

Data Path : Z:\HPCHEM1\BNA F\Data\BF113016\
 Data File : BF091341.D
 Acq On : 30 Nov 2016 9:09
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 30 16:20:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	164704	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	622020	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	336336	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	565578	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	341420	20.00	ng	-0.03
86) Perylene-d12	15.44	264	315397	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	731031	72.51	ng	-0.02
7) Phenol-d6	6.49	99	921966	74.29	ng	0.00
23) Nitrobenzene-d5	7.43	82	872891	78.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	234615	73.68	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1514212	81.52	ng	-0.02
78) Terphenyl-d14	12.97	244	1400726	89.17	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	171110	37.52	ng	# 86
3) Pyridine	3.18	79	476187	36.89	ng	86
4) n-Nitrosodimethylamine	3.13	42	264793	39.10	ng	92
6) Aniline	6.53	93	638247	38.71	ng	# 70
8) 2-Chlorophenol	6.65	128	414171	37.47	ng	97
9) Benzaldehyde	6.63	77	20341	2.55	ng	86
10) Phenol	6.50	94	554875	38.00	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	385158	36.91	ng	91
12) 1,3-Dichlorobenzene	7.04	146	449217	36.53	ng	96
13) 1,4-Dichlorobenzene	6.88	146	458850	37.51	ng	97
14) 1,2-Dichlorobenzene	7.04	146	449139	39.42	ng	94
15) Benzyl Alcohol	7.01	79	384645	38.73	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	853848	38.06	ng	71
17) 2-Methylphenol	7.12	107	348367	39.87	ng	# 77
18) Hexachloroethane	7.38	117	173090	39.86	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	276551	35.37	ng	# 97
20) 3+4-Methylphenols	7.27	107	372848	34.95	ng	# 76
22) Acetophenone	7.28	105	597888	40.55	ng	98
24) Nitrobenzene	7.45	77	464386	40.87	ng	# 75
25) Isophorone	7.69	82	781913	39.76	ng	97
26) 2-Nitrophenol	7.76	139	189917	36.67	ng	96
27) 2,4-Dimethylphenol	7.81	122	398348	41.12	ng	93
28) bis(2-Chloroethoxy)methane	7.90	93	420751	35.55	ng	99
29) 2,4-Dichlorophenol	8.00	162	311434	36.54	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	397230	41.58	ng	98
31) Naphthalene	8.17	128	1156214	39.11	ng	100
32) Benzoic acid	7.91	122	264713	37.07	ng	94
33) 4-Chloroaniline	8.22	127	483405	38.25	ng	96
34) Hexachlorobutadiene	8.30	225	240095	40.87	ng	98
35) Caprolactam	8.58	113	88006	35.93	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	358808	39.00	ng	96
37) 2-Methylnaphthalene	8.86	142	760973	37.89	ng	92
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	369368	38.96	ng	99
40) Hexachlorocyclopentadiene	9.02	237	178574	40.63	ng	98

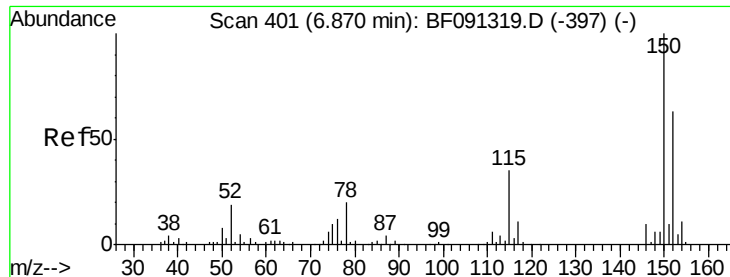
Data Path : Z:\HPCHEM1\BNA F\Data\BF113016\
 Data File : BF091341.D
 Acq On : 30 Nov 2016 9:09
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 30 16:20:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	248598	40.34	nq	96
43) 2,4,5-Trichlorophenol	9.18	196	261742	42.38	nq	95
45) 1,1'-Biphenyl	9.33	154	896014	37.05	nq	97
46) 2-Chloronaphthalene	9.35	162	678636	37.68	nq	98
47) 2-Nitroaniline	9.44	65	242080	37.42	nq	# 74
48) Acenaphthylene	9.76	152	1071558	37.79	nq	98
49) Dimethylphthalate	9.64	163	806703	39.61	nq	99
50) 2,6-Dinitrotoluene	9.69	165	183239	40.26	nq	# 54
51) Acenaphthene	9.94	154	758423	39.66	nq	96
52) 3-Nitroaniline	9.85	138	191600	36.37	nq	89
53) 2,4-Dinitrophenol	9.96	184	84085	42.24	nq	95
54) Dibenzofuran	10.10	168	992933	38.78	nq	99
55) 4-Nitrophenol	10.00	139	126693	33.29	nq	92
56) 2,4-Dinitrotoluene	10.08	165	231002	39.12	nq	# 54
57) Fluorene	10.45	166	728033	37.03	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	208464	39.53	nq	95
59) Diethylphthalate	10.33	149	811944	40.39	nq	# 93
60) 4-Chlorophenyl-phenylether	10.45	204	373332	37.86	nq	92
61) 4-Nitroaniline	10.46	138	172599	34.89	nq	84
62) Azobenzene	10.61	77	883056	43.05	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	125702	40.34	nq	# 66
65) n-Nitrosodiphenylamine	10.56	169	644430	37.58	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	255329	42.00	nq	# 76
67) Hexachlorobenzene	11.00	284	242089	36.85	nq	# 78
68) Atrazine	11.09	200	183956	33.12	nq	98
69) Pentachlorophenol	11.19	266	161436	41.74	nq	96
70) Phenanthrene	11.41	178	1057279	35.98	nq	99
71) Anthracene	11.46	178	1193303	40.91	nq	99
72) Carbazole	11.61	167	986284	37.26	nq	98
73) Di-n-butylphthalate	11.96	149	1209670	40.33	nq	99
74) Fluoranthene	12.60	202	1148539	41.26	nq	99
76) Benzidine	12.71	184	359114	35.83	nq	99
77) Pyrene	12.82	202	1147806	44.30	nq	99
79) Butylbenzylphthalate	13.44	149	390520	40.25	nq	91
80) Benzo(a)anthracene	14.00	228	770048	38.57	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	266698	37.92	nq	# 98
82) Chrysene	14.04	228	742034	37.56	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	515637	41.93	nq	# 92
84) Di-n-octyl phthalate	14.62	149	789015	42.40	nq	97
85) Indeno(1,2,3-cd)pyrene	16.85	276	853664	47.18	nq	96
87) Benzo(b)fluoranthene	15.07	252	1405149	71.68	nq	# 95
88) Benzo(k)fluoranthene	15.07	252	1405149	85.24	nq	# 94
89) Benzo(a)pyrene	15.39	252	677791	38.50	nq	# 95
90) Dibenzo(a,h)anthracene	16.87	278	735577	45.17	nq	# 93
91) Benzo(g,h,i)perylene	17.27	276	766859	45.68	nq	100

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

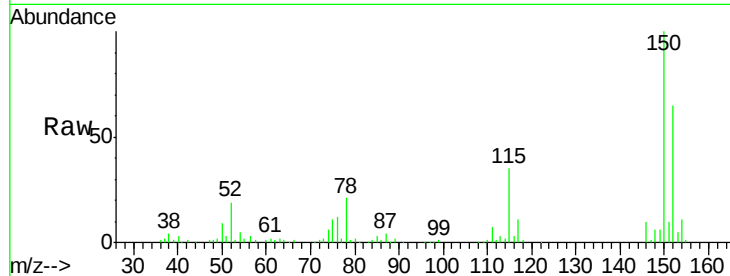


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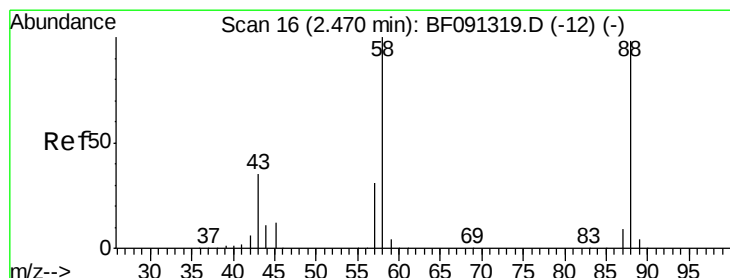
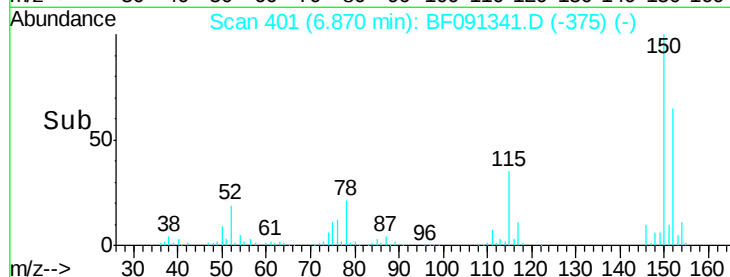
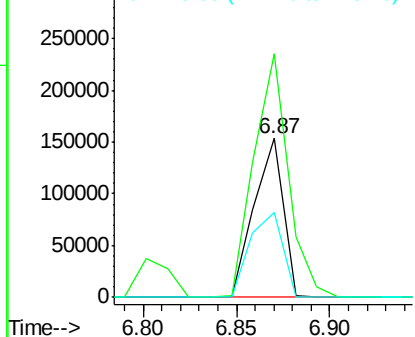
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164704
Ion Ratio Lower Upper
152 100
150 153.3 122.5 183.7
115 53.5 51.8 77.8



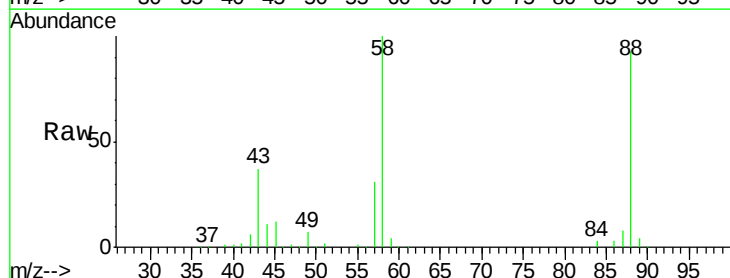
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



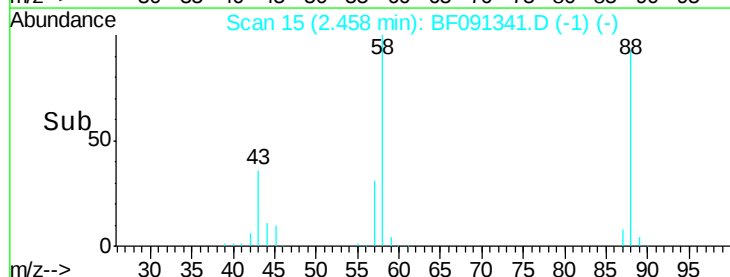
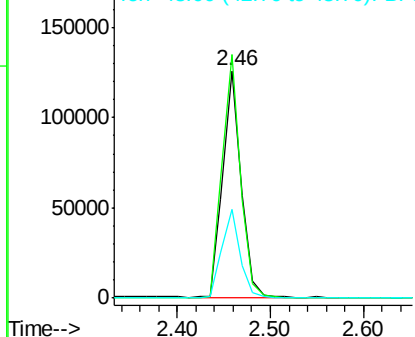
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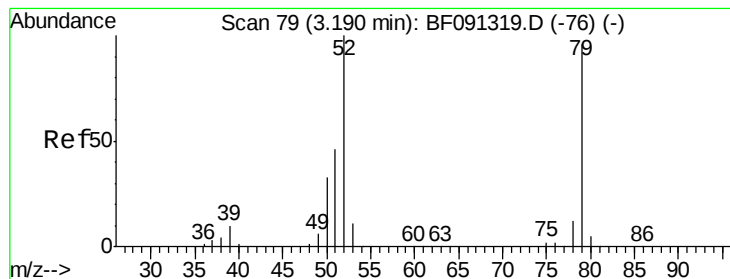
1,4-Dioxane
Concen: 37.52 ng
RT: 2.46 min Scan# 15
Delta R.T. -0.04 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Tgt Ion: 88 Resp: 171110
Ion Ratio Lower Upper
88 100
58 106.8 70.3 105.5#
43 39.3 31.3 46.9



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: 36.89 ng

RT: 3.18 min Scan# 78

Delta R.T. -0.04 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

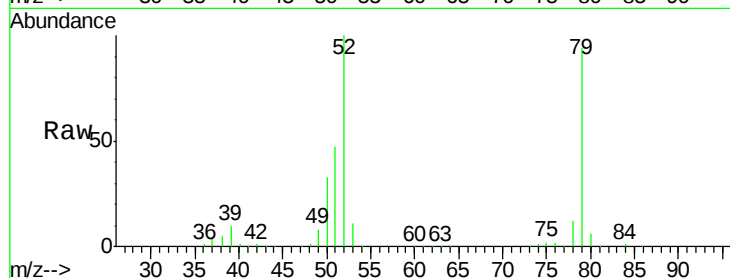
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 476187

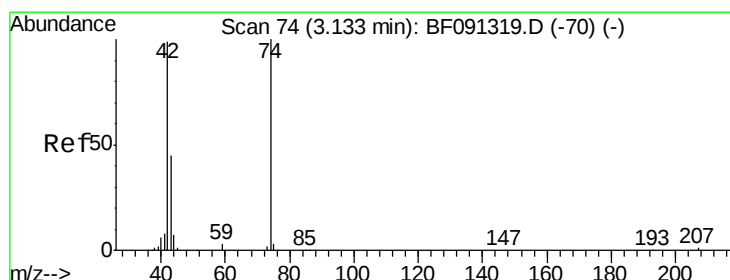
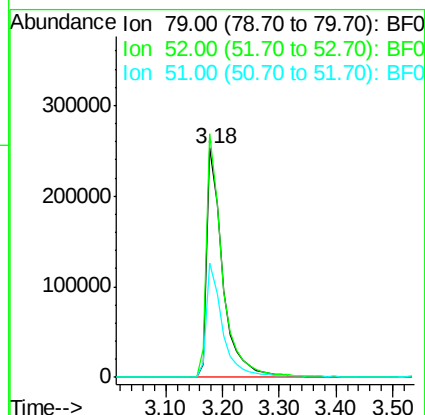
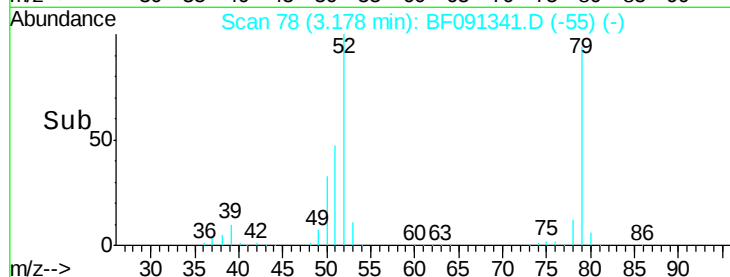
Ion	Ratio	Lower	Upper
79	100		
52	106.2	71.0	106.4
51	50.0	37.0	55.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.10 ng

RT: 3.13 min Scan# 74

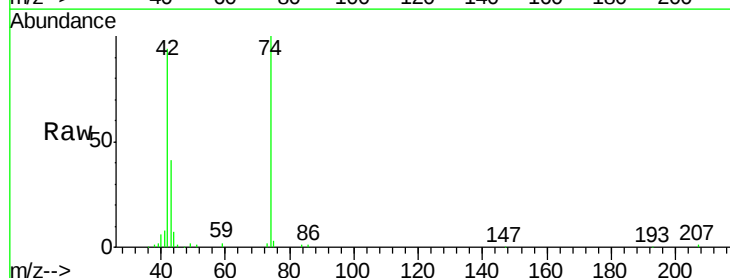
Delta R.T. -0.04 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Tgt Ion: 42 Resp: 264793

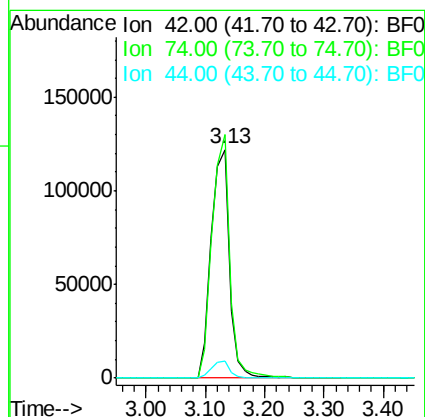
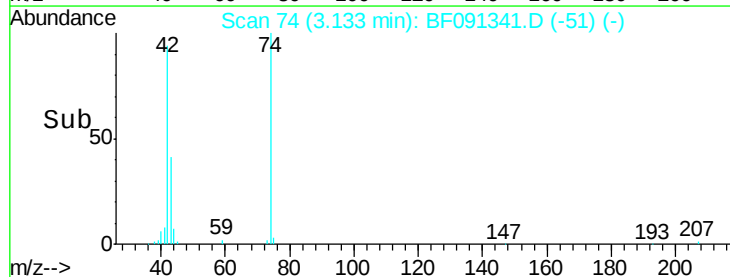
Ion	Ratio	Lower	Upper
42	100		
74	106.5	78.9	118.3
44	7.4	5.8	8.6

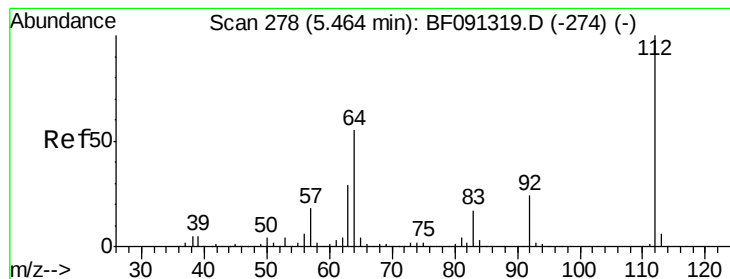


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

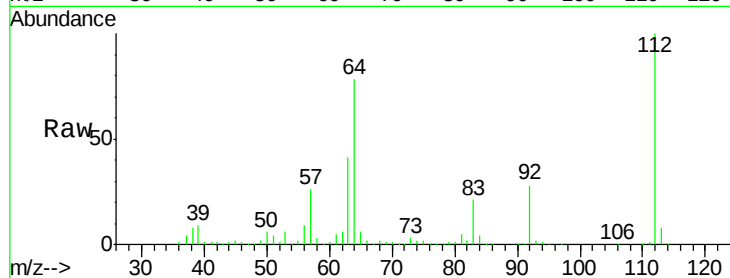




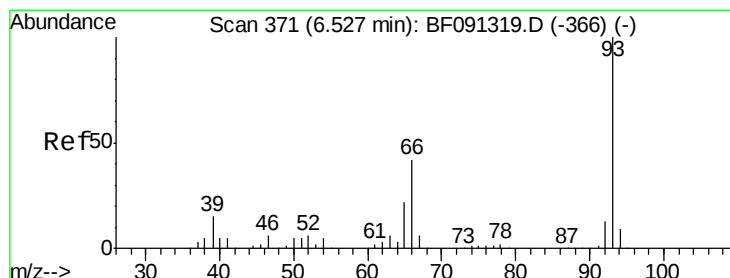
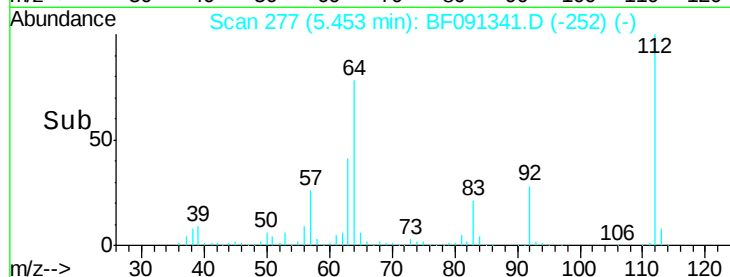
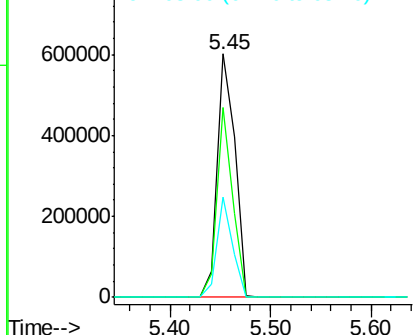
#5
 2-Fluorophenol
 Concen: 72.51 ng
 RT: 5.45 min Scan# 277
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	78.0	61.5	92.3
63	41.1	33.3	49.9

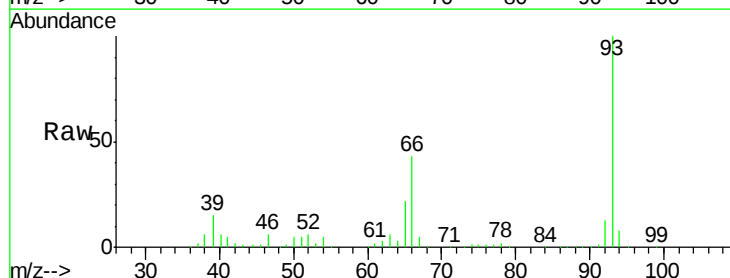


Abundance Ion 112.00 (111.70 to 112.70): BF0
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

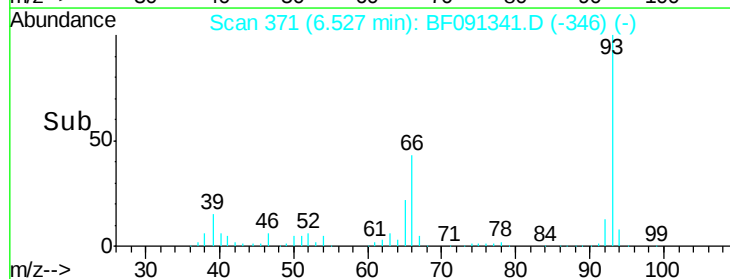
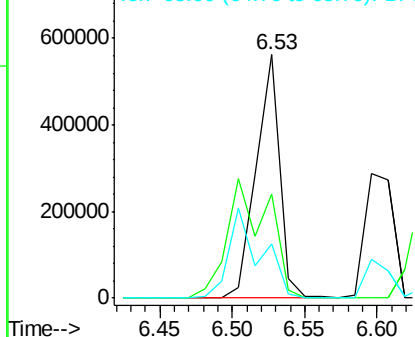


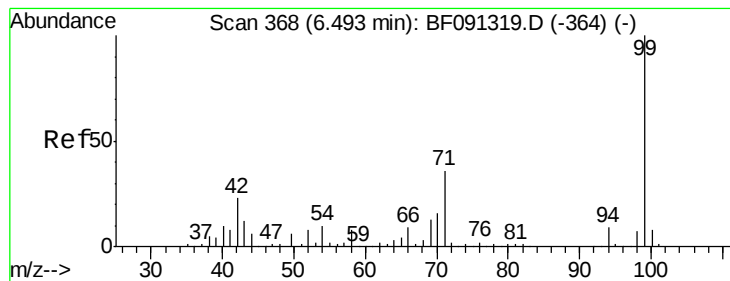
#6
 Aniline
 Concen: 38.71 ng
 RT: 6.53 min Scan# 371
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.7	55.8	83.6#
65	22.4	29.9	44.9#



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: 74.29 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampled :

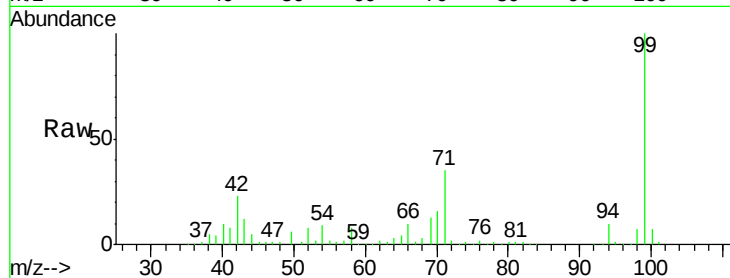
Tot Ion: 99 Resp: 921966

Ion Ratio Lower Upper

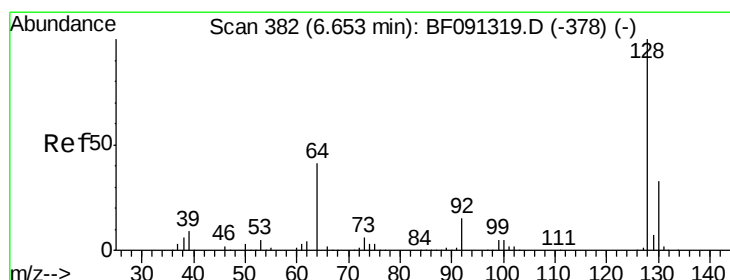
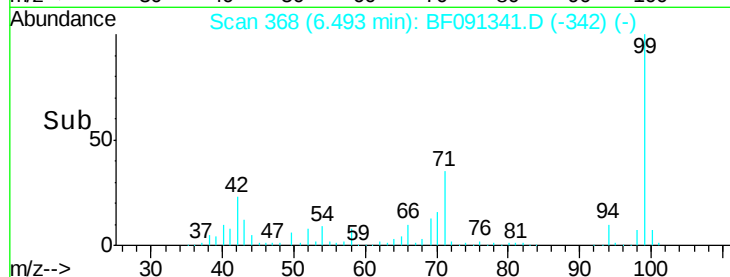
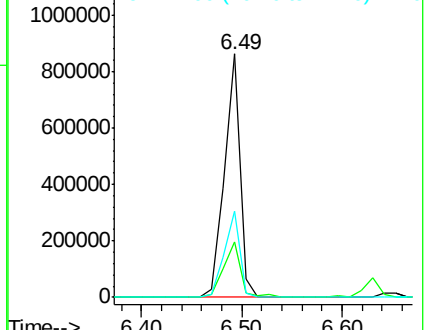
99 100

42 22.9 20.6 31.0

71 35.3 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.47 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

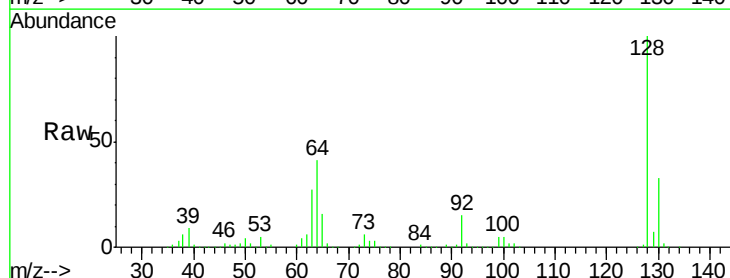
Tgt Ion: 128 Resp: 414171

Ion Ratio Lower Upper

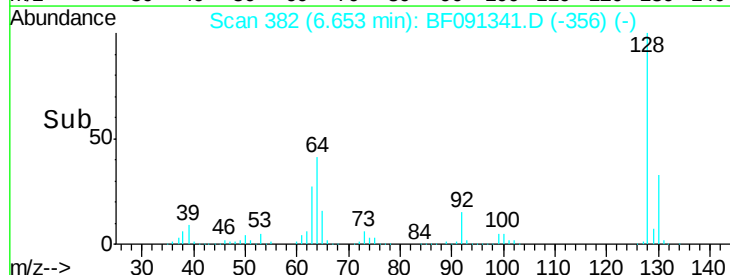
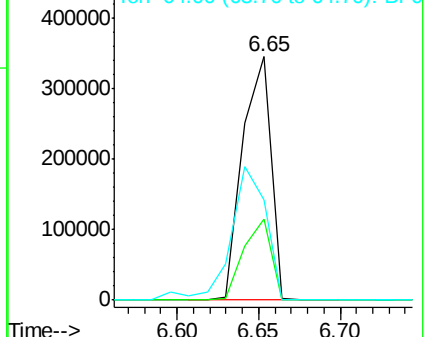
128 100

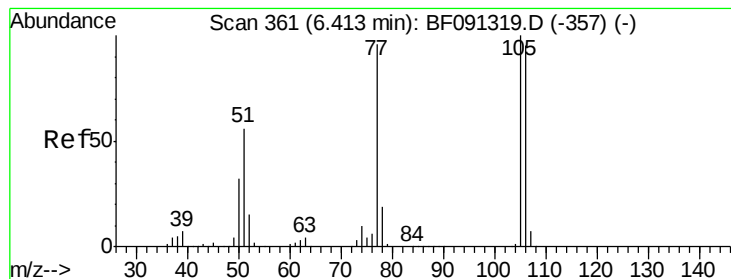
130 33.1 13.1 53.1

64 41.2 24.1 64.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.55 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampled :

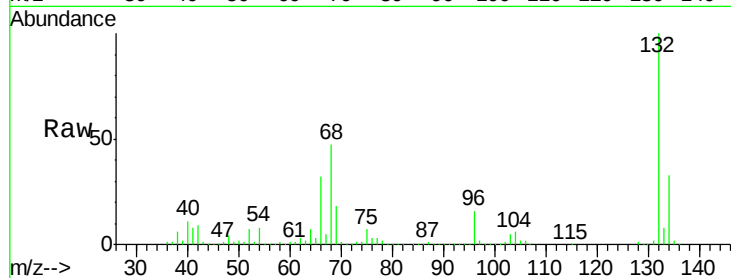
Tot Ion: 77 Resp: 20341

Ion Ratio Lower Upper

77 100

105 74.4 66.4 106.4

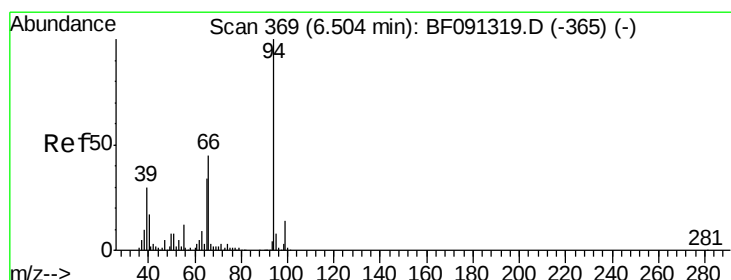
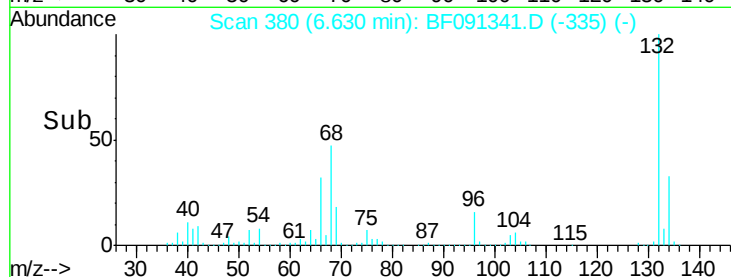
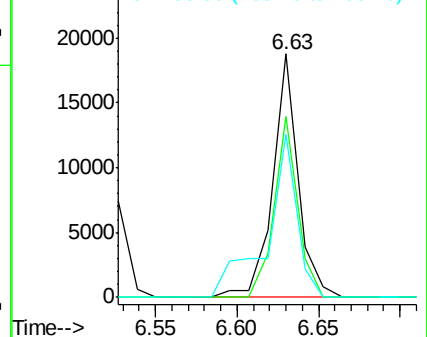
106 67.1 60.9 100.9



