

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091970.D
 Acq On : 27 Dec 2016 16:23
 Operator : UM/SJ
 Sample : PB95629BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95629BSD

Quant Time: Dec 28 00:40:54 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	6.73	152	204361	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	863551	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	462056	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	713701	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	520888	20.00	ng	-0.01
86) Perylene-d12	15.29	264	438567	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1804469	147.43	ng	0.02
7) Phenol-d6	6.42	99	2067739	138.38	ng	0.01
23) Nitrobenzene-d5	7.30	82	1294153	83.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	417342	109.14	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2255086	102.68	ng	-0.01
78) Terphenyl-d14	12.84	244	1772910	82.55	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	261774	43.44	ng	99
3) Pyridine	3.00	79	624959	29.72	ng	95
4) n-Nitrosodimethylamine	2.96	42	355846	44.86	ng	98
6) Aniline	6.41	93	249199	12.84	ng	# 79
8) 2-Chlorophenol	6.53	128	594316	42.69	ng	87
9) Benzaldehyde	6.27	77	65410	5.71	ng	97
10) Phenol	6.43	94	698318	41.01	ng	# 65
11) bis(2-Chloroethyl)ether	6.48	93	758107	55.96	ng	88
12) 1,3-Dichlorobenzene	6.67	146	629718m	42.37	ng	
13) 1,4-Dichlorobenzene	6.75	146	629456	41.61	ng	95
14) 1,2-Dichlorobenzene	6.90	146	526684	40.13	ng	96
15) Benzyl Alcohol	6.89	79	371405	31.99	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.01	45	829422	41.11	ng	82
17) 2-Methylphenol	7.02	107	488614	43.64	ng	# 88
18) Hexachloroethane	7.24	117	234005	41.72	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	491914	49.48	ng	95
20) 3+4-Methylphenols	7.18	107	693280	51.91	ng	# 73
22) Acetophenone	7.15	105	909750	42.71	ng	# 91
24) Nitrobenzene	7.32	77	689043	41.66	ng	96
25) Isophorone	7.56	82	1139948	39.79	ng	95
26) 2-Nitrophenol	7.64	139	353818	43.38	ng	89
27) 2,4-Dimethylphenol	7.70	122	496411	36.69	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	763520	43.94	ng	100
29) 2,4-Dichlorophenol	7.90	162	509461	44.47	ng	95
30) 1,2,4-Trichlorobenzene	7.96	180	514295	40.97	ng	95
31) Naphthalene	8.04	128	1679759	42.50	ng	100
32) Benzoic acid	7.85	122	308942	30.79	ng	97
33) 4-Chloroaniline	8.14	127	137357	7.71	ng	98
34) Hexachlorobutadiene	8.16	225	281724	42.51	ng	99
35) Caprolactam	8.48	113	154279m	40.98	ng	
36) 4-Chloro-3-methylphenol	8.61	107	505927	38.38	ng	97
37) 2-Methylnaphthalene	8.74	142	1118403	47.74	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	447135	38.30	ng	# 98
40) Hexachlorocyclopentadiene	8.89	237	420550	80.85	ng	95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091970.D
 Acq On : 27 Dec 2016 16:23
 Operator : UM/SJ
 Sample : PB95629BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95629BSD

Quant Time: Dec 28 00:40:54 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

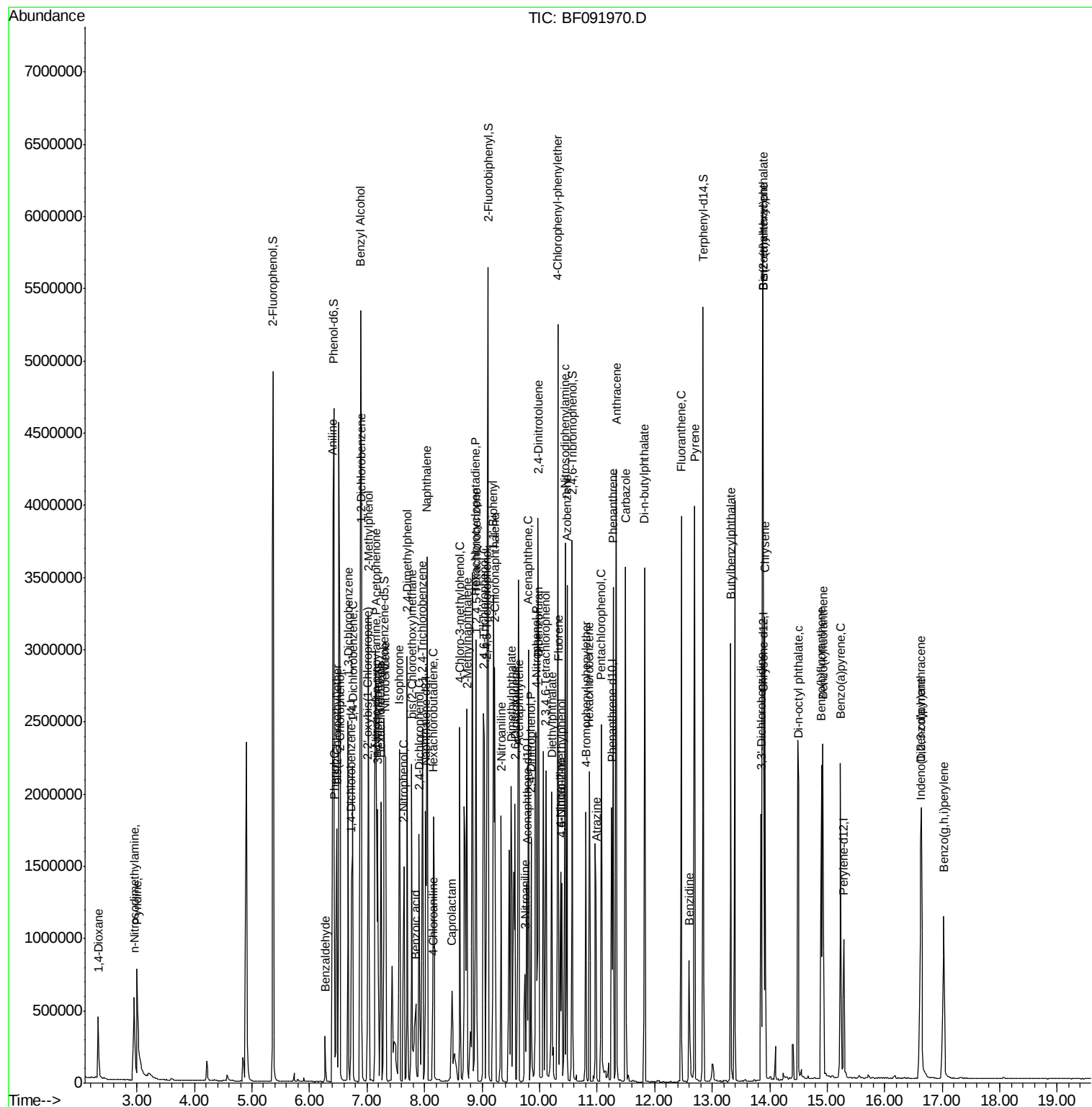
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	327095	40.06	nq	96
43) 2,4,5-Trichlorophenol	9.08	196	322479	38.38	nq	# 90
45) 1,1'-Biphenyl	9.20	154	1263644	39.94	nq	97
46) 2-Chloronaphthalene	9.22	162	984790	39.31	nq	93
47) 2-Nitroaniline	9.33	65	370571	41.54	nq	# 78
48) Acenaphthylene	9.64	152	1547154	40.15	nq	98
49) Dimethylphthalate	9.50	163	1224612	41.44	nq	98
50) 2,6-Dinitrotoluene	9.57	165	300209	46.41	nq	99
51) Acenaphthene	9.80	154	978592	37.46	nq	99
52) 3-Nitroaniline	9.74	138	157938	19.73	nq	80
53) 2,4-Dinitrophenol	9.85	184	223189	62.01	nq	# 51
54) Dibenzofuran	9.98	168	1431578	40.58	nq	95
55) 4-Nitrophenol	9.94	139	365800	67.30	nq	95
56) 2,4-Dinitrotoluene	9.97	165	322821	39.76	nq	# 83
57) Fluorene	10.33	166	1094211	42.63	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	282521	42.51	nq	99
59) Diethylphthalate	10.21	149	1209103	42.13	nq	95
60) 4-Chlorophenyl-phenylether	10.32	204	483090	42.99	nq	95
61) 4-Nitroaniline	10.36	138	282008	34.00	nq	100
62) Azobenzene	10.48	77	1418864	44.90	nq	98
64) 4,6-Dinitro-2-methylphenol	10.38	198	192319	44.56	nq	76
65) n-Nitrosodiphenylamine	10.44	169	1007793	47.59	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	344842	46.45	nq	# 84
67) Hexachlorobenzene	10.86	284	324635	40.91	nq	# 79
68) Atrazine	10.98	200	300005	43.92	nq	95
69) Pentachlorophenol	11.07	266	299736	76.98	nq	98
70) Phenanthrene	11.28	178	1513284	39.10	nq	99
71) Anthracene	11.33	178	1696167	52.34	nq	99
72) Carbazole	11.49	167	1351530	40.66	nq	99
73) Di-n-butylphthalate	11.82	149	1687087	46.11	nq	99
74) Fluoranthene	12.46	202	1574474	46.50	nq	97
76) Benzidine	12.60	184	628732	48.20	nq	97
77) Pyrene	12.69	202	1670154	43.70	nq	100
79) Butylbenzylphthalate	13.32	149	776007	44.65	nq	88
80) Benzo(a)anthracene	13.88	228	1267909	43.12	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	373520	33.50	nq	98
82) Chrysene	13.92	228	1073674	36.40	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	900095	43.97	nq	# 99
84) Di-n-octyl phthalate	14.50	149	1627700	42.93	nq	98
85) Indeno(1,2,3-cd)pyrene	16.63	276	1107548	43.35	nq	98
87) Benzo(b)fluoranthene	14.90	252	1194549m	43.75	nq	
88) Benzo(k)fluoranthene	14.92	252	947222m	40.68	nq	
89) Benzo(a)pyrene	15.23	252	1028641	42.45	nq	99
90) Dibenzo(a,h)anthracene	16.64	278	900419	45.20	nq	100
91) Benzo(g,h,i)perylene	17.03	276	931701	44.98	nq	97

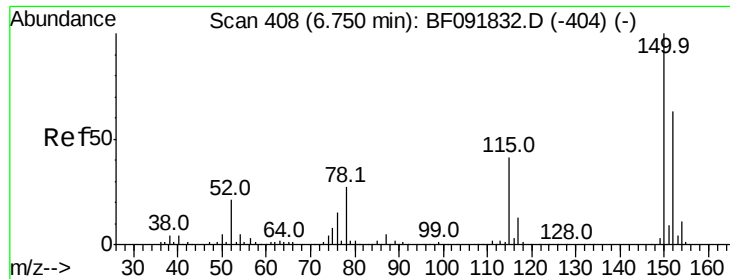
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
Data File : BF091970.D
Acq On : 27 Dec 2016 16:23
Operator : UM/SJ
Sample : PB95629BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95629BSD

Quant Time: Dec 28 00:40:54 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

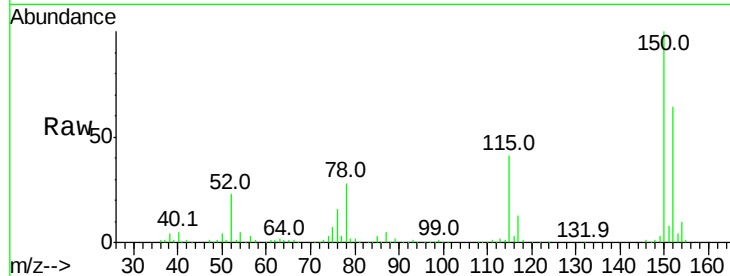
Tot Ion:152 Resp: 204361

Ion Ratio Lower Upper

152 100

150 157.3 124.9 187.3

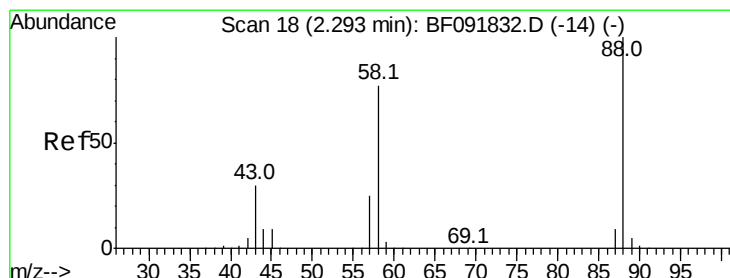
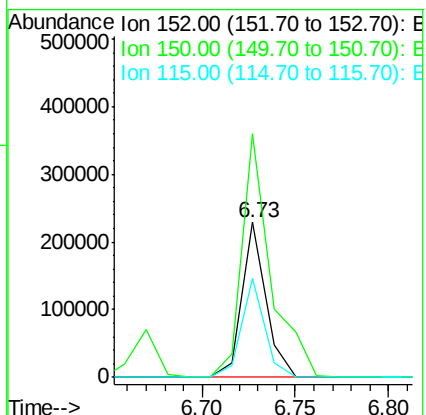
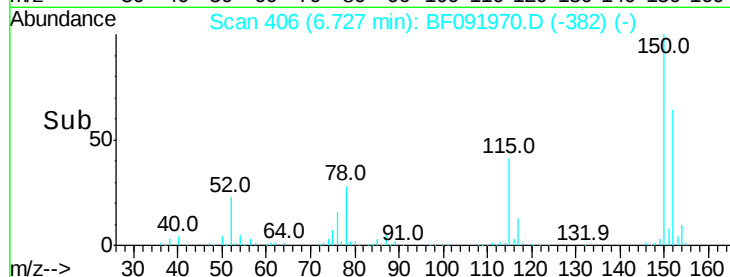
115 63.9 46.0 69.0



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: 43.44 ng

RT: 2.33 min Scan# 21

Delta R.T. 0.03 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

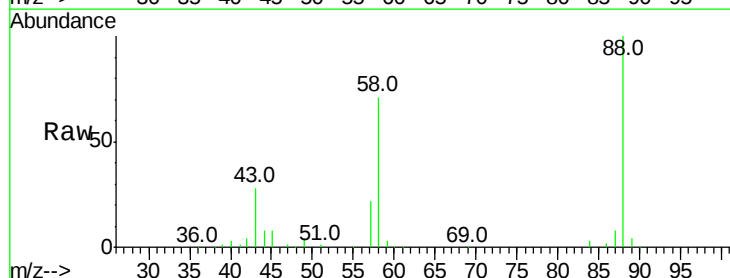
Tgt Ion: 88 Resp: 261774

Ion Ratio Lower Upper

88 100

58 73.6 57.8 86.8

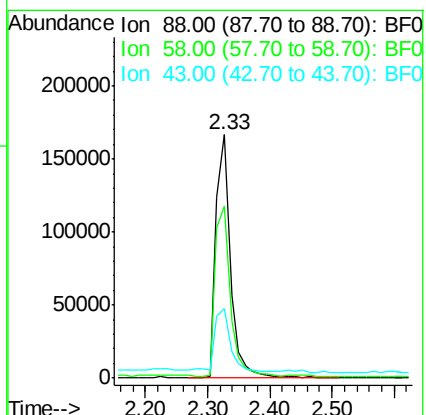
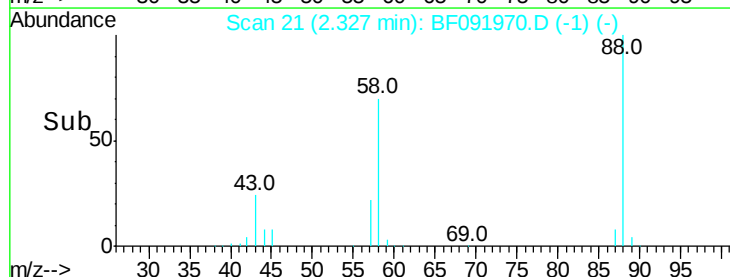
43 27.2 22.3 33.5

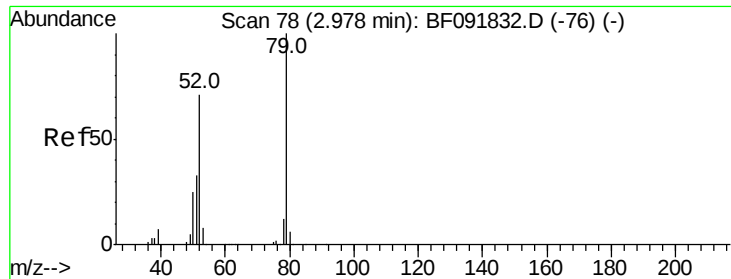


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.72 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

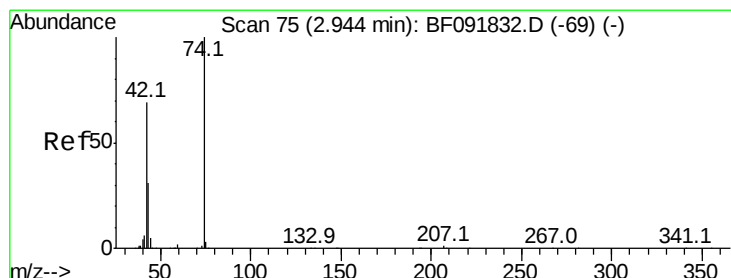
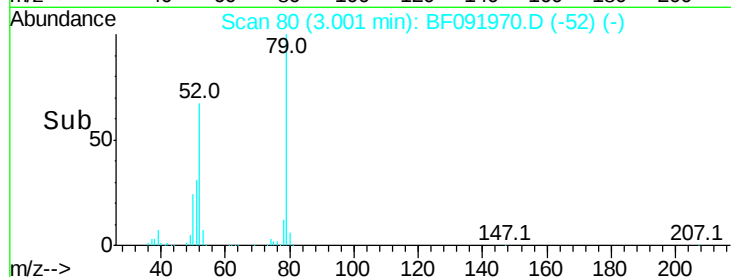
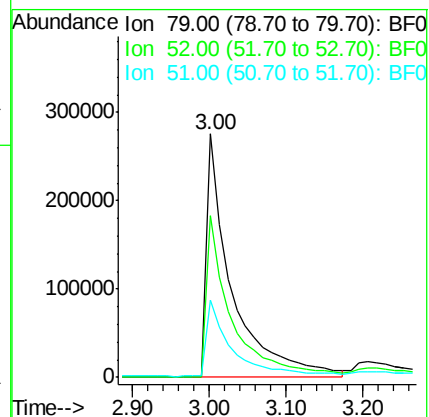
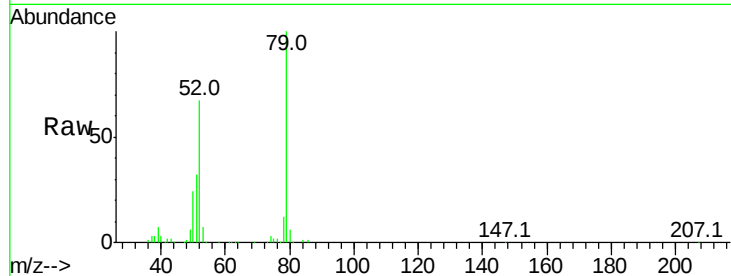
Tot Ion: 79 Resp: 624959

Ion Ratio Lower Upper

79 100

52 66.6 57.1 85.7

51 31.6 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 44.86 ng

RT: 2.96 min Scan# 76

Delta R.T. 0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

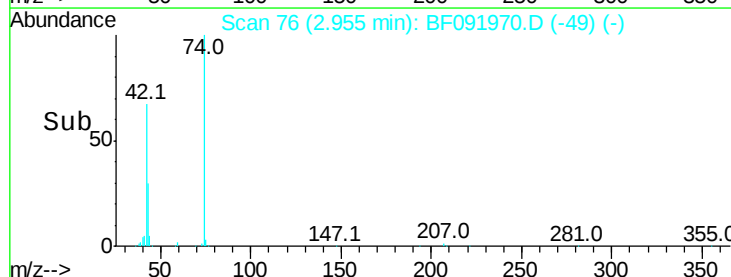
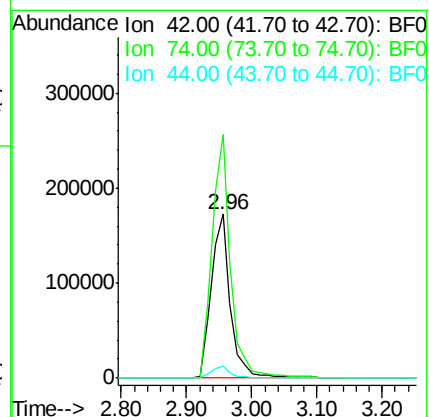
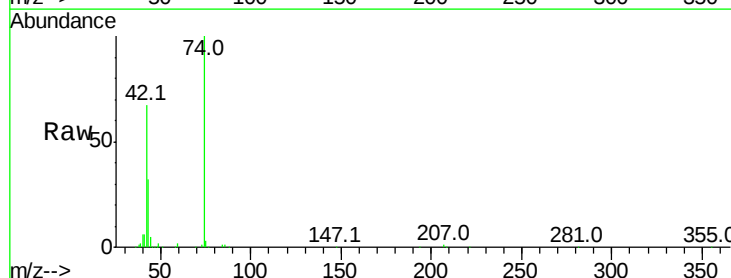
Tgt Ion: 42 Resp: 355846

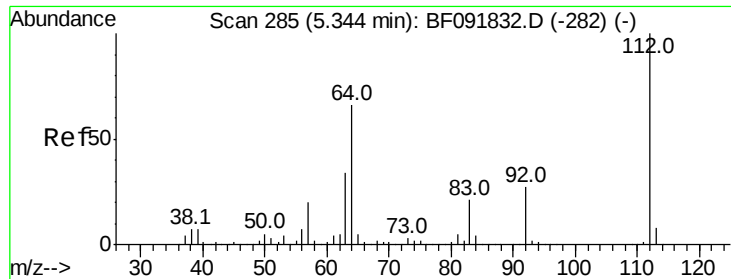
Ion Ratio Lower Upper

42 100

74 148.4 117.0 175.4

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 147.43 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

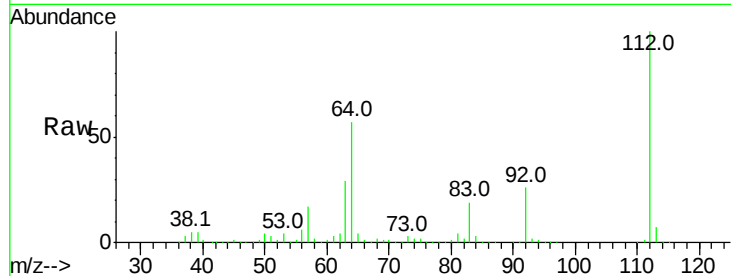
Tot Ion:112 Resp: 1804469

Ion Ratio Lower Upper

112 100

64 56.7 46.1 69.1

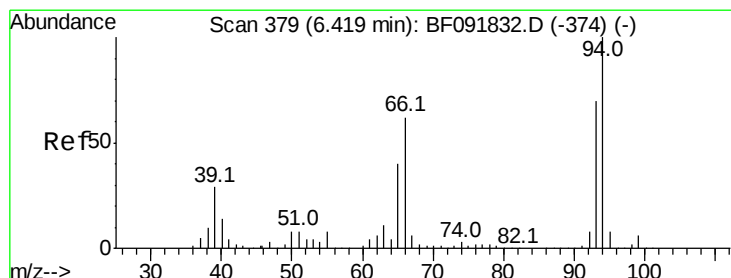
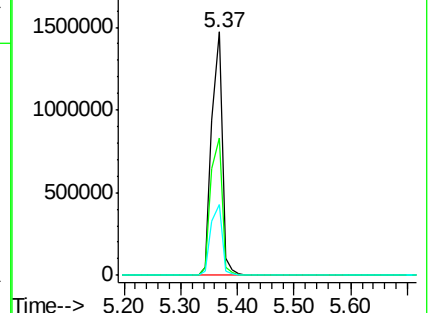
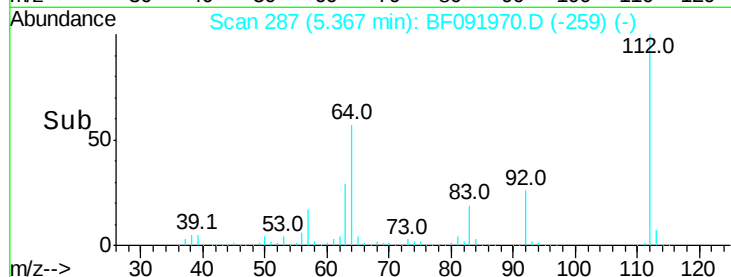
63 29.3 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.84 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

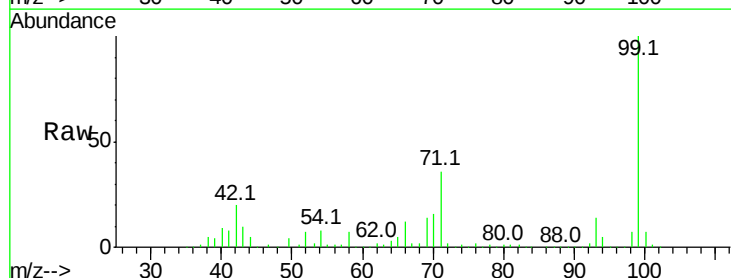
Tgt Ion: 93 Resp: 249199

Ion Ratio Lower Upper

93 100

66 84.1 76.2 114.2

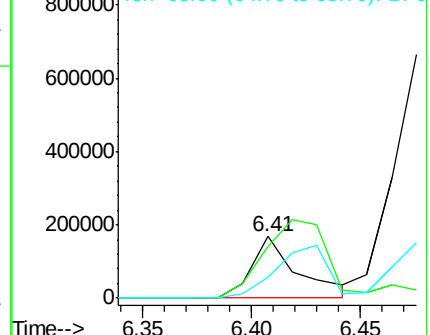
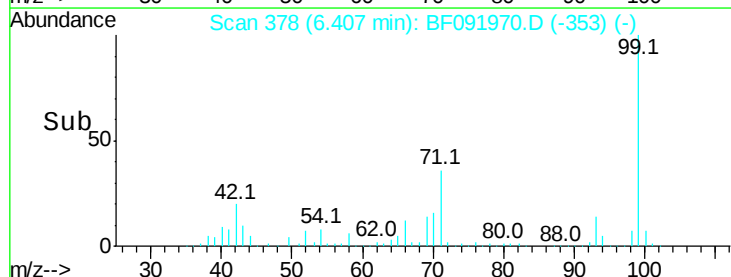
65 34.7 49.3 73.9#

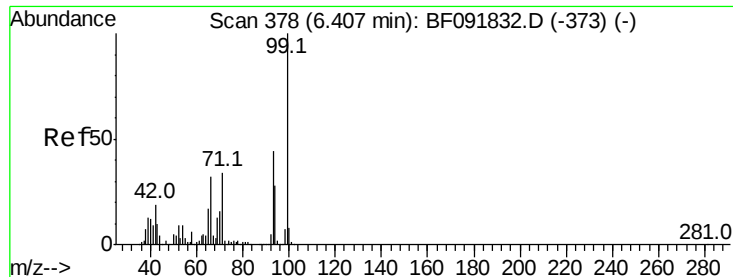


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.38 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

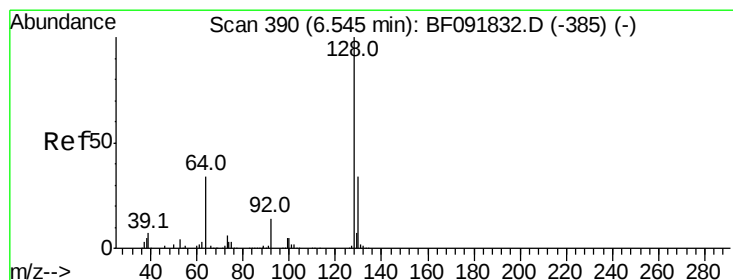
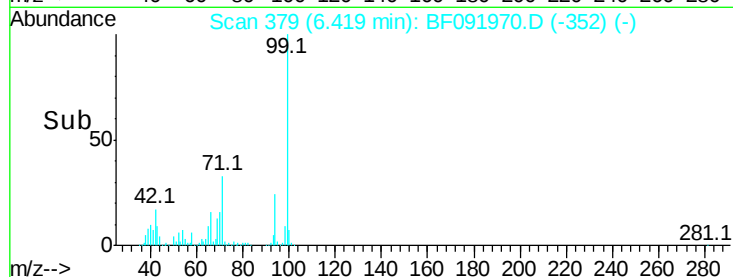
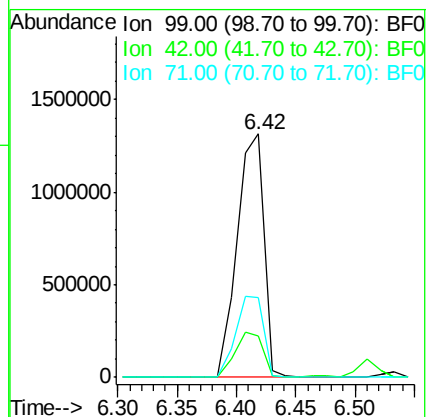
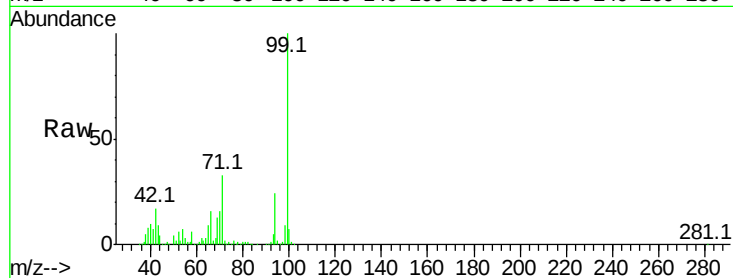
BNA_F

ClientSampleId :

