

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112116\
 Data File : BF091259.D
 Acq On : 21 Nov 2016 22:42
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Nov 22 10:28:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 00:03:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	208624	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	810443	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	423780	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	729061	20.00	ng	0.00
75) Chrysene-d12	13.72	240	478710	20.00	ng	0.01
86) Perylene-d12	15.07	264	451446	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	2262797	181.20	ng	0.01
7) Phenol-d6	6.25	99	2267313	135.49	ng	0.01
23) Nitrobenzene-d5	7.16	82	2283568	152.95	ng	0.01
41) 2,4,6-Tribromophenol	10.41	330	663386	172.89	ng	0.01
44) 2-Fluorobiphenyl	8.94	172	3102875	125.22	ng	0.00
78) Terphenyl-d14	12.67	244	3393783	175.99	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.98	88	448313	64.10	ng	98
3) Pyridine	2.60	79	1168748	70.10	ng	98
4) n-Nitrosodimethylamine	2.59	42	672159	97.42	ng	97
6) Aniline	6.25	93	1420540	72.28	ng	92
8) 2-Chlorophenol	6.36	128	961703	65.40	ng	# 82
9) Benzaldehyde	6.12	77	577050	63.59	ng	88
10) Phenol	6.26	94	1354910	72.04	ng	92
11) bis(2-Chloroethyl)ether	6.33	93	1077183	69.15	ng	97
12) 1,3-Dichlorobenzene	6.51	146	1086184m	72.16	ng	
13) 1,4-Dichlorobenzene	6.59	146	1132344	70.04	ng	96
14) 1,2-Dichlorobenzene	6.75	146	929084	63.55	ng	94
15) Benzyl Alcohol	6.74	79	936313	77.85	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	1785303	76.74	ng	73
17) 2-Methylphenol	7.02	107	968024	79.84	ng	93
18) Hexachloroethane	7.08	117	429967	69.46	ng	91
19) n-Nitroso-di-n-propylamine	7.02	70	830717	71.83	ng	# 85
20) 3+4-Methylphenols	7.02	107	968024	68.64	ng	93
22) Acetophenone	7.01	105	1477435	79.10	ng	# 97
24) Nitrobenzene	7.17	77	1136069	70.62	ng	98
25) Isophorone	7.42	82	2068923	72.51	ng	100
26) 2-Nitrophenol	7.49	139	592012	84.72	ng	# 80
27) 2,4-Dimethylphenol	7.55	122	895550	79.19	ng	99
28) bis(2-Chloroethoxy)methane	7.63	93	1076013	69.84	ng	99
29) 2,4-Dichlorophenol	7.74	162	796704	78.05	ng	94
30) 1,2,4-Trichlorobenzene	7.81	180	936581	82.87	ng	99
31) Naphthalene	7.88	128	2684710	69.91	ng	99
32) Benzoic acid	7.76	122	666916	84.80	ng	98
33) 4-Chloroaniline	7.95	127	1230371	76.92	ng	96
34) Hexachlorobutadiene	8.01	225	570696	91.62	ng	98
35) Caprolactam	8.36	113	227930	72.95	ng	# 90
36) 4-Chloro-3-methylphenol	8.45	107	842193	70.10	ng	99
37) 2-Methylnaphthalene	8.58	142	1886770	75.68	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	906788	84.89	ng	98
40) Hexachlorocyclopentadiene	8.73	237	304540	89.28	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	541132	78.09	nq	98
43) 2,4,5-Trichlorophenol	8.91	196	555682	76.64	nq	# 84
45) 1,1'-Biphenyl	9.05	154	2355771	77.15	nq	96
46) 2-Chloronaphthalene	9.07	162	1777991	76.59	nq	96
47) 2-Nitroaniline	9.17	65	646717	75.26	nq	# 78
48) Acenaphthylene	9.47	152	2615923	71.96	nq	98
49) Dimethylphthalate	9.37	163	2155771	77.48	nq	99
50) 2,6-Dinitrotoluene	9.42	165	477291	79.46	nq	99
51) Acenaphthene	9.65	154	1682459	73.31	nq	99
52) 3-Nitroaniline	9.60	138	549595	78.37	nq	98
54) Dibenzofuran	9.82	168	2270223	73.49	nq	93
55) 4-Nitrophenol	9.78	139	250104m	68.64	nq	
56) 2,4-Dinitrotoluene	9.82	165	517118	70.21	nq	# 32
57) Fluorene	10.16	166	1754224	69.62	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	457930	80.23	nq	98
59) Diethylphthalate	10.05	149	1783265	64.17	nq	97
60) 4-Chlorophenyl-phenylether	10.16	204	816541	72.36	nq	# 85
61) 4-Nitroaniline	10.21	138	475937	67.64	nq	88
62) Azobenzene	10.32	77	2195812	66.42	nq	87
64) 4,6-Dinitro-2-methylphenol	10.25	198	377063	83.95	nq	# 44
65) n-Nitrosodiphenylamine	10.28	169	1425853	61.82	nq	99
66) 4-Bromophenyl-phenylether	10.65	248	581875	76.07	nq	# 75
67) Hexachlorobenzene	10.70	284	582798	70.06	nq	# 79
69) Pentachlorophenol	10.91	266	258971	71.09	nq	98
70) Phenanthrene	11.12	178	2665499	70.42	nq	98
71) Anthracene	11.16	178	2557315	62.09	nq	99
72) Carbazole	11.33	167	2605689	70.46	nq	99
73) Di-n-butylphthalate	11.67	149	2691705	58.85	nq	# 98
77) Pvrene	12.52	202	2749405	85.06	nq	97
79) Butylbenzylphthalate	13.15	149	1199936	79.09	nq	90
80) Benzo(a)anthracene	13.71	228	2165258	79.46	nq	100
81) 3,3'-Dichlorobenzidine	13.68	252	676258	69.77	nq	# 98
82) Chrysene	13.75	228	2062519	76.05	nq	98
83) Bis(2-ethylhexyl)phthalate	13.71	149	1502150	74.85	nq	99
84) Di-n-octyl phthalate	14.33	149	2496168	75.48	nq	96
85) Indeno(1,2,3-cd)pyrene	16.32	276	2064338	92.35	nq	99
87) Benzo(b)fluoranthene	14.72	252	2400609m	81.81	nq	
89) Benzo(a)pyrene	15.03	252	1825977	70.38	nq	# 96
90) Dibenzo(a,h)anthracene	16.33	278	1711001	76.04	nq	# 94
91) Benzo(g,h,i)perylene	16.68	276	1770380	85.58	nq	97

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

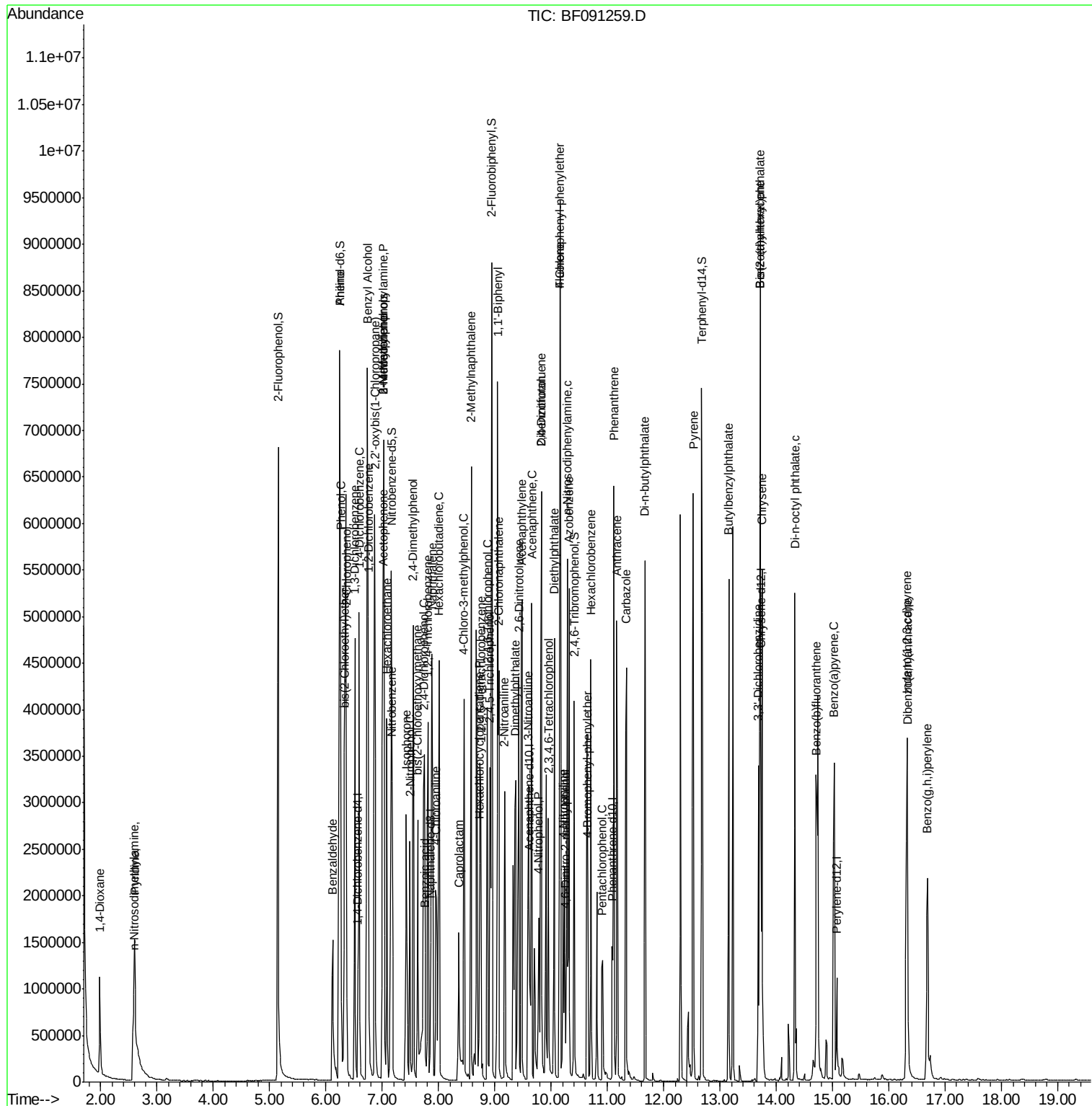
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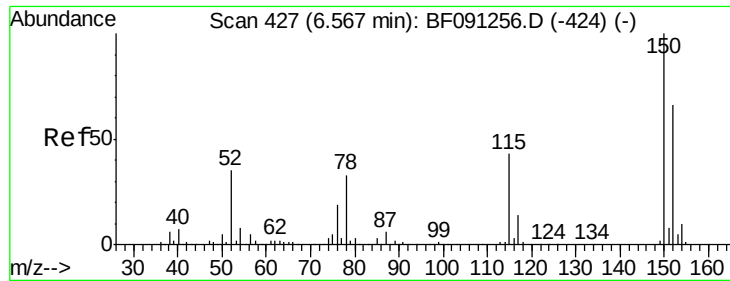
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112116\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

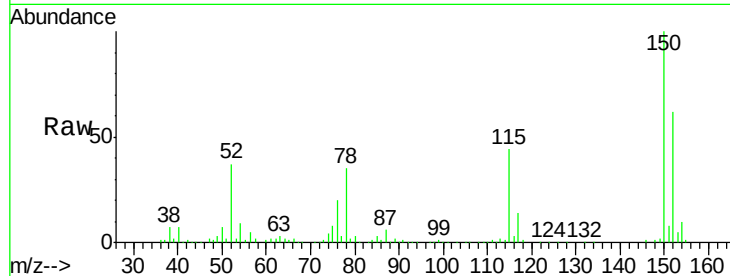
Tot Ion:152 Resp: 208624

Ion Ratio Lower Upper

152 100

150 161.5 122.5 183.7

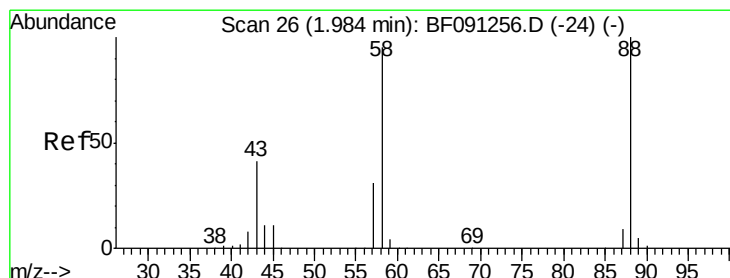
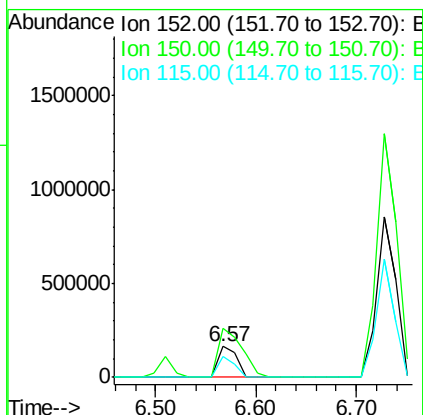
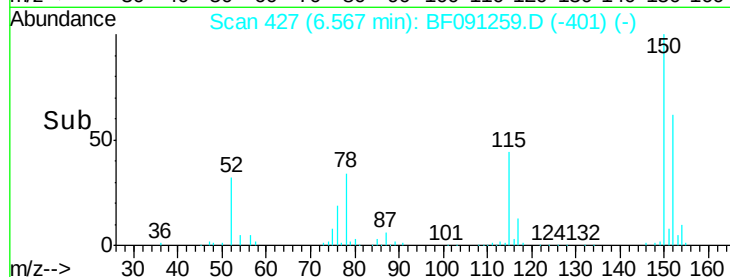
115 70.4 51.8 77.8



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



#2

1,4-Dioxane

Concen: 64.10 ng

RT: 1.98 min Scan# 26

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

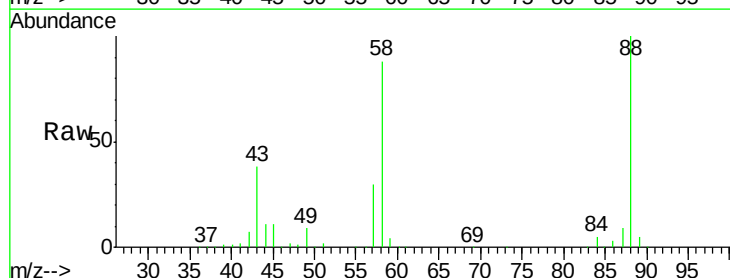
Tgt Ion: 88 Resp: 448313

Ion Ratio Lower Upper

88 100

58 89.6 70.3 105.5

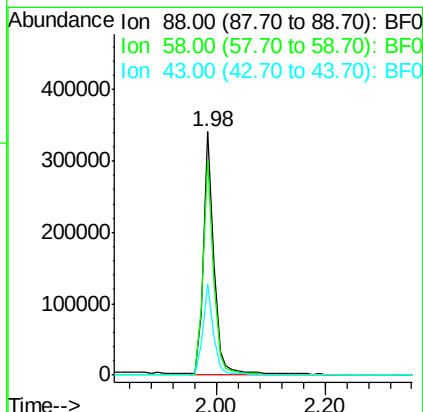
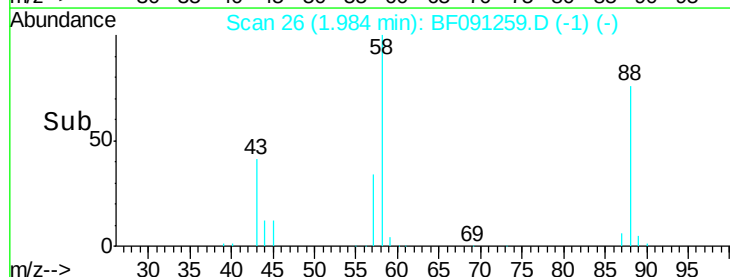
43 37.6 31.3 46.9