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: 38.00 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

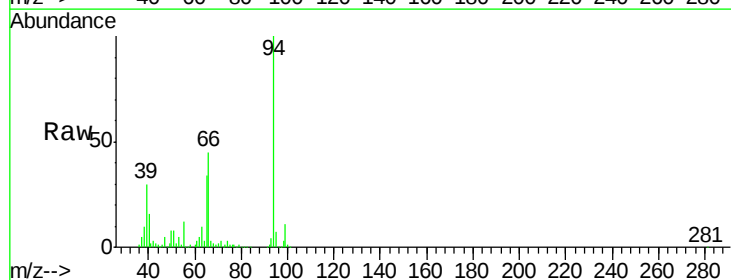
Tgt Ion: 94 Resp: 554875

Ion Ratio Lower Upper

94 100

65 34.1 16.9 56.9

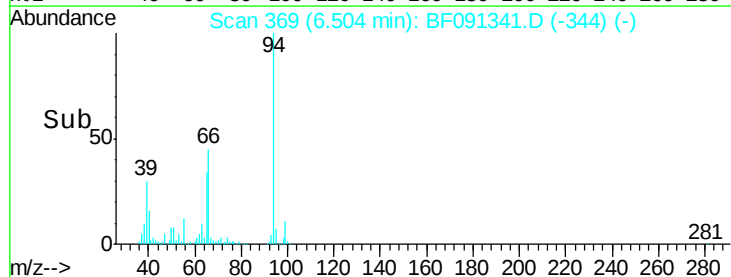
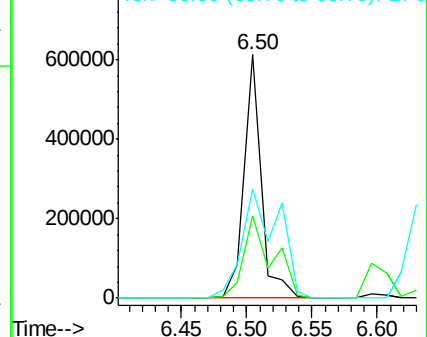
66 45.1 30.6 70.6

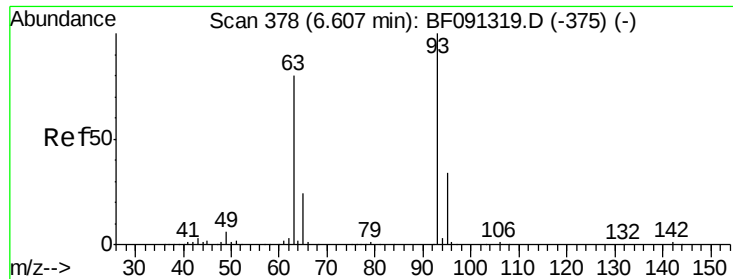


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.91 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampleId :

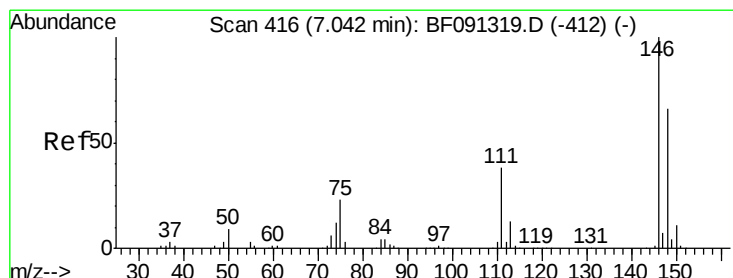
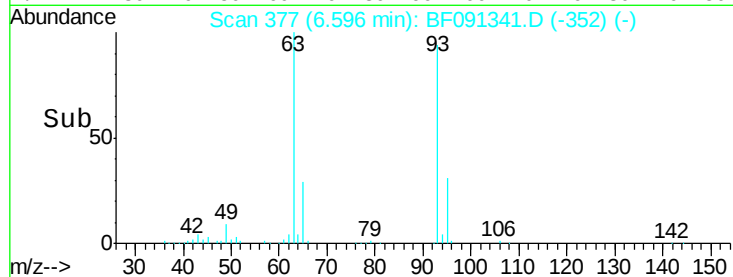
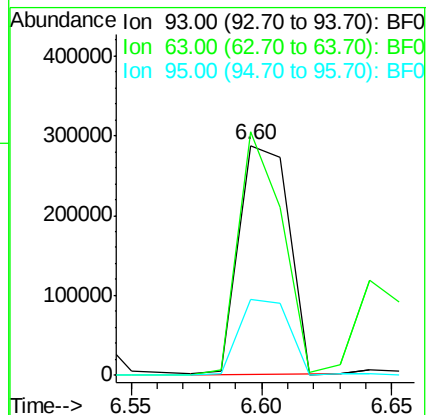
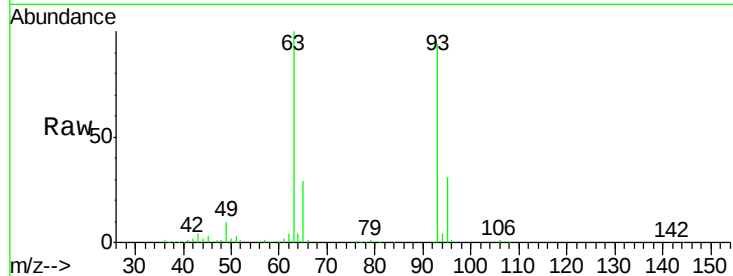
Tot Ion: 93 Resp: 385158

Ion Ratio Lower Upper

93 100

63 105.9 74.8 114.8

95 33.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 36.53 ng

RT: 7.04 min Scan# 416

Delta R.T. 0.22 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

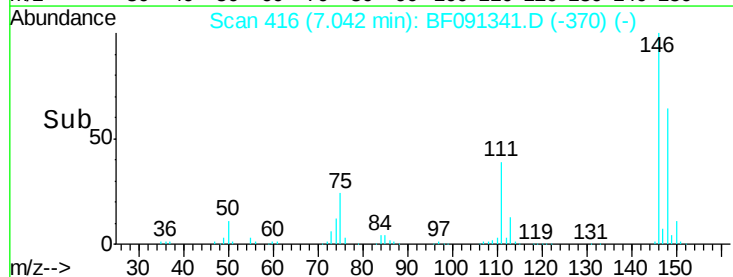
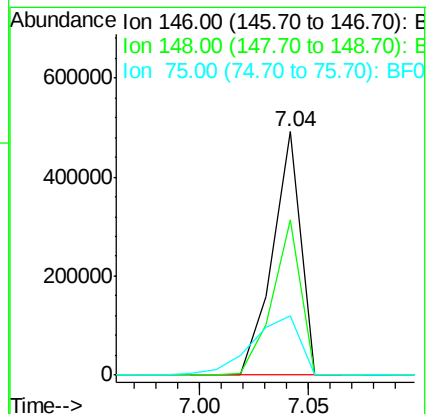
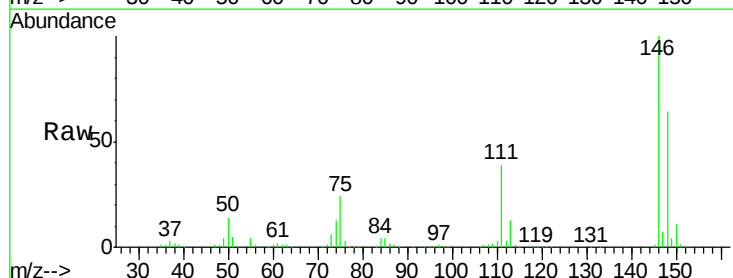
Tgt Ion: 146 Resp: 449217

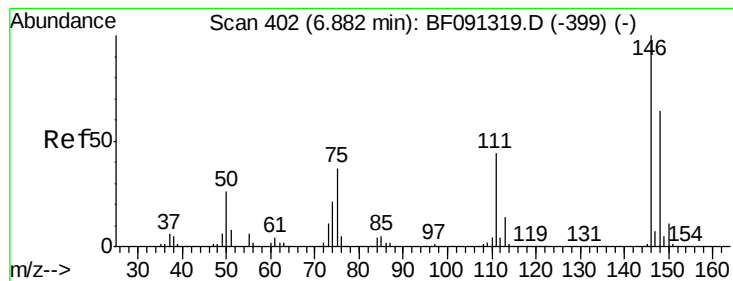
Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

75 24.3 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 37.51 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampleId :

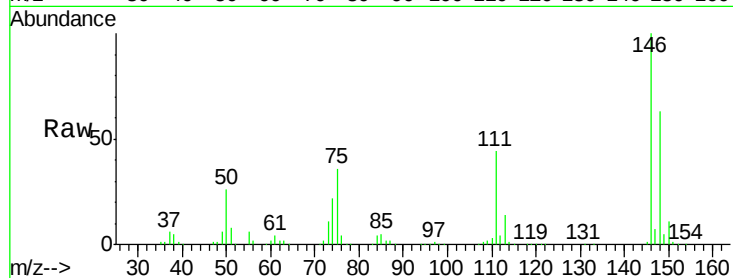
Tot Ion:146 Resp: 458850

Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.0

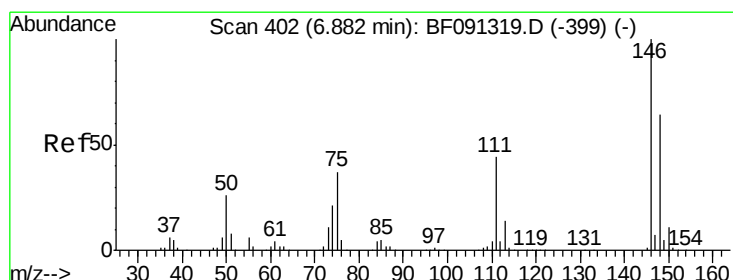
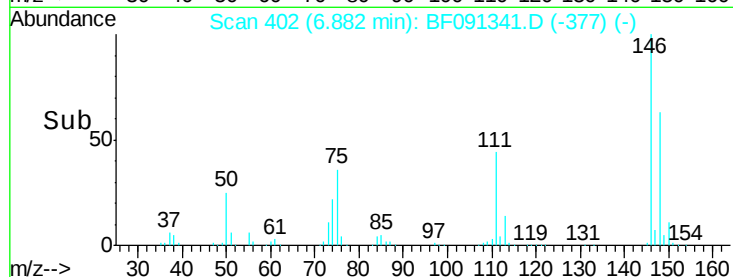
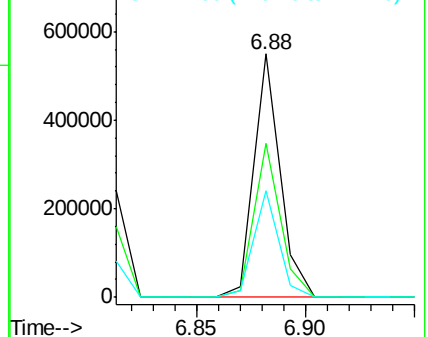
111 43.9 32.2 48.2



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



#14

1,2-Dichlorobenzene

Concen: 39.42 ng

RT: 7.04 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

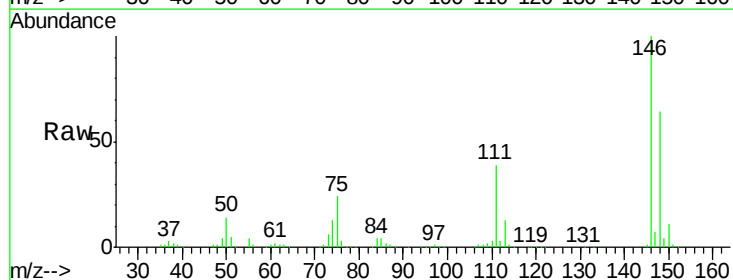
Tgt Ion:146 Resp: 449139

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

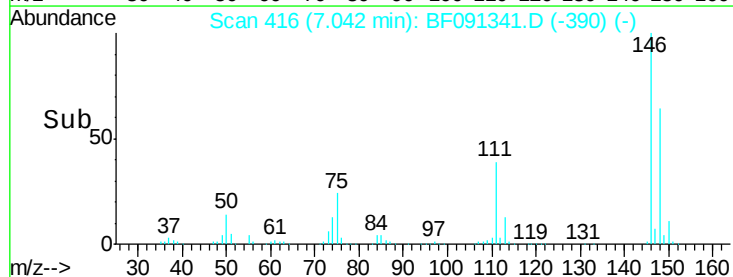
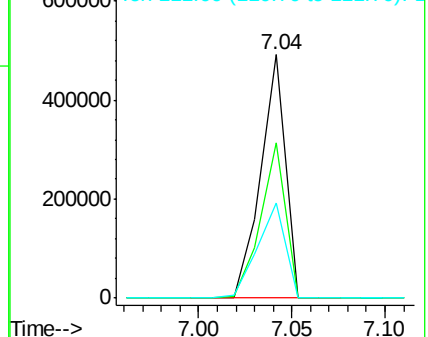
111 38.9 38.9 58.3



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: 38.73 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampleId :

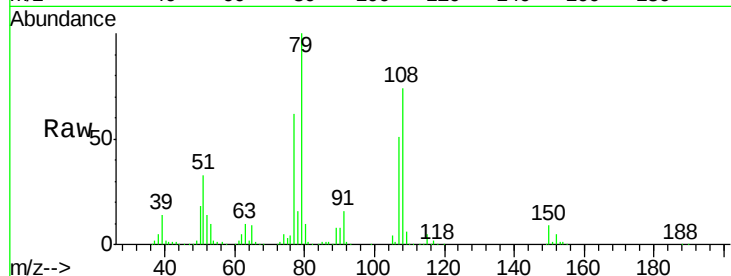
Tot Ion: 79 Resp: 384645

Ion Ratio Lower Upper

79 100

108 73.8 62.7 94.1

77 62.4 51.7 77.5

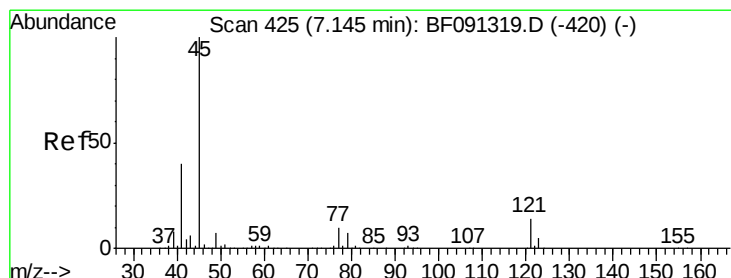
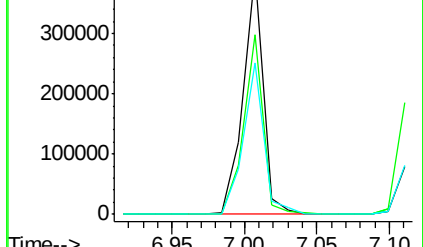
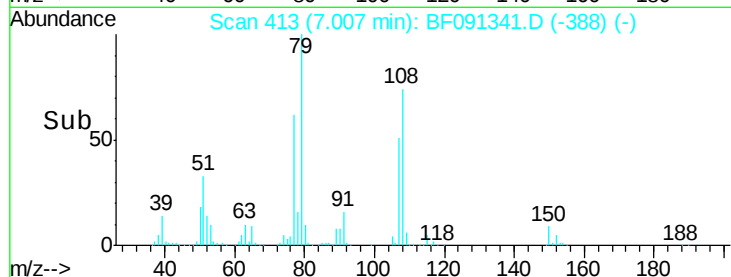


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.06 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

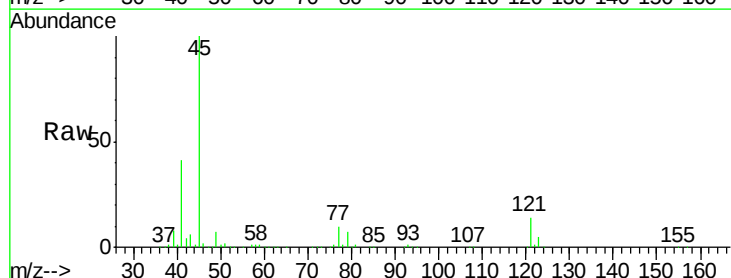
Tgt Ion: 45 Resp: 853848

Ion Ratio Lower Upper

45 100

77 9.5 3.8 43.8

79 7.2 0.2 40.2

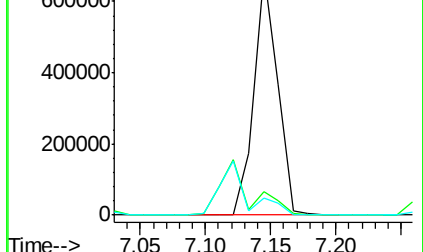
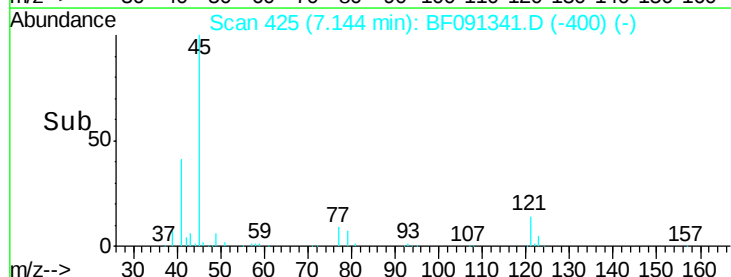


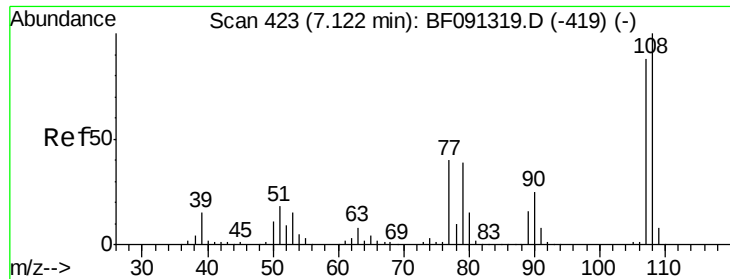
Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->

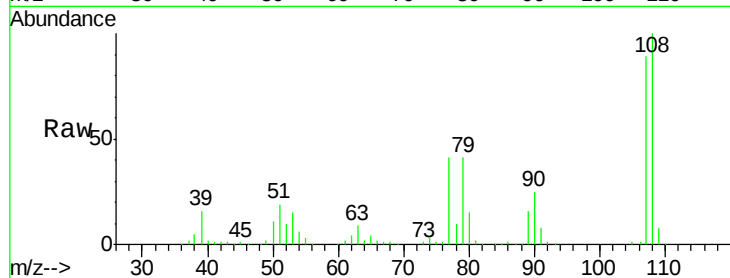




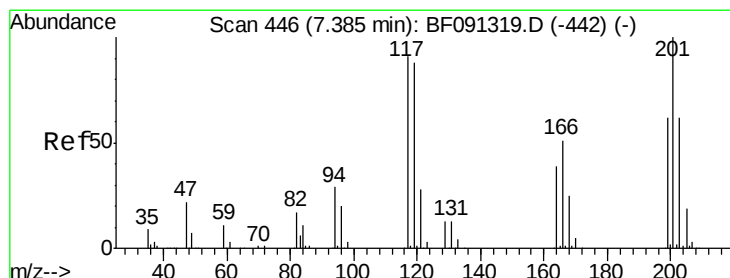
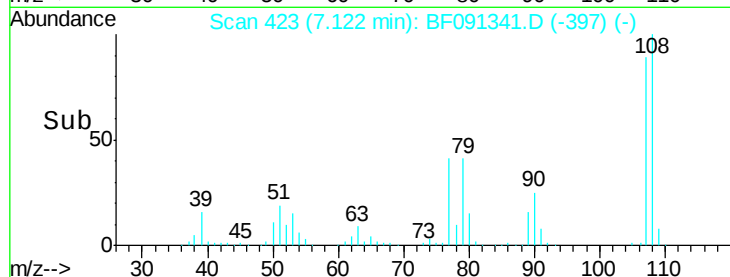
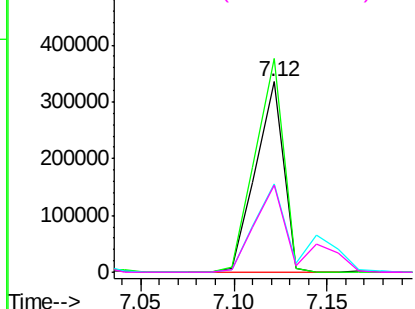
#17
2-Methylphenol
Concen: 39.87 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 348367
Ion Ratio Lower Upper
107 100
108 112.2 67.7 101.5#
77 46.1 40.7 61.1
79 45.6 23.4 35.2#

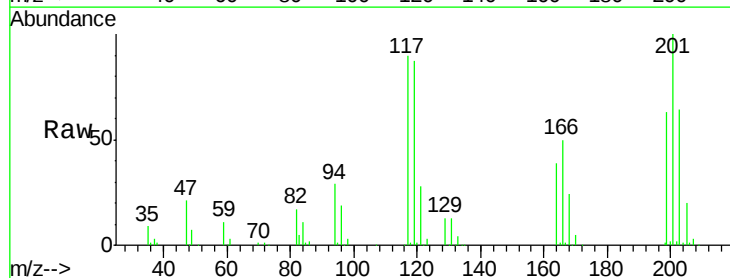


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

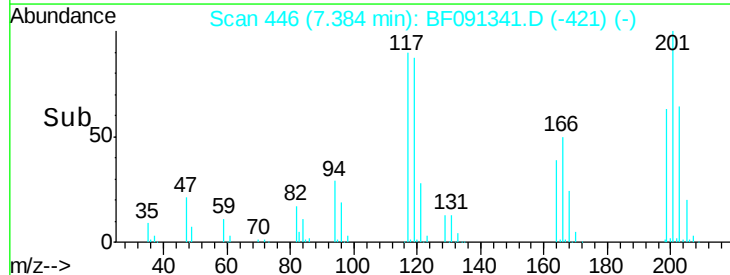
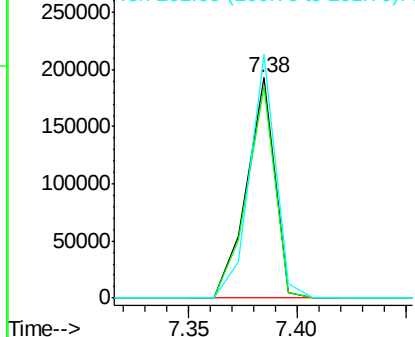


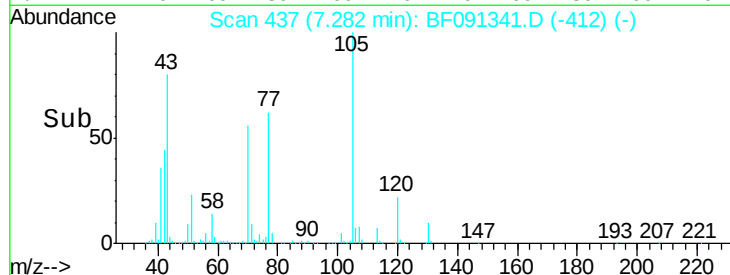
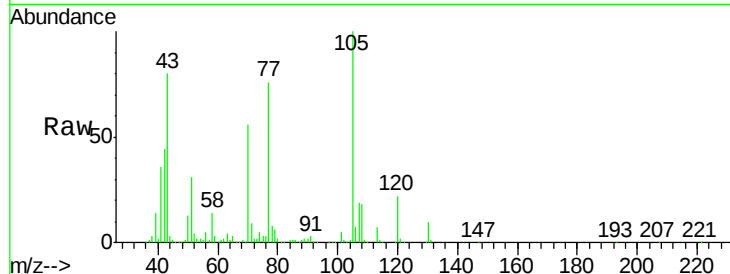
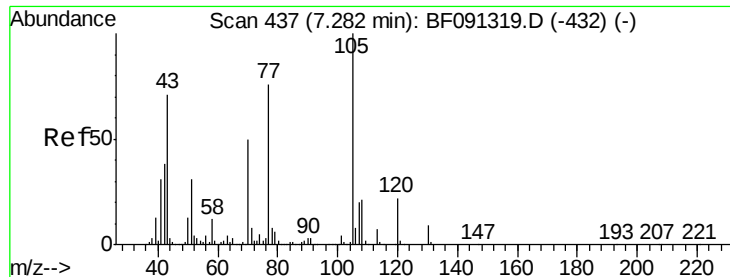
#18
Hexachloroethane
Concen: 39.86 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Tgt Ion:117 Resp: 173090
Ion Ratio Lower Upper
117 100
119 96.2 78.6 118.0
201 110.6 86.7 130.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

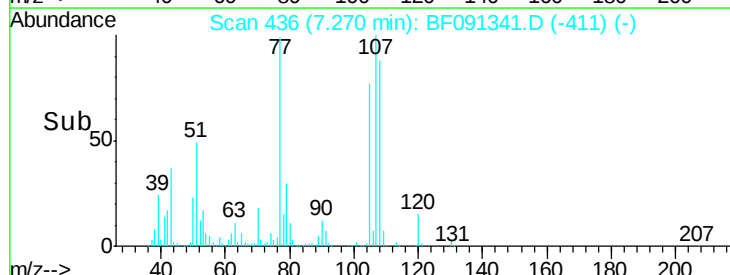
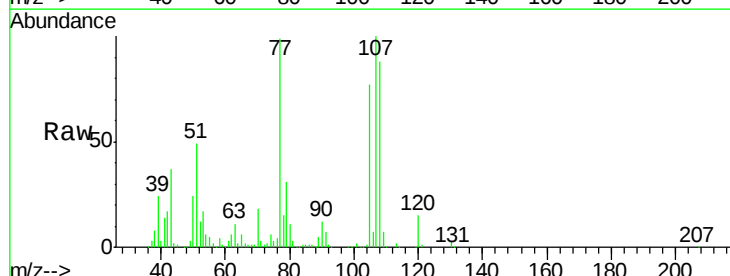
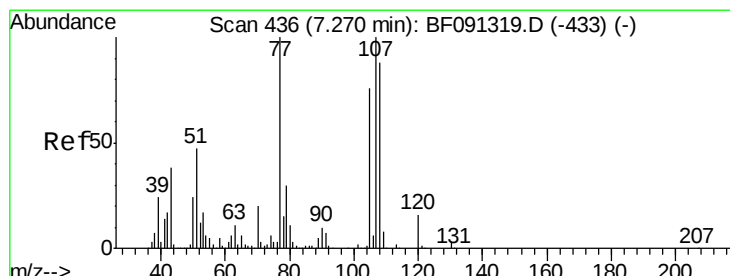
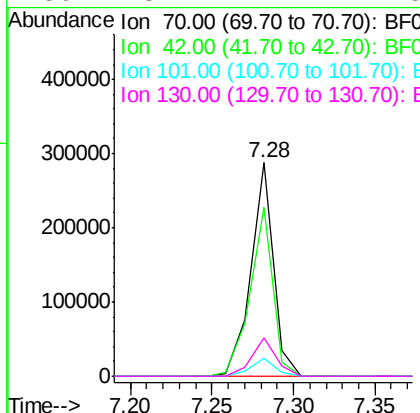




#19
n-Nitroso-di-n-propylamine
Concen: 35.37 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

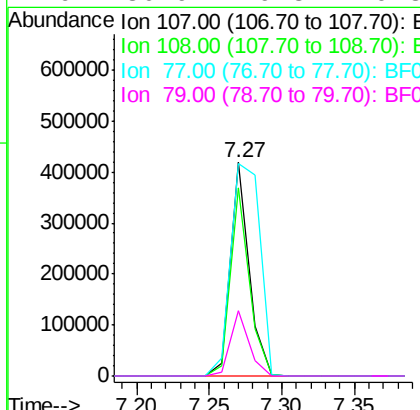
Instrument :
BNA_F
ClientSampleId :

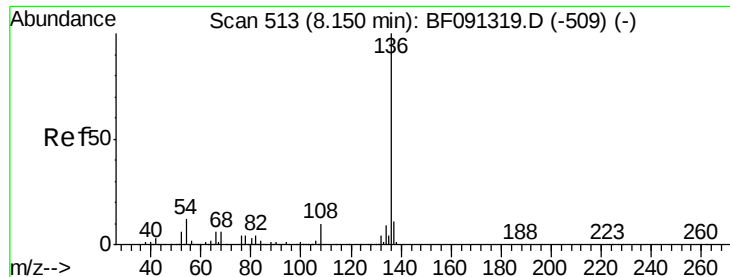
Tot Ion: 70 Resp: 276551
Ion Ratio Lower Upper
70 100
42 79.1 64.8 97.2
101 8.5 6.2 9.4
130 18.1 11.7 17.5#



#20
3+4-Methylphenols
Concen: 34.95 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Tgt Ion:107 Resp: 372848
Ion Ratio Lower Upper
107 100
108 88.2 64.6 104.6
77 99.2 30.9 70.9#
79 30.9 9.3 49.3

