

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091942.D
 Acq On : 24 Dec 2016 00:59
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 24 03:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	225090	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	924698	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	450082	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	670926	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	431163	20.00	ng	-0.01
86) Perylene-d12	15.29	264	451397	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1029387	76.36	ng	0.02
7) Phenol-d6	6.43	99	1296844	78.79	ng	0.02
23) Nitrobenzene-d5	7.31	82	1285604	77.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	252244	67.72	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1847295	83.93	ng	-0.01
78) Terphenyl-d14	12.84	244	1380638	77.66	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.25	88	263718	39.74	ng	98
3) Pyridine	2.93	79	822524	35.51	ng	97
4) n-Nitrosodimethylamine	2.90	42	347858	39.81	ng	97
6) Aniline	6.41	93	855739	40.03	ng	# 45
8) 2-Chlorophenol	6.54	128	628816	41.01	ng	93
9) Benzaldehyde	6.28	77	368582	38.83	ng	93
10) Phenol	6.44	94	842012	44.90	ng	# 75
11) bis(2-Chloroethyl)ether	6.49	93	644771	43.21	ng	94
12) 1,3-Dichlorobenzene	6.68	146	674538	41.21	ng	# 94
13) 1,4-Dichlorobenzene	6.76	146	677203	40.64	ng	95
14) 1,2-Dichlorobenzene	6.91	146	540724	37.40	ng	95
15) Benzyl Alcohol	6.90	79	382727	29.93	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.02	45	878035	39.51	ng	96
17) 2-Methylphenol	7.05	107	509196	41.29	ng	95
18) Hexachloroethane	7.25	117	245399	39.73	ng	95
19) n-Nitroso-di-n-propylamine	7.17	70	486316	44.41	ng	94
20) 3+4-Methylphenols	7.20	107	661351	44.96	ng	# 74
22) Acetophenone	7.16	105	969020	42.49	ng	# 90
24) Nitrobenzene	7.33	77	690560	38.99	ng	97
25) Isophorone	7.57	82	1144383	37.30	ng	96
26) 2-Nitrophenol	7.65	139	342227	39.18	ng	# 81
27) 2,4-Dimethylphenol	7.71	122	488761	33.74	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	751556	40.40	ng	99
29) 2,4-Dichlorophenol	7.90	162	468264	38.17	ng	86
30) 1,2,4-Trichlorobenzene	7.97	180	528759	39.33	ng	95
31) Naphthalene	8.05	128	1764171	41.69	ng	99
32) Benzoic acid	7.86	122	333160	31.01	ng	98
33) 4-Chloroaniline	8.11	127	679400	35.60	ng	97
34) Hexachlorobutadiene	8.17	225	283858	40.00	ng	100
35) Caprolactam	8.49	113	133176	33.04	ng	# 69
36) 4-Chloro-3-methylphenol	8.61	107	478382	33.89	ng	95
37) 2-Methylnaphthalene	8.74	142	1010152	36.99	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	490540	43.14	ng	99
40) Hexachlorocyclopentadiene	8.90	237	80800	19.14	ng	98

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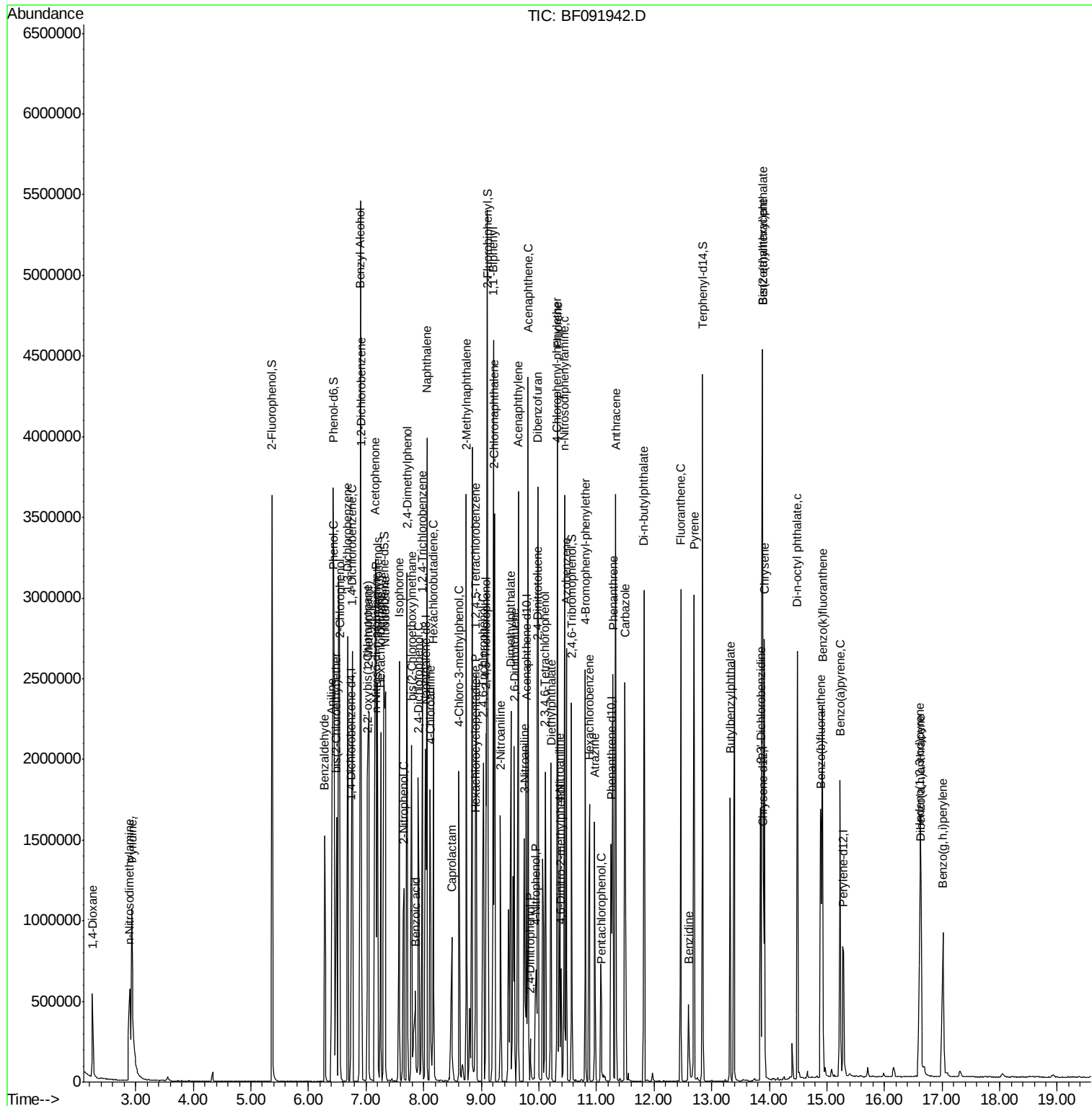
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	322001	40.49	nq	99
43) 2,4,5-Trichlorophenol	9.08	196	307002	37.51	nq	100
45) 1,1'-Biphenyl	9.21	154	1357583	44.05	nq	99
46) 2-Chloronaphthalene	9.23	162	988921	40.52	nq	96
47) 2-Nitroaniline	9.33	65	305571	35.17	nq	99
48) Acenaphthylene	9.64	152	1472724	39.24	nq	99
49) Dimethylphthalate	9.52	163	1213856	42.17	nq	99
50) 2,6-Dinitrotoluene	9.57	165	229251	36.38	nq	# 69
51) Acenaphthene	9.81	154	946265	37.19	nq	100
52) 3-Nitroaniline	9.74	138	276374	35.44	nq	97
53) 2,4-Dinitrophenol	9.85	184	41568	11.86	nq	# 45
54) Dibenzofuran	9.98	168	1262949	36.75	nq	98
55) 4-Nitrophenol	9.95	139	158713m	29.98	nq	
56) 2,4-Dinitrotoluene	9.97	165	279980	35.40	nq	# 83
57) Fluorene	10.33	166	1041704	41.67	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	230105	35.55	nq	98
59) Diethylphthalate	10.21	149	1142932	40.88	nq	94
60) 4-Chlorophenyl-phenylether	10.32	204	428435	39.14	nq	97
61) 4-Nitroaniline	10.36	138	278490	34.47	nq	99
62) Azobenzene	10.48	77	1151675	37.42	nq	99
64) 4,6-Dinitro-2-methylphenol	10.38	198	89419	22.04	nq	74
65) n-Nitrosodiphenylamine	10.44	169	843519	42.37	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	296030	42.42	nq	97
67) Hexachlorobenzene	10.88	284	311929	41.81	nq	# 93
68) Atrazine	10.97	200	206359	32.13	nq	97
69) Pentachlorophenol	11.08	266	114393	31.25	nq	99
70) Phenanthrene	11.29	178	1410846	38.78	nq	97
71) Anthracene	11.33	178	1332740	39.70	nq	99
72) Carbazole	11.49	167	1146476	34.74	nq	99
73) Di-n-butylphthalate	11.82	149	1545918	44.83	nq	99
74) Fluoranthene	12.46	202	1184944	36.39	nq	97
76) Benzidine	12.60	184	363521	30.57	nq	96
77) Pyrene	12.69	202	1228876	38.85	nq	99
79) Butylbenzylphthalate	13.32	149	575907	40.03	nq	# 80
80) Benzo(a)anthracene	13.88	228	906990	37.27	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	362119	39.24	nq	# 96
82) Chrysene	13.92	228	972586	39.84	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	728091	42.97	nq	# 97
84) Di-n-octyl phthalate	14.49	149	1239376	39.49	nq	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	915064	43.27	nq	99
87) Benzo(b)fluoranthene	14.90	252	1220421m	43.43	nq	
88) Benzo(k)fluoranthene	14.92	252	770479m	32.15	nq	
89) Benzo(a)pyrene	15.23	252	964360	38.66	nq	97
90) Dibenzo(a,h)anthracene	16.64	278	790207	38.54	nq	# 94
91) Benzo(g,h,i)perylene	17.01	276	755733	35.45	nq	# 95

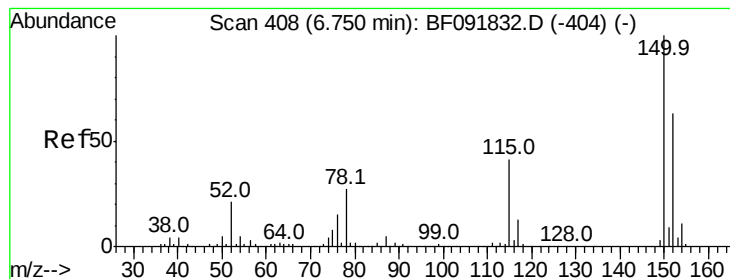
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

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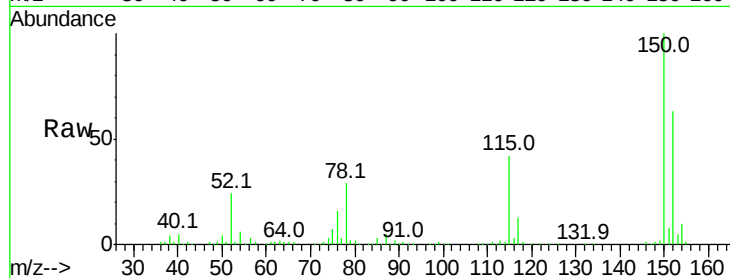
Tot Ion:152 Resp: 225090

Ion Ratio Lower Upper

152 100

150 158.4 124.9 187.3

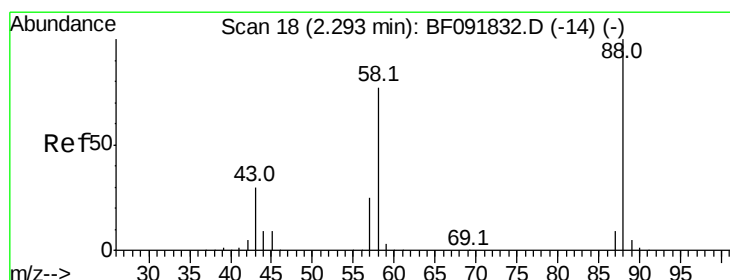
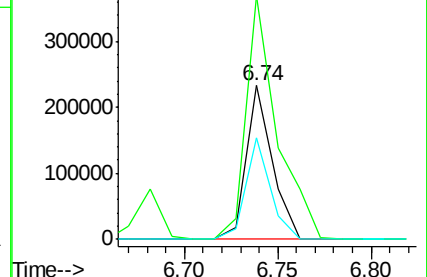
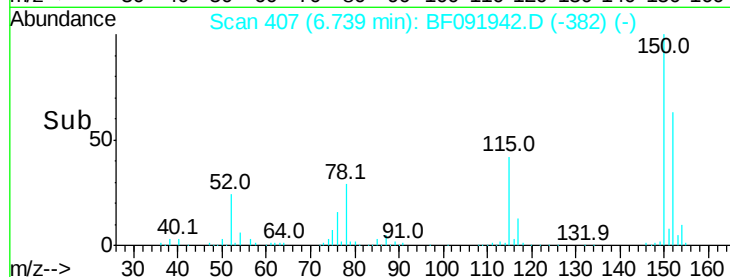
115 66.0 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.74 ng

RT: 2.25 min Scan# 14

Delta R.T. -0.05 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

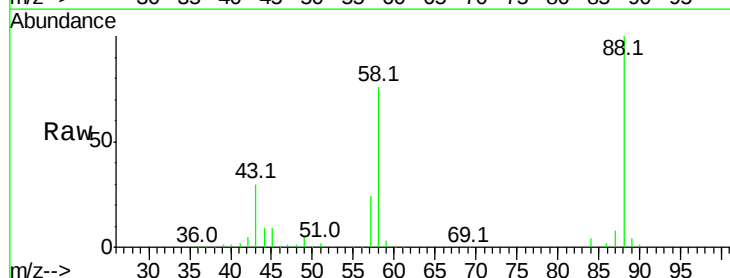
Tgt Ion: 88 Resp: 263718

Ion Ratio Lower Upper

88 100

58 74.7 57.8 86.8

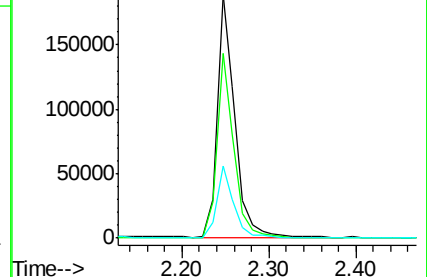
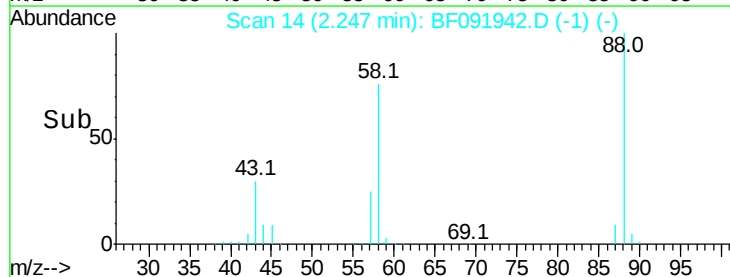
43 28.3 22.3 33.5

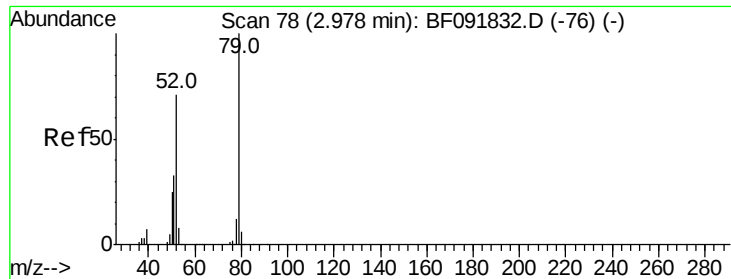


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.51 ng

RT: 2.93 min Scan# 74

Delta R.T. -0.05 min

Lab File: BF091942.D

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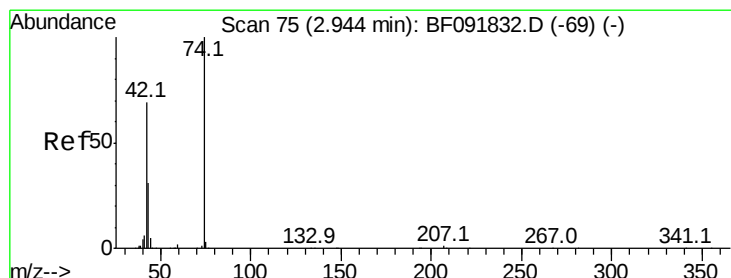
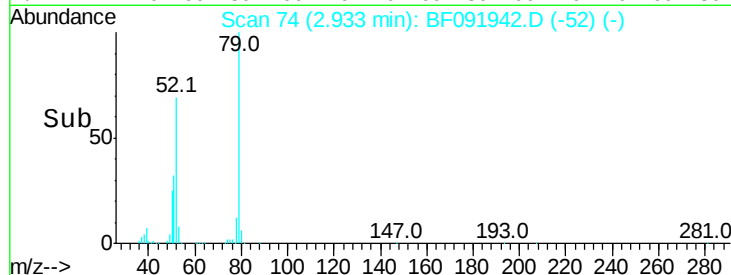
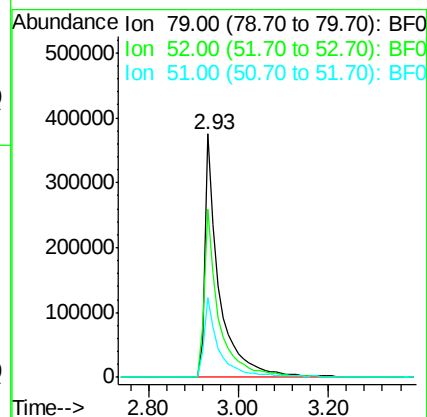
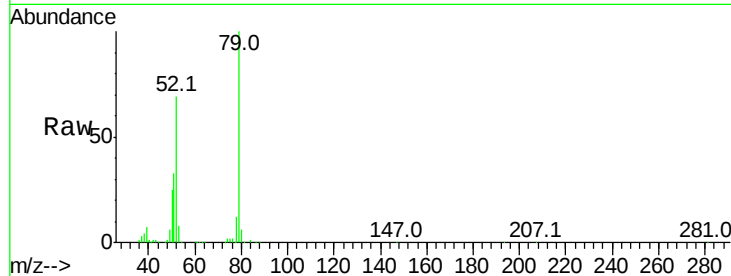
Tot Ion: 79 Resp: 822524

Ion Ratio Lower Upper

79 100

52 69.1 57.1 85.7

51 32.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 39.81 ng

RT: 2.90 min Scan# 71

Delta R.T. -0.05 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

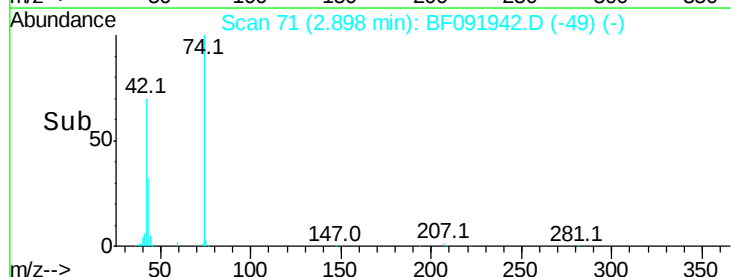
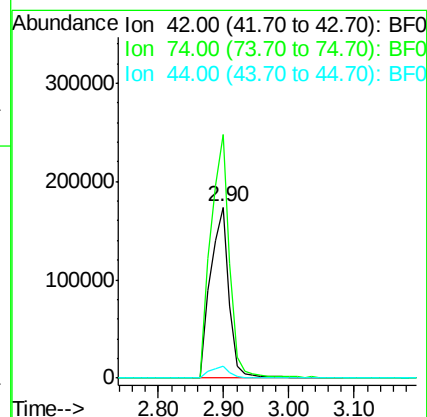
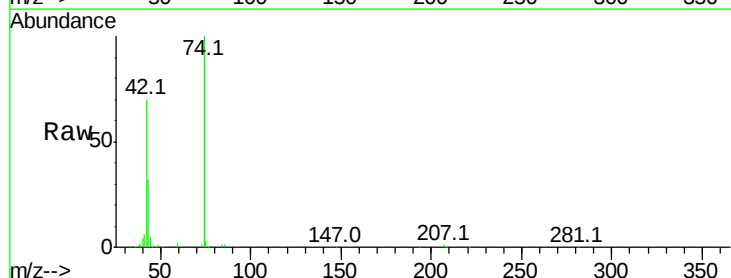
Tgt Ion: 42 Resp: 347858

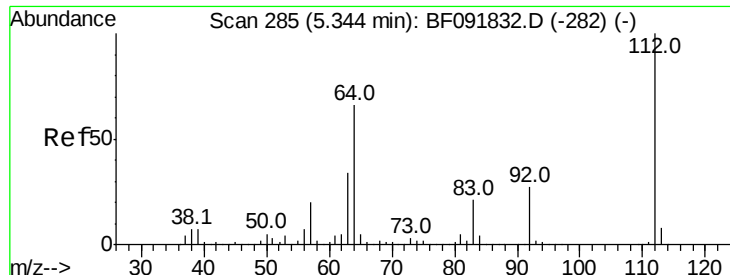
Ion Ratio Lower Upper

42 100

74 142.2 117.0 175.4

44 6.9 5.5 8.3

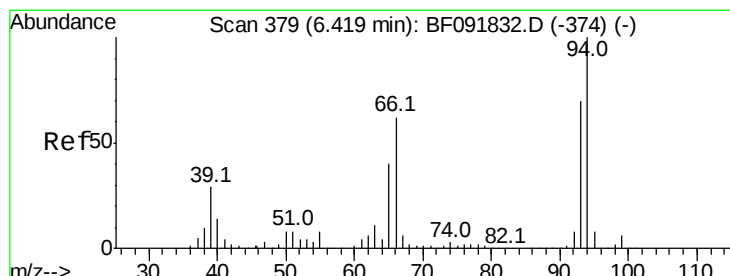
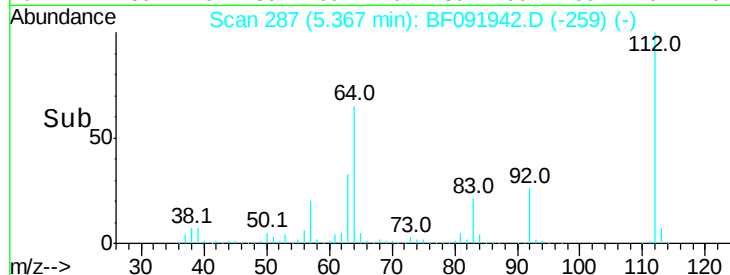
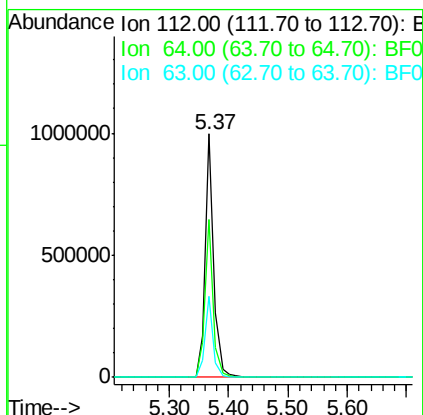
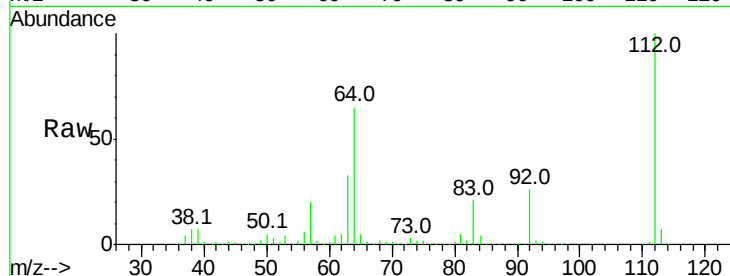




#5
 2-Fluorophenol
 Concen: 76.36 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.02 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

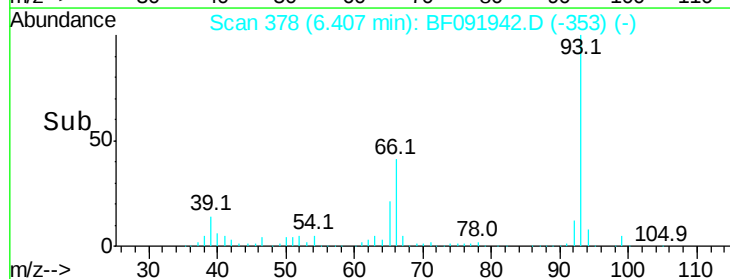
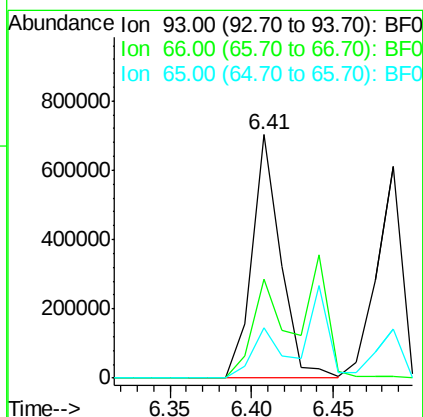
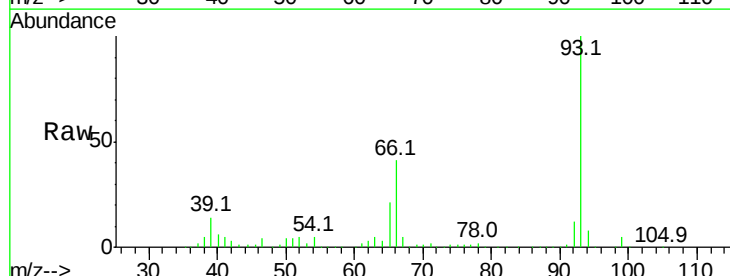
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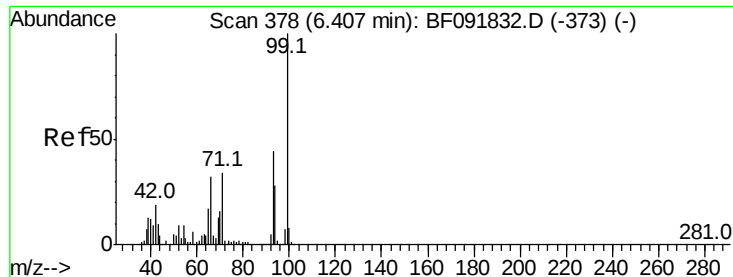
Tot Ion:112 Resp: 1029387
 Ion Ratio Lower Upper
 112 100
 64 64.7 46.1 69.1
 63 33.4 23.8 35.6



#6
 Aniline
 Concen: 40.03 ng
 RT: 6.41 min Scan# 378
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion: 93 Resp: 855739
 Ion Ratio Lower Upper
 93 100
 66 40.8 76.2 114.2#
 65 20.7 49.3 73.9#





#7

Phenol-d6

Concen: 78.79 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

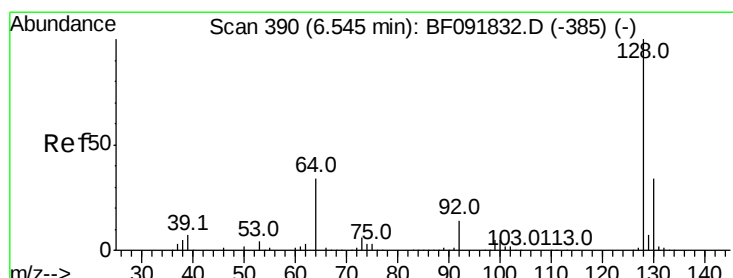
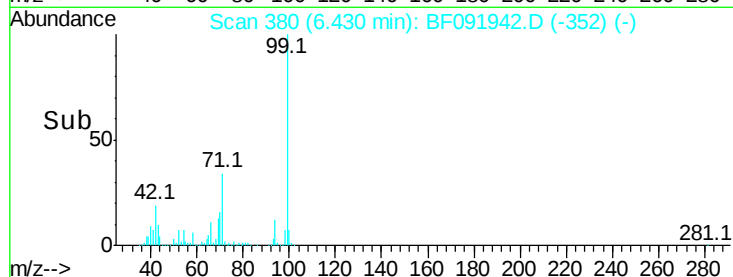
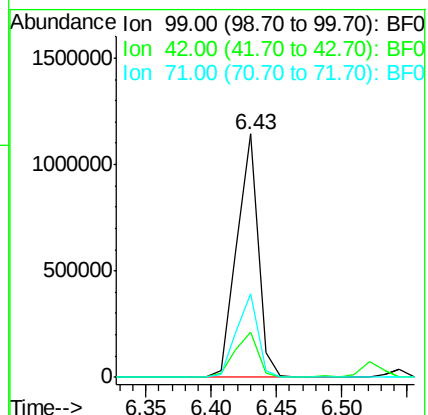
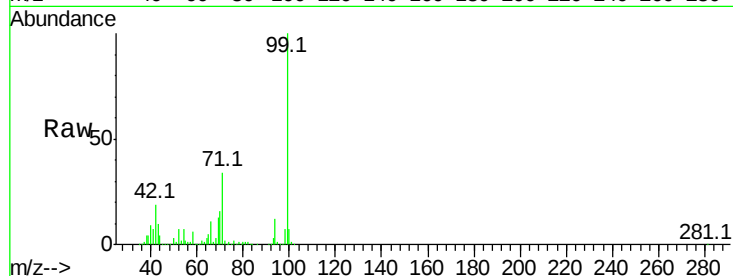
Tot Ion: 99 Resp: 1296844

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

71 34.4 27.5 41.3



#8

2-Chlorophenol

Concen: 41.01 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

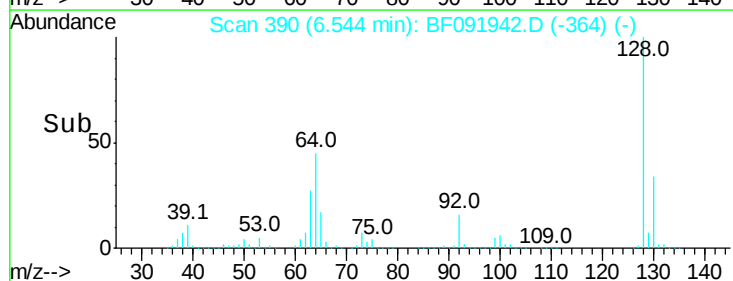
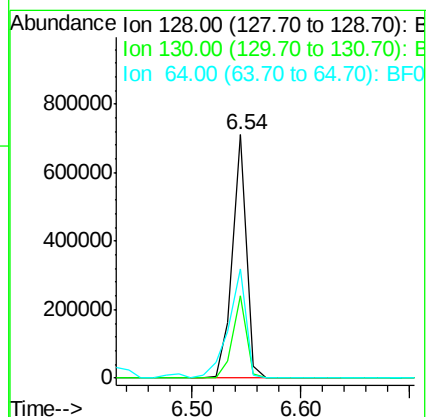
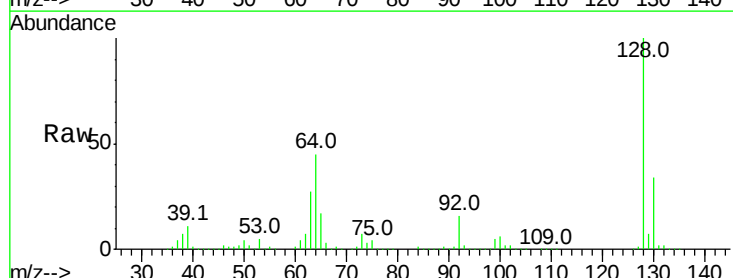
Tgt Ion: 128 Resp: 628816