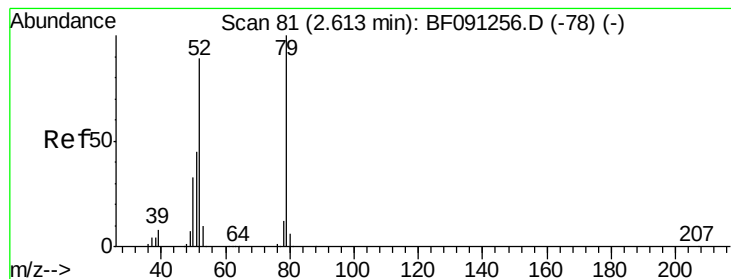


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 70.10 ng

RT: 2.60 min Scan# 80

Delta R.T. -0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

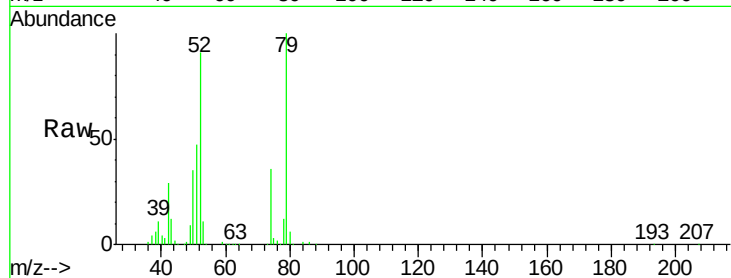
Tot Ion: 79 Resp: 1168748

Ion Ratio Lower Upper

79 100

52 90.9 71.0 106.4

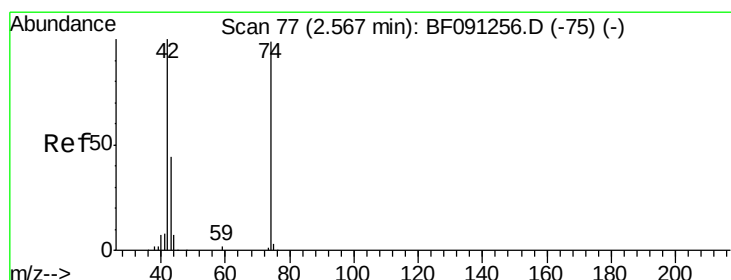
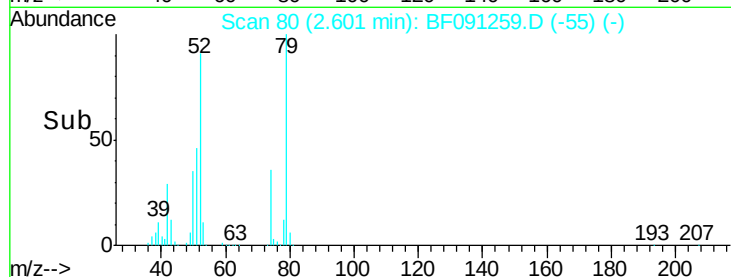
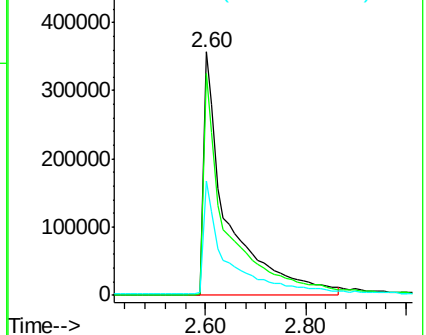
51 46.8 37.0 55.4



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: 97.42 ng

RT: 2.59 min Scan# 79

Delta R.T. 0.02 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

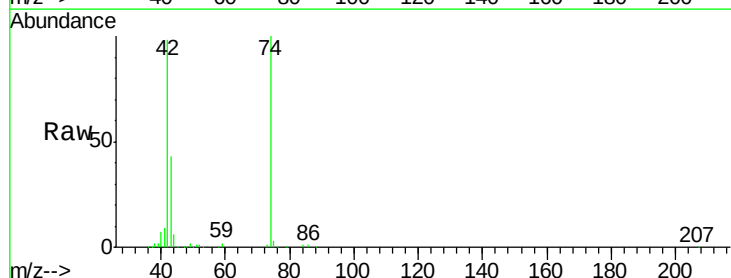
Tgt Ion: 42 Resp: 672159

Ion Ratio Lower Upper

42 100

74 101.8 78.9 118.3

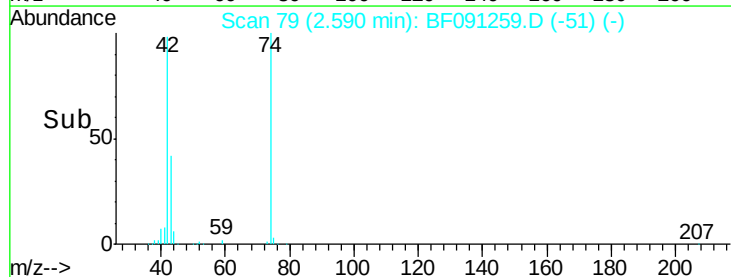
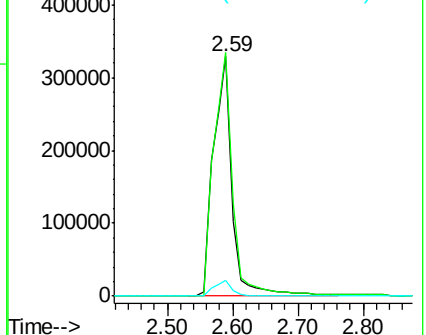
44 6.5 5.8 8.6

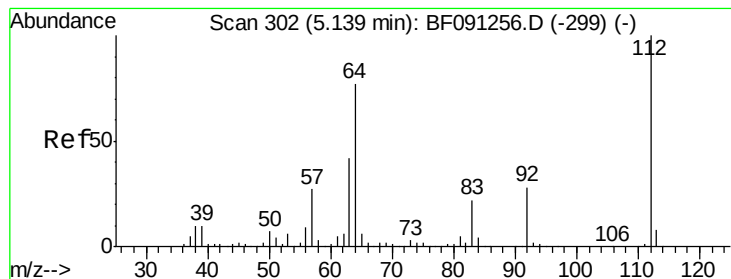


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

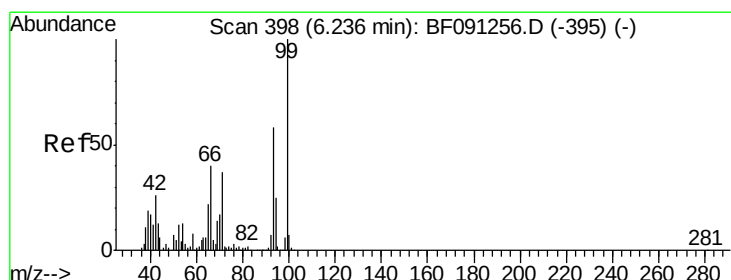
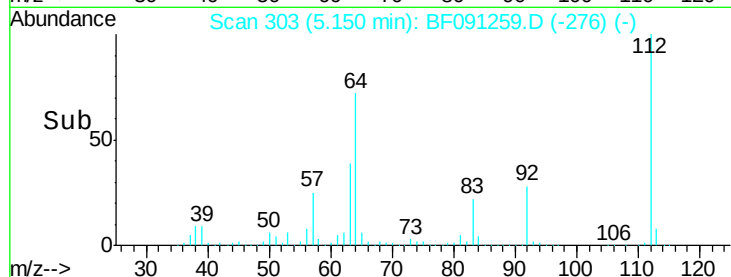
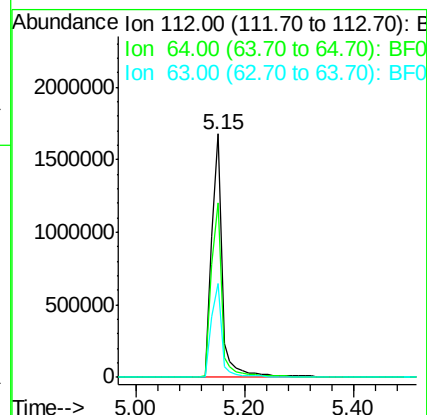
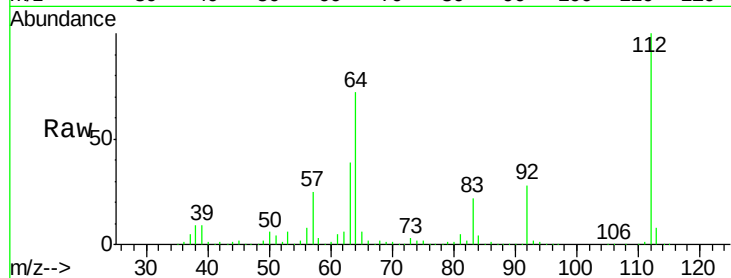




#5
 2-Fluorophenol
 Concen: 181.20 ng
 RT: 5.15 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

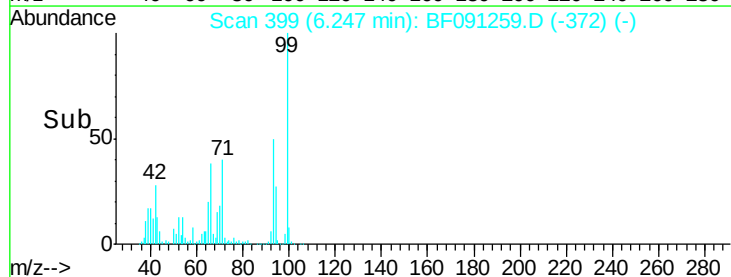
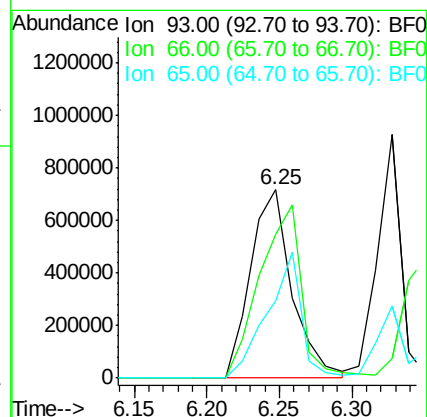
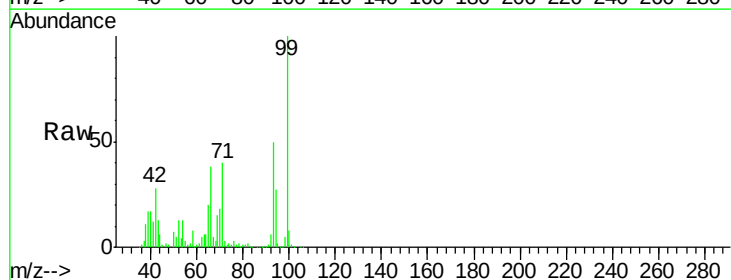
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

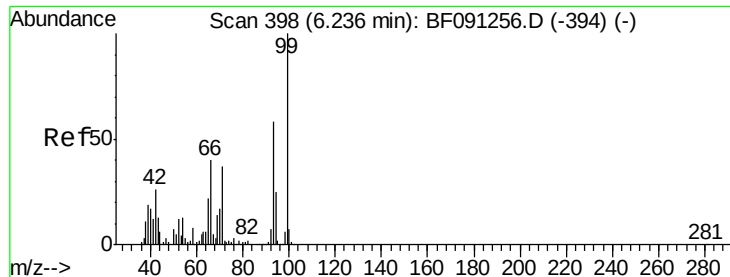
Tot Ion:112 Resp: 2262797
 Ion Ratio Lower Upper
 112 100
 64 71.8 61.5 92.3
 63 38.6 33.3 49.9



#6
 Aniline
 Concen: 72.28 ng
 RT: 6.25 min Scan# 399
 Delta R.T. 0.01 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

Tgt Ion: 93 Resp: 1420540
 Ion Ratio Lower Upper
 93 100
 66 76.7 55.8 83.6
 65 40.9 29.9 44.9





#7

Phenol-d6

Concen: 135.49 ng

RT: 6.25 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

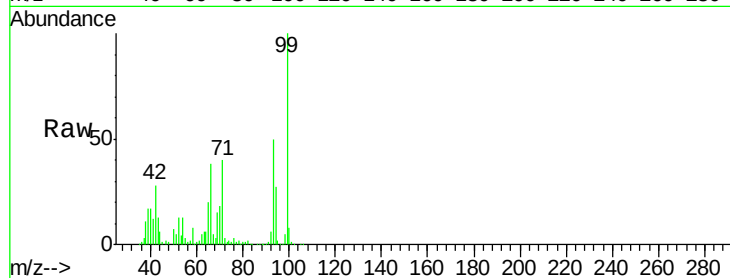
BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 99 Resp: 2267313

Ion	Ratio	Lower	Upper
99	100		
42	27.8	20.6	31.0
71	40.2	29.9	44.9

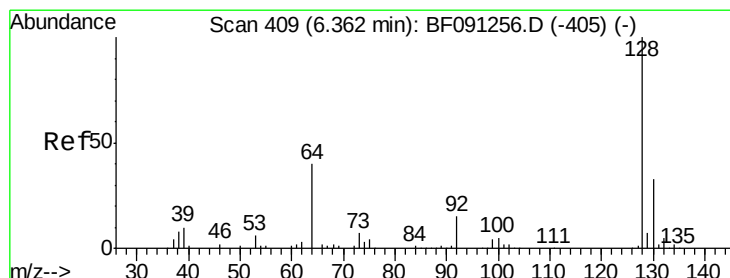
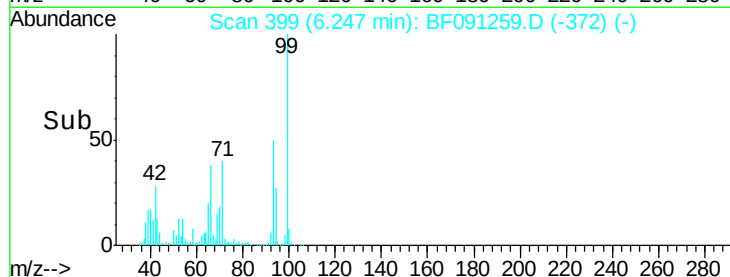
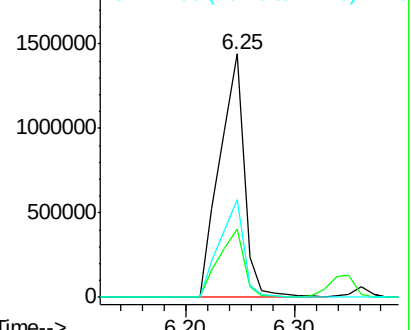


Abundance

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: 65.40 ng

RT: 6.36 min Scan# 409

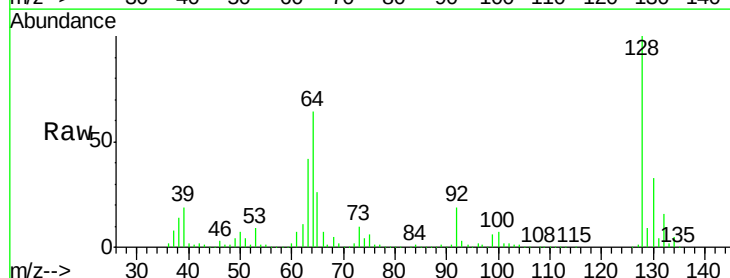
Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Tgt Ion: 128 Resp: 961703

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.1	53.1
64	64.4	24.1	64.1#

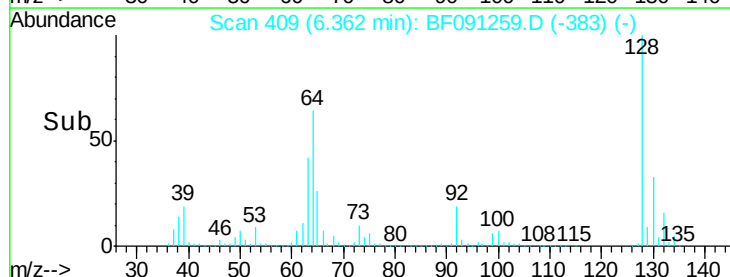
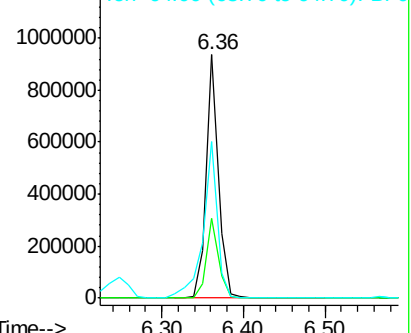


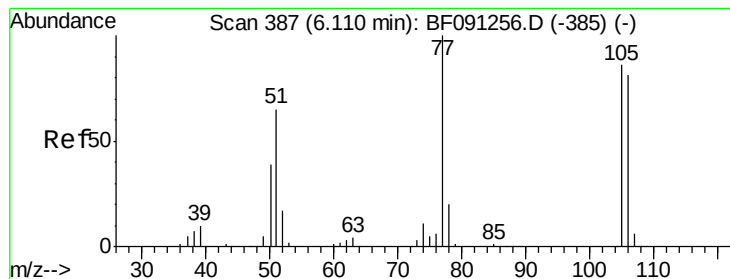
Abundance

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: 63.59 ng

RT: 6.12 min Scan# 388

Delta R.T. 0.01 min

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BNA_F

ClientSampleId :