PB95629BSD

Tot Ion: 99 Resp: 2067739

Ion	Ratio	Lower	Upper
99	100		
42	16.9	15.6	23.4
71	32.7	27.5	41.3



#8

2-Chlorophenol

Concen: 42.69 ng

RT: 6.53 min Scan# 389

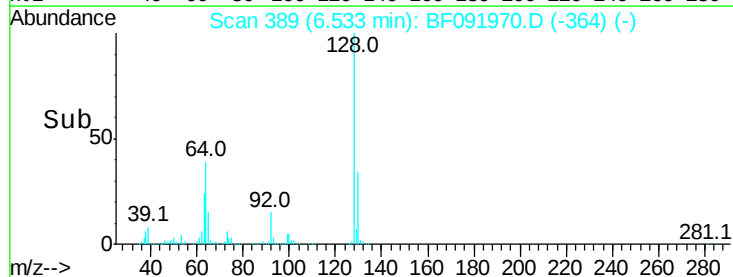
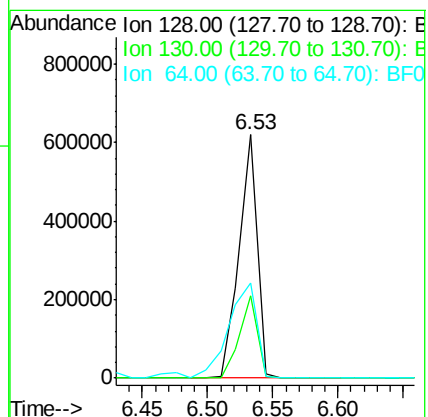
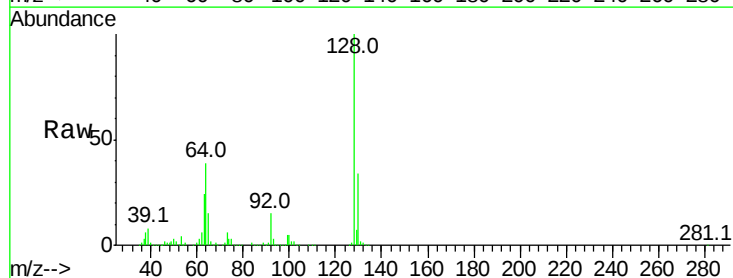
Delta R.T. -0.01 min

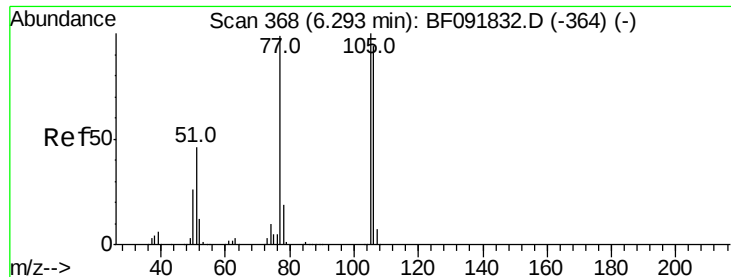
Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Tgt Ion: 128 Resp: 594316

Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.3	52.3
64	38.9	32.2	72.2





#9

Benzaldehyde

Concen: 5.71 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

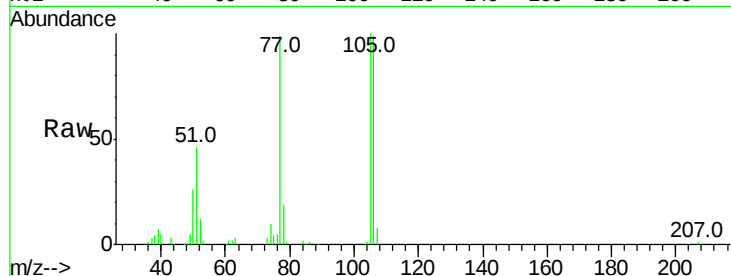
Tot Ion: 77 Resp: 65410

Ion Ratio Lower Upper

77 100

105 101.1 83.9 123.9

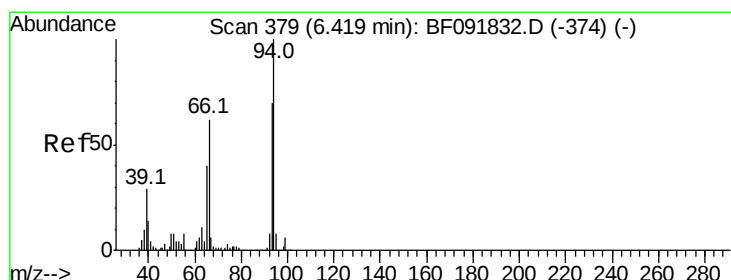
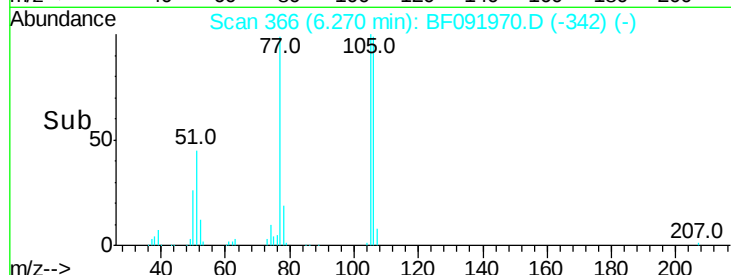
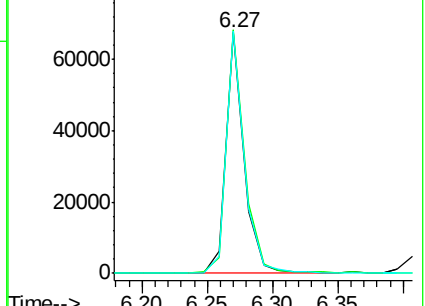
106 100.5 77.6 117.6



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: 41.01 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

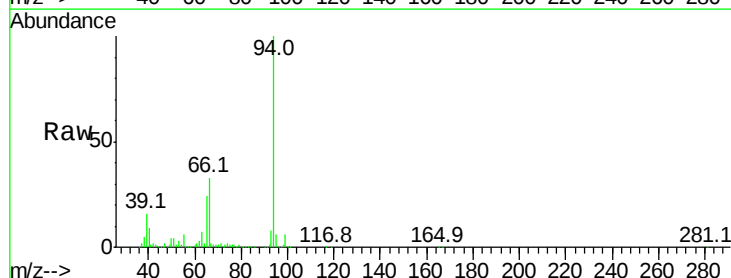
Tgt Ion: 94 Resp: 698318

Ion Ratio Lower Upper

94 100

65 23.8 21.4 61.4

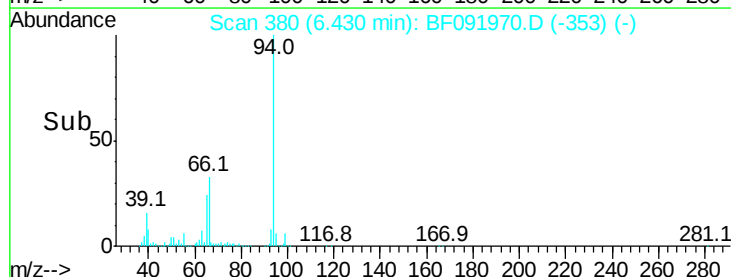
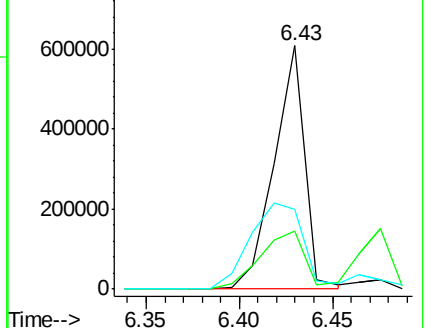
66 32.8 44.0 84.0#

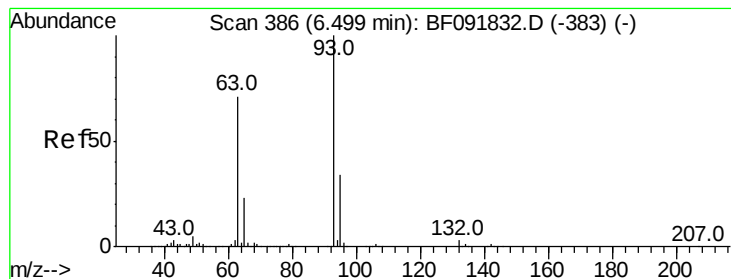


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 55.96 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

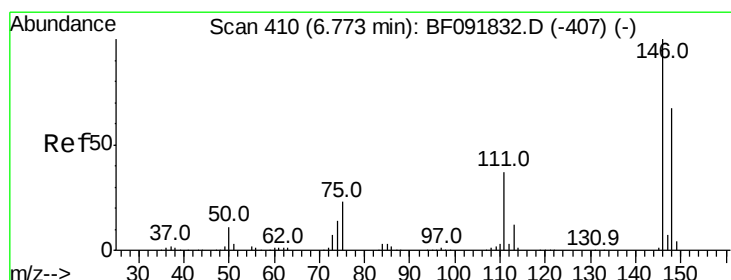
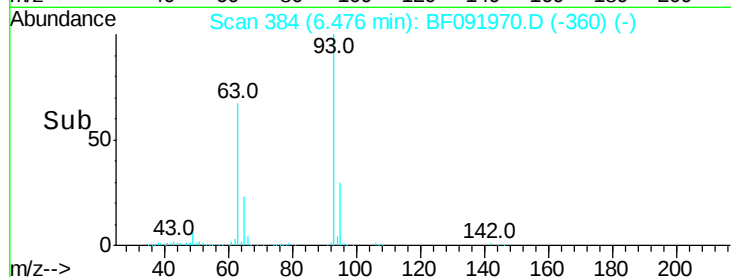
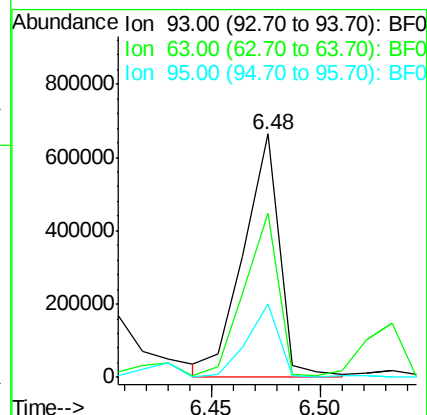
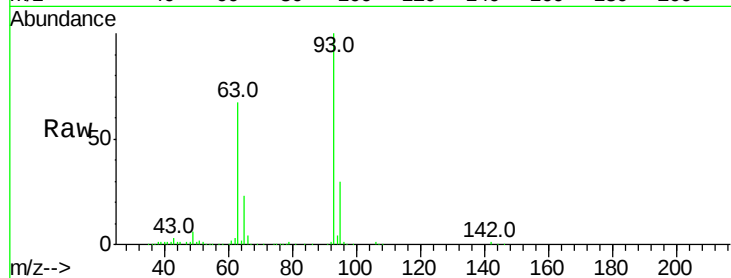
Tot Ion: 93 Resp: 758107

Ion Ratio Lower Upper

93 100

63 67.3 60.4 100.4

95 30.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.37 ng m

RT: 6.67 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

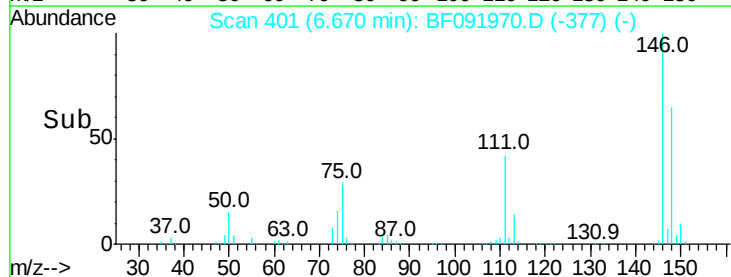
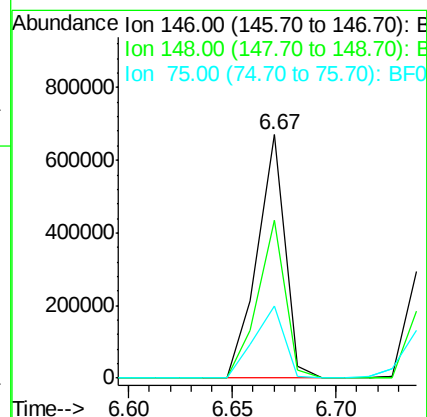
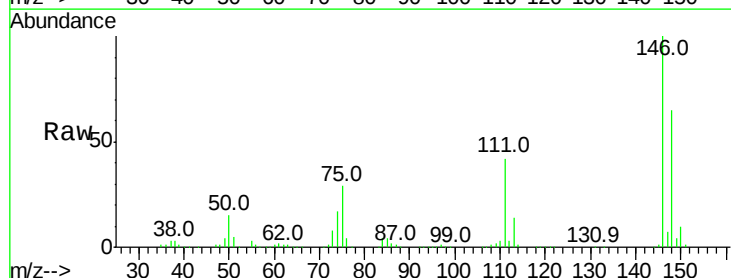
Tgt Ion: 146 Resp: 629718

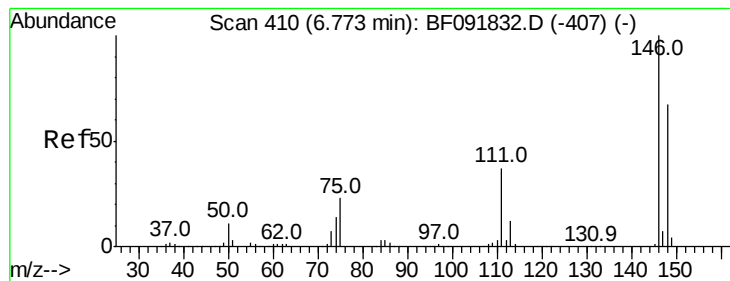
Ion Ratio Lower Upper

146 100

148 64.6 53.4 80.0

75 29.4 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 41.61 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

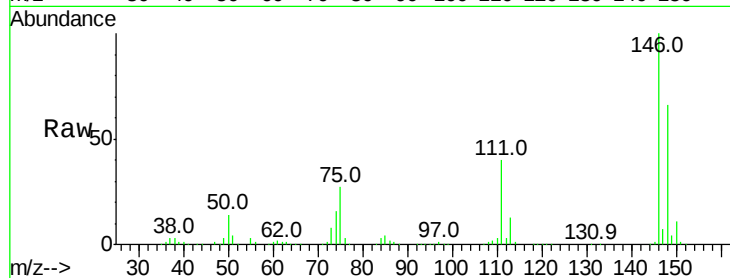
Tot Ion:146 Resp: 629456

Ion Ratio Lower Upper

146 100

148 65.6 50.6 76.0

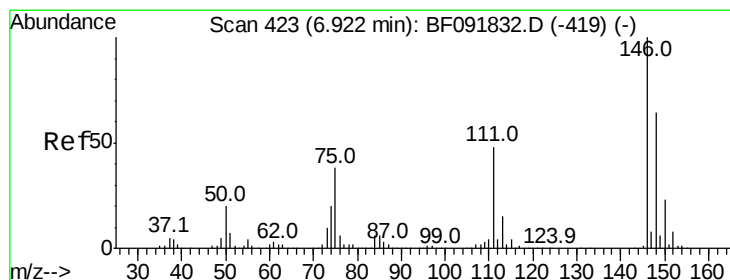
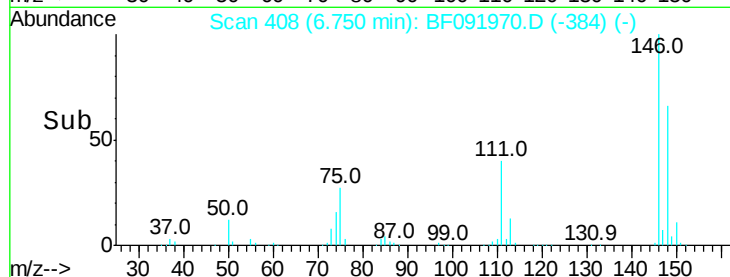
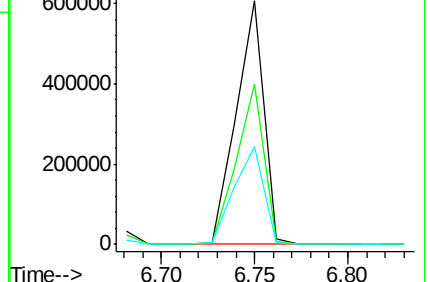
111 39.9 36.2 54.4



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: 40.13 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

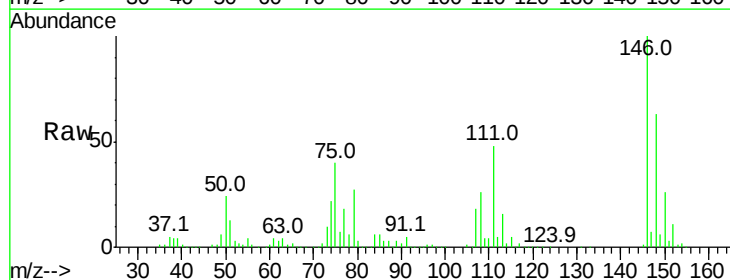
Tgt Ion:146 Resp: 526684

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

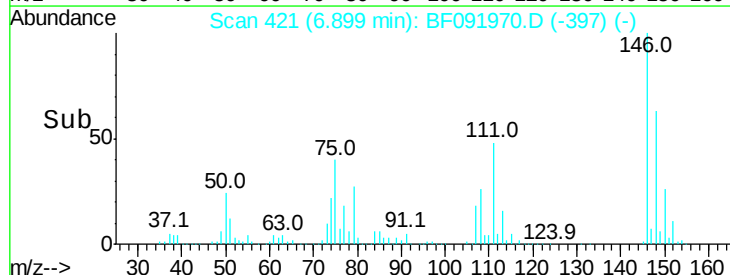
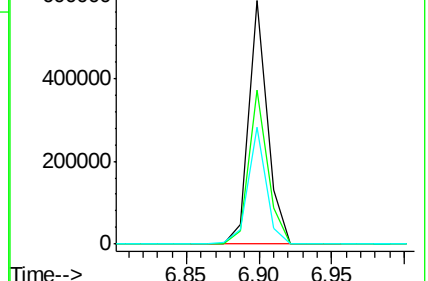
111 48.3 36.2 54.2

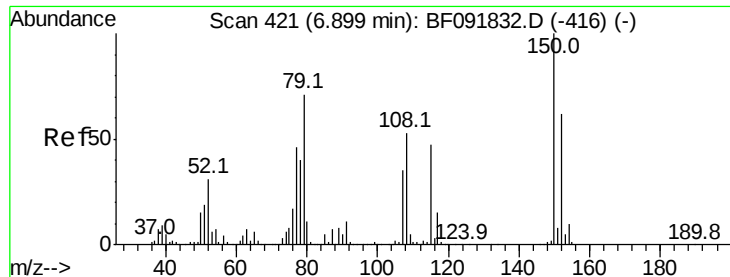


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.99 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

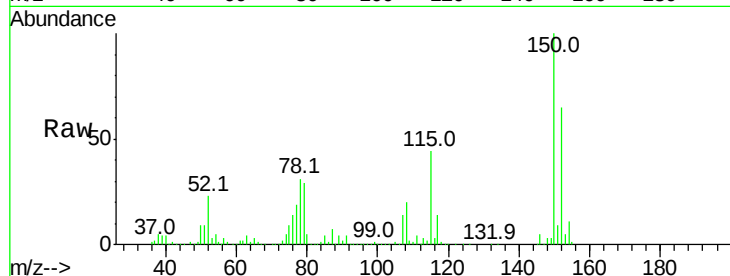
Tot Ion: 79 Resp: 371405

Ion Ratio Lower Upper

79 100

108 69.5 61.4 92.0

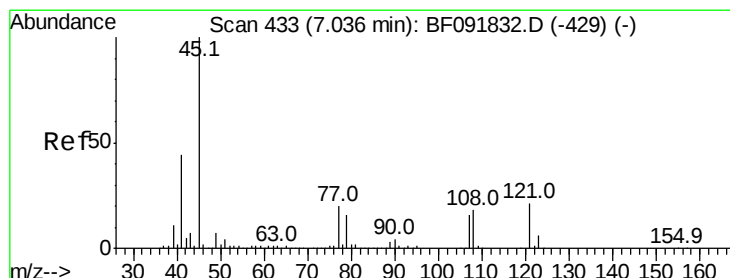
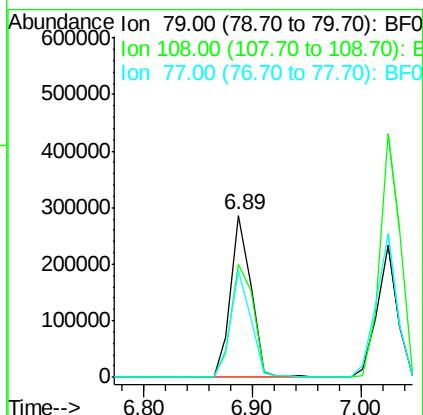
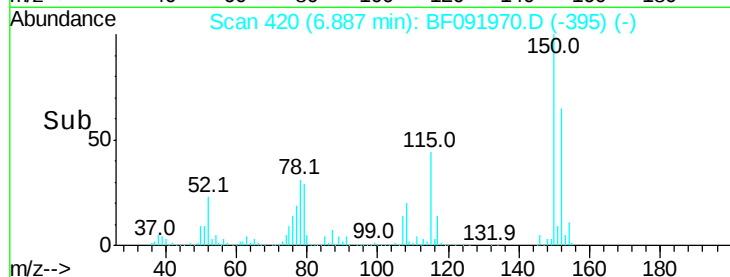
77 66.0 50.9 76.3



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: 41.11 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

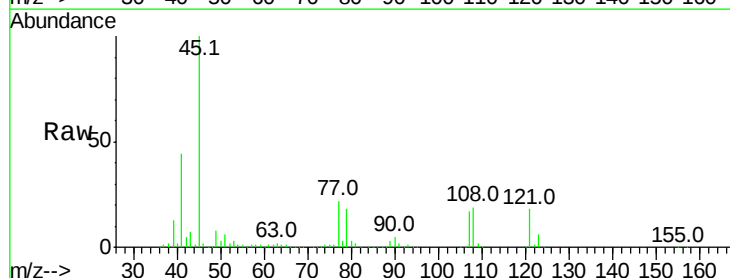
Tgt Ion: 45 Resp: 829422

Ion Ratio Lower Upper

45 100

77 21.9 0.0 34.6

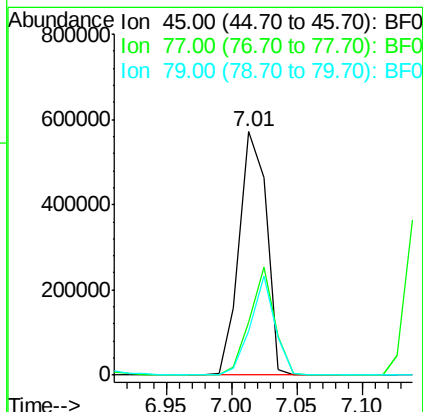
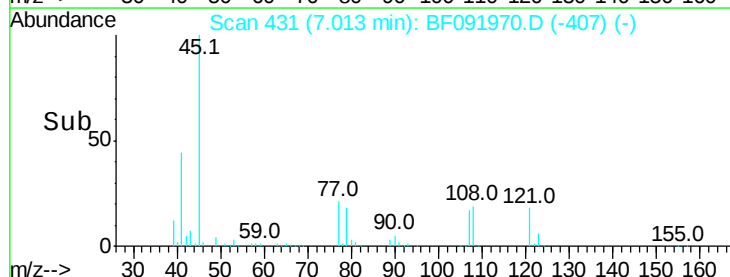
79 18.1 0.0 31.2

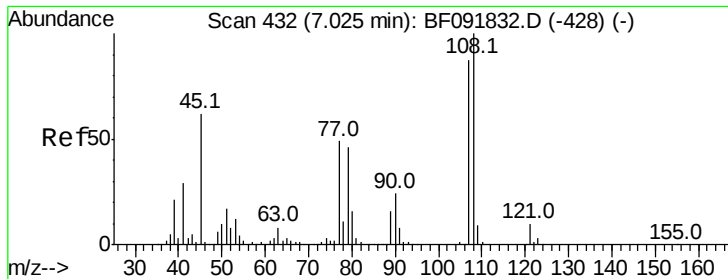


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

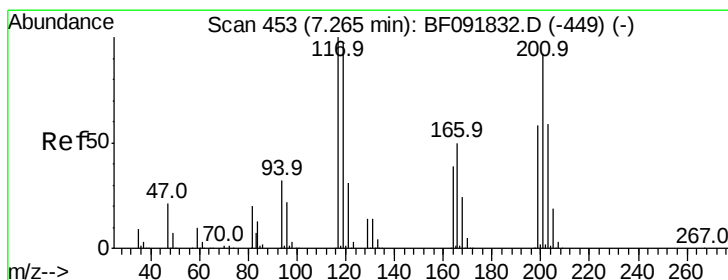
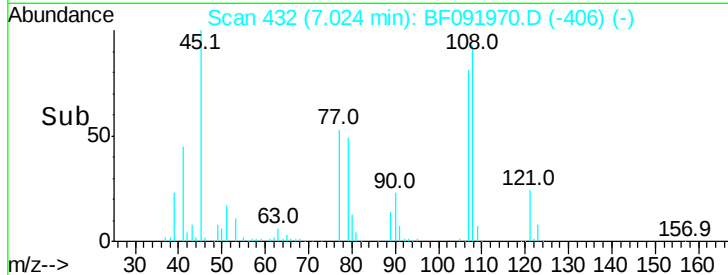
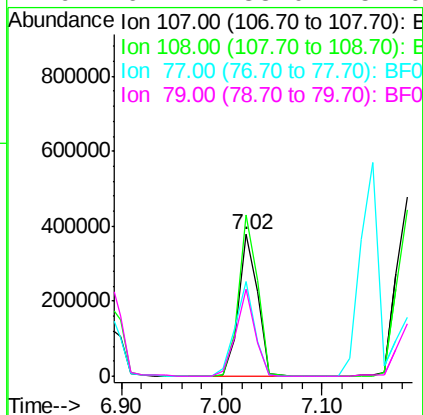
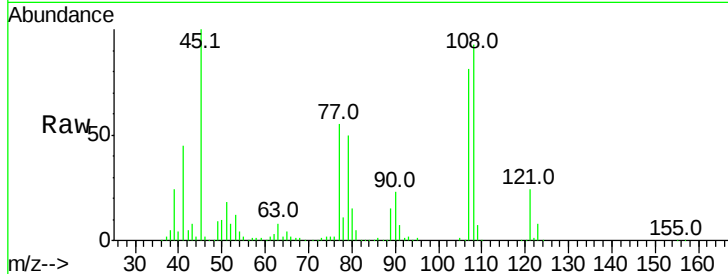




#17
2-Methylphenol
Concen: 43.64 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

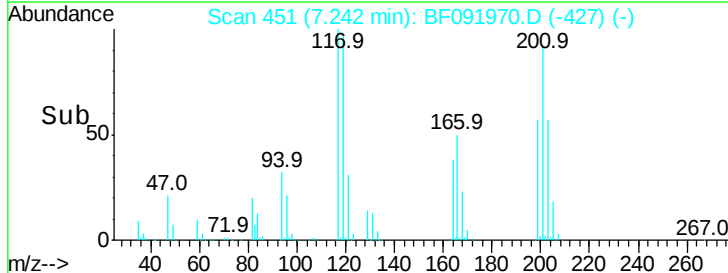
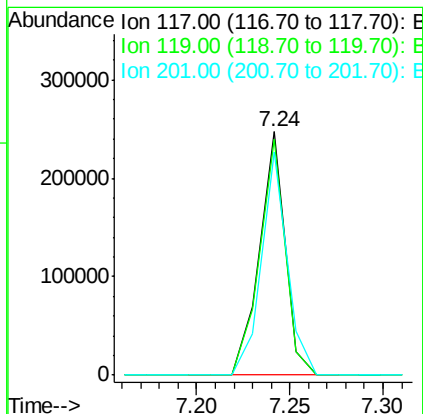
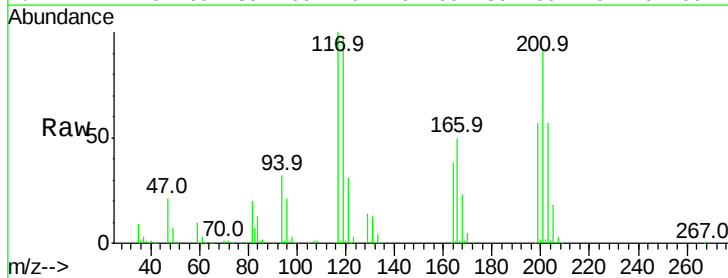
Instrument :
BNA_F
ClientSampleId :
PB95629BSD

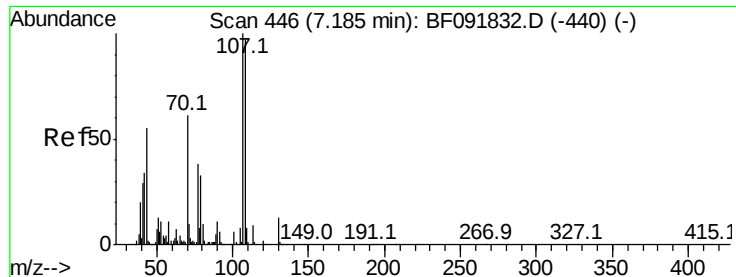
Tot Ion:107 Resp: 488614
Ion Ratio Lower Upper
107 100
108 114.0 93.0 139.6
77 67.3 39.8 59.8#
79 61.7 38.0 57.0#



#18
Hexachloroethane
Concen: 41.72 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

Tgt Ion:117 Resp: 234005
Ion Ratio Lower Upper
117 100
119 96.9 78.1 117.1
201 91.7 78.6 117.8

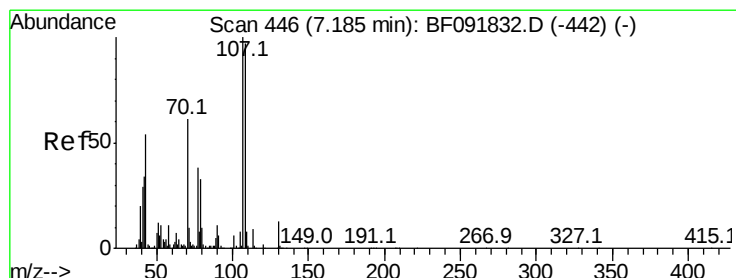
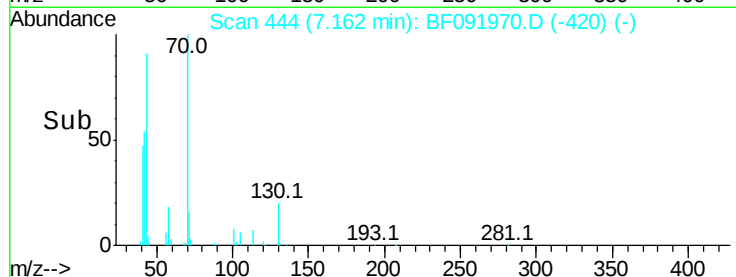
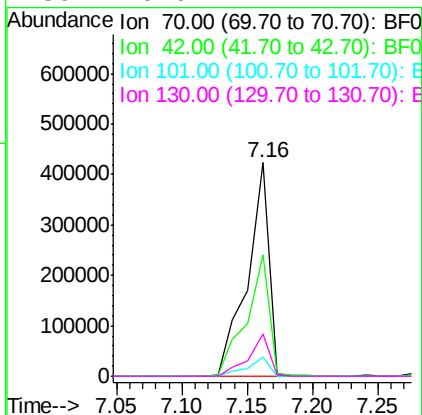
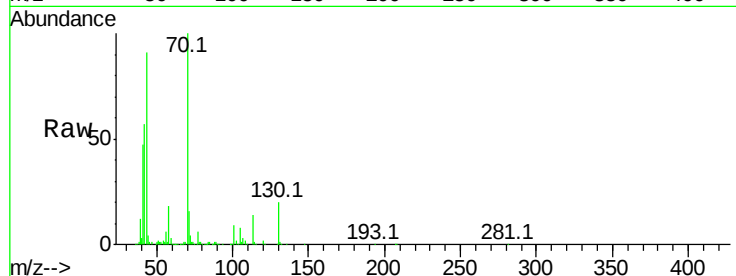