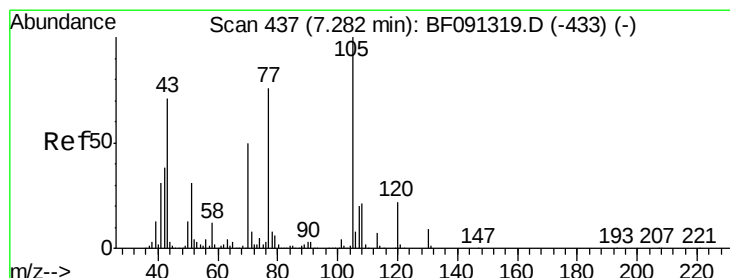
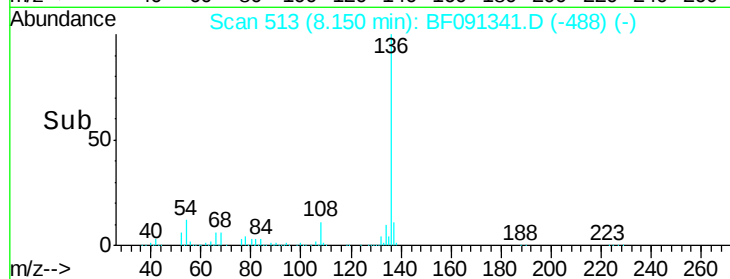
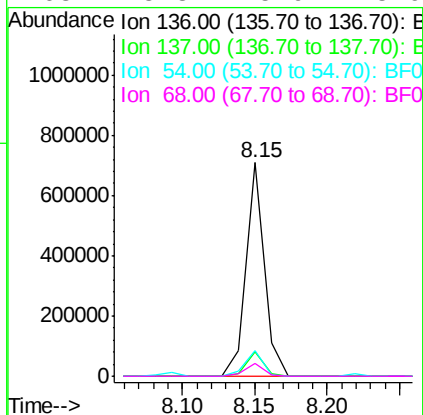
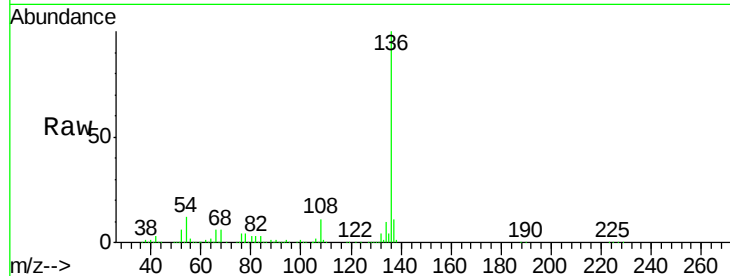




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

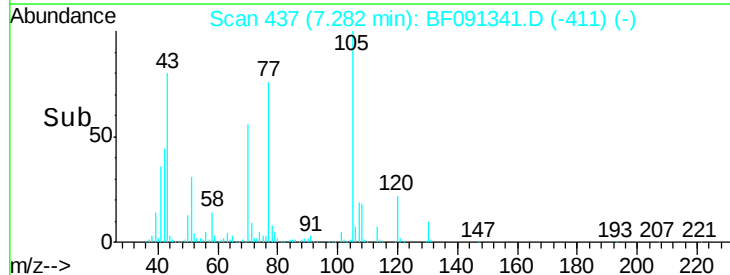
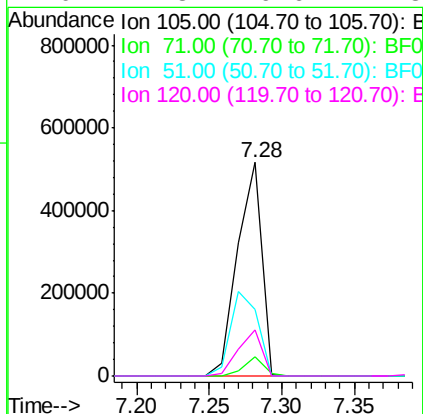
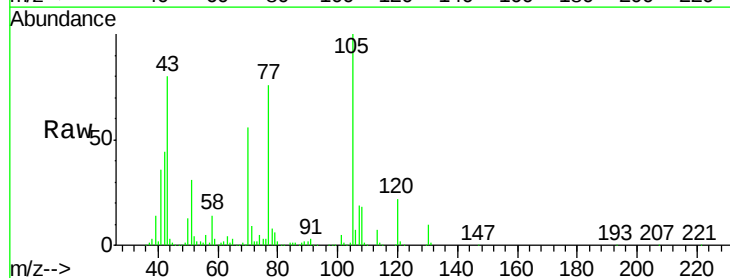
Instrument :
BNA_F
ClientSampled :

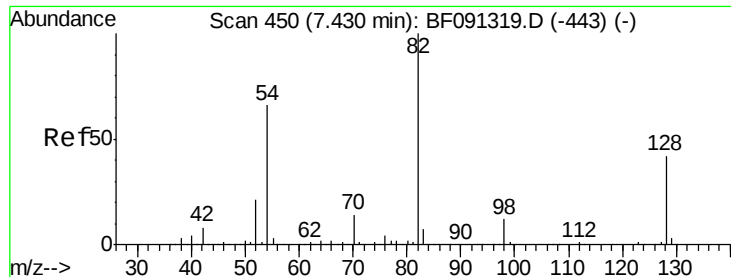
Tot Ion:	136	Resp:	622020
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	12.2	9.1	13.7
68	5.8	5.9	8.9#



#22
Acetophenone
Concen: 40.55 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Tgt Ion:	105	Resp:	597888
Ion	Ratio	Lower	Upper
105	100		
71	9.0	7.9	11.9
51	31.5	24.5	36.7
120	21.8	16.6	24.8

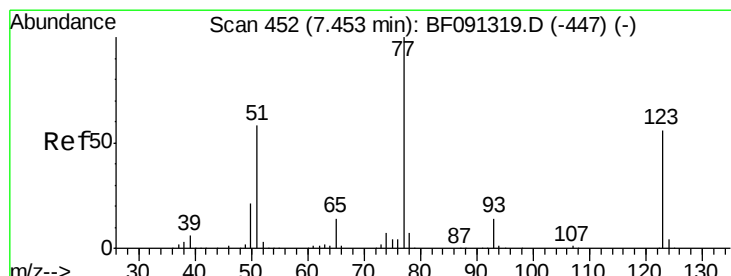
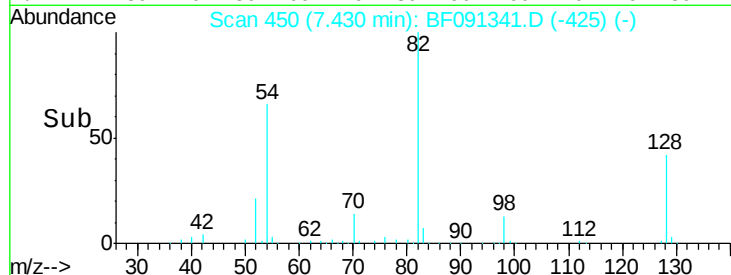
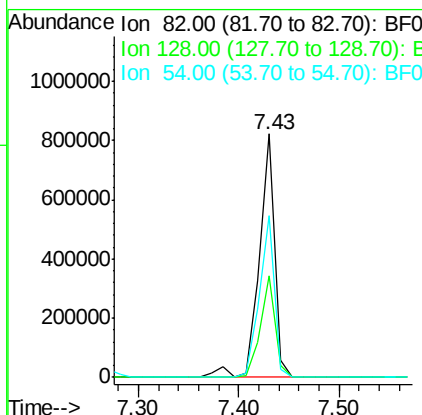
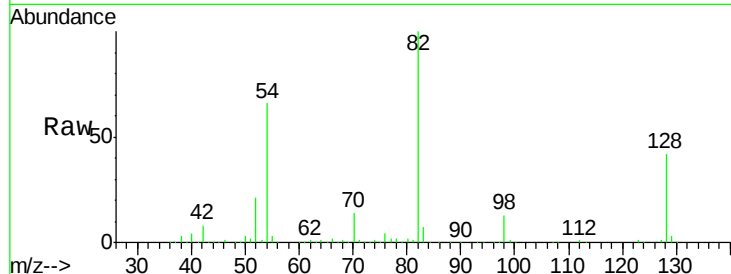




#23
 Nitrobenzene-d5
 Concen: 78.64 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

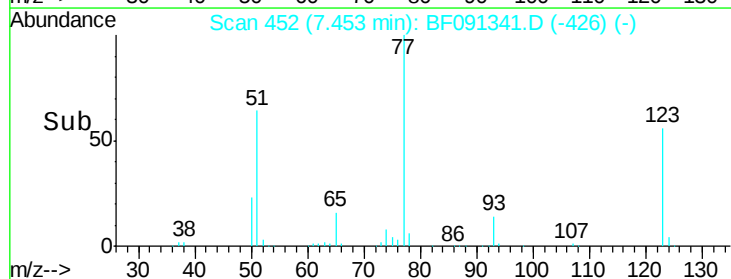
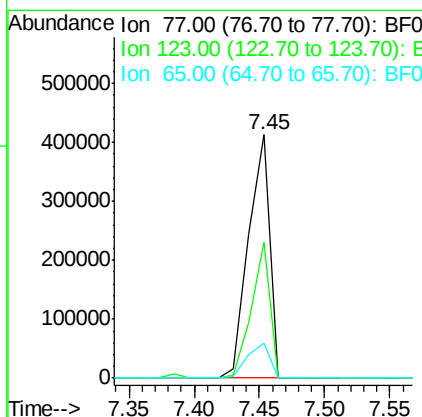
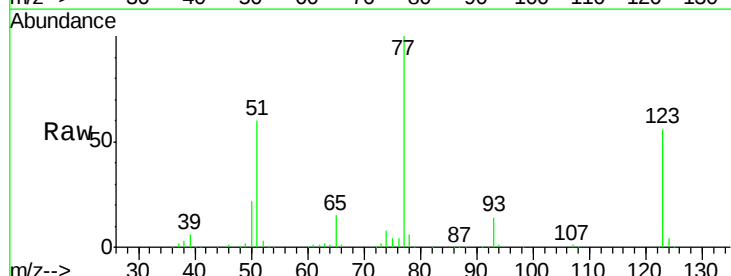
Instrument :
 BNA_F
 ClientSampleId :

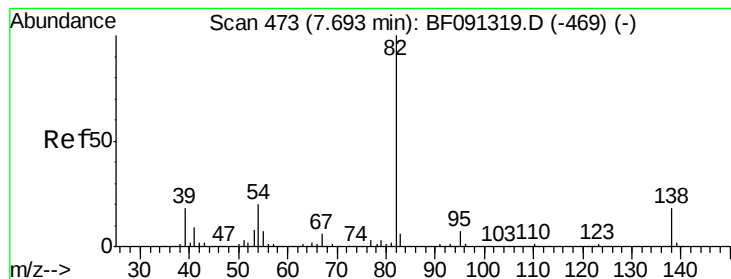
Tot Ion: 82 Resp: 872891
 Ion Ratio Lower Upper
 82 100
 128 41.6 31.8 47.6
 54 66.3 49.1 73.7



#24
 Nitrobenzene
 Concen: 40.87 ng
 RT: 7.45 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Tgt Ion: 77 Resp: 464386
 Ion Ratio Lower Upper
 77 100
 123 55.7 28.5 42.7#
 65 14.5 12.5 18.7





#25

Isophorone

Concen: 39.76 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampleId :

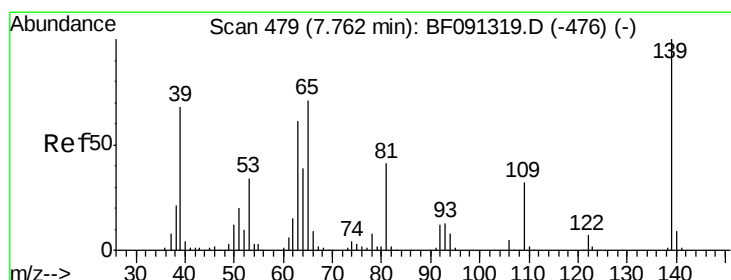
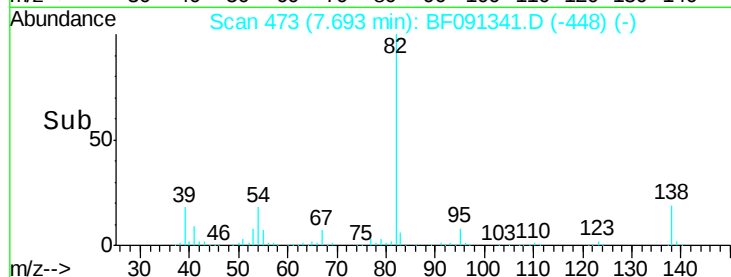
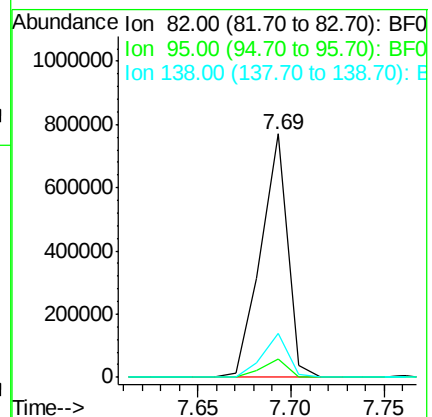
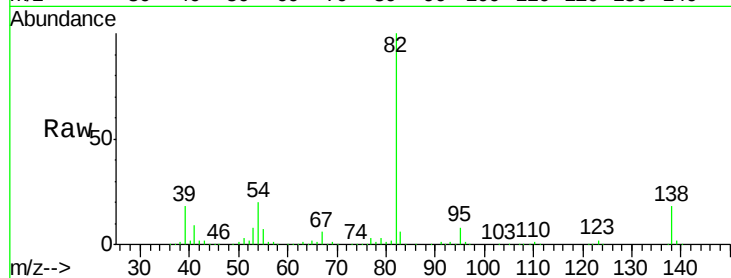
Tot Ion: 82 Resp: 781913

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

138 18.2 13.4 20.0



#26

2-Nitrophenol

Concen: 36.67 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

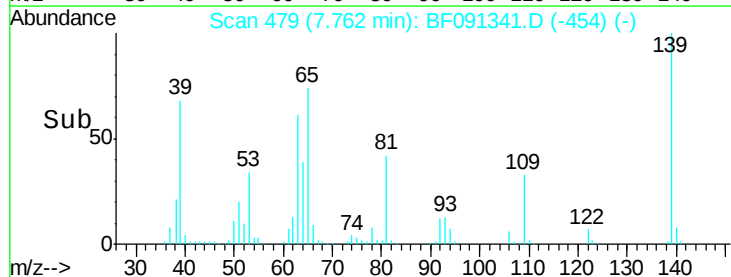
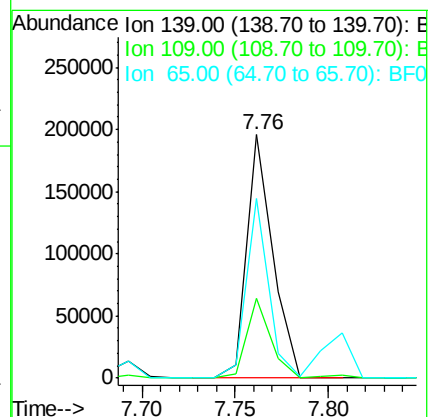
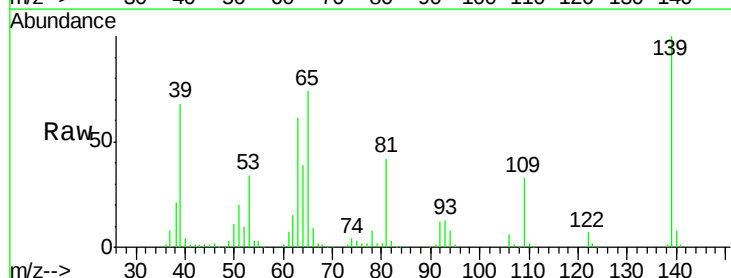
Tgt Ion: 139 Resp: 189917

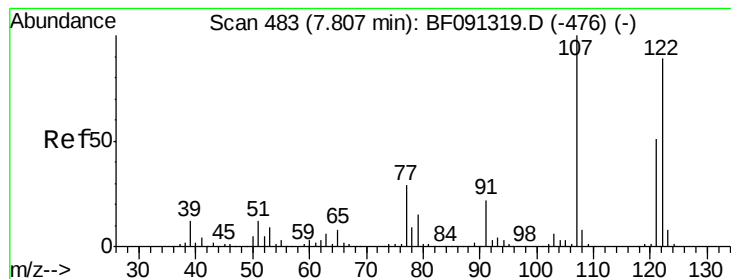
Ion Ratio Lower Upper

139 100

109 32.5 25.3 37.9

65 73.8 55.4 83.2

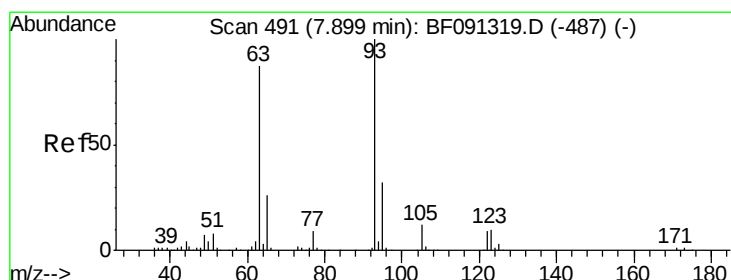
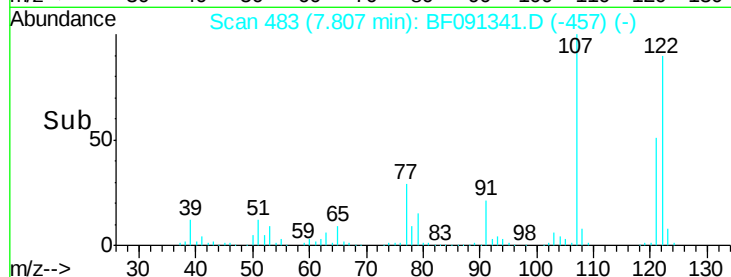
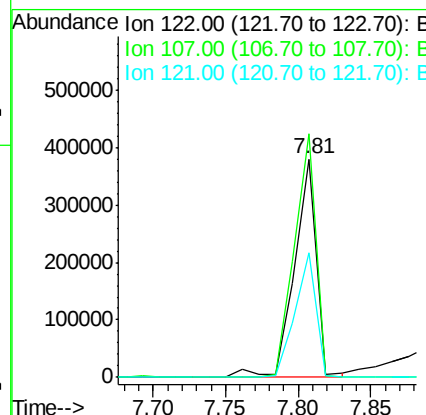
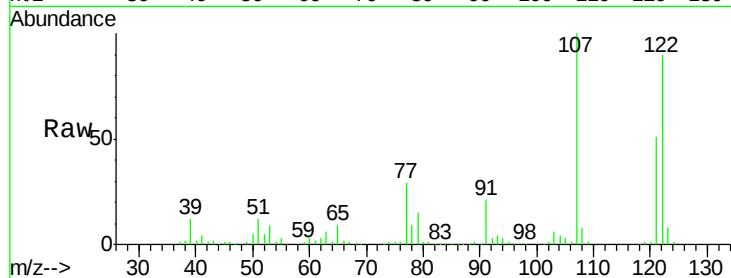




#27
 2,4-Dimethylphenol
 Concen: 41.12 ng
 RT: 7.81 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

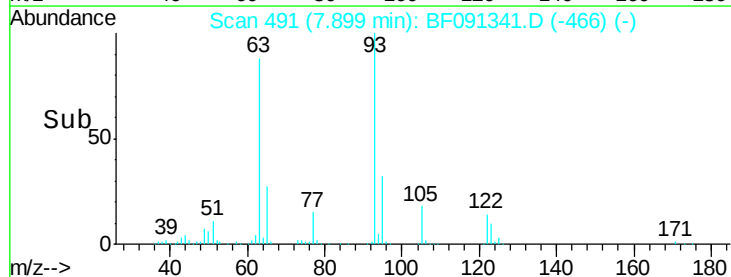
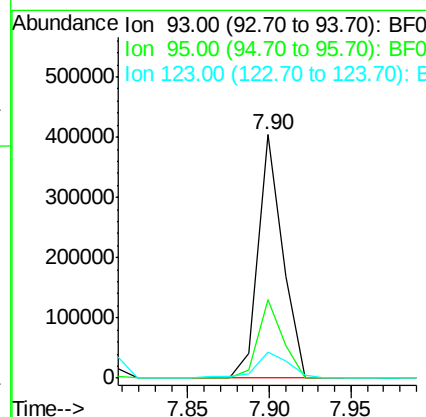
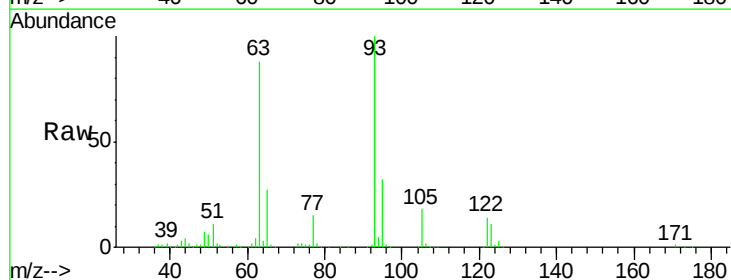
Instrument :
 BNA_F
 ClientSampled :

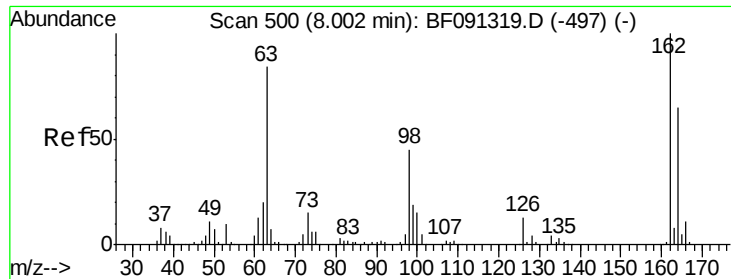
Tot Ion:122 Resp: 398348
 Ion Ratio Lower Upper
 122 100
 107 111.6 96.8 145.2
 121 57.4 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.55 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Tgt Ion: 93 Resp: 420751
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.0 39.0
 123 10.5 8.6 12.8

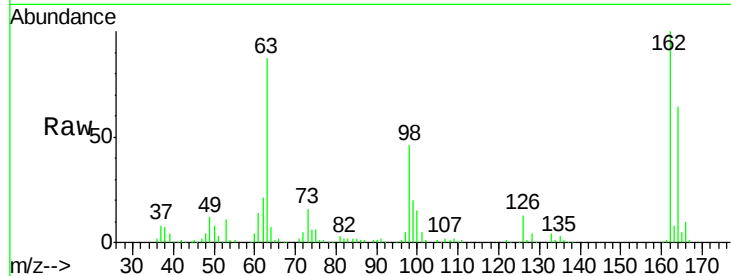




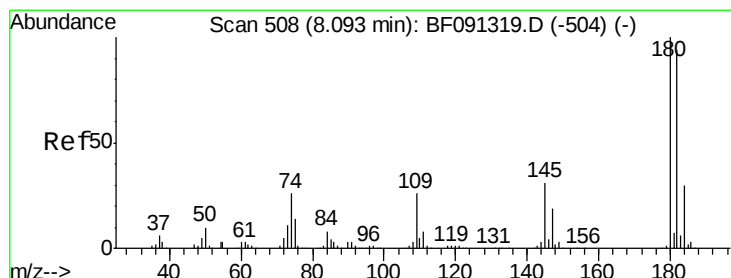
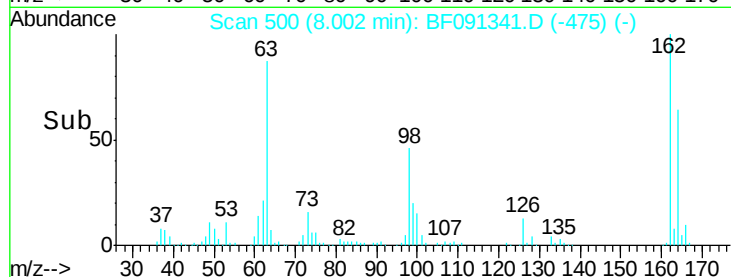
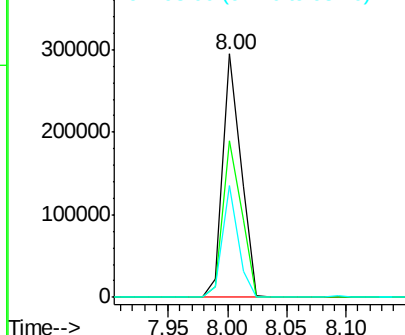
#29
 2,4-Dichlorophenol
 Concen: 36.54 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 311434
 Ion Ratio Lower Upper
 162 100
 164 64.4 45.0 85.0
 98 45.8 21.3 61.3

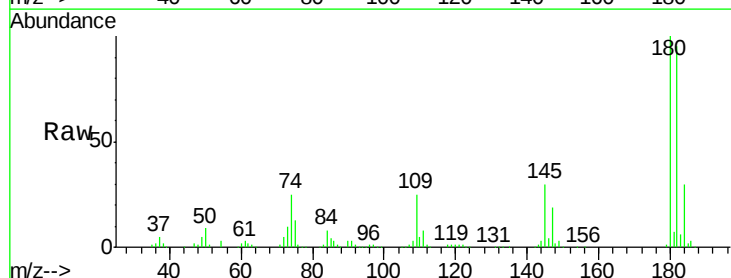


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

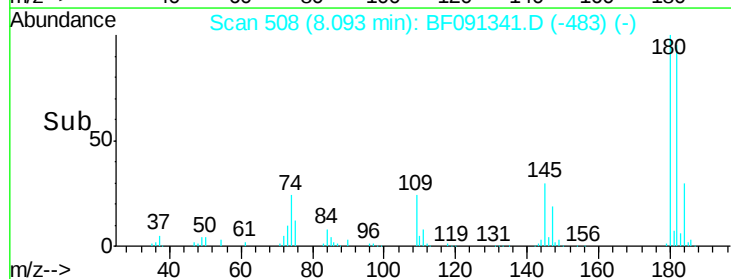
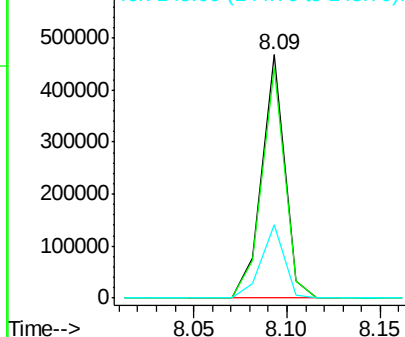


#30
 1,2,4-Trichlorobenzene
 Concen: 41.58 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Tgt Ion:180 Resp: 397230
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.8 113.8
 145 30.2 27.0 40.4



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: 39.11 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampleId :

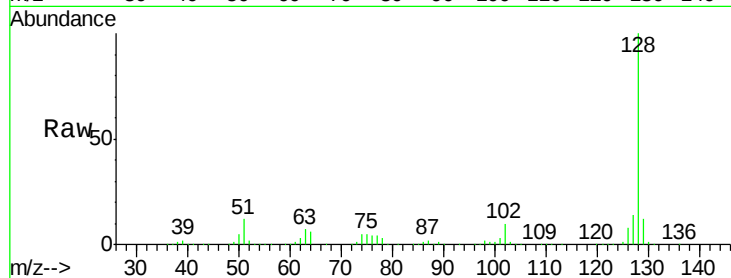
Tot Ion:128 Resp: 1156214

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

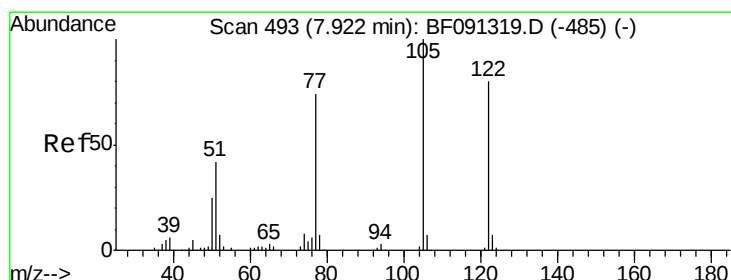
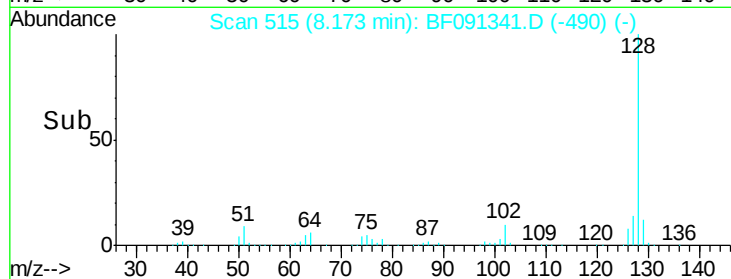
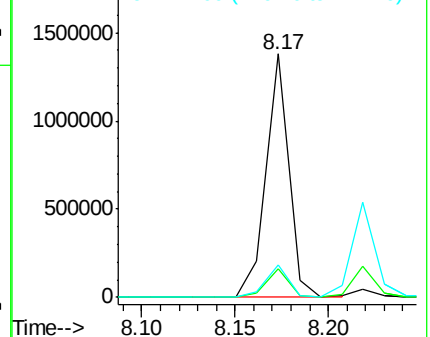
127 13.6 11.0 16.4



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: 37.07 ng

RT: 7.91 min Scan# 492

Delta R.T. -0.03 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

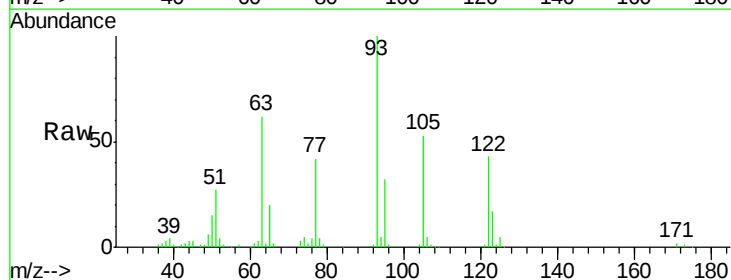
Tgt Ion:122 Resp: 264713

Ion Ratio Lower Upper

122 100

105 124.3 113.0 153.0

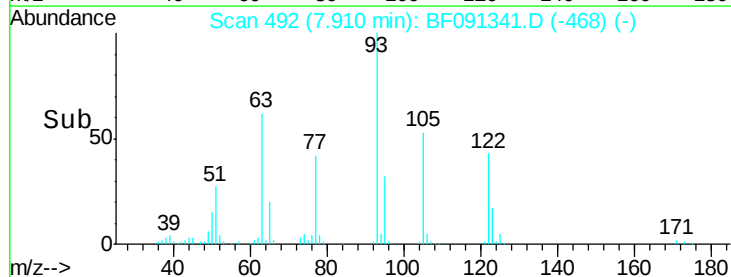
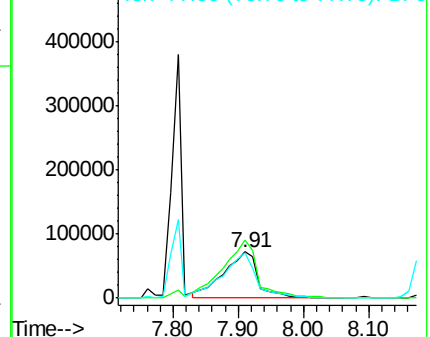
77 98.8 82.0 122.0