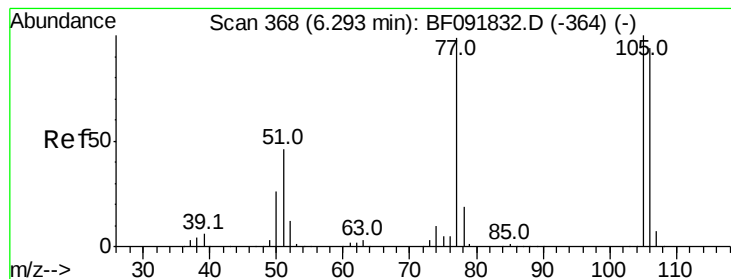
Ion Ratio Lower Upper

128 100

130 33.6 12.3 52.3

64 44.8 32.2 72.2





#9

Benzaldehyde

Concen: 38.83 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

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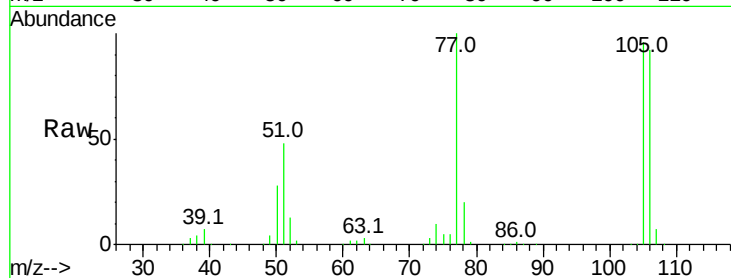
Tot Ion: 77 Resp: 368582

Ion Ratio Lower Upper

77 100

105 96.0 83.9 123.9

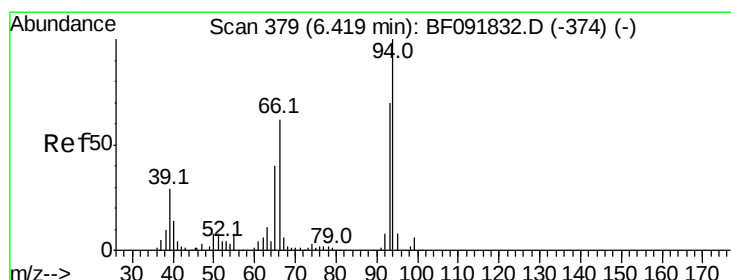
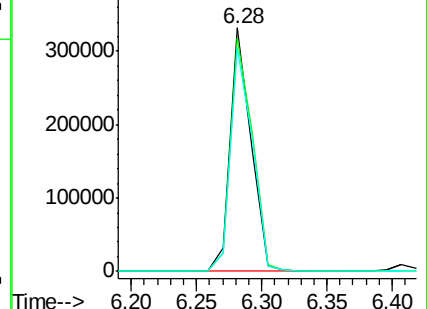
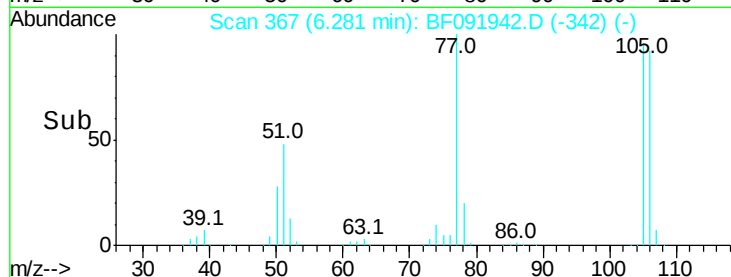
106 91.5 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.90 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.02 min

Lab File: BF091942.D

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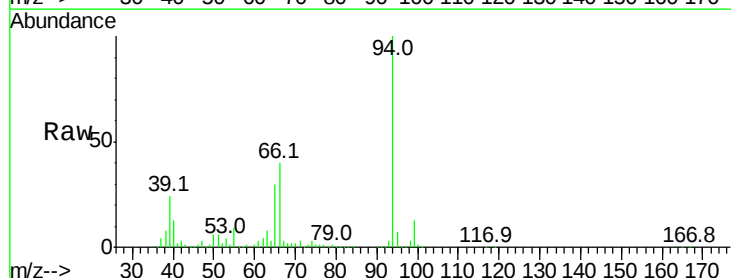
Tgt Ion: 94 Resp: 842012

Ion Ratio Lower Upper

94 100

65 30.2 21.4 61.4

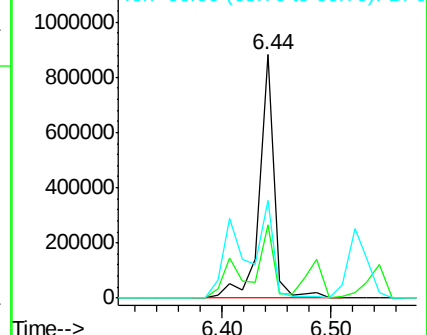
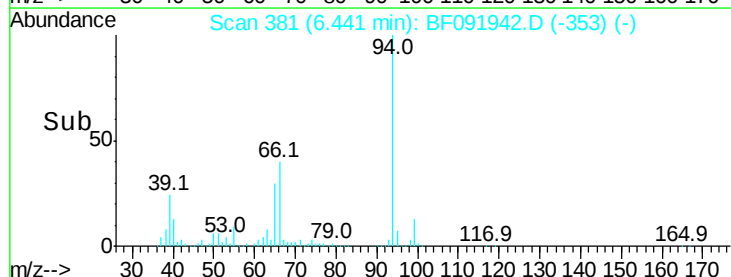
66 40.2 44.0 84.0#

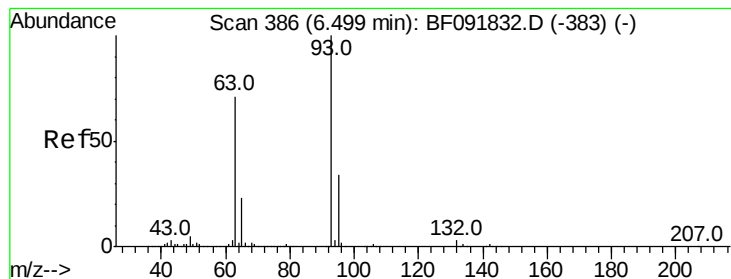


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.21 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

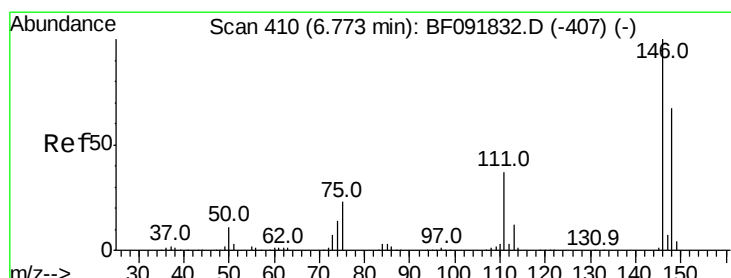
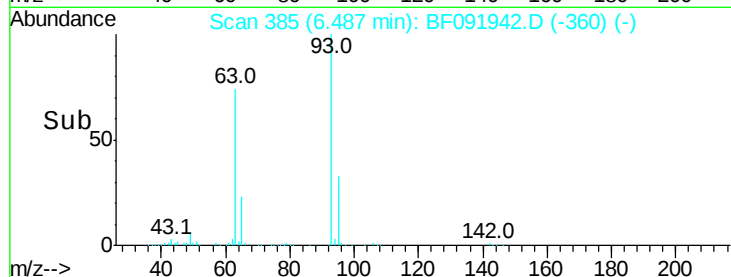
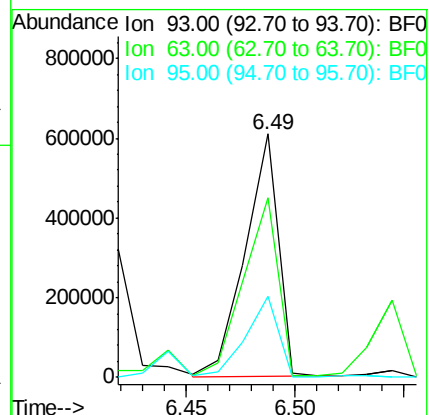
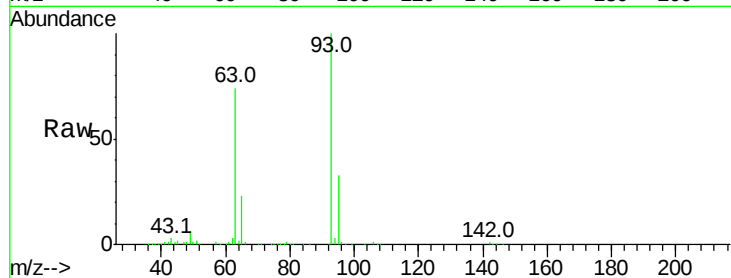
Tot Ion: 93 Resp: 644771

Ion Ratio Lower Upper

93 100

63 73.7 60.4 100.4

95 33.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.21 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

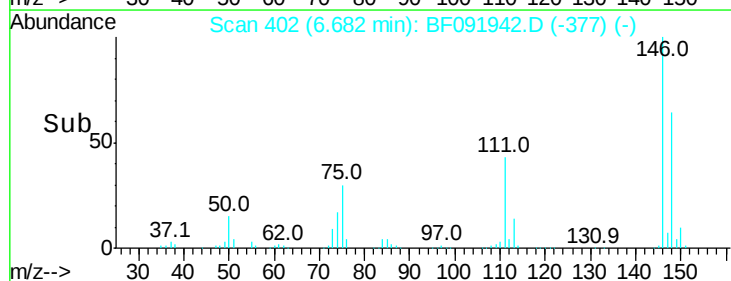
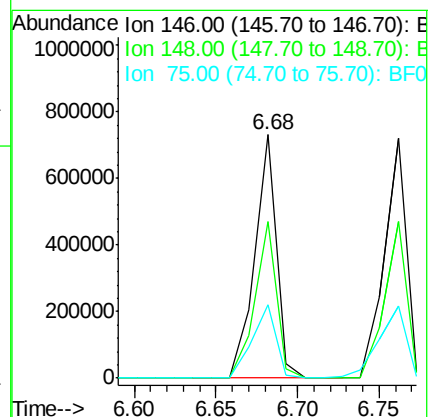
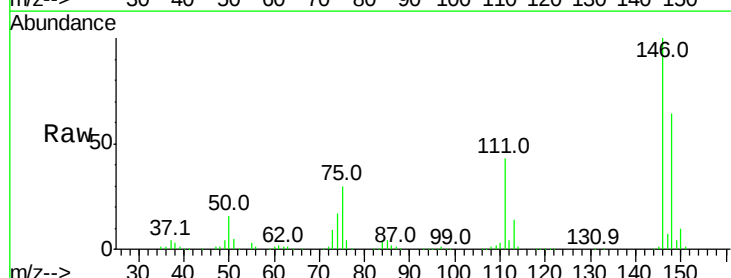
Tgt Ion: 146 Resp: 674538

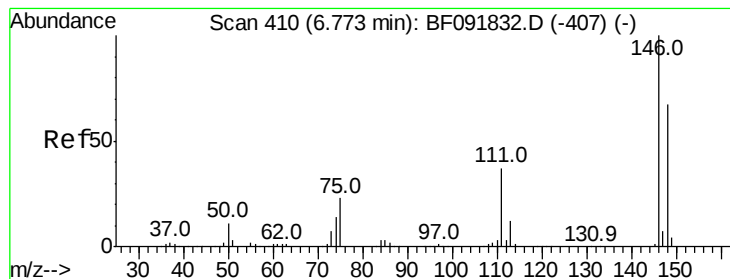
Ion Ratio Lower Upper

146 100

148 64.3 53.4 80.0

75 30.3 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 40.64 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

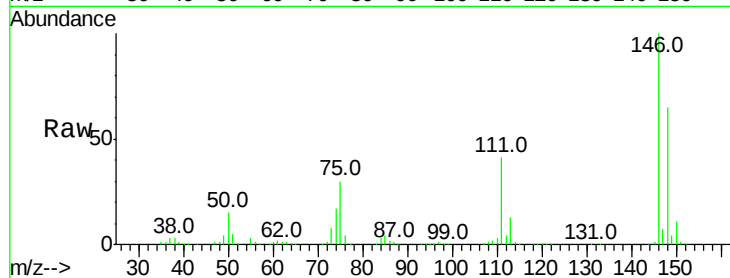
Tot Ion:146 Resp: 677203

Ion Ratio Lower Upper

146 100

148 65.5 50.6 76.0

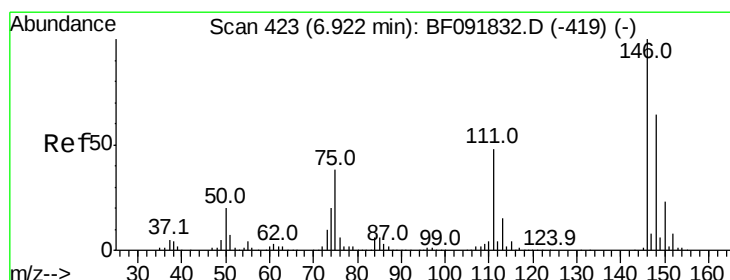
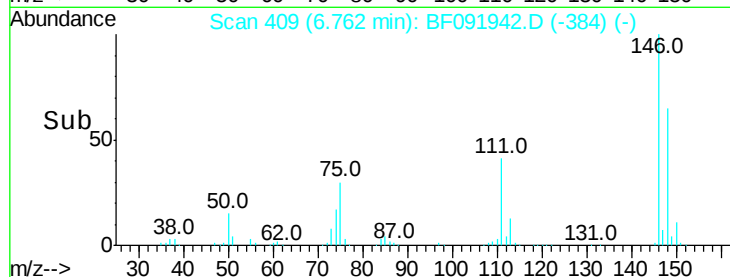
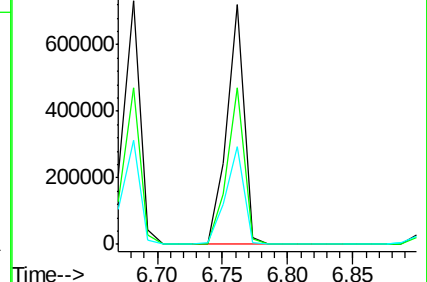
111 40.7 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.40 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

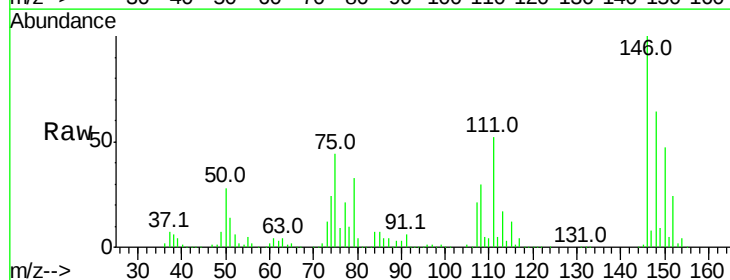
Tgt Ion:146 Resp: 540724

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.2

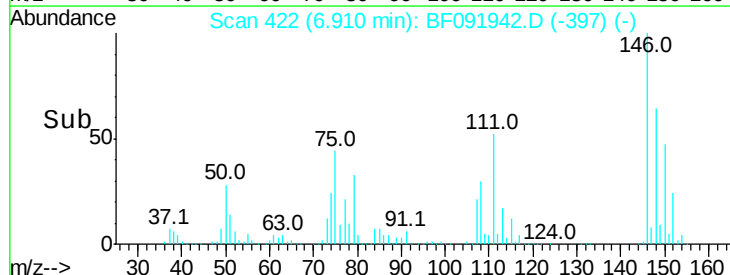
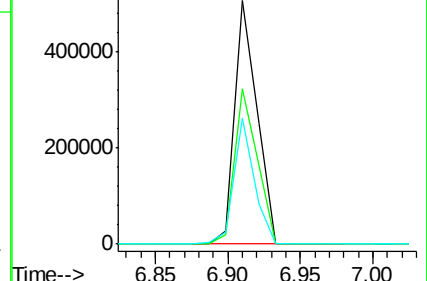
111 51.7 36.2 54.2

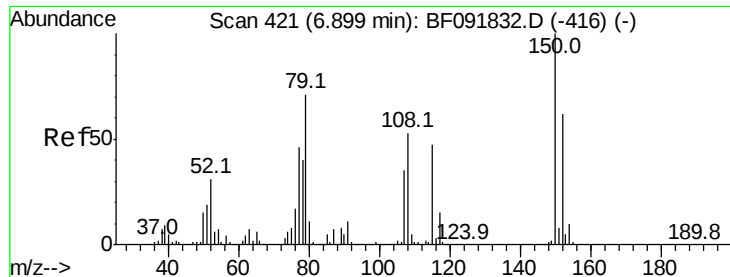


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.93 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

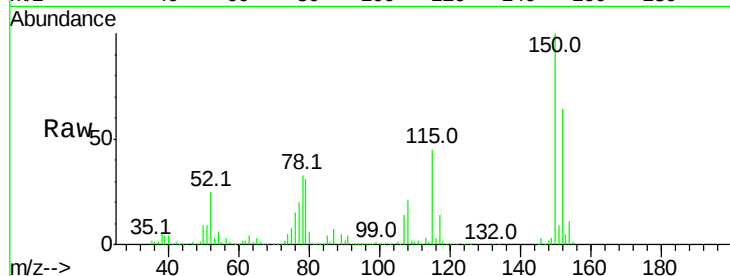
Tot Ion: 79 Resp: 382727

Ion Ratio Lower Upper

79 100

108 69.2 61.4 92.0

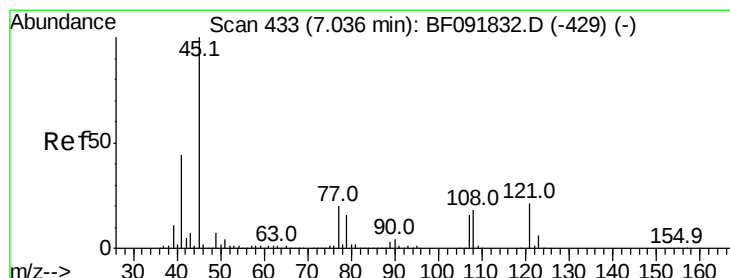
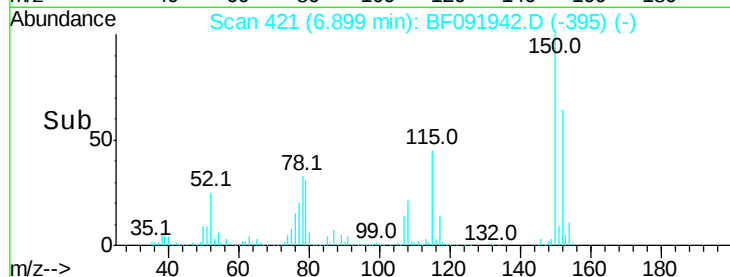
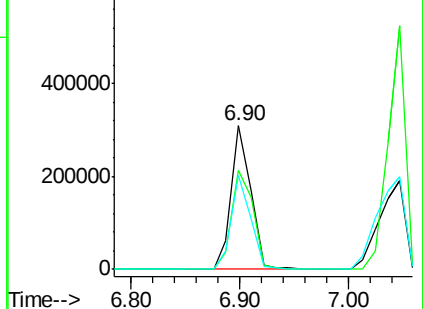
77 65.6 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.51 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

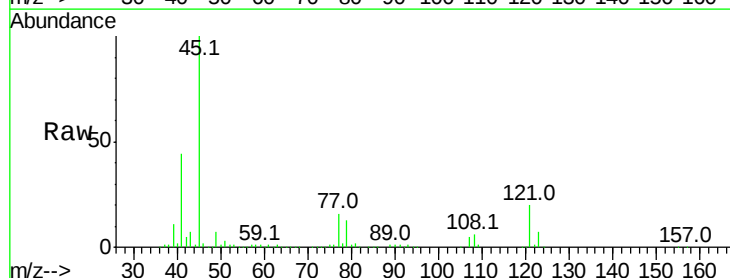
Tgt Ion: 45 Resp: 878035

Ion Ratio Lower Upper

45 100

77 16.5 0.0 34.6

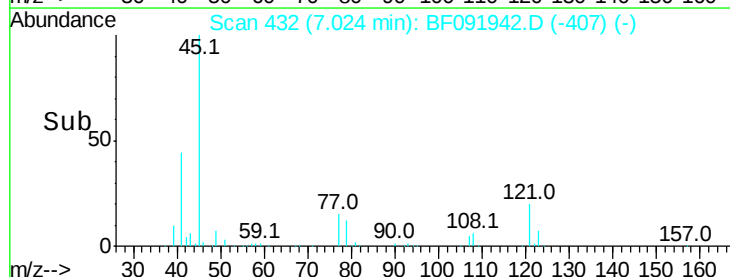
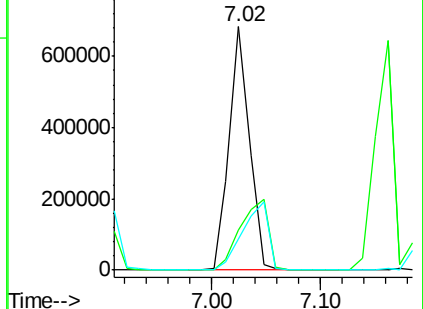
79 12.6 0.0 31.2

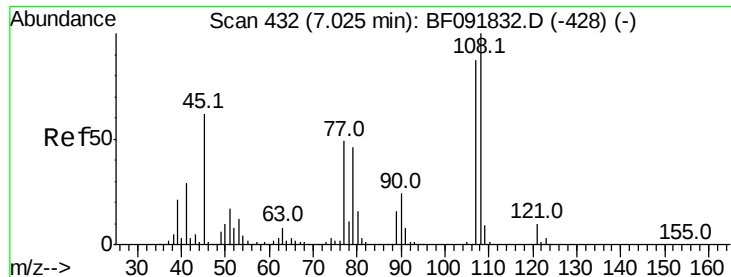


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

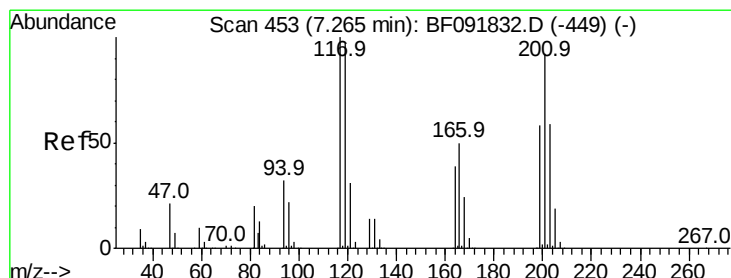
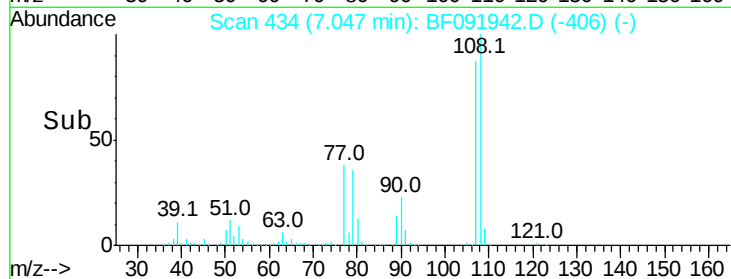
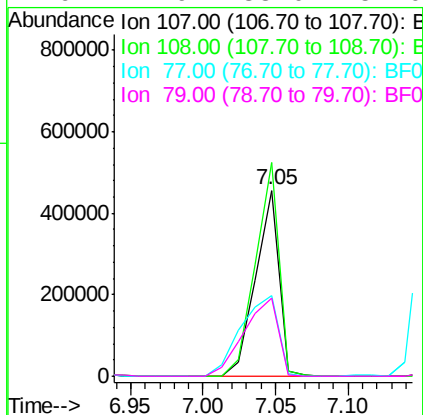
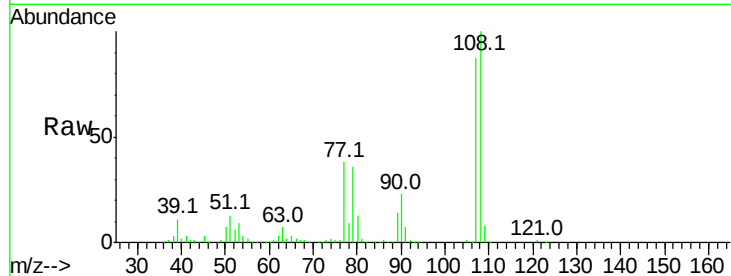




#17
2-Methylphenol
Concen: 41.29 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.02 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

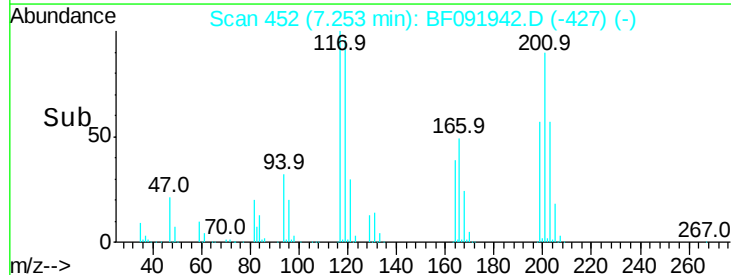
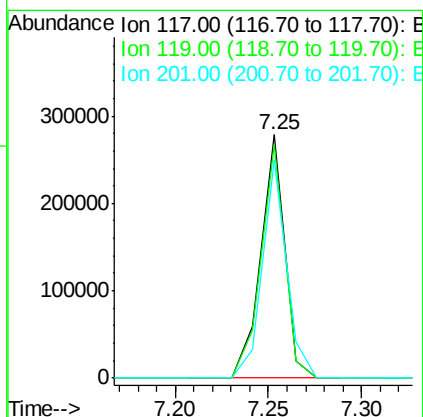
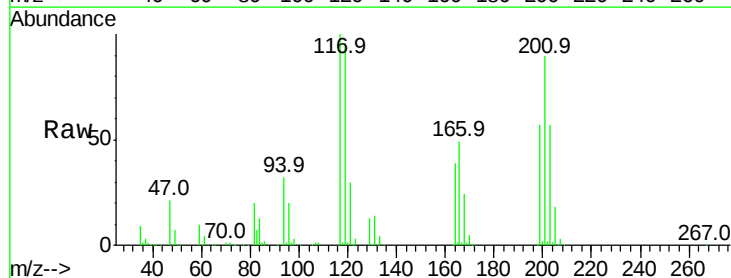
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

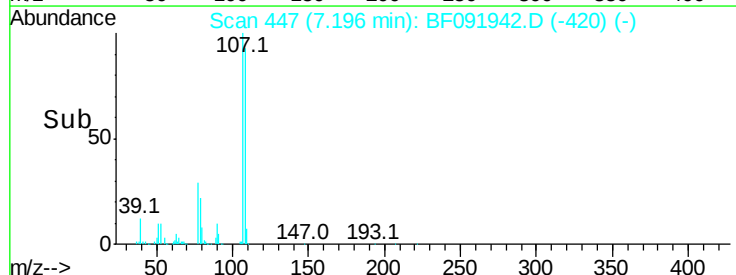
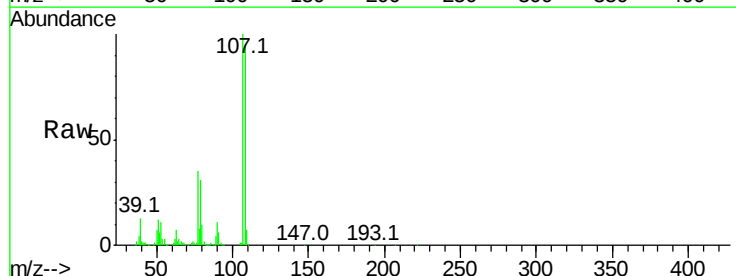
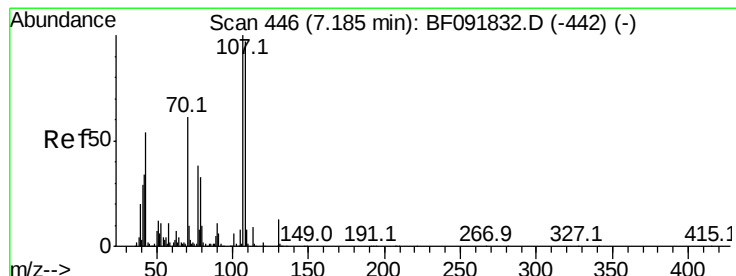
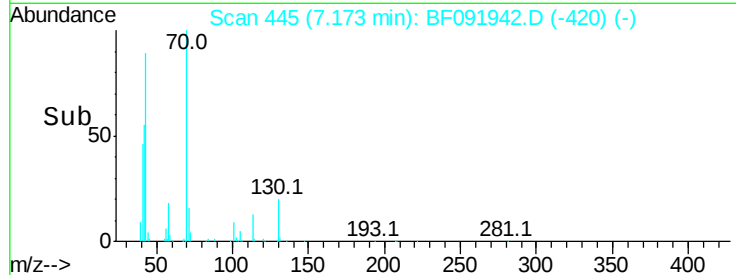
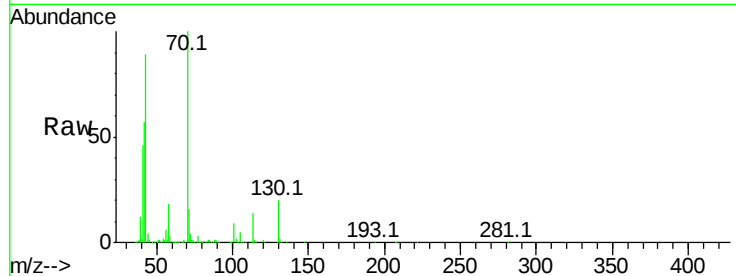
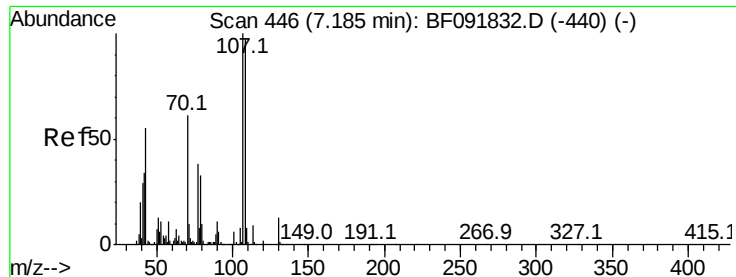
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	93.0	139.6
77	43.4	39.8	59.8
79	41.9	38.0	57.0