#19
n-Nitroso-di-n-propylamine
Concen: 49.48 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

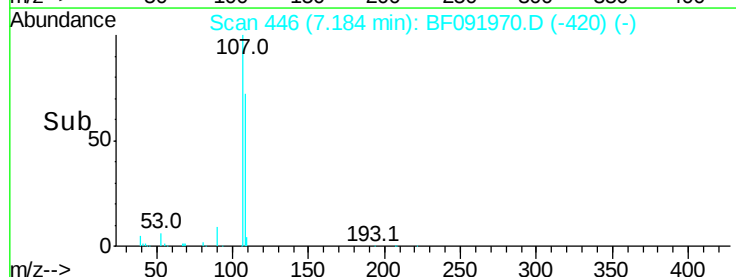
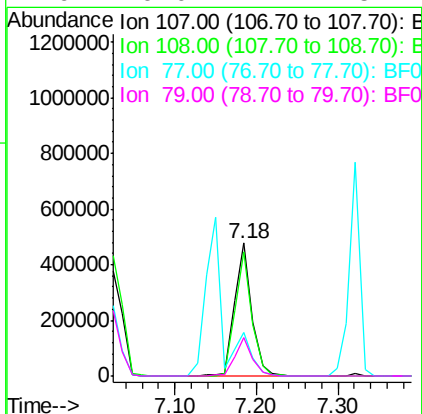
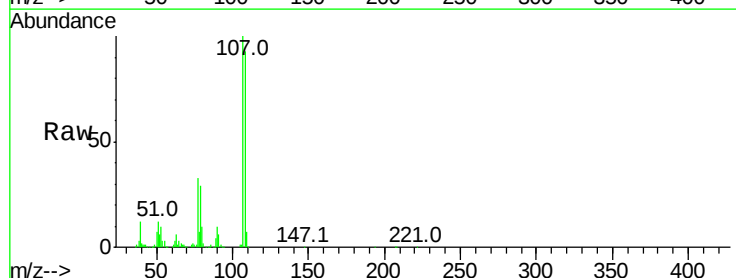
Instrument :
BNA_F
ClientSampleId :
PB95629BSD

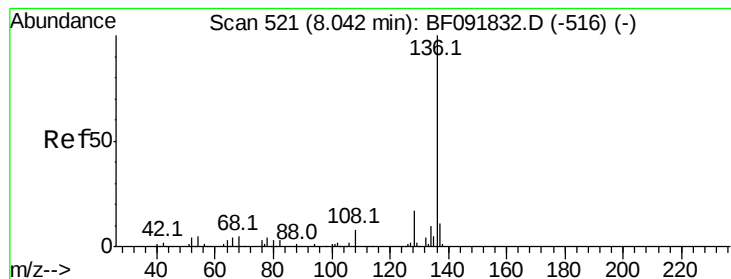
Tot Ion:	70	Resp:	491914
Ion	Ratio	Lower	Upper
70	100		
42	56.9	49.4	74.0
101	9.0	7.4	11.2
130	19.9	14.2	21.4



#20
3+4-Methylphenols
Concen: 51.91 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

Tgt Ion:	107	Resp:	693280
Ion	Ratio	Lower	Upper
107	100		
108	93.1	73.0	113.0
77	33.1	71.3	111.3
79	29.0	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

Tot Ion:136 Resp: 863551

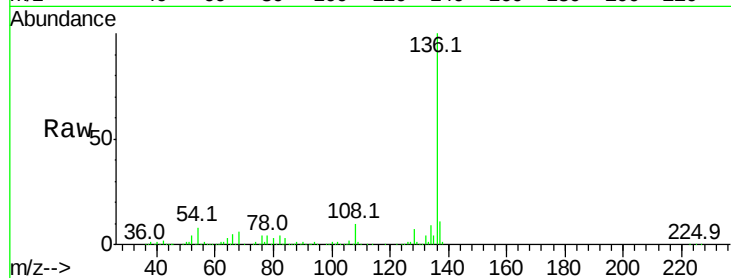
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 7.6 4.5 6.7#

68 6.1 3.6 5.4#

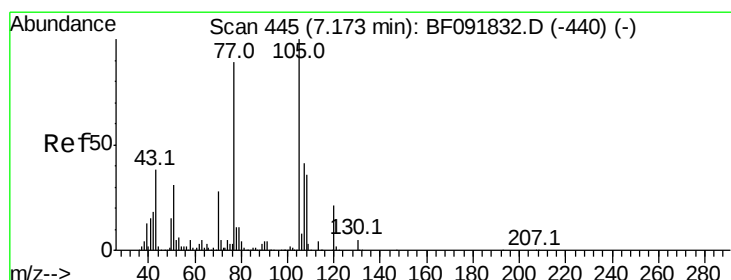
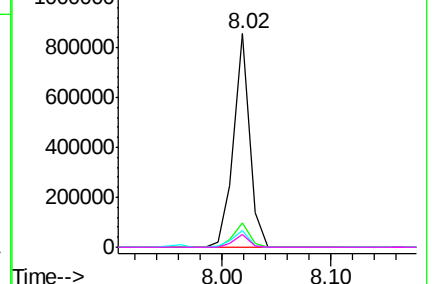
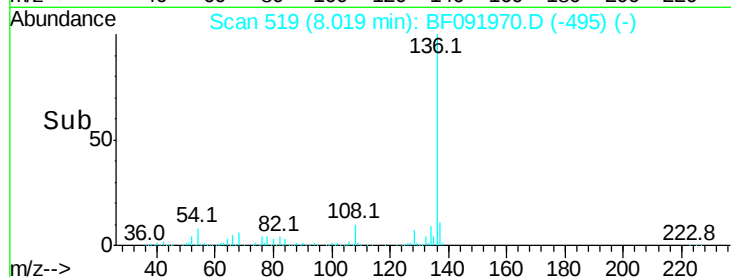


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.71 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Tgt Ion:105 Resp: 909750

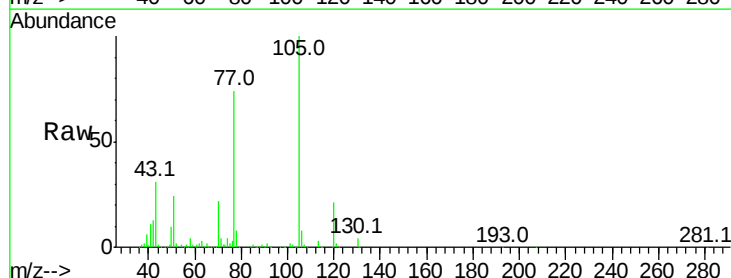
Ion Ratio Lower Upper

105 100

71 3.6 3.2 4.8

51 24.4 26.2 39.4#

120 21.5 16.6 24.8

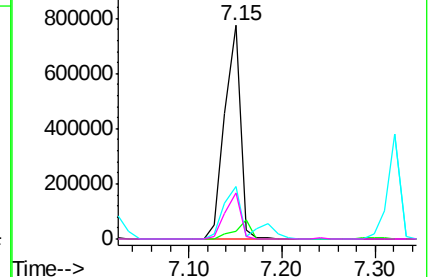
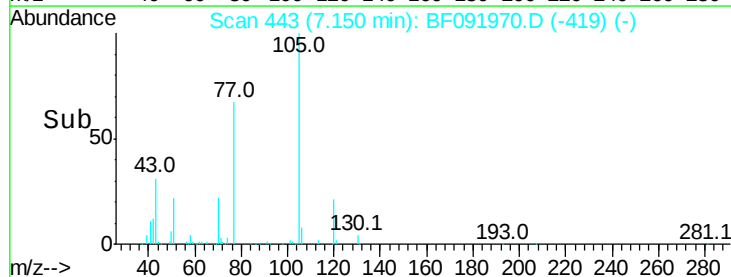


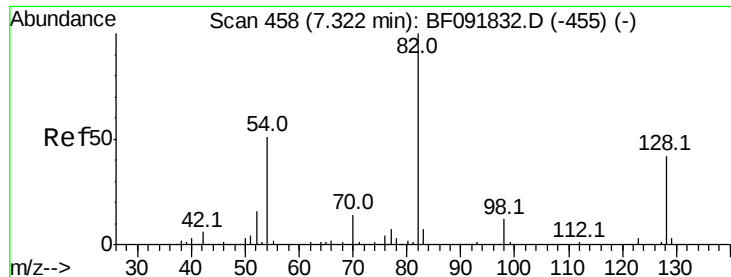
Abundance Ion 105.00 (104.70 to 105.70): E

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



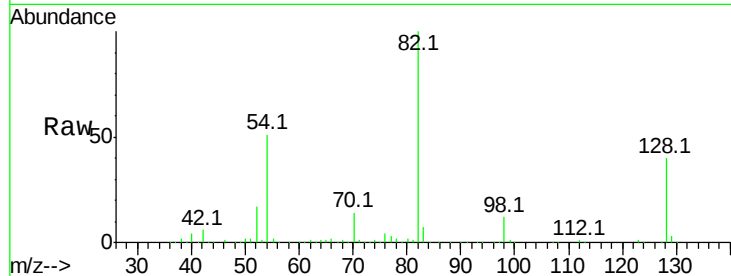


#23
 Nitrobenzene-d5
 Concen: 83.33 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

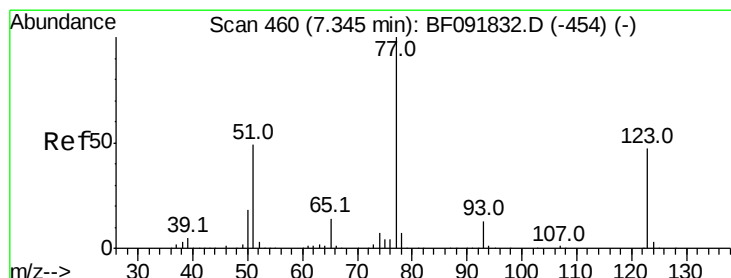
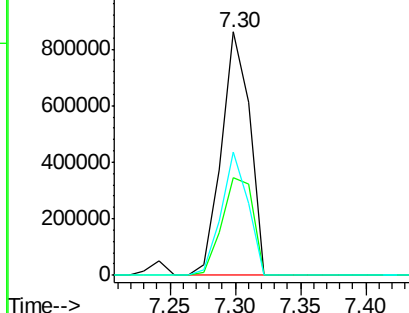
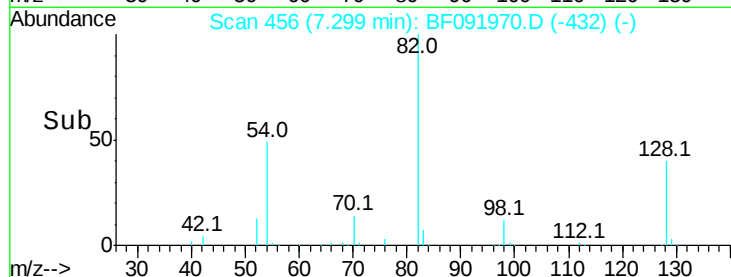
Instrument :
 BNA_F
 ClientSampleId :
 PB95629BSD

Tot Ion: 82 Resp: 1294153

Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.6	52.0
54	50.9	39.5	59.3



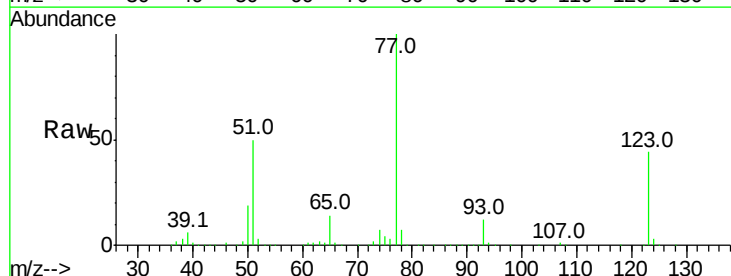
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



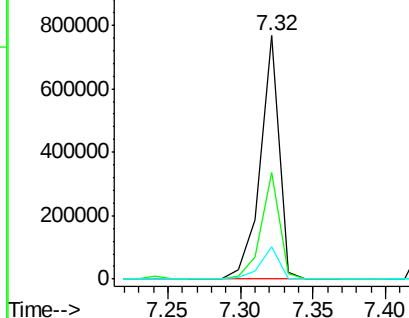
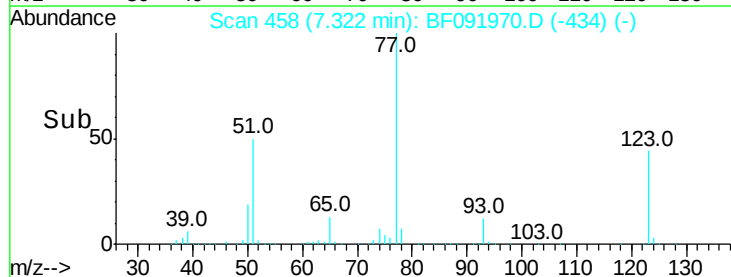
#24
 Nitrobenzene
 Concen: 41.66 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

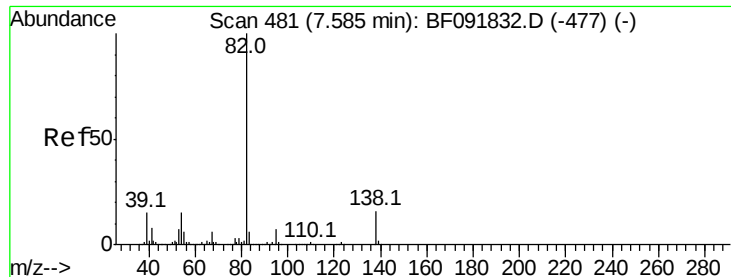
Tgt Ion: 77 Resp: 689043

Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.0	49.4
65	13.5	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: 39.79 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

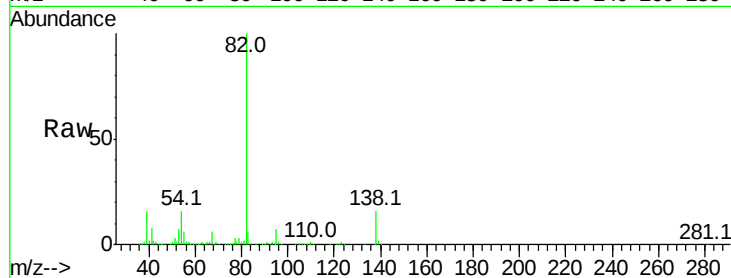
Tot Ion: 82 Resp: 1139948

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

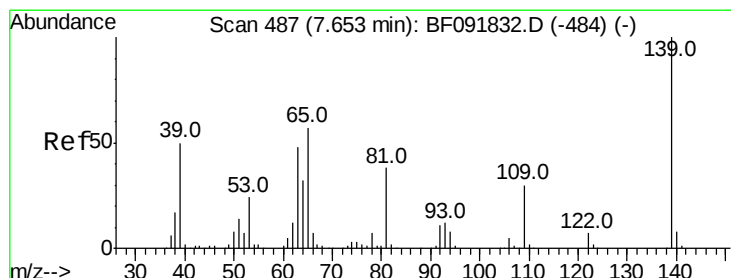
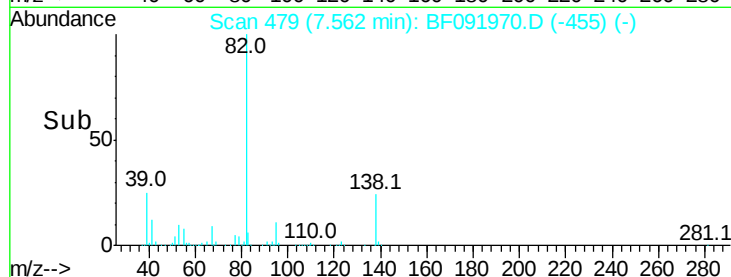
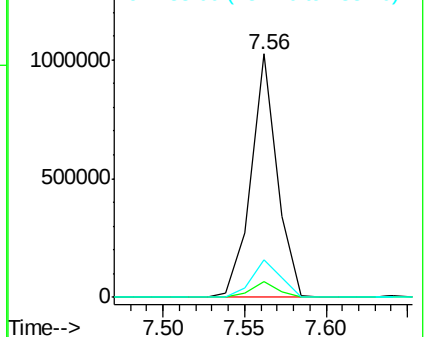
138 15.5 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.38 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

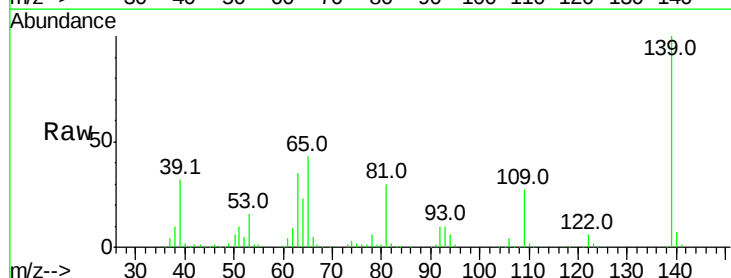
Tgt Ion: 139 Resp: 353818

Ion Ratio Lower Upper

139 100

109 26.9 23.3 34.9

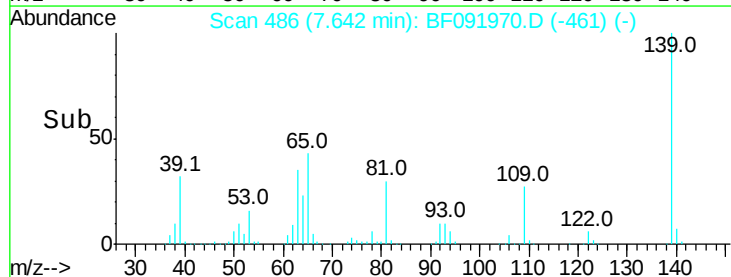
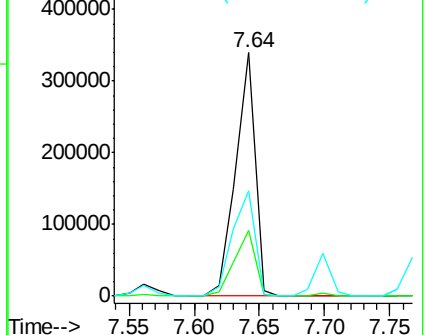
65 43.5 42.7 64.1

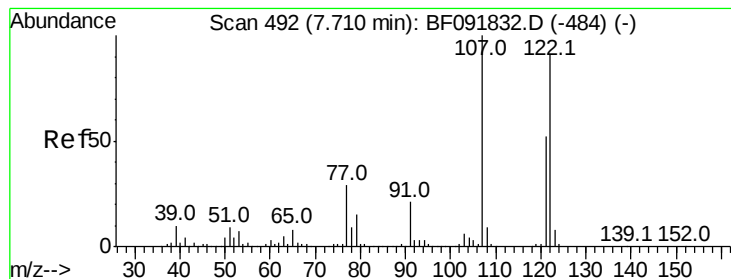


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.69 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

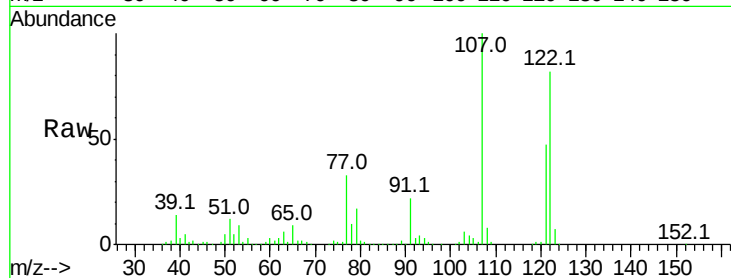
Tot Ion:122 Resp: 496411

Ion Ratio Lower Upper

122 100

107 121.4 94.1 141.1

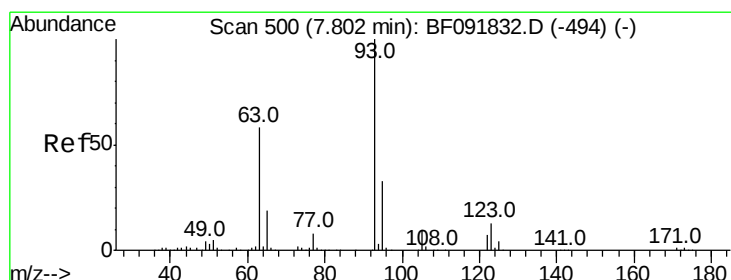
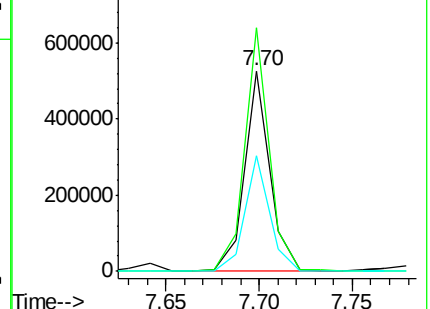
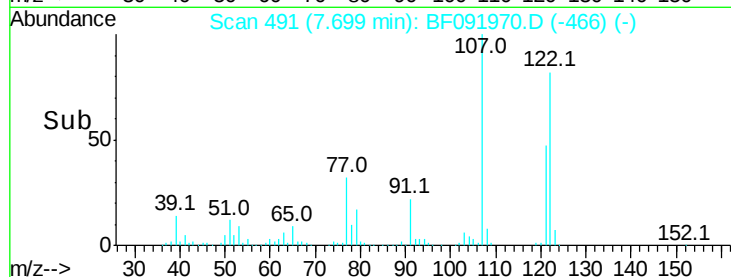
121 57.6 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.94 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

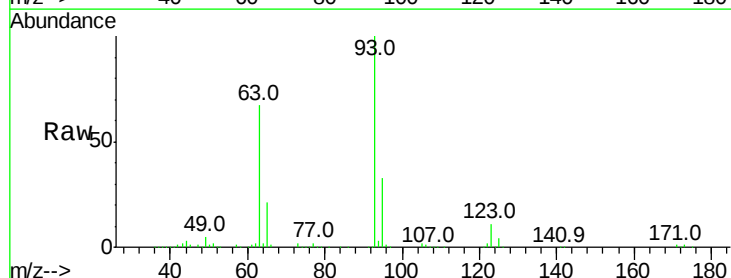
Tgt Ion: 93 Resp: 763520

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

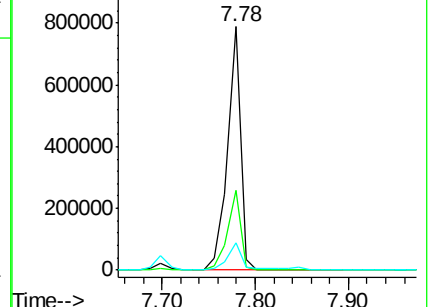
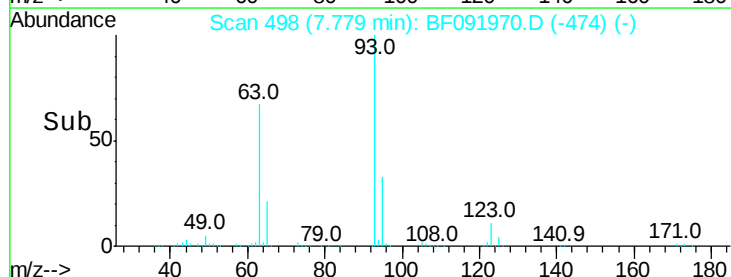
123 11.2 8.6 13.0

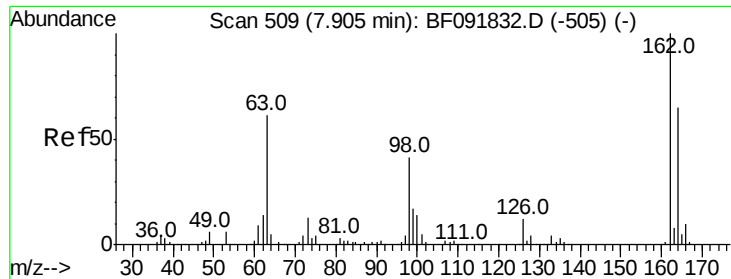


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

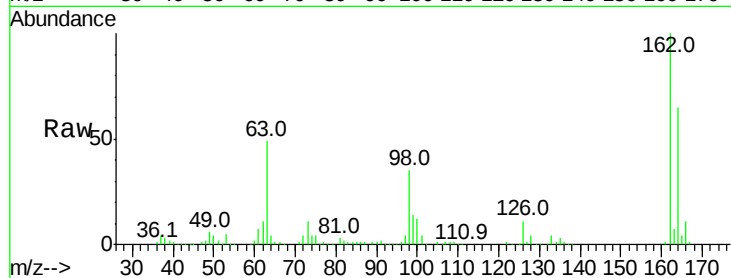




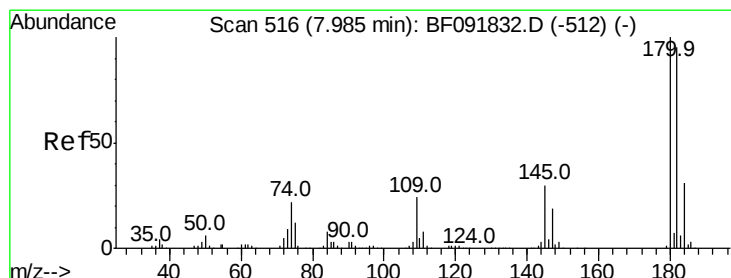
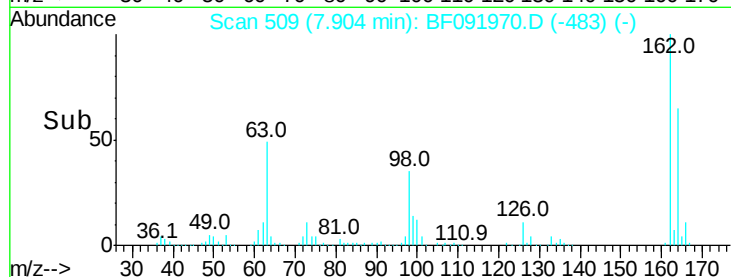
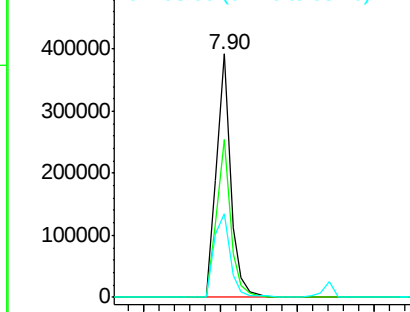
#29
 2,4-Dichlorophenol
 Concen: 44.47 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB95629BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	46.8	86.8
98	34.5	9.1	49.1

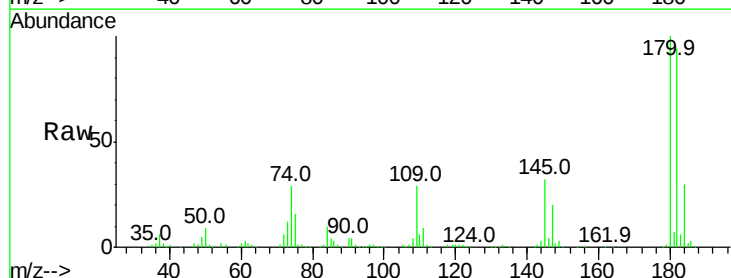


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

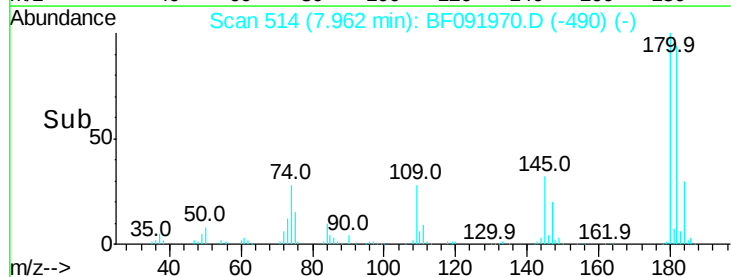
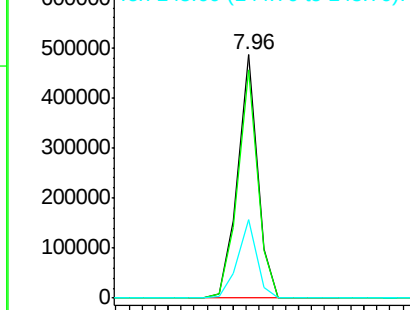


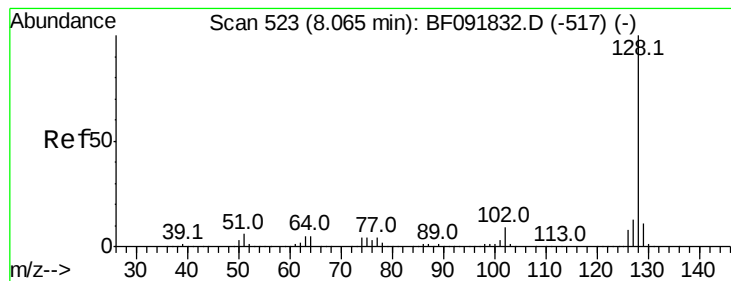
#30
 1,2,4-Trichlorobenzene
 Concen: 40.97 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.02 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.2	117.4
145	32.2	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: 42.50 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

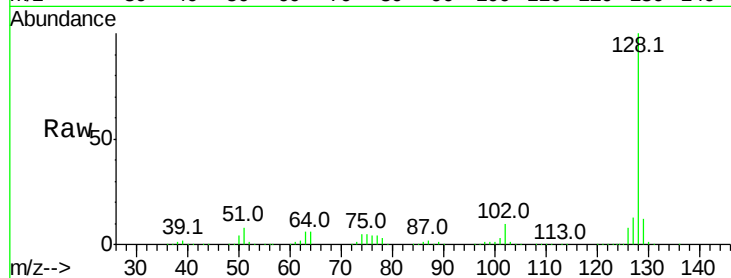
Tot Ion:128 Resp: 1679759

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

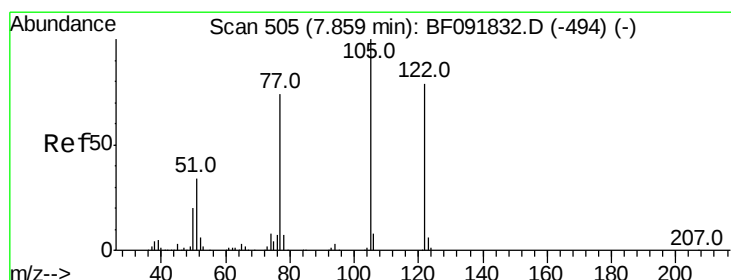
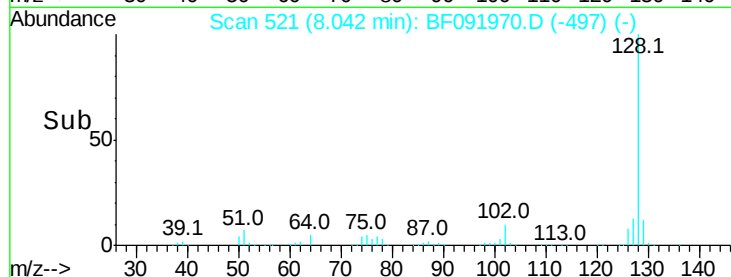
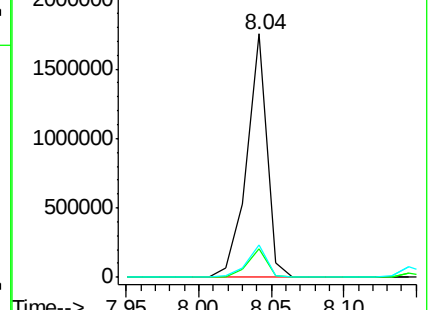
127 13.5 10.8 16.2