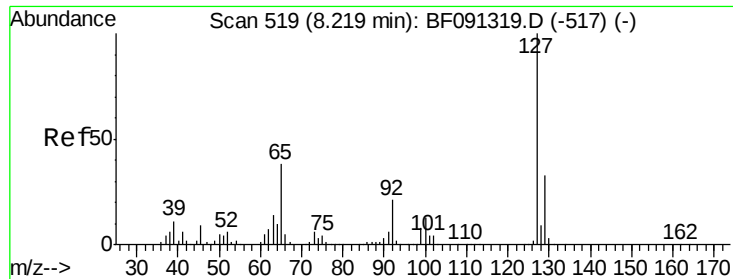


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

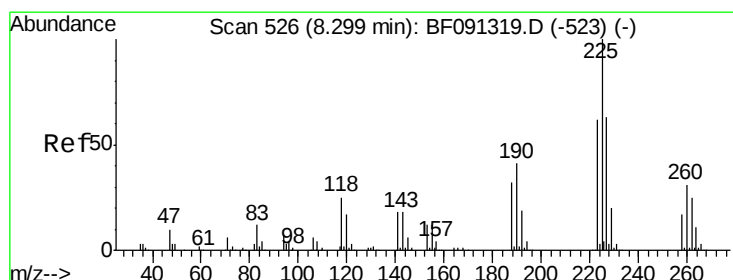
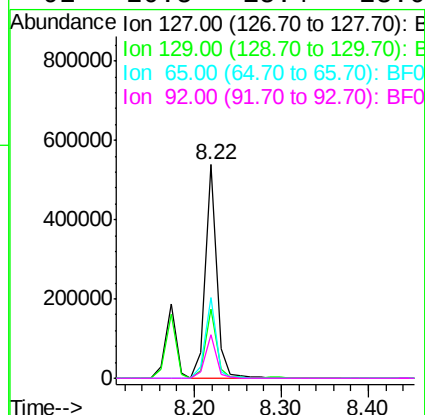
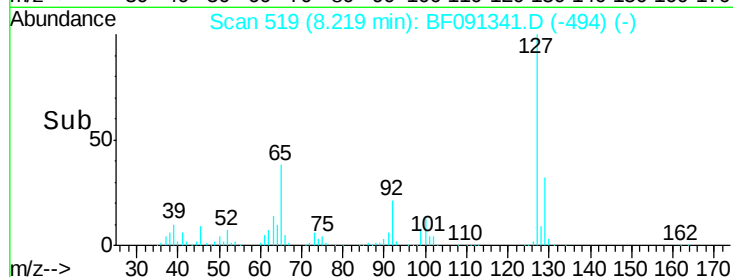
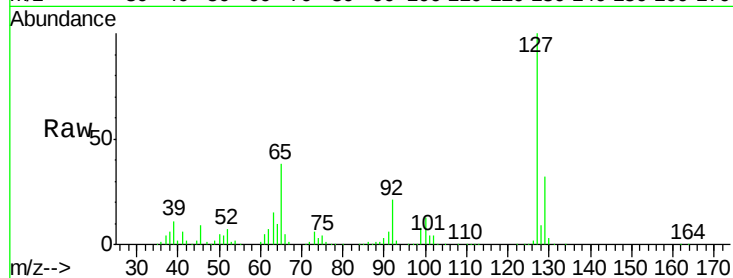




#33
4-Chloroaniline
Concen: 38.25 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

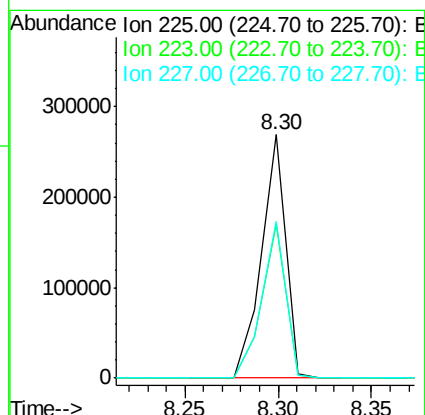
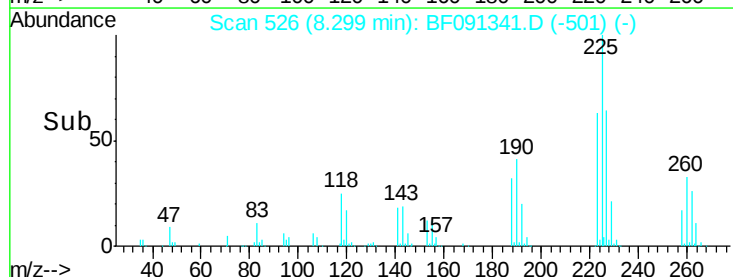
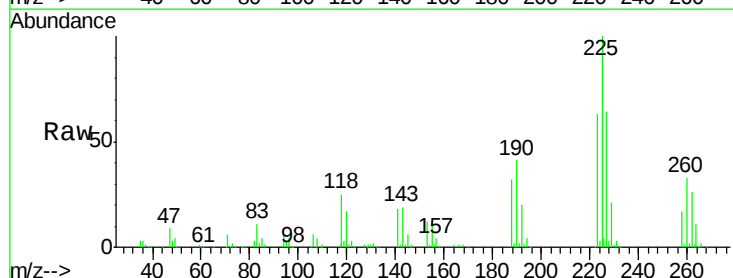
Instrument :
BNA_F
ClientSampleId :

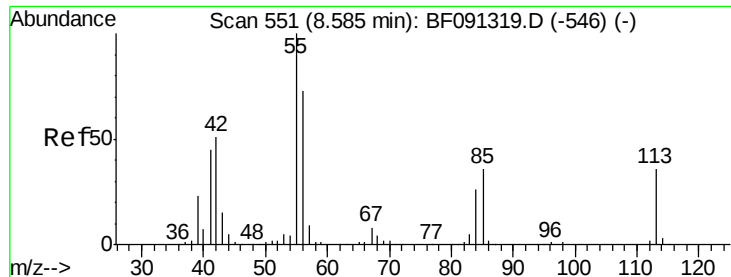
Tot Ion:	127	Resp:	483405
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	37.9	26.6	39.8
92	20.5	15.4	23.0



#34
Hexachlorobutadiene
Concen: 40.87 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Tgt Ion:	225	Resp:	240095
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.8	74.6
227	64.3	52.6	79.0

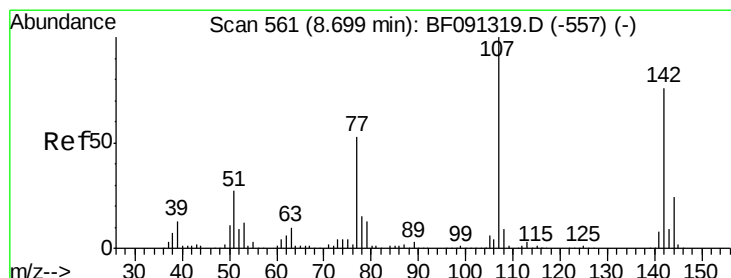
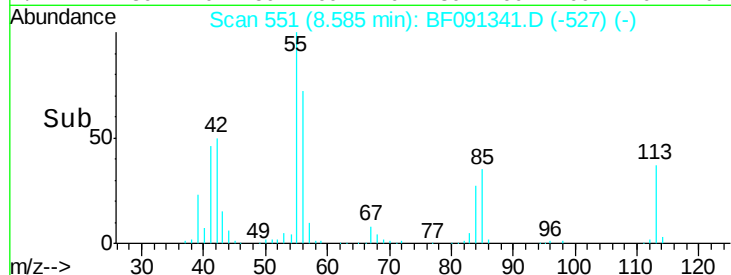
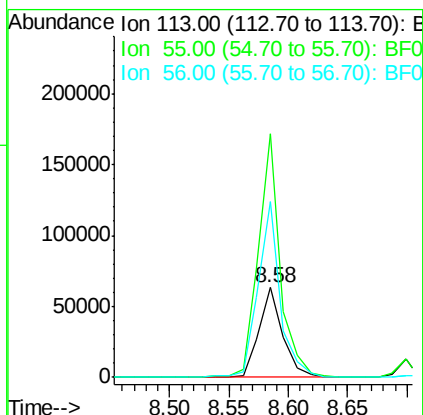
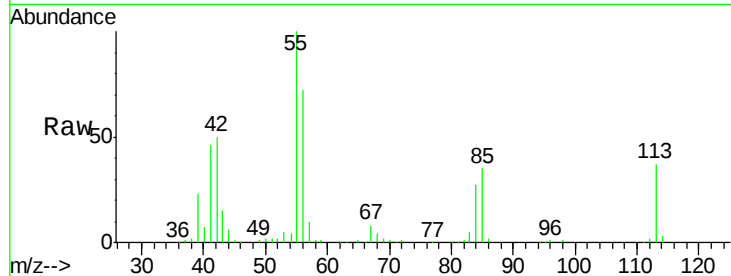




#35
 Caprolactam
 Concen: 35.93 ng
 RT: 8.58 min Scan# 551
 Delta R.T. -0.03 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

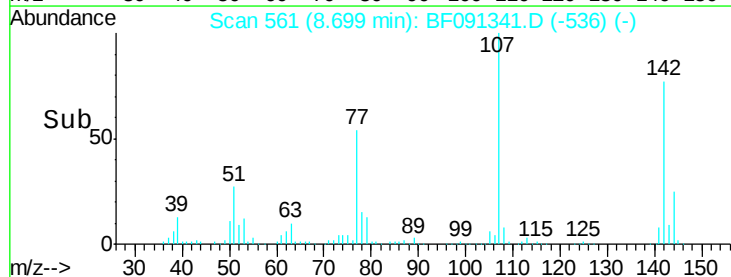
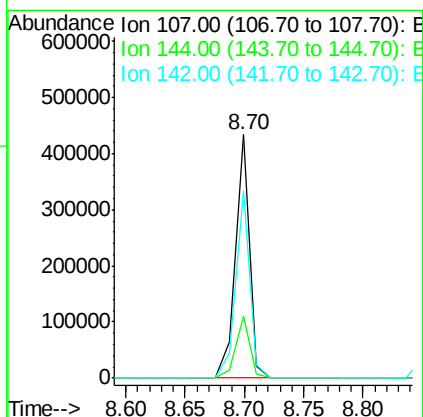
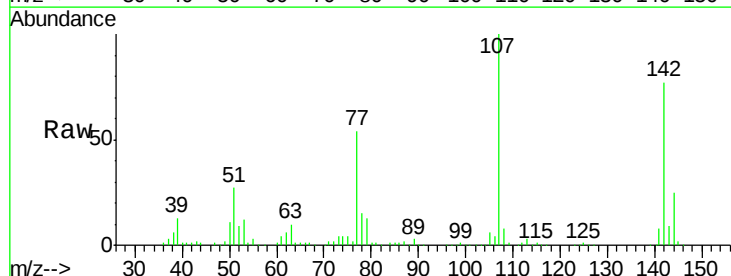
Instrument :
 BNA_F
 ClientSampleId :

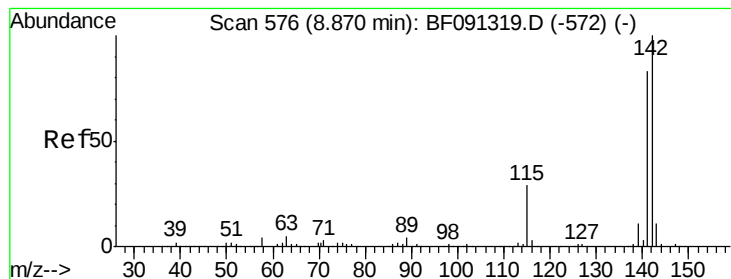
Tot Ion:113 Resp: 88006
 Ion Ratio Lower Upper
 113 100
 55 270.8 239.8 279.8
 56 195.1 165.6 205.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.00 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Tgt Ion:107 Resp: 358808
 Ion Ratio Lower Upper
 107 100
 144 25.5 18.9 28.3
 142 77.0 58.5 87.7





#37

2-Methylnaphthalene

Concen: 37.89 ng

RT: 8.86 min Scan# 575

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampleId :

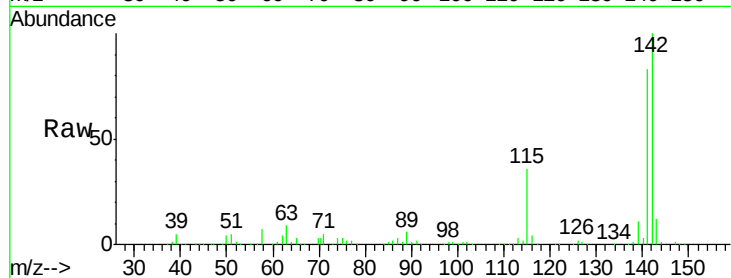
Tot Ion:142 Resp: 760973

Ion Ratio Lower Upper

142 100

141 83.0 71.7 107.5

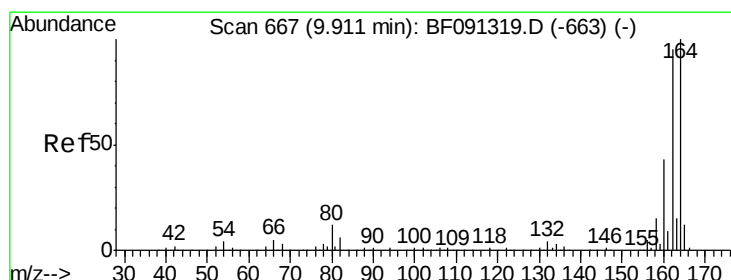
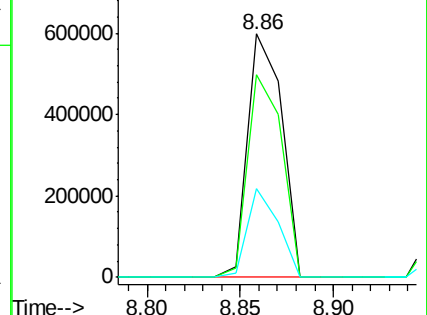
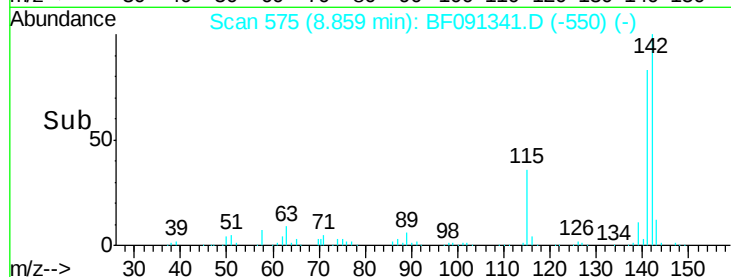
115 36.3 25.0 37.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

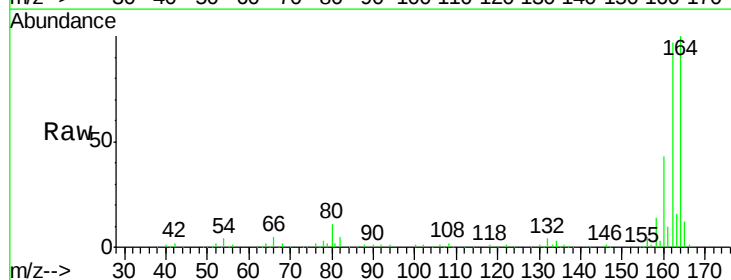
Tgt Ion:164 Resp: 336336

Ion Ratio Lower Upper

164 100

162 97.4 82.6 124.0

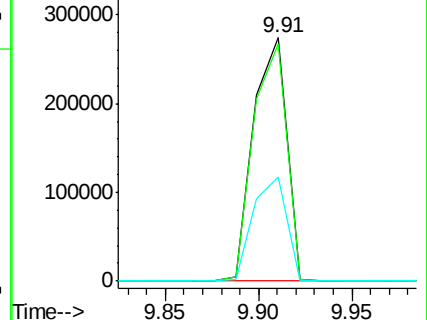
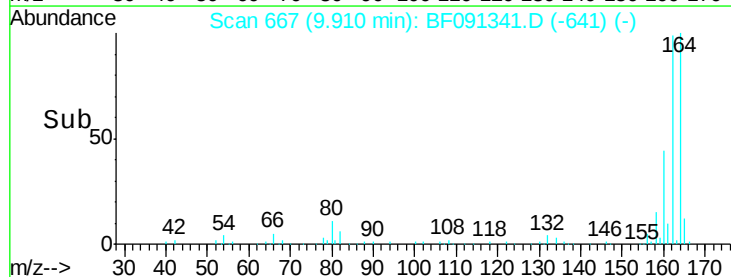
160 43.0 36.7 55.1

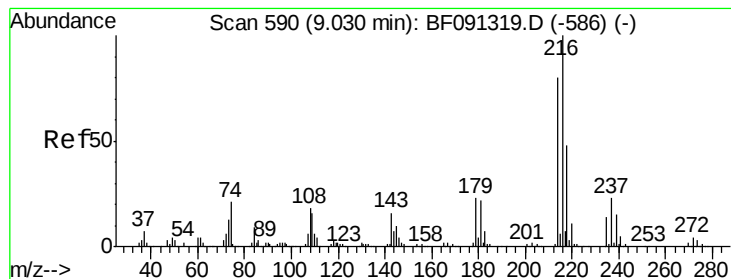


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.96 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 369368

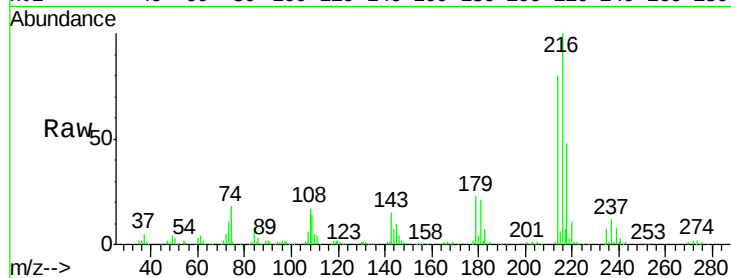
Ion Ratio Lower Upper

216 100

214 80.5 63.8 95.8

179 22.6 18.2 27.2

108 19.1 17.2 25.8

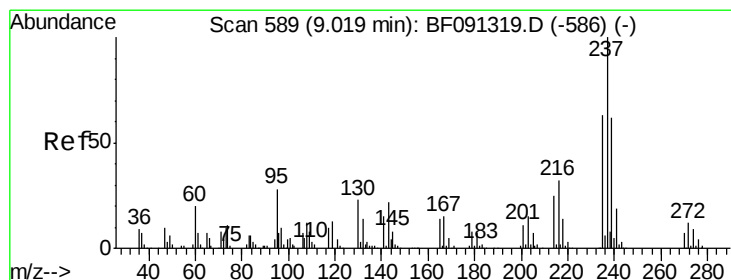
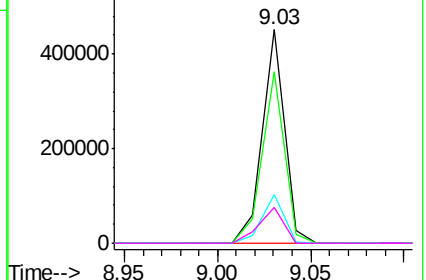
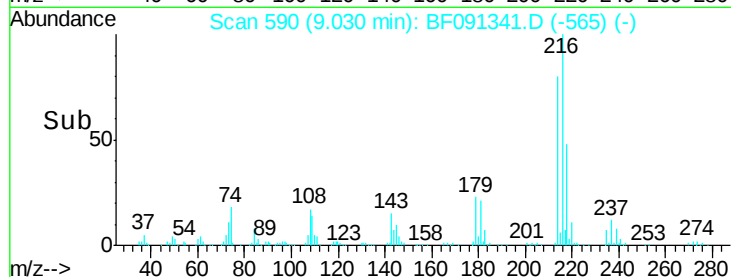


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.63 ng

RT: 9.02 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

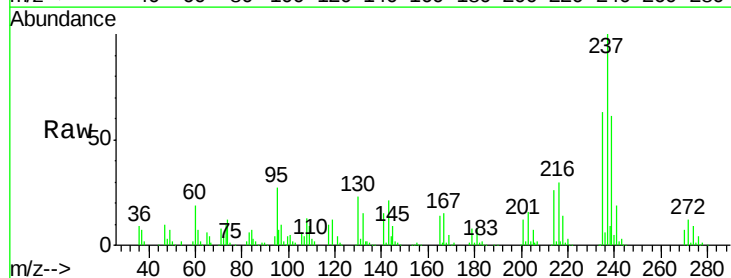
Tgt Ion:237 Resp: 178574

Ion Ratio Lower Upper

237 100

235 62.7 43.9 83.9

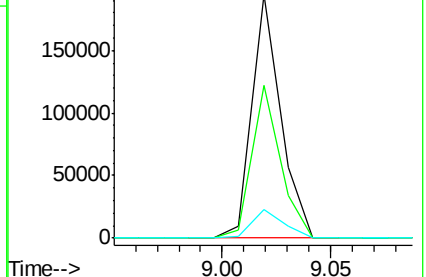
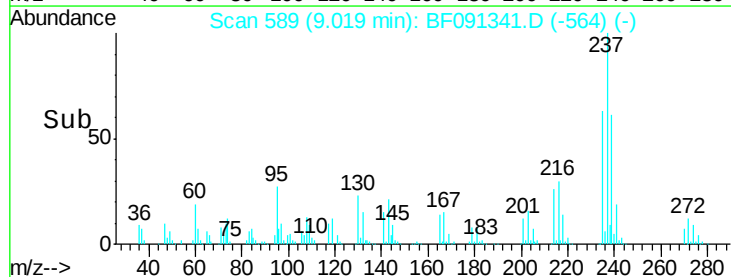
272 11.6 0.0 33.1

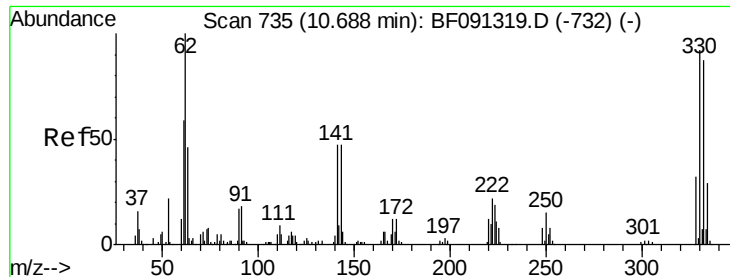


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

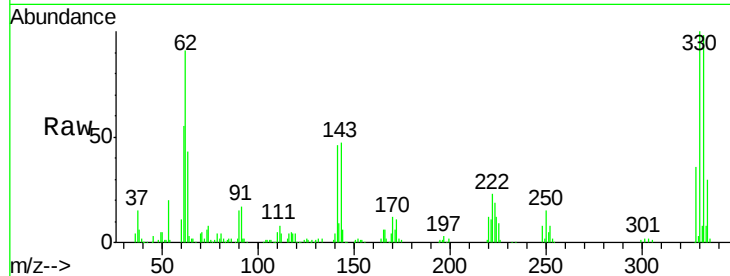




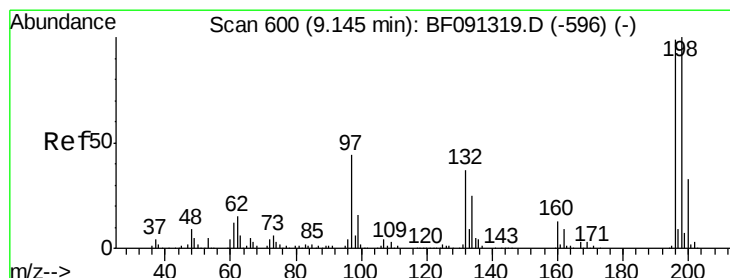
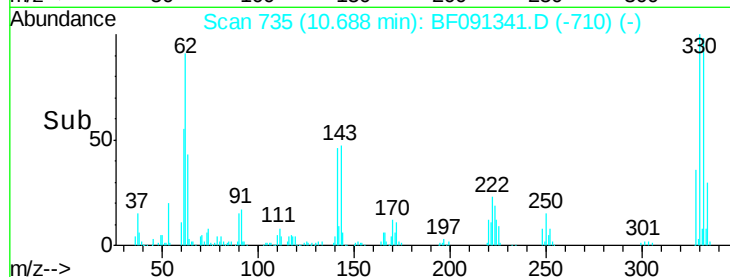
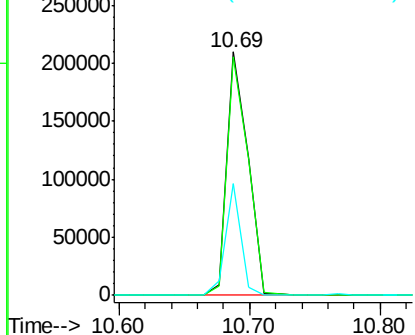
#41
 2,4,6-Tribromophenol
 Concen: 73.68 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.2	114.4
141	33.9	33.6	50.4

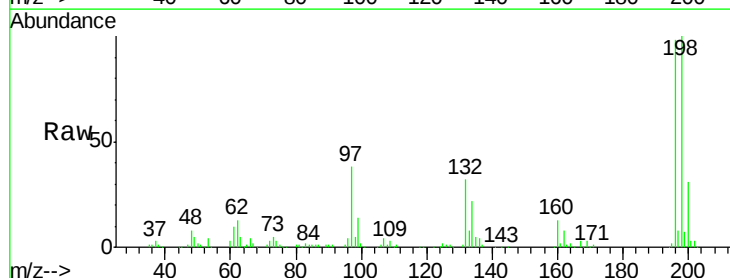


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

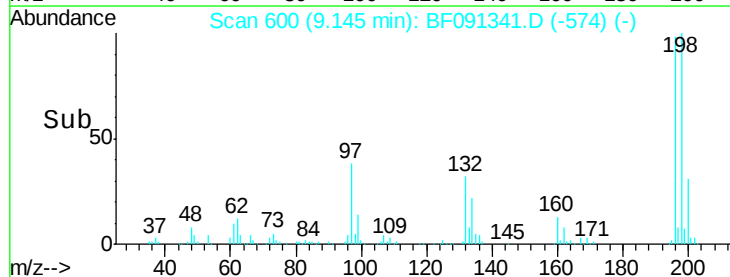
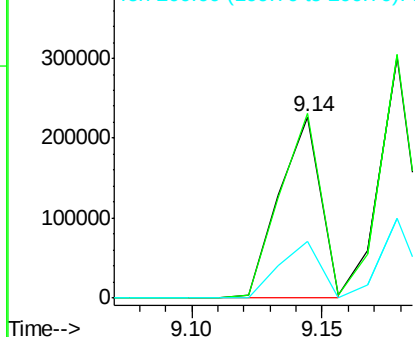


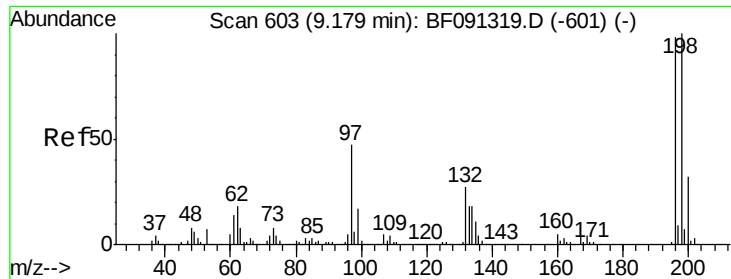
#42
 2,4,6-Trichlorophenol
 Concen: 40.34 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.9	77.4	116.0
200	31.5	25.2	37.8



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

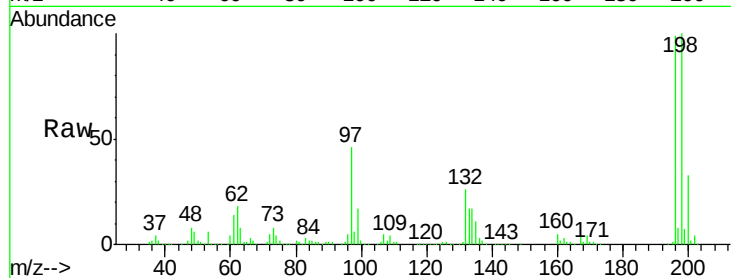




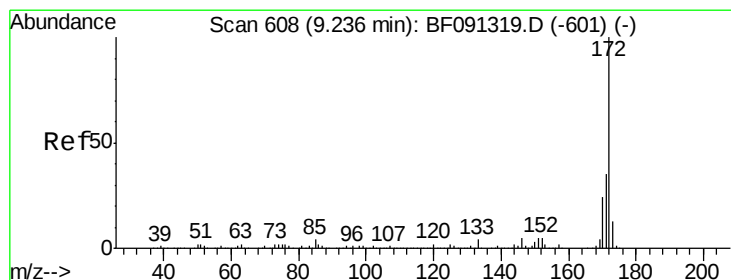
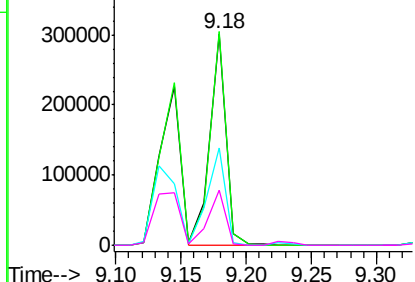
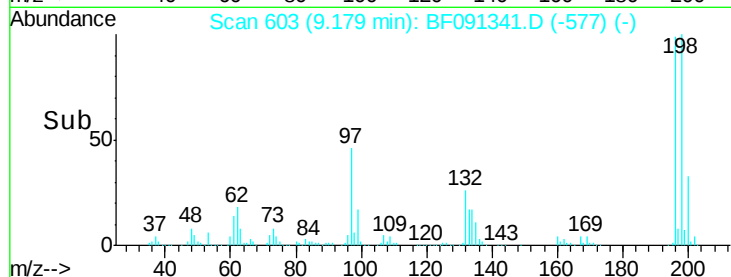
#43
2,4,5-Trichlorophenol
Concen: 42.38 ng
RT: 9.18 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 261742
Ion Ratio Lower Upper
196 100
198 100.9 77.0 115.6
97 46.0 33.5 50.3
132 25.9 20.5 30.7