#18
Hexachloroethane
Concen: 39.73 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.1	117.1
201	89.7	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.41 ng

RT: 7.17 min Scan# 445

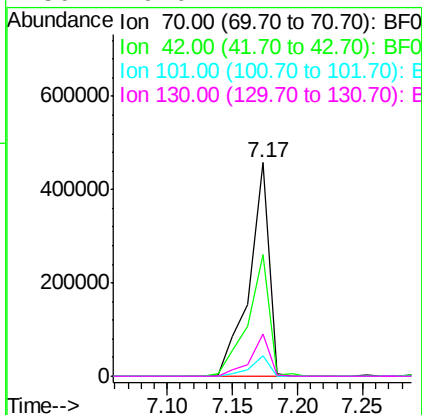
Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	486316
Ion	Ratio	Lower	Upper
70	100		
42	56.7	49.4	74.0
101	9.4	7.4	11.2
130	20.0	14.2	21.4



#20

3+4-Methylphenols

Concen: 44.96 ng

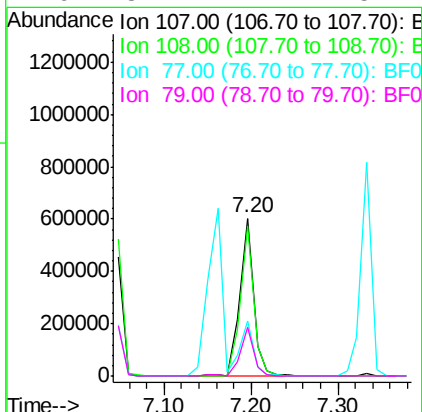
RT: 7.20 min Scan# 447

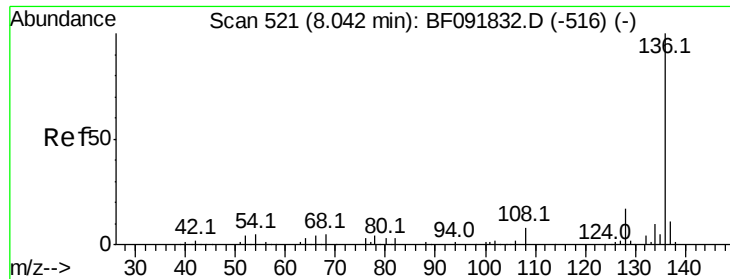
Delta R.T. 0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Tgt Ion:	107	Resp:	661351
Ion	Ratio	Lower	Upper
107	100		
108	95.3	73.0	113.0
77	34.6	71.3	111.3#
79	31.1	11.1	51.1

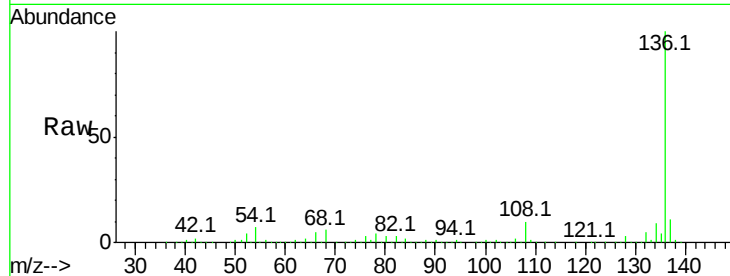




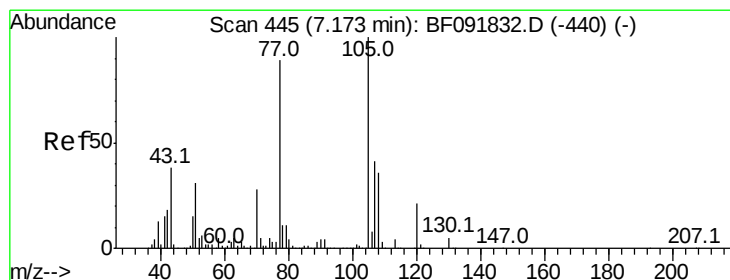
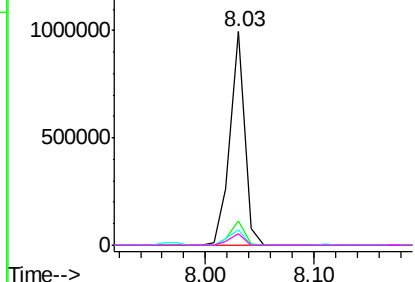
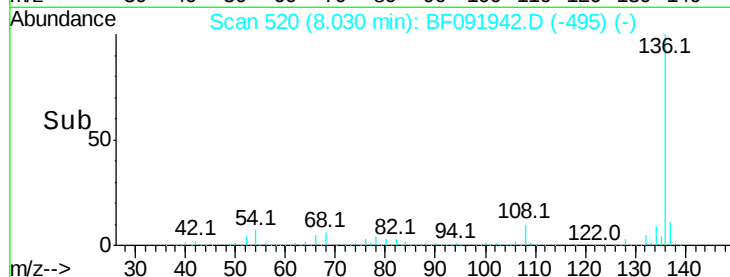
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	924698
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.4 12.6
54	7.4	4.5 6.7#
68	5.6	3.6 5.4#

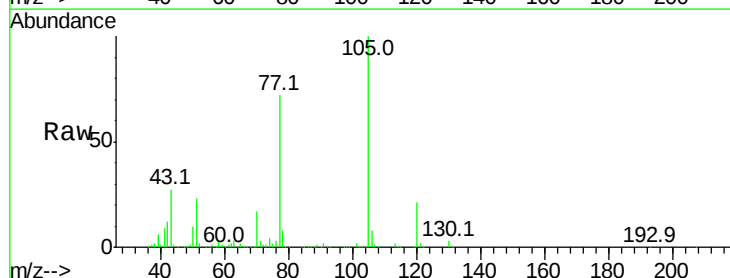


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

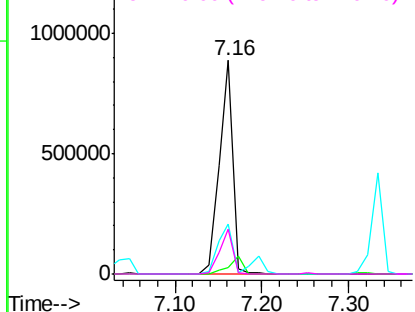
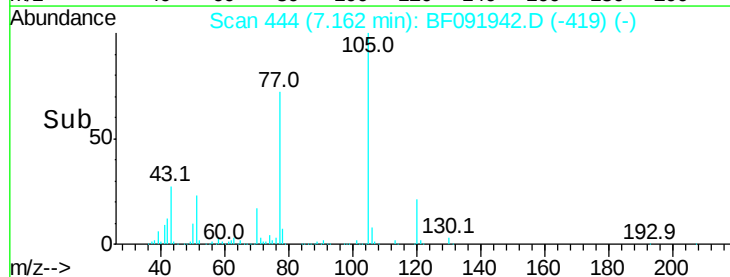


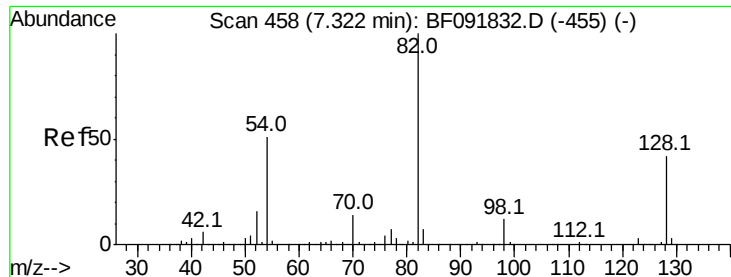
#22
Acetophenone
Concen: 42.49 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion:105	Resp:	969020
Ion Ratio	Lower	Upper
105	100	
71	2.9	3.2 4.8#
51	23.3	26.2 39.4#
120	21.1	16.6 24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

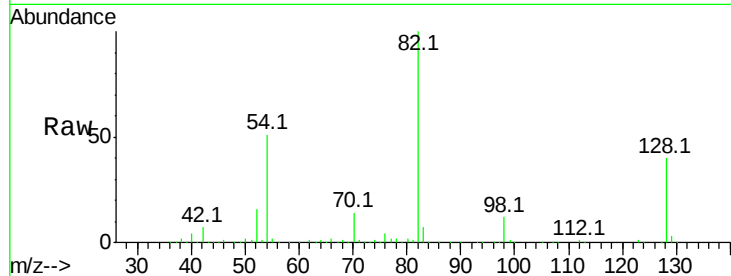




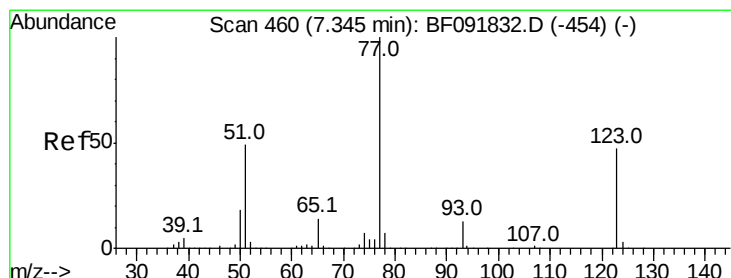
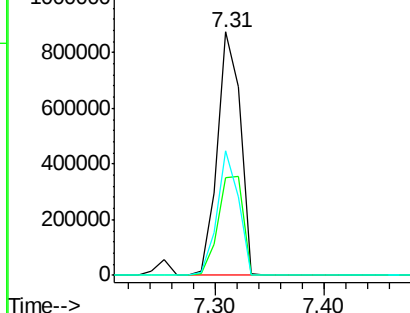
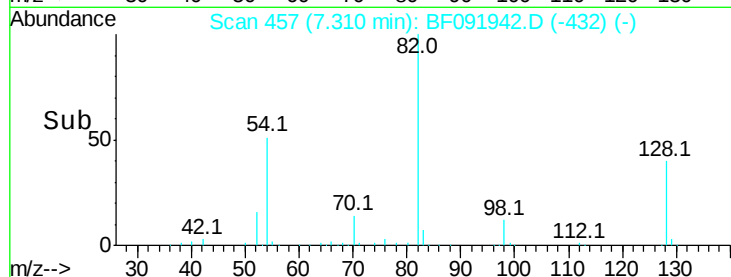
#23
Nitrobenzene-d5
Concen: 77.31 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1285604
Ion Ratio Lower Upper
82 100
128 40.2 34.6 52.0
54 51.3 39.5 59.3

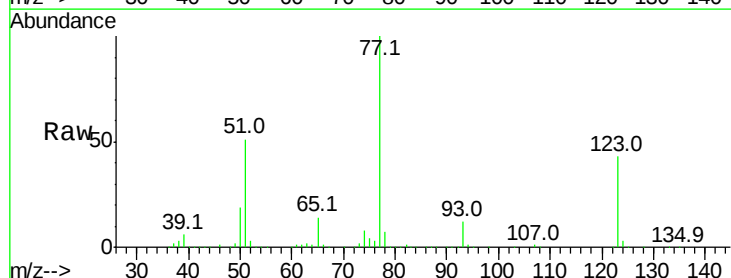


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

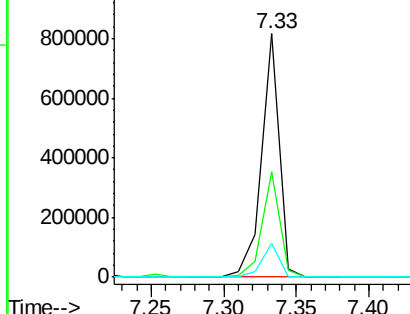
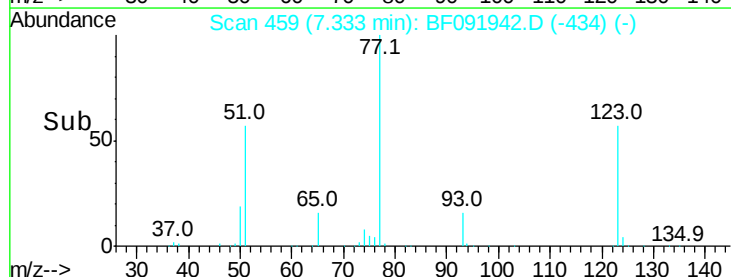


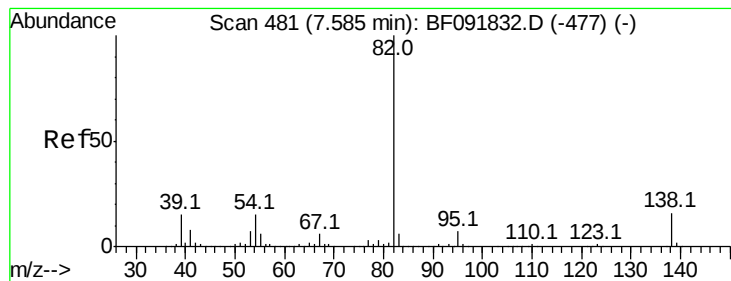
#24
Nitrobenzene
Concen: 38.99 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion: 77 Resp: 690560
Ion Ratio Lower Upper
77 100
123 43.3 33.0 49.4
65 13.7 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.30 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

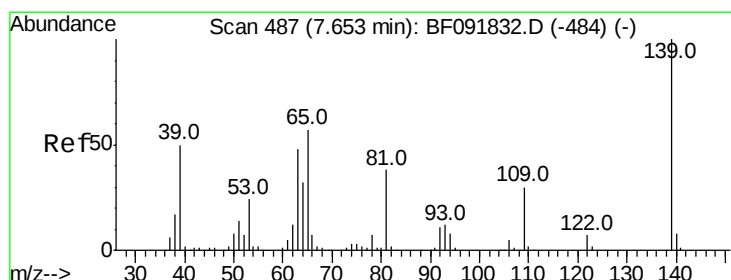
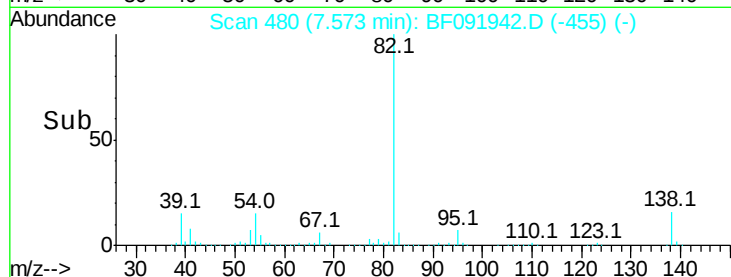
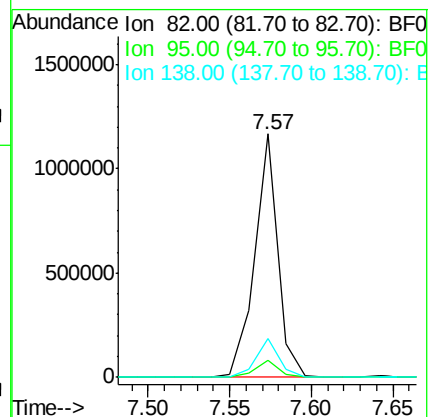
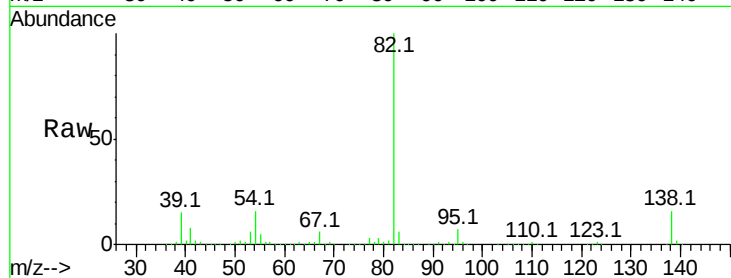
Tot Ion: 82 Resp: 1144383

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 16.1 14.6 22.0



#26

2-Nitrophenol

Concen: 39.18 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

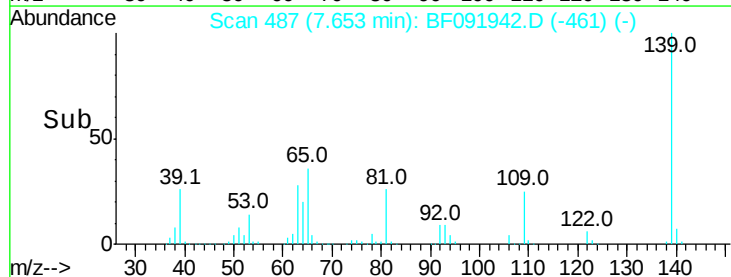
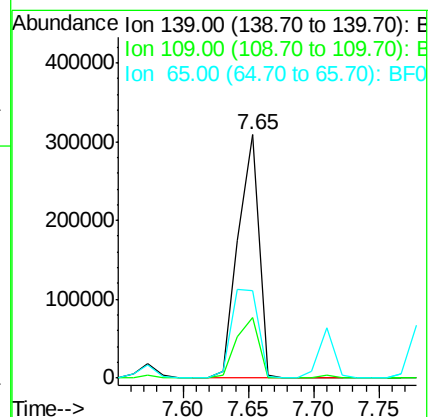
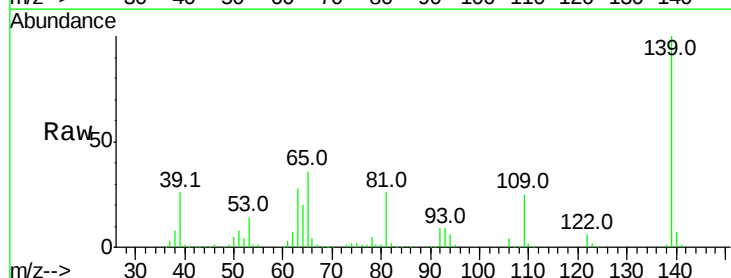
Tgt Ion:139 Resp: 342227

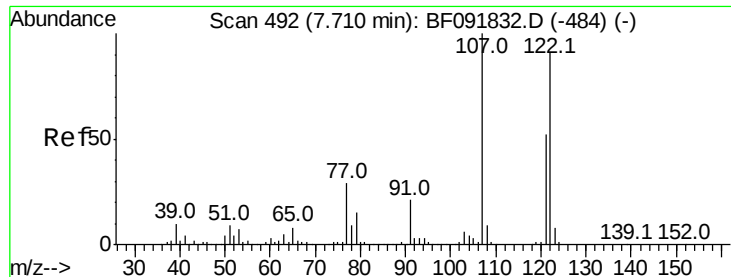
Ion Ratio Lower Upper

139 100

109 24.7 23.3 34.9

65 35.8 42.7 64.1#

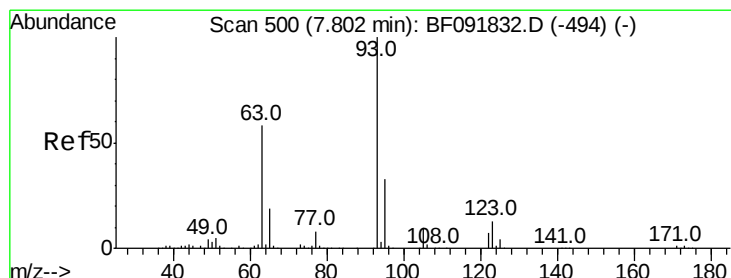
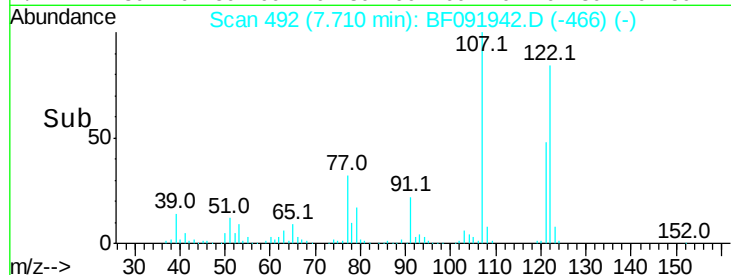
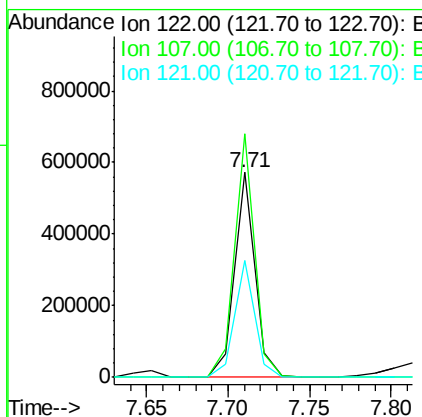
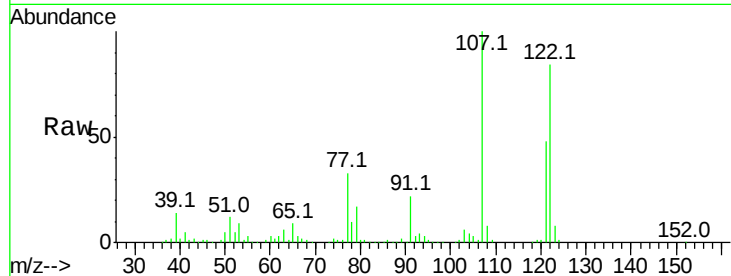




#27
 2,4-Dimethylphenol
 Concen: 33.74 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

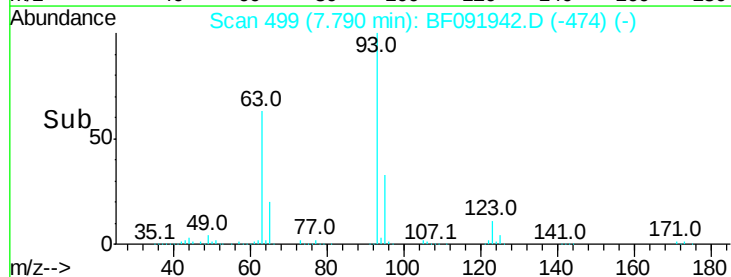
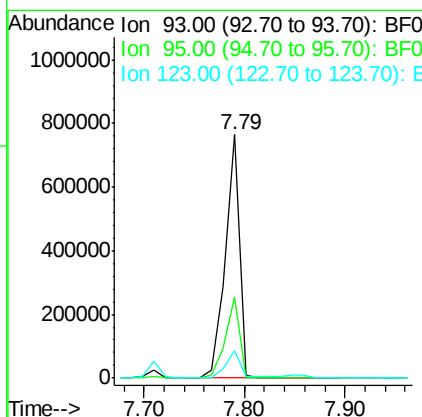
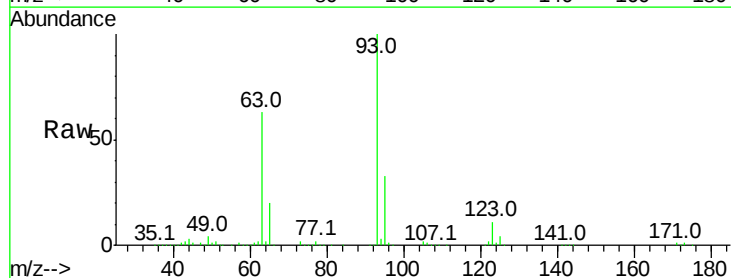
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

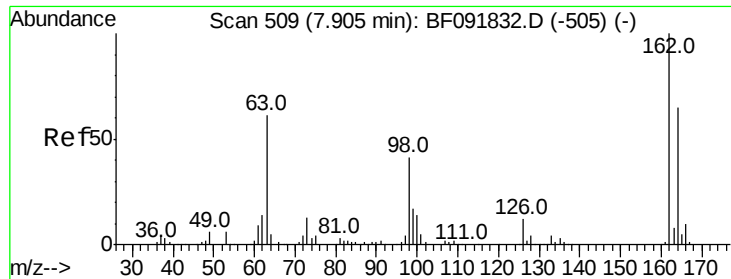
Tot Ion:122 Resp: 488761
 Ion Ratio Lower Upper
 122 100
 107 118.8 94.1 141.1
 121 57.1 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.40 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion: 93 Resp: 751556
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 11.1 8.6 13.0

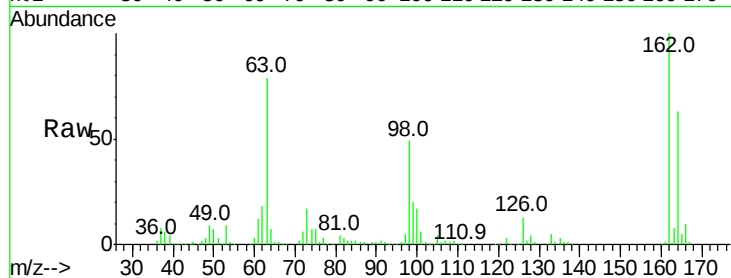




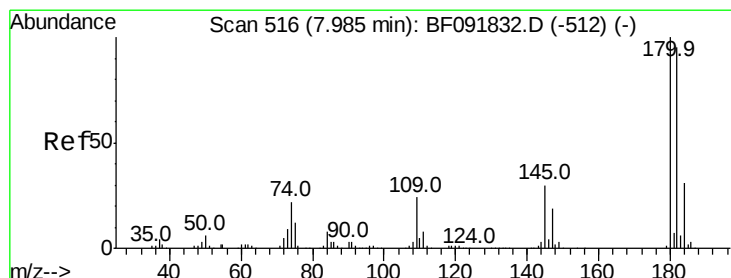
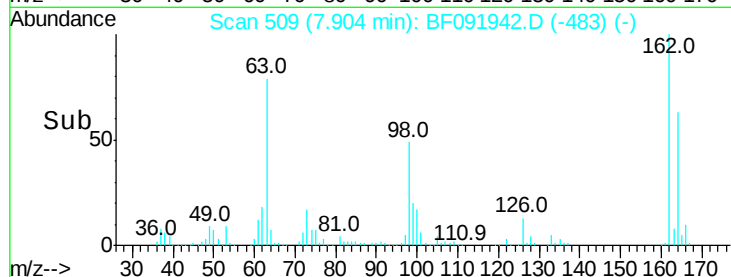
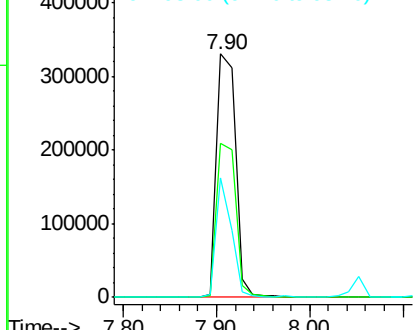
#29
 2,4-Dichlorophenol
 Concen: 38.17 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 468264
 Ion Ratio Lower Upper
 162 100
 164 63.2 46.8 86.8
 98 48.9 9.1 49.1

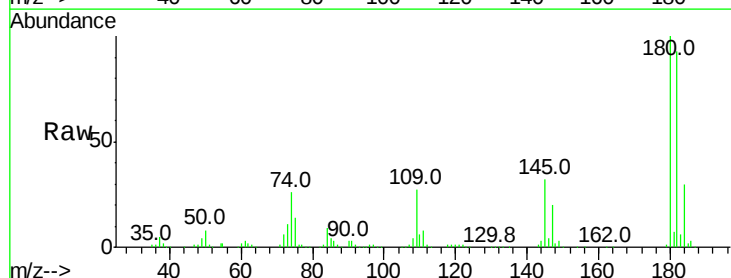


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

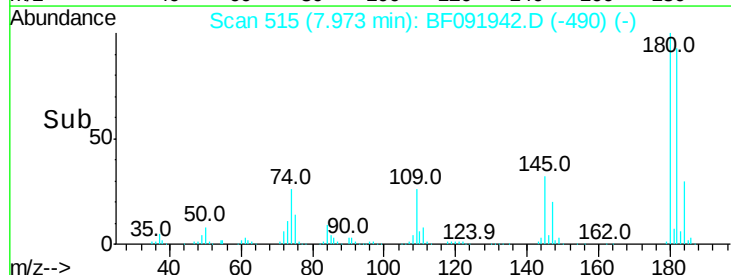
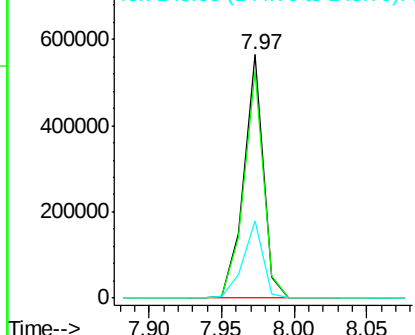


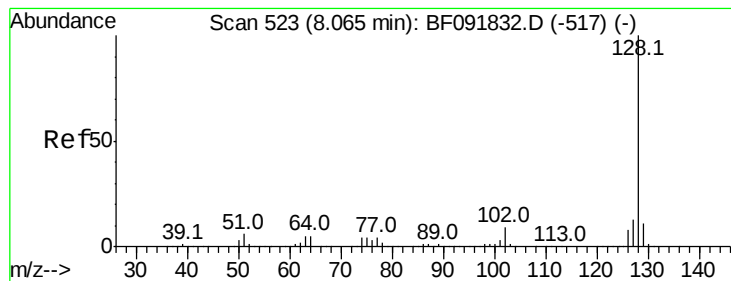
#30
 1,2,4-Trichlorobenzene
 Concen: 39.33 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion:180 Resp: 528759
 Ion Ratio Lower Upper
 180 100
 182 93.5 78.2 117.4
 145 31.7 21.6 32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.69 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

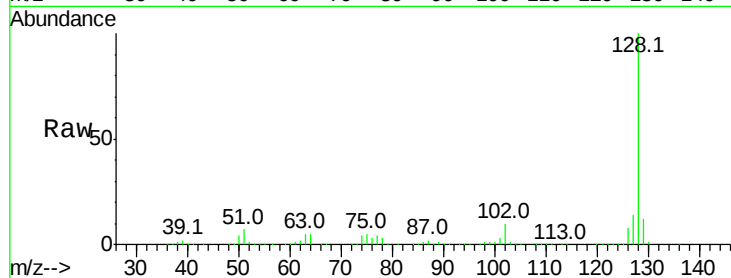
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1764171

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	13.6	10.8	16.2

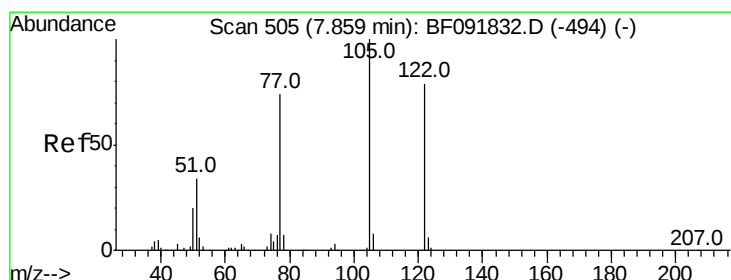
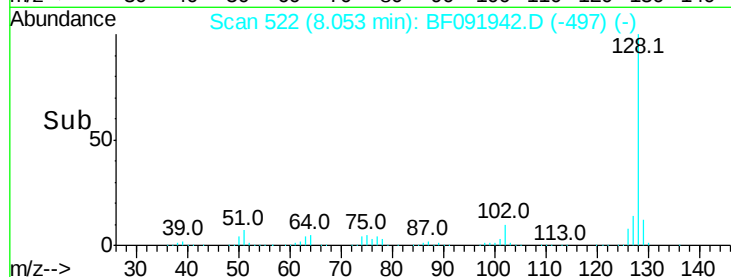
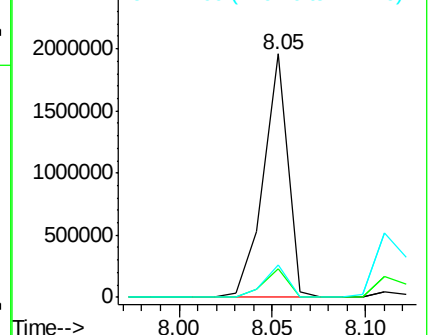