SSTDIC080

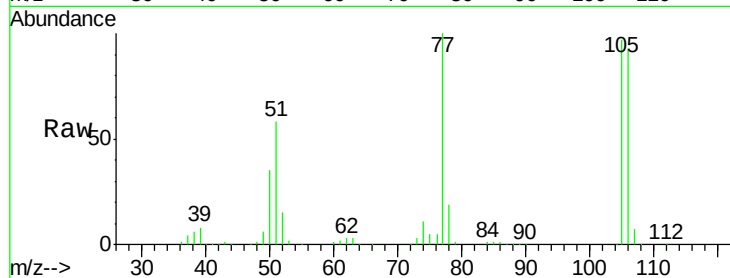
Tot Ion: 77 Resp: 577050

Ion Ratio Lower Upper

77 100

105 97.0 66.4 106.4

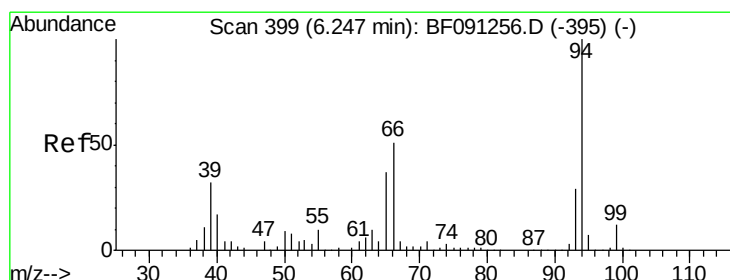
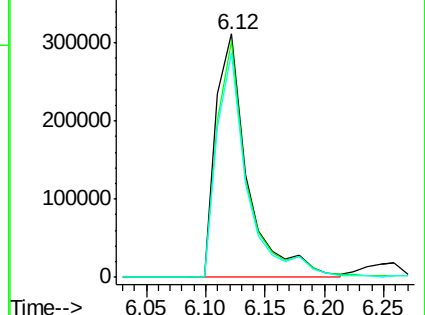
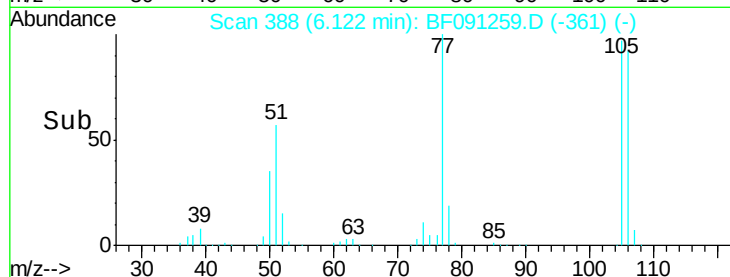
106 92.1 60.9 100.9



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: 72.04 ng

RT: 6.26 min Scan# 400

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

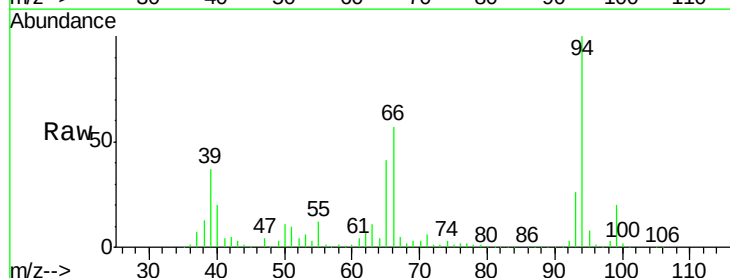
Tgt Ion: 94 Resp: 1354910

Ion Ratio Lower Upper

94 100

65 41.1 16.9 56.9

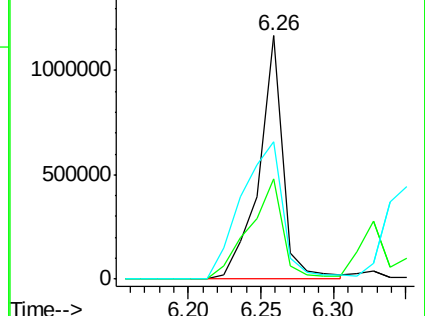
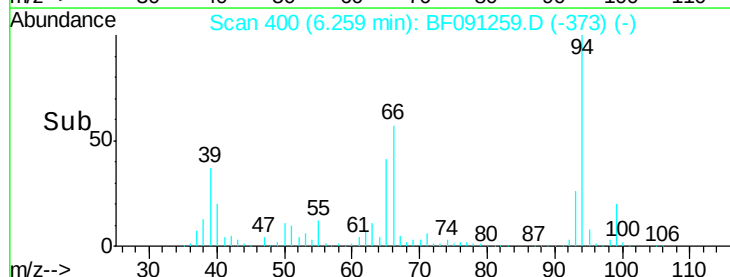
66 56.6 30.6 70.6

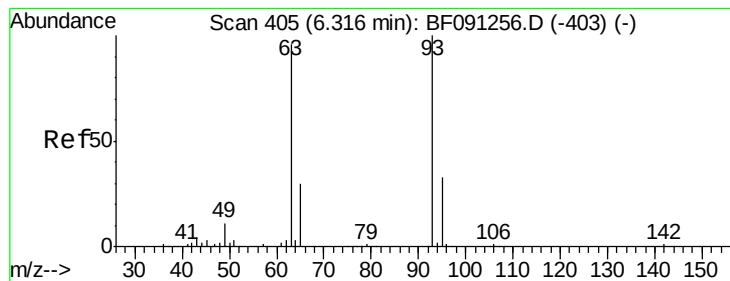


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 69.15 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

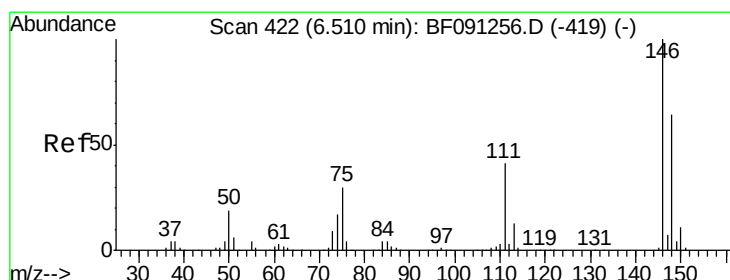
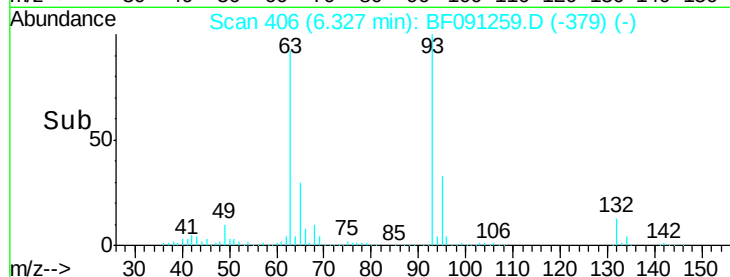
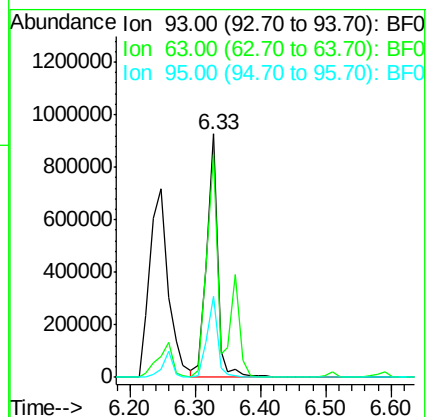
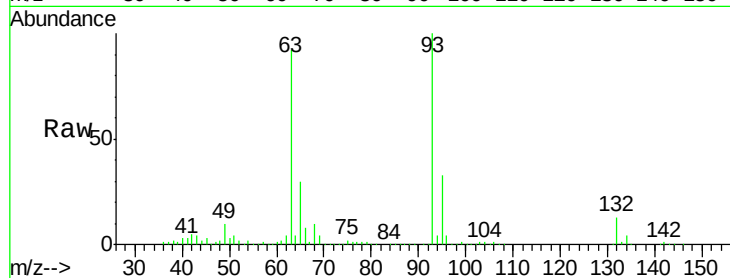
Tot Ion: 93 Resp: 1077183

Ion Ratio Lower Upper

93 100

63 91.9 74.8 114.8

95 33.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 72.16 ng m

RT: 6.51 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

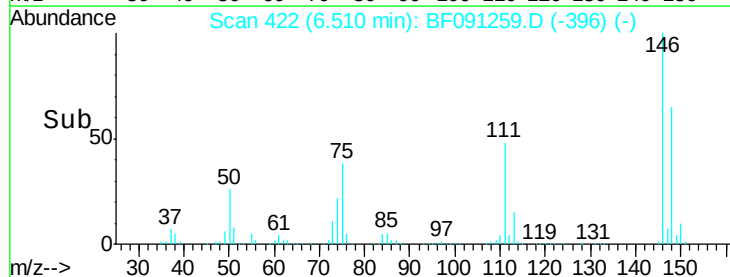
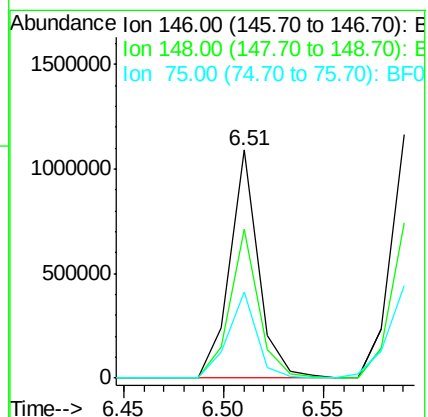
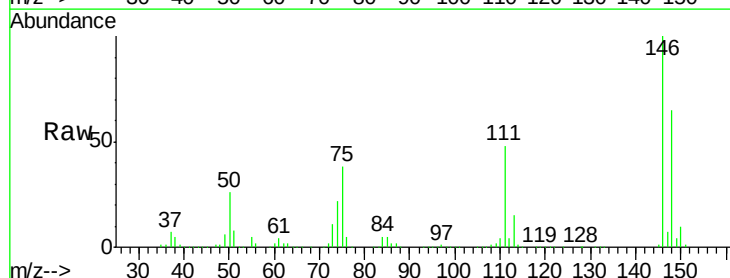
Tgt Ion: 146 Resp: 1086184

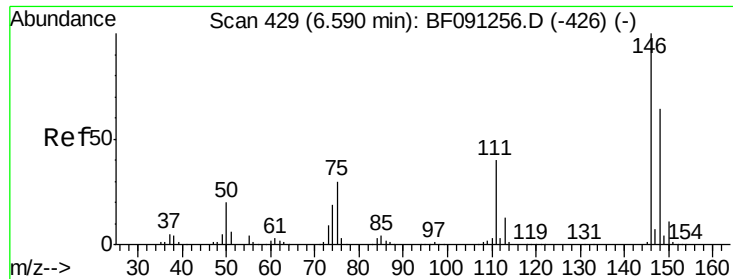
Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.0

75 37.5 23.6 35.4#

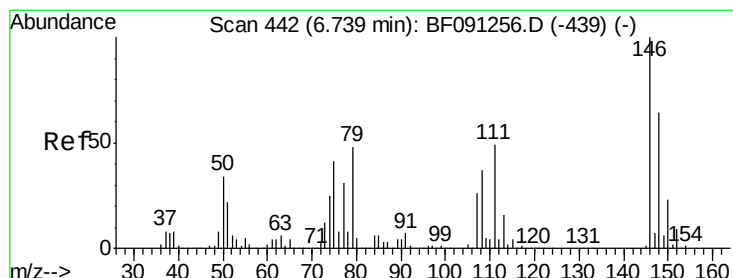
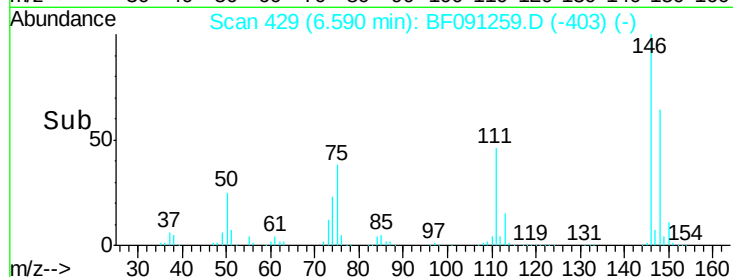
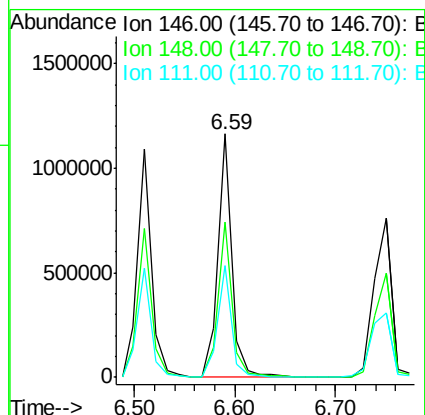
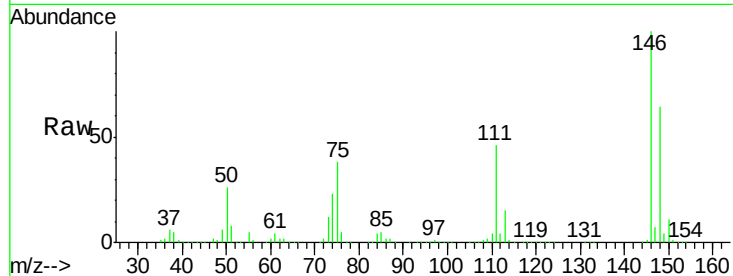




#13
 1,4-Dichlorobenzene
 Concen: 70.04 ng
 RT: 6.59 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

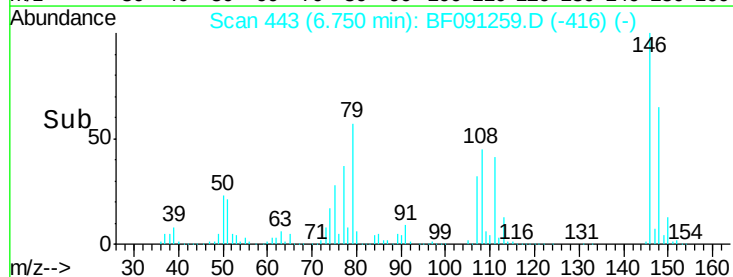
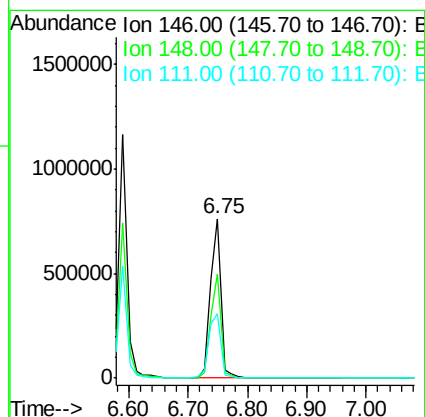
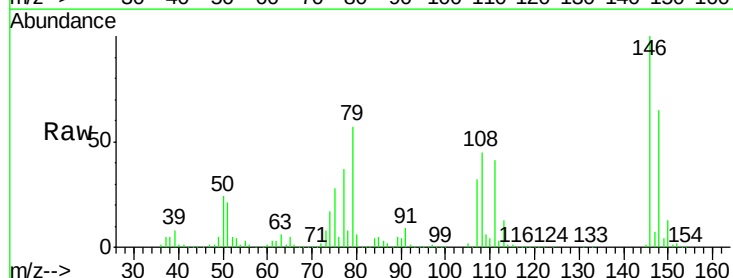
Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC080

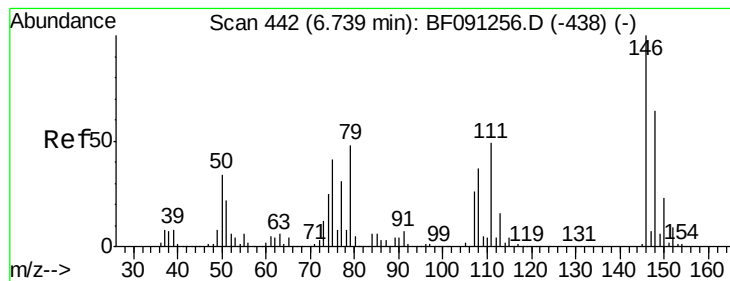
Tot Ion:146 Resp: 1132344
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.0
 111 46.0 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 63.55 ng
 RT: 6.75 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

Tgt Ion:146 Resp: 929084
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.0 76.6
 111 40.6 38.9 58.3