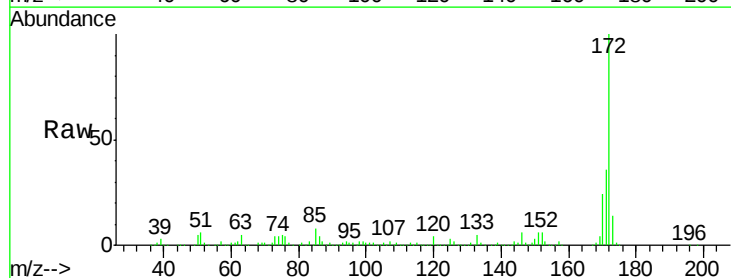


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

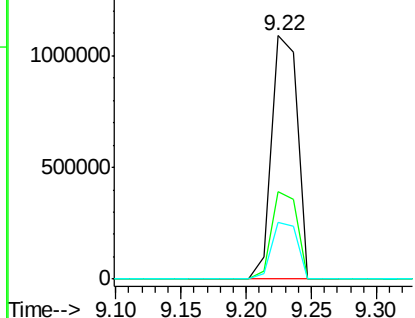
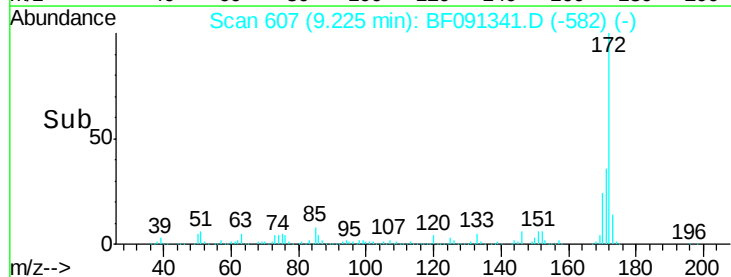


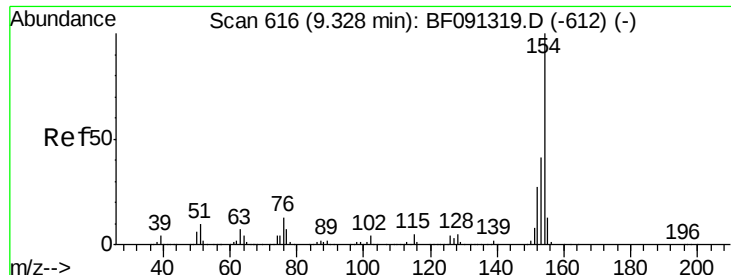
#44
2-Fluorobiphenyl
Concen: 81.52 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Tgt Ion:172 Resp: 1514212
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.6 19.7 29.5



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

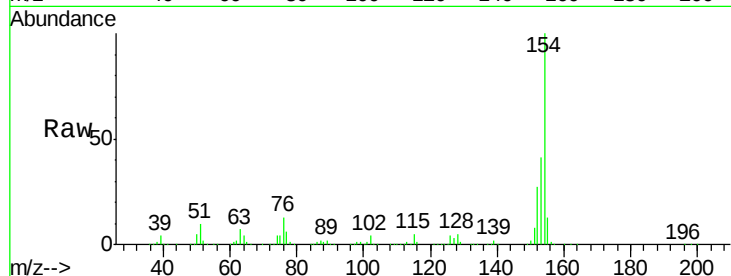




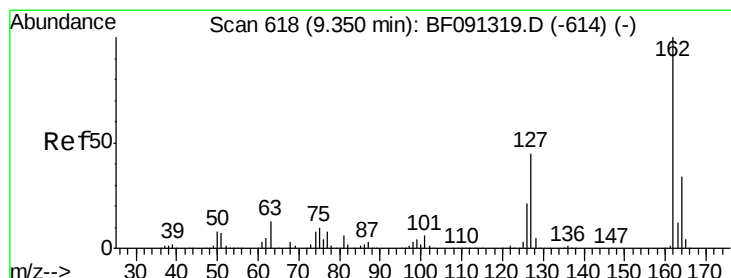
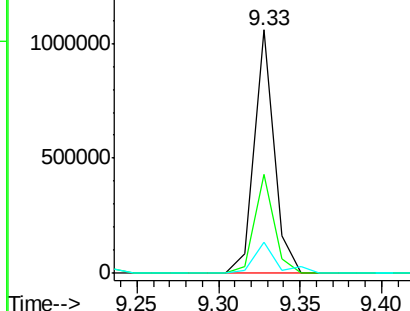
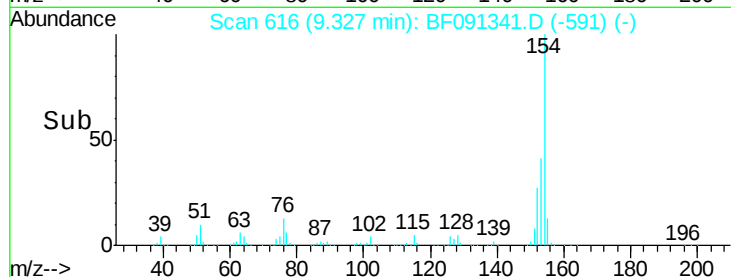
#45
 1,1'-Biphenyl
 Concen: 37.05 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	12.9	0.0	36.6

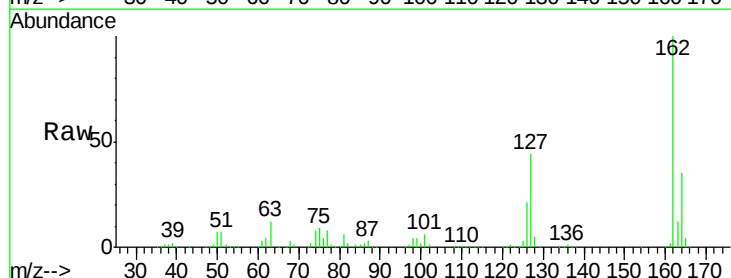


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

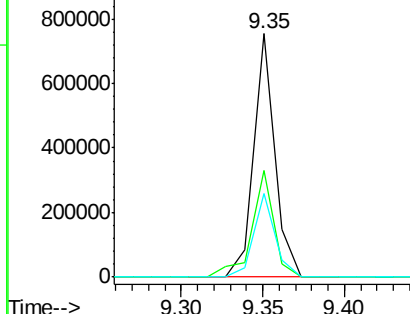
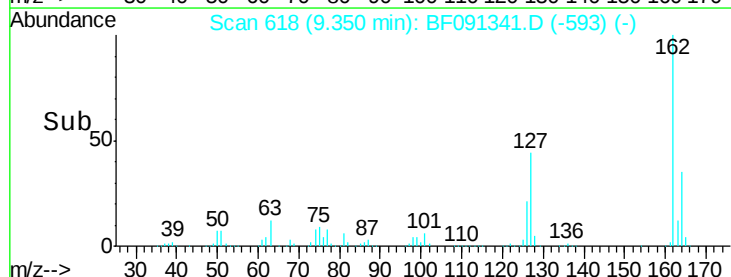


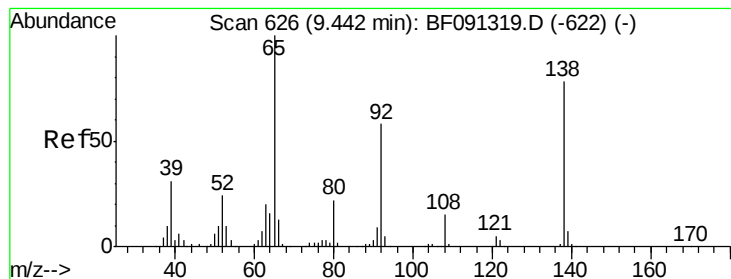
#46
 2-Chloronaphthalene
 Concen: 37.68 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.8	34.3	51.5
164	34.6	26.6	40.0



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: 37.42 ng

RT: 9.44 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampled :

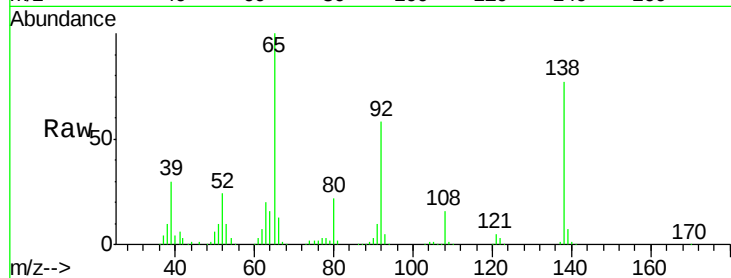
Tot Ion: 65 Resp: 242080

Ion Ratio Lower Upper

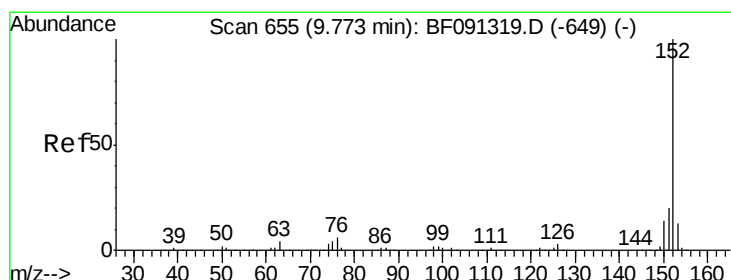
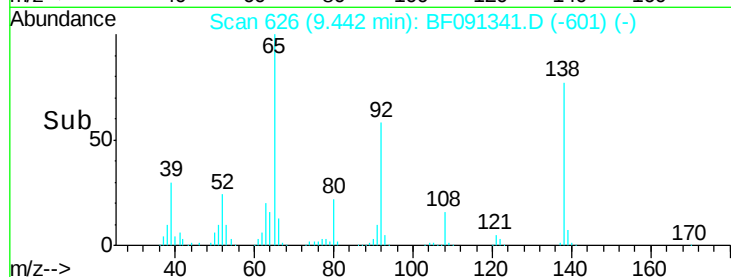
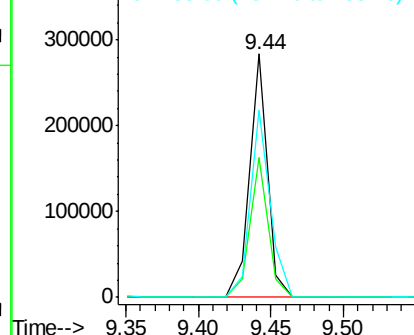
65 100

92 57.5 53.6 80.4

138 76.8 91.0 136.6#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 37.79 ng

RT: 9.76 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

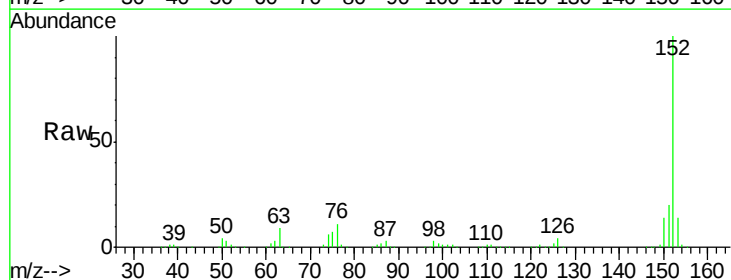
Tgt Ion: 152 Resp: 1071558

Ion Ratio Lower Upper

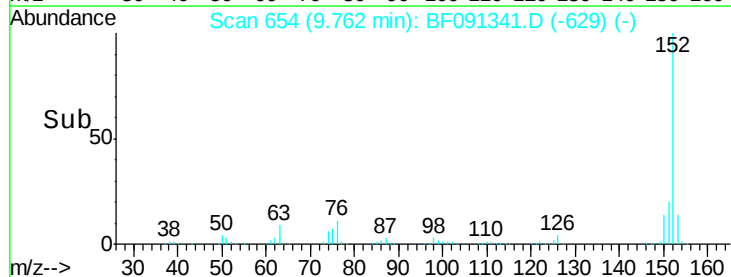
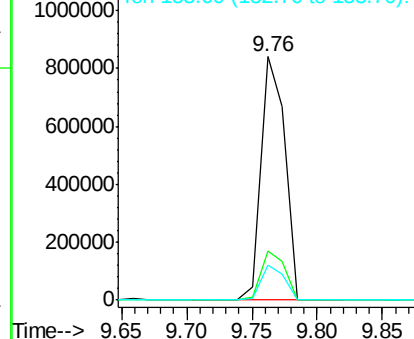
152 100

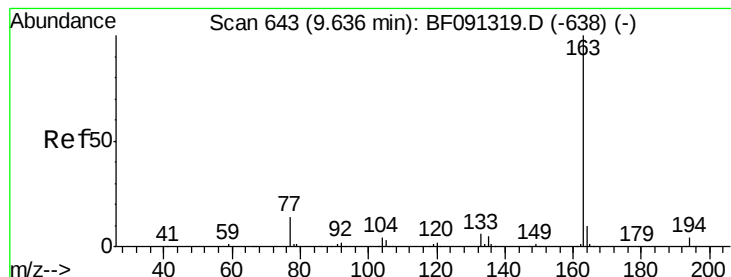
151 20.3 16.6 24.8

153 14.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.61 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampleId :

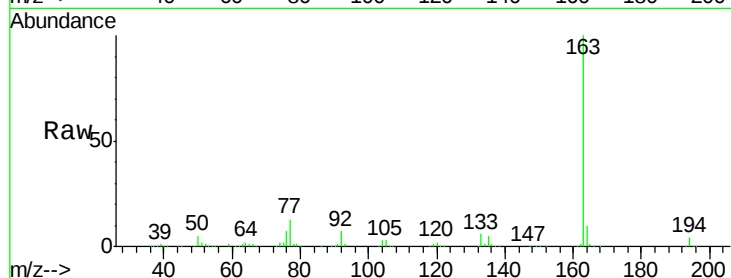
Tot Ion:163 Resp: 806703

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.4

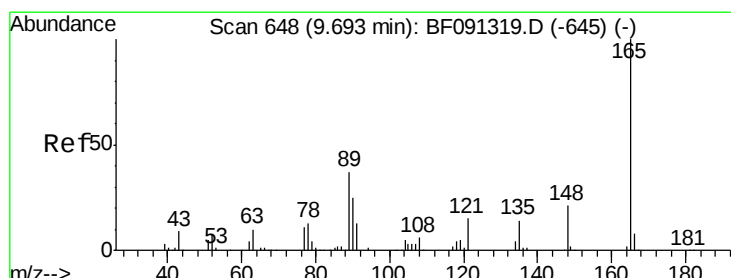
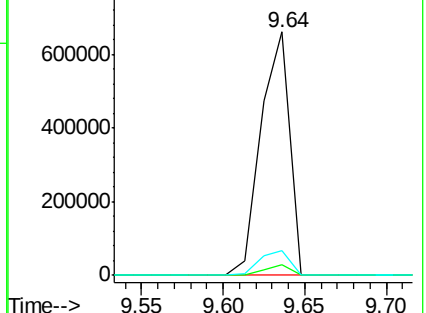
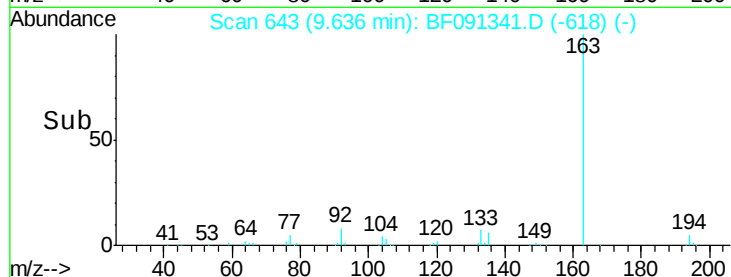
164 10.0 7.8 11.8



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: 40.26 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

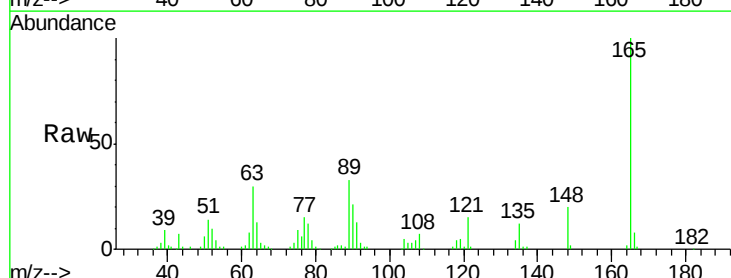
Tgt Ion:165 Resp: 183239

Ion Ratio Lower Upper

165 100

63 29.9 59.4 89.0#

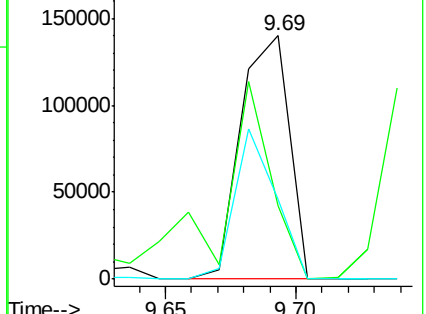
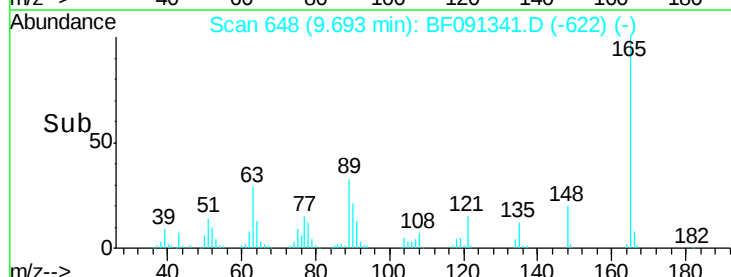
89 32.7 50.8 76.2#



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: 39.66 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampleId :

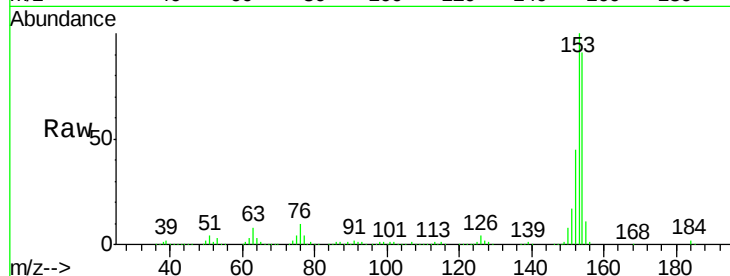
Tot Ion:154 Resp: 758423

Ion Ratio Lower Upper

154 100

153 110.3 91.0 136.6

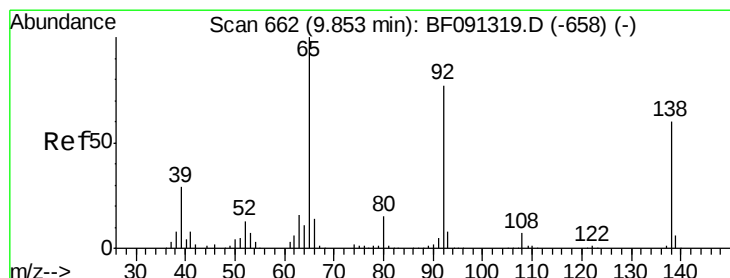
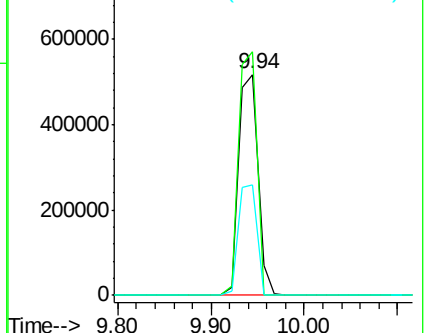
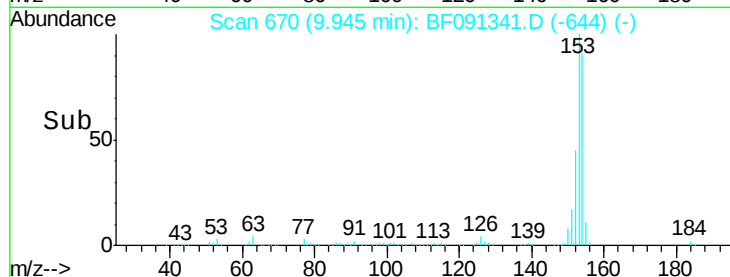
152 50.2 44.2 66.2



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: 36.37 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

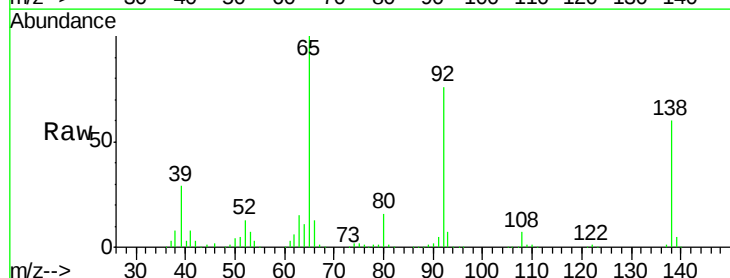
Tgt Ion:138 Resp: 191600

Ion Ratio Lower Upper

138 100

108 11.6 8.1 12.1

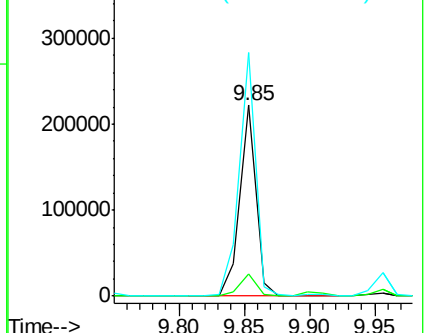
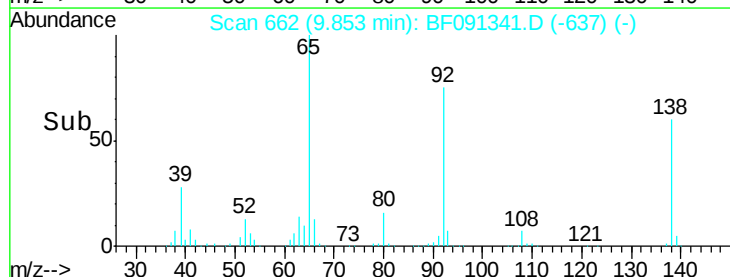
92 127.7 92.5 138.7

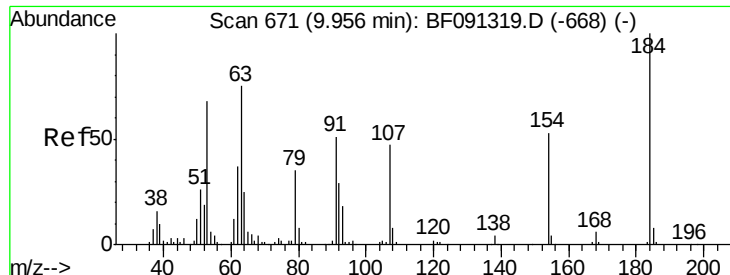


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

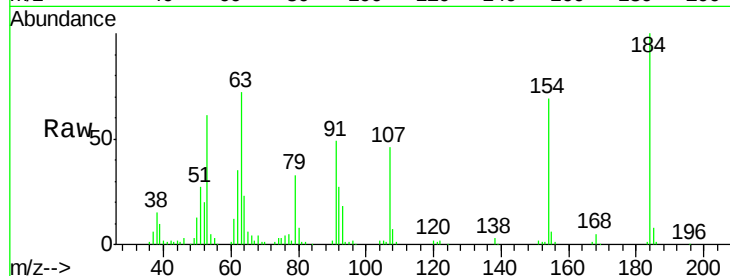




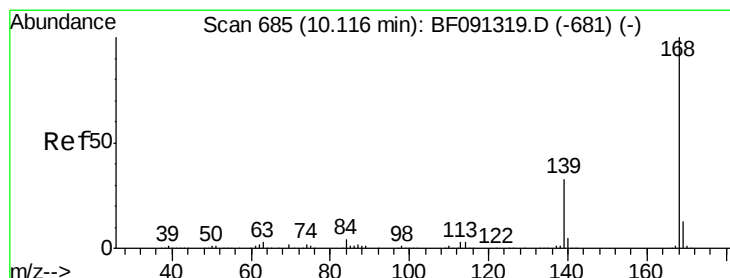
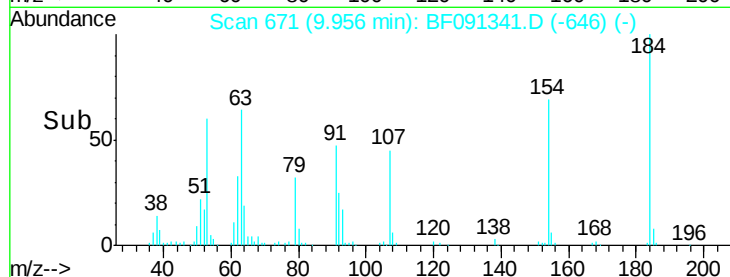
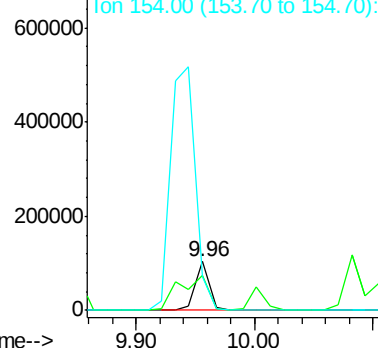
#53
2,4-Dinitrophenol
Concen: 42.24 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 84085
Ion Ratio Lower Upper
184 100
63 71.9 58.3 87.5
154 68.5 48.6 73.0

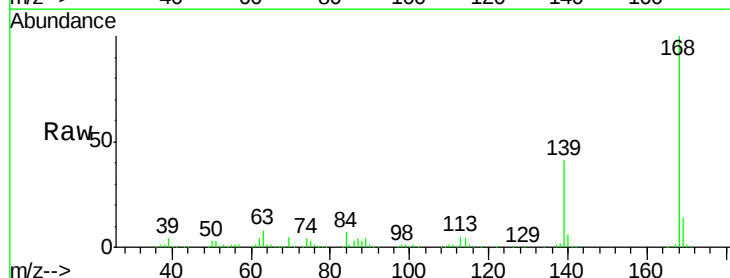


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

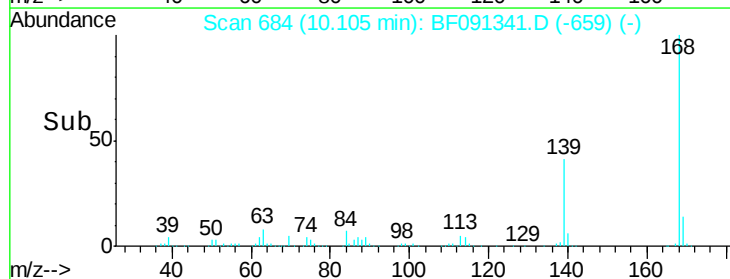
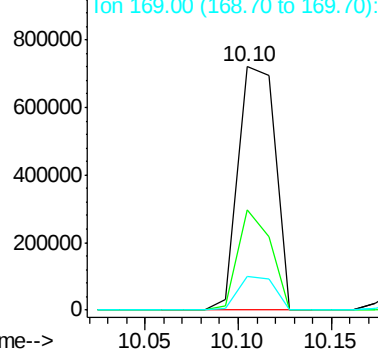


#54
Dibenzofuran
Concen: 38.78 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Tgt Ion:168 Resp: 992933
Ion Ratio Lower Upper
168 100
139 41.0 33.4 50.2
169 13.9 11.1 16.7



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

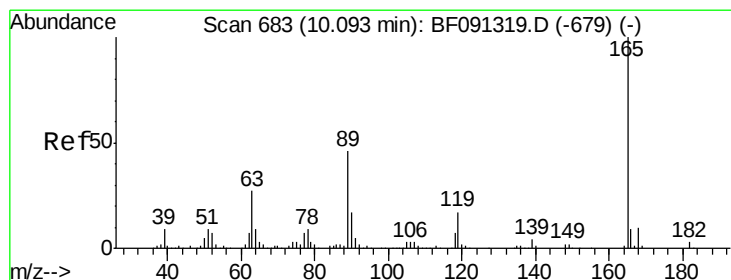
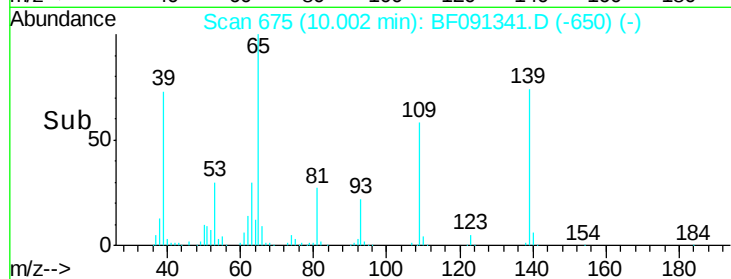
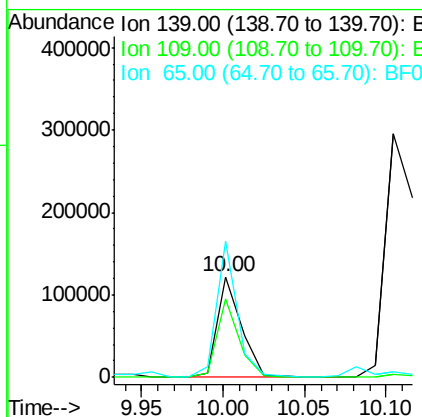
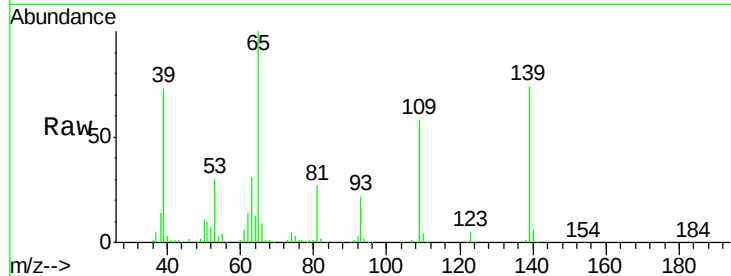




#55
4-Nitrophenol
Concen: 33.29 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