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.01 ng

RT: 7.86 min Scan# 505

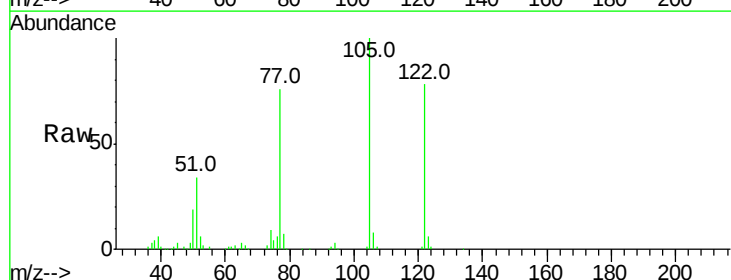
Delta R.T. -0.00 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Tgt Ion:122 Resp: 333160

Ion	Ratio	Lower	Upper
122	100		
105	128.6	107.2	147.2
77	97.3	74.5	114.5

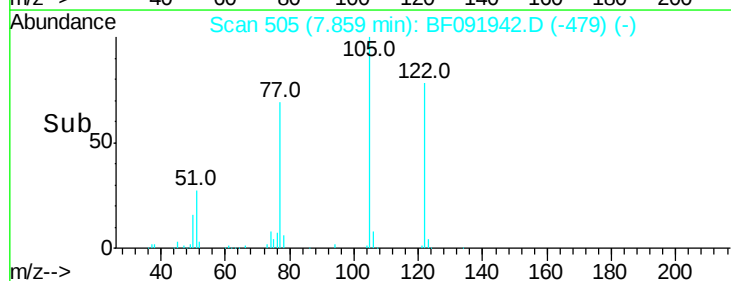
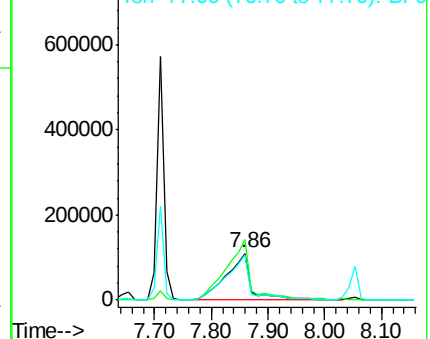


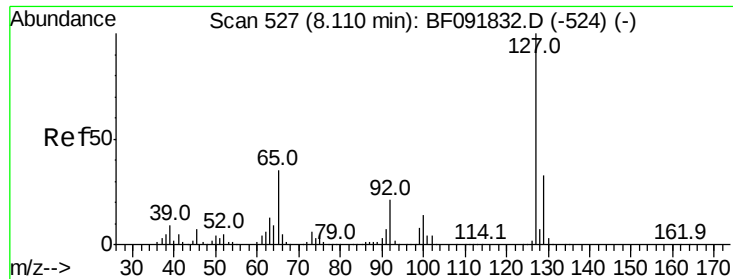
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

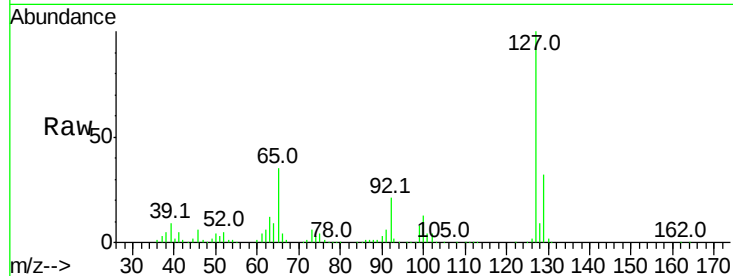




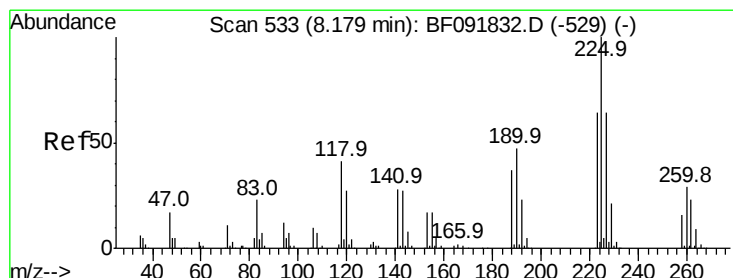
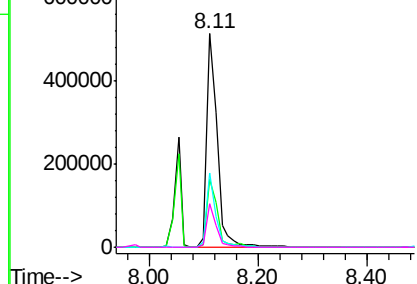
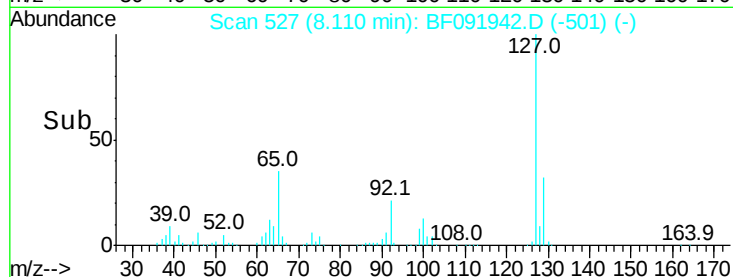
#33
4-Chloroaniline
Concen: 35.60 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	679400
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	34.9	25.8	38.8
92	20.6	16.1	24.1

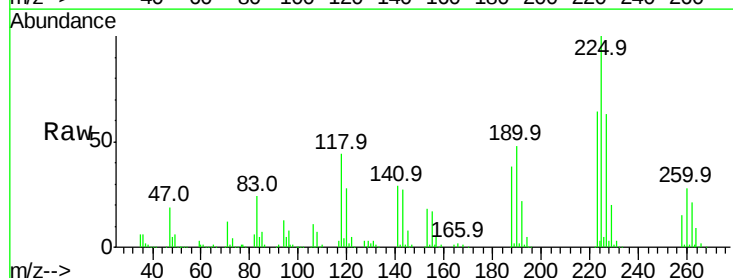


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

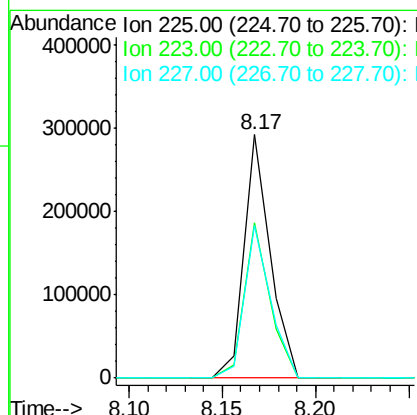
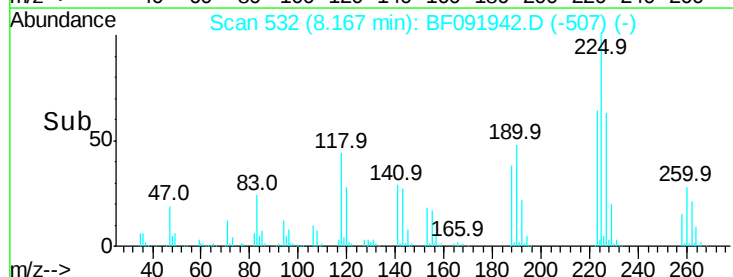


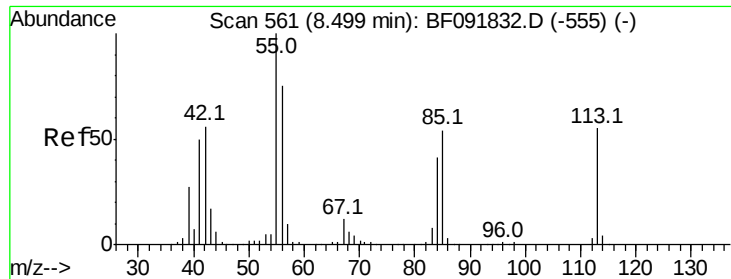
#34
Hexachlorobutadiene
Concen: 40.00 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion:	225	Resp:	283858
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	62.7	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.04 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

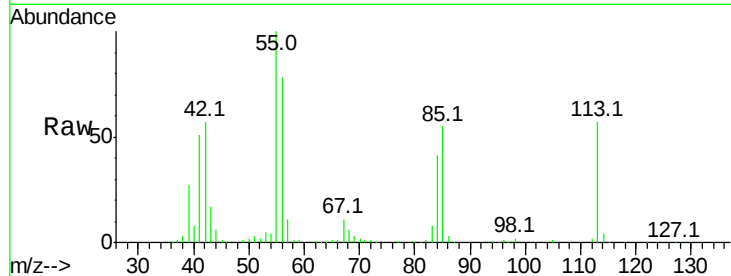
Tot Ion:113 Resp: 133176

Ion Ratio Lower Upper

113 100

55 175.2 119.2 159.2#

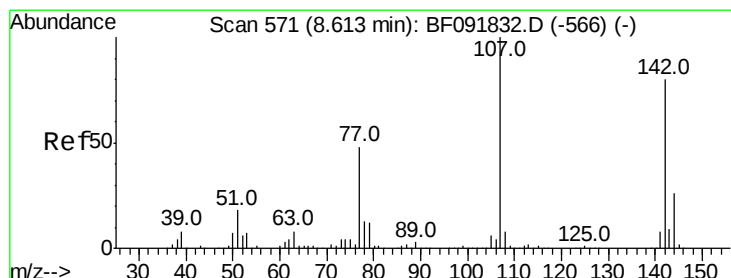
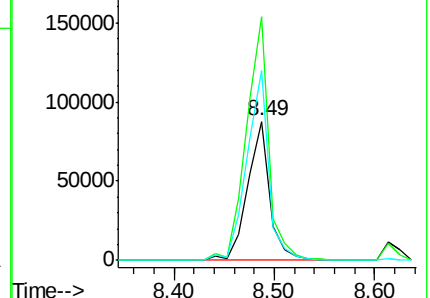
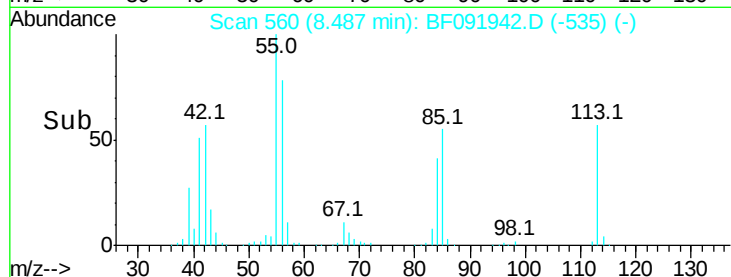
56 136.9 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 33.89 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

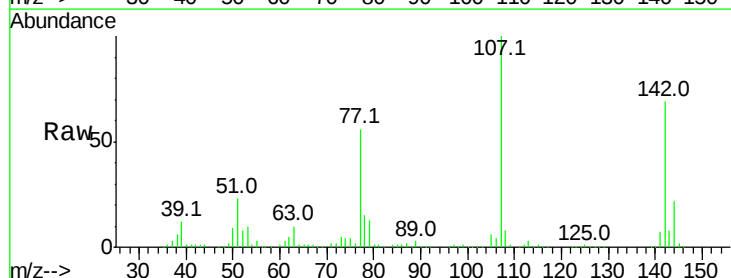
Tgt Ion:107 Resp: 478382

Ion Ratio Lower Upper

107 100

144 22.1 19.3 28.9

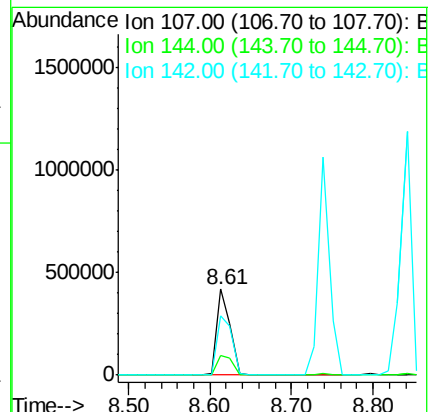
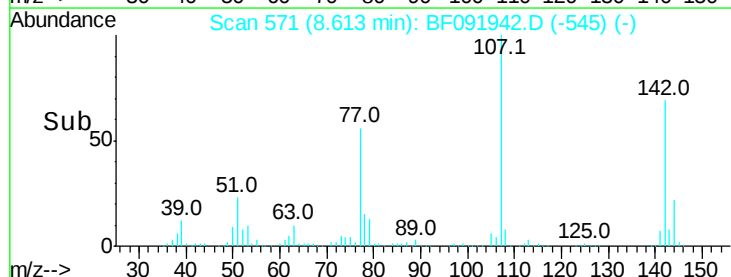
142 68.8 59.0 88.6

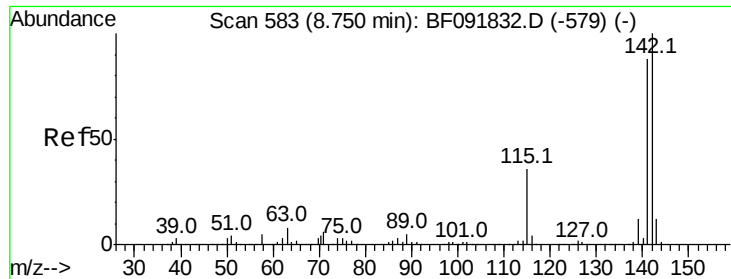


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

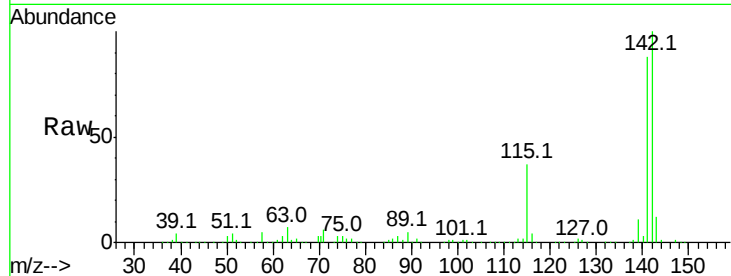




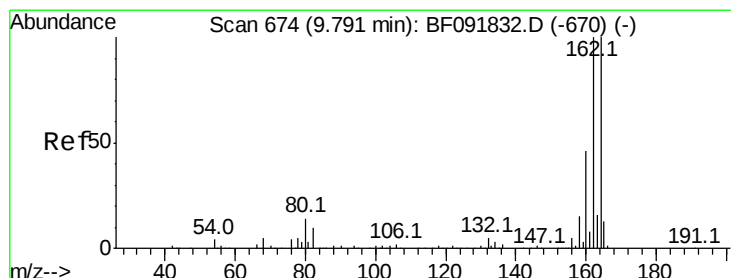
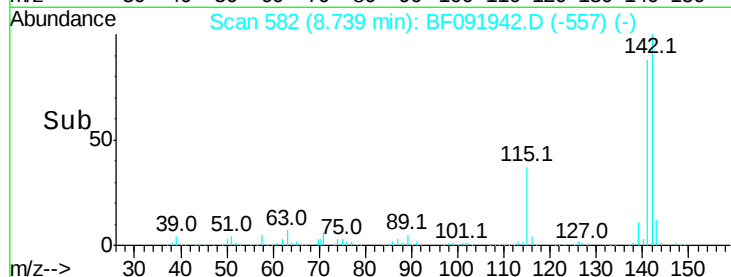
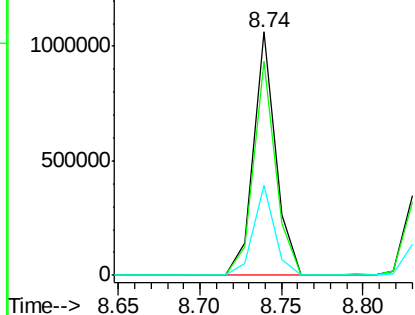
#37
2-Methylnaphthalene
Concen: 36.99 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1010152
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6
115 37.1 28.3 42.5

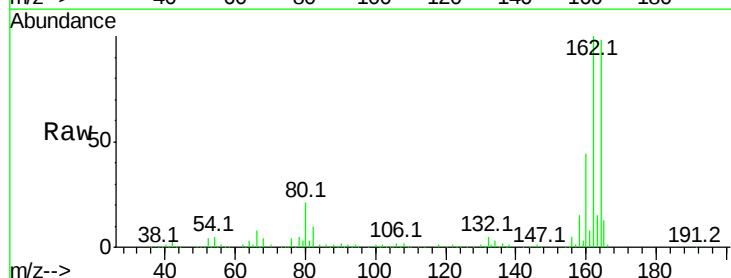


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

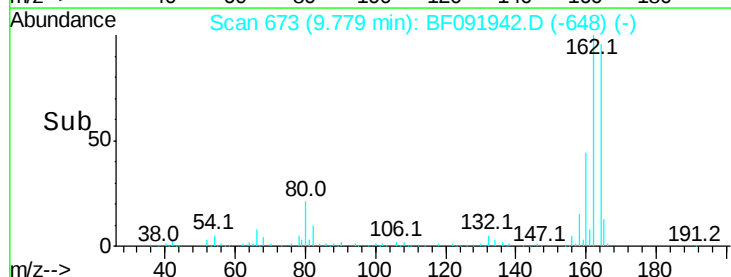
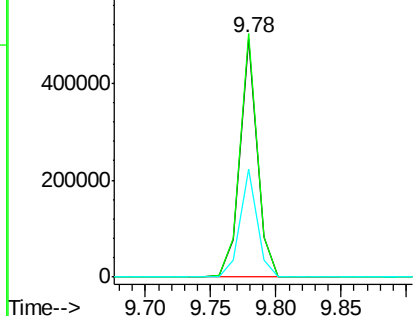


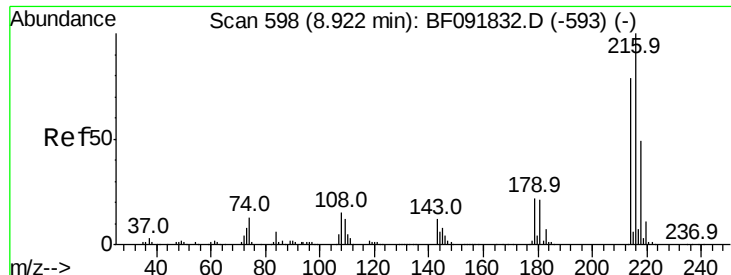
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion:164 Resp: 450082
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.2
160 45.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

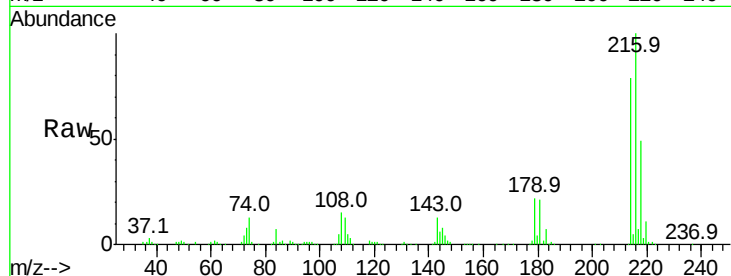




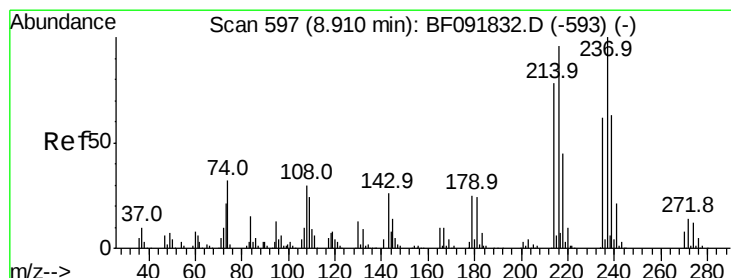
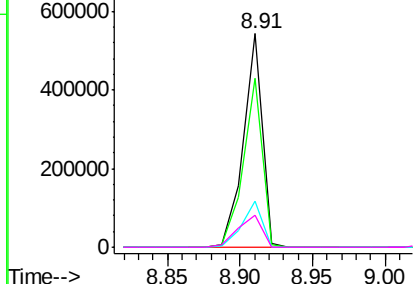
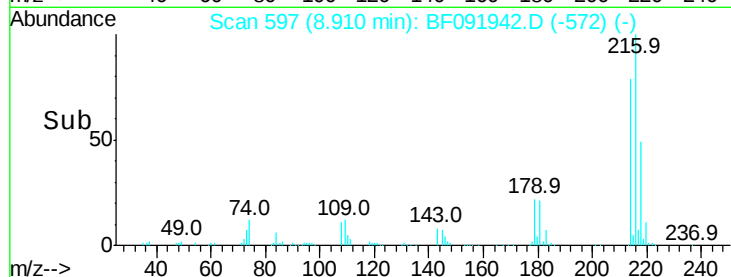
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.14 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	490540
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.0
179	22.7	17.4	26.2
108	19.3	15.6	23.4

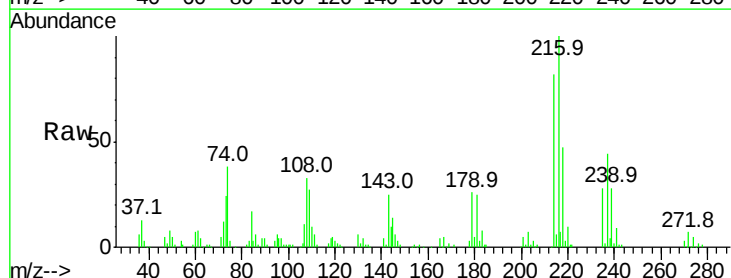


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

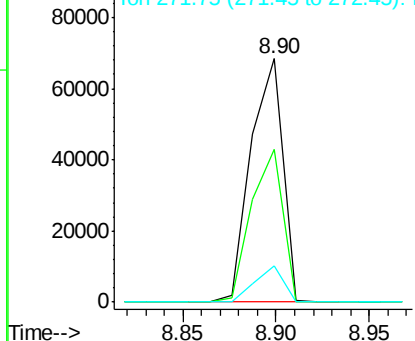
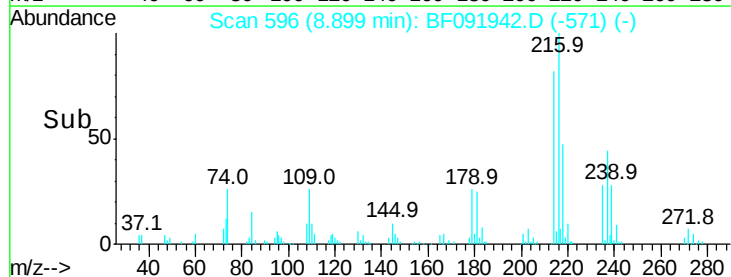


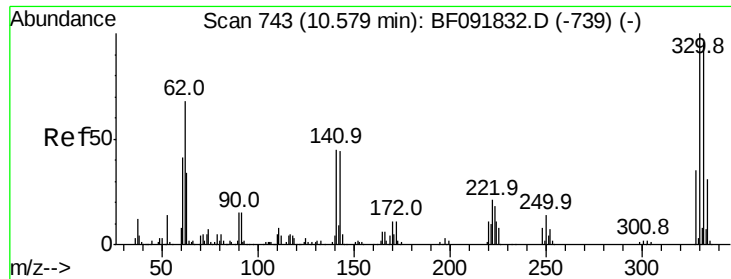
#40
 Hexachlorocyclopentadiene
 Concen: 19.14 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion:	237	Resp:	80800
Ion	Ratio	Lower	Upper
237	100		
235	62.6	41.2	81.2
272	14.8	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

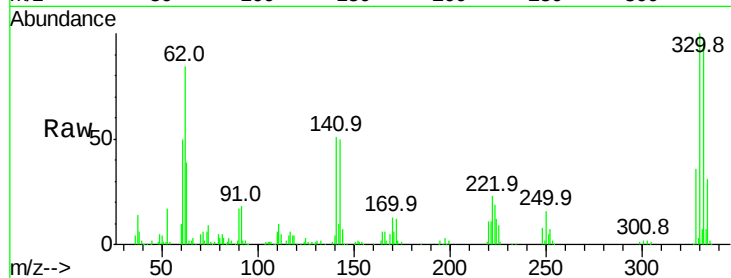




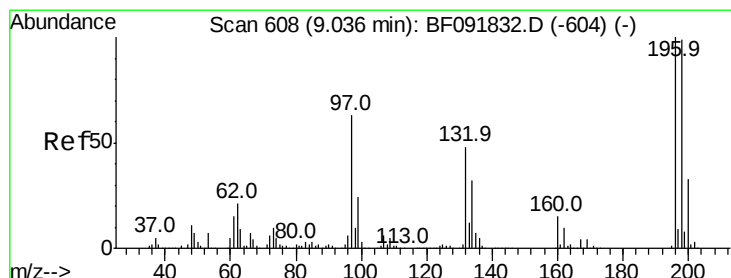
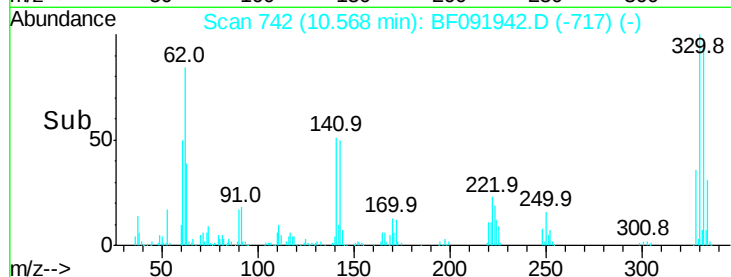
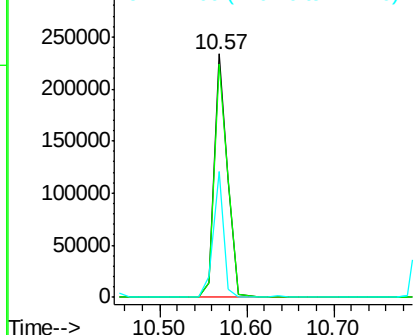
#41
 2,4,6-Tribromophenol
 Concen: 67.72 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 252244
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 40.9 34.1 51.1

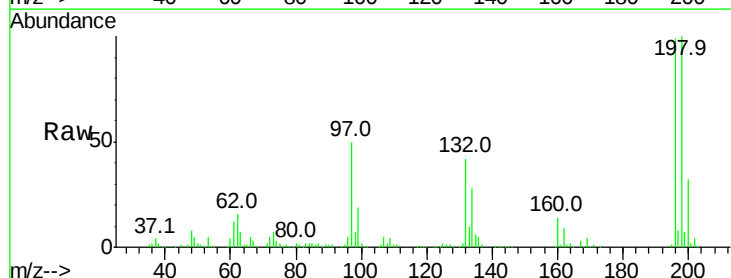


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

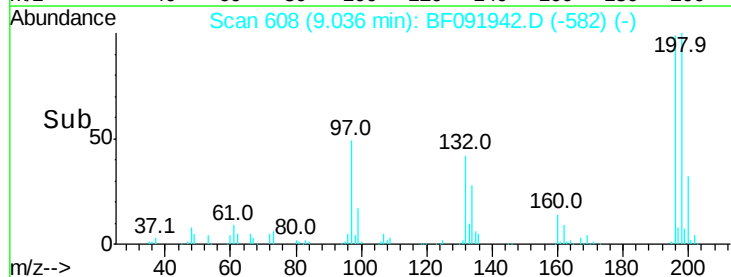
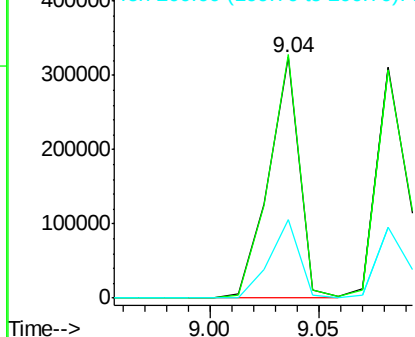


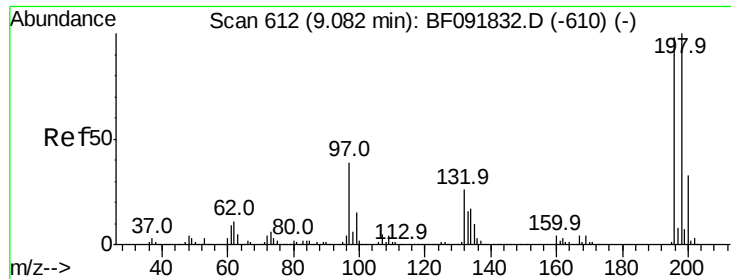
#42
 2,4,6-Trichlorophenol
 Concen: 40.49 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion:196 Resp: 322001
 Ion Ratio Lower Upper
 196 100
 198 101.1 82.1 123.1
 200 32.8 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

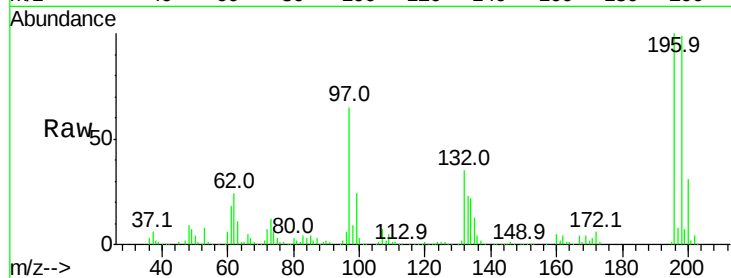




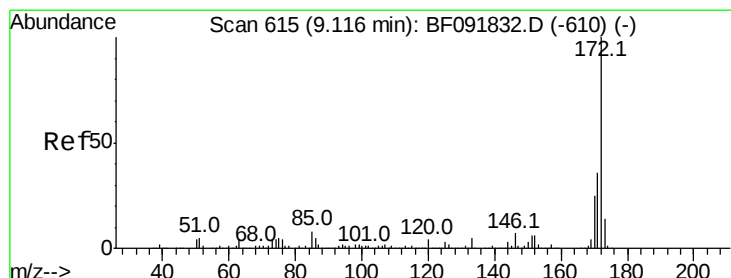
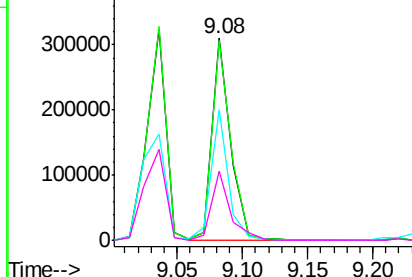
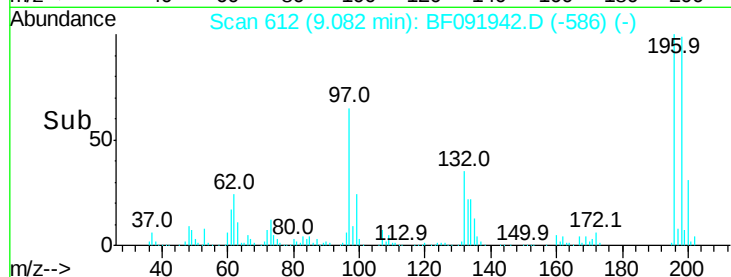
#43
 2,4,5-Trichlorophenol
 Concen: 37.51 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	307002
Ion	Ratio	Lower	Upper
196	100		
198	99.1	79.4	119.2
97	64.7	51.5	77.3
132	34.5	27.4	41.2