#15

Benzyl Alcohol

Concen: 77.85 ng

RT: 6.74 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

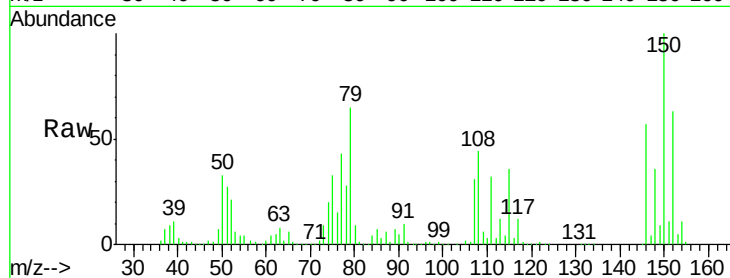
Tot Ion: 79 Resp: 936313

Ion Ratio Lower Upper

79 100

108 67.9 62.7 94.1

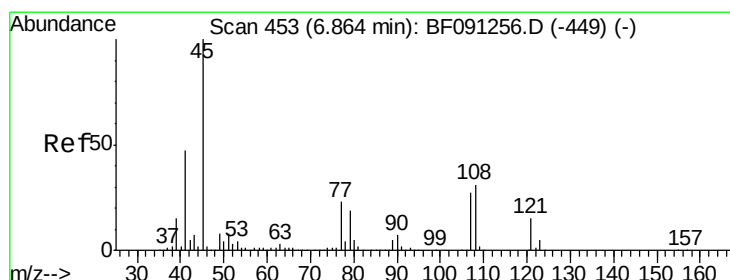
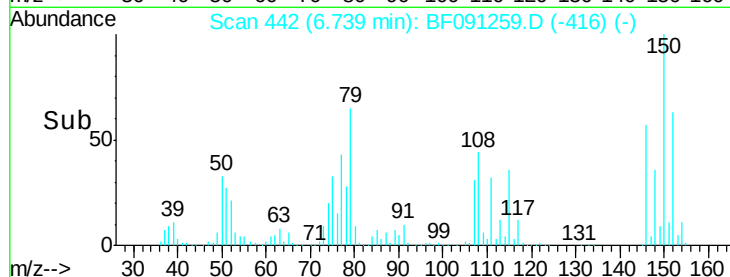
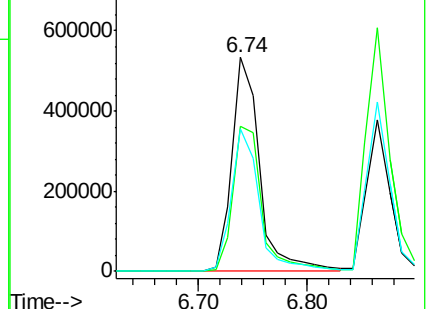
77 66.7 51.7 77.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 76.74 ng

RT: 6.86 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

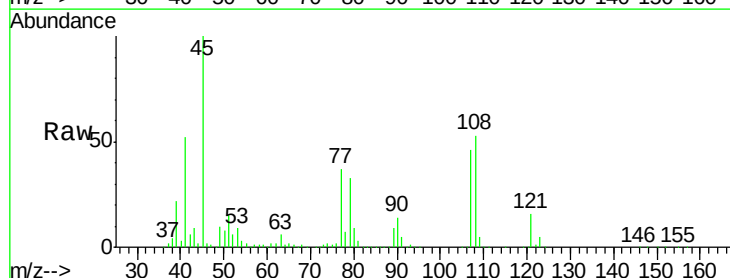
Tgt Ion: 45 Resp: 1785303

Ion Ratio Lower Upper

45 100

77 36.7 3.8 43.8

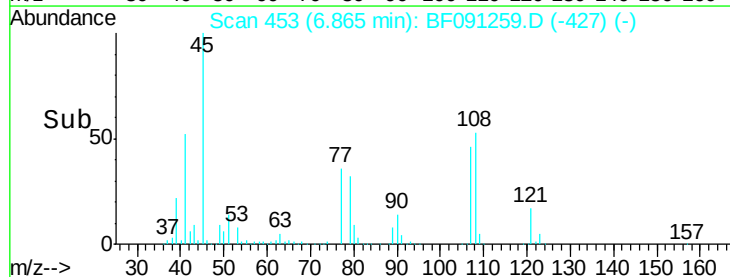
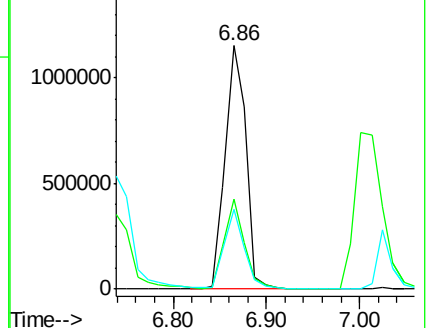
79 32.8 0.2 40.2

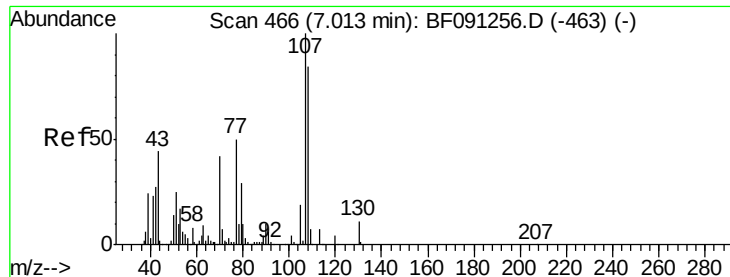


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 79.84 ng

RT: 7.02 min Scan# 467

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:107 Resp: 968024

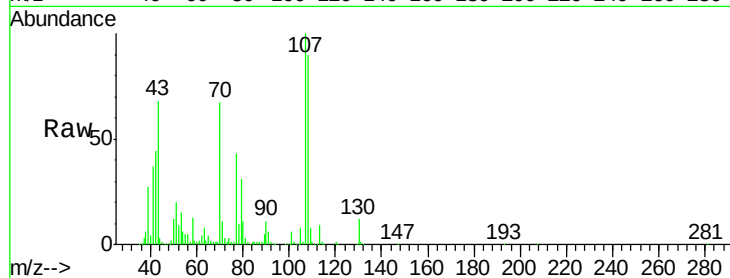
Ion Ratio Lower Upper

107 100

108 89.6 67.7 101.5

77 43.2 40.7 61.1

79 31.3 23.4 35.2

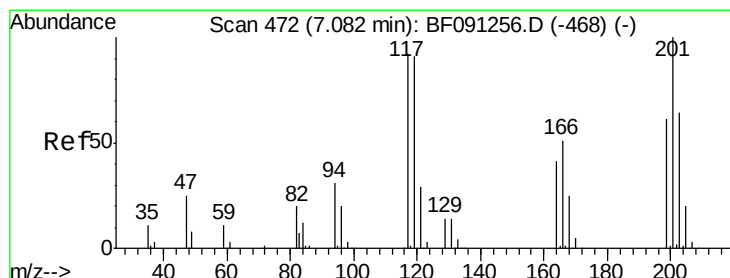
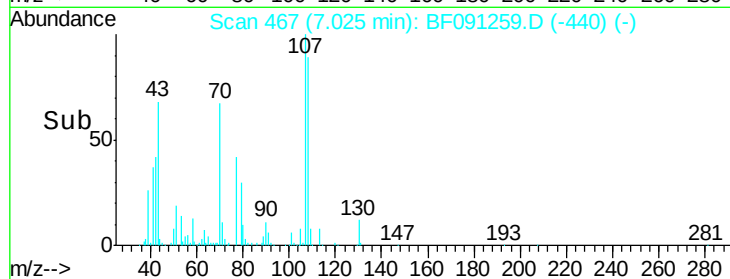
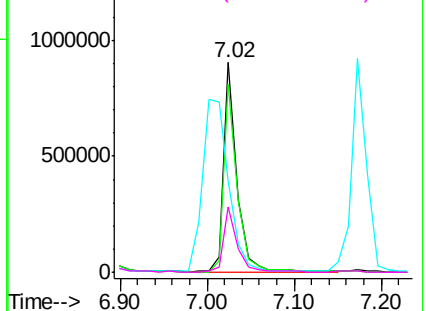


Abundance Ion 107.00 (106.70 to 107.70): E

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: 69.46 ng

RT: 7.08 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

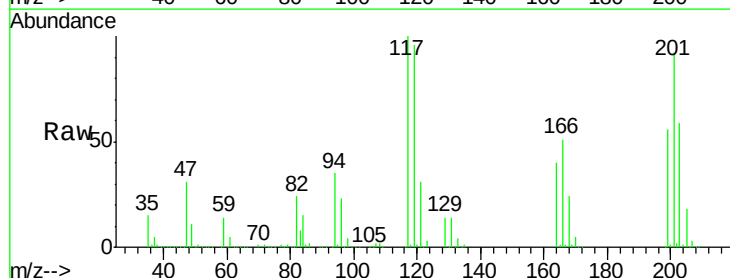
Tgt Ion:117 Resp: 429967

Ion Ratio Lower Upper

117 100

119 96.0 78.6 118.0

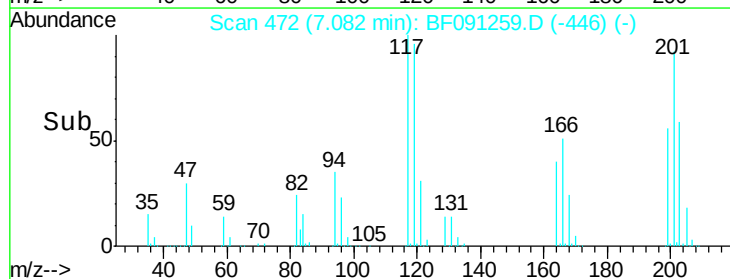
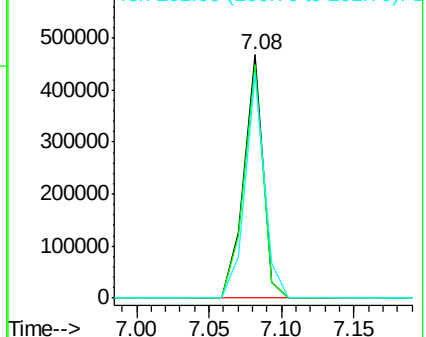
201 92.2 86.7 130.1

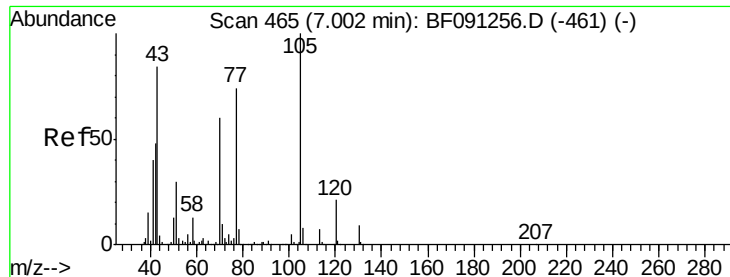


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

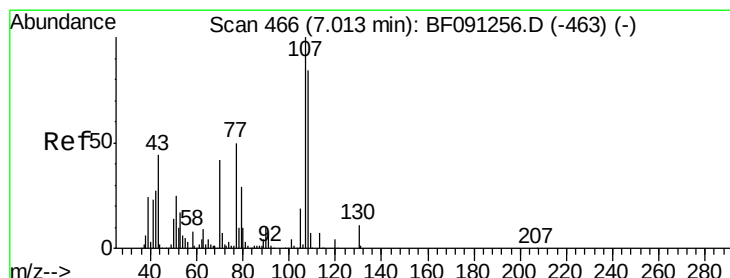
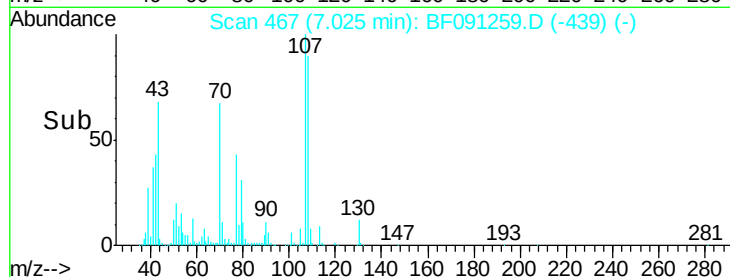
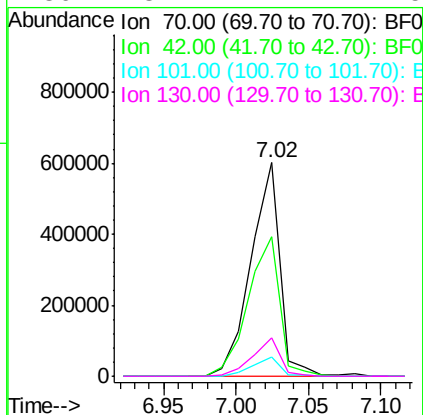
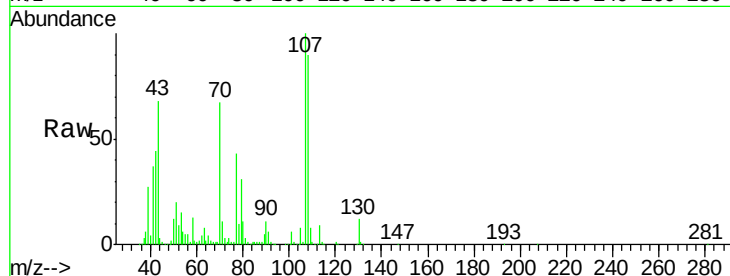




#19
n-Nitroso-di-n-propylamine
Concen: 71.83 ng
RT: 7.02 min Scan# 467
Delta R.T. 0.02 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

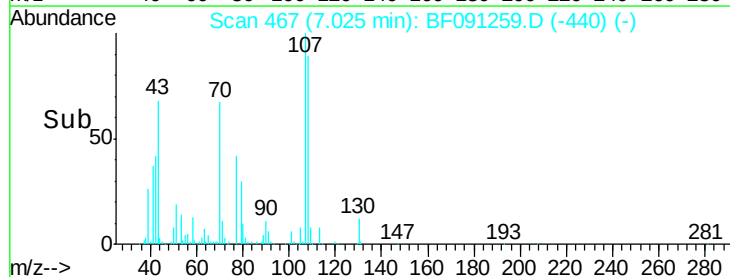
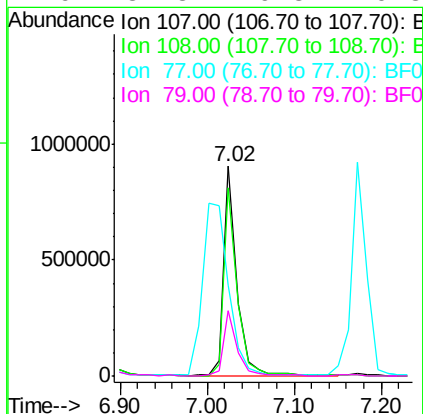
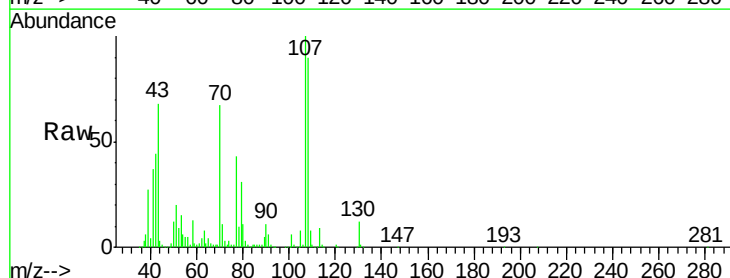
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

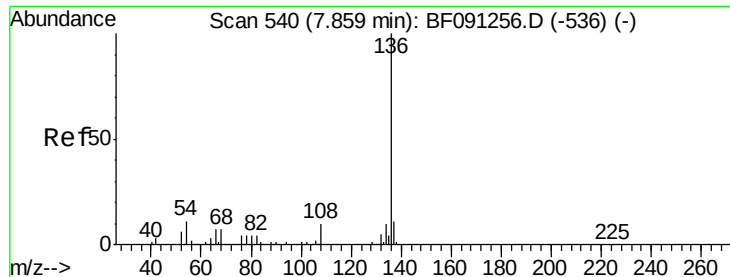
Tot Ion: 70 Resp: 830717
Ion Ratio Lower Upper
70 100
42 65.3 64.8 97.2
101 9.1 6.2 9.4
130 18.1 11.7 17.5#



#20
3+4-Methylphenols
Concen: 68.64 ng
RT: 7.02 min Scan# 467
Delta R.T. 0.01 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

Tgt Ion: 107 Resp: 968024
Ion Ratio Lower Upper
107 100
108 89.6 64.6 104.6
77 43.2 30.9 70.9
79 31.3 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:136 Resp: 810443

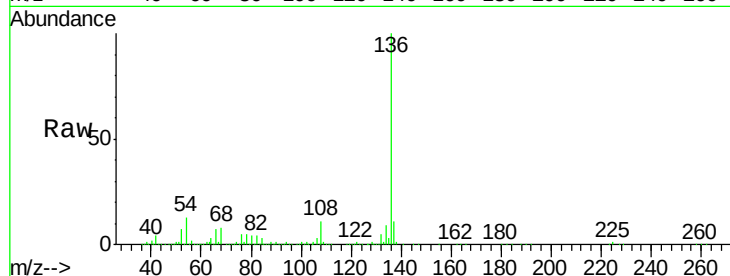
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 12.9 9.1 13.7