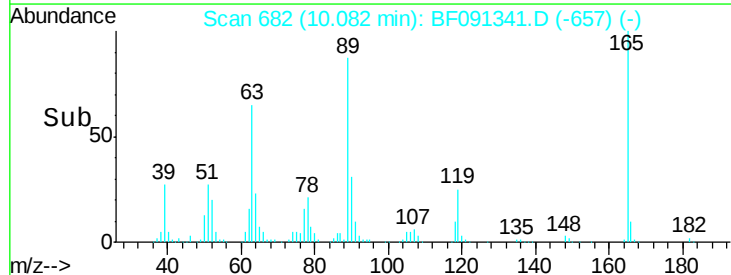
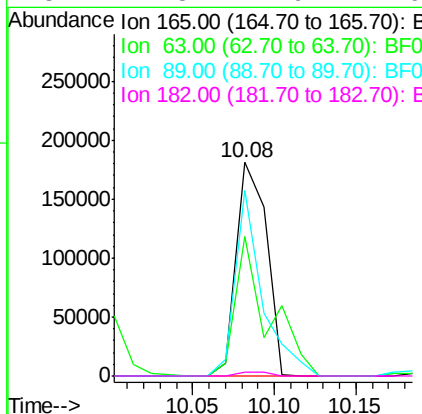
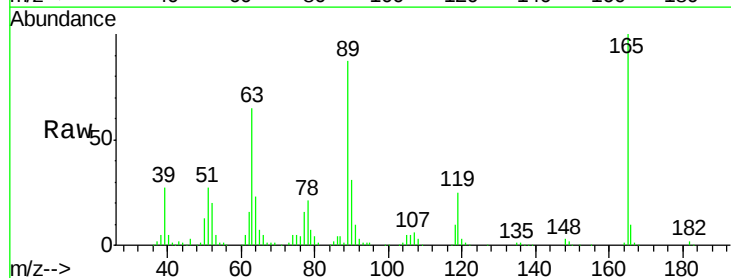
Instrument :
BNA_F
ClientSampleId :

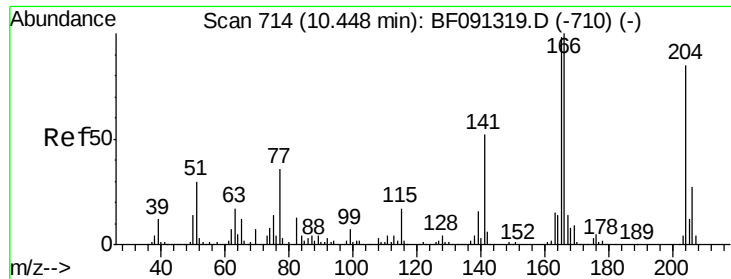
Tot Ion:139 Resp: 126693
Ion Ratio Lower Upper
139 100
109 77.3 54.9 94.9
65 134.5 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 39.12 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Tgt Ion:165 Resp: 231002
Ion Ratio Lower Upper
165 100
63 65.1 29.0 43.4#
89 86.9 43.1 64.7#
182 1.8 1.9 2.9#

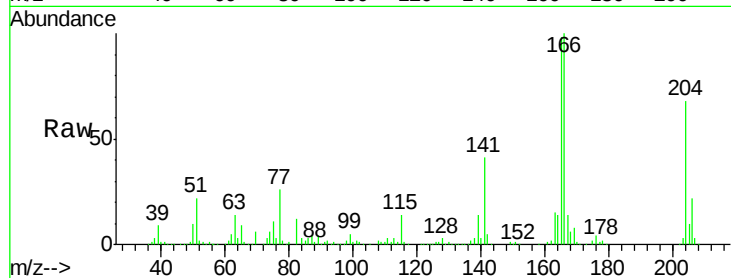




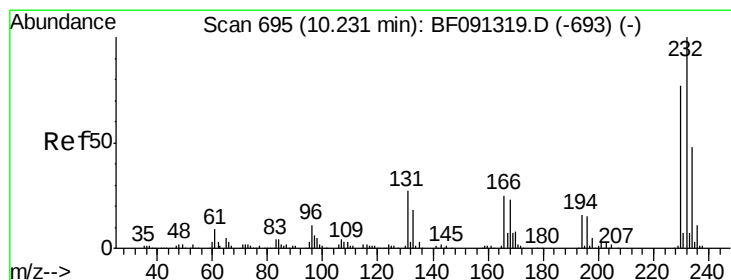
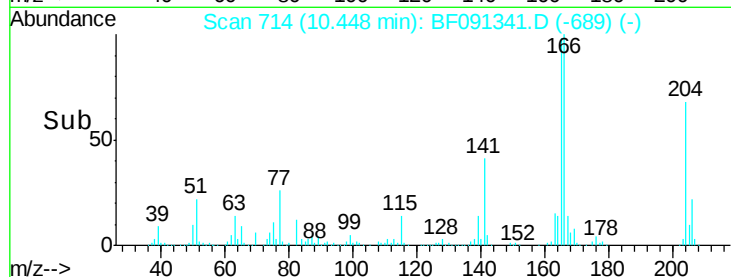
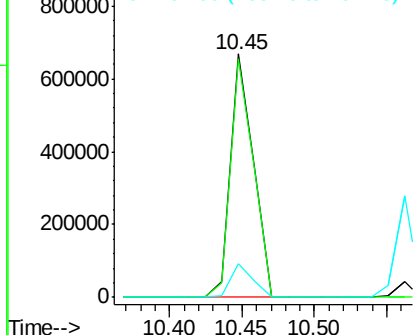
#57
Fluorene
 Concen: 37.03 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 728033
 Ion Ratio Lower Upper
 166 100
 165 97.9 80.0 120.0
 167 13.9 10.8 16.2

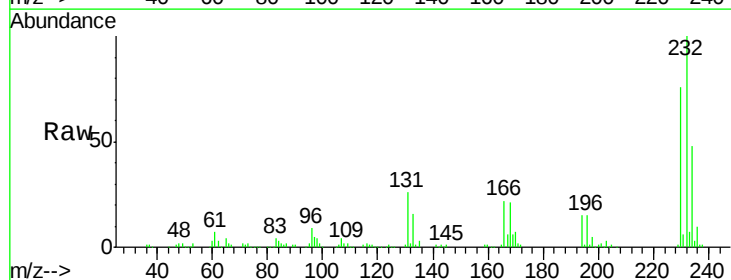


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

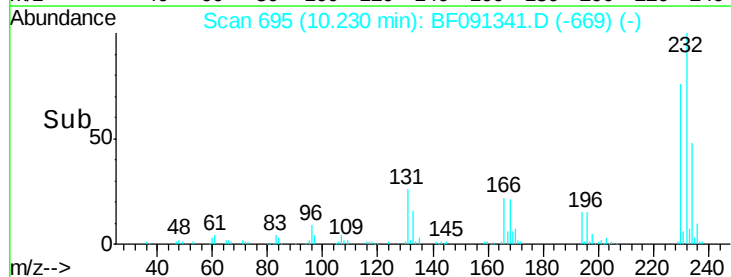
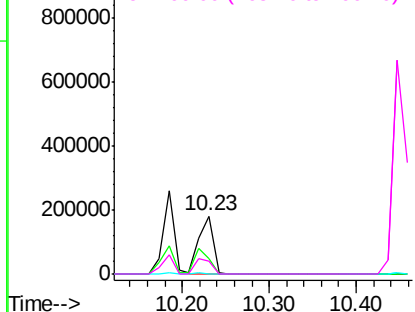


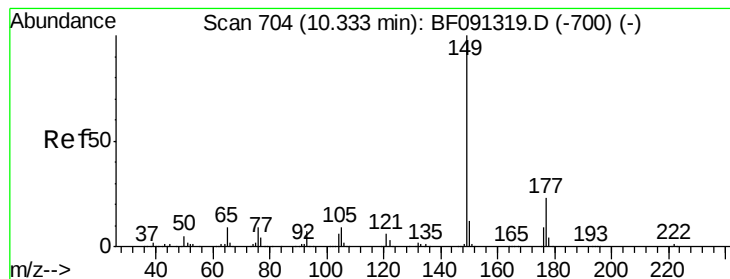
#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.53 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Tgt Ion:232 Resp: 208464
 Ion Ratio Lower Upper
 232 100
 131 42.9 38.4 57.6
 130 2.0 1.8 2.8
 166 29.4 23.9 35.9



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.39 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampled :

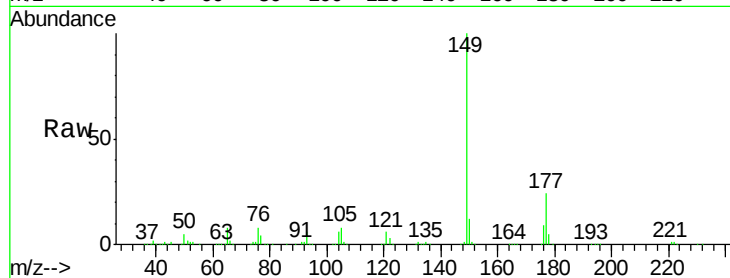
Tot Ion:149 Resp: 811944

Ion Ratio Lower Upper

149 100

177 24.1 15.7 23.5#

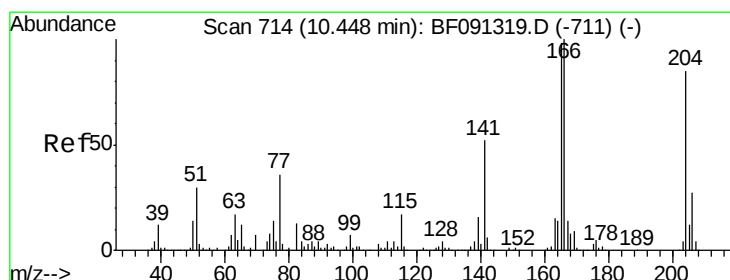
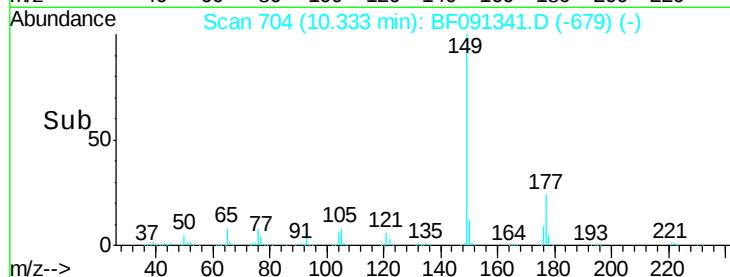
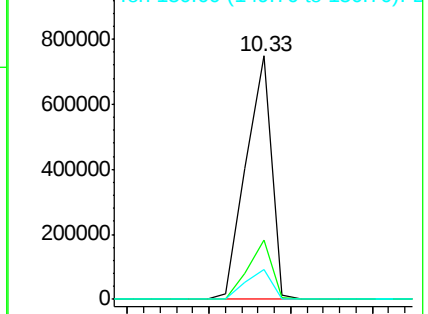
150 12.2 10.2 15.2



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: 37.86 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

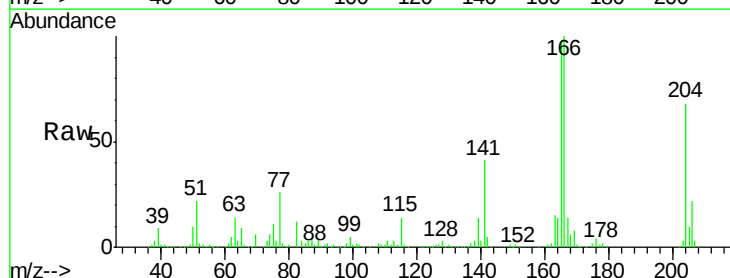
Tgt Ion:204 Resp: 373332

Ion Ratio Lower Upper

204 100

206 32.6 26.1 39.1

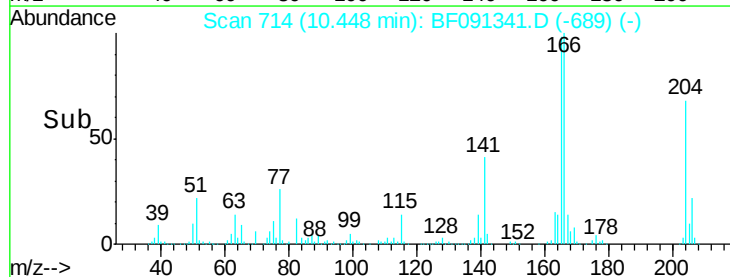
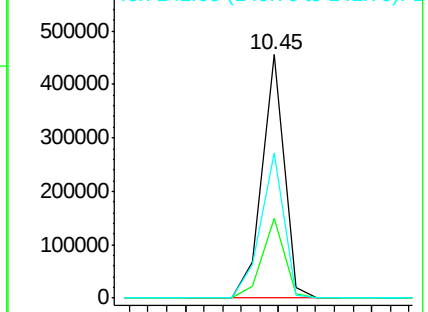
141 59.4 40.6 61.0

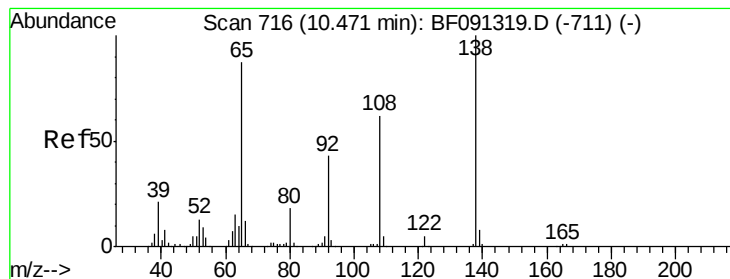


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.89 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampleId :

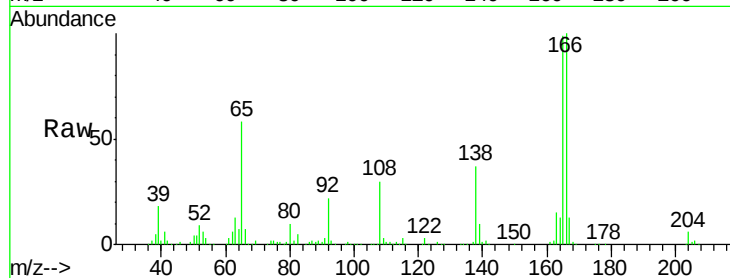
Tot Ion:138 Resp: 172599

Ion Ratio Lower Upper

138 100

92 58.5 26.9 66.9

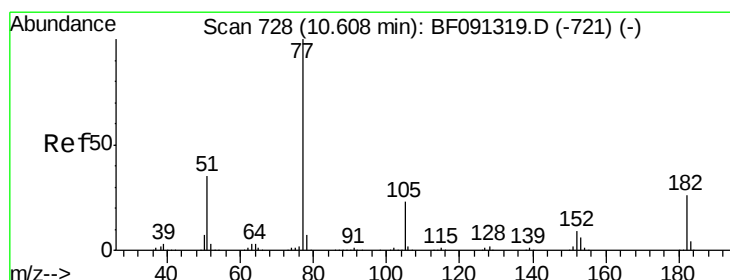
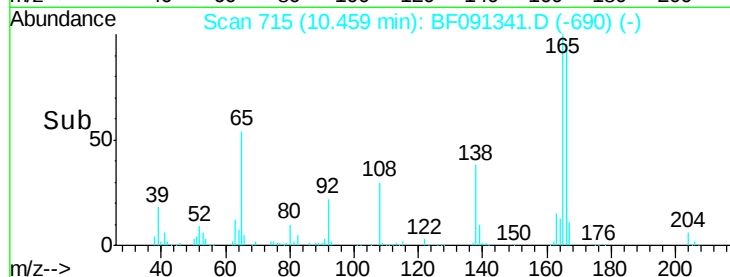
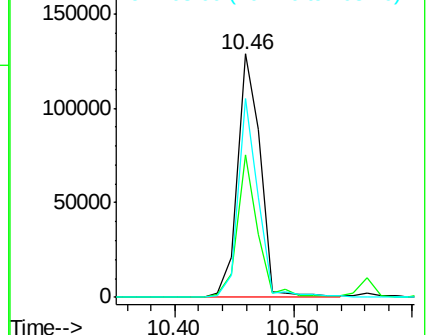
108 81.6 49.1 89.1



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: 43.05 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Tgt Ion: 77 Resp: 883056

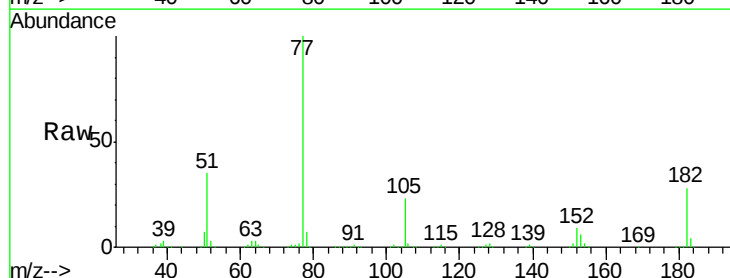
Ion Ratio Lower Upper

77 100

182 28.1 12.5 52.5

105 23.2 3.7 43.7

51 34.7 11.9 51.9

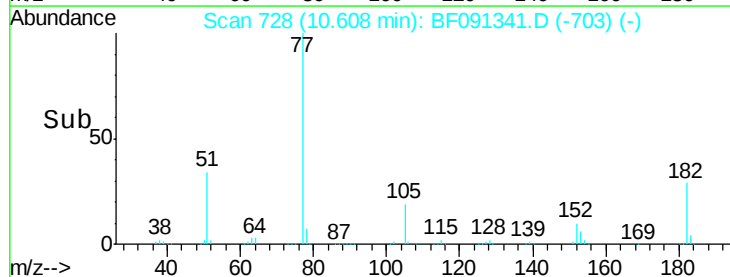
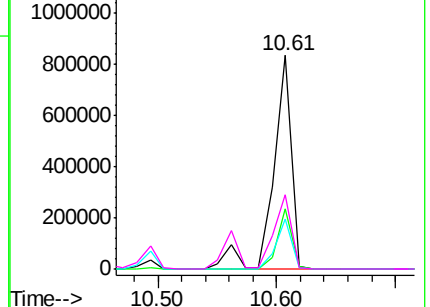


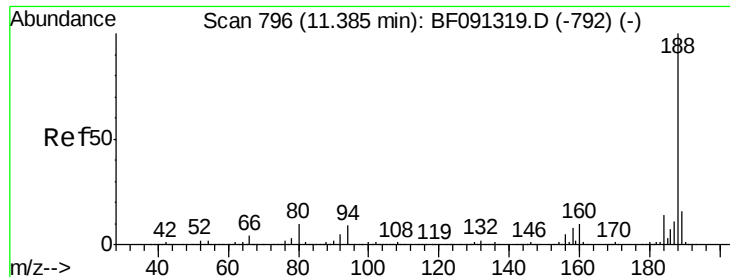
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

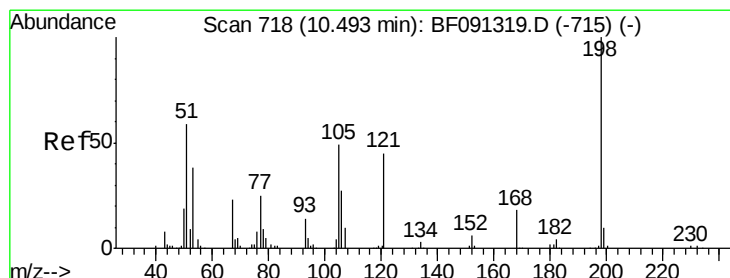
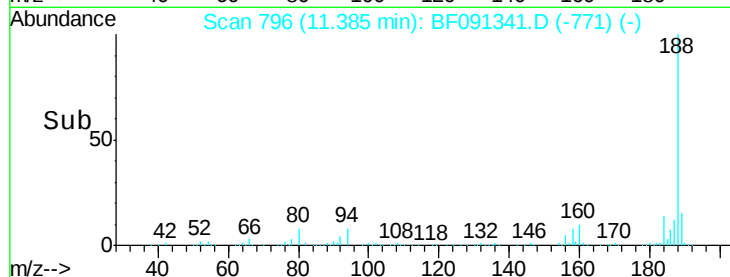
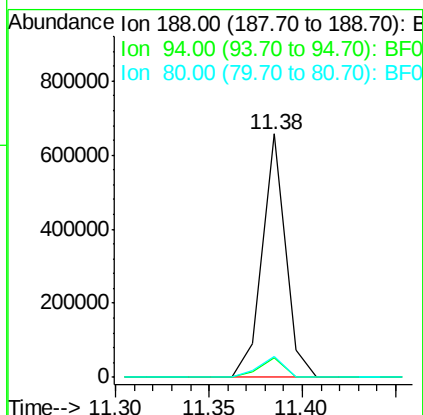
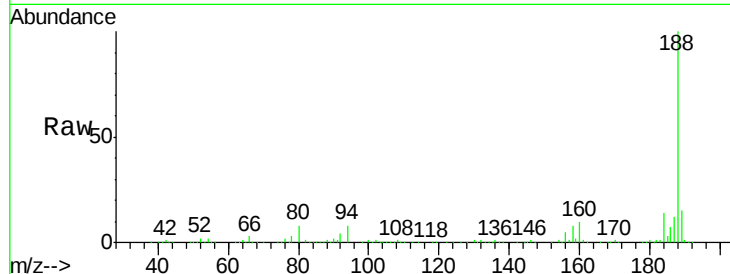




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

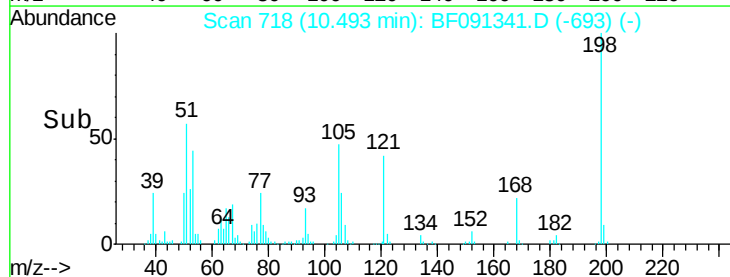
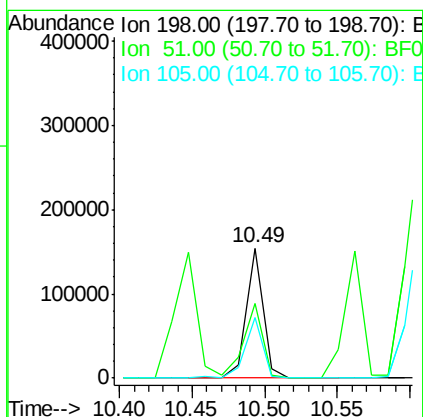
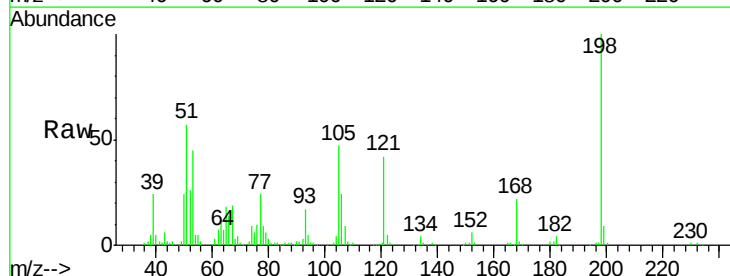
Instrument :
BNA_F
ClientSampleId :

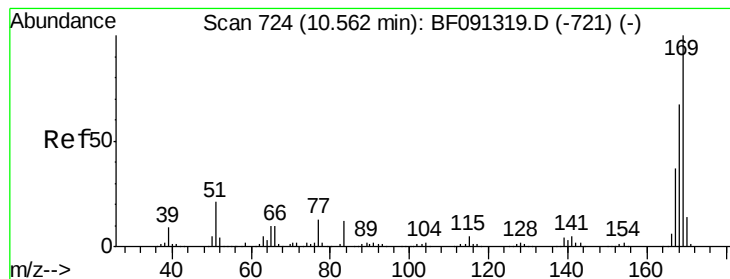
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.2	13.8#
80	8.4	10.5	15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.34 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Tgt Ion	Ratio	Lower	Upper
198	100		
51	57.0	77.1	117.1#
105	46.8	44.8	84.8

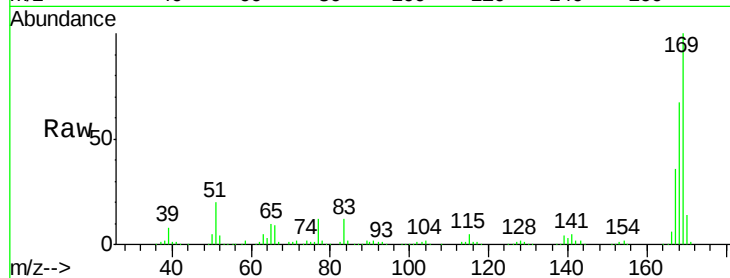




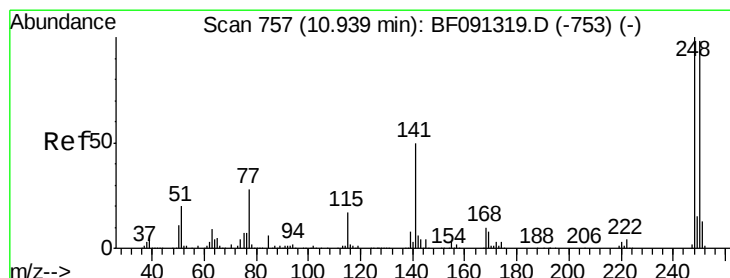
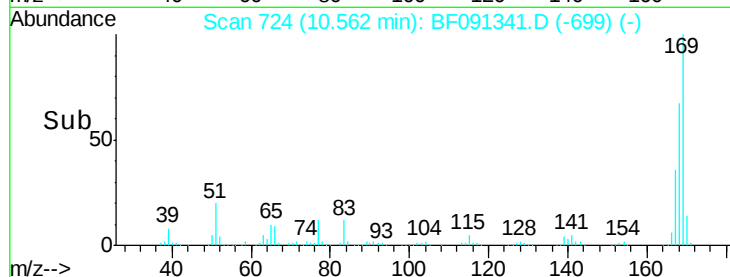
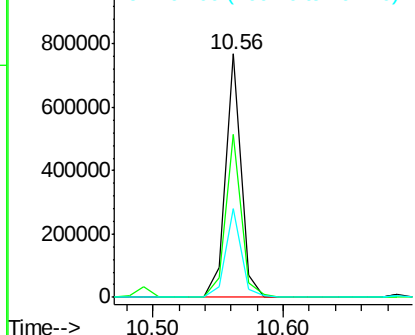
#65
 n-Nitrosodiphenylamine
 Concen: 37.58 ng
 RT: 10.56 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 644430
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.8 80.8
 167 36.4 29.8 44.8

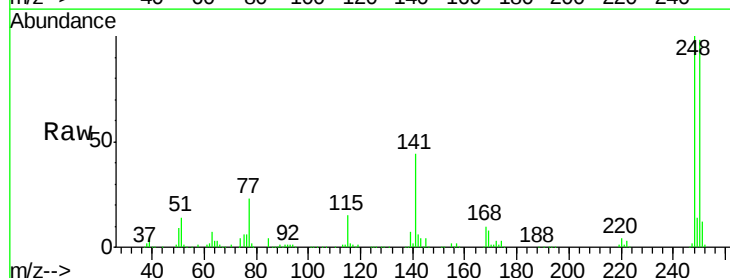


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

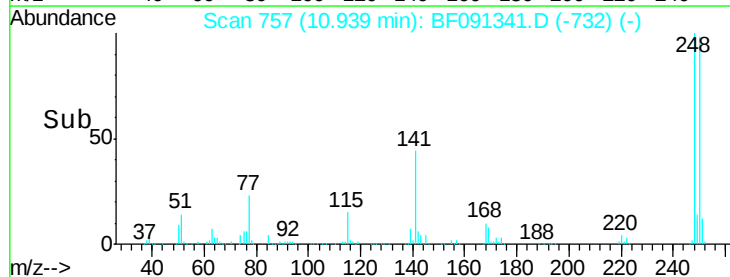
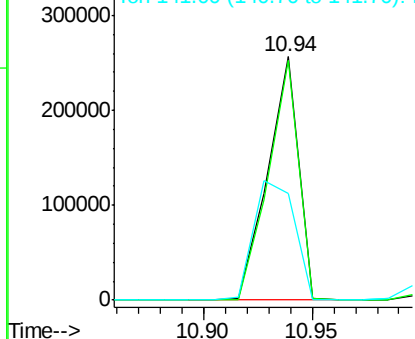


#66
 4-Bromophenyl-phenylether
 Concen: 42.00 ng
 RT: 10.94 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Tgt Ion:248 Resp: 255329
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.2 117.4
 141 43.9 71.9 107.9#



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

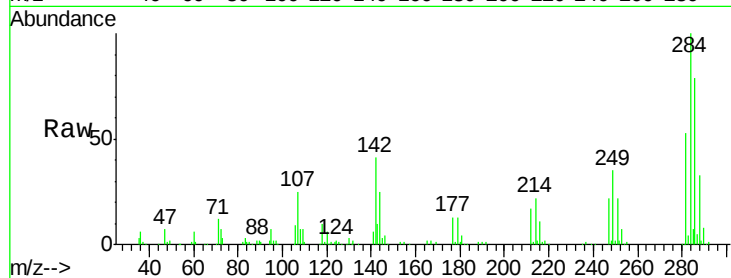




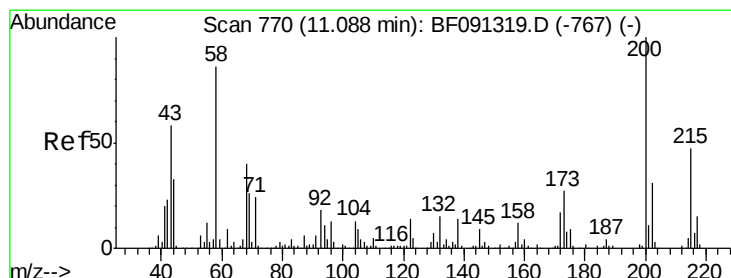
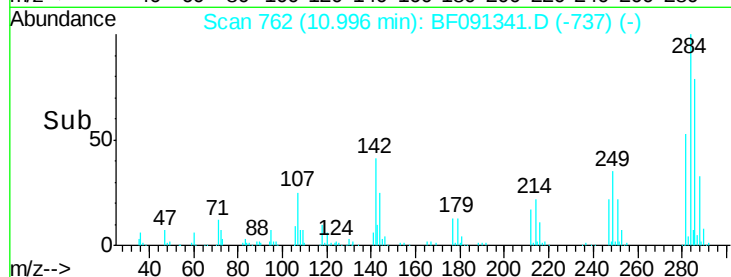
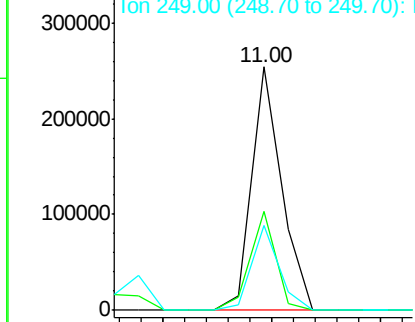
#67
Hexachlorobenzene
Concen: 36.85 ng
RT: 11.00 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.9	17.9	26.9
249	34.6	23.6	35.4