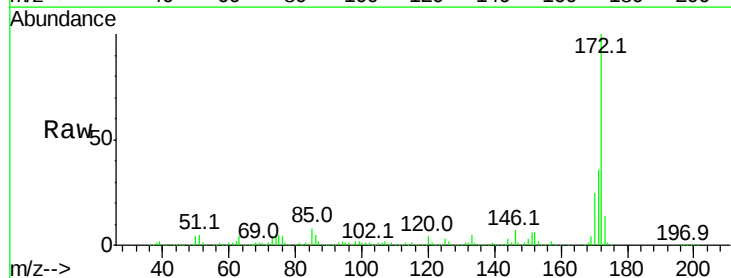


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

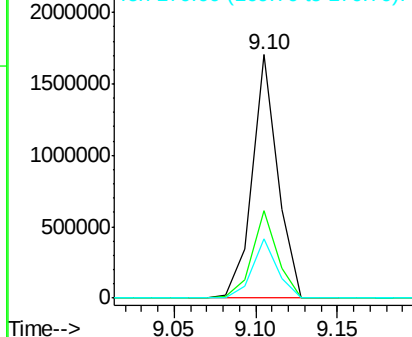
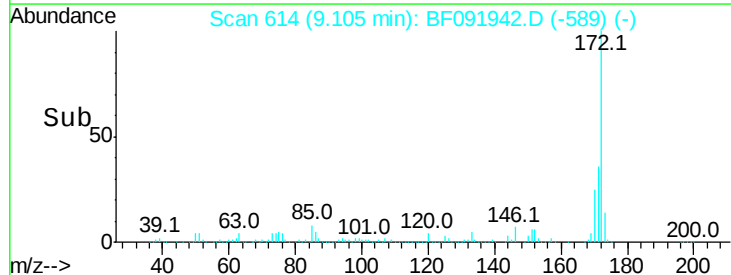


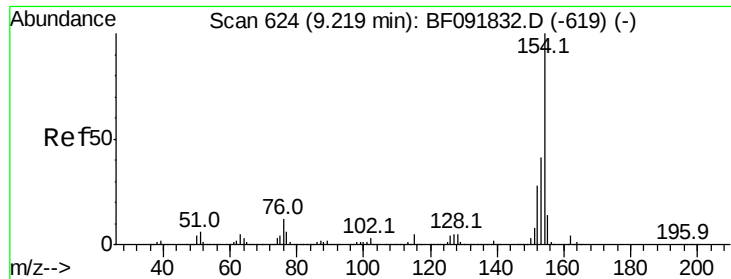
#44
 2-Fluorobiphenyl
 Concen: 83.93 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion:	172	Resp:	1847295
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.5	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.05 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

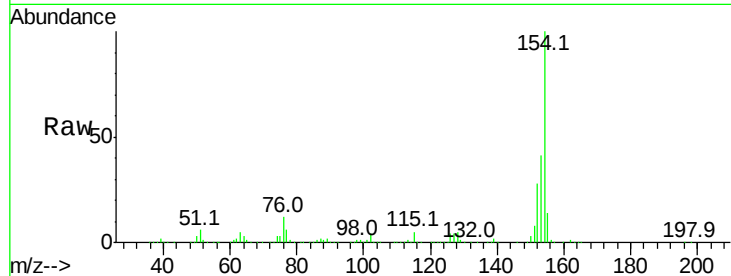
Tot Ion:154 Resp: 1357583

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

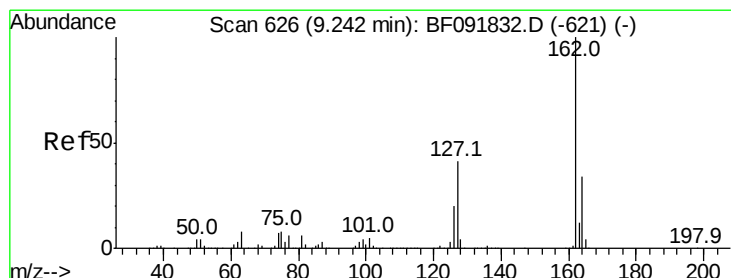
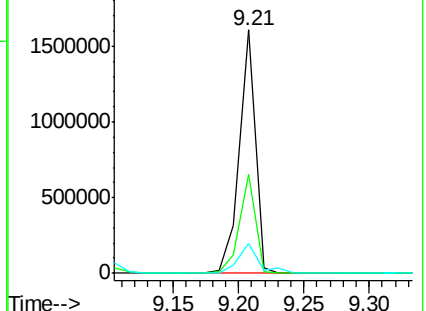
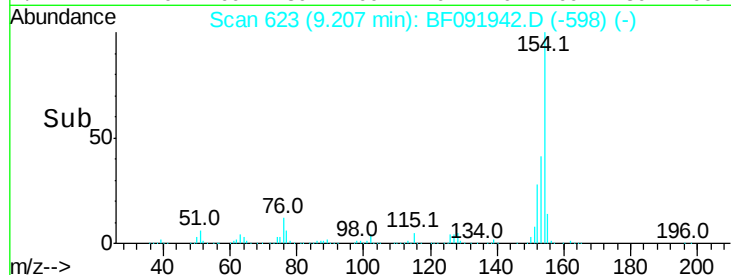
76 12.0 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.52 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

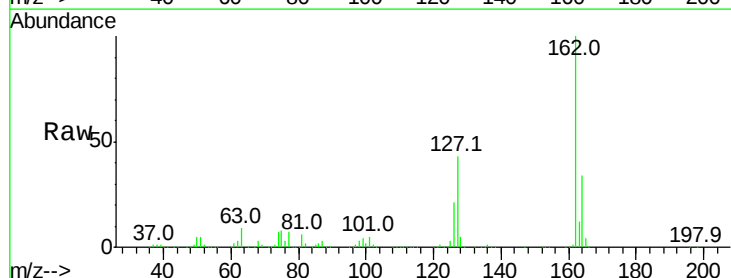
Tgt Ion:162 Resp: 988921

Ion Ratio Lower Upper

162 100

127 43.2 30.7 46.1

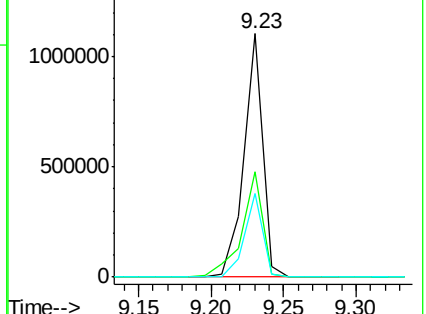
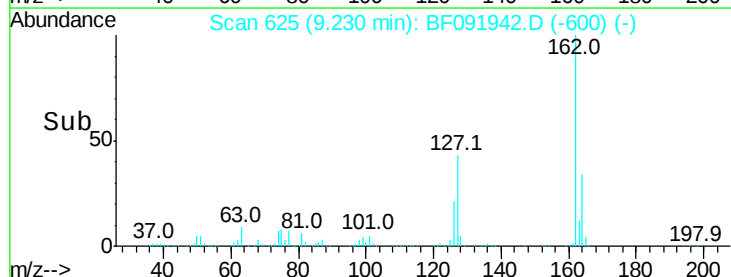
164 34.1 27.6 41.4

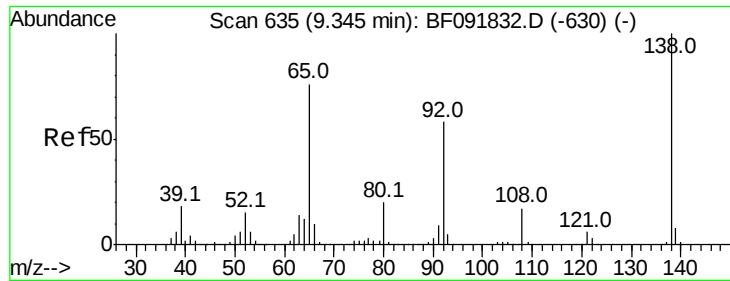


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

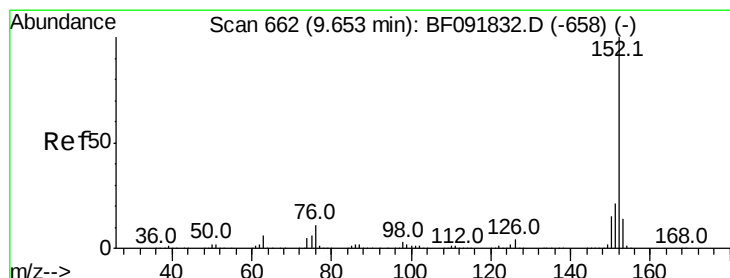
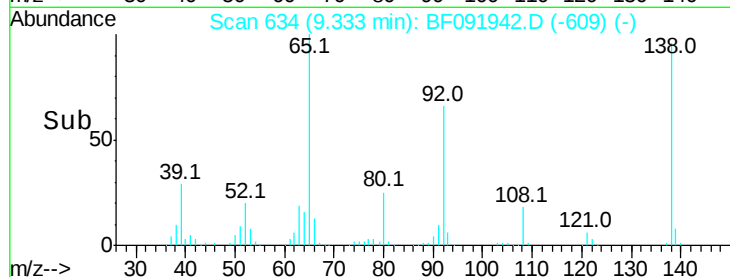
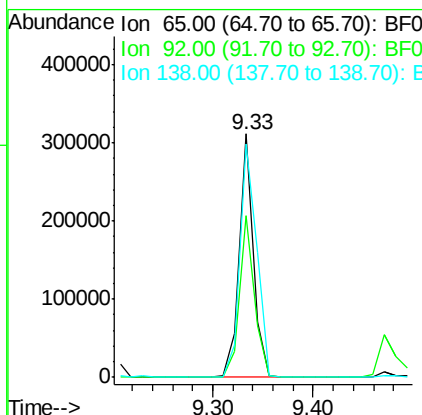
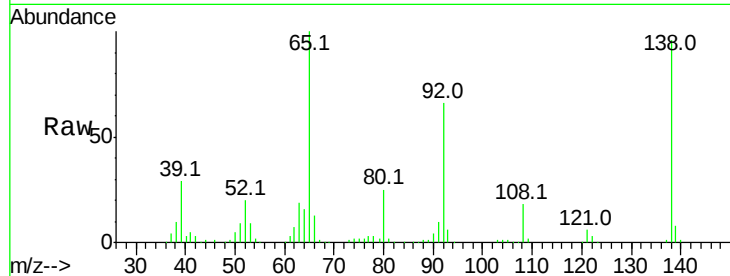




#47
 2-Nitroaniline
 Concen: 35.17 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

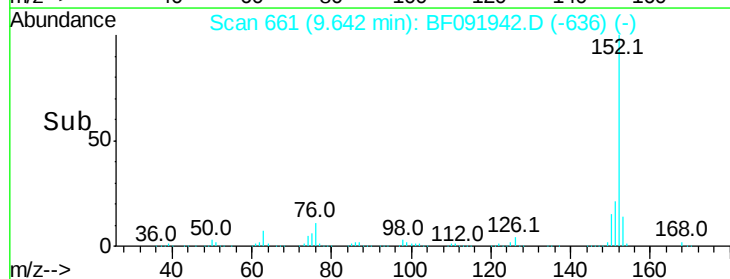
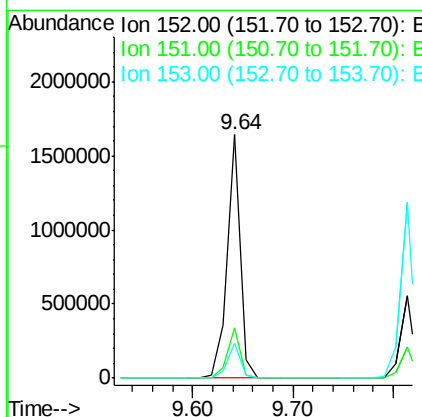
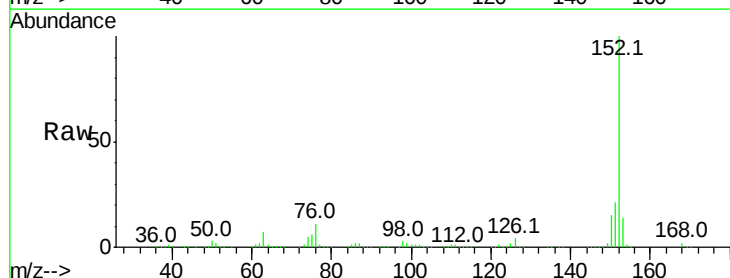
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

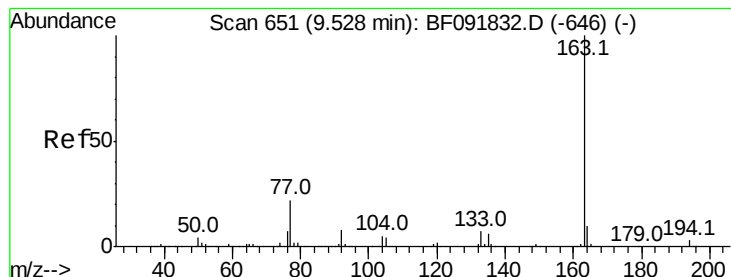
Tot Ion: 65 Resp: 305571
 Ion Ratio Lower Upper
 65 100
 92 66.4 53.9 80.9
 138 95.6 76.8 115.2



#48
 Acenaphthylene
 Concen: 39.24 ng
 RT: 9.64 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion: 152 Resp: 1472724
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.9 25.3
 153 14.3 11.4 17.2





#49

Dimethylphthalate

Concen: 42.17 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

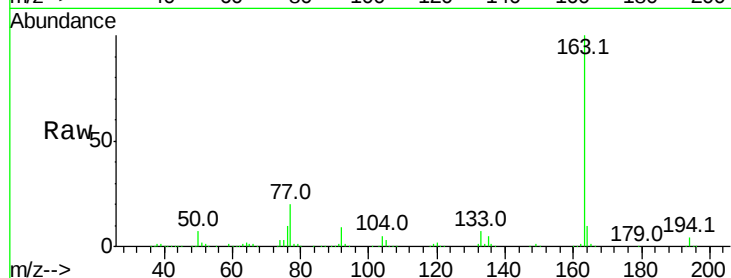
Tot Ion:163 Resp: 1213856

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

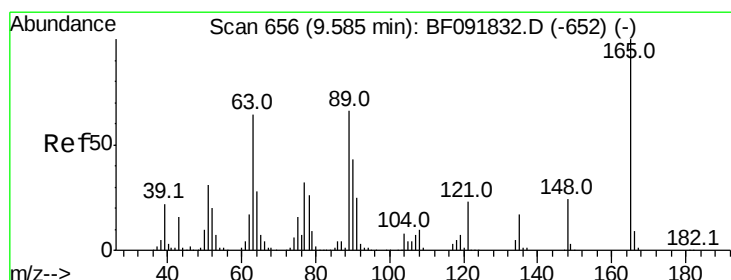
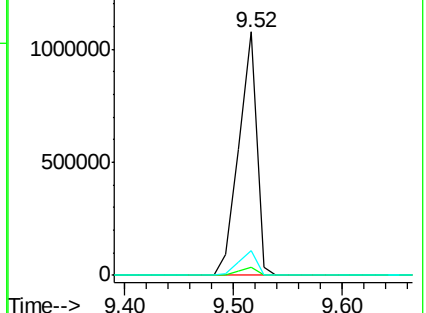
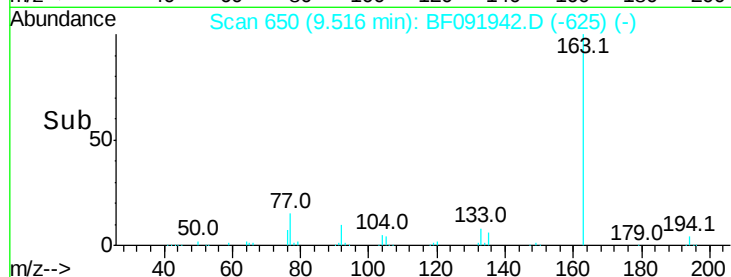
164 10.2 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.38 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

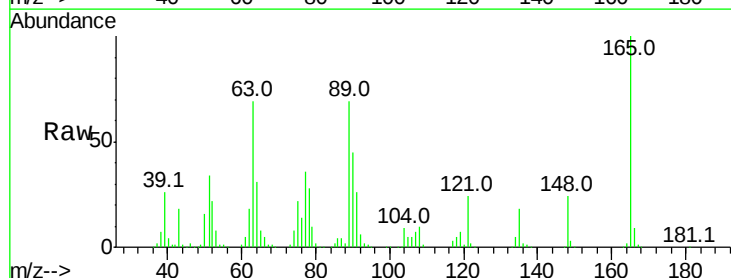
Tgt Ion:165 Resp: 229251

Ion Ratio Lower Upper

165 100

63 69.1 36.2 54.4#

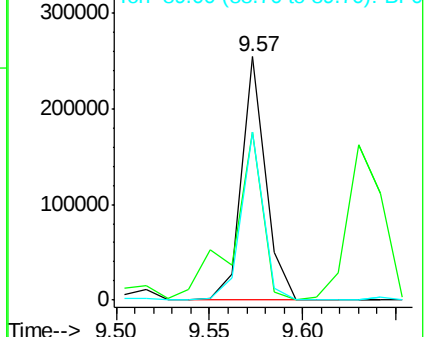
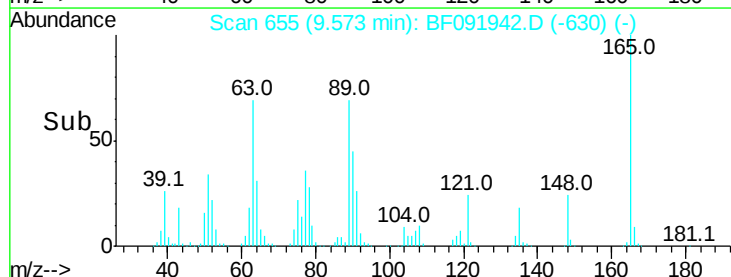
89 69.1 40.2 60.4#

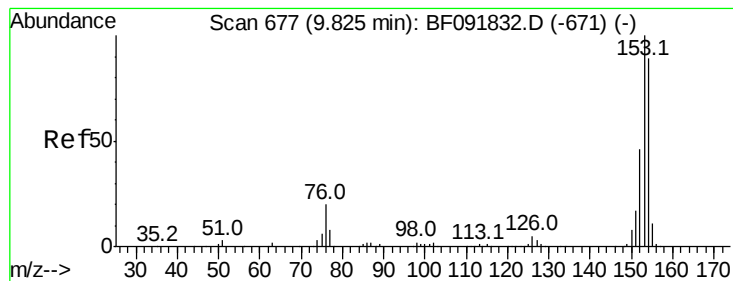


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.19 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

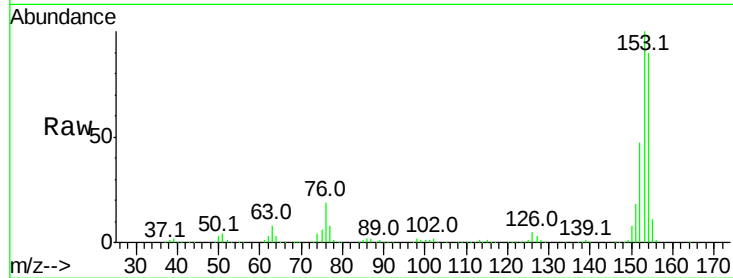
Tot Ion:154 Resp: 946265

Ion Ratio Lower Upper

154 100

153 111.2 88.6 133.0

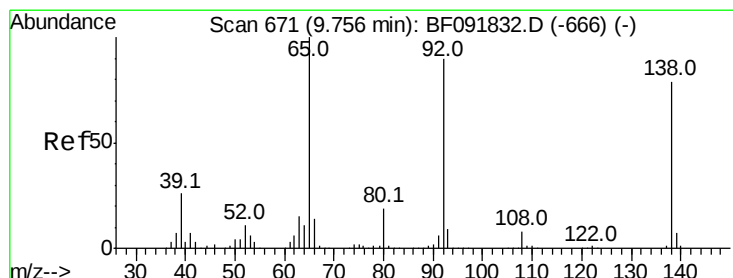
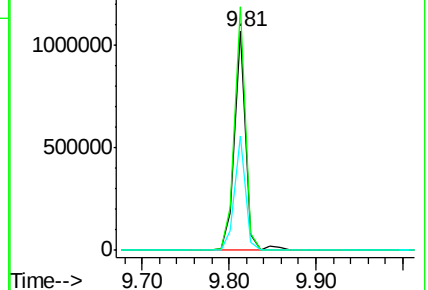
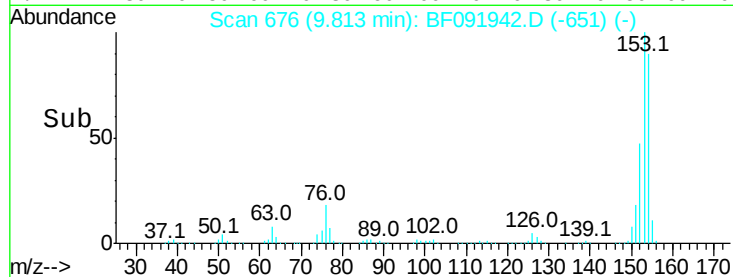
152 52.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.44 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

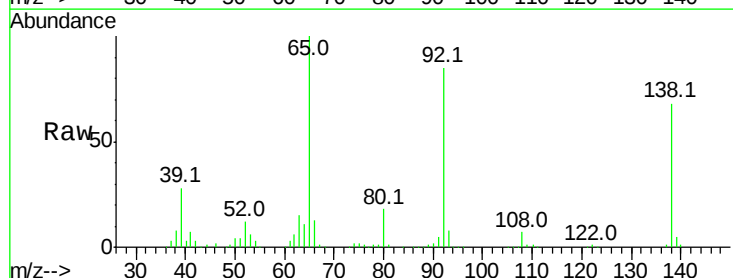
Tgt Ion:138 Resp: 276374

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

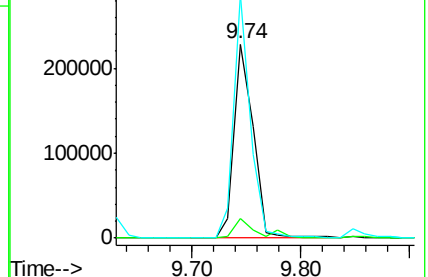
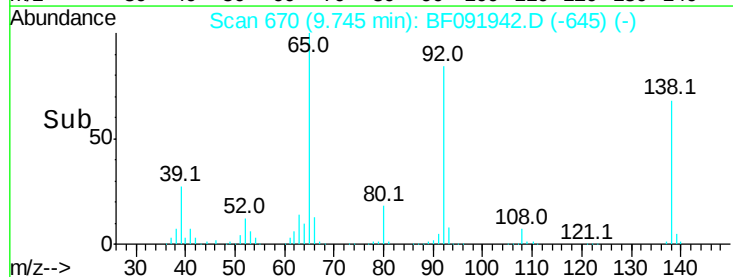
92 125.5 97.8 146.8

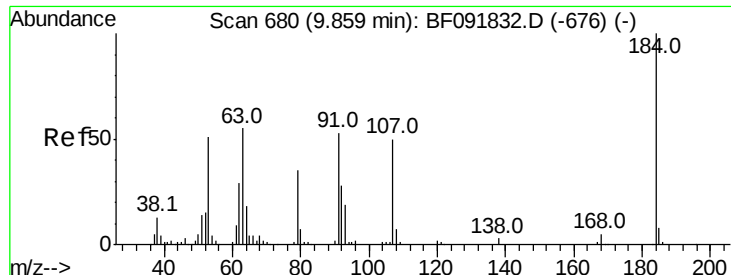


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

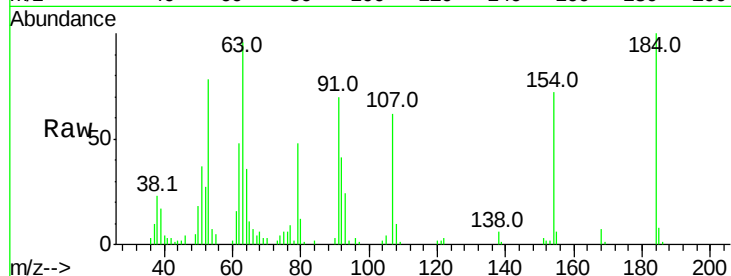




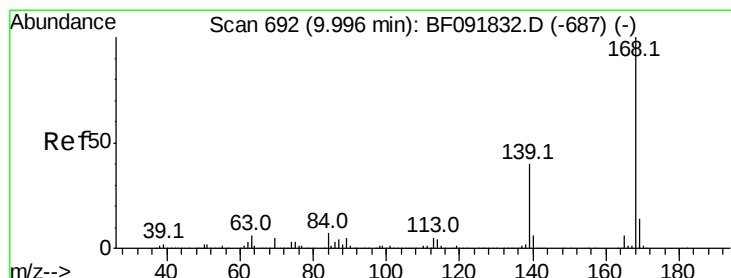
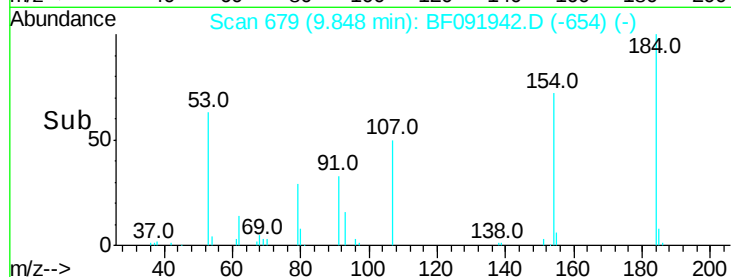
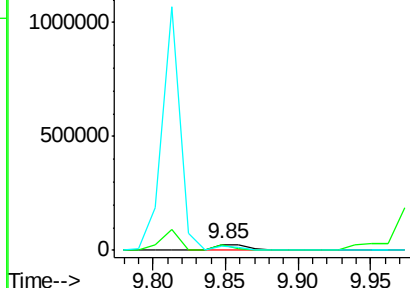
#53
 2,4-Dinitrophenol
 Concen: 11.86 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 41568
 Ion Ratio Lower Upper
 184 100
 63 96.5 28.4 42.6#
 154 72.2 44.3 66.5#

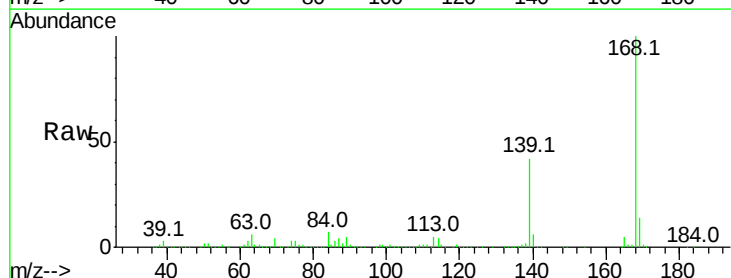


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

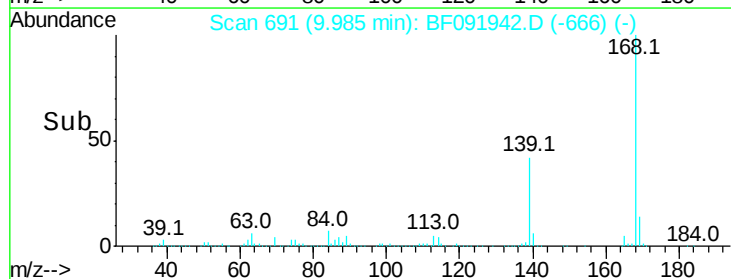
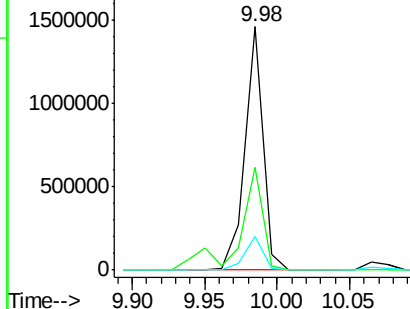


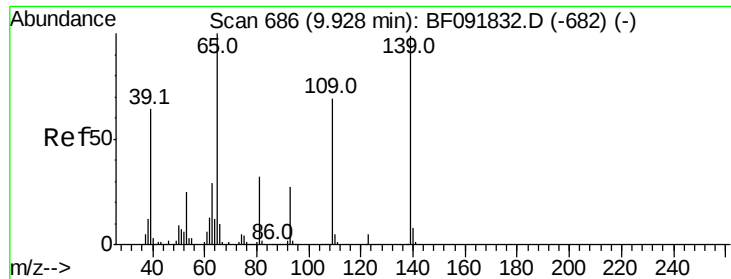
#54
 Dibenzofuran
 Concen: 36.75 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion:168 Resp: 1262949
 Ion Ratio Lower Upper
 168 100
 139 42.0 32.6 49.0
 169 13.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 29.98 ng/mL