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: 30.79 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

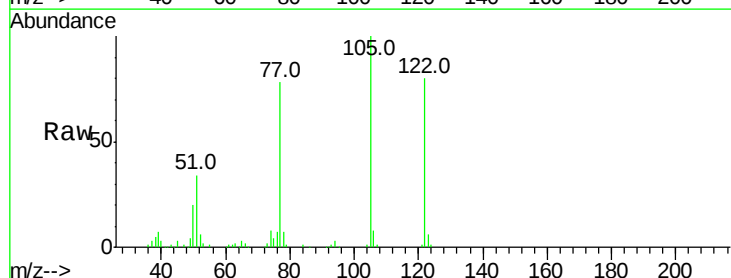
Tgt Ion:122 Resp: 308942

Ion Ratio Lower Upper

122 100

105 124.8 107.2 147.2

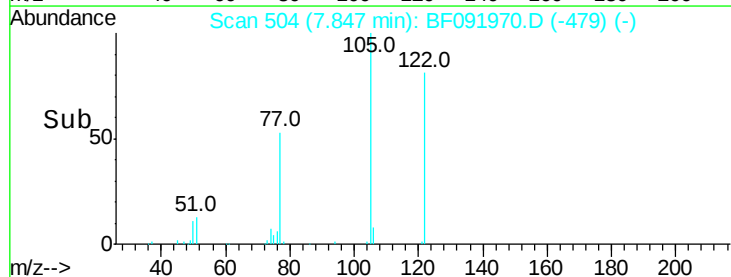
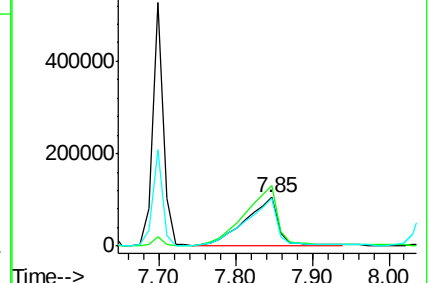
77 97.9 74.5 114.5

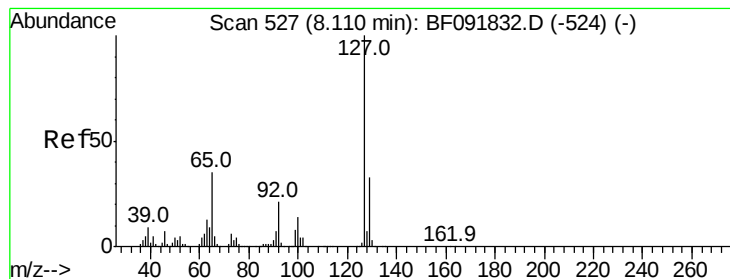


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 7.71 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.03 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

Tot Ion:127 Resp: 137357

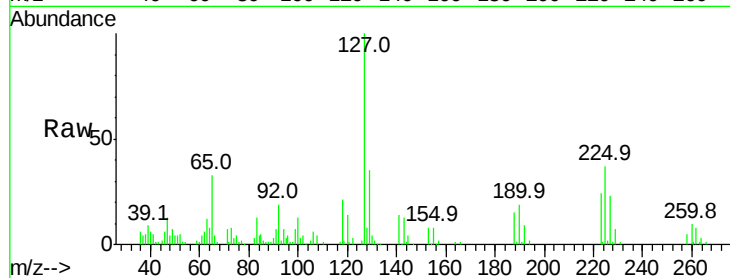
Ion Ratio Lower Upper

127 100

129 35.5 26.3 39.5

65 32.7 25.8 38.8

92 19.4 16.1 24.1

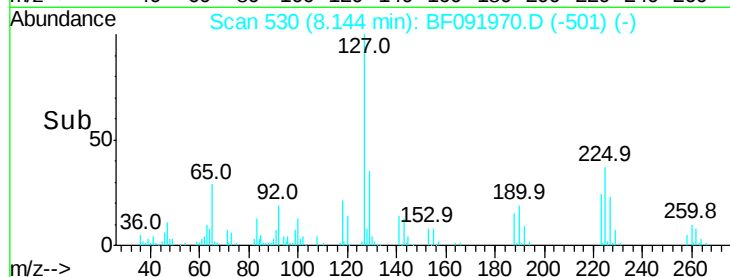


Abundance Ion 127.00 (126.70 to 127.70): E

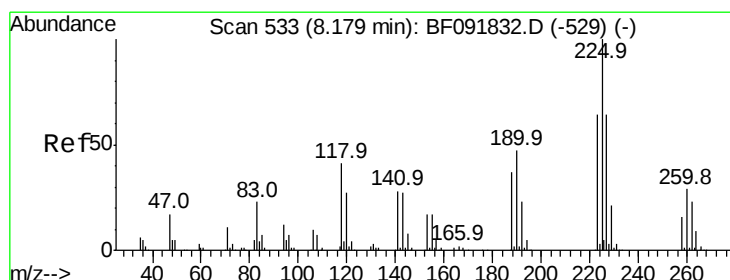
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 42.51 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

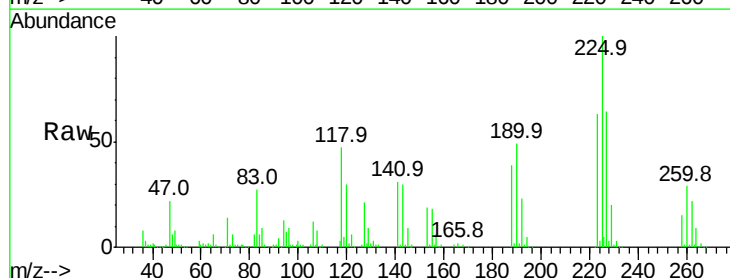
Tgt Ion:225 Resp: 281724

Ion Ratio Lower Upper

225 100

223 63.1 51.0 76.6

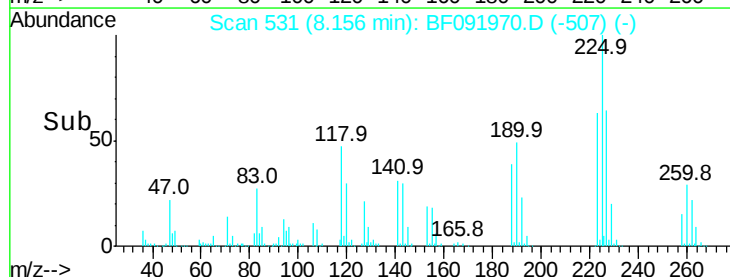
227 63.8 50.6 76.0



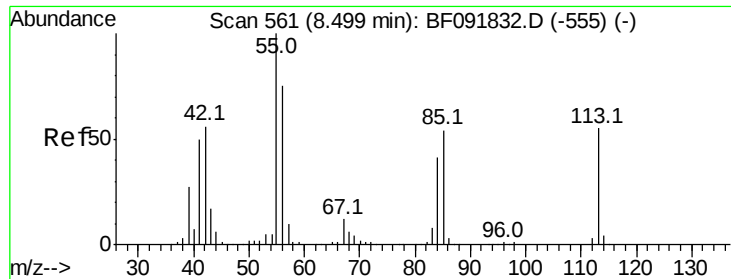
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



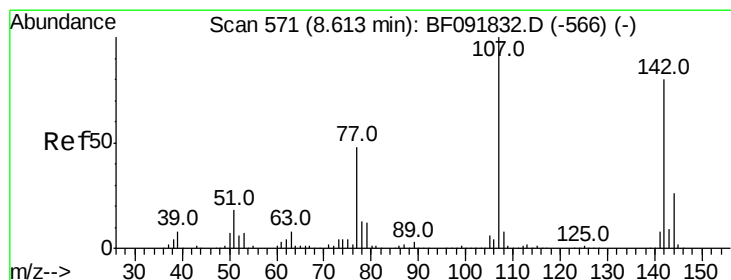
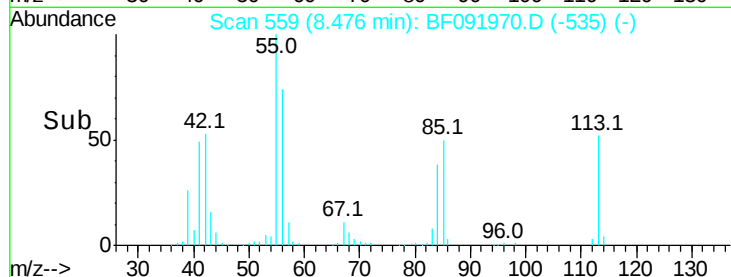
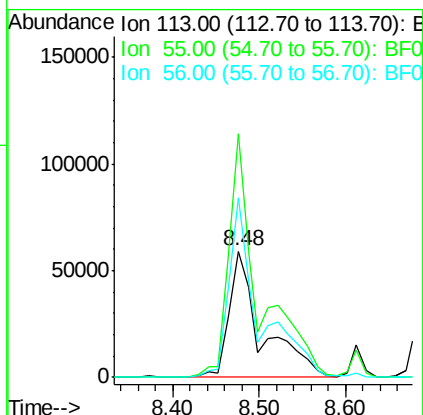
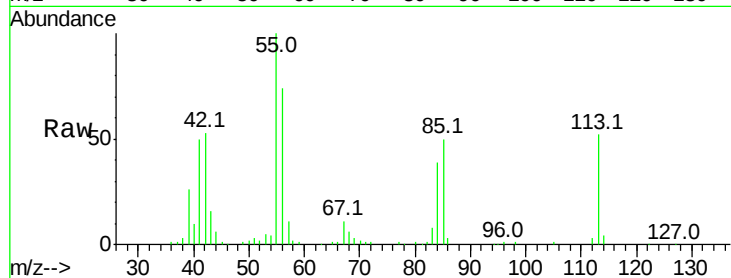
Time-->



#35
Caprolactam
Concen: 40.98 ng/ml
RT: 8.48 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

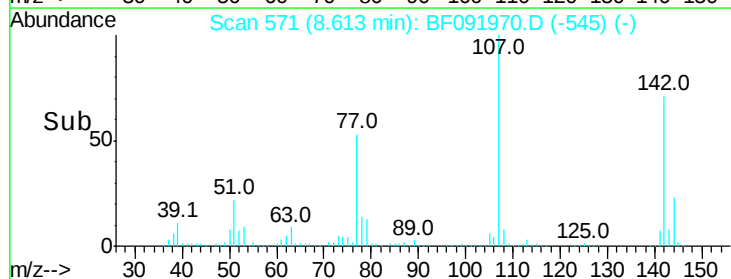
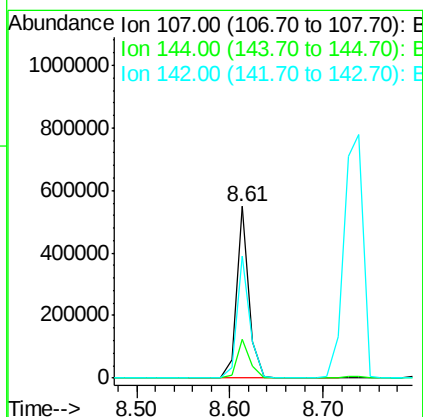
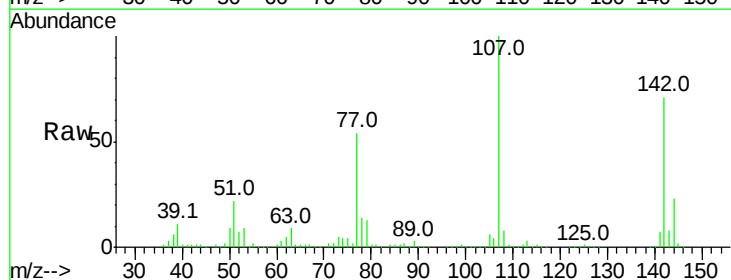
Instrument :
BNA_F
ClientSampleId :
PB95629BSD

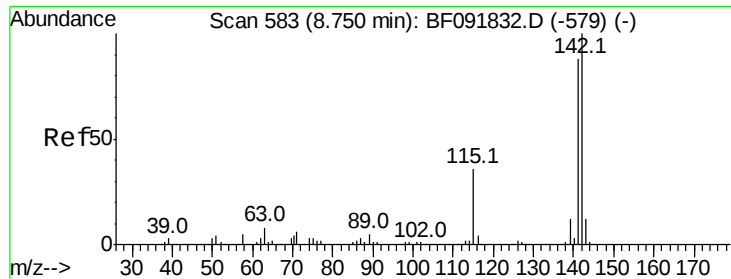
Tot Ion:113 Resp: 154279
Ion Ratio Lower Upper
113 100
55 193.1 119.2 159.2#
56 142.0 83.8 123.8#



#36
4-Chloro-3-methylphenol
Concen: 38.38 ng/ml
RT: 8.61 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

Tgt Ion:107 Resp: 505927
Ion Ratio Lower Upper
107 100
144 23.0 19.3 28.9
142 70.9 59.0 88.6

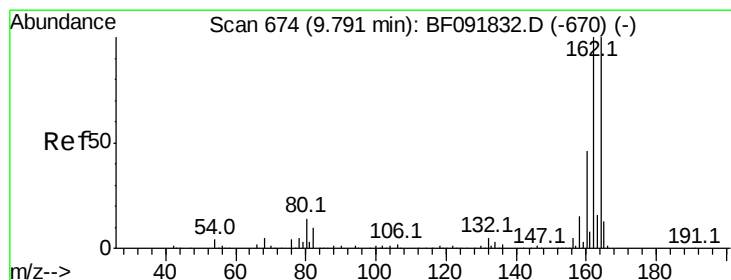
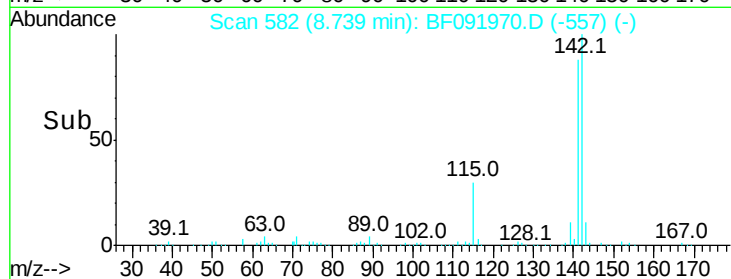
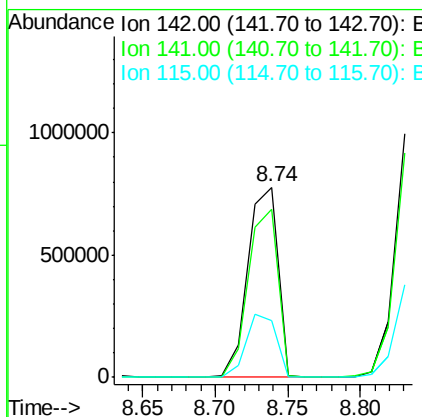
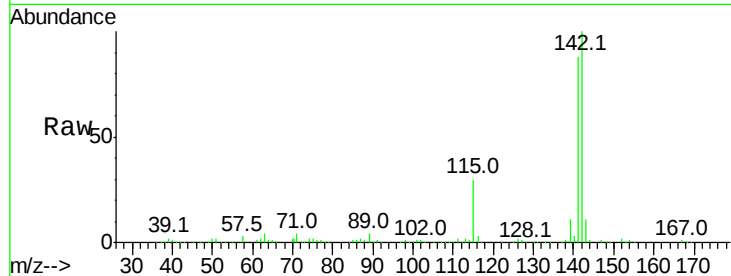




#37
2-Methylnaphthalene
Concen: 47.74 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

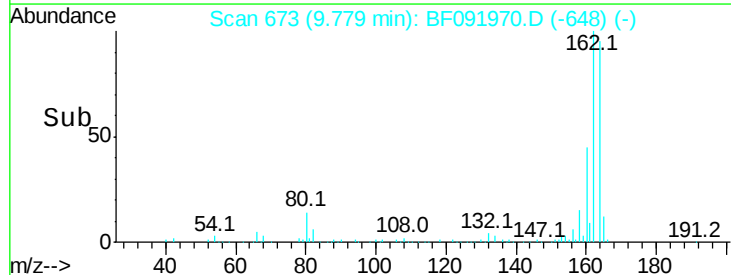
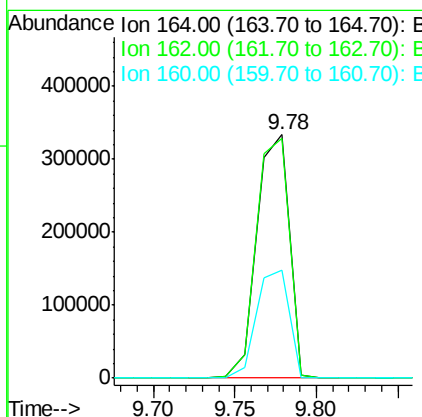
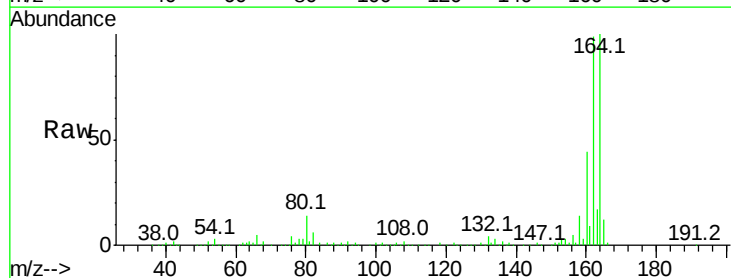
Instrument :
BNA_F
ClientSampleId :
PB95629BSD

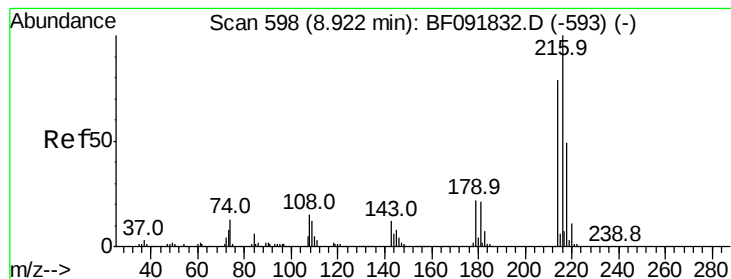
Tot Ion:142 Resp: 1118403
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6
115 29.9 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

Tgt Ion:164 Resp: 462056
Ion Ratio Lower Upper
164 100
162 98.5 80.2 120.2
160 44.1 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.30 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

Tot Ion:216 Resp: 447135

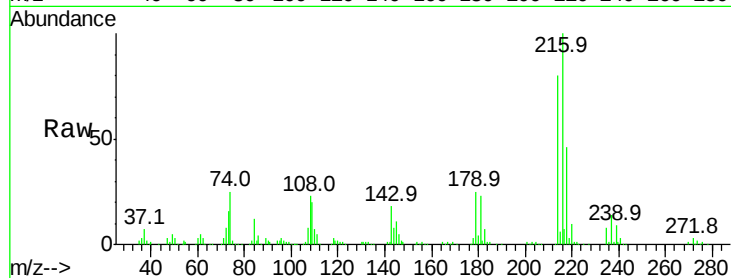
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 22.7 17.4 26.2

108 23.8 15.6 23.4#

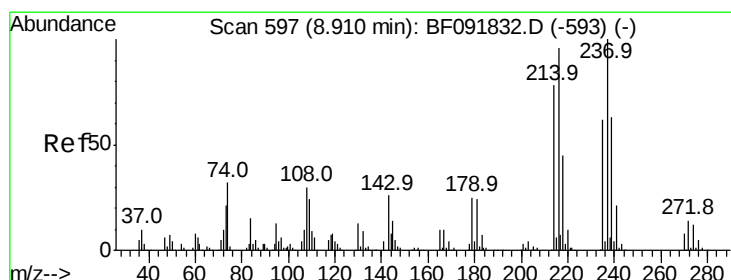
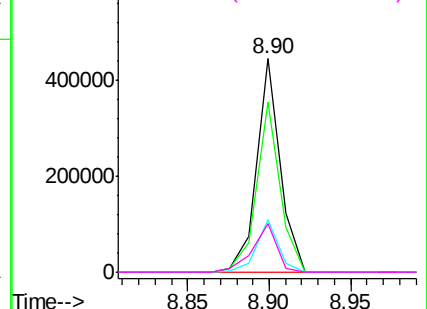
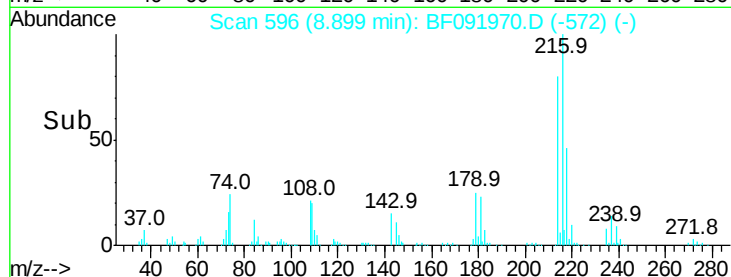


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.85 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

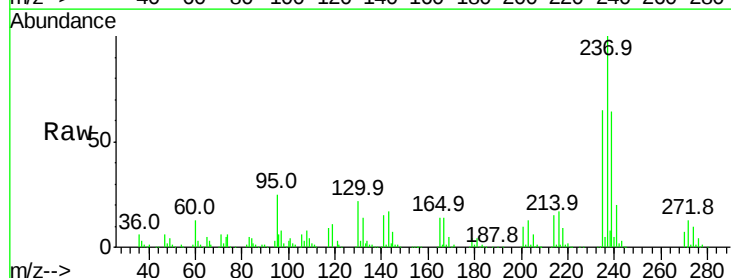
Tgt Ion:237 Resp: 420550

Ion Ratio Lower Upper

237 100

235 64.5 41.2 81.2

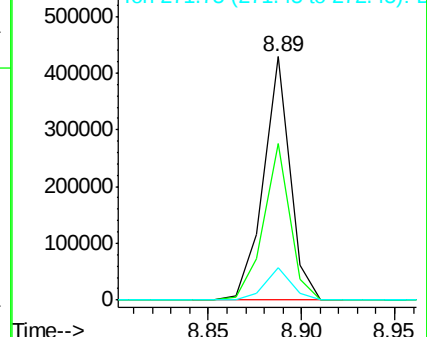
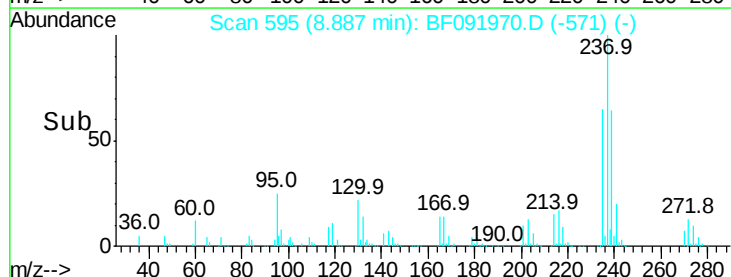
272 13.2 0.0 35.4



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

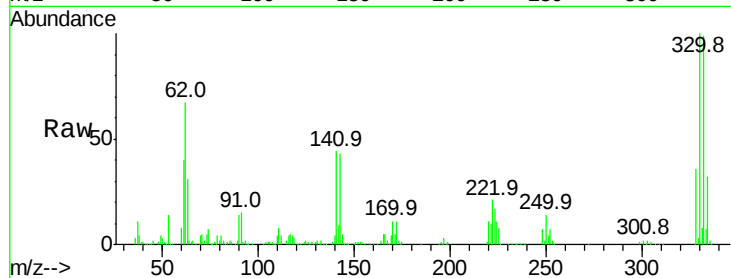




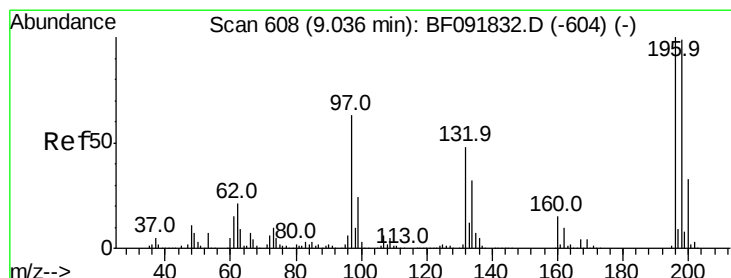
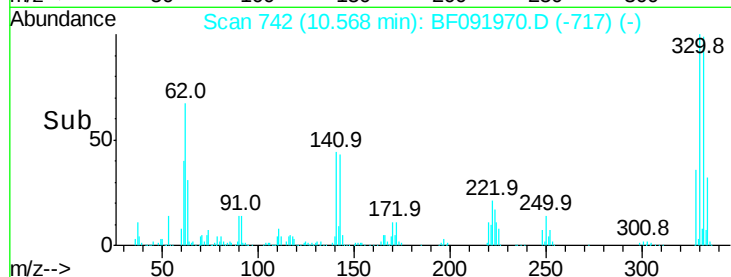
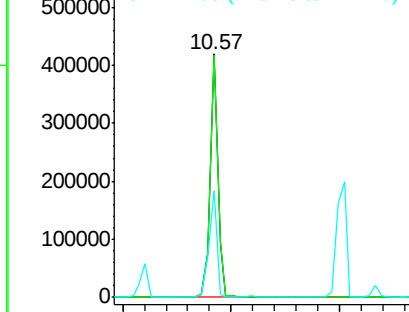
#41
 2,4,6-Tribromophenol
 Concen: 109.14 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB95629BSD

Tot Ion:330 Resp: 417342
 Ion Ratio Lower Upper
 330 100
 332 99.5 77.4 116.2
 141 43.6 34.1 51.1

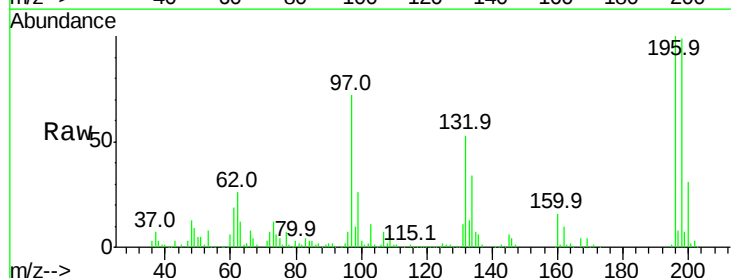


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

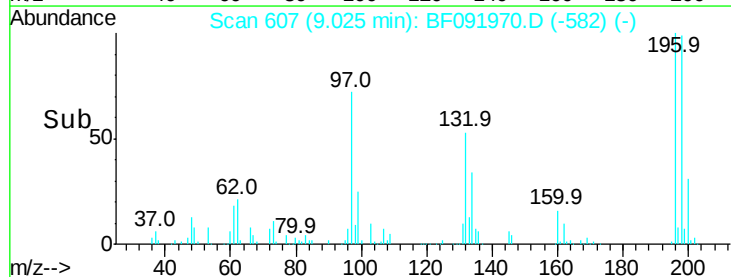
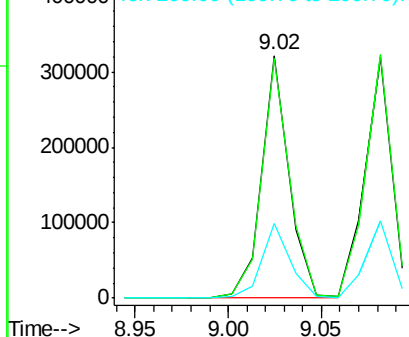


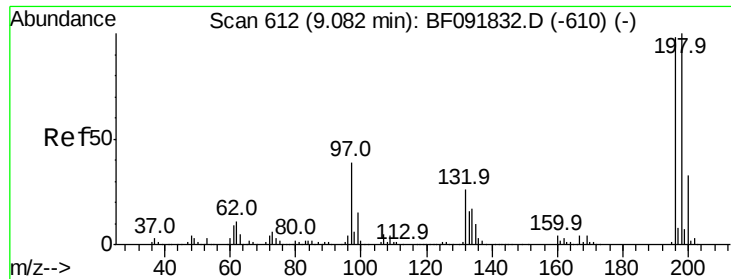
#42
 2,4,6-Trichlorophenol
 Concen: 40.06 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

Tgt Ion:196 Resp: 327095
 Ion Ratio Lower Upper
 196 100
 198 98.8 82.1 123.1
 200 30.8 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

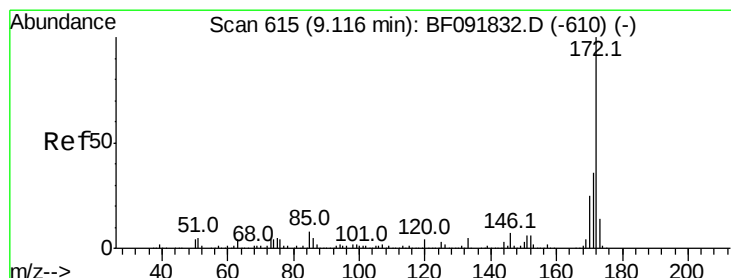
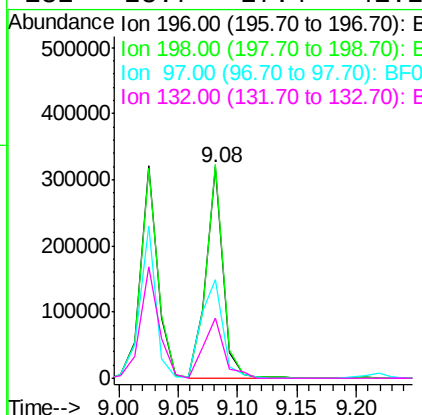
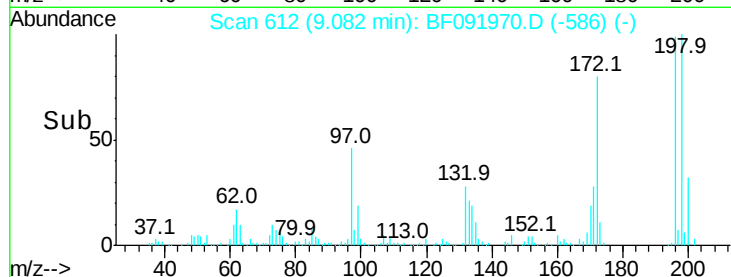
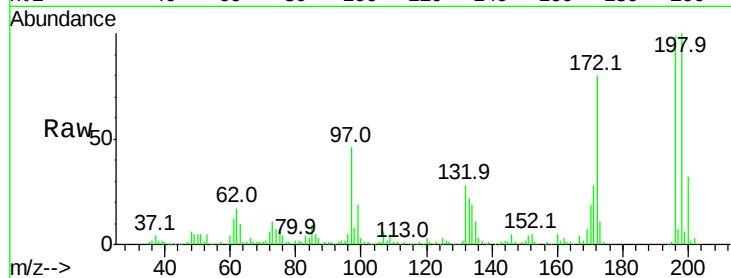