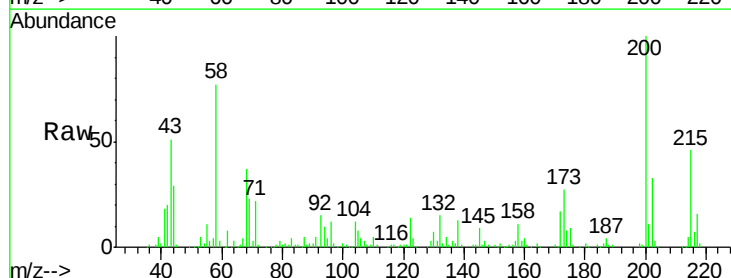


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

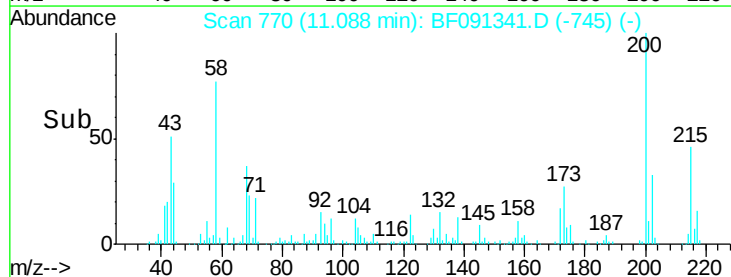
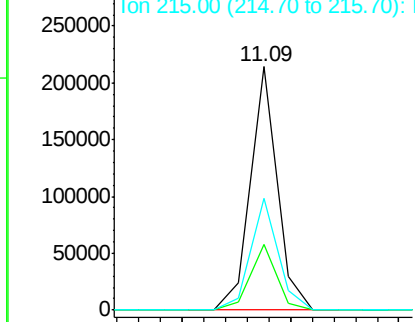


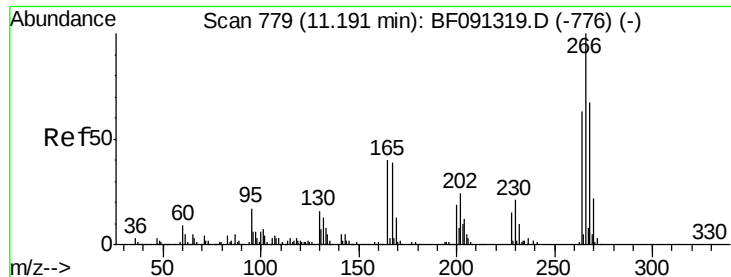
#68
Atrazine
Concen: 33.12 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.8	47.8
215	45.7	24.3	64.3



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

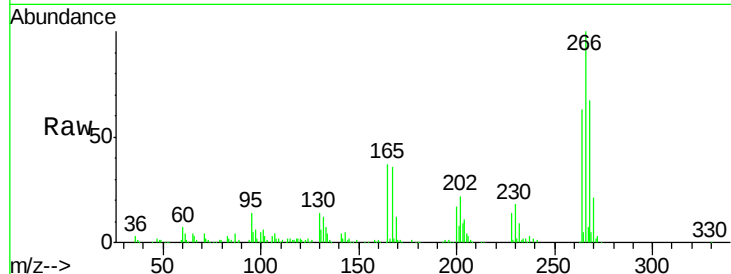




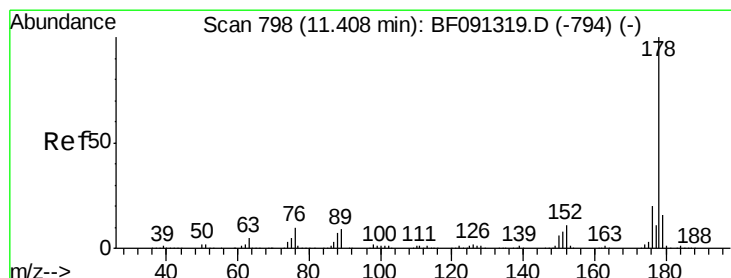
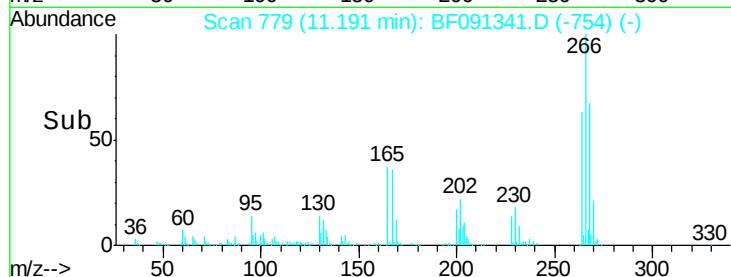
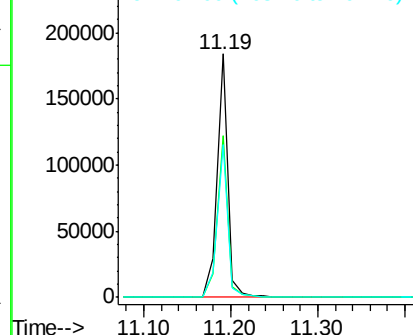
#69
 Pentachlorophenol
 Concen: 41.74 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 161436
 Ion Ratio Lower Upper
 266 100
 268 66.7 50.3 75.5
 264 62.7 48.2 72.2

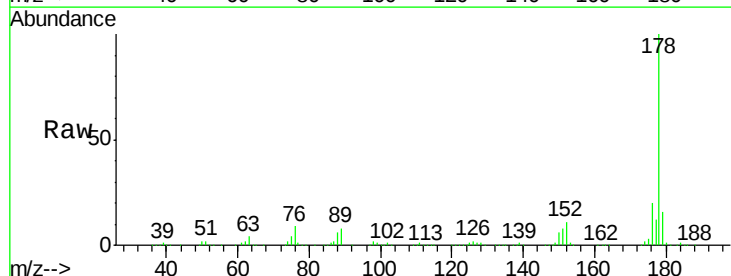


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

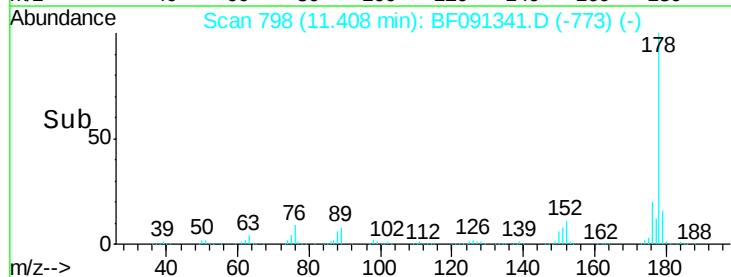
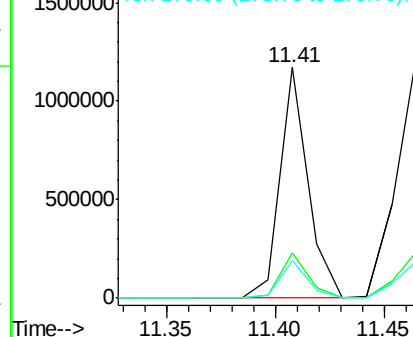


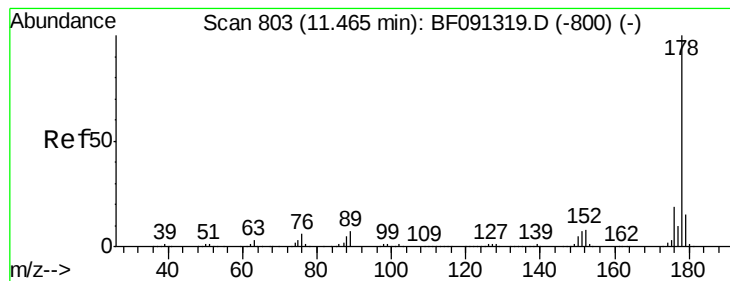
#70
 Phenanthrene
 Concen: 35.98 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Tgt Ion:178 Resp: 1057279
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.3 12.6 18.8



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





#71

Anthracene

Concen: 40.91 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

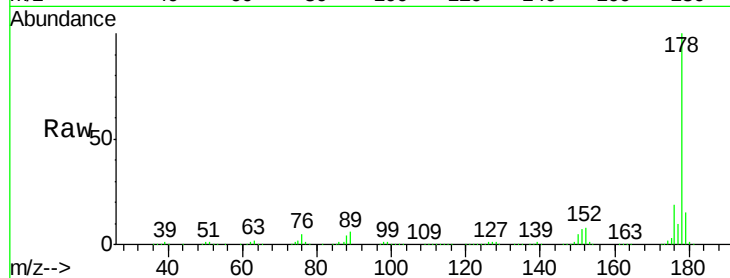
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1193303

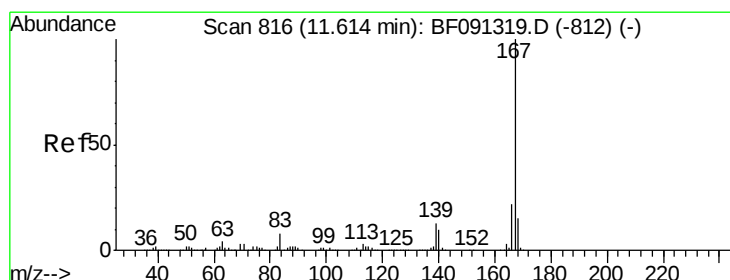
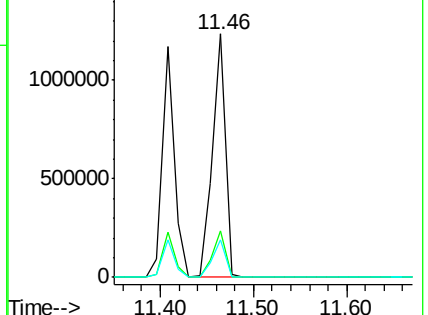
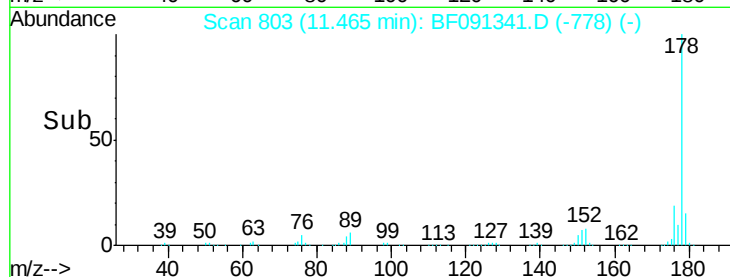
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.5	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.26 ng

RT: 11.61 min Scan# 816

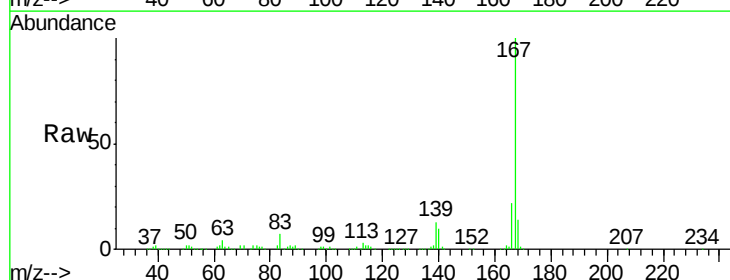
Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Tgt Ion:167 Resp: 986284

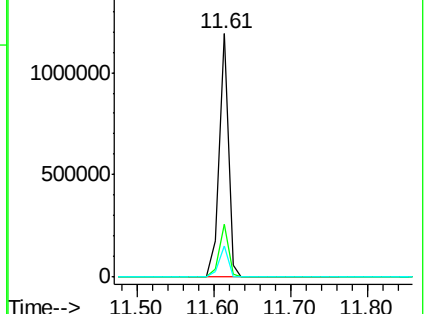
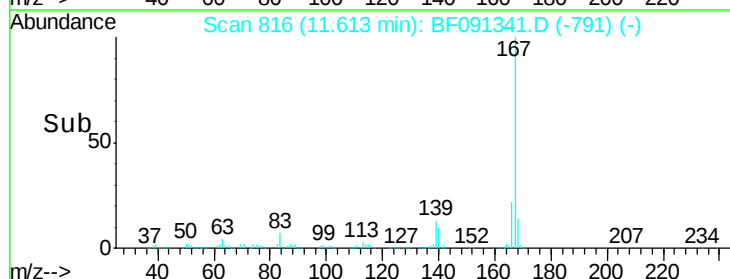
Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	12.8	11.5	17.3

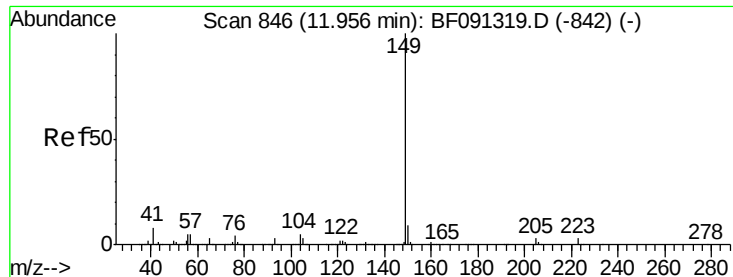


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.33 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampleId :

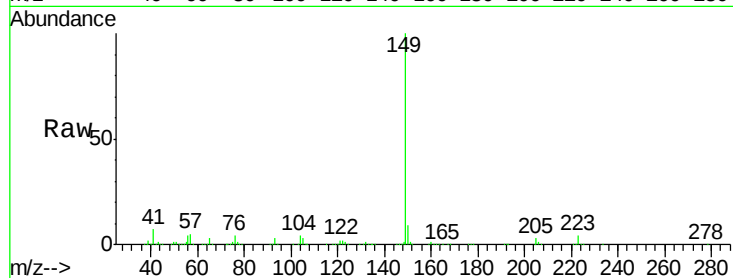
Tot Ion:149 Resp: 1209670

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

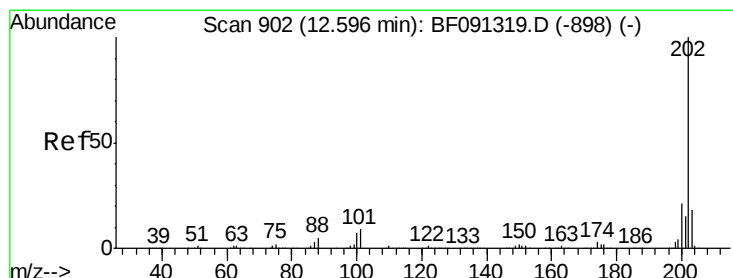
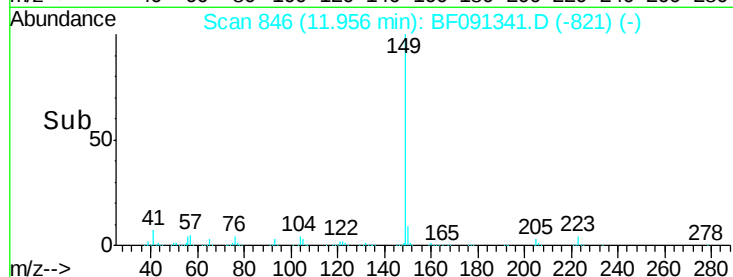
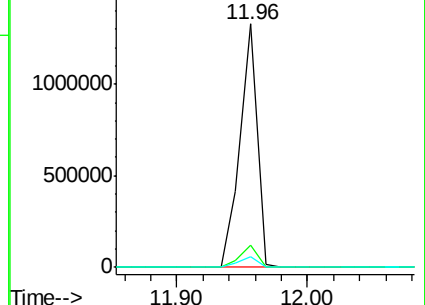
104 4.4 4.0 6.0



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: 41.26 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

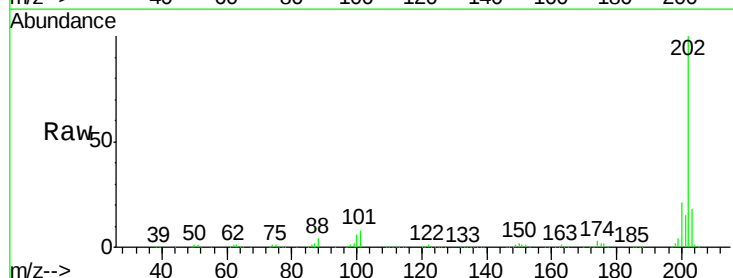
Tgt Ion:202 Resp: 1148539

Ion Ratio Lower Upper

202 100

101 8.1 0.0 29.5

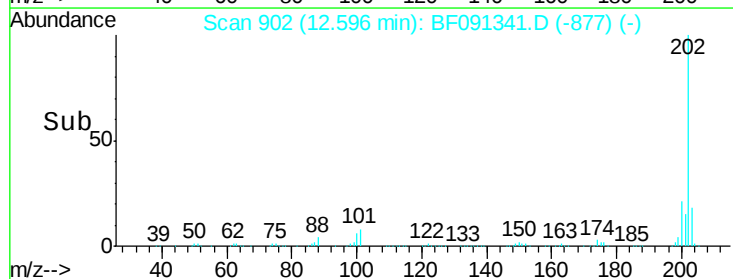
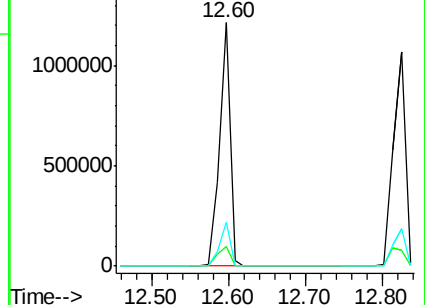
203 17.8 0.0 37.8

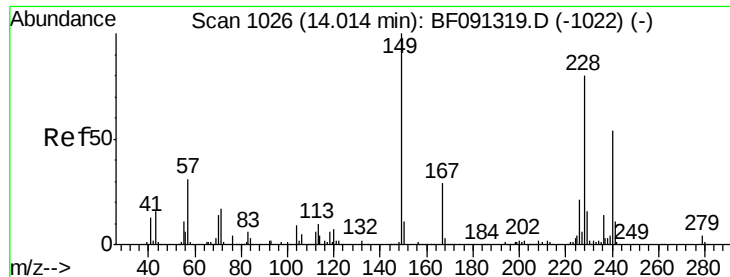


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampleId :

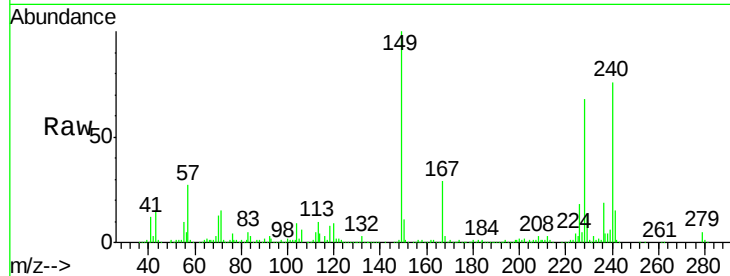
Tot Ion:240 Resp: 341420

Ion Ratio Lower Upper

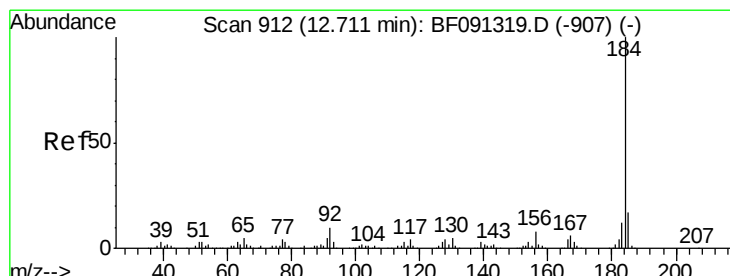
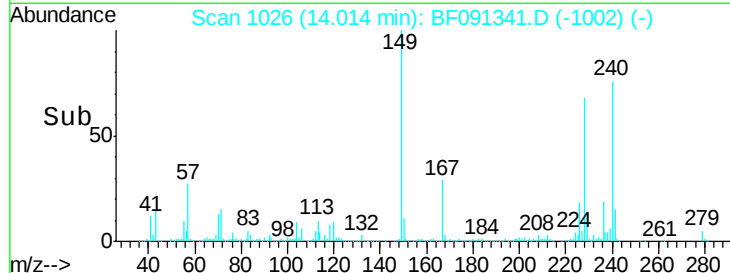
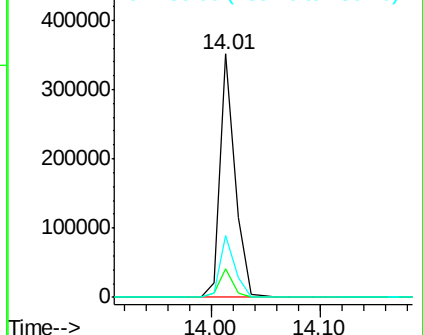
240 100

120 11.6 12.1 18.1#

236 25.3 21.0 31.6



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: 35.83 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

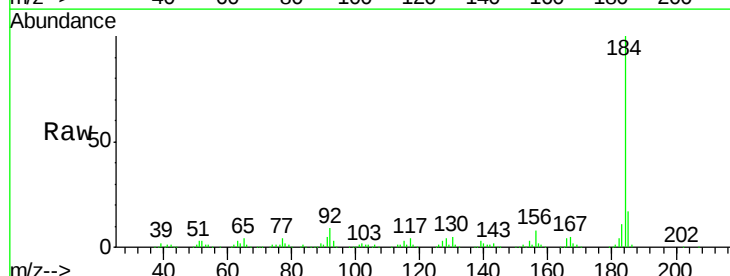
Tgt Ion:184 Resp: 359114

Ion Ratio Lower Upper

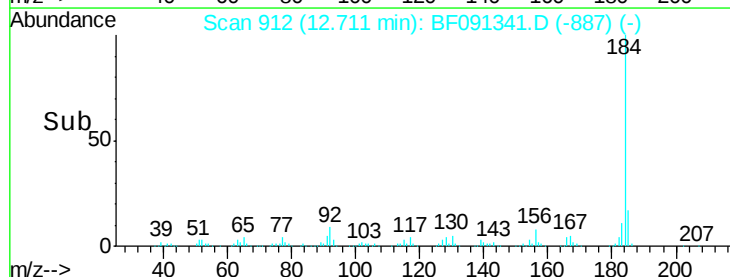
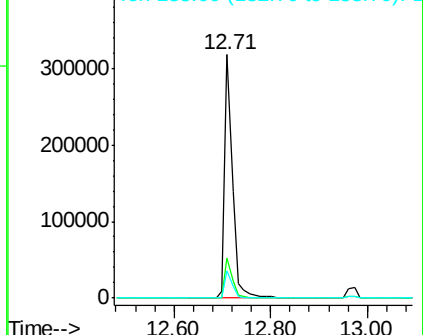
184 100

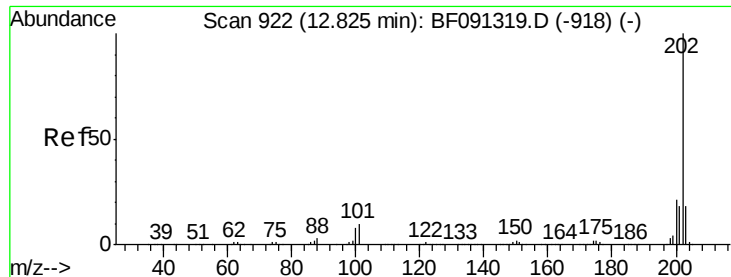
185 16.7 13.1 19.7

183 11.2 8.9 13.3



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

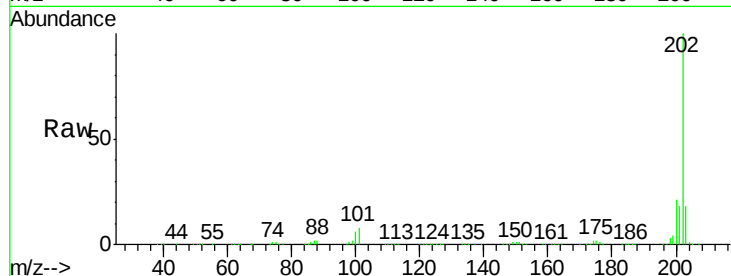




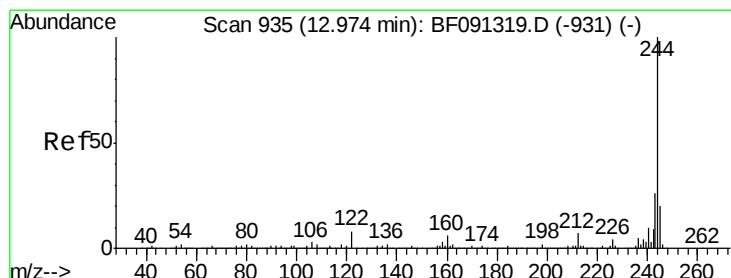
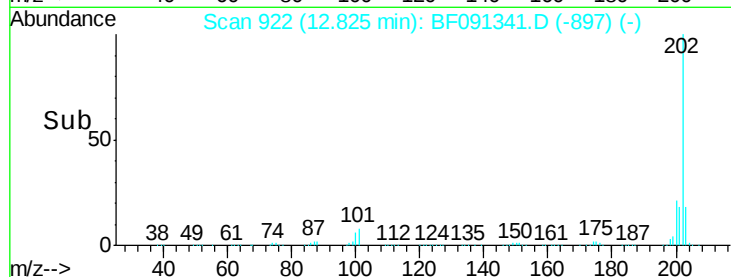
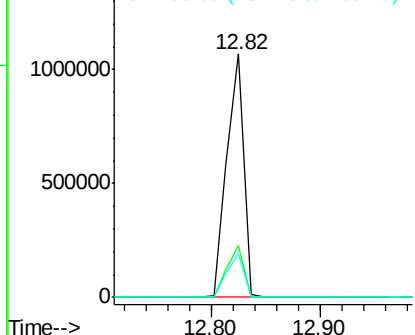
#77
Pvrene
Concen: 44.30 ng
RT: 12.82 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1147806
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.8 14.0 21.0

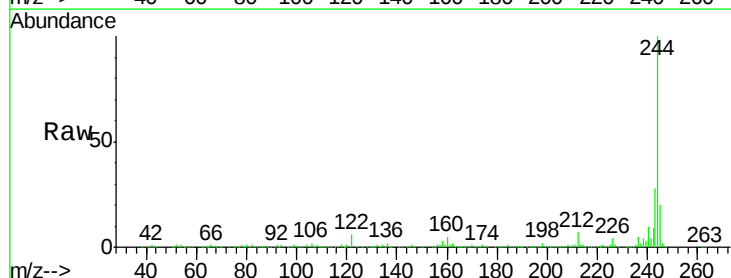


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

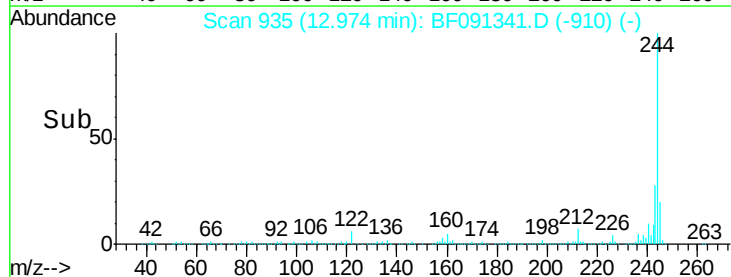
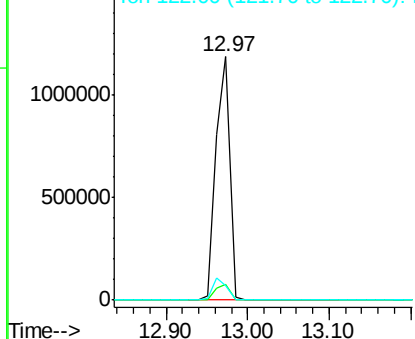


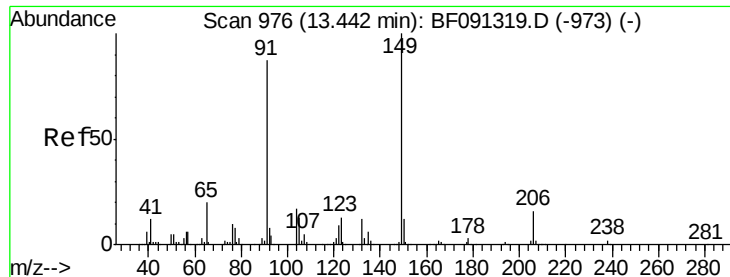
#78
Terphenyl-d14
Concen: 89.17 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Tgt Ion:244 Resp: 1400726
Ion Ratio Lower Upper
244 100
212 6.5 6.5 9.7
122 6.1 9.5 14.3#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