68 7.6 5.9 8.9

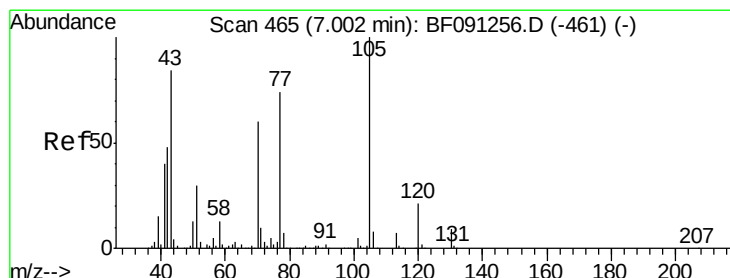
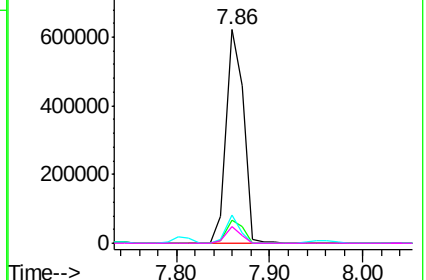
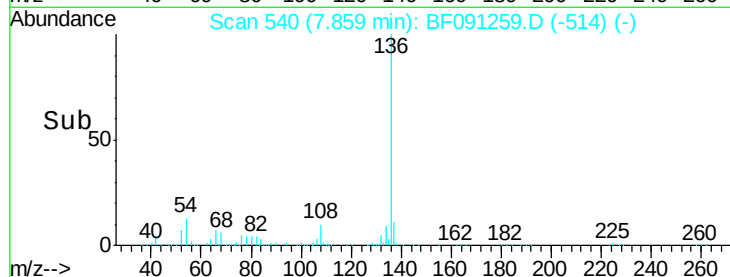


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 79.10 ng

RT: 7.01 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Tgt Ion:105 Resp: 1477435

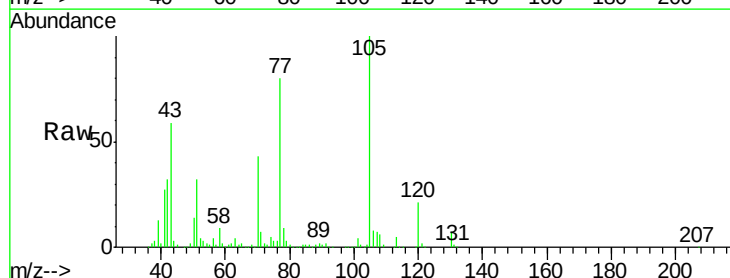
Ion Ratio Lower Upper

105 100

71 7.3 7.9 11.9#

51 32.0 24.5 36.7

120 21.1 16.6 24.8

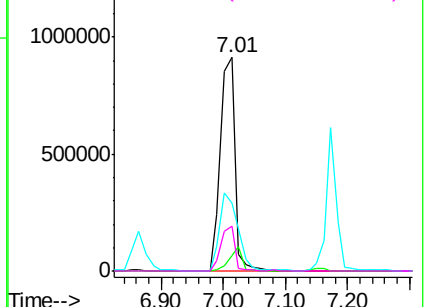
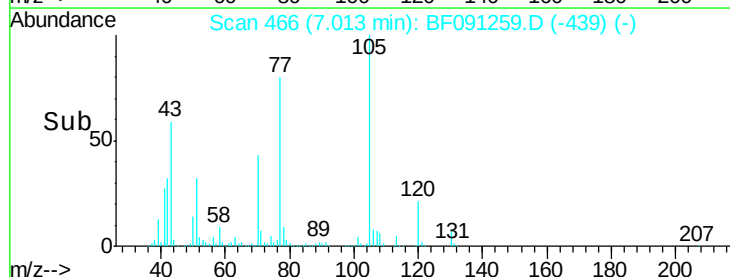


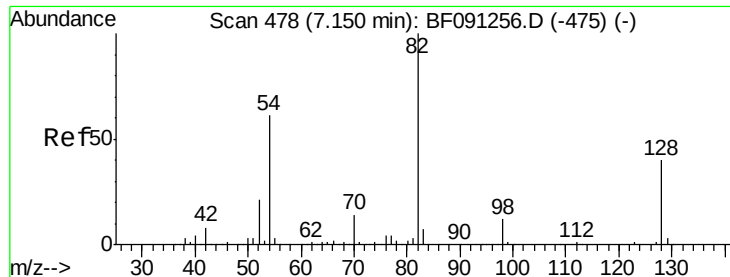
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



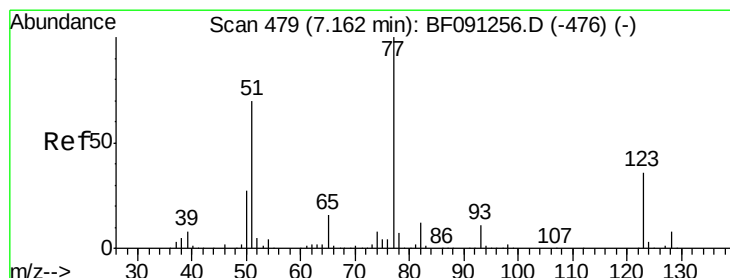
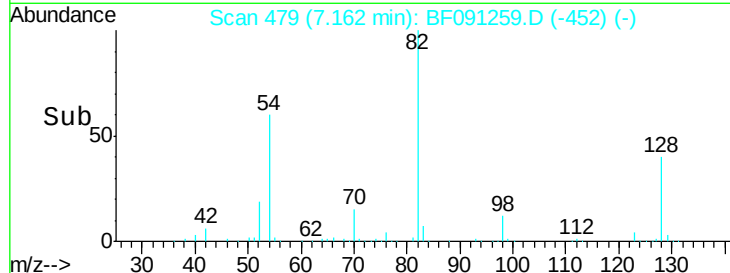
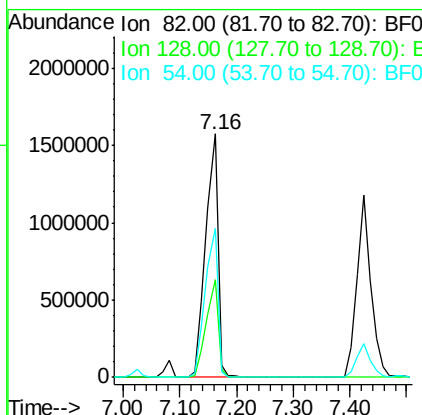
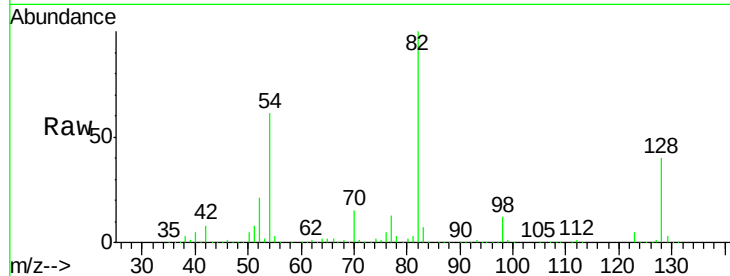


#23
 Nitrobenzene-d5
 Concen: 152.95 ng
 RT: 7.16 min Scan# 479
 Delta R.T. 0.01 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion: 82 Resp: 2283568

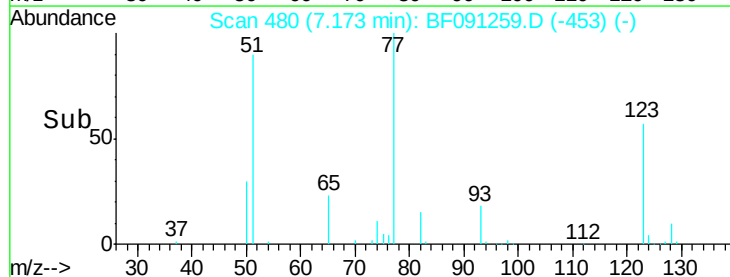
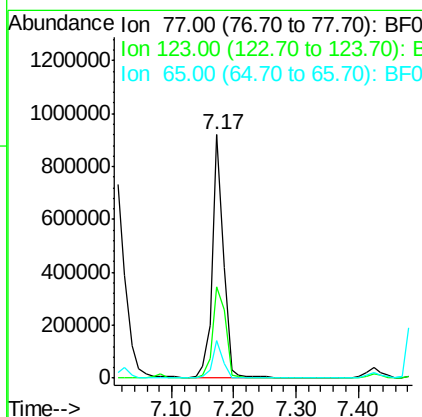
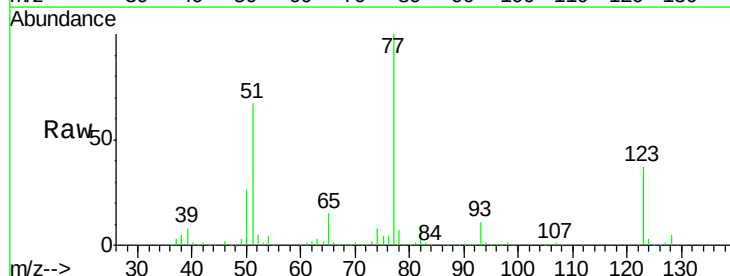
Ion	Ratio	Lower	Upper
82	100		
128	40.2	31.8	47.6
54	60.9	49.1	73.7

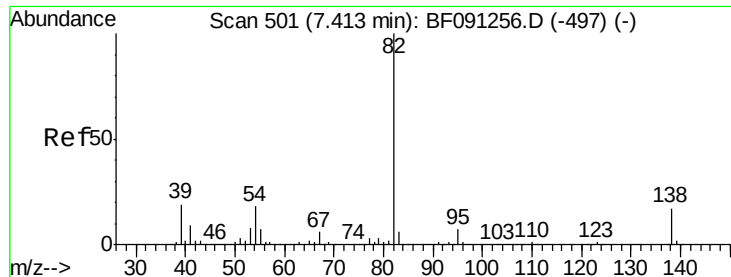


#24
 Nitrobenzene
 Concen: 70.62 ng
 RT: 7.17 min Scan# 480
 Delta R.T. 0.01 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

Tgt Ion: 77 Resp: 1136069

Ion	Ratio	Lower	Upper
77	100		
123	37.3	28.5	42.7
65	15.3	12.5	18.7





#25

Isophorone

Concen: 72.51 ng

RT: 7.42 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

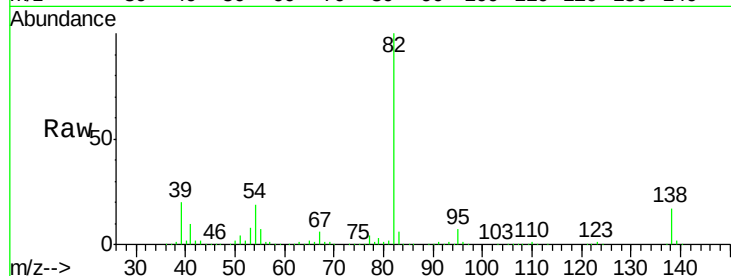
Tot Ion: 82 Resp: 2068923

Ion Ratio Lower Upper

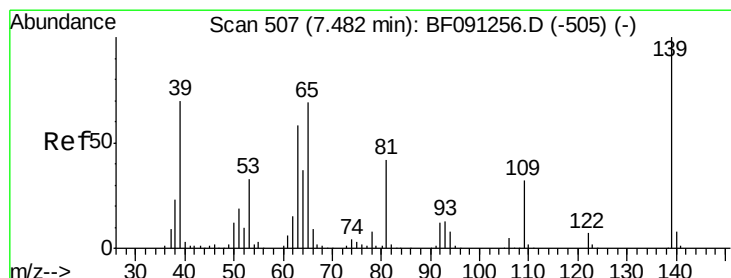
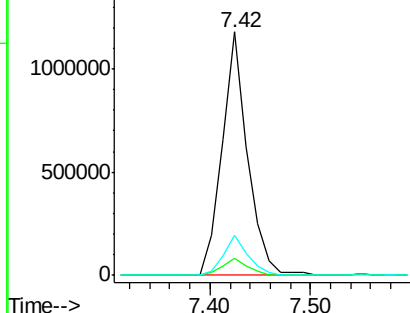
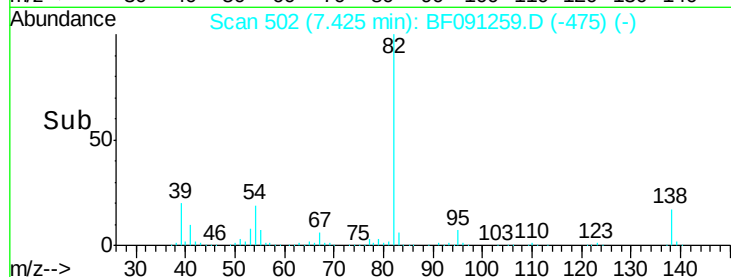
82 100

95 7.1 5.7 8.5

138 16.6 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 84.72 ng

RT: 7.49 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

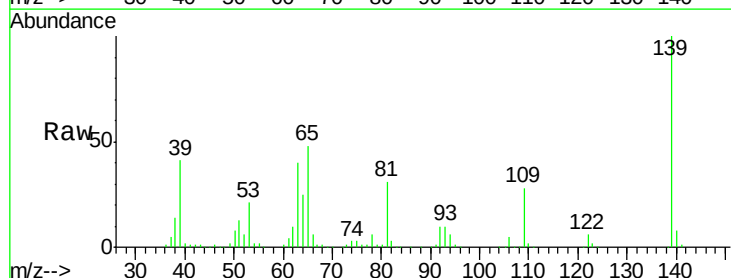
Tgt Ion: 139 Resp: 592012

Ion Ratio Lower Upper

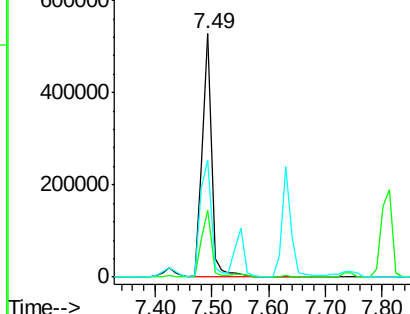
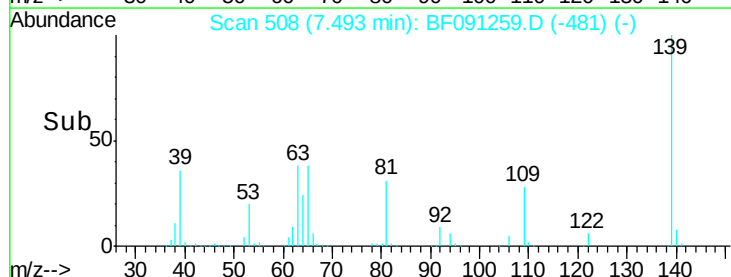
139 100

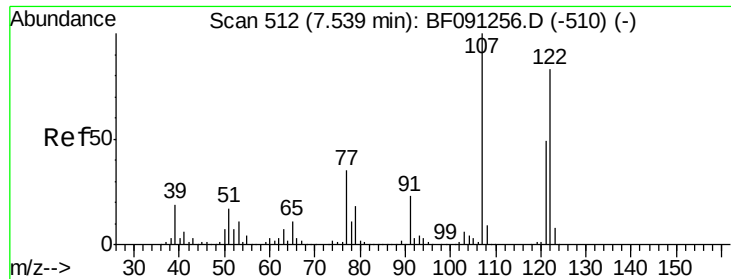
109 27.6 25.3 37.9

65 48.0 55.4 83.2#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 79.19 ng

RT: 7.55 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

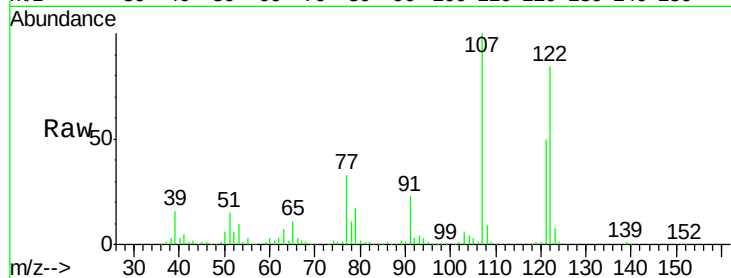
Tot Ion:122 Resp: 895550

Ion Ratio Lower Upper

122 100

107 119.6 96.8 145.2

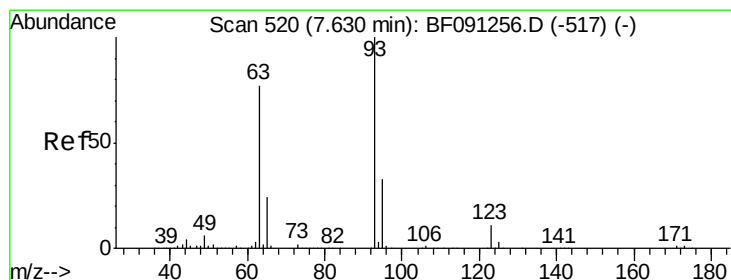
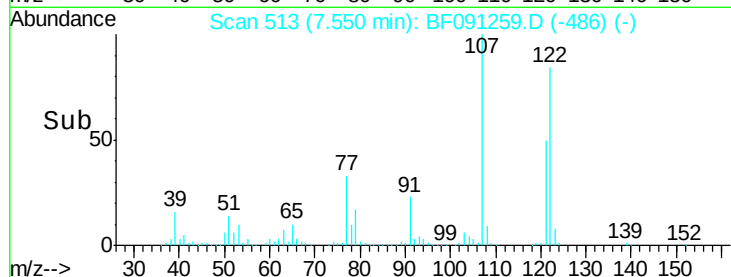
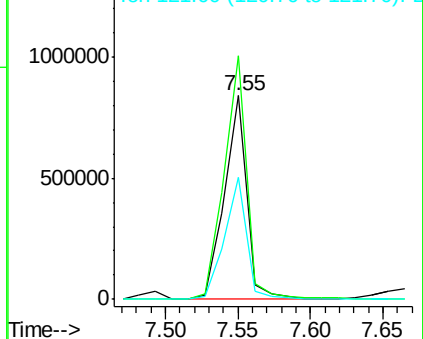
121 59.7 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 69.84 ng