#43
 2,4,5-Trichlorophenol
 Concen: 38.38 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

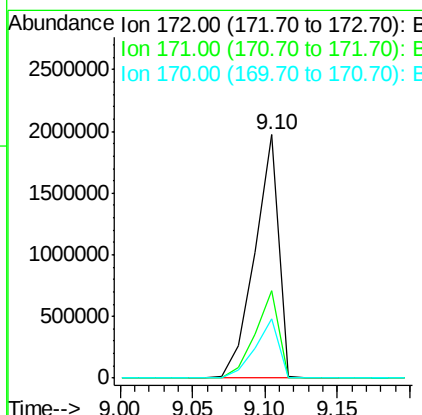
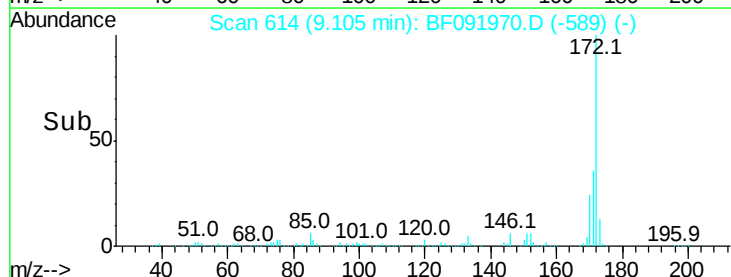
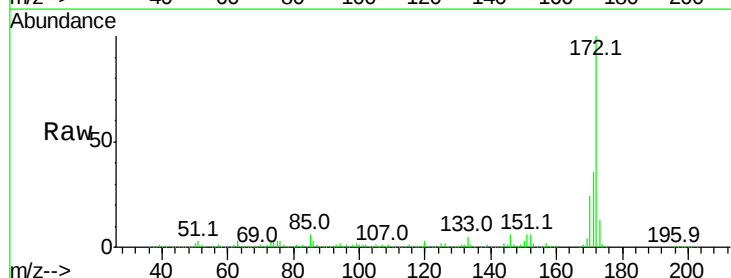
Instrument :
 BNA_F
 ClientSampleId :
 PB95629BSD

Tot Ion:	196	Resp:	322479
Ion	Ratio	Lower	Upper
196	100		
198	101.2	79.4	119.2
97	46.9	51.5	77.3#
132	28.7	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 102.68 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

Tgt Ion:	172	Resp:	2255086
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.3	20.2	30.4





#45

1,1'-Biphenyl

Concen: 39.94 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

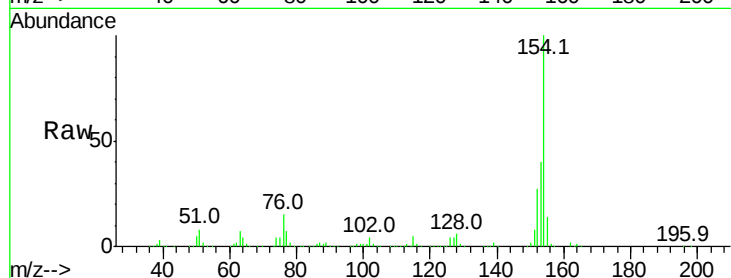
Tot Ion:154 Resp: 1263644

Ion Ratio Lower Upper

154 100

153 40.3 20.9 60.9

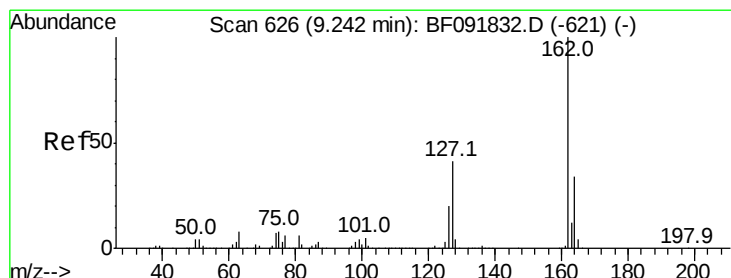
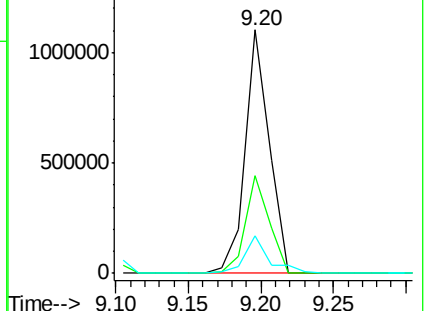
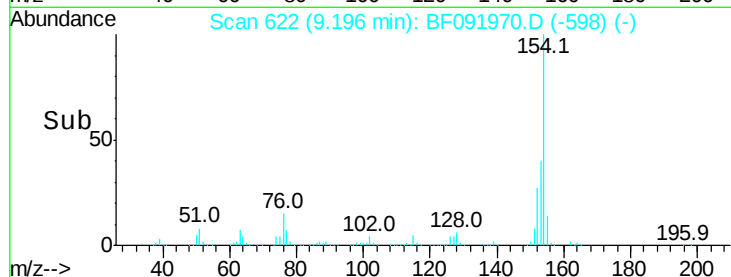
76 15.4 0.0 30.5



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: 39.31 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

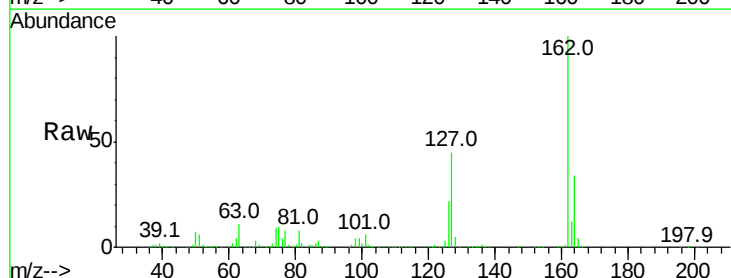
Tgt Ion:162 Resp: 984790

Ion Ratio Lower Upper

162 100

127 45.2 30.7 46.1

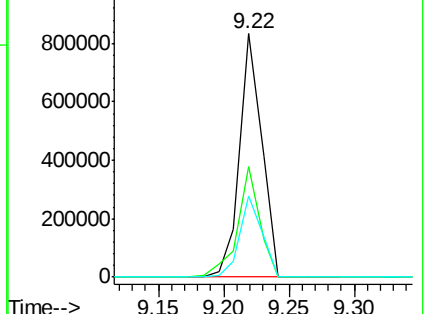
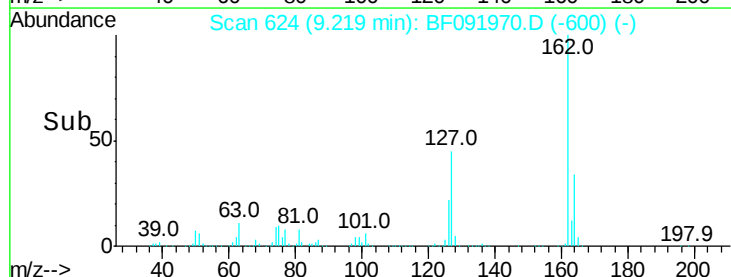
164 33.5 27.6 41.4

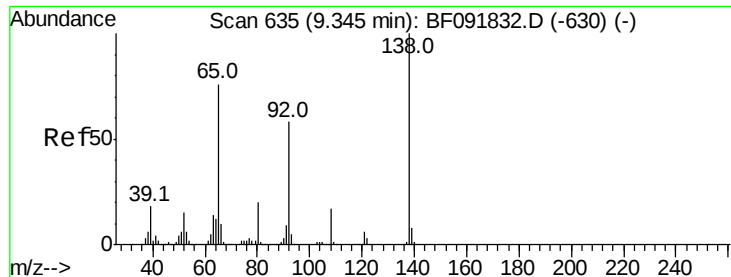


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.54 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

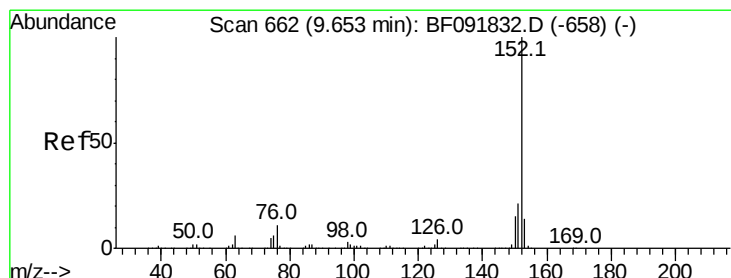
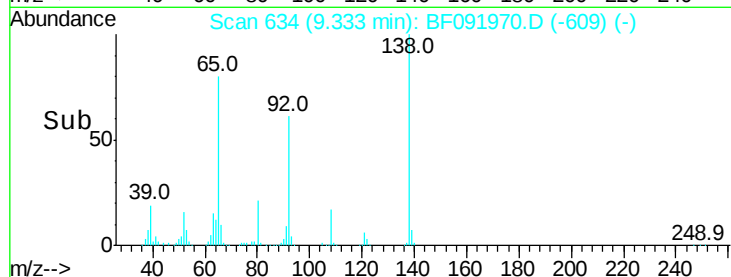
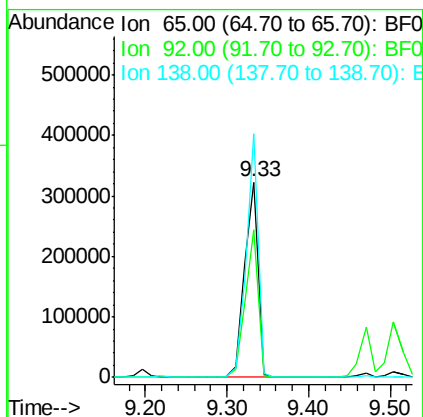
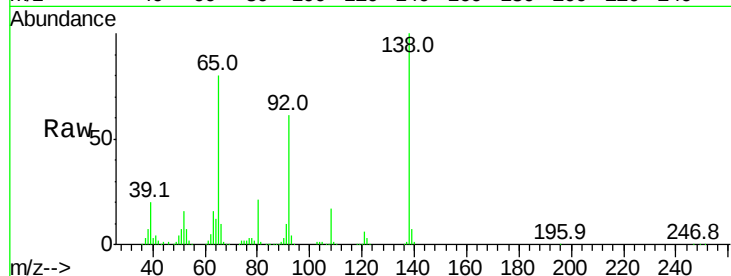
Tot Ion: 65 Resp: 370571

Ion Ratio Lower Upper

65 100

92 75.6 53.9 80.9

138 124.9 76.8 115.2#



#48

Acenaphthylene

Concen: 40.15 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

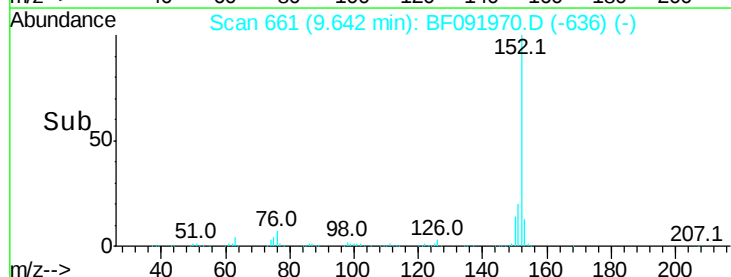
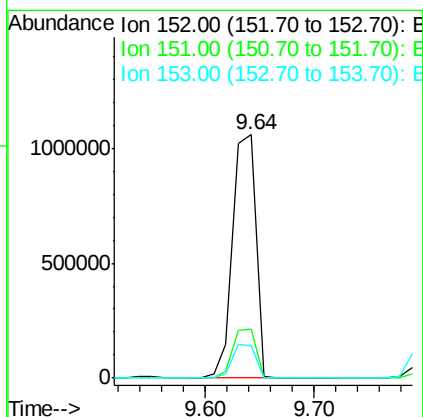
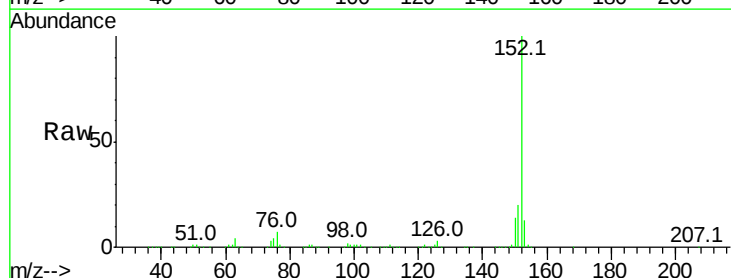
Tgt Ion: 152 Resp: 1547154

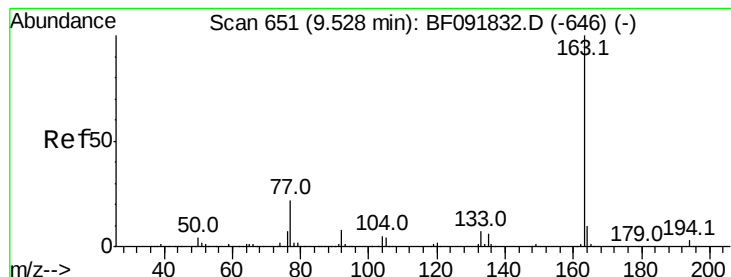
Ion Ratio Lower Upper

152 100

151 20.0 16.9 25.3

153 13.2 11.4 17.2





#49

Dimethylphthalate

Concen: 41.44 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

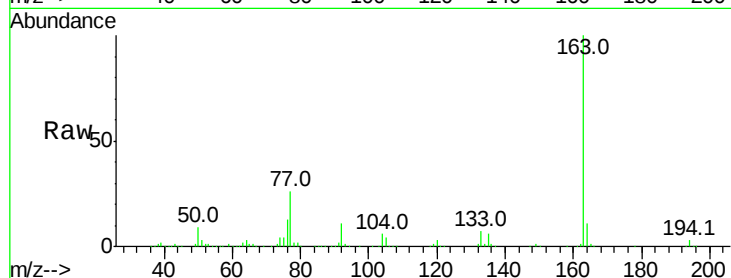
Tot Ion:163 Resp: 1224612

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

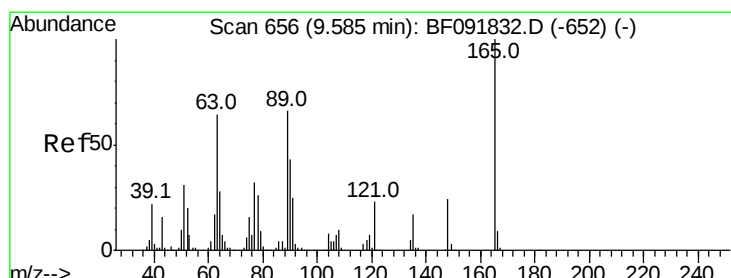
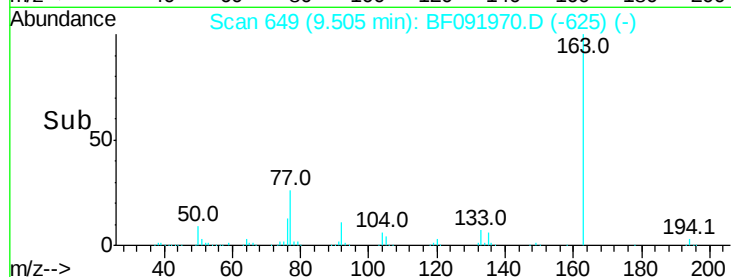
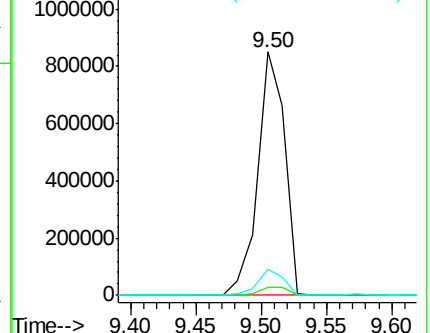
164 10.7 8.0 12.0



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: 46.41 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

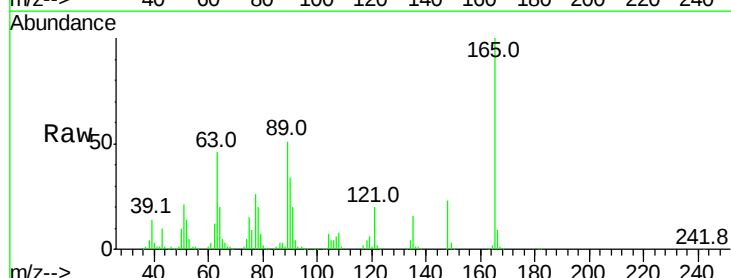
Tgt Ion:165 Resp: 300209

Ion Ratio Lower Upper

165 100

63 45.6 36.2 54.4

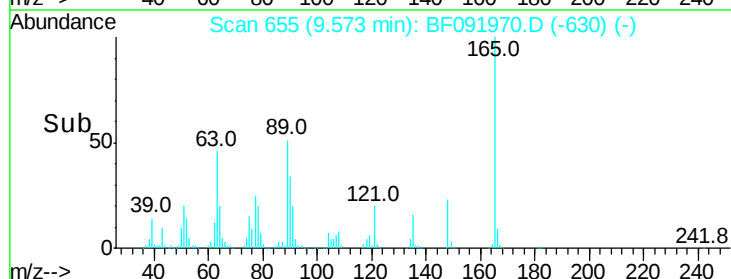
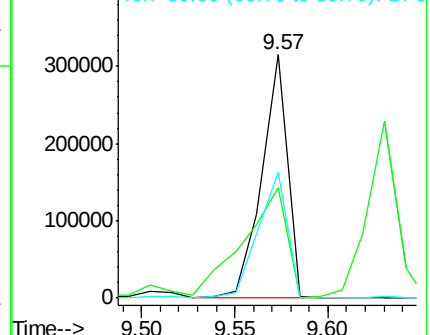
89 51.5 40.2 60.4

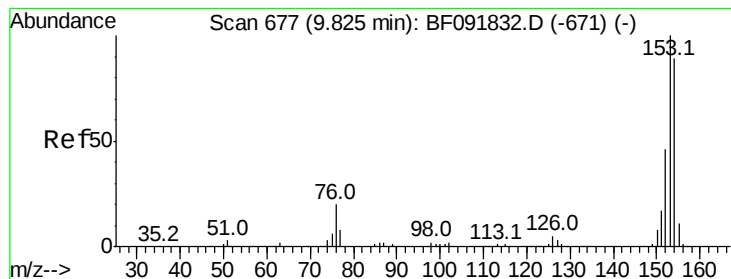


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.46 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

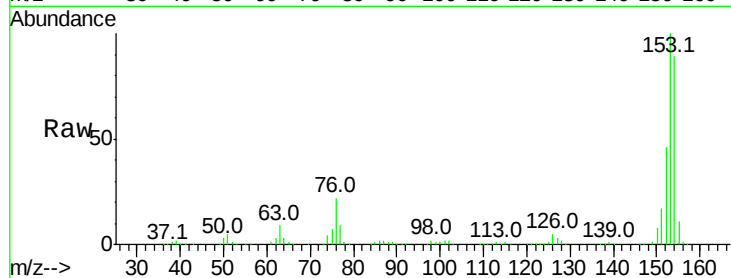
Tot Ion:154 Resp: 978592

Ion Ratio Lower Upper

154 100

153 111.8 88.6 133.0

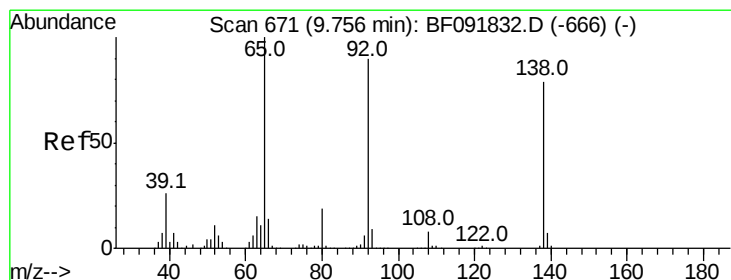
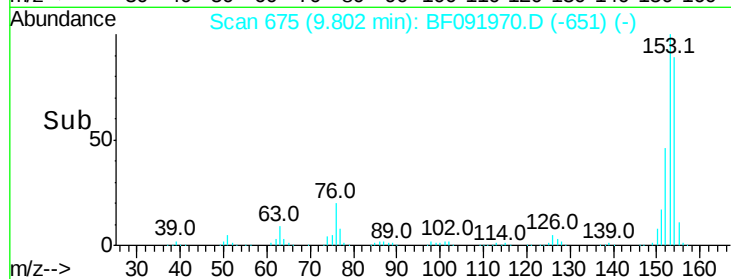
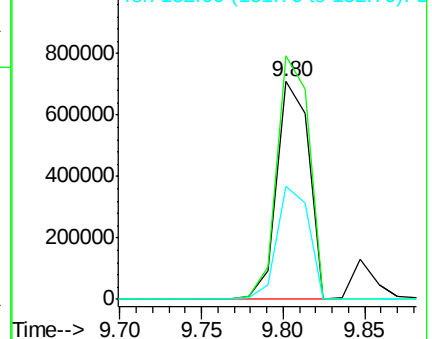
152 51.6 41.6 62.4



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: 19.73 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

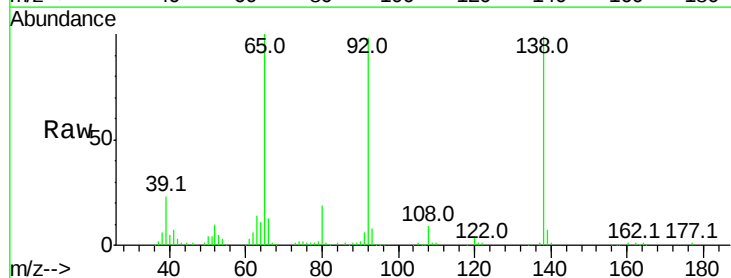
Tgt Ion:138 Resp: 157938

Ion Ratio Lower Upper

138 100

108 9.0 8.5 12.7

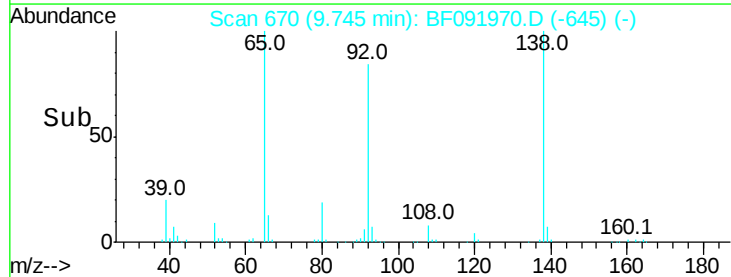
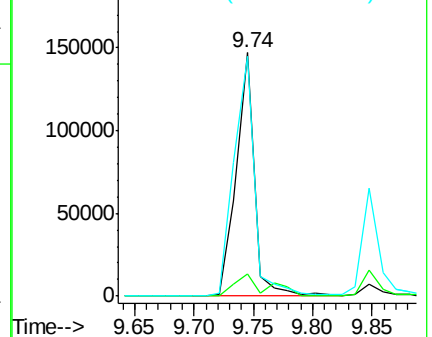
92 98.7 97.8 146.8

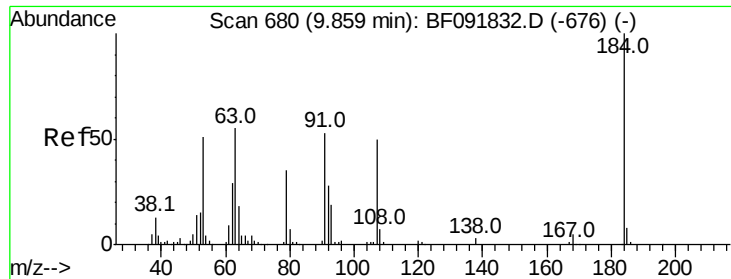


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

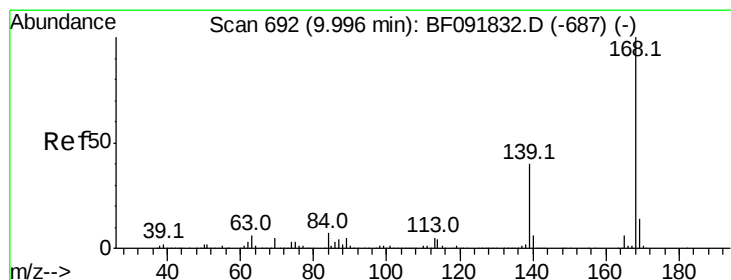
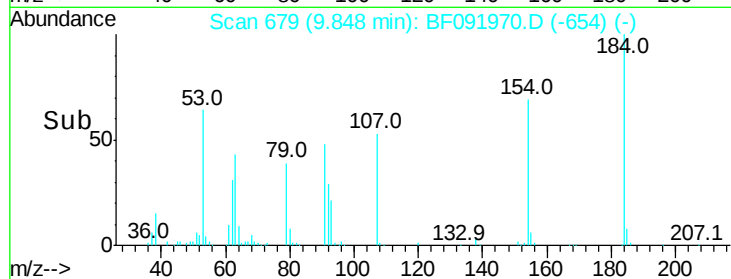
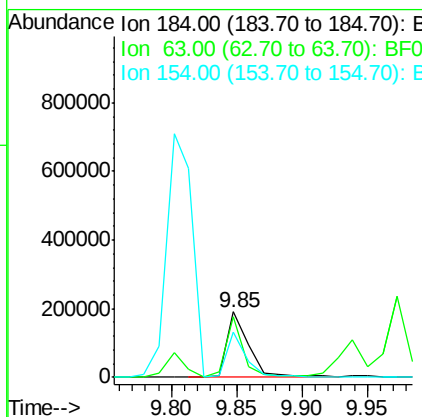
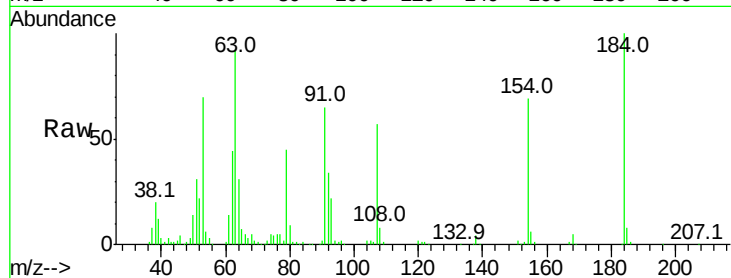




#53
 2,4-Dinitrophenol
 Concen: 62.01 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

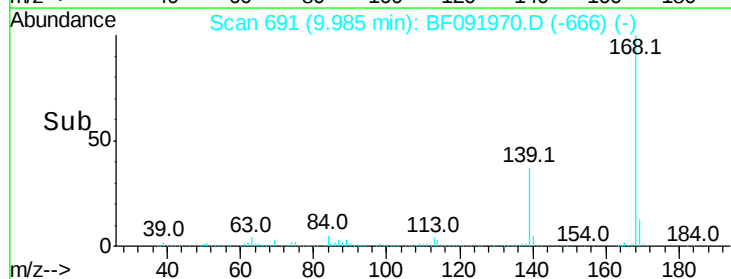
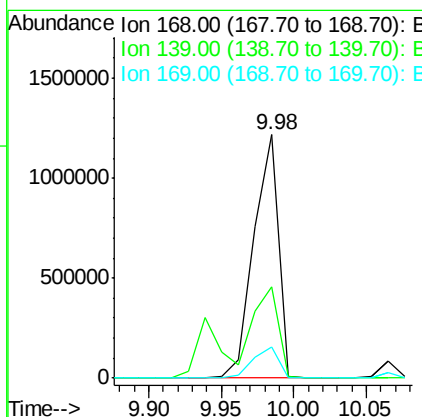
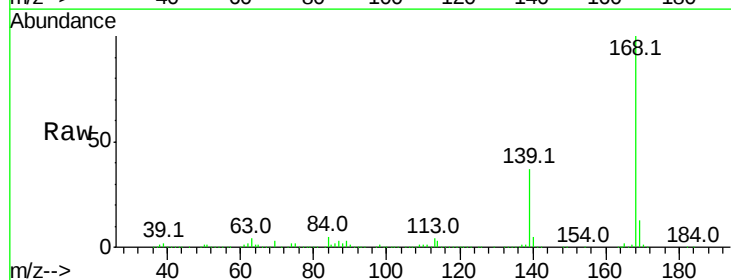
Instrument :
 BNA_F
 ClientSampleId :
 PB95629BSD

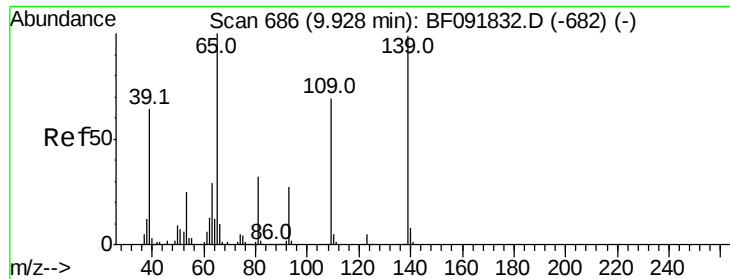
Tot Ion:184 Resp: 223189
 Ion Ratio Lower Upper
 184 100
 63 92.4 28.4 42.6#
 154 69.0 44.3 66.5#



#54
 Dibenzofuran
 Concen: 40.58 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

Tgt Ion:168 Resp: 1431578
 Ion Ratio Lower Upper
 168 100
 139 37.4 32.6 49.0
 169 13.1 11.3 16.9