RT: 9.95 min Scan# 688

Delta R.T. 0.02 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

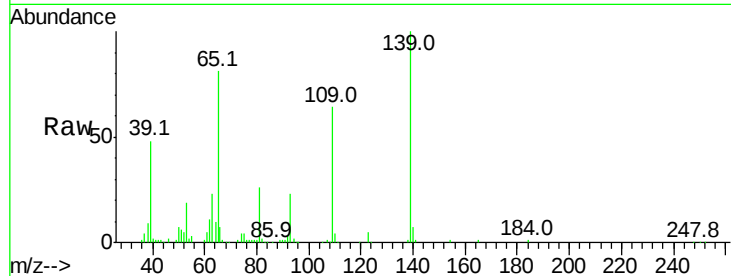
Tot Ion:139 Resp: 158713

Ion Ratio Lower Upper

139 100

109 64.1 52.2 92.2

65 80.8 85.8 125.8#

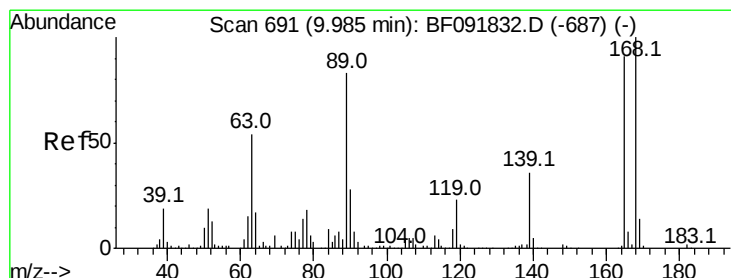
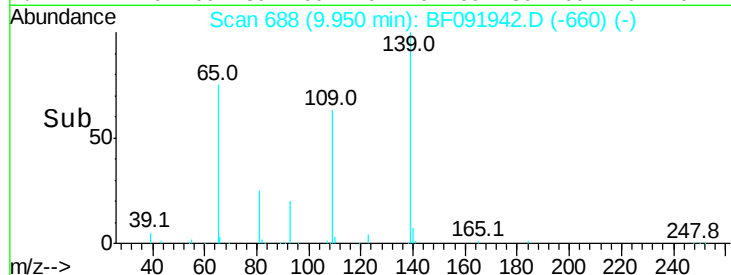
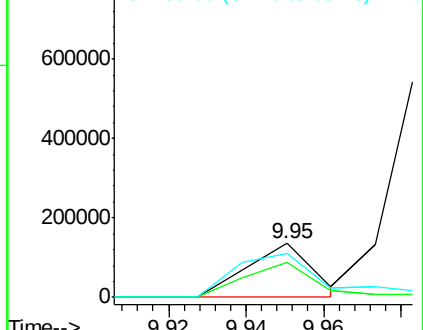


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.40 ng/mL

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Tgt Ion:165 Resp: 279980

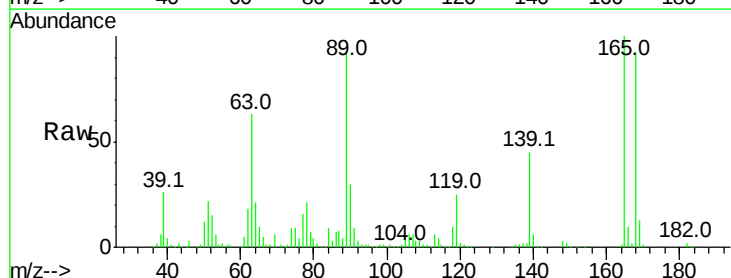
Ion Ratio Lower Upper

165 100

63 62.9 40.2 60.4#

89 92.2 62.5 93.7

182 2.2 1.8 2.8



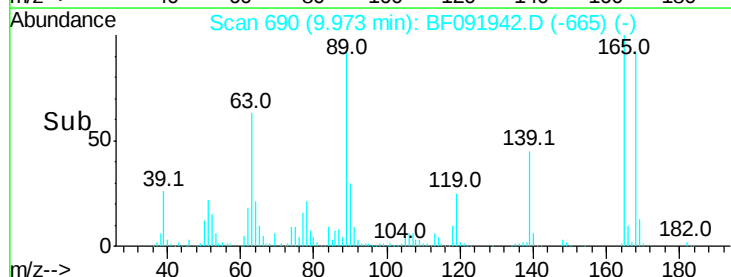
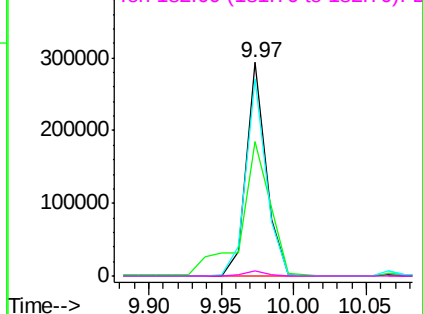
Abundance

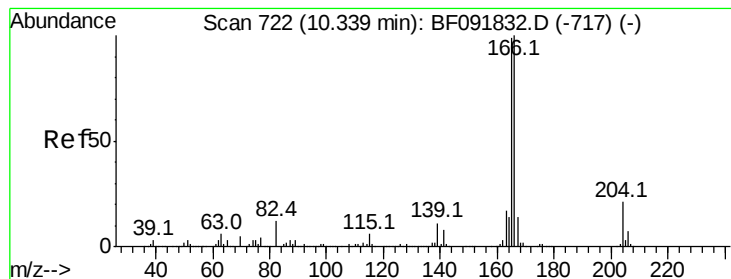
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.67 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

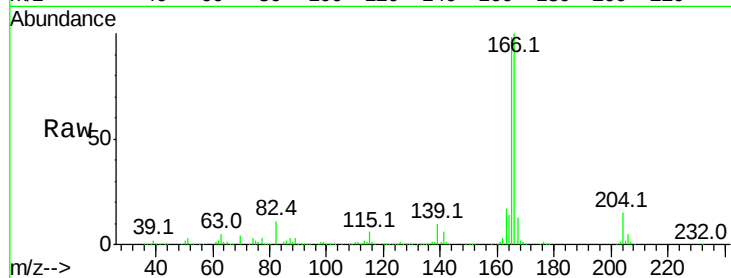
Tot Ion:166 Resp: 1041704

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

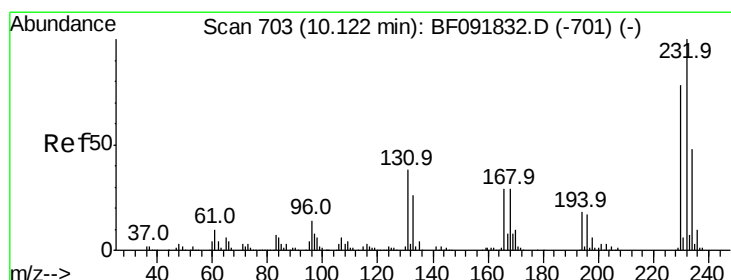
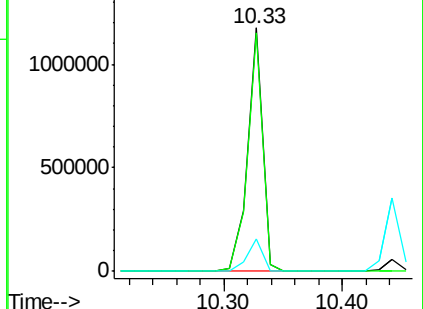
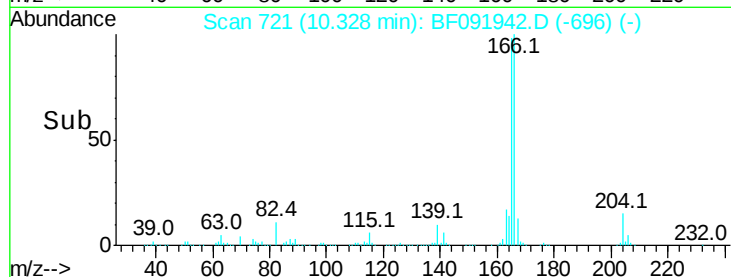
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.55 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Tgt Ion:232 Resp: 230105

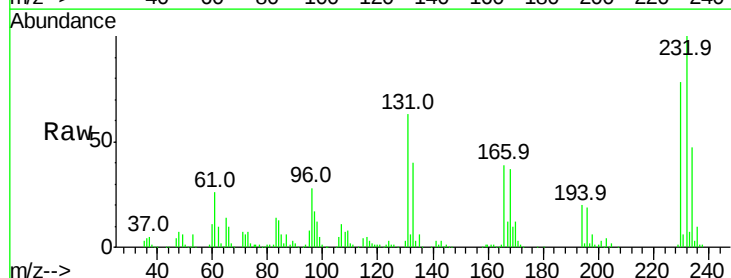
Ion Ratio Lower Upper

232 100

131 52.3 40.1 60.1

130 2.5 1.8 2.8

166 32.9 26.6 39.8

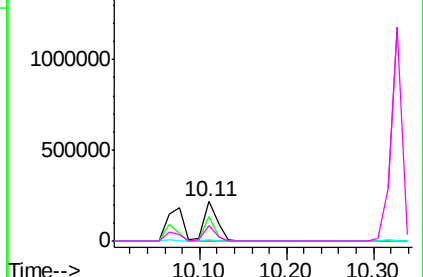
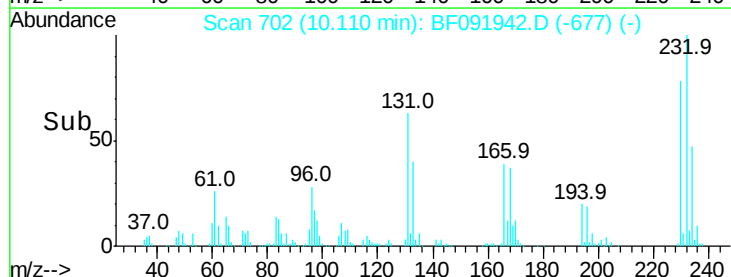


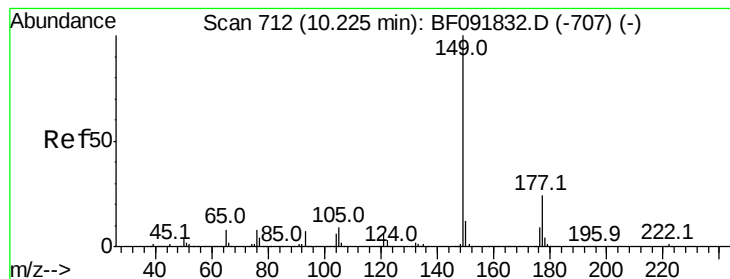
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.88 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

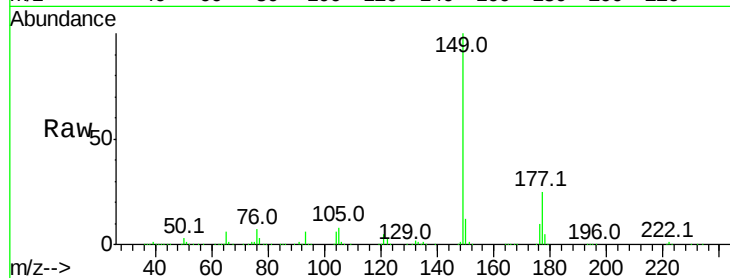
Tot Ion:149 Resp: 1142932

Ion Ratio Lower Upper

149 100

177 24.9 16.6 25.0

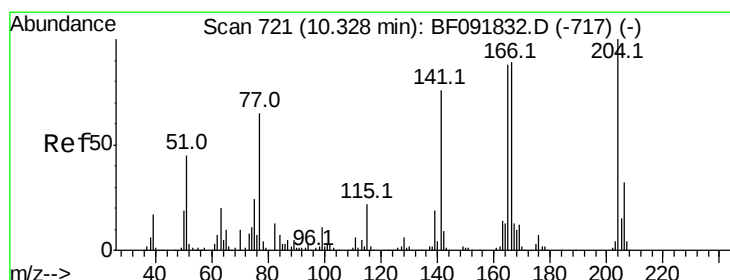
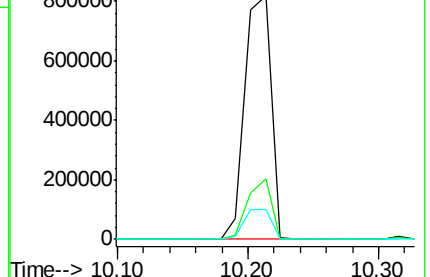
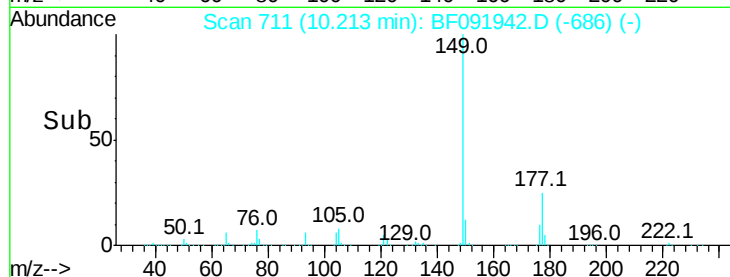
150 12.1 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.14 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

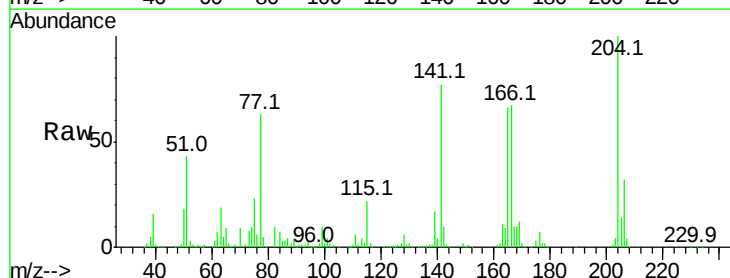
Tgt Ion:204 Resp: 428435

Ion Ratio Lower Upper

204 100

206 31.8 25.8 38.6

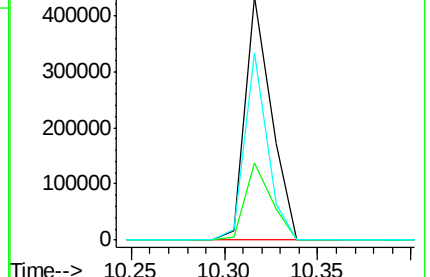
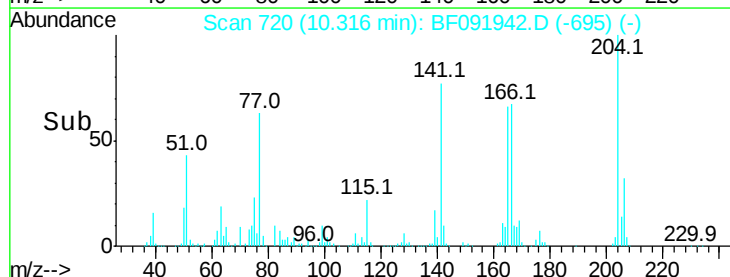
141 77.1 59.4 89.0

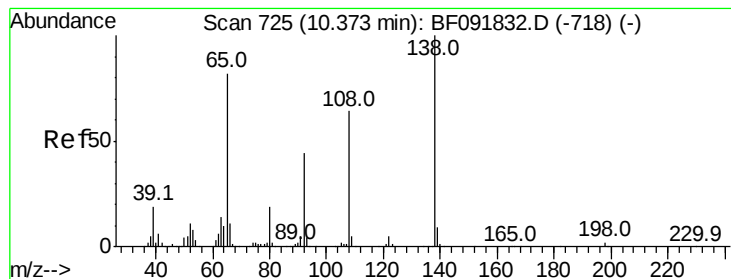


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

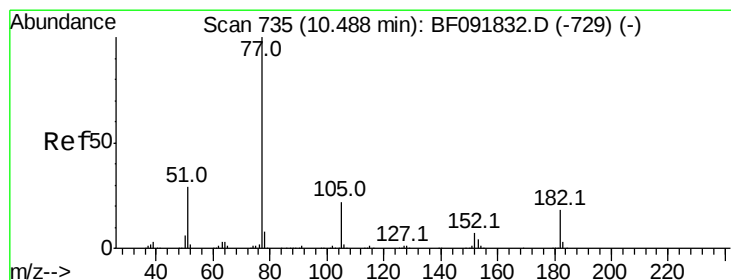
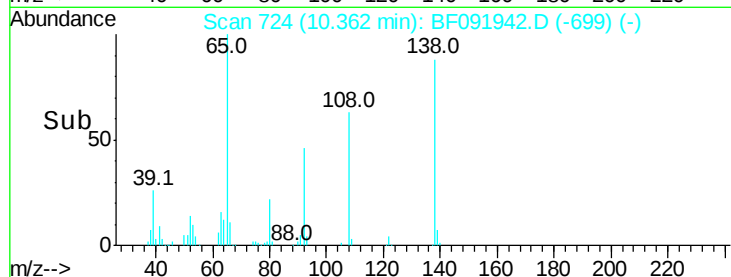
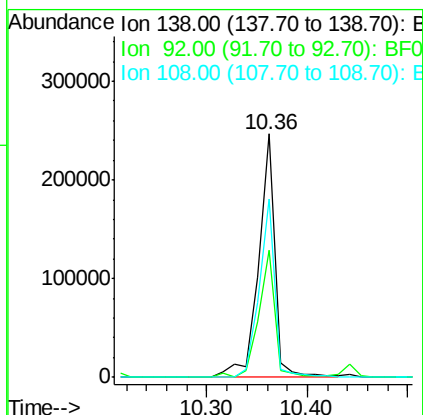
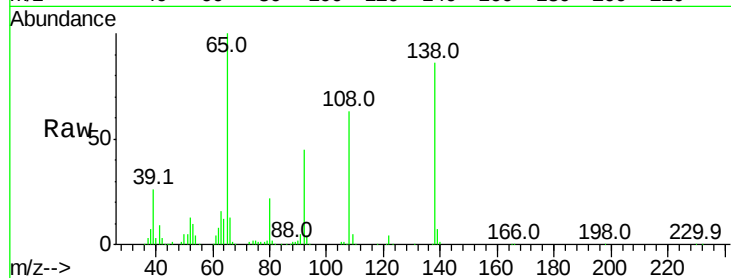




#61
4-Nitroaniline
Concen: 34.47 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

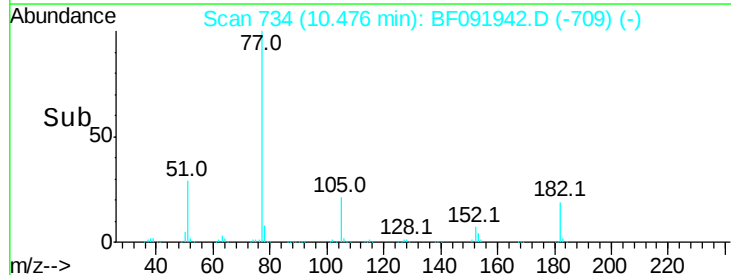
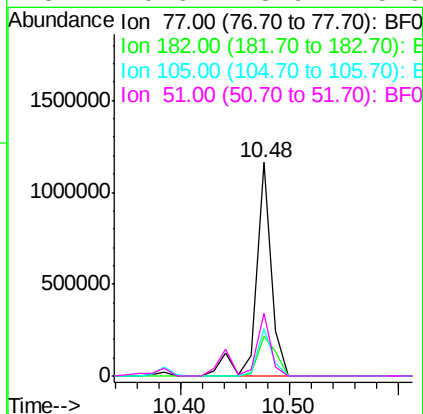
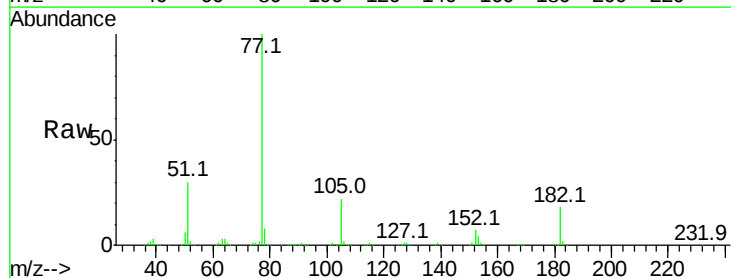
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

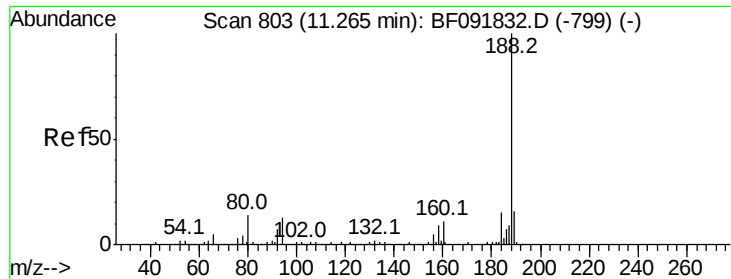
Tot Ion:138 Resp: 278490
Ion Ratio Lower Upper
138 100
92 52.2 31.7 71.7
108 73.2 52.6 92.6



#62
Azobenzene
Concen: 37.42 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion: 77 Resp: 1151675
Ion Ratio Lower Upper
77 100
182 18.5 0.0 39.3
105 22.0 2.3 42.3
51 29.6 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

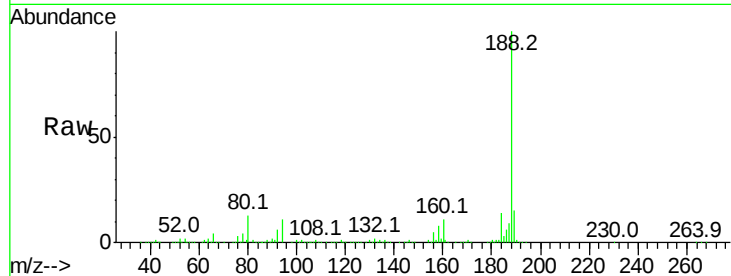
Tot Ion:188 Resp: 670926

Ion Ratio Lower Upper

188 100

94 11.3 10.0 15.0

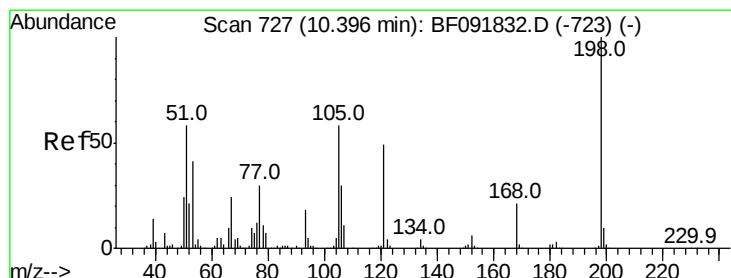
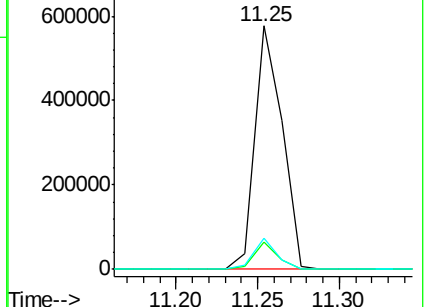
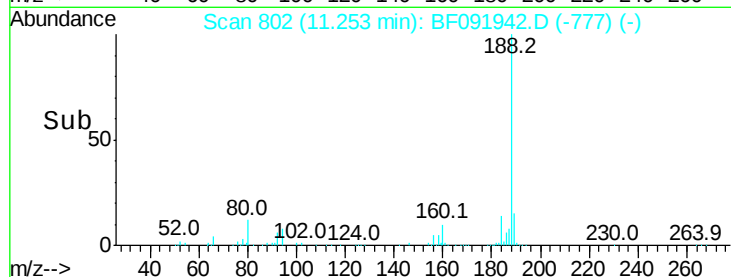
80 12.5 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 22.04 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

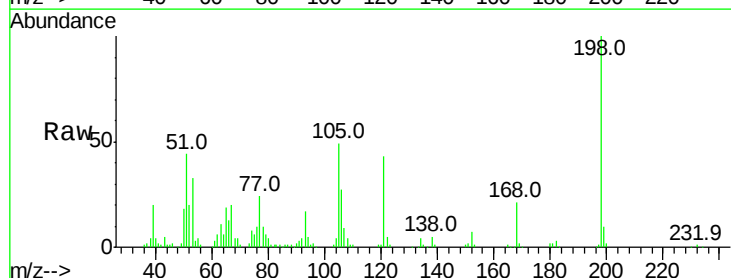
Tgt Ion:198 Resp: 89419

Ion Ratio Lower Upper

198 100

51 43.6 6.7 46.7

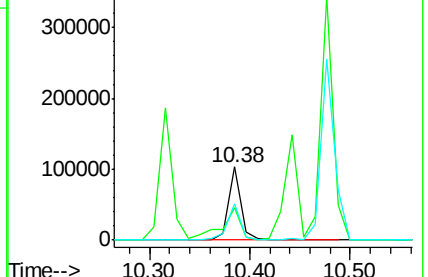
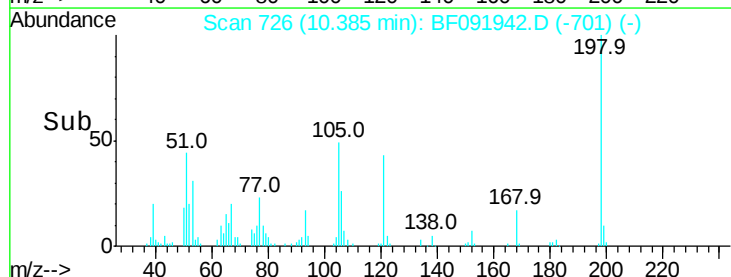
105 49.4 16.6 56.6

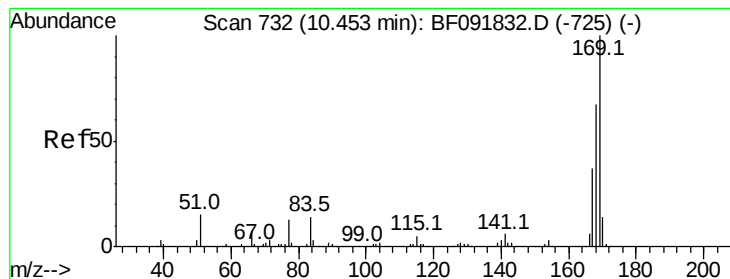


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.37 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

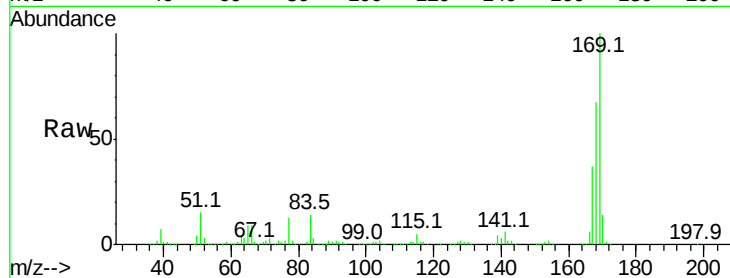
Tot Ion:169 Resp: 843519

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.2

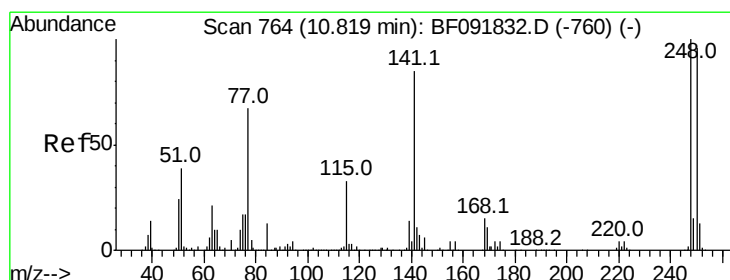
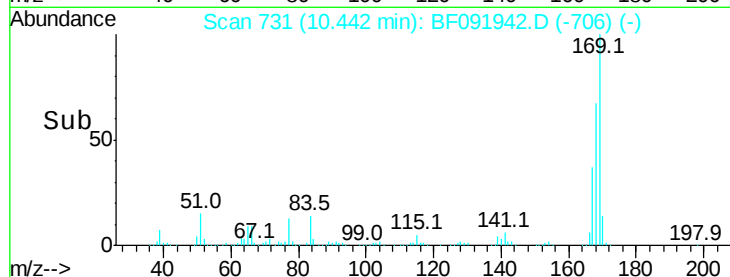
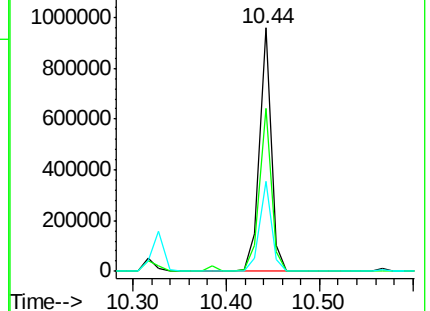
167 37.1 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.42 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

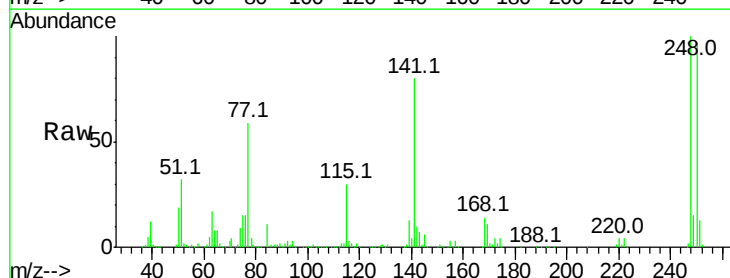
Tgt Ion:248 Resp: 296030

Ion Ratio Lower Upper

248 100

250 96.5 76.9 115.3

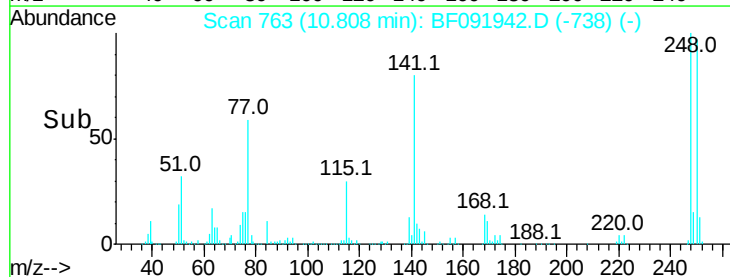
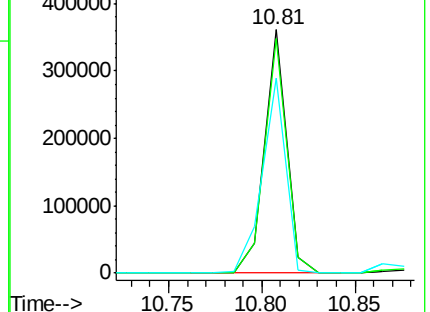
141 80.0 68.2 102.4