RT: 7.63 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

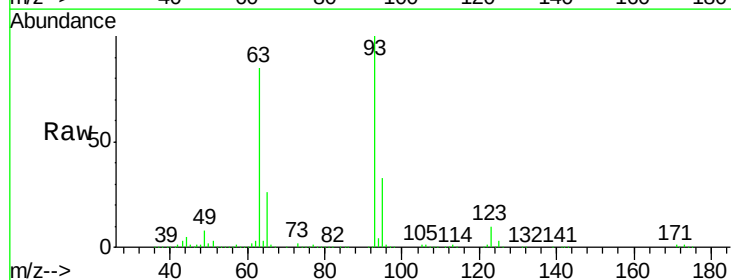
Tgt Ion: 93 Resp: 1076013

Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

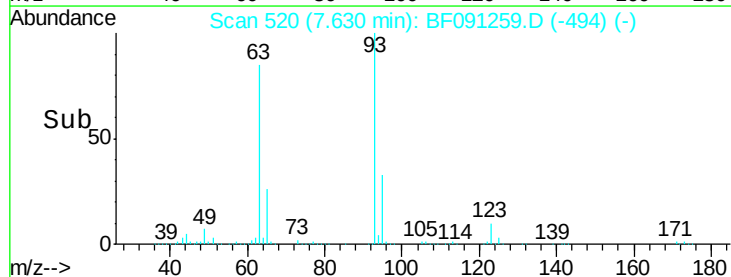
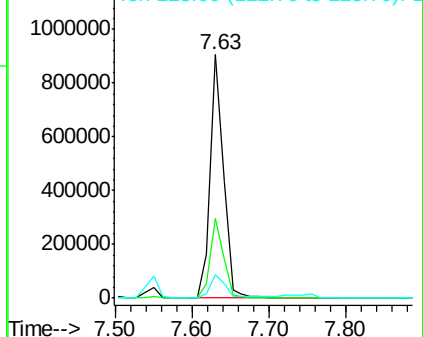
123 9.7 8.6 12.8

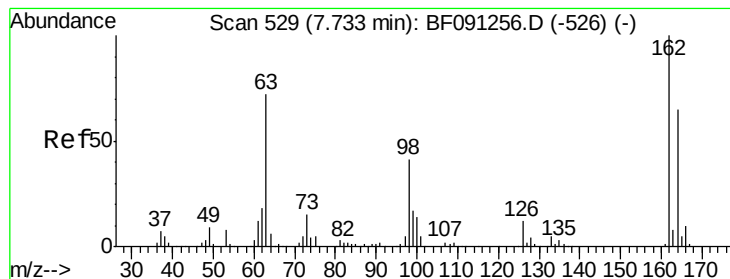


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 78.05 ng

RT: 7.74 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

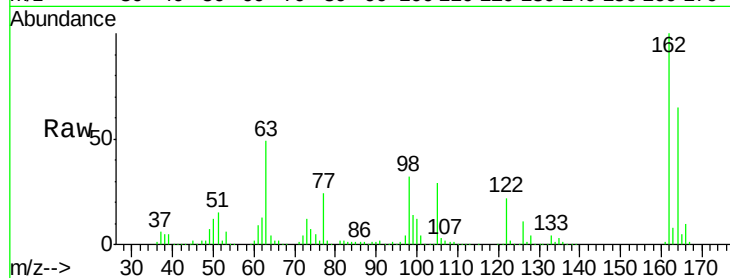
Tot Ion:162 Resp: 796704

Ion Ratio Lower Upper

162 100

164 64.8 45.0 85.0

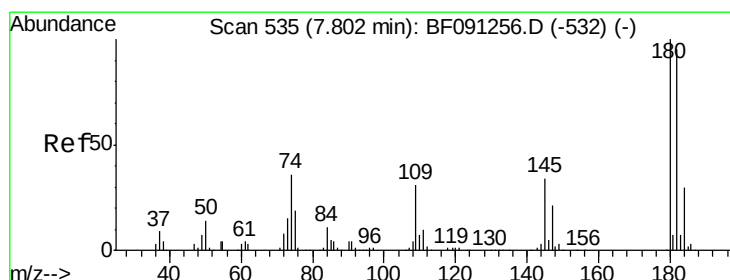
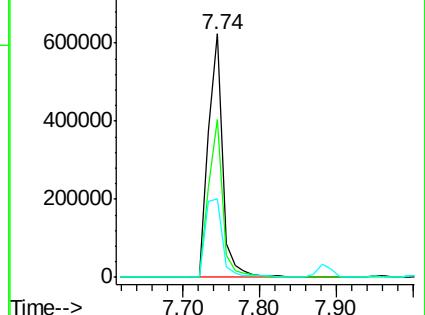
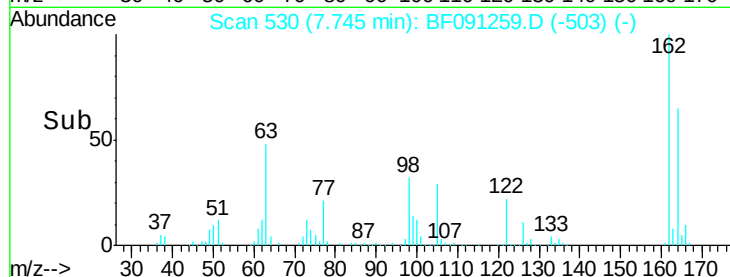
98 32.3 21.3 61.3



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: 82.87 ng

RT: 7.81 min Scan# 536

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

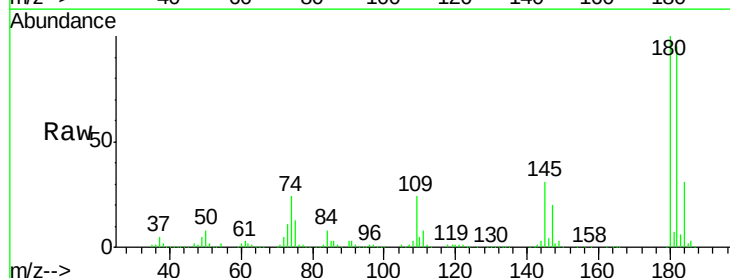
Tgt Ion:180 Resp: 936581

Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.8

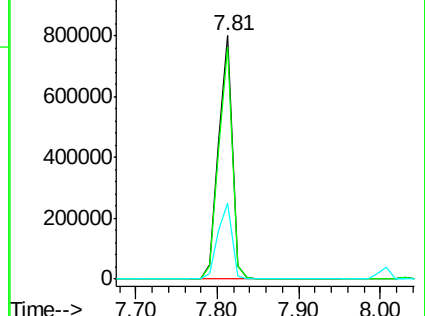
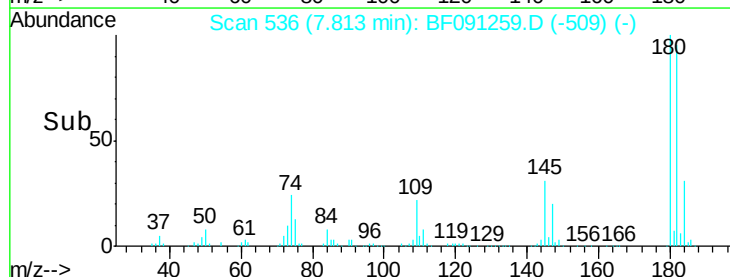
145 31.2 27.0 40.4

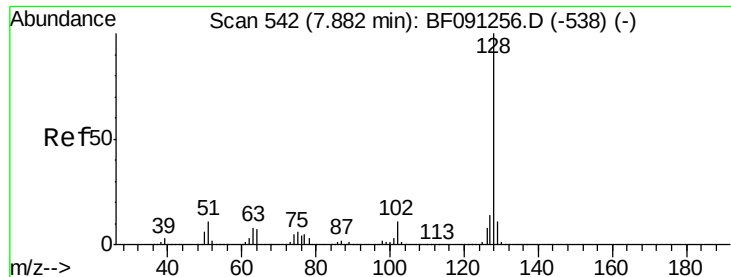


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 69.91 ng

RT: 7.88 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

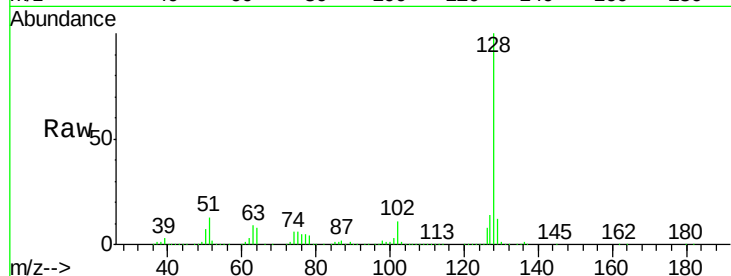
Tot Ion:128 Resp: 2684710

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

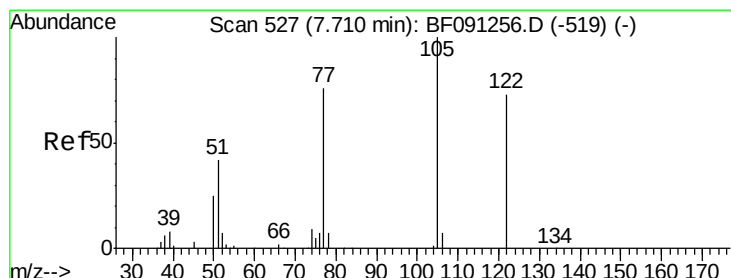
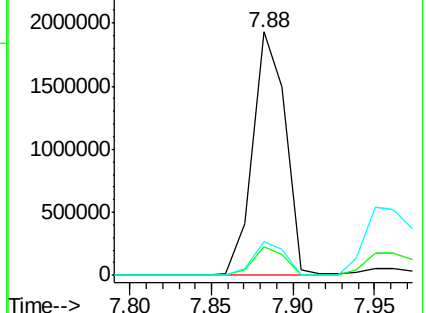
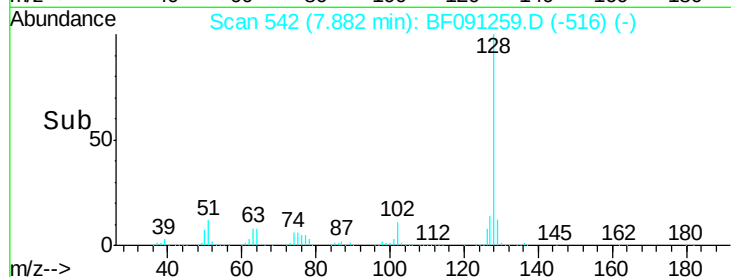
127 14.0 11.0 16.4



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: 84.80 ng

RT: 7.76 min Scan# 531

Delta R.T. 0.05 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

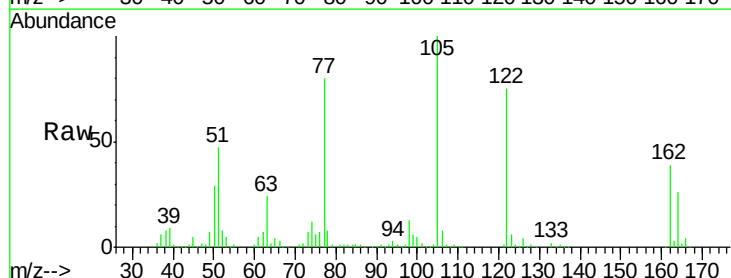
Tgt Ion:122 Resp: 666916

Ion Ratio Lower Upper

122 100

105 133.3 113.0 153.0

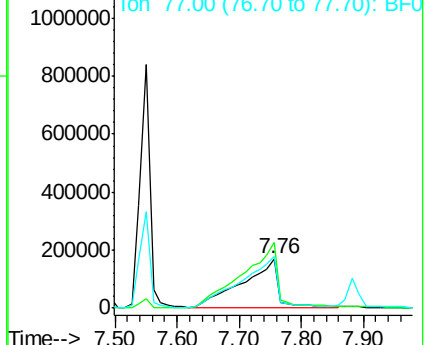
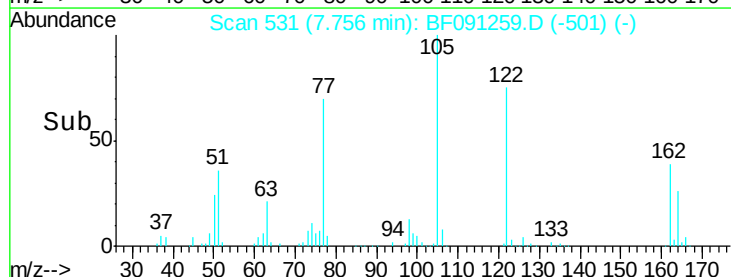
77 106.3 82.0 122.0

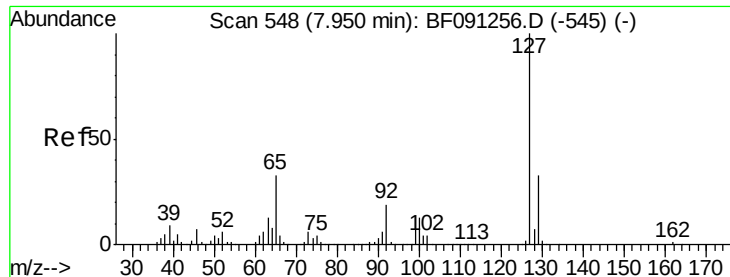


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

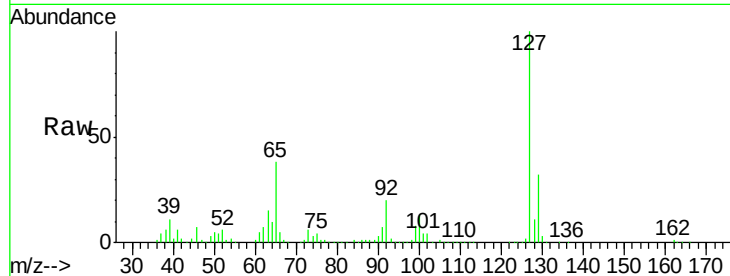




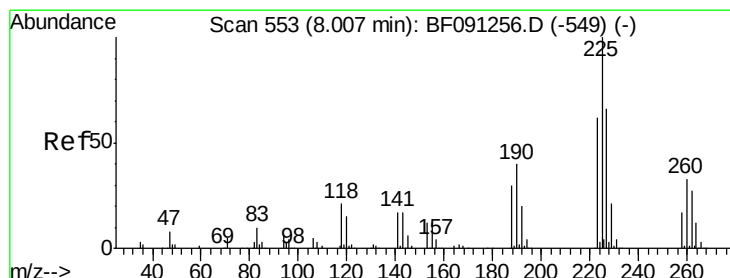
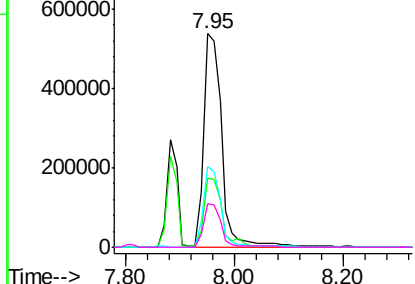
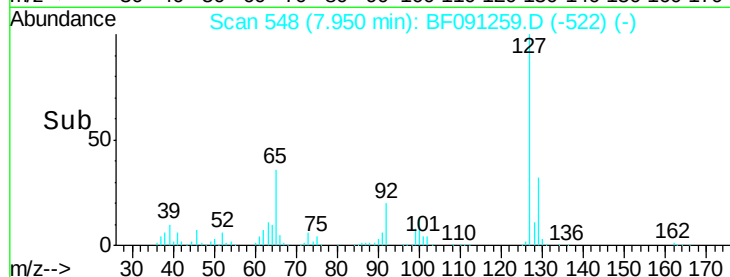
#33
4-Chloroaniline
Concen: 76.92 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:127 Resp: 1230371
Ion Ratio Lower Upper
127 100
129 32.2 26.2 39.4
65 37.7 26.6 39.8
92 20.3 15.4 23.0