#55

4-Nitrophenol

Concen: 67.30 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

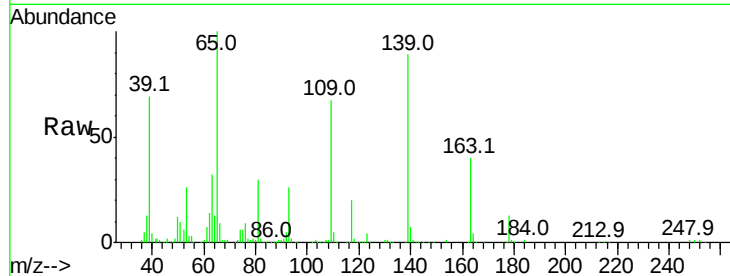
Tot Ion:139 Resp: 365800

Ion Ratio Lower Upper

139 100

109 75.3 52.2 92.2

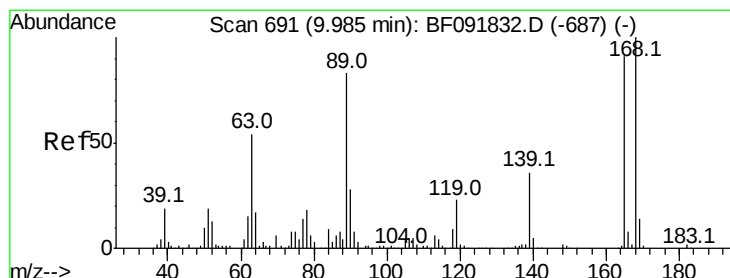
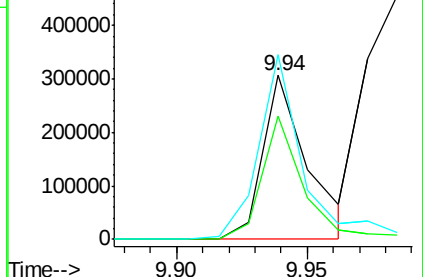
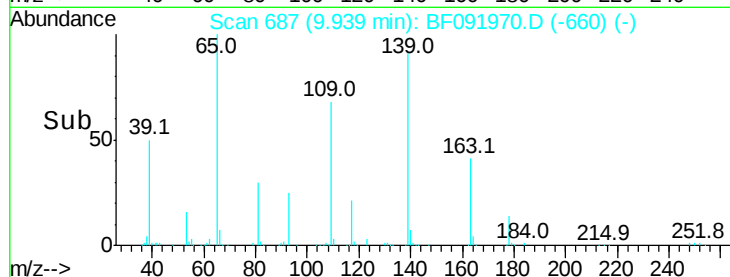
65 112.6 85.8 125.8



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: 39.76 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Tgt Ion:165 Resp: 322821

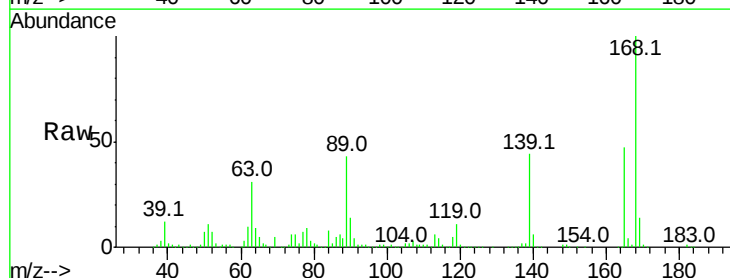
Ion Ratio Lower Upper

165 100

63 65.6 40.2 60.4#

89 90.5 62.5 93.7

182 2.2 1.8 2.8

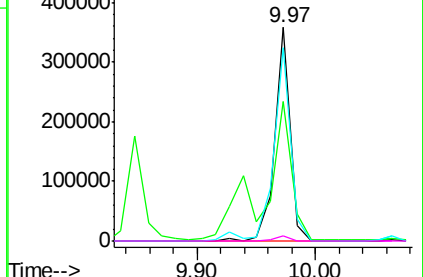
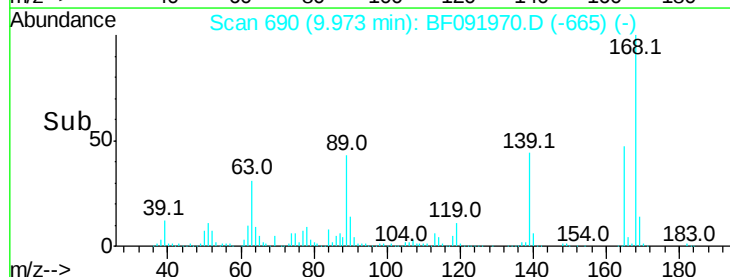


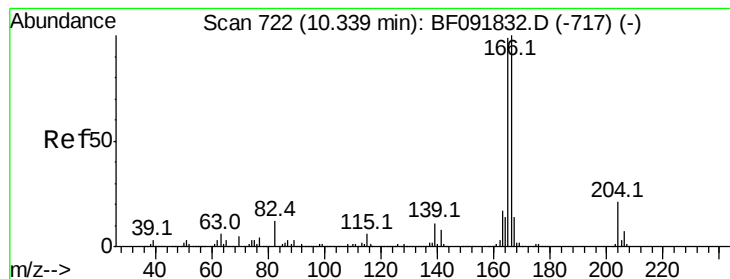
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.63 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

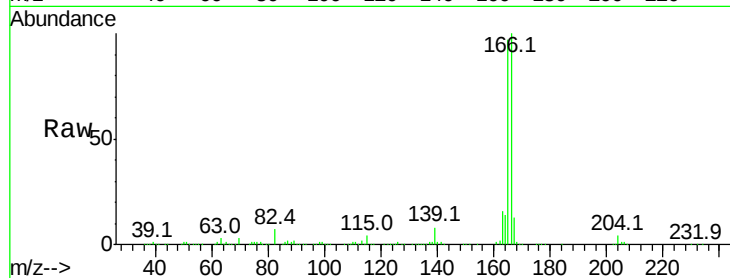
Tot Ion:166 Resp: 1094211

Ion Ratio Lower Upper

166 100

165 96.9 77.8 116.8

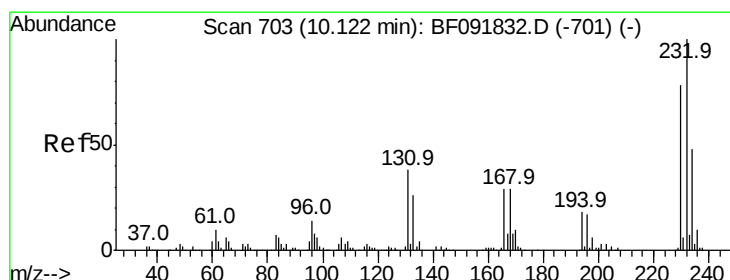
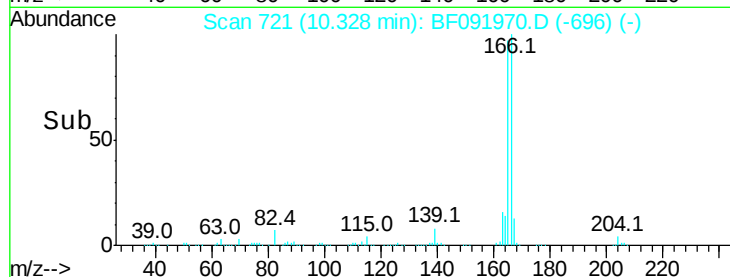
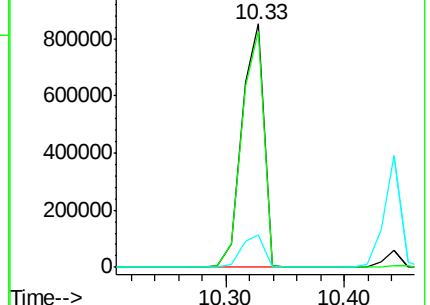
167 13.1 10.8 16.2



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: 42.51 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Tgt Ion:232 Resp: 282521

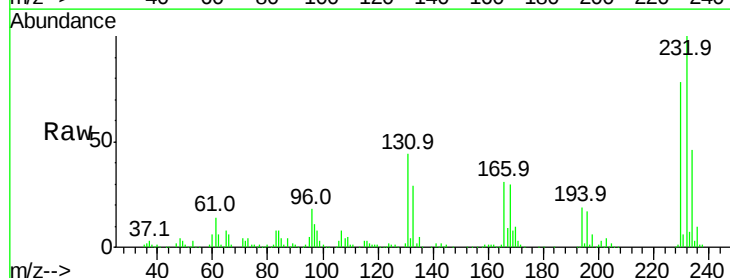
Ion Ratio Lower Upper

232 100

131 51.2 40.1 60.1

130 2.4 1.8 2.8

166 33.3 26.6 39.8

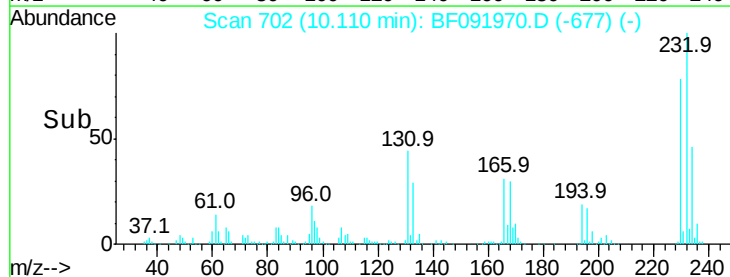
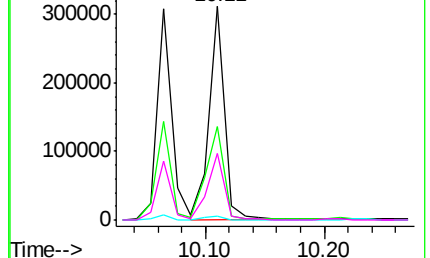


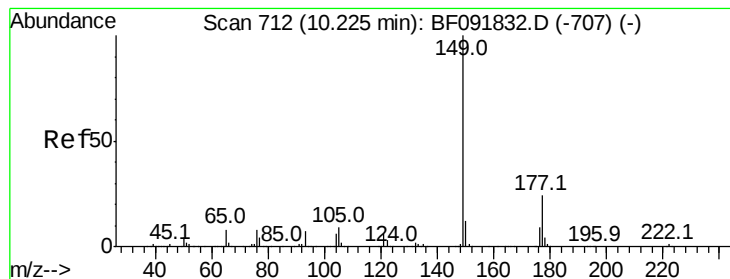
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.13 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampled :

PB95629BSD

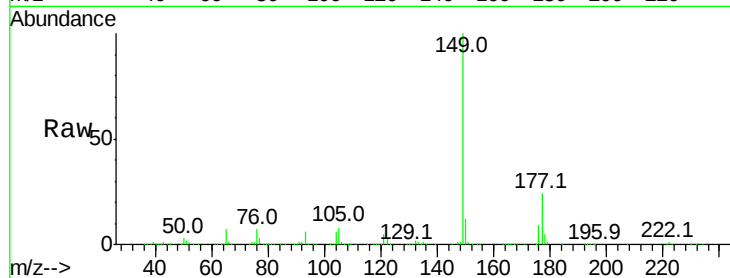
Tot Ion:149 Resp: 1209103

Ion Ratio Lower Upper

149 100

177 24.3 16.6 25.0

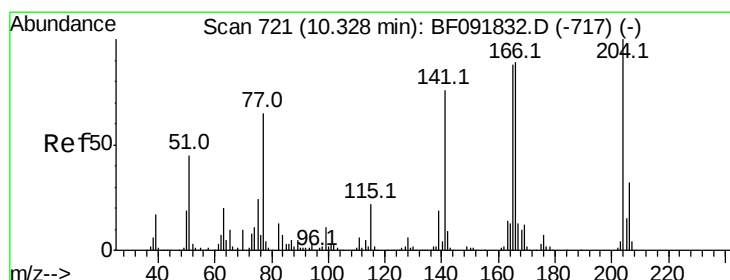
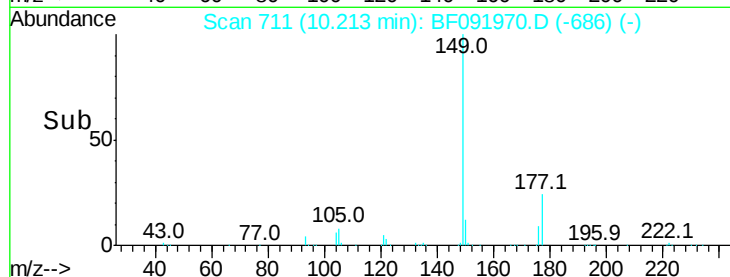
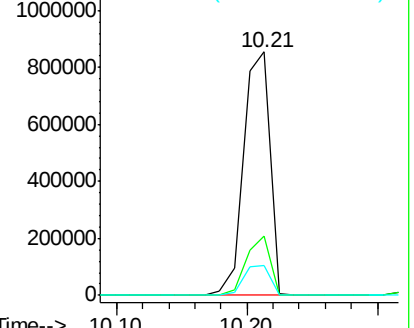
150 12.2 10.4 15.6



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: 42.99 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

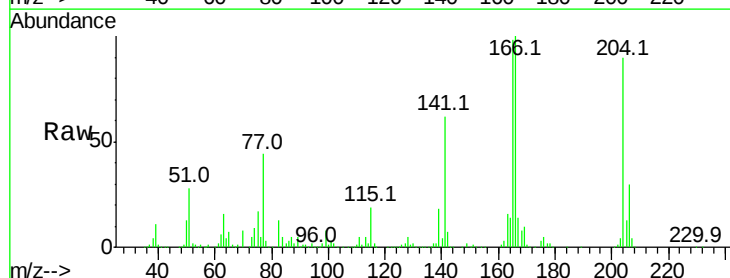
Tgt Ion:204 Resp: 483090

Ion Ratio Lower Upper

204 100

206 32.9 25.8 38.6

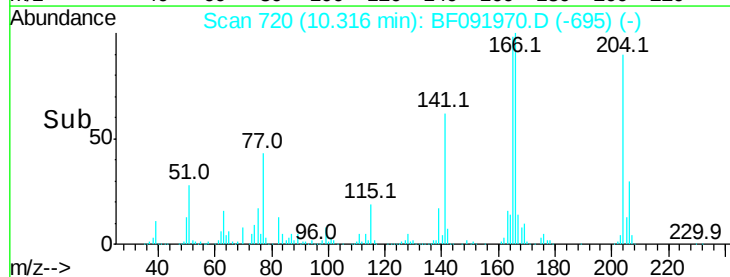
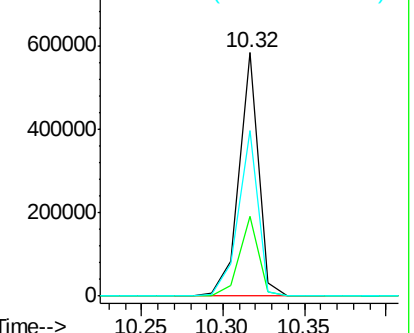
141 68.3 59.4 89.0

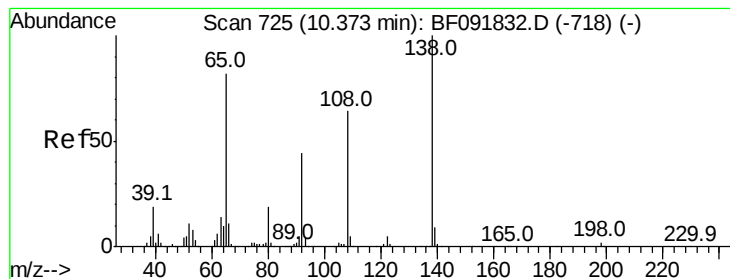


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.00 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

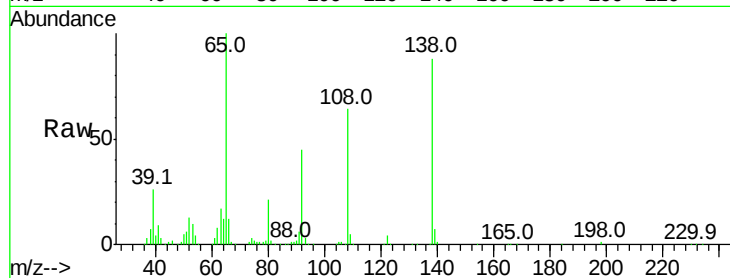
Tot Ion:138 Resp: 282008

Ion Ratio Lower Upper

138 100

92 51.4 31.7 71.7

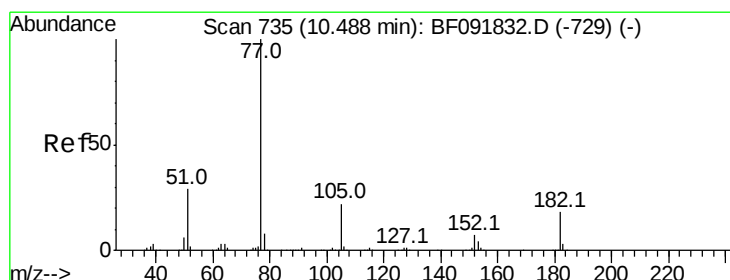
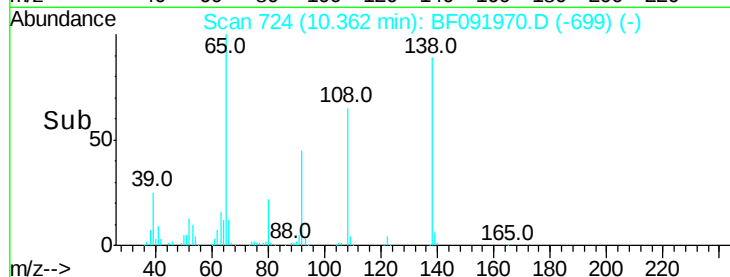
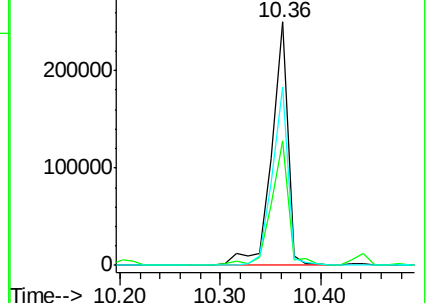
108 73.0 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.90 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Tgt Ion: 77 Resp: 1418864

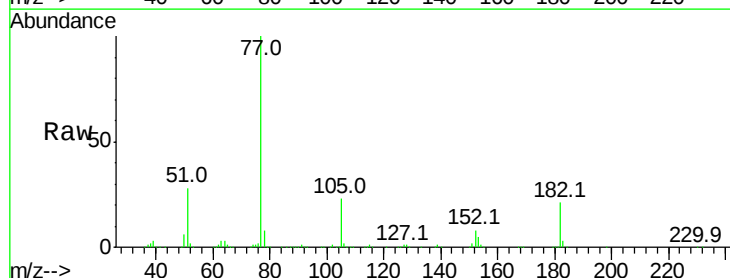
Ion Ratio Lower Upper

77 100

182 21.3 0.0 39.3

105 22.9 2.3 42.3

51 27.9 8.9 48.9

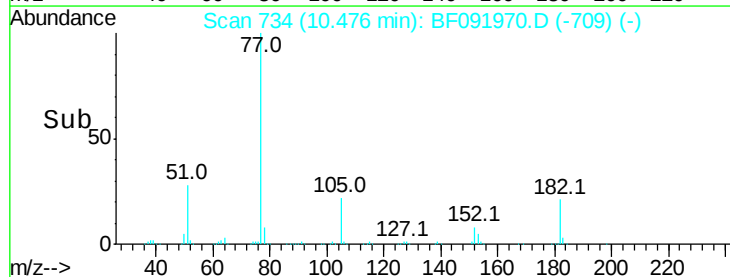
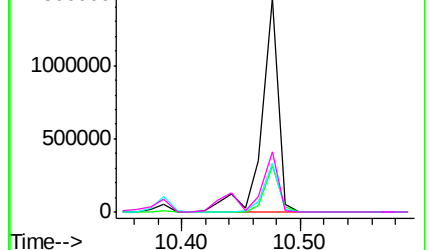


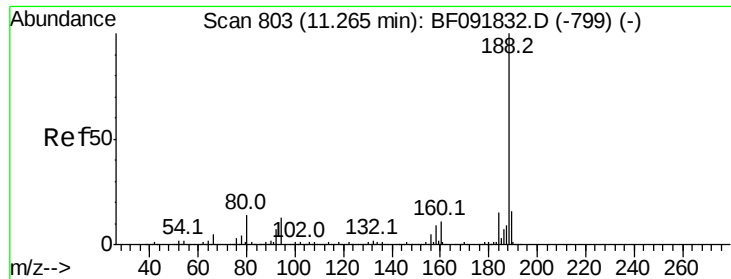
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

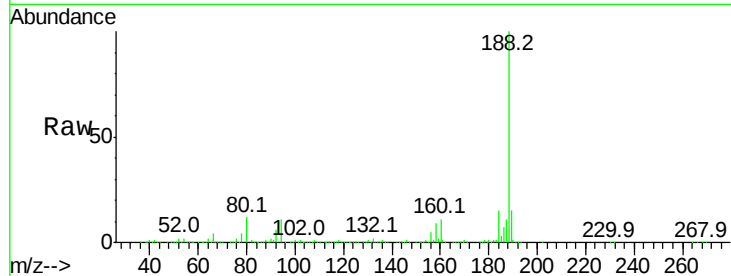




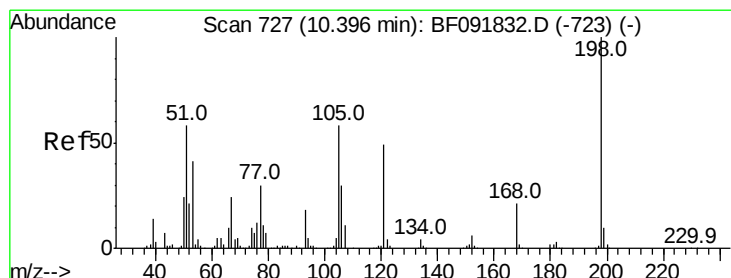
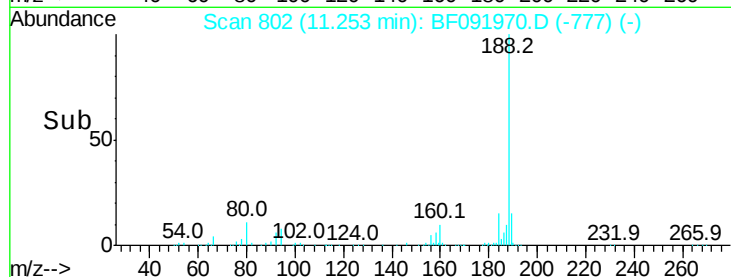
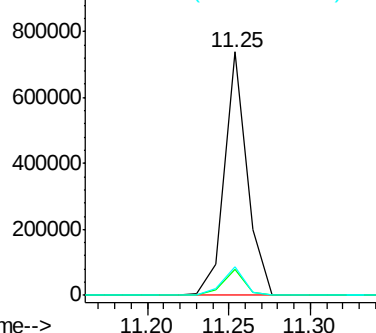
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
PB95629BSD

Tot Ion:188 Resp: 713701
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 11.8 11.2 16.8

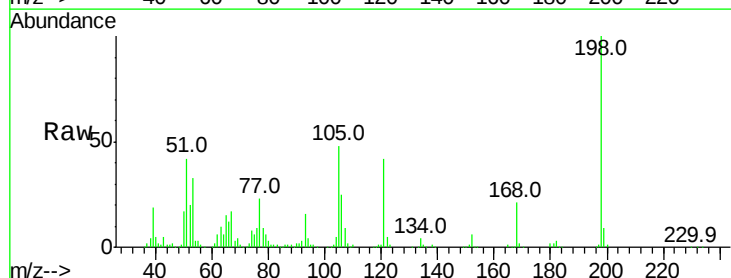


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

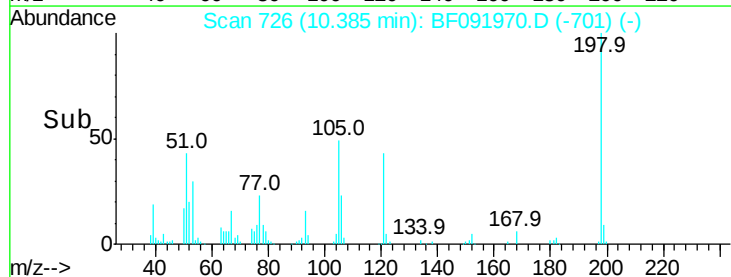
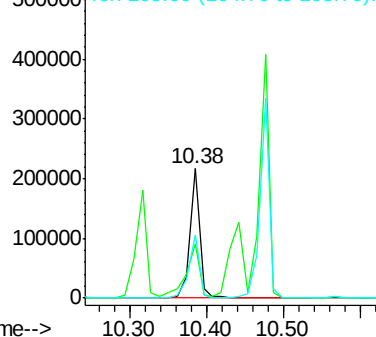


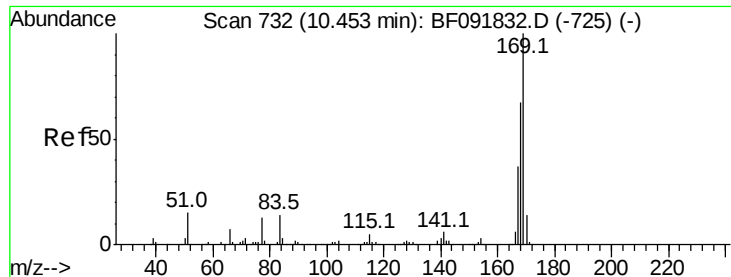
#64
4,6-Dinitro-2-methylphenol
Concen: 44.56 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

Tgt Ion:198 Resp: 192319
Ion Ratio Lower Upper
198 100
51 41.9 6.7 46.7
105 48.3 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: 47.59 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

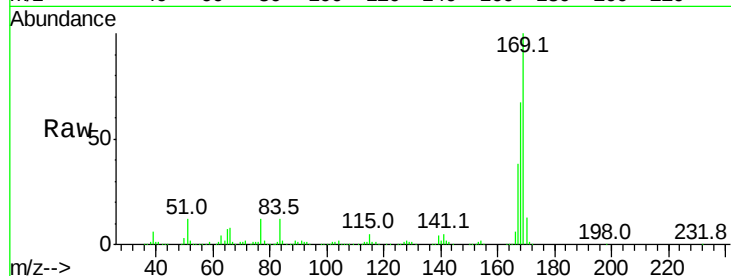
Tot Ion:169 Resp: 1007793

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

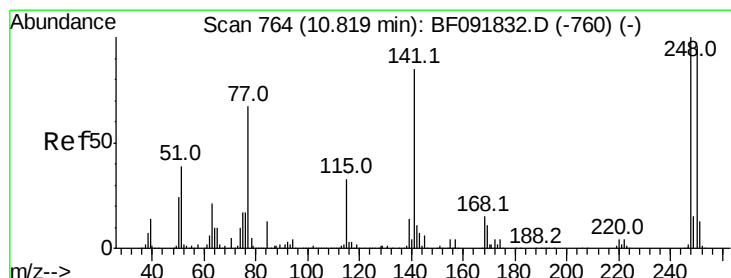
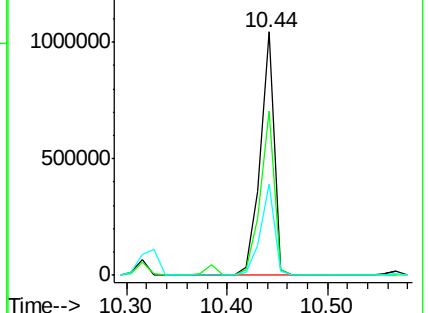
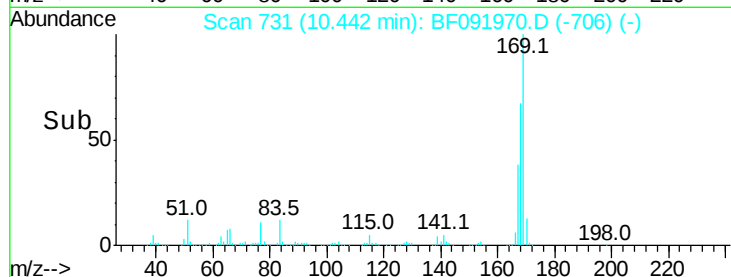
167 37.6 30.2 45.4



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: 46.45 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

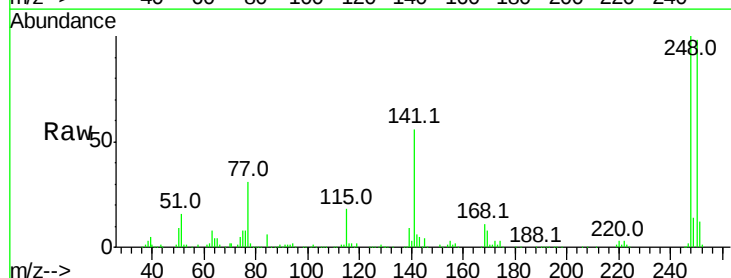
Tgt Ion:248 Resp: 344842

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

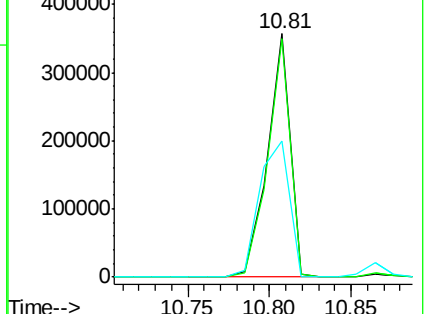
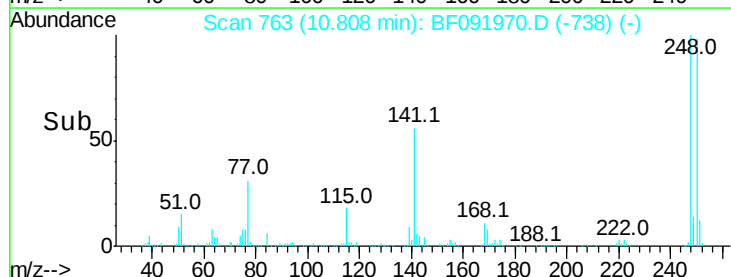
141 56.1 68.2 102.4#

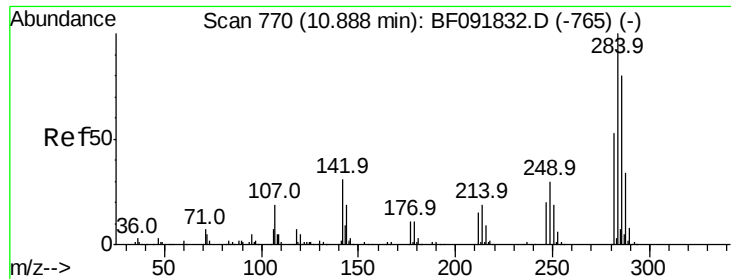


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.91 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