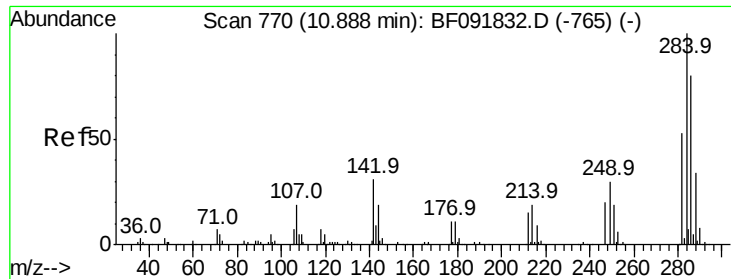


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

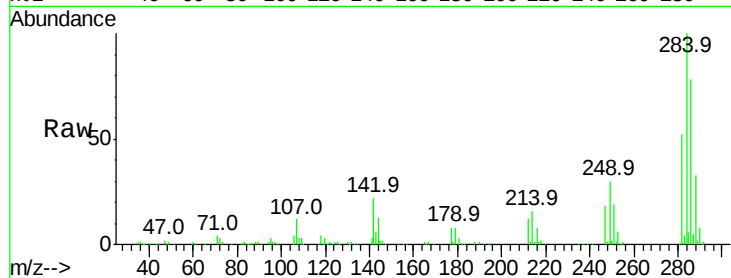




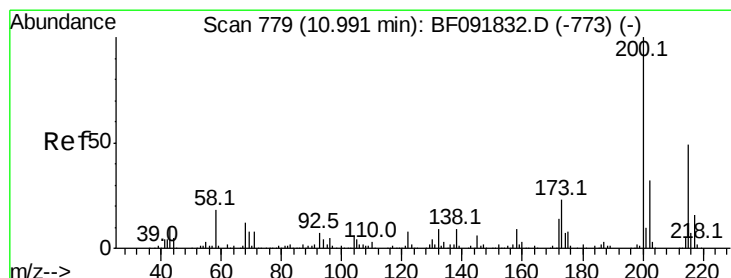
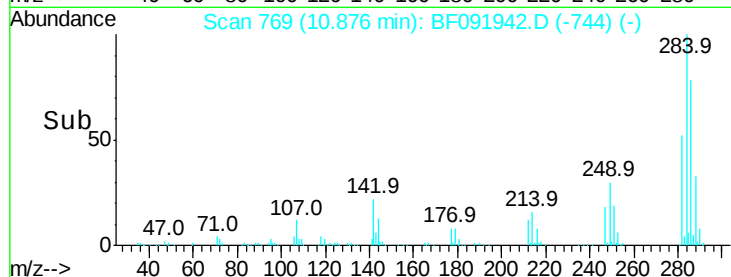
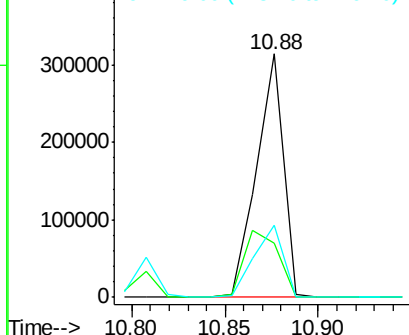
#67
Hexachlorobenzene
Concen: 41.81 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 311929
Ion Ratio Lower Upper
284 100
142 22.1 22.6 33.8#
249 29.6 25.4 38.0

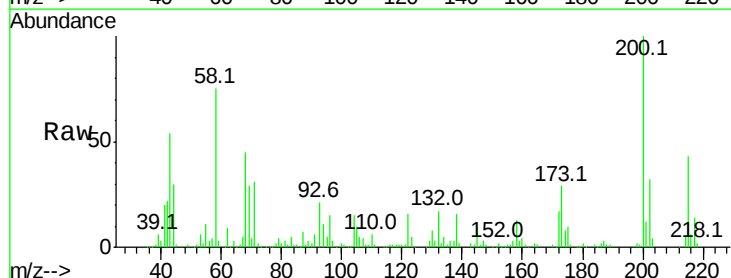


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

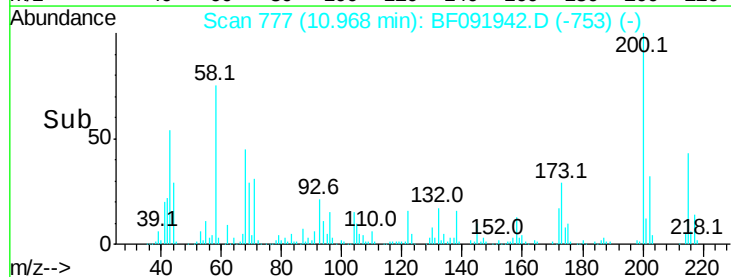
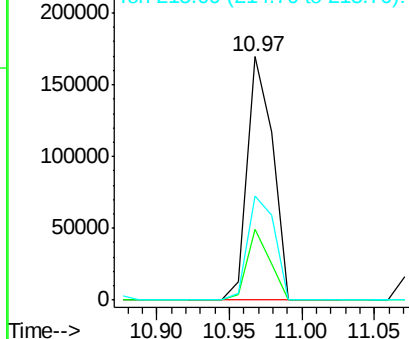


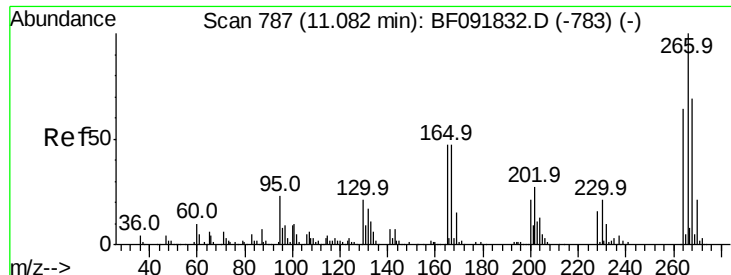
#68
Atrazine
Concen: 32.13 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion:200 Resp: 206359
Ion Ratio Lower Upper
200 100
173 29.3 9.6 49.6
215 42.5 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

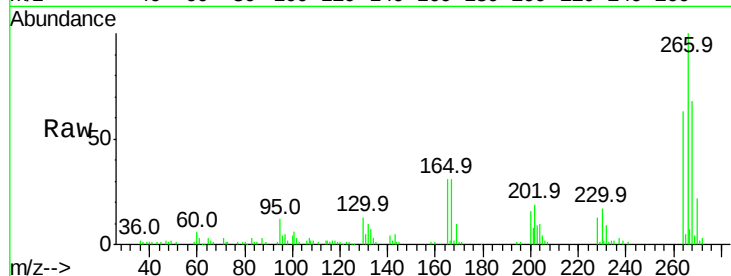




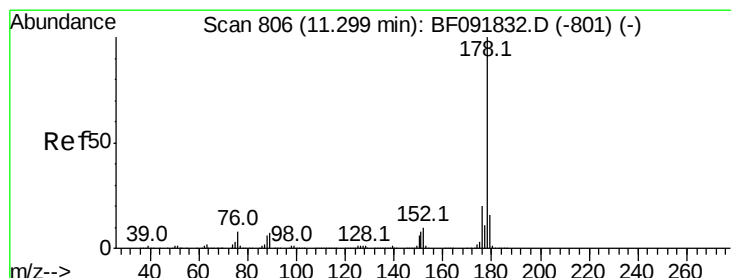
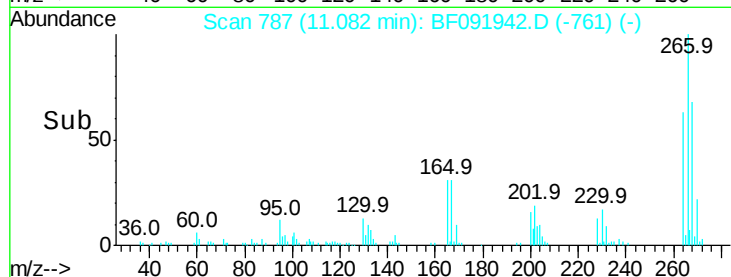
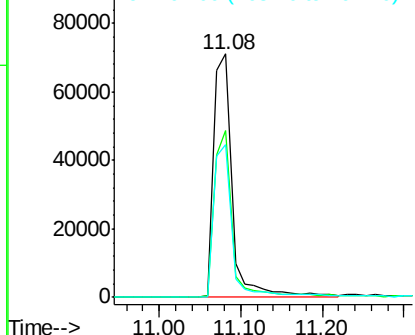
#69
 Pentachlorophenol
 Concen: 31.25 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 114393
 Ion Ratio Lower Upper
 266 100
 268 68.4 53.3 79.9
 264 62.8 50.3 75.5

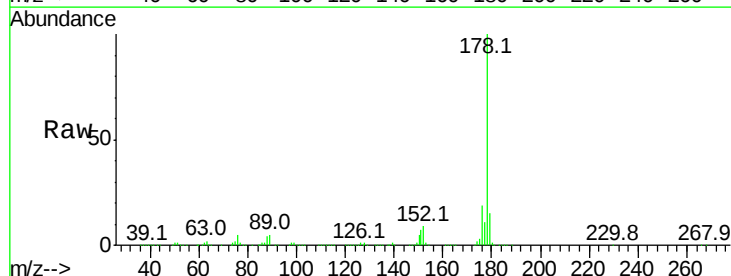


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

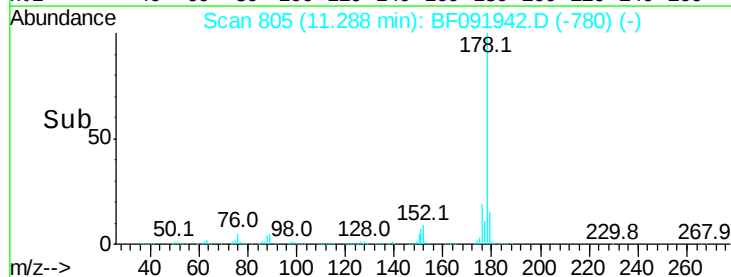
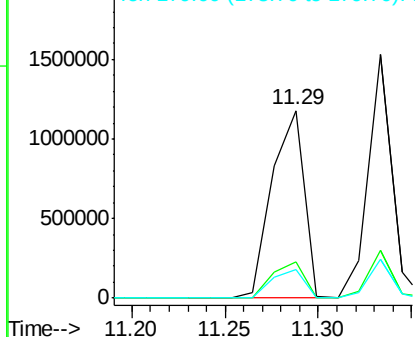


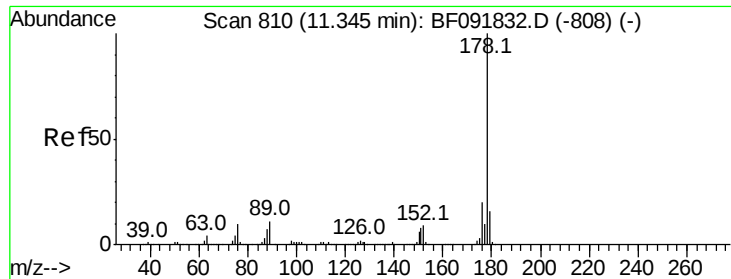
#70
 Phenanthrene
 Concen: 38.78 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion:178 Resp: 1410846
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.6 25.0
 179 15.3 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

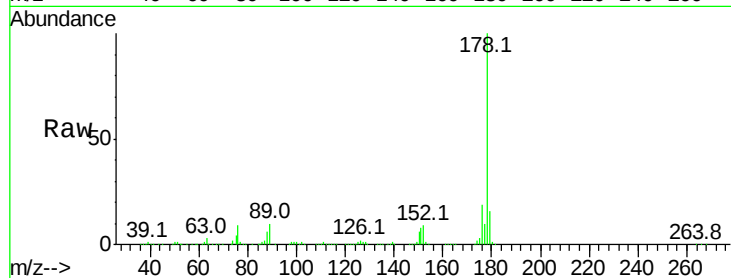




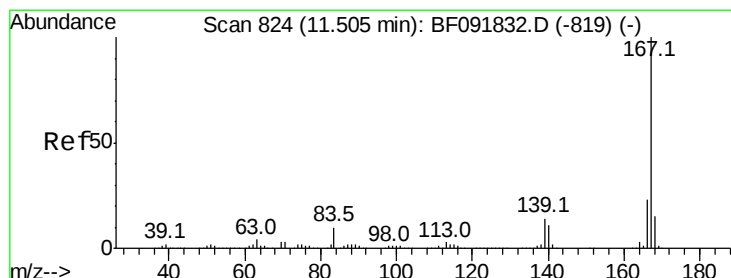
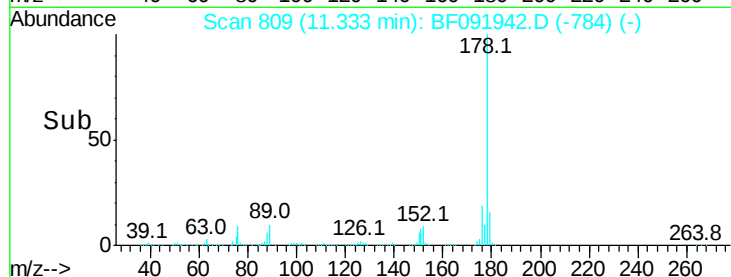
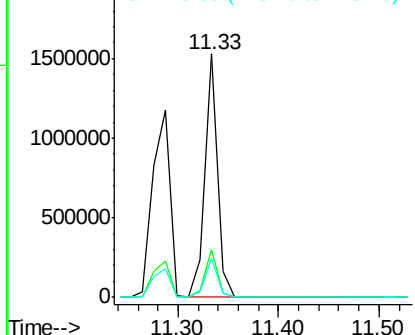
#71
 Anthracene
 Concen: 39.70 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1332740
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.9 13.2 19.8

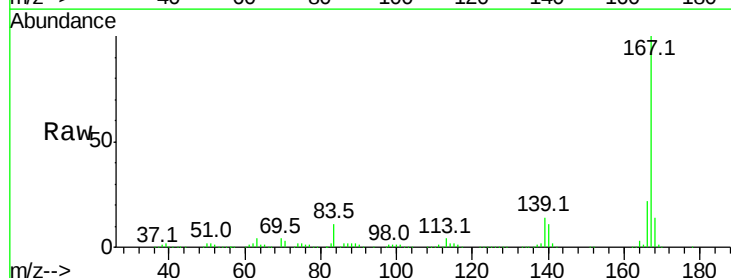


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

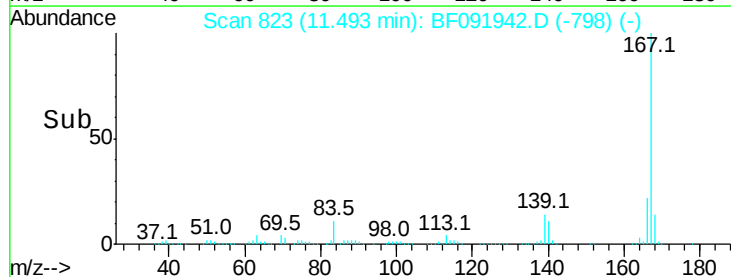
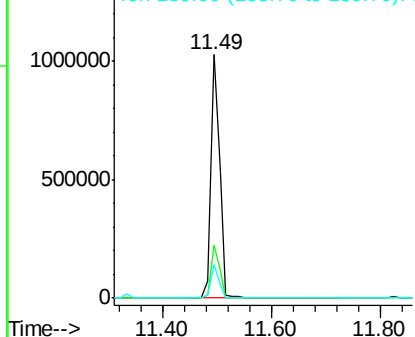


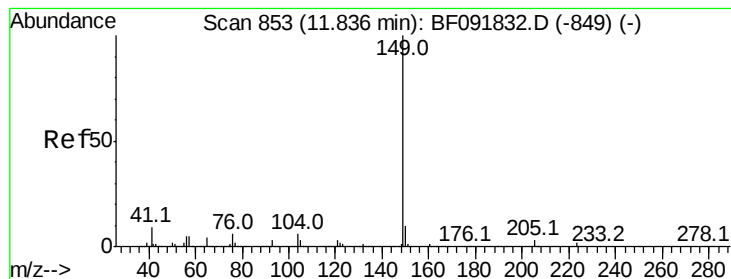
#72
 Carbazole
 Concen: 34.74 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion:167 Resp: 1146476
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 14.1 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.83 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

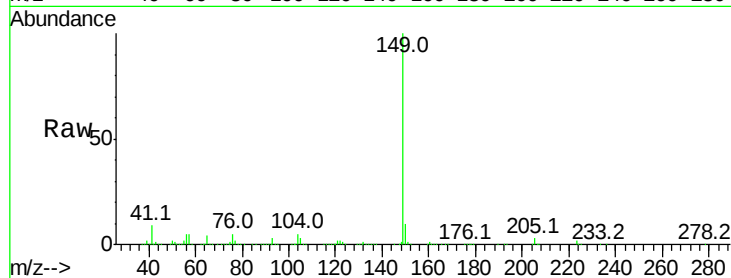
Tot Ion:149 Resp: 1545918

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

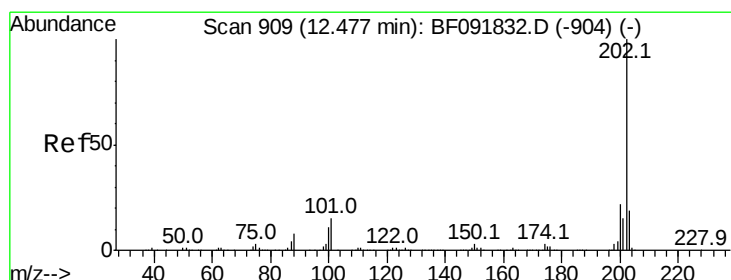
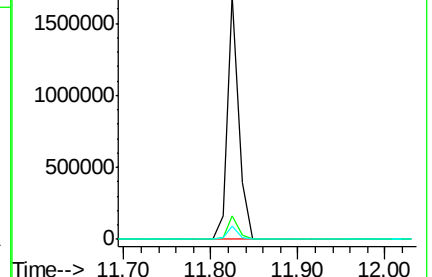
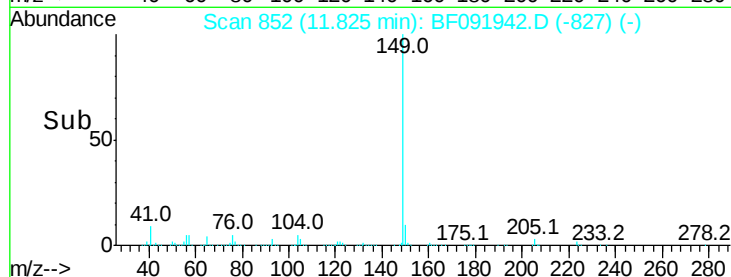
104 5.5 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.39 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

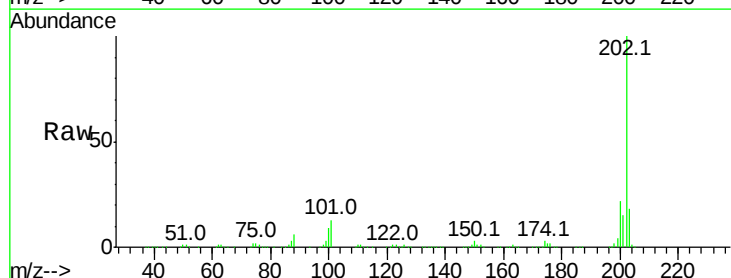
Tgt Ion:202 Resp: 1184944

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.6

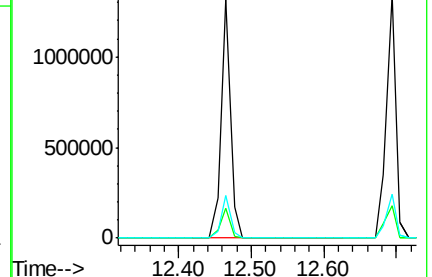
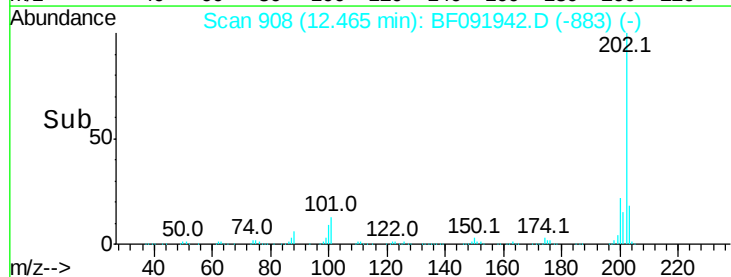
203 18.1 0.0 38.7

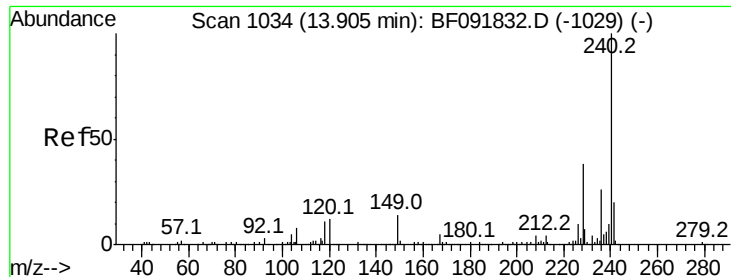


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

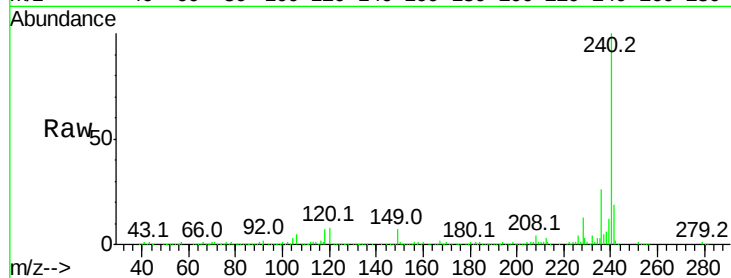
Tot Ion:240 Resp: 431163

Ion Ratio Lower Upper

240 100

120 8.0 12.9 19.3#

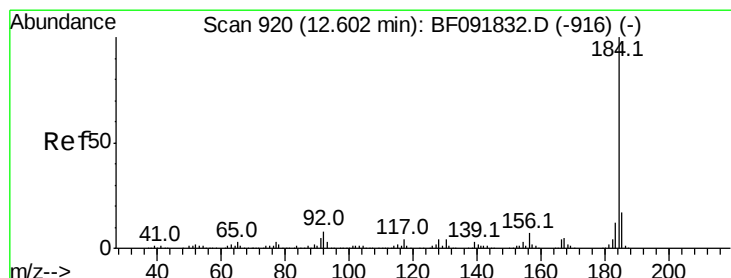
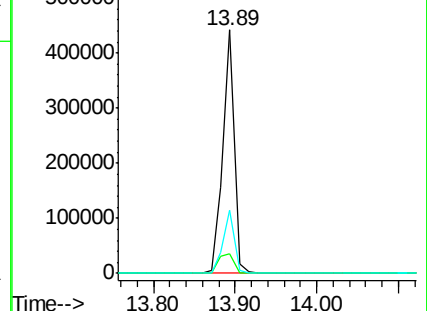
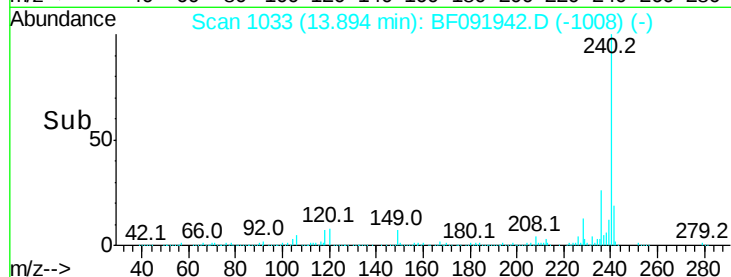
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.57 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

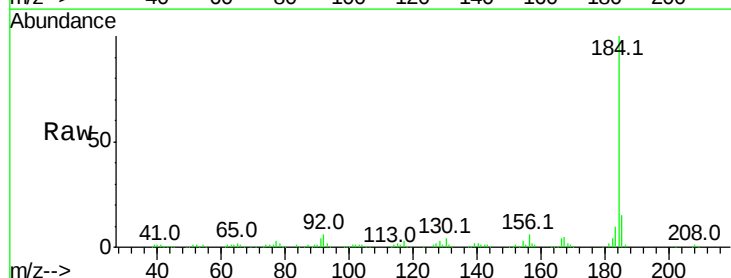
Tgt Ion:184 Resp: 363521

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

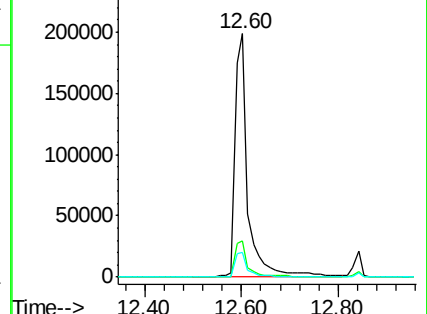
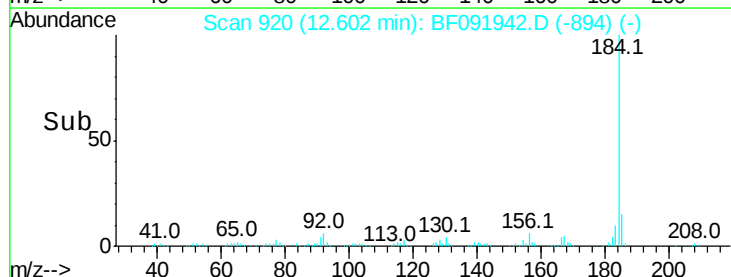
183 10.3 9.2 13.8

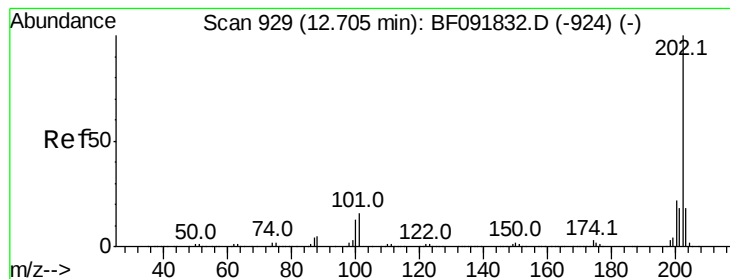


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.85 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

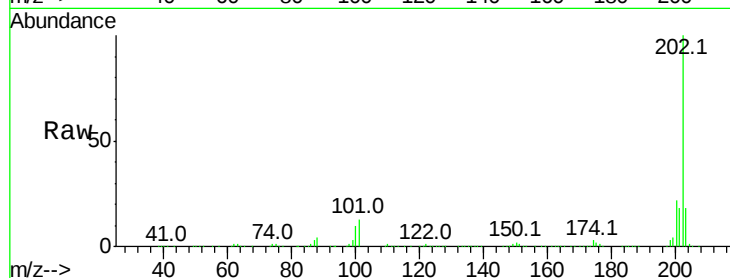
Tot Ion:202 Resp: 1228876

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

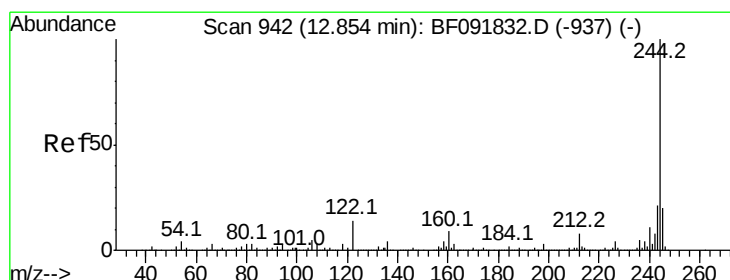
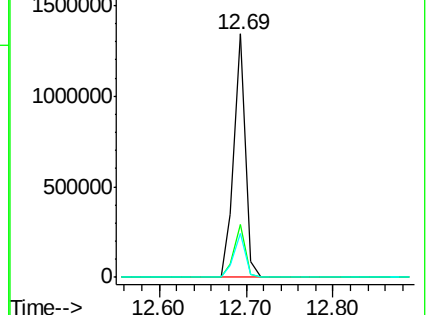
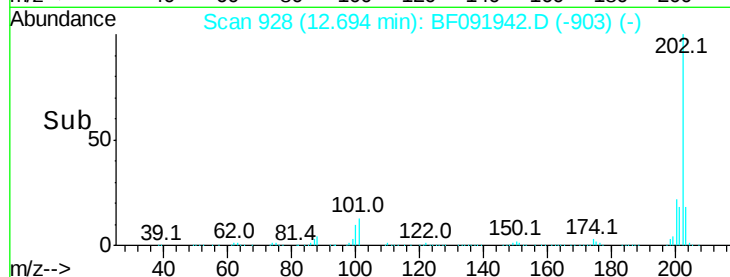
203 17.9 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.66 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

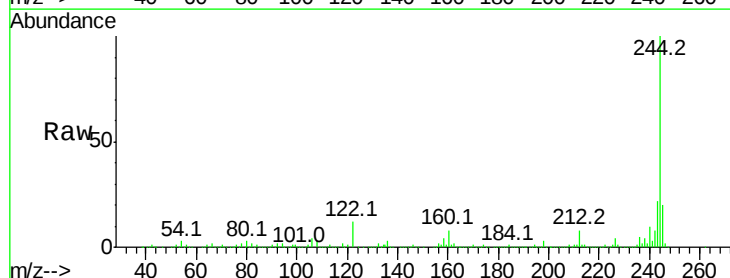
Tgt Ion:244 Resp: 1380638

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

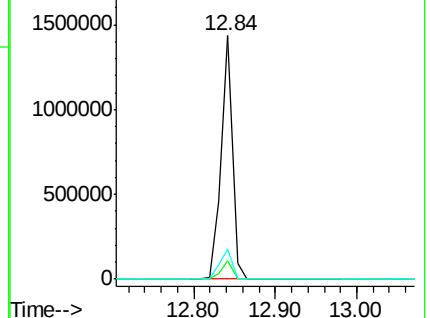
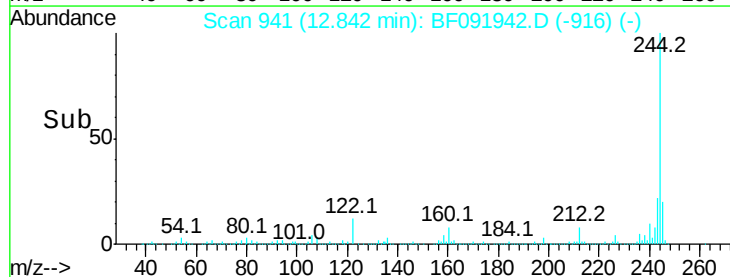
122 12.0 11.4 17.2

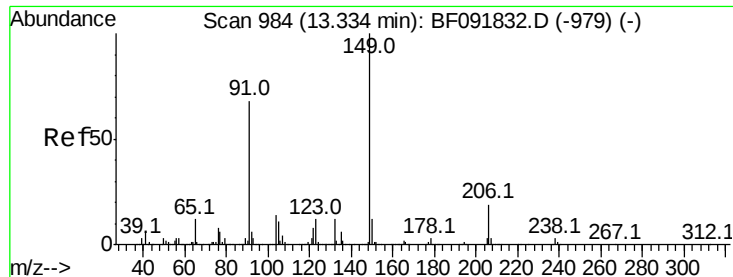


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.03 ng

RT: 13.32 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

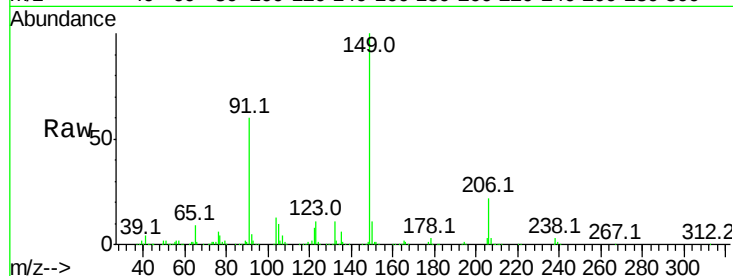
Tot Ion:149 Resp: 575907

Ion Ratio Lower Upper

149 100

91 59.8 63.9 95.9#

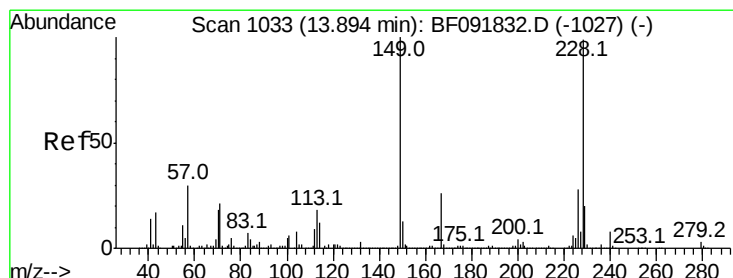
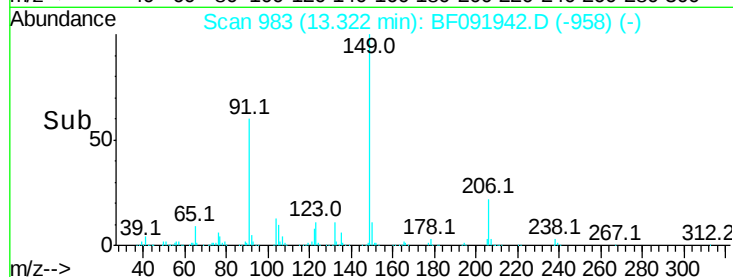
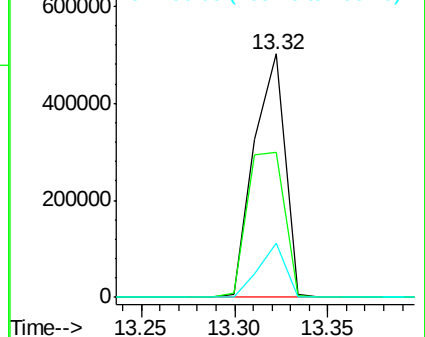
206 22.0 14.6 21.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.27 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