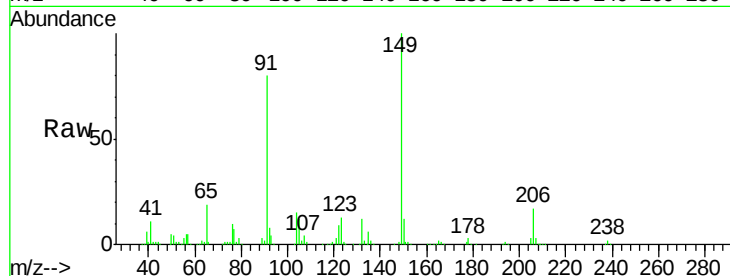




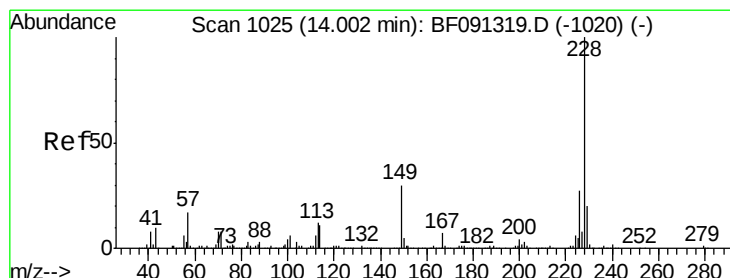
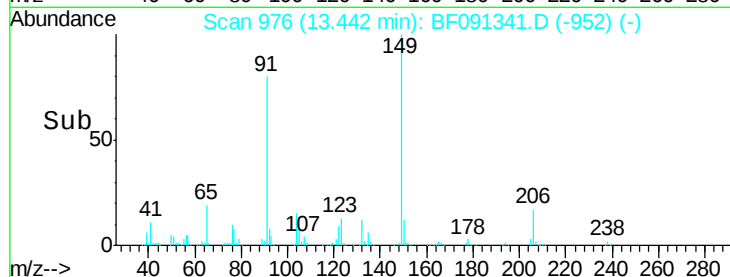
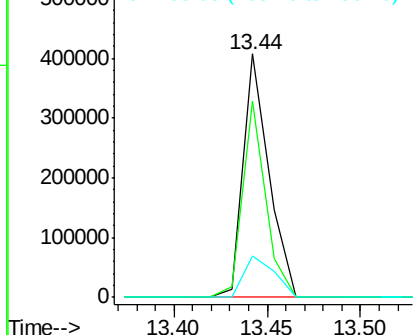
#79
Butylbenzylphthalate
Concen: 40.25 ng
RT: 13.44 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 390520
Ion Ratio Lower Upper
149 100
91 80.5 57.4 86.2
206 17.1 15.4 23.2

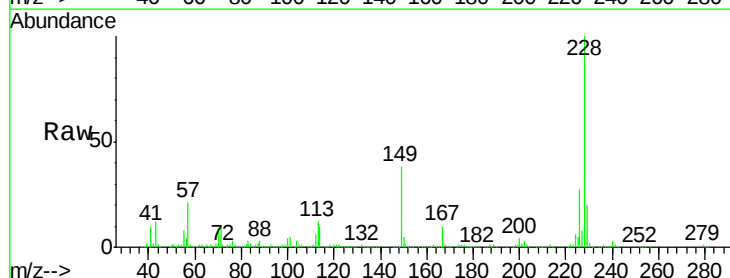


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

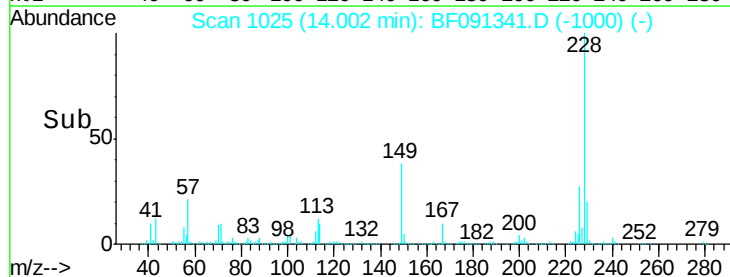
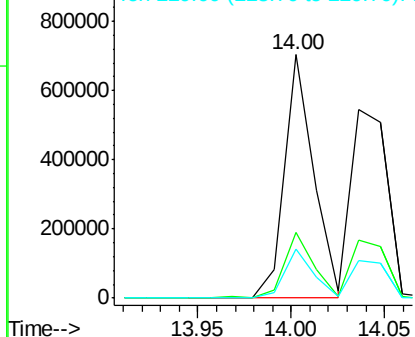


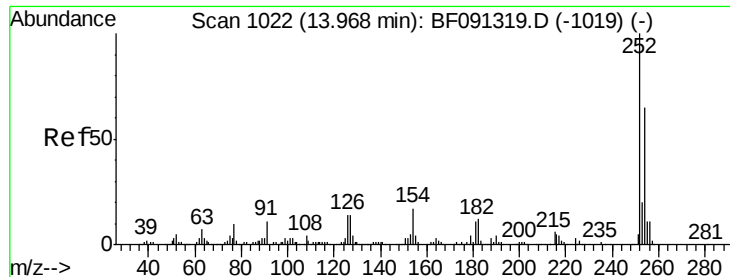
#80
Benzo(a)anthracene
Concen: 38.57 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Tgt Ion:228 Resp: 770048
Ion Ratio Lower Upper
228 100
226 27.0 22.5 33.7
229 20.0 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 37.92 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampleId :

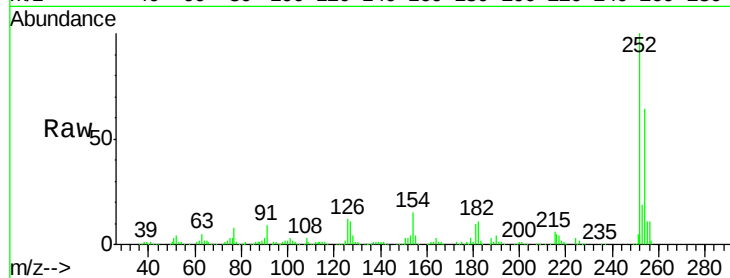
Tot Ion:252 Resp: 266698

Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

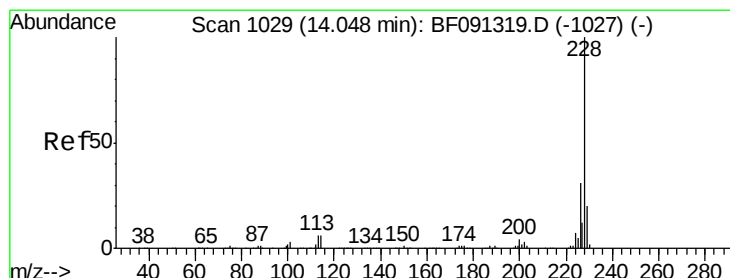
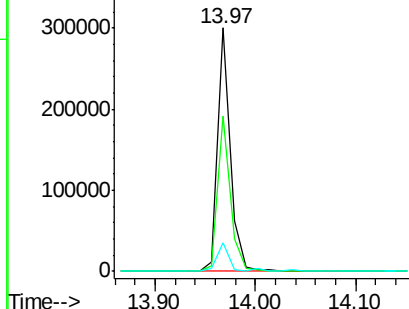
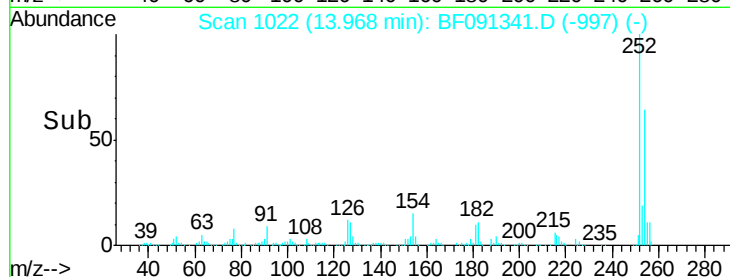
126 11.7 7.5 11.3#



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: 37.56 ng

RT: 14.04 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

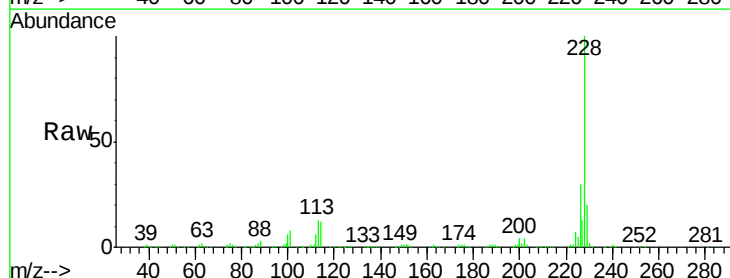
Tgt Ion:228 Resp: 742034

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.4

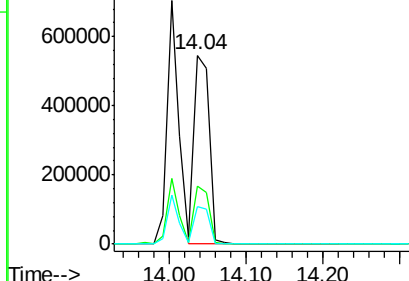
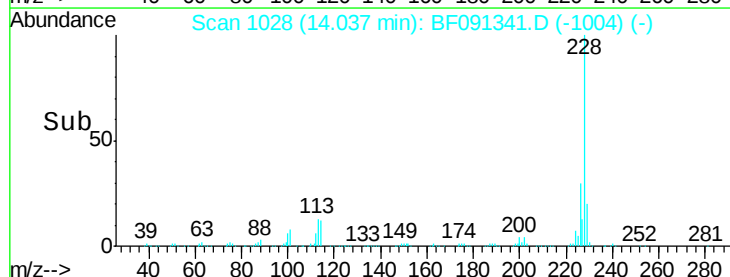
229 19.9 16.0 24.0



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

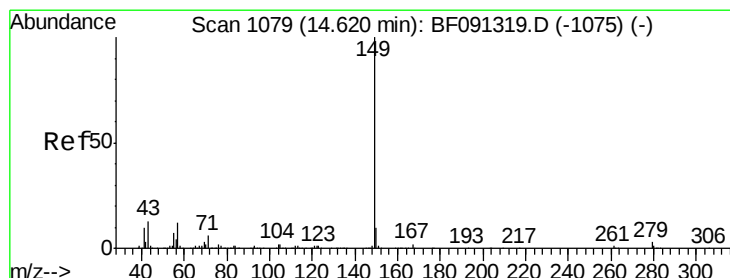
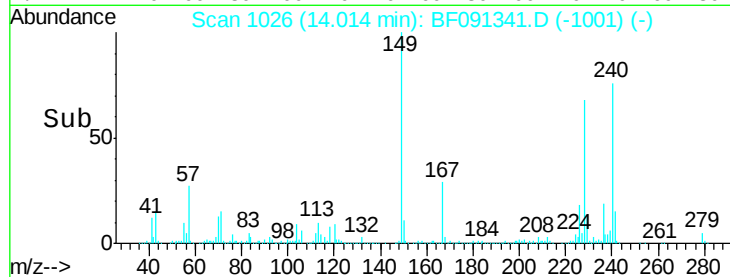
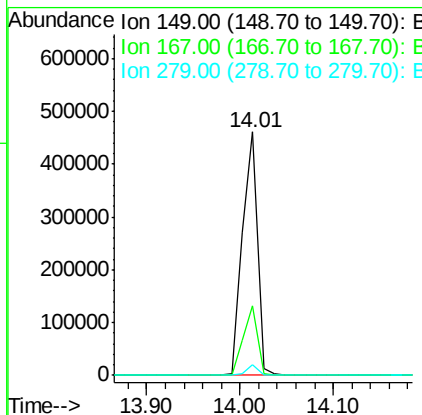
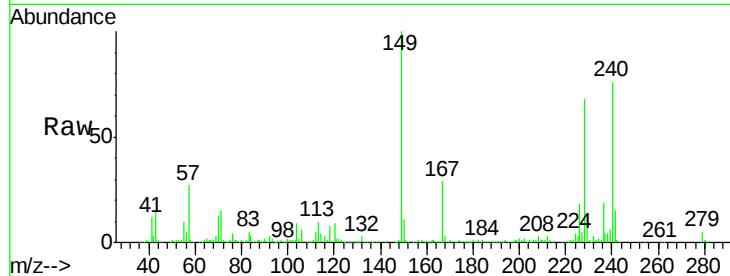




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.93 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

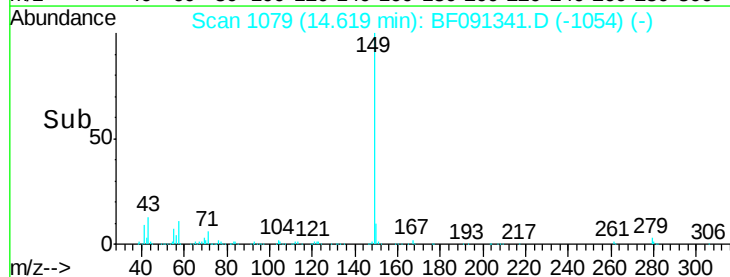
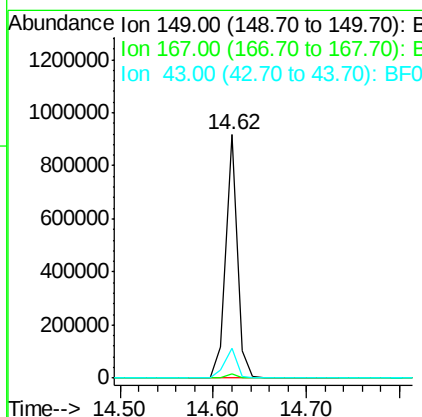
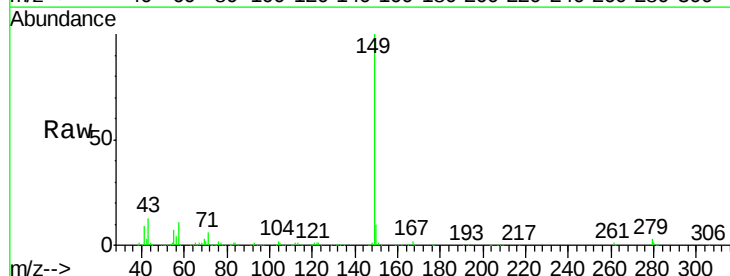
Instrument :
 BNA_F
 ClientSampleId :

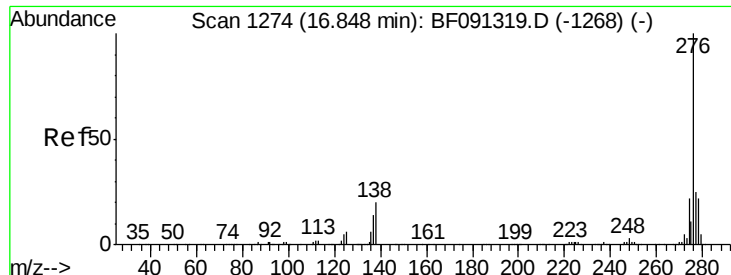
Tot Ion:149 Resp: 515637
 Ion Ratio Lower Upper
 149 100
 167 28.8 19.6 29.4
 279 4.6 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 42.40 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Tgt Ion:149 Resp: 789015
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 13.7 11.9 17.9

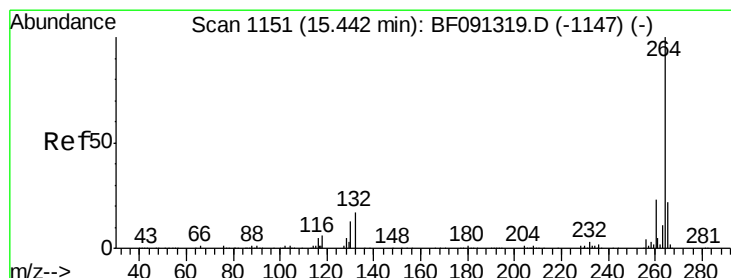
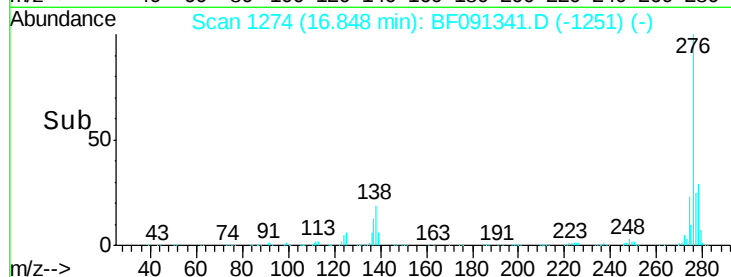
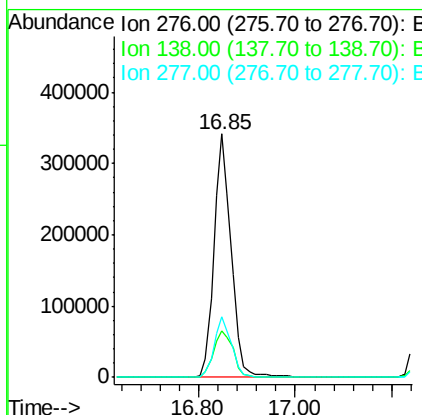
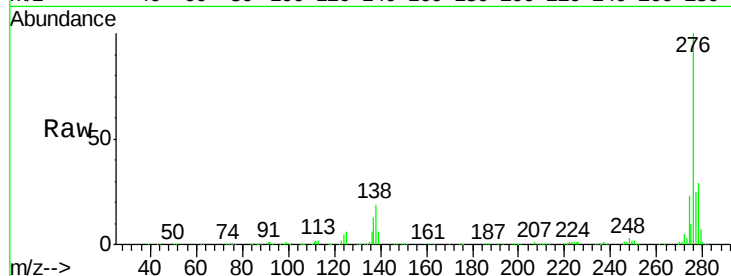




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.18 ng
 RT: 16.85 min Scan# 1274
 Delta R.T. -0.04 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

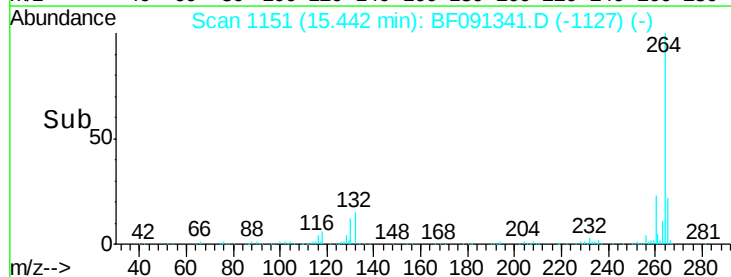
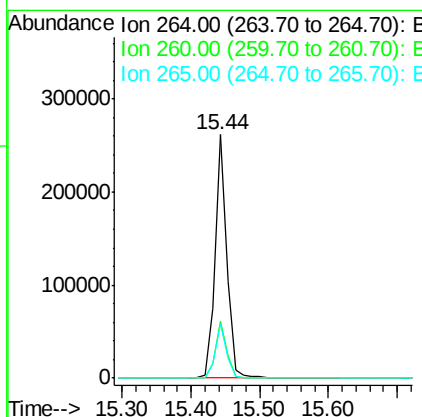
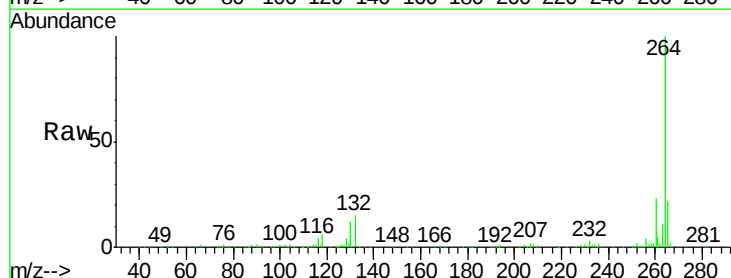
Instrument :
 BNA_F
 ClientSampleId :

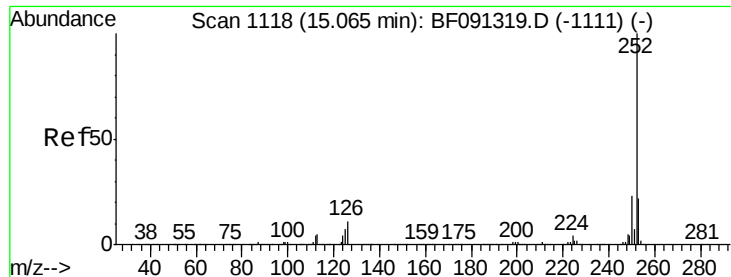
Tot Ion:276 Resp: 853664
 Ion Ratio Lower Upper
 276 100
 138 22.1 21.0 31.4
 277 25.3 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Tgt Ion:264 Resp: 315397
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 22.4 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 71.68 ng

RT: 15.07 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

Instrument :

BNA_F

ClientSampleId :

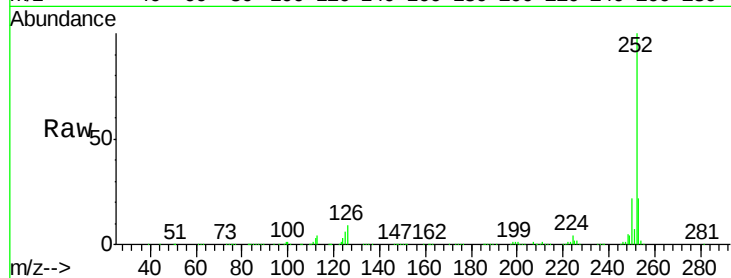
Tot Ion:252 Resp: 1405149

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

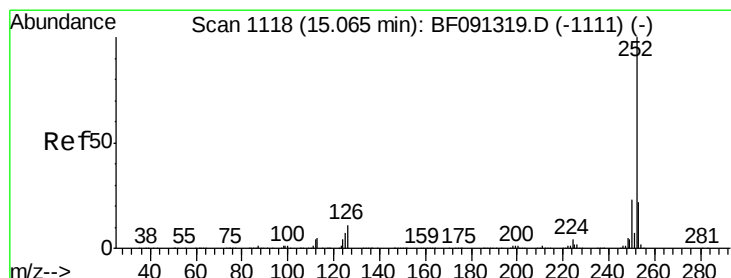
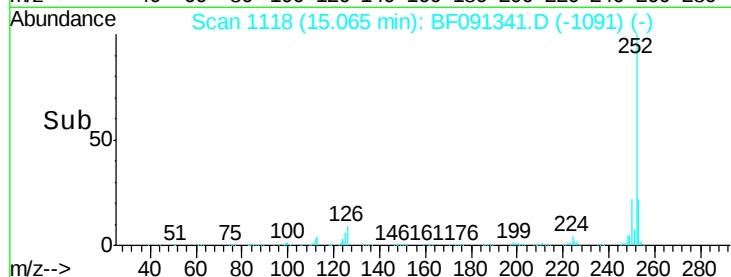
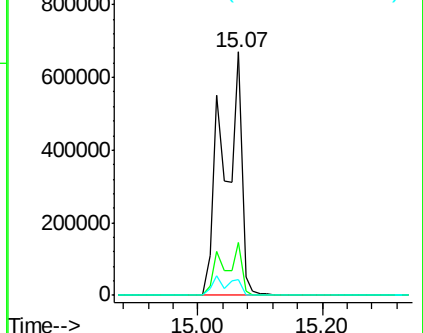
125 6.2 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 85.24 ng

RT: 15.07 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF091341.D

Acq: 30 Nov 2016 9:09

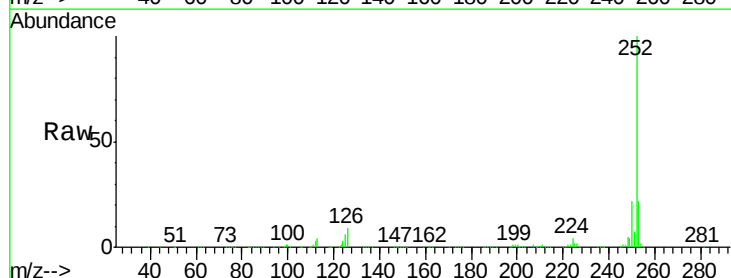
Tgt Ion:252 Resp: 1405149

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

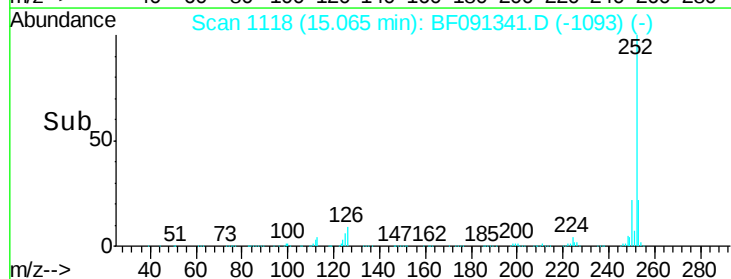
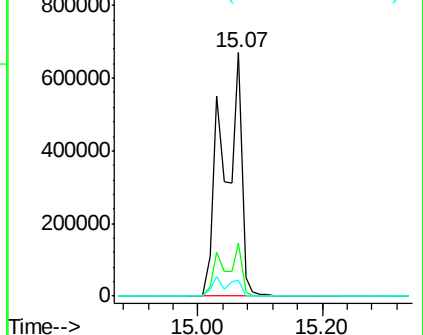
125 6.2 9.6 14.4#

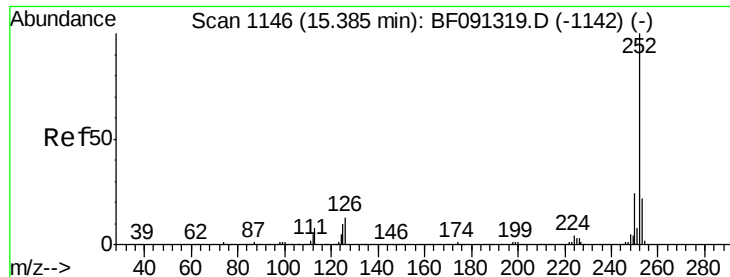


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

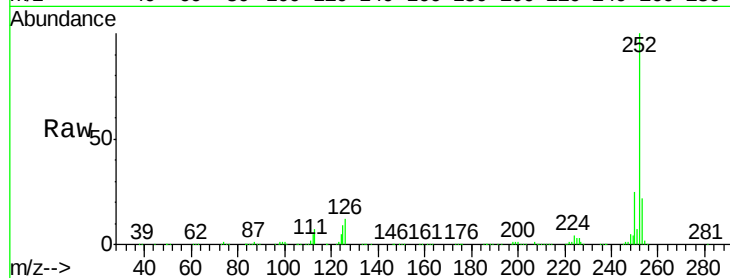




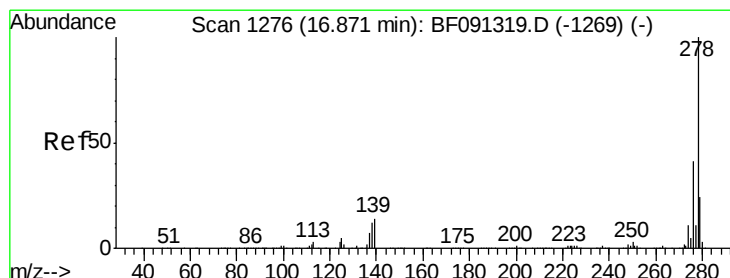
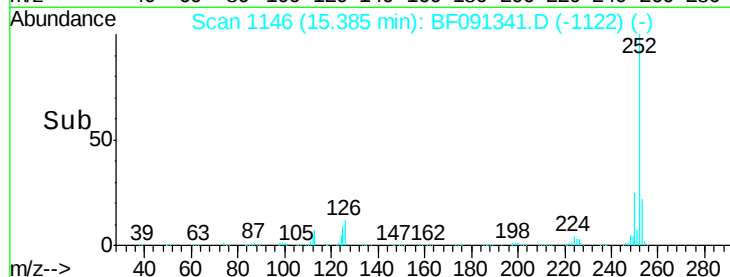
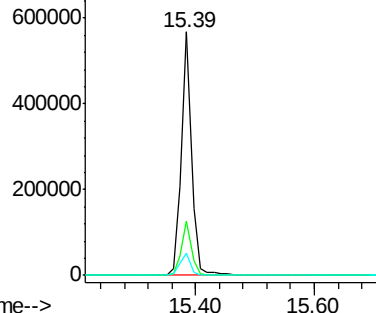
#89
Benzo(a)pyrene
Concen: 38.50 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 677791
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 9.2 10.4 15.6#

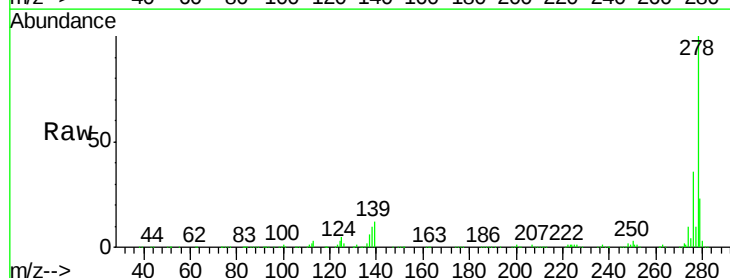


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

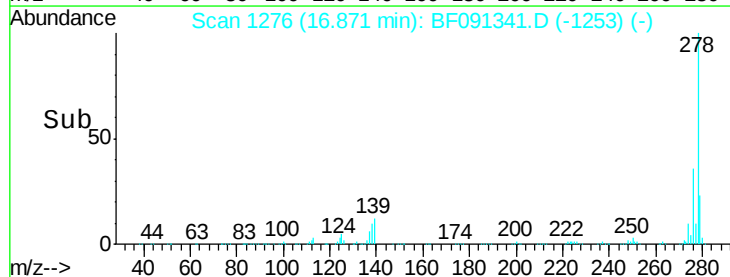
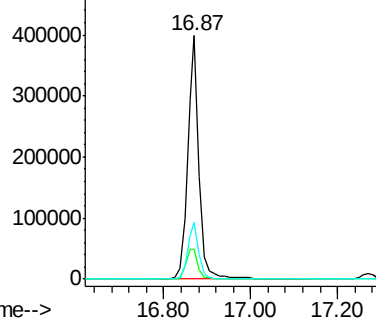


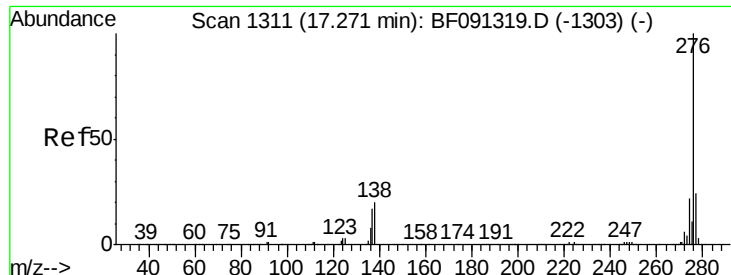
#90
Dibenzo(a,h)anthracene
Concen: 45.17 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091341.D
Acq: 30 Nov 2016 9:09

Tgt Ion:278 Resp: 735577
Ion Ratio Lower Upper
278 100
139 12.3 15.1 22.7#
279 23.5 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 45.68 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF091341.D
 Acq: 30 Nov 2016 9:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	18.7	15.4	23.0