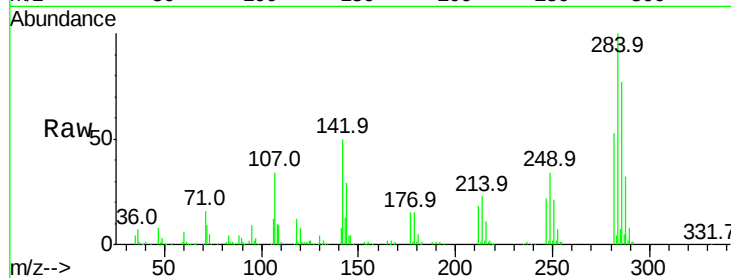
Tot Ion:284 Resp: 324635

Ion Ratio Lower Upper

284 100

142 49.8 22.6 33.8#

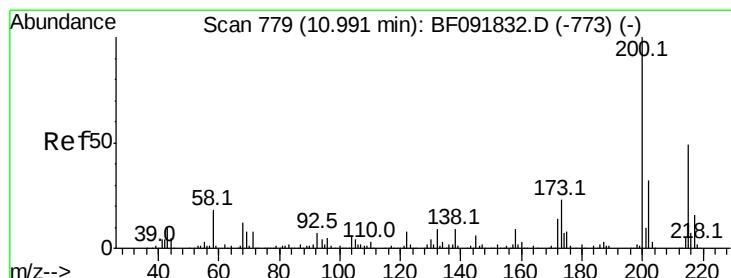
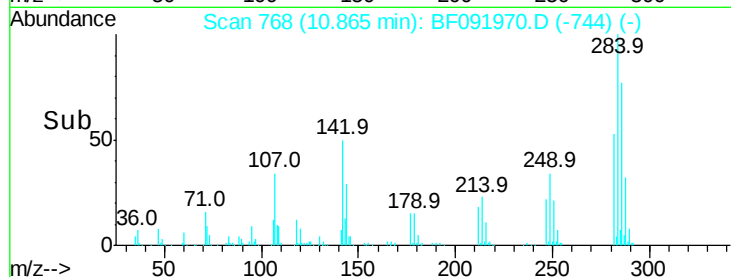
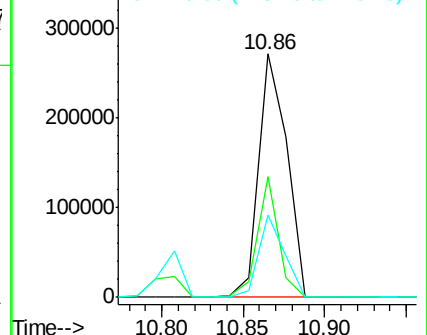
249 33.6 25.4 38.0



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: 43.92 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

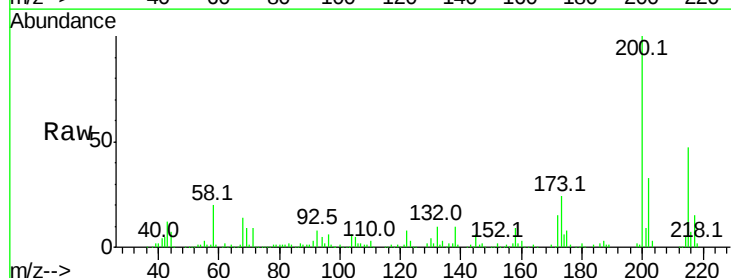
Tgt Ion:200 Resp: 300005

Ion Ratio Lower Upper

200 100

173 23.6 9.6 49.6

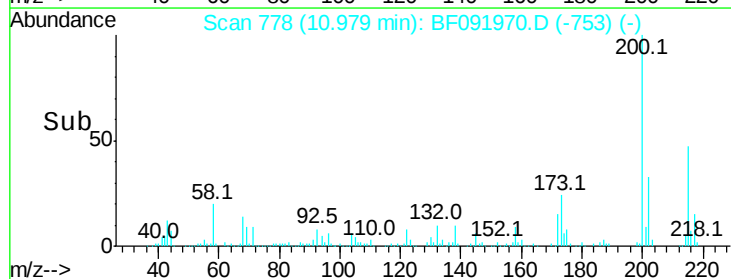
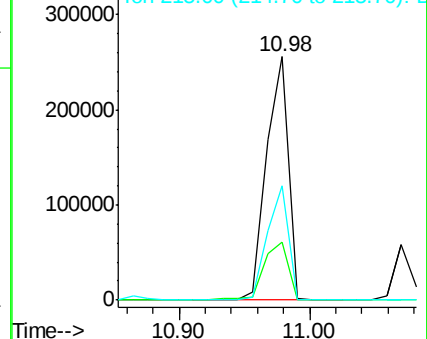
215 46.8 25.7 65.7



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

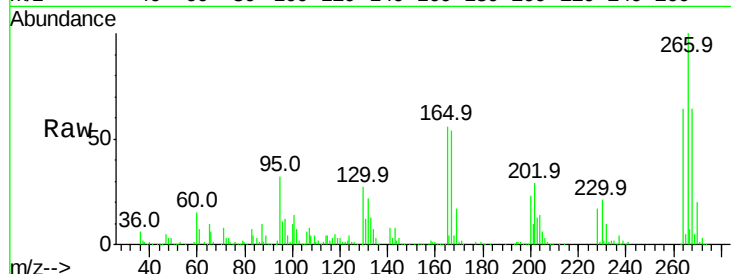




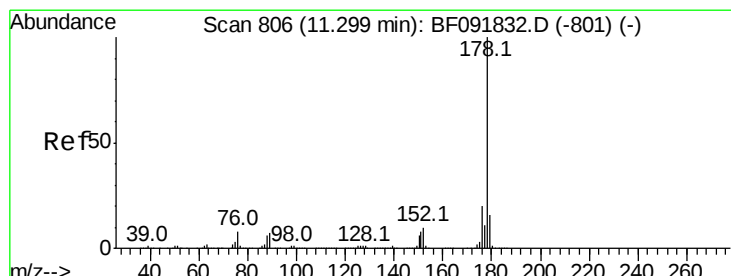
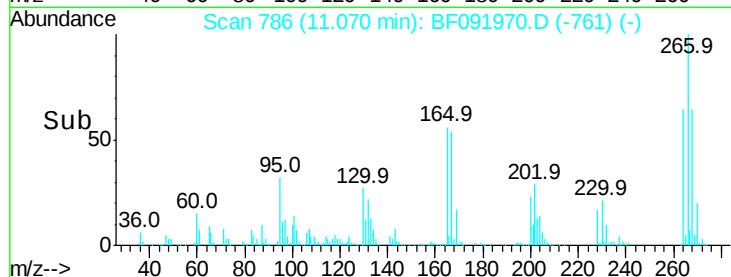
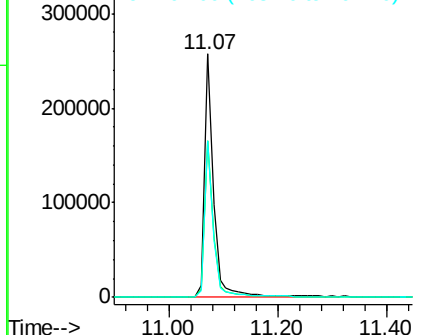
#69
 Pentachlorophenol
 Concen: 76.98 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB95629BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	53.3	79.9
264	64.3	50.3	75.5

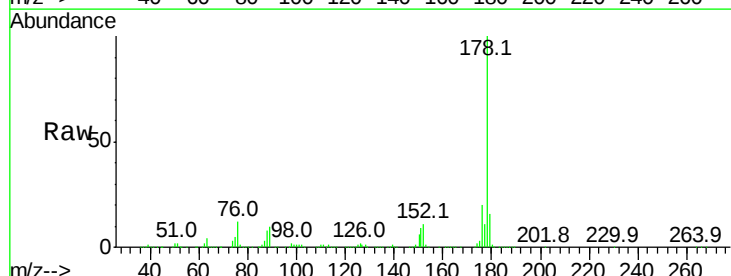


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

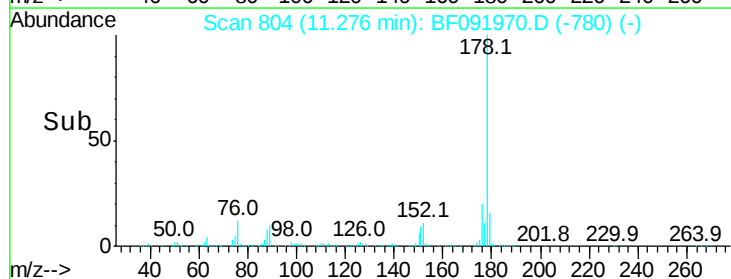
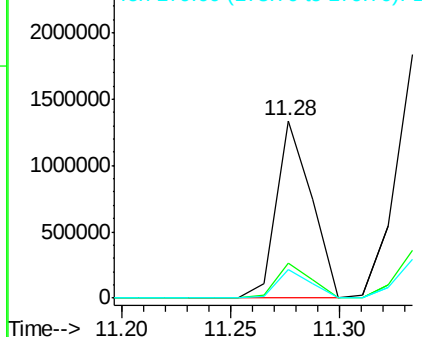


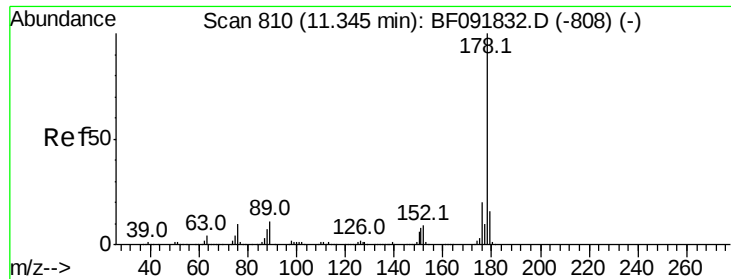
#70
 Phenanthrene
 Concen: 39.10 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	16.3	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: 52.34 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

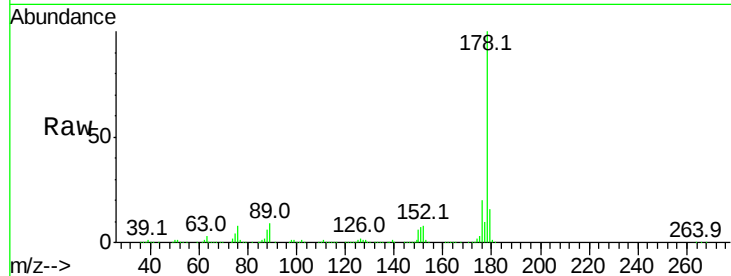
Tot Ion:178 Resp: 1696167

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

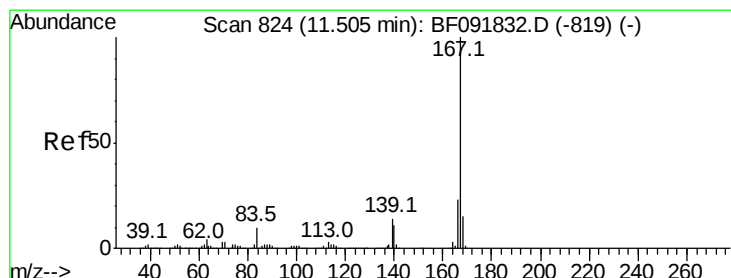
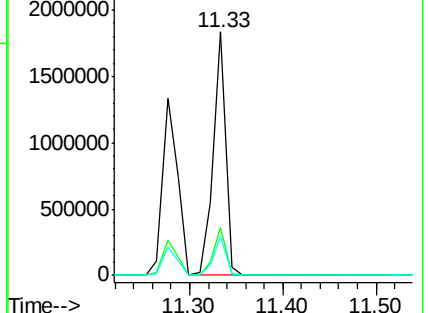
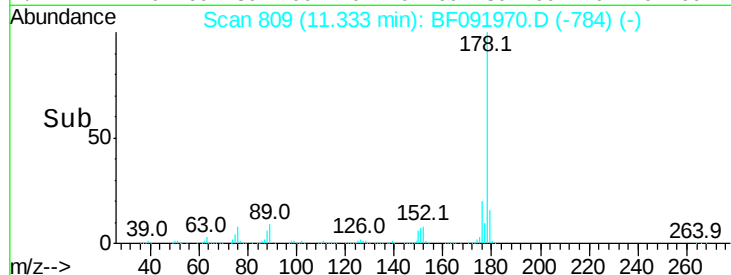
179 16.1 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

2500000 Ion 176.00 (175.70 to 176.70): E

2000000 Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.66 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

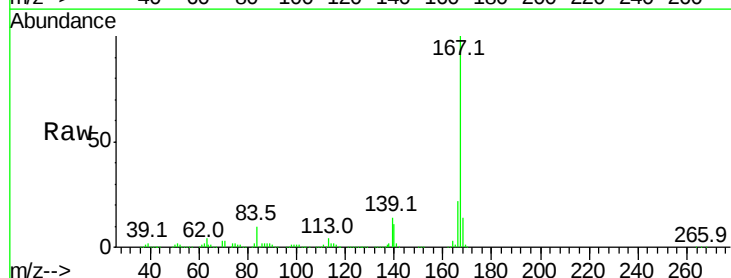
Tgt Ion:167 Resp: 1351530

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

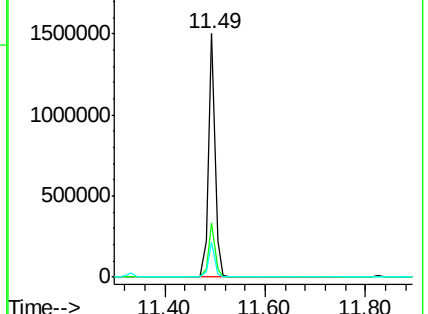
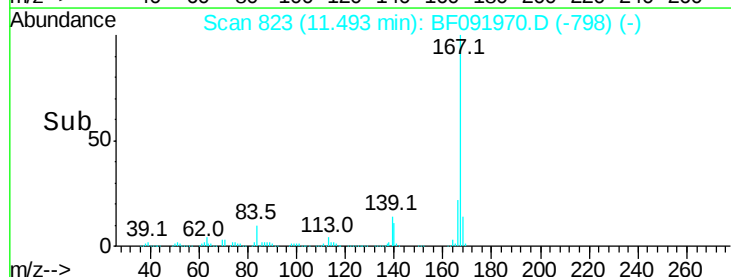
139 14.3 11.4 17.2

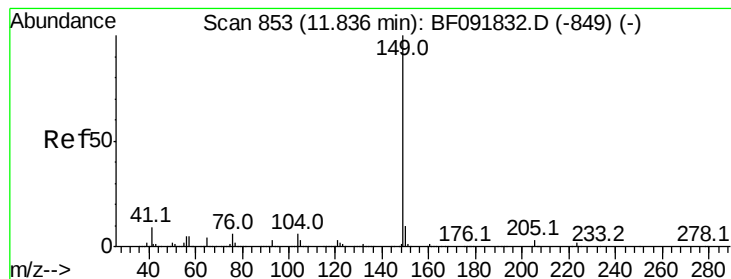


Abundance Ion 167.00 (166.70 to 167.70): E

2000000 Ion 166.00 (165.70 to 166.70): E

1500000 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.11 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

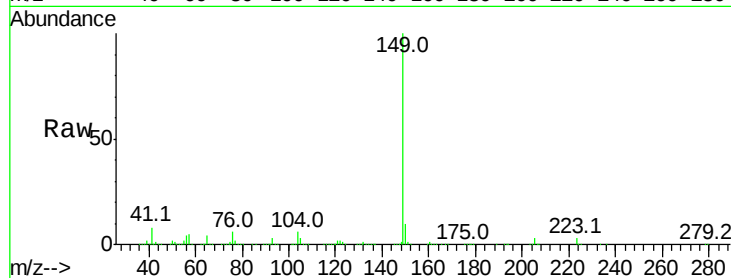
Tot Ion:149 Resp: 1687087

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

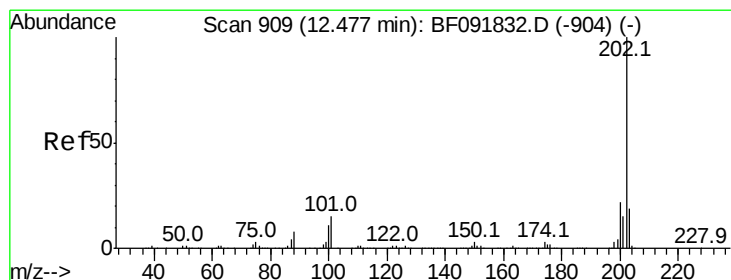
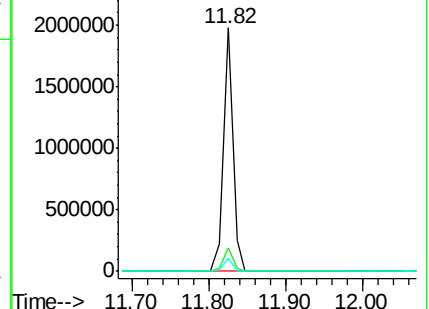
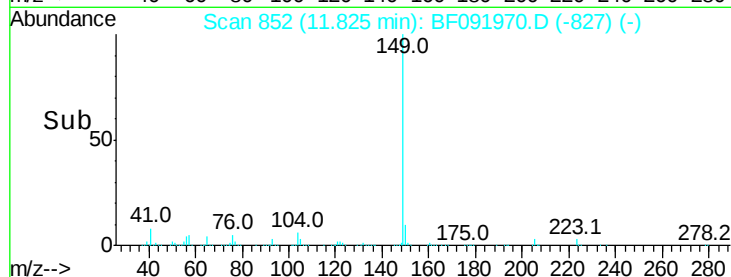
104 5.6 4.6 7.0



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: 46.50 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

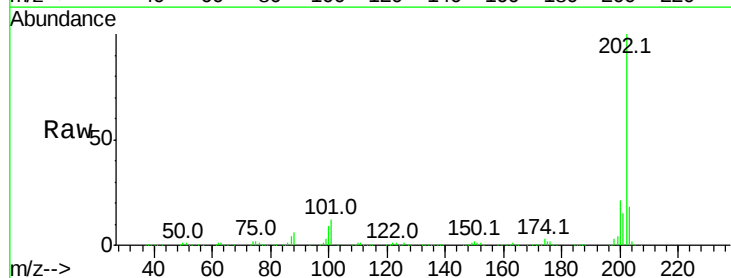
Tgt Ion:202 Resp: 1574474

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.6

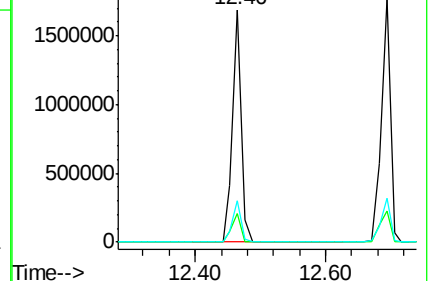
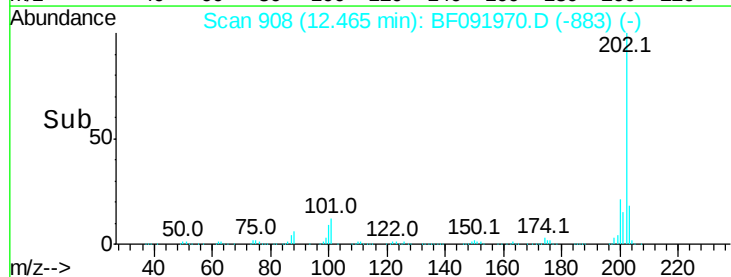
203 18.1 0.0 38.7

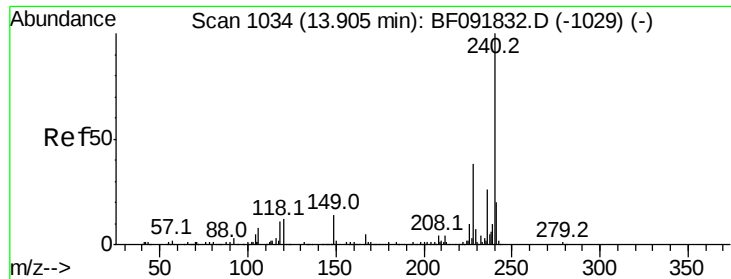


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

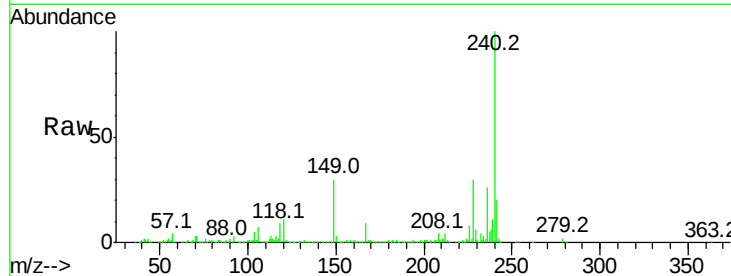
Tot Ion:240 Resp: 520888

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

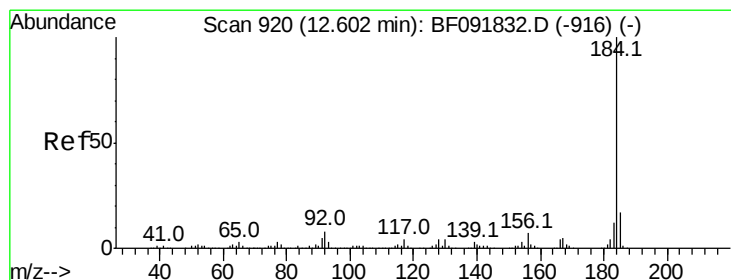
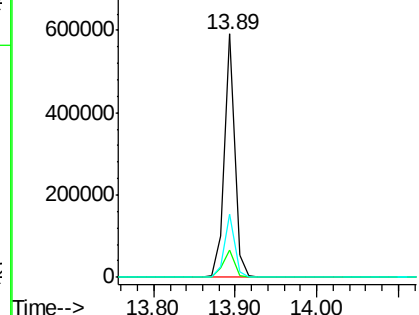
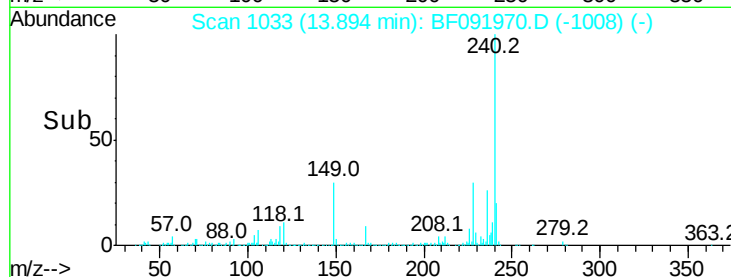
236 26.1 20.9 31.3



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: 48.20 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

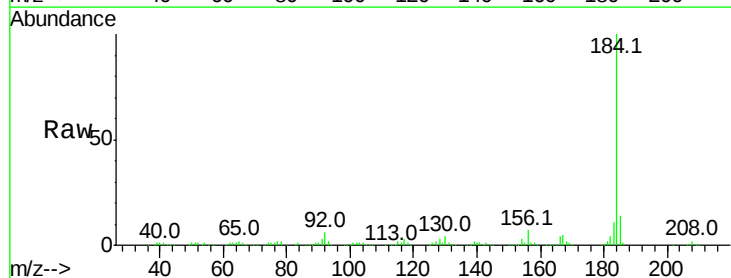
Tgt Ion:184 Resp: 628732

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

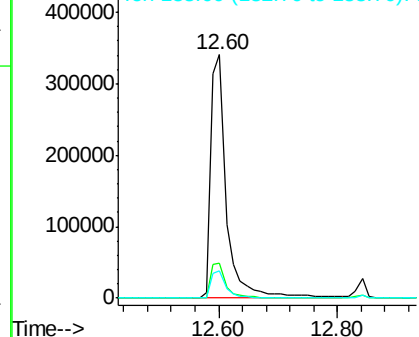
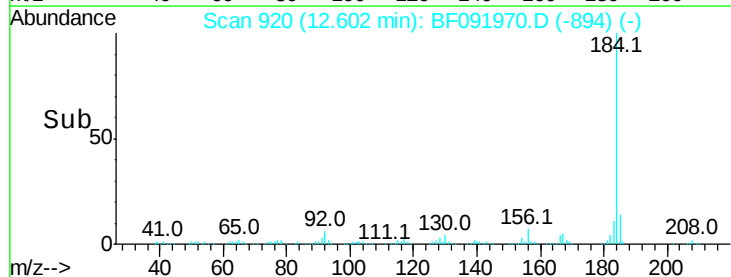
183 11.3 9.2 13.8



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

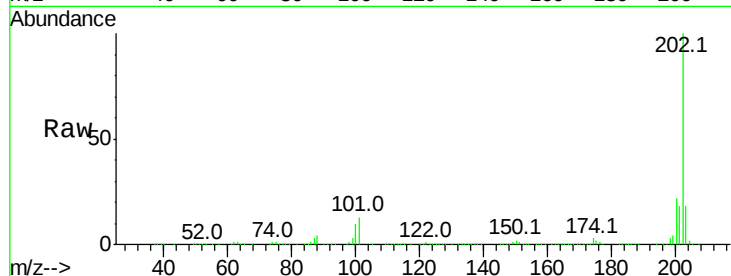




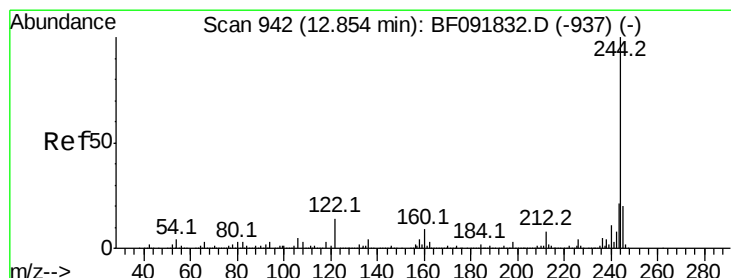
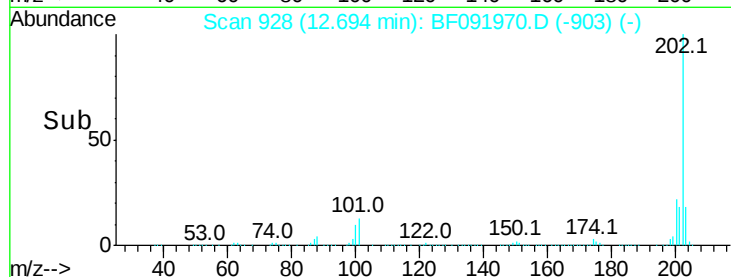
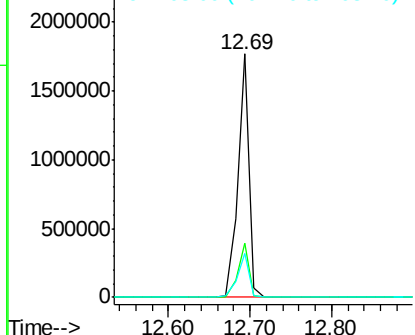
#77
Pvrene
Concen: 43.70 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
PB95629BSD

Tot Ion:202 Resp: 1670154
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 18.2 14.7 22.1

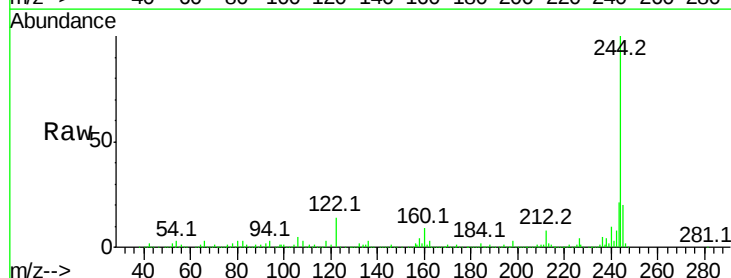


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

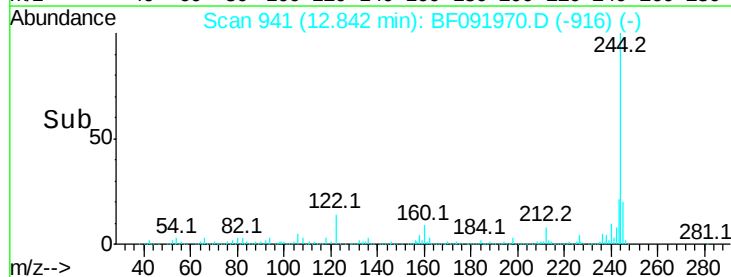
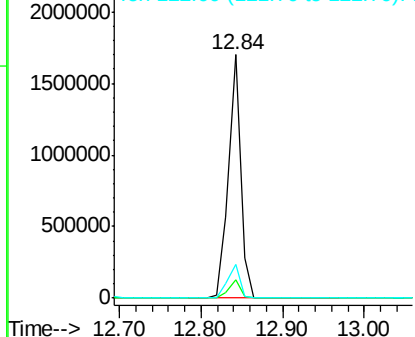


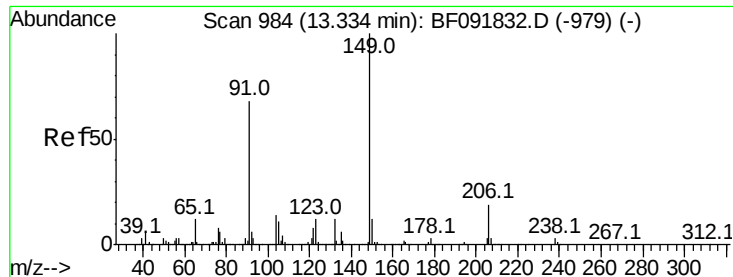
#78
Terphenyl-d14
Concen: 82.55 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

Tgt Ion:244 Resp: 1772910
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 13.7 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

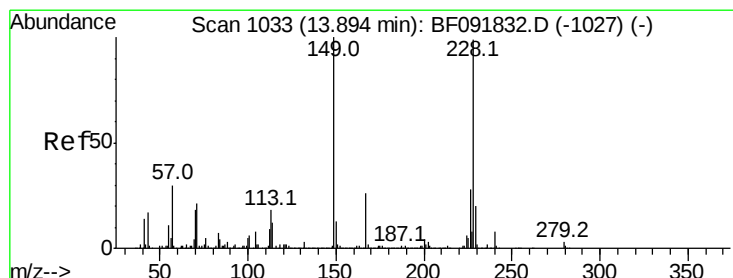
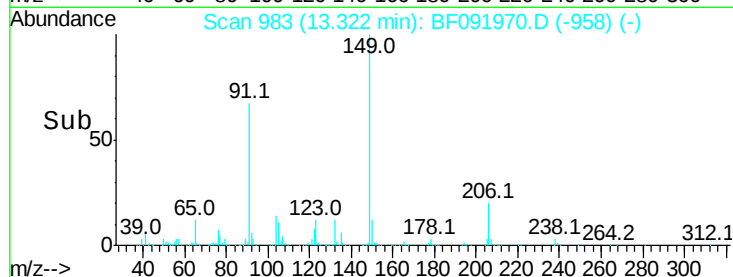
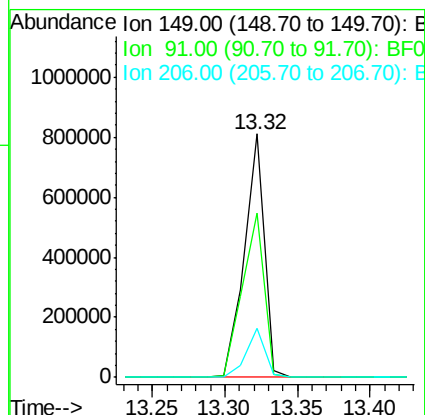
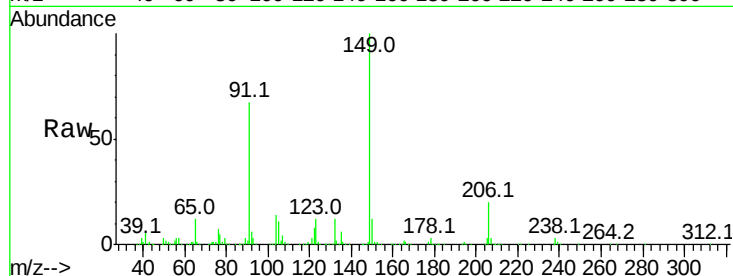