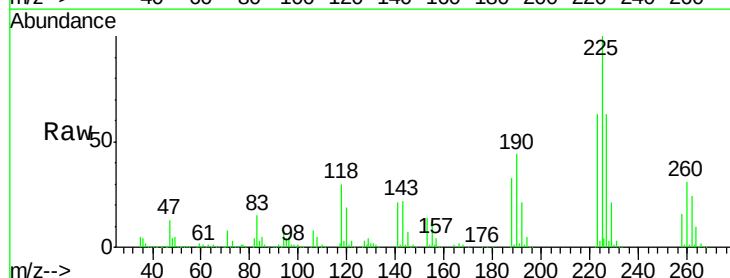


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

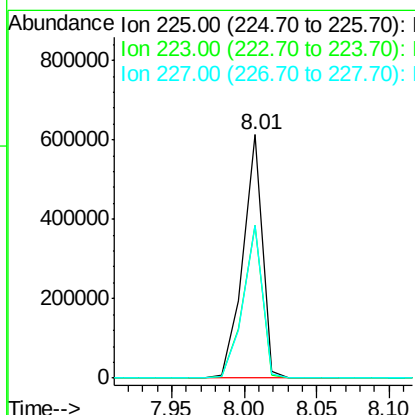
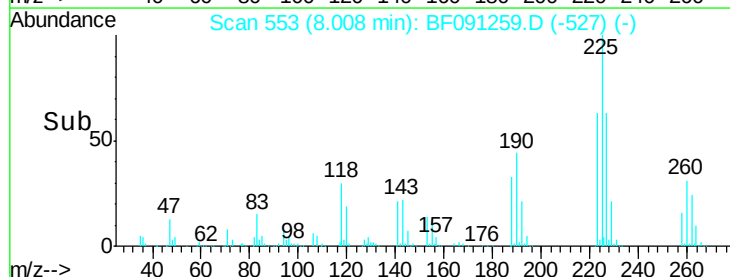


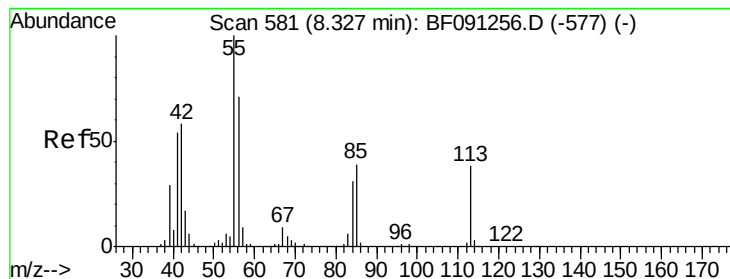
#34
Hexachlorobutadiene
Concen: 91.62 ng
RT: 8.01 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

Tgt Ion:225 Resp: 570696
Ion Ratio Lower Upper
225 100
223 62.6 49.8 74.6
227 62.8 52.6 79.0



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





#35

Caprolactam

Concen: 72.95 ng

RT: 8.36 min Scan# 584

Delta R.T. 0.03 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

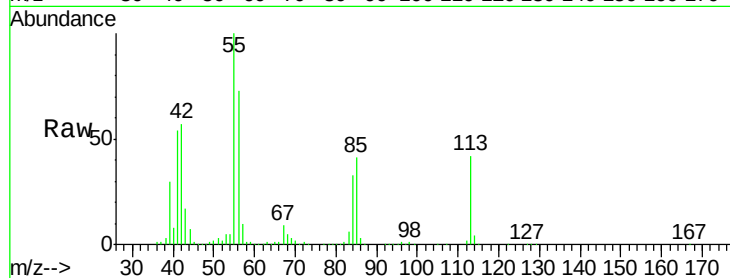
Tot Ion:113 Resp: 227930

Ion Ratio Lower Upper

113 100

55 238.2 239.8 279.8#

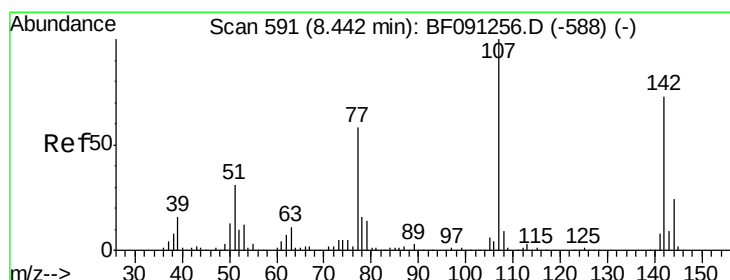
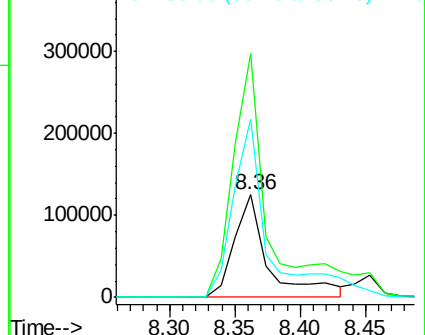
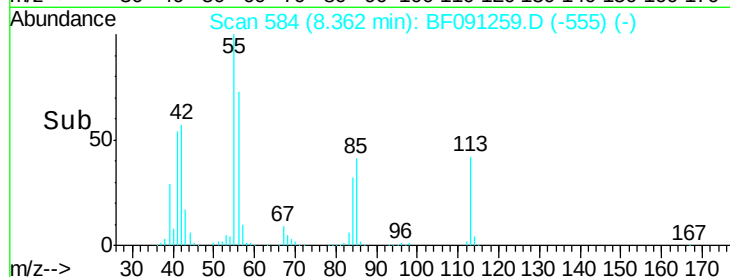
56 174.2 165.6 205.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 70.10 ng

RT: 8.45 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

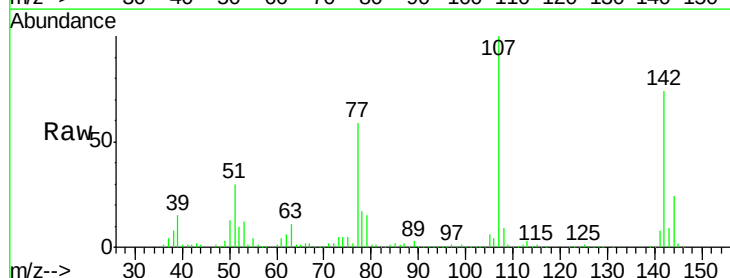
Tgt Ion:107 Resp: 842193

Ion Ratio Lower Upper

107 100

144 24.0 18.9 28.3

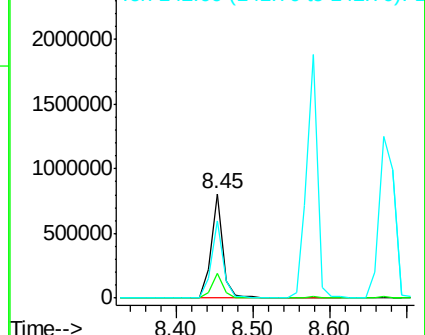
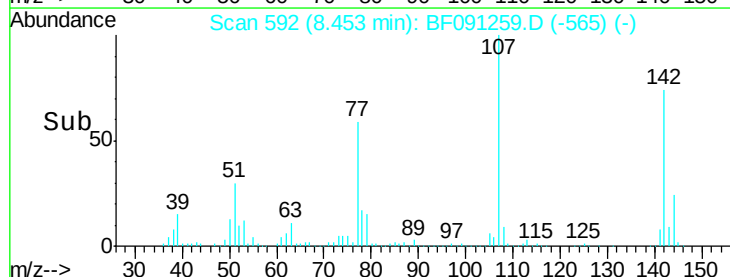
142 73.7 58.5 87.7

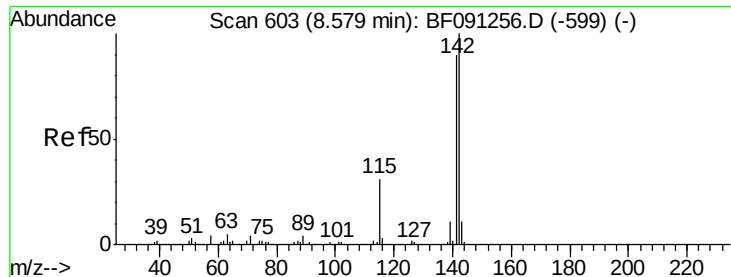


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

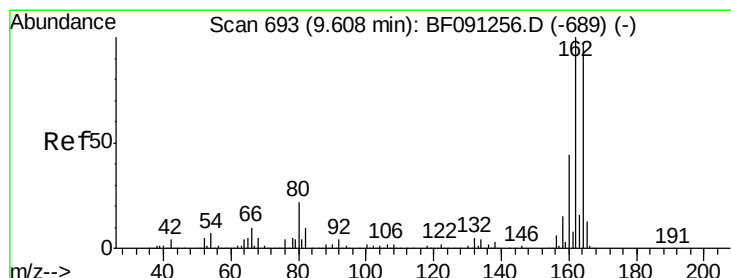
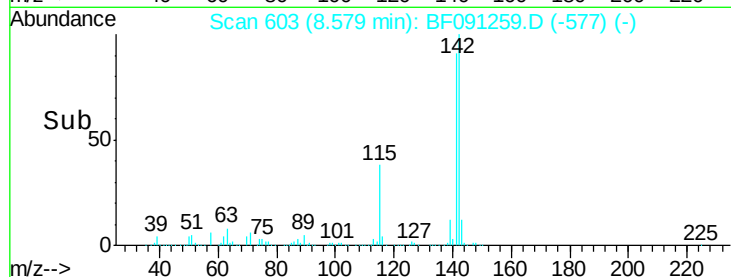
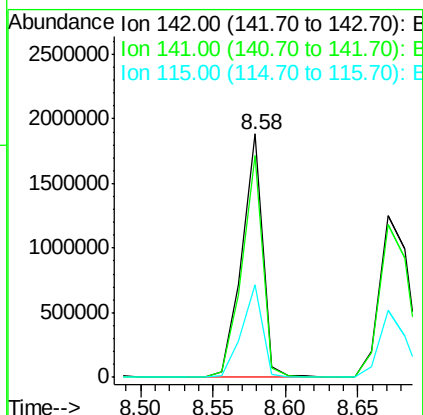
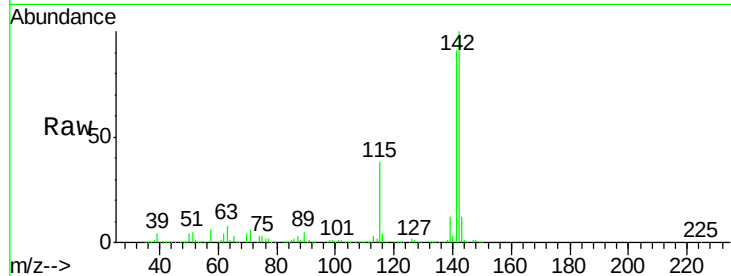




#37
2-Methylnaphthalene
Concen: 75.68 ng
RT: 8.58 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

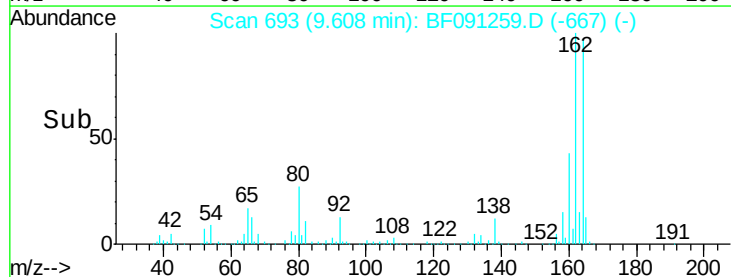
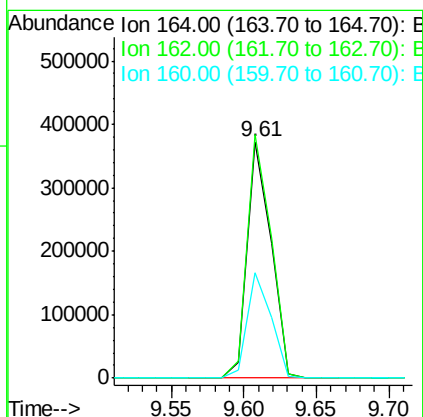
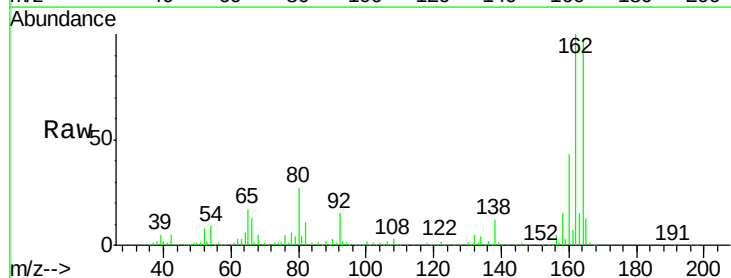
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

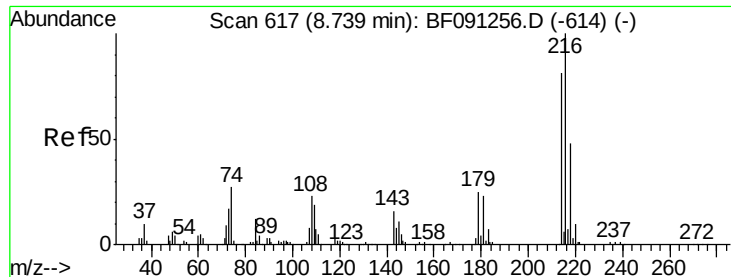
Tot Ion:142 Resp: 1886770
Ion Ratio Lower Upper
142 100
141 90.9 71.7 107.5
115 38.3 25.0 37.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

Tgt Ion:164 Resp: 423780
Ion Ratio Lower Upper
164 100
162 103.2 82.6 124.0
160 44.7 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 84.89 ng

RT: 8.75 min Scan# 618

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:216 Resp: 906788

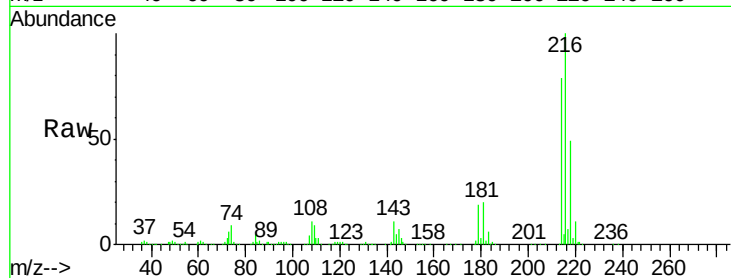
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.8

179 21.5 18.2 27.2

108 18.5 17.2 25.8

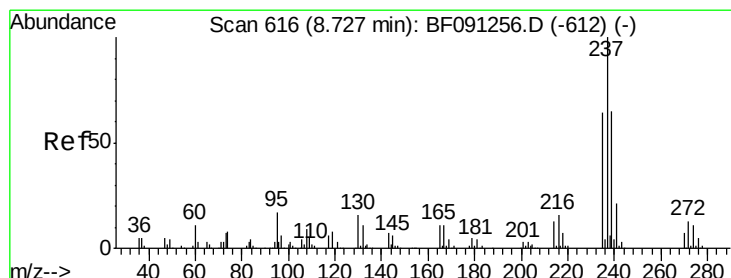
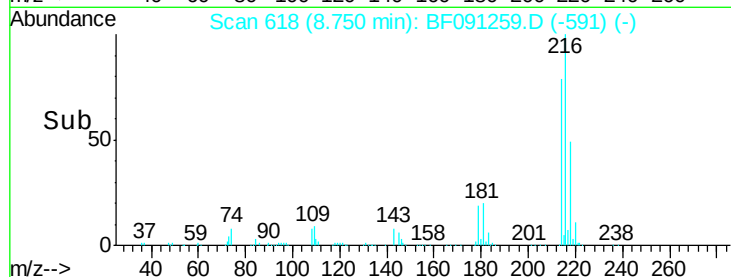
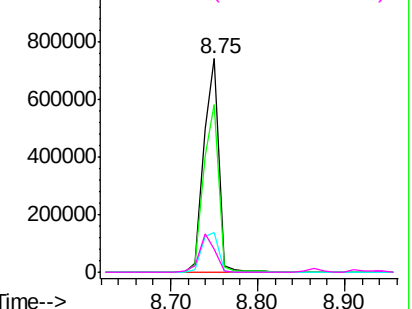