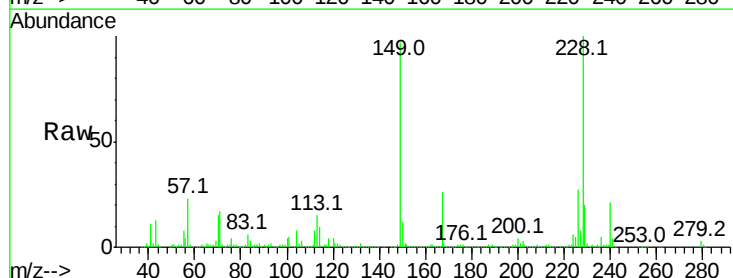
Tgt Ion:228 Resp: 906990

Ion Ratio Lower Upper

228 100

226 27.3 22.4 33.6

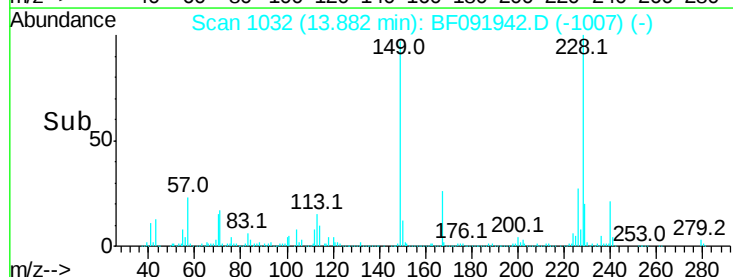
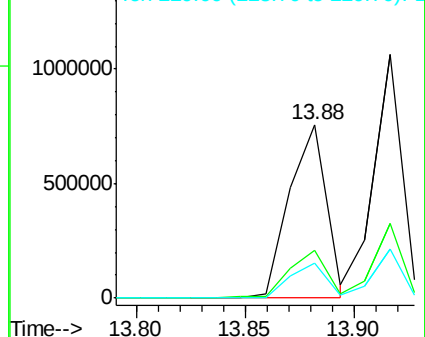
229 19.8 16.2 24.4

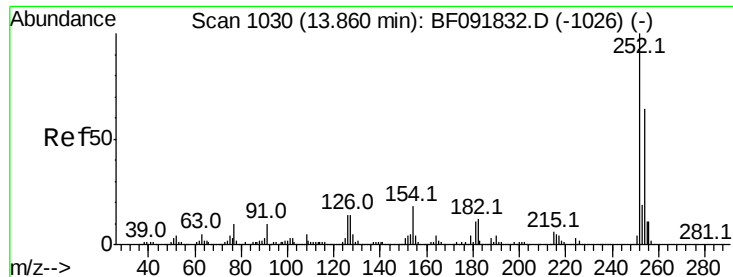


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

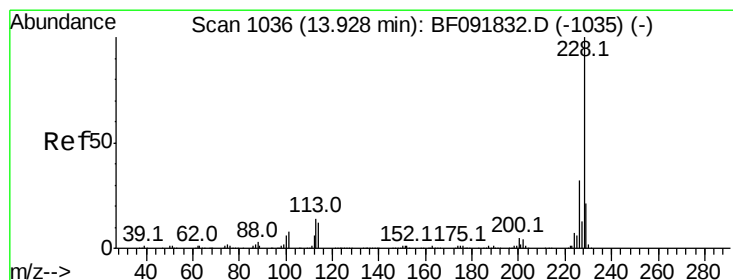
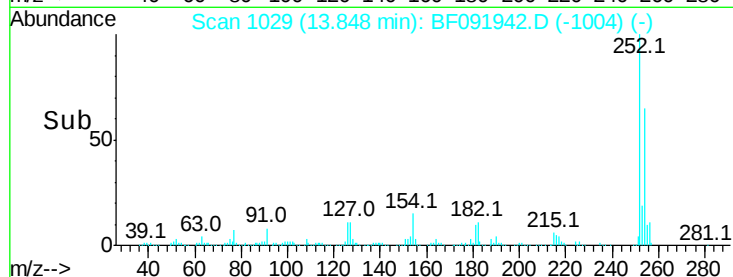
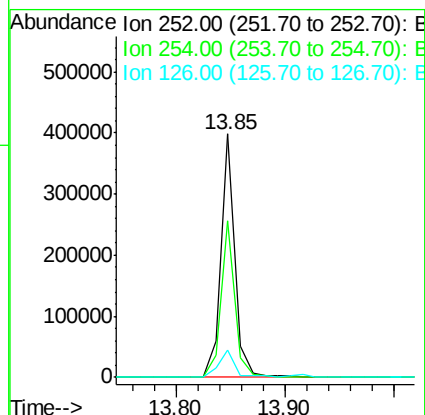
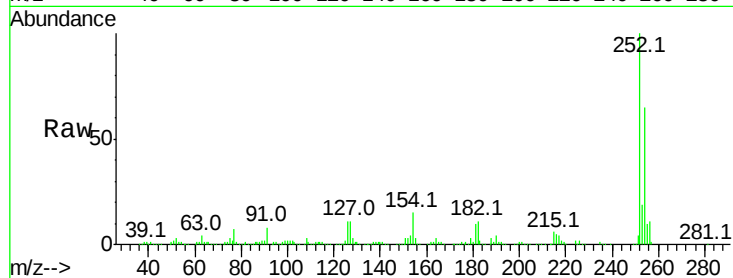




#81
 3,3'-Dichlorobenzidine
 Concen: 39.24 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

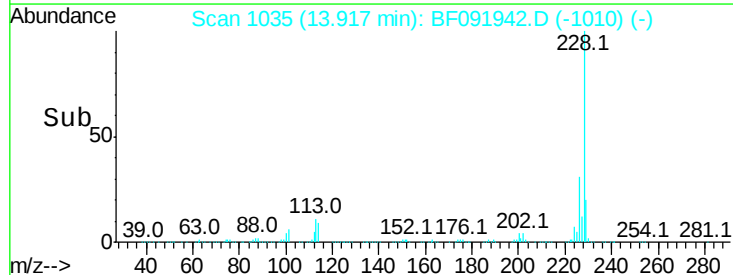
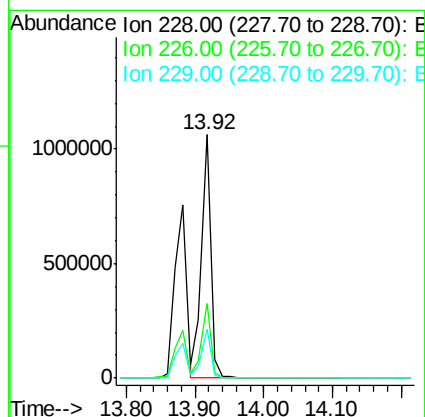
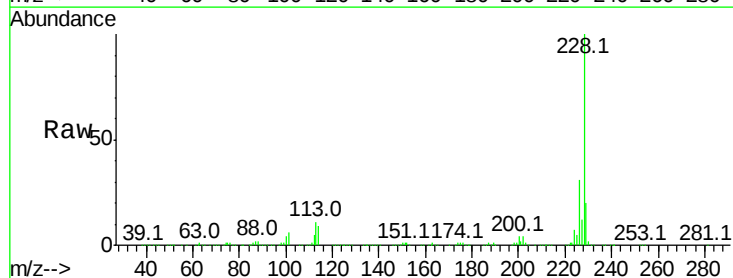
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

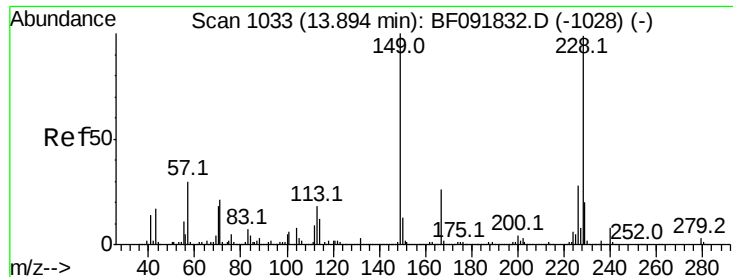
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.3	78.5
126	11.3	13.6	20.4



#82
 Chrysene
 Concen: 39.84 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	20.4	16.2	24.2

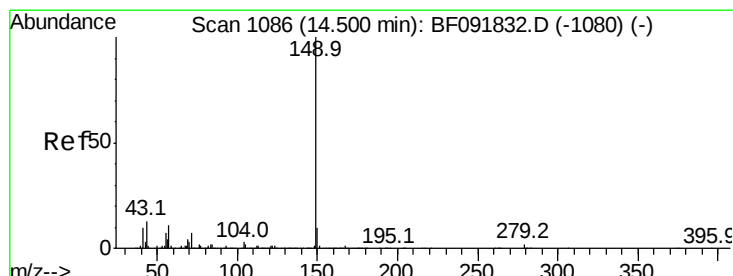
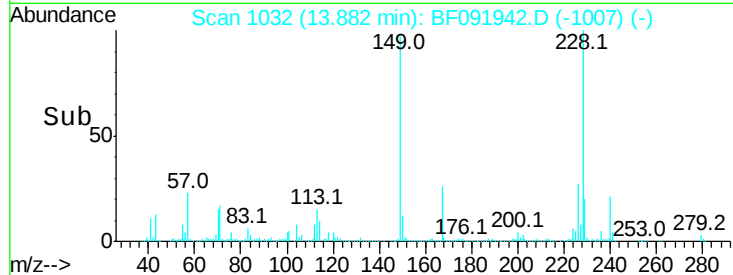
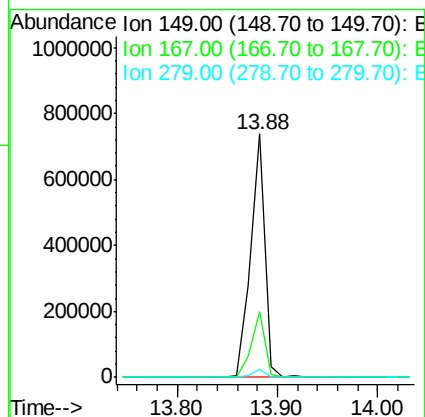
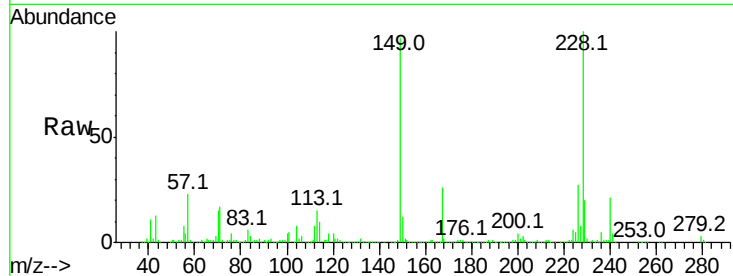




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.97 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

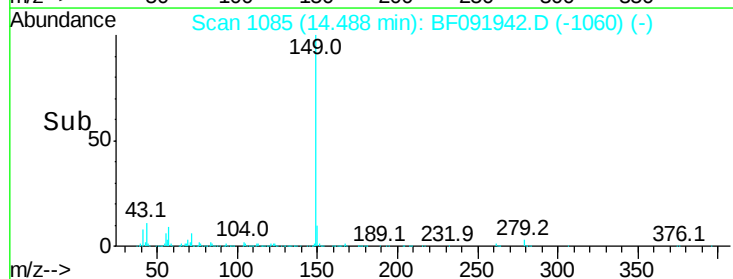
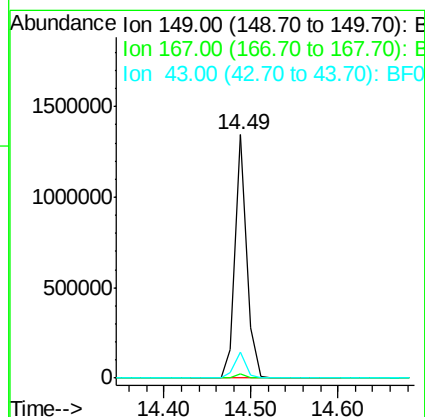
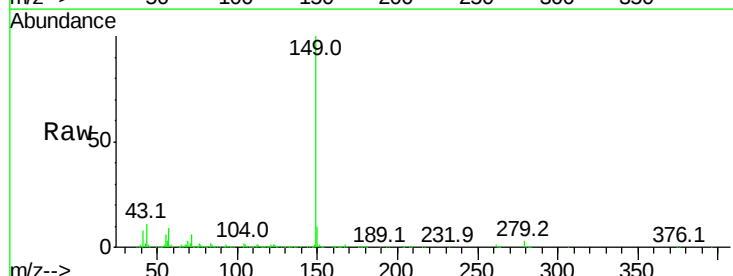
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

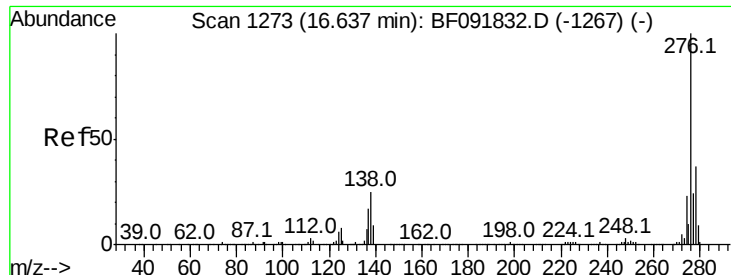
Tot	Ion:149	Resp:	728091
Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.2	30.4
279	3.4	1.8	2.8#



#84
 Di-n-octyl phthalate
 Concen: 39.49 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Tgt	Ion:149	Resp:	1239376
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.7	8.9	13.3

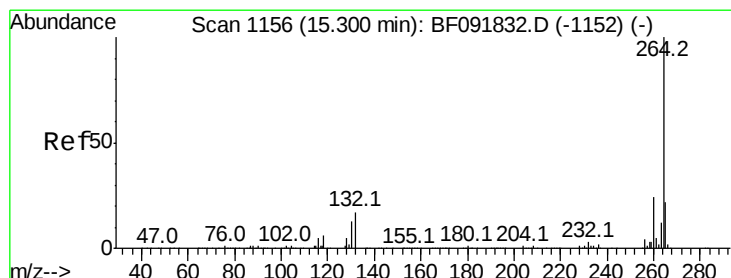
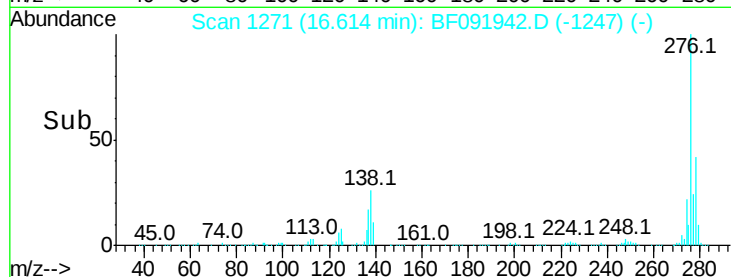
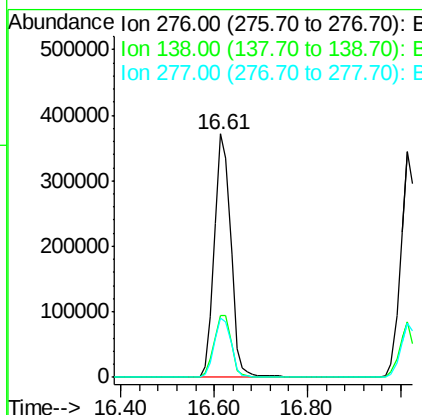
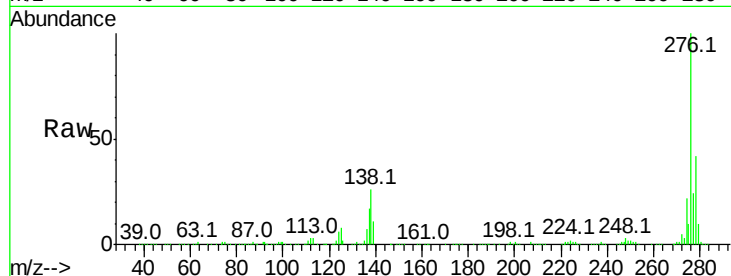




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.27 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

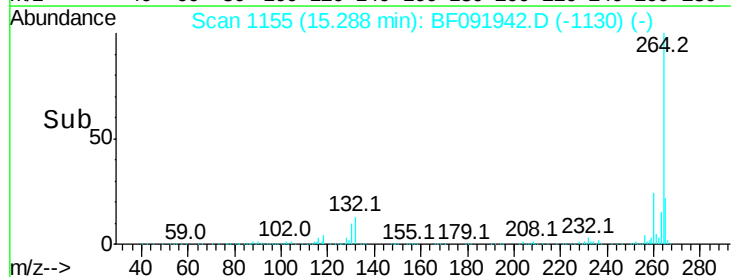
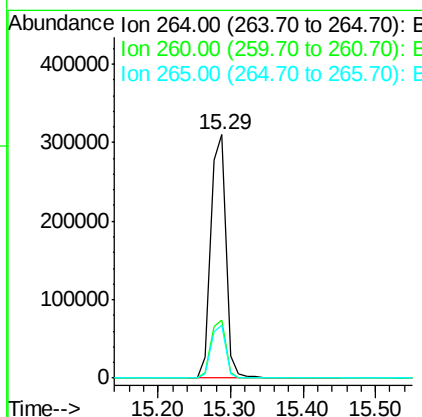
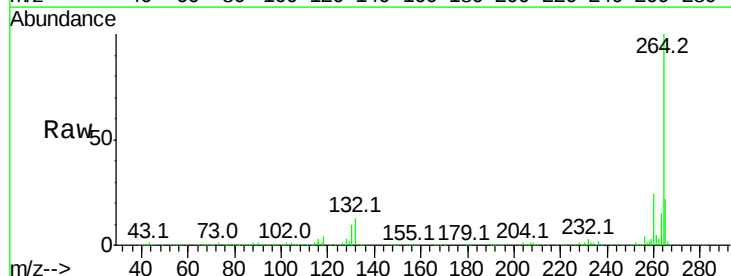
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

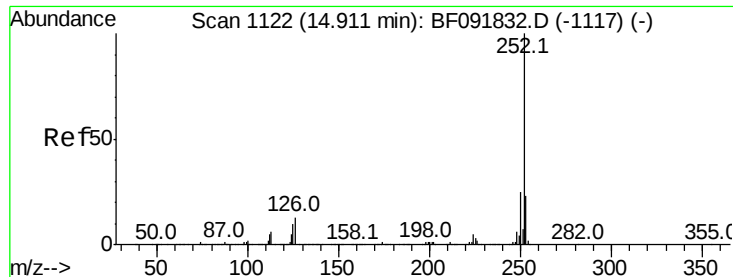
Tot Ion:276 Resp: 915064
Ion Ratio Lower Upper
276 100
138 26.8 21.8 32.6
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091942.D
Acq: 24 Dec 2016 00:59

Tgt Ion:264 Resp: 451397
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.9 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 43.43 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

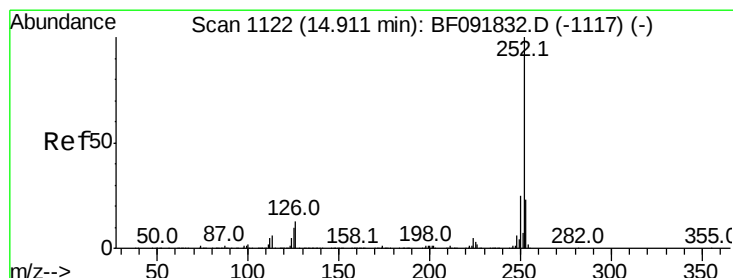
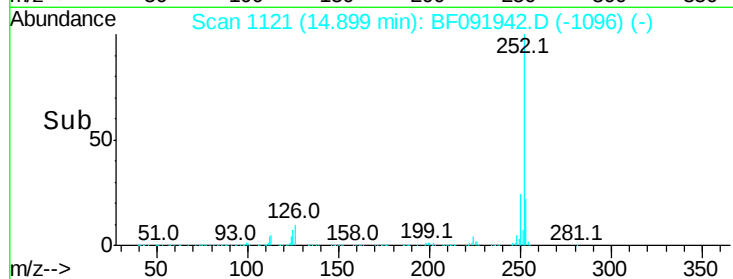
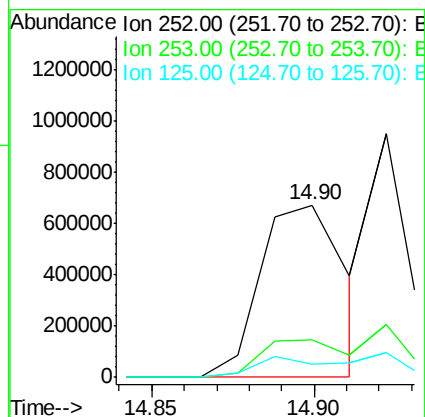
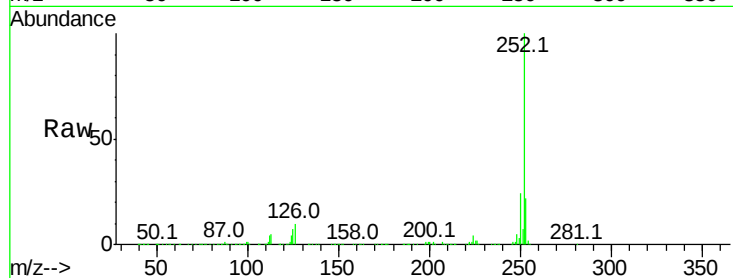
Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1220421

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	7.3	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 32.15 ng m

RT: 14.92 min Scan# 1123

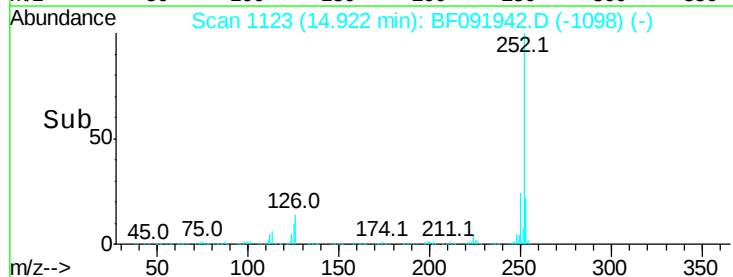
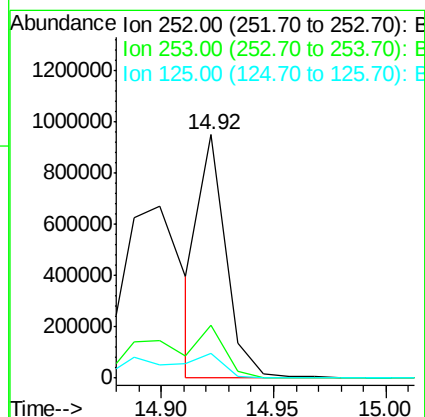
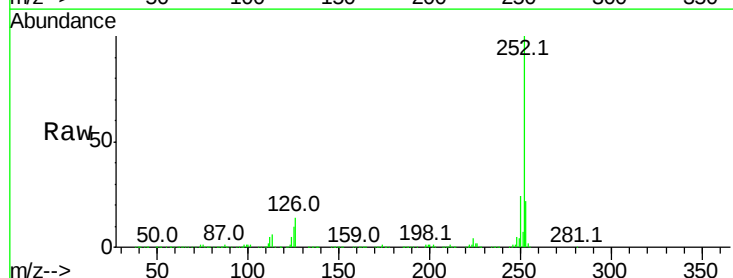
Delta R.T. -0.01 min

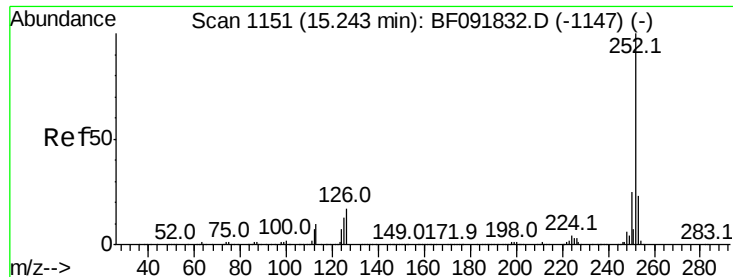
Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Tgt Ion:252 Resp: 770479

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	10.0	8.9	13.3





#89

Benzo(a)pyrene

Concen: 38.66 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

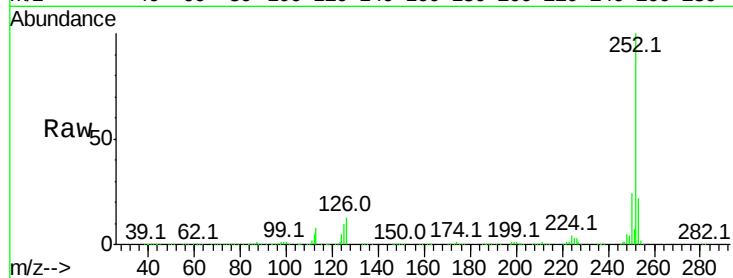
Tot Ion:252 Resp: 964360

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

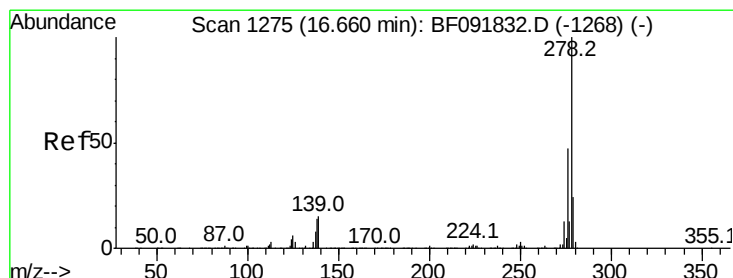
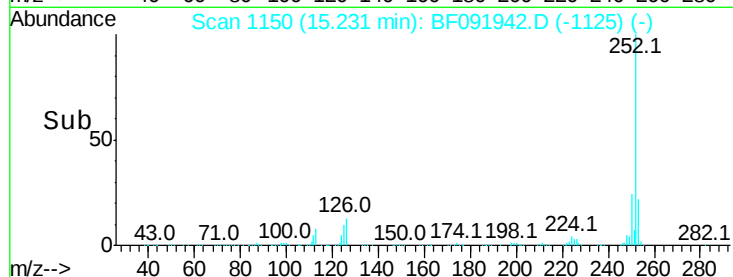
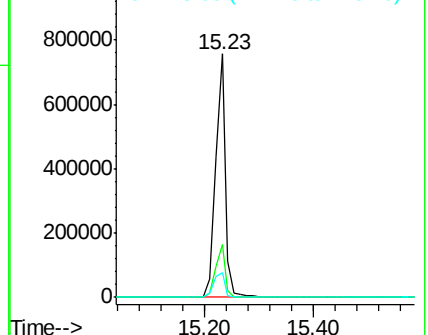
125 10.3 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.54 ng

RT: 16.64 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF091942.D

Acq: 24 Dec 2016 00:59

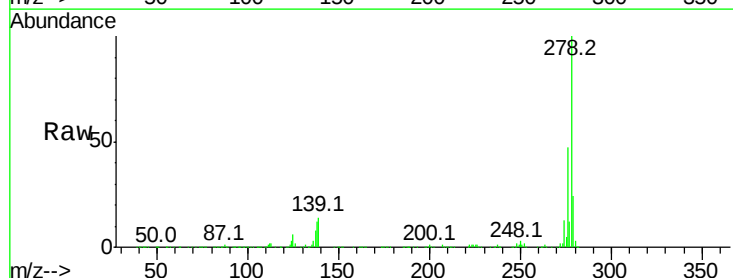
Tgt Ion:278 Resp: 790207

Ion Ratio Lower Upper

278 100

139 13.7 14.8 22.2#

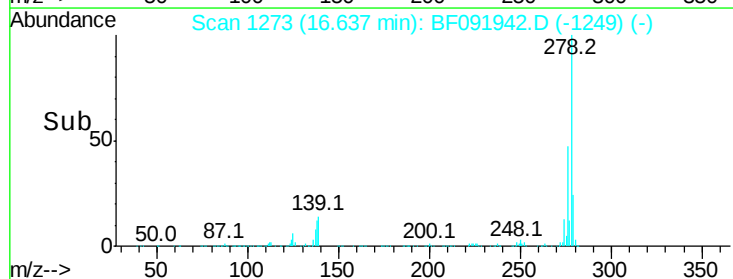
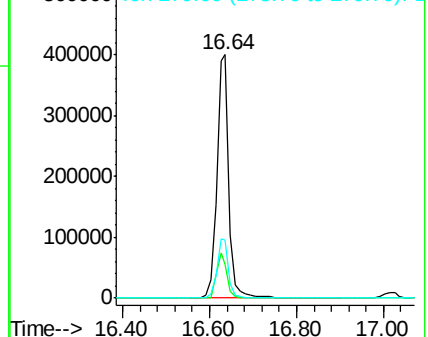
279 23.6 19.8 29.6

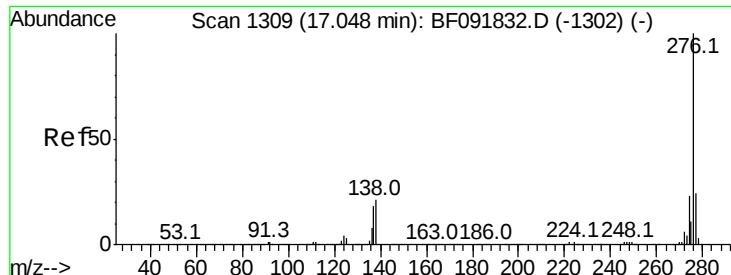


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 35.45 ng
 RT: 17.01 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF091942.D
 Acq: 24 Dec 2016 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	24.4	16.0	24.0