#79
Butylbenzylphthalate
Concen: 44.65 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

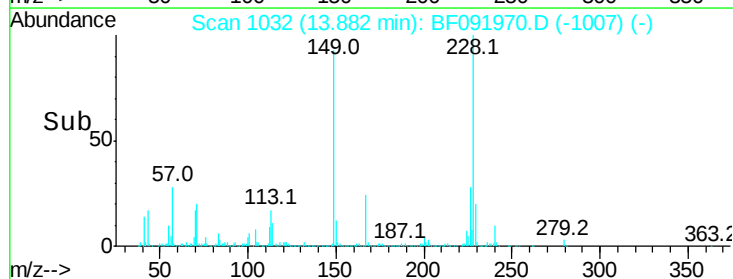
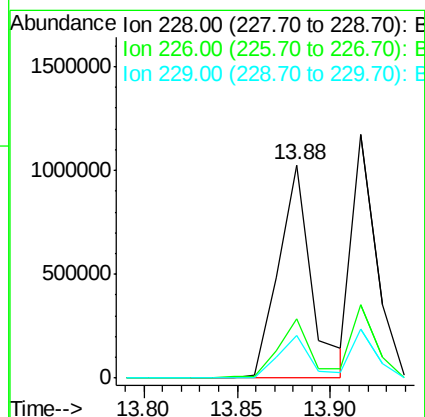
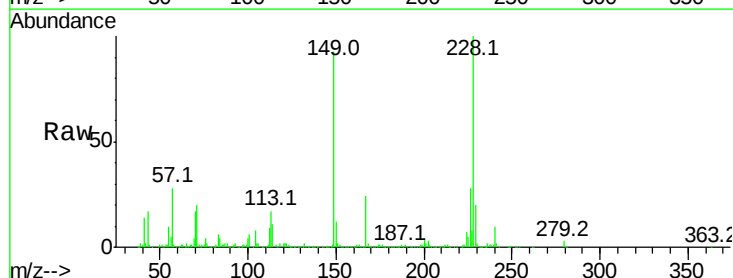
Instrument :
BNA_F
ClientSampleId :
PB95629BSD

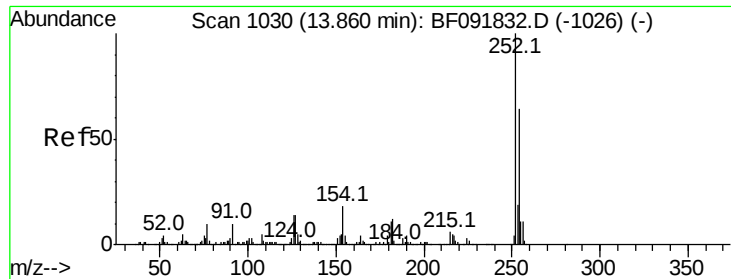
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.4	63.9	95.9
206	19.9	14.6	21.8



#80
Benzo(a)anthracene
Concen: 43.12 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.3	16.2	24.4





#81

3,3'-Dichlorobenzidine

Concen: 33.50 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

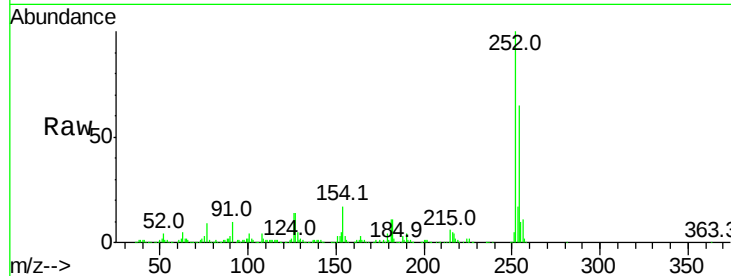
Tot Ion:252 Resp: 373520

Ion Ratio Lower Upper

252 100

254 64.6 52.3 78.5

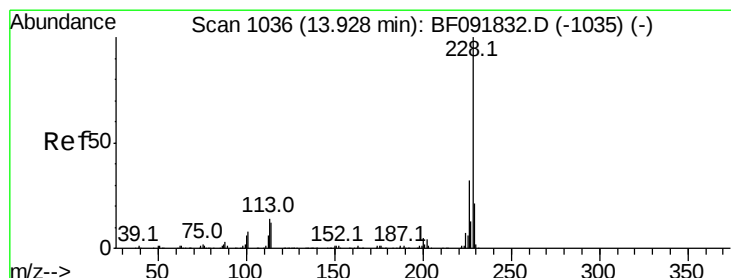
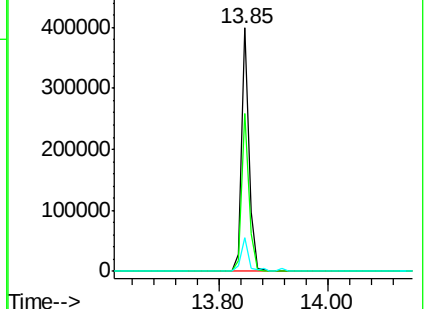
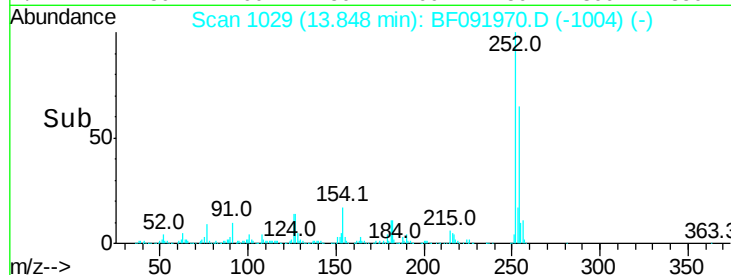
126 13.7 13.6 20.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 36.40 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

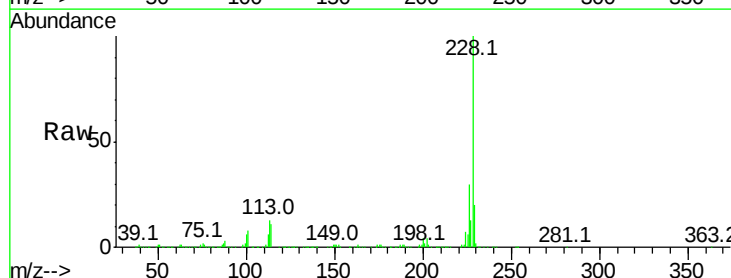
Tgt Ion:228 Resp: 1073674

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.0

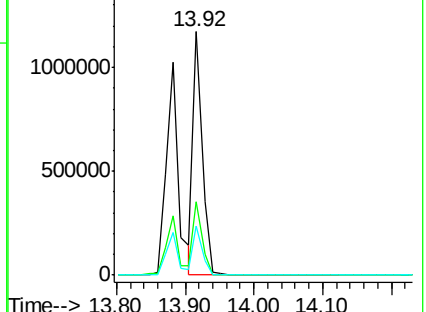
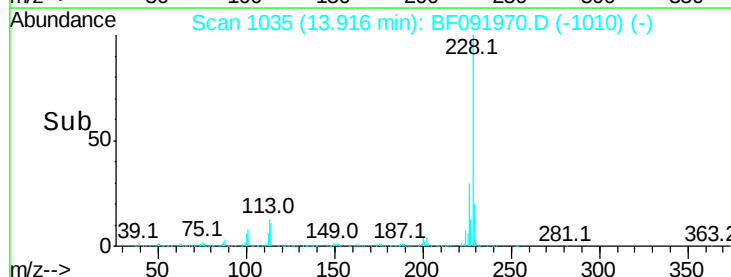
229 20.2 16.2 24.2

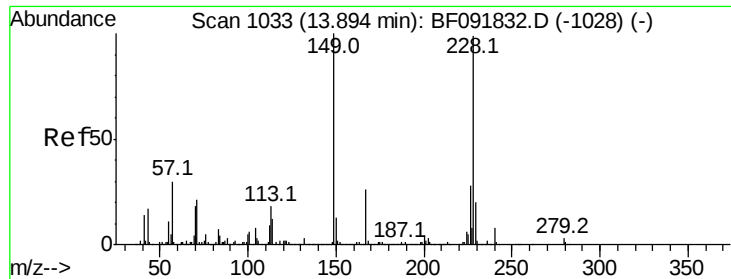


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

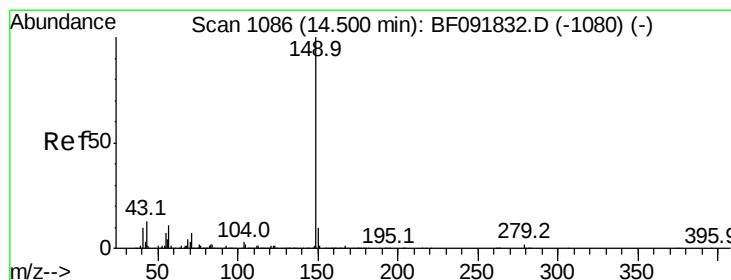
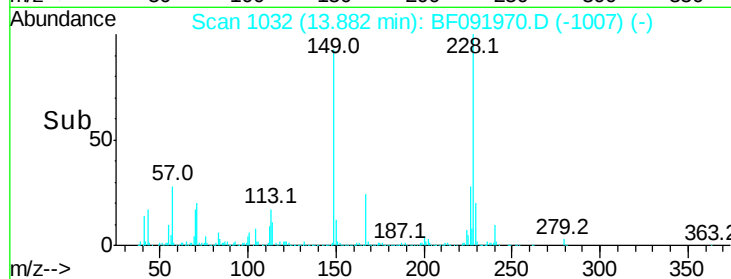
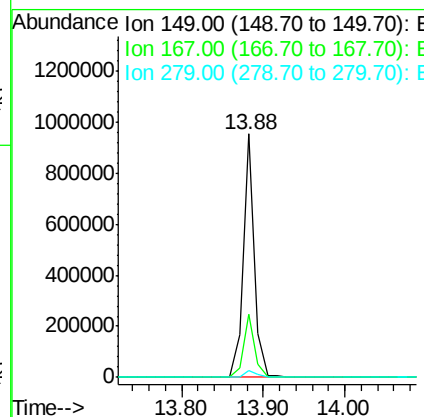
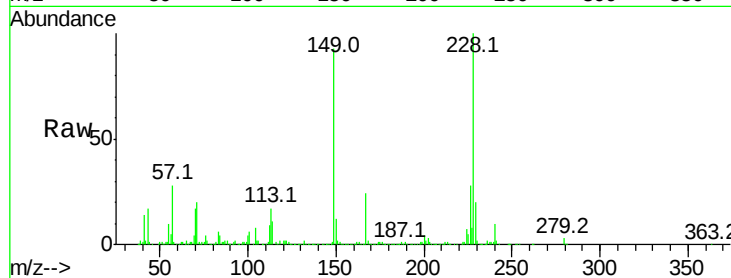




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.97 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

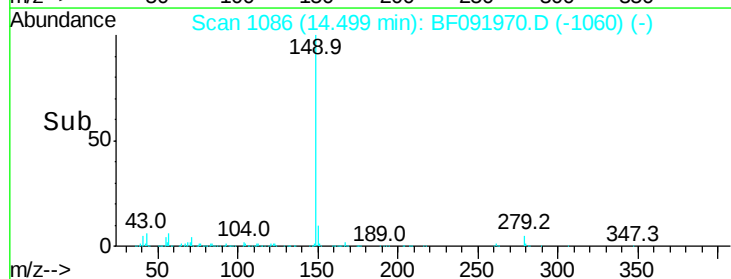
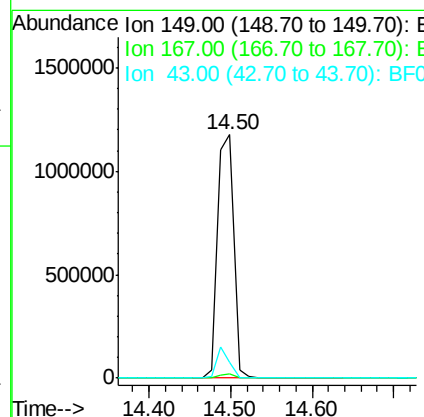
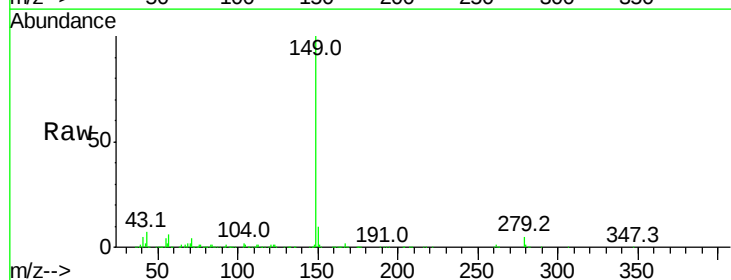
Instrument :
 BNA_F
 ClientSampleId :
 PB95629BSD

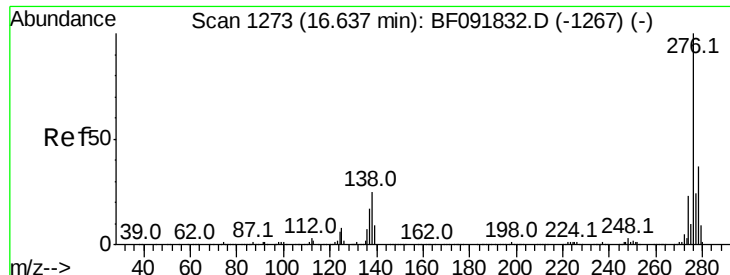
Tot Ion:149 Resp: 900095
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.2 30.4
 279 2.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 42.93 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

Tgt Ion:149 Resp: 1627700
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.3 8.9 13.3

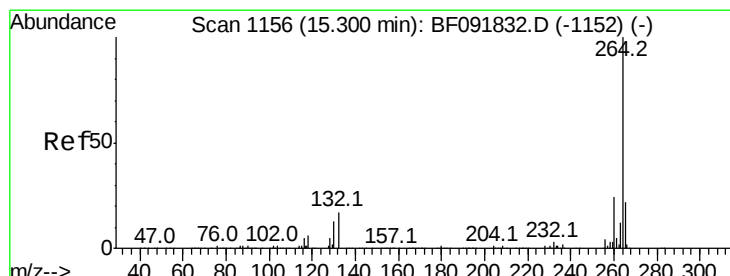
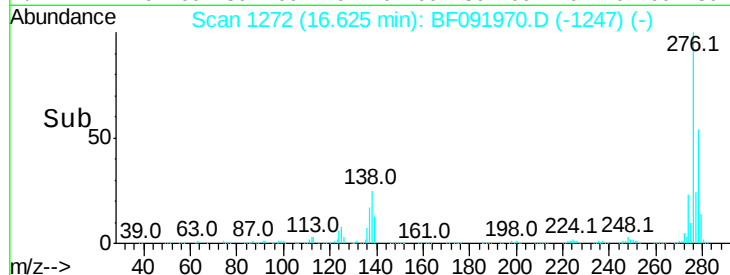
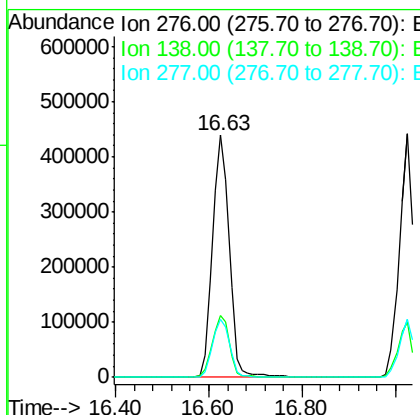
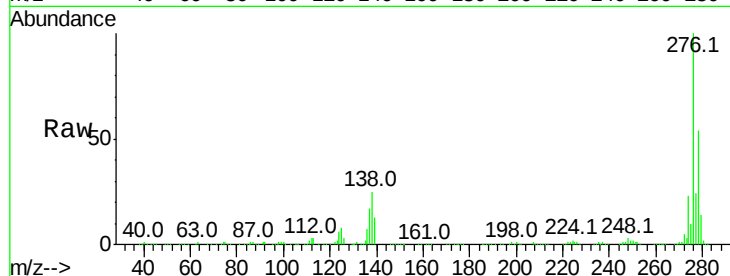




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.35 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

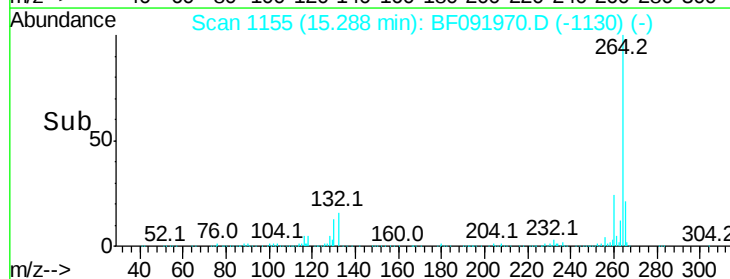
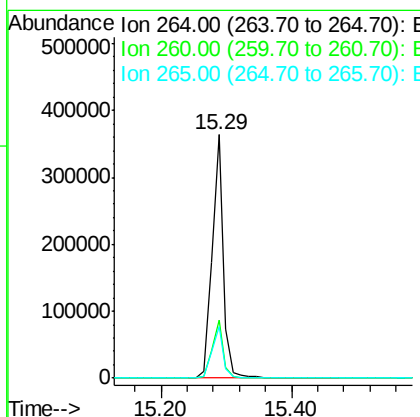
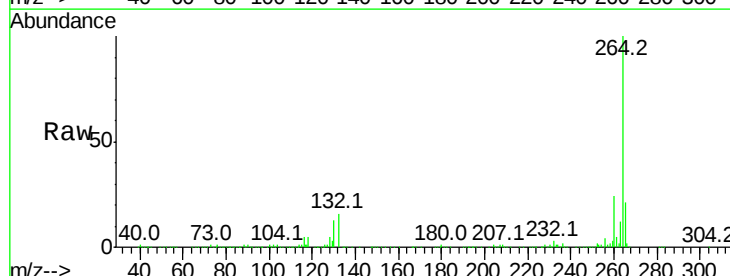
Instrument :
 BNA_F
 ClientSampleId :
 PB95629BSD

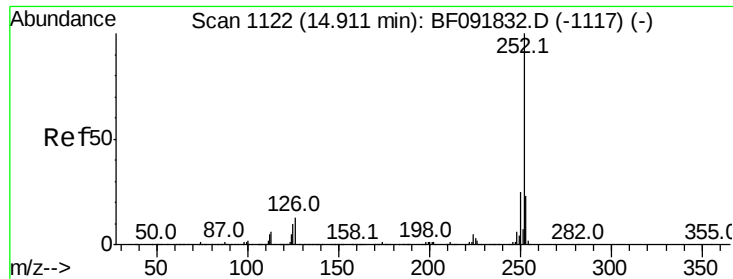
Tot Ion:276 Resp: 1107548
 Ion Ratio Lower Upper
 276 100
 138 26.3 21.8 32.6
 277 24.6 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091970.D
 Acq: 27 Dec 2016 16:23

Tgt Ion:264 Resp: 438567
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 43.75 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

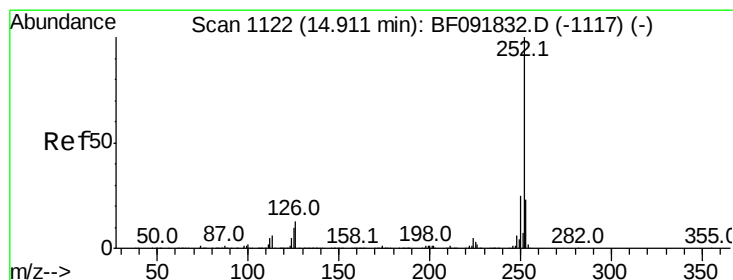
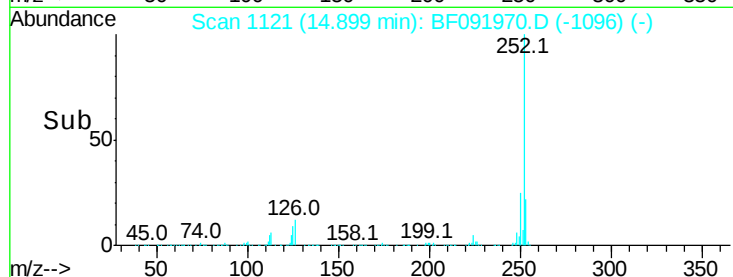
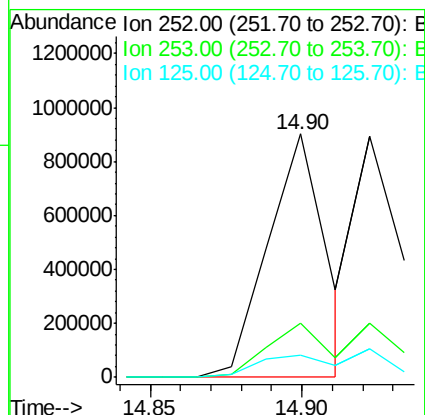
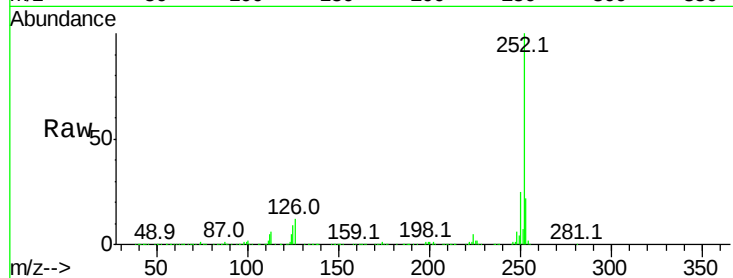
Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
PB95629BSD

Tot Ion:252 Resp: 1194549

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	9.3	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 40.68 ng m

RT: 14.92 min Scan# 1123

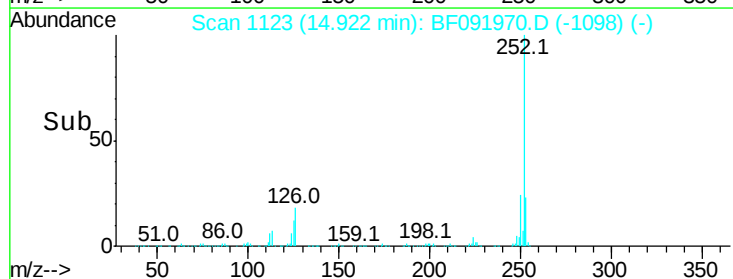
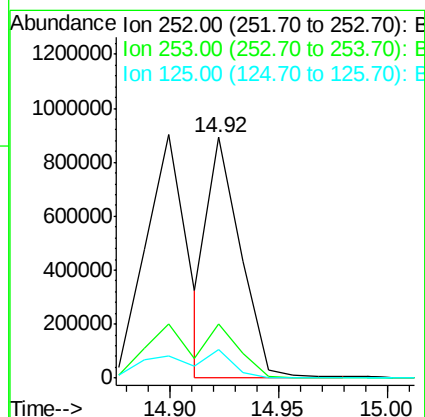
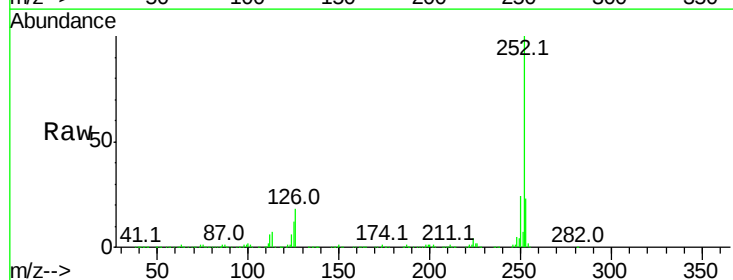
Delta R.T. -0.01 min

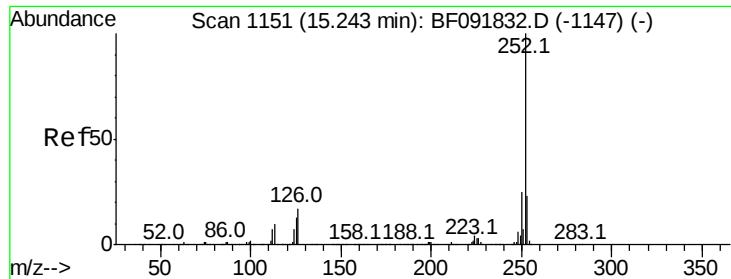
Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Tgt Ion:252 Resp: 947222

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	12.1	8.9	13.3

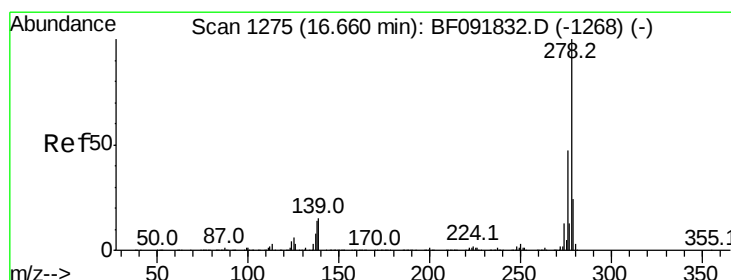
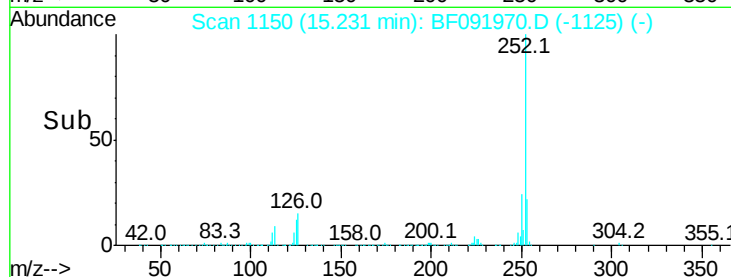
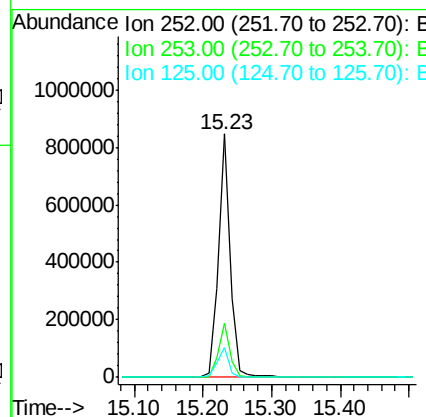
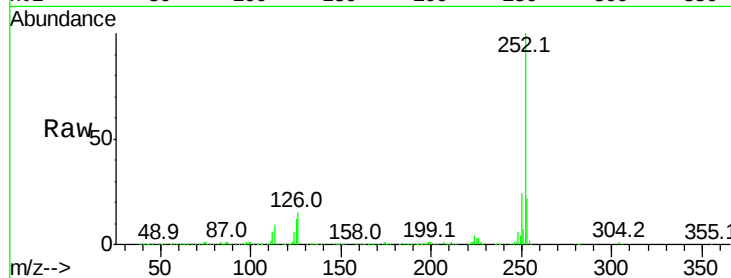




#89
Benzo(a)pyrene
Concen: 42.45 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

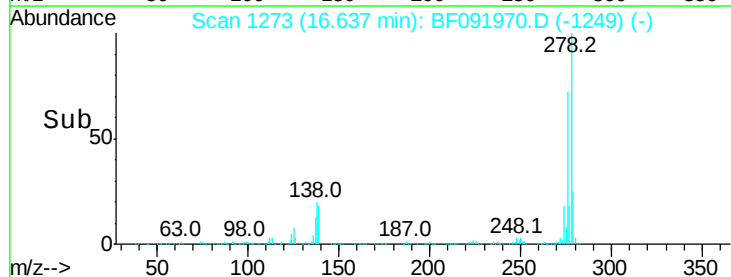
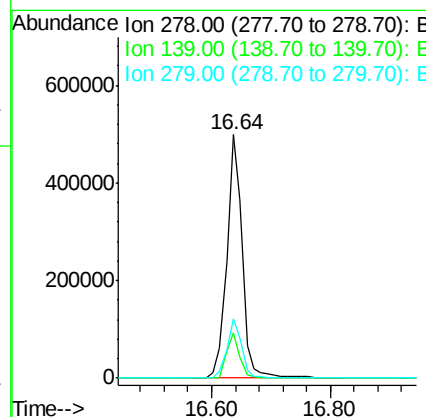
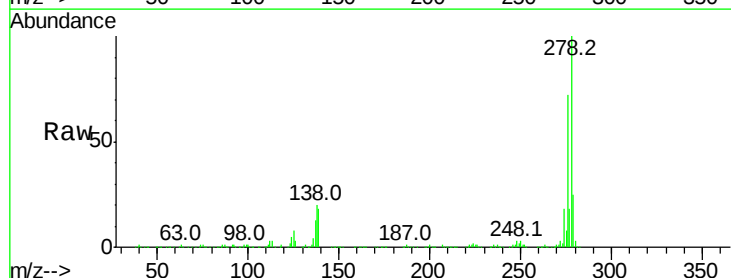
Instrument :
BNA_F
ClientSampleId :
PB95629BSD

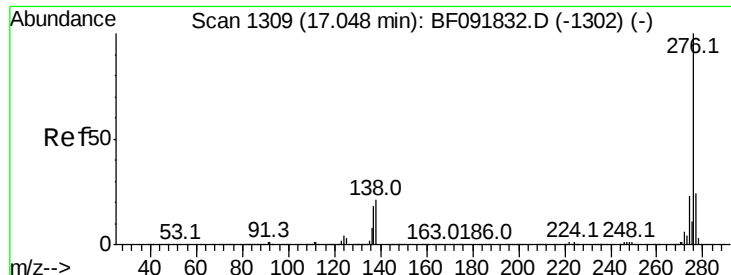
Tot Ion:252 Resp: 1028641
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 12.1 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 45.20 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF091970.D
Acq: 27 Dec 2016 16:23

Tgt Ion:278 Resp: 900419
Ion Ratio Lower Upper
278 100
139 18.5 14.8 22.2
279 24.5 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 44.98 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF091970.D

Acq: 27 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

PB95629BSD

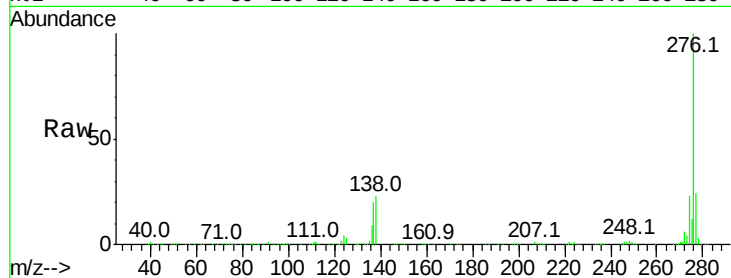
Tot Ion: 276 Resp: 931701

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 23.0 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