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.28 ng

RT: 8.73 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

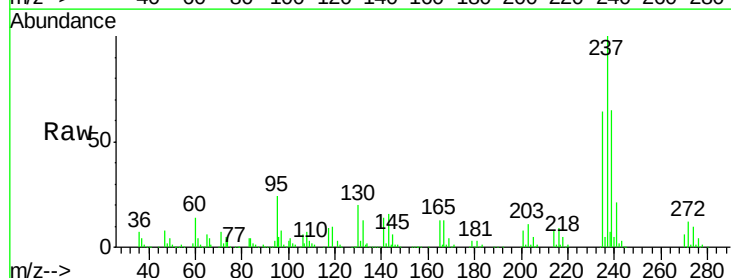
Tgt Ion:237 Resp: 304540

Ion Ratio Lower Upper

237 100

235 64.3 43.9 83.9

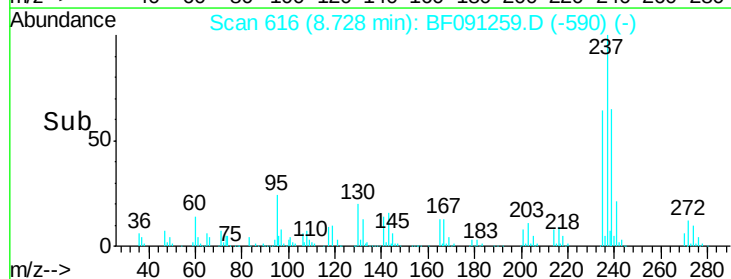
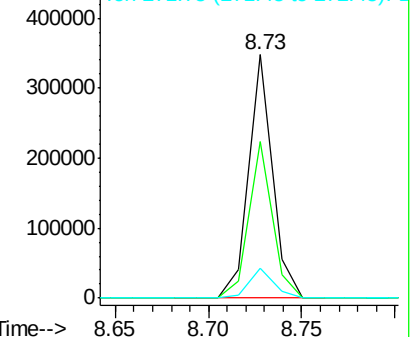
272 12.2 0.0 33.1

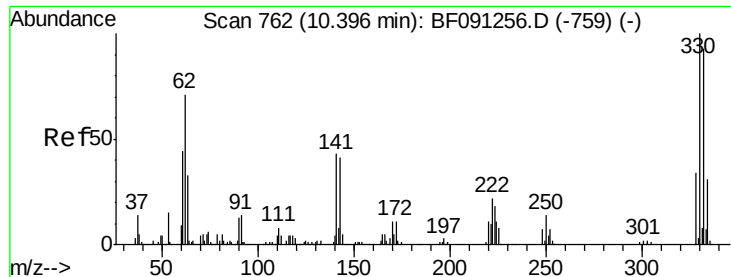


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

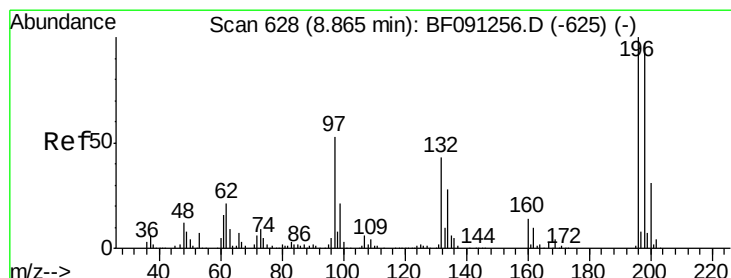
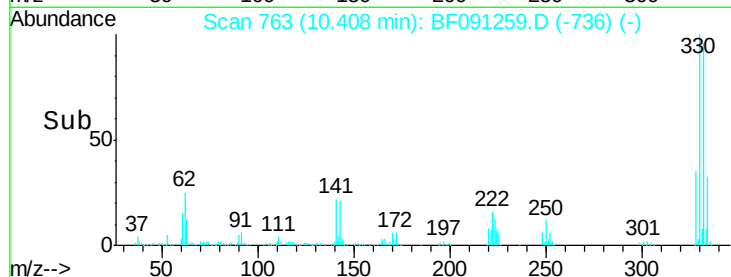
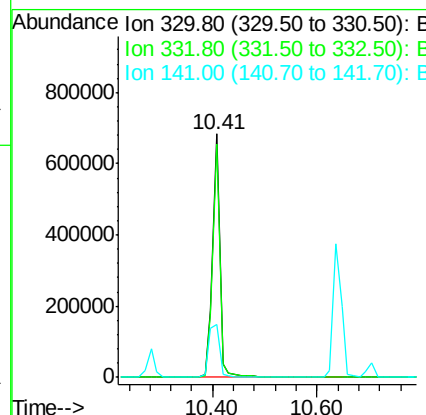
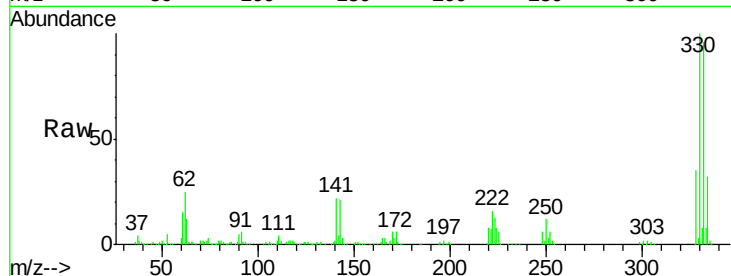




#41
 2,4,6-Tribromophenol
 Concen: 172.89 ng
 RT: 10.41 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

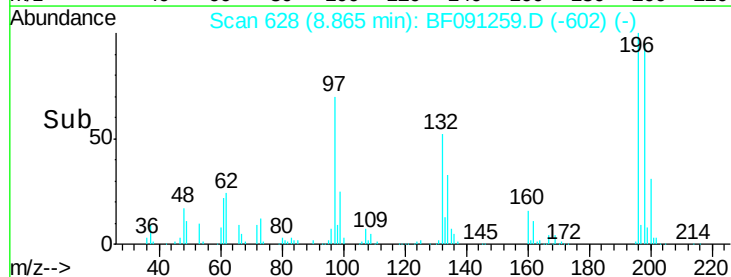
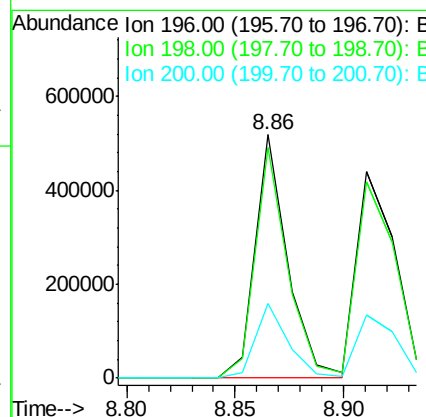
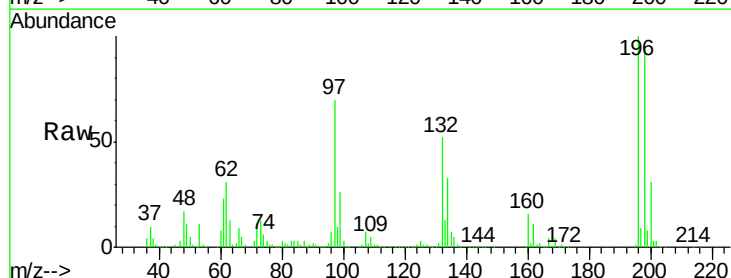
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

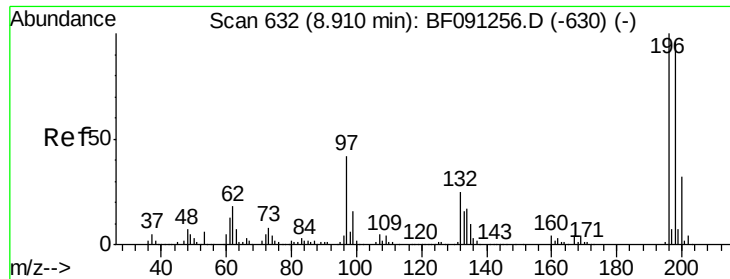
Tot Ion:330 Resp: 663386
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 32.9 33.6 50.4#



#42
 2,4,6-Trichlorophenol
 Concen: 78.09 ng
 RT: 8.86 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

Tgt Ion:196 Resp: 541132
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.4 116.0
 200 30.6 25.2 37.8

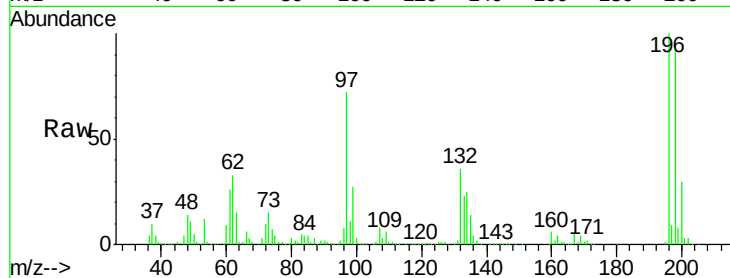




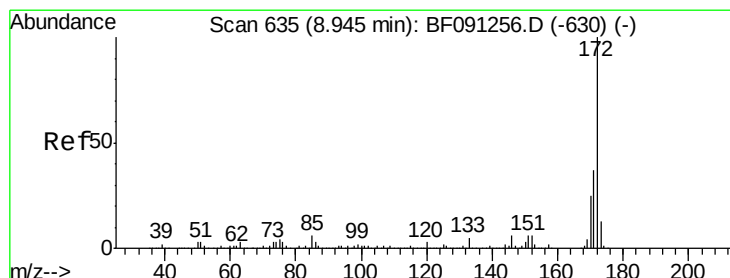
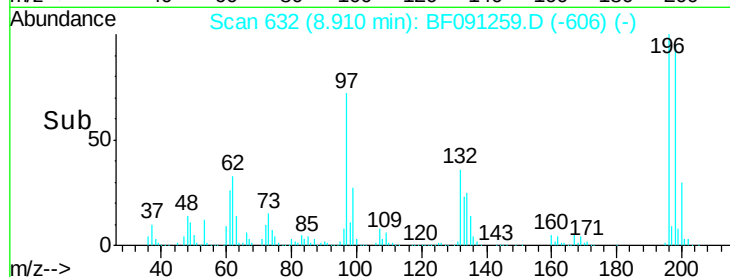
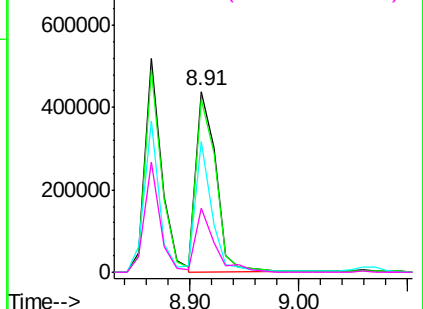
#43
 2,4,5-Trichlorophenol
 Concen: 76.64 ng
 RT: 8.91 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:196 Resp: 555682
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.0 115.6
 97 72.0 33.5 50.3#
 132 35.6 20.5 30.7#

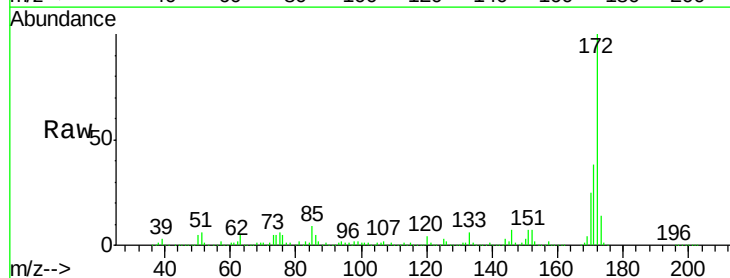


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

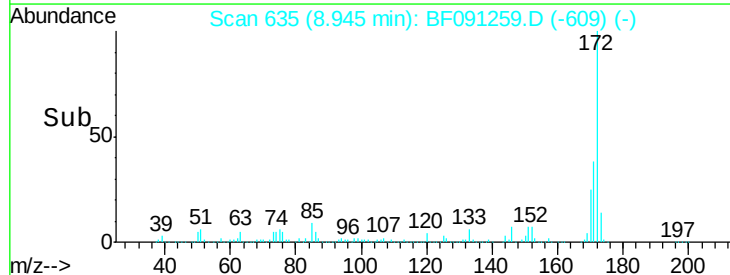
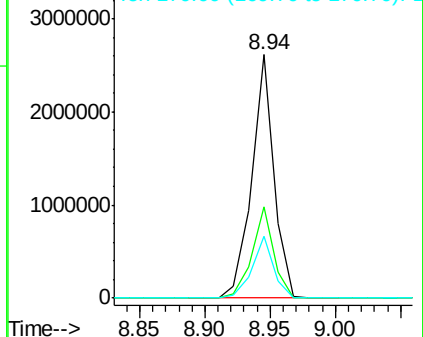


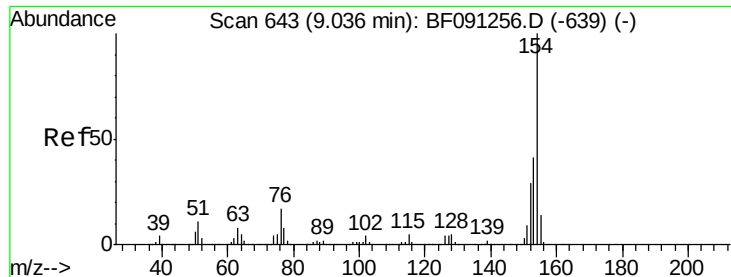
#44
 2-Fluorobiphenyl
 Concen: 125.22 ng
 RT: 8.94 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

Tgt Ion:172 Resp: 3102875
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.4 44.0
 170 25.5 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: 77.15 ng

RT: 9.05 min Scan# 644

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

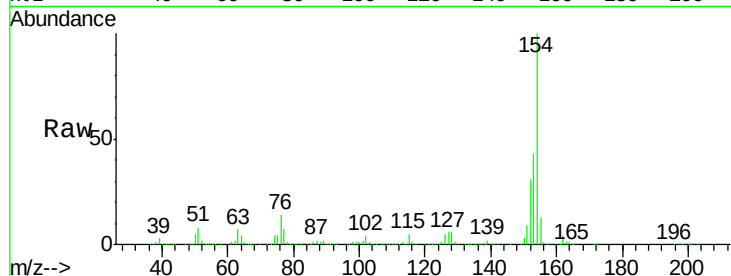
BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 2355771

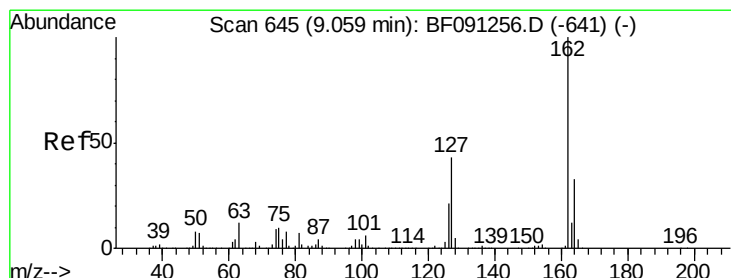
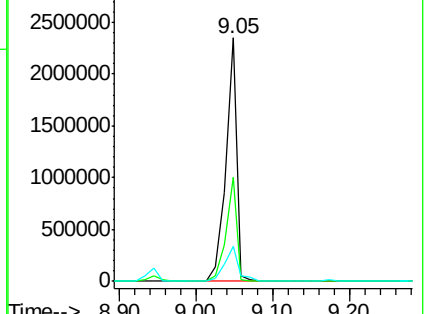
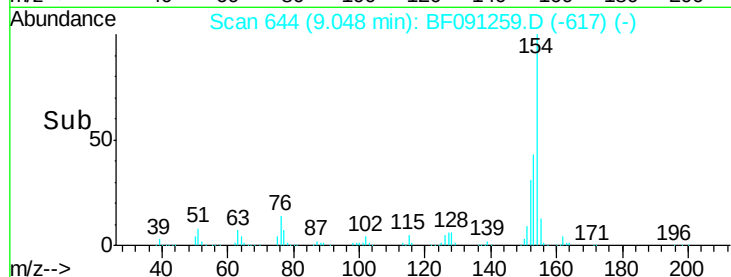
Ion	Ratio	Lower	Upper
154	100		
153	42.7	20.6	60.6
76	14.2	0.0	36.6



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: 76.59 ng

RT: 9.07 min Scan# 646

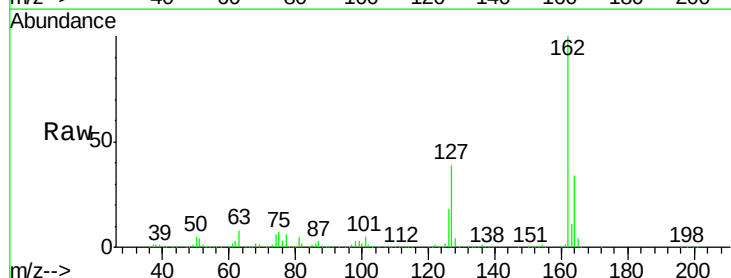
Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Tgt Ion:162 Resp: 1777991

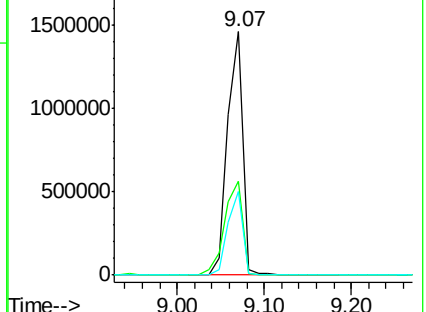
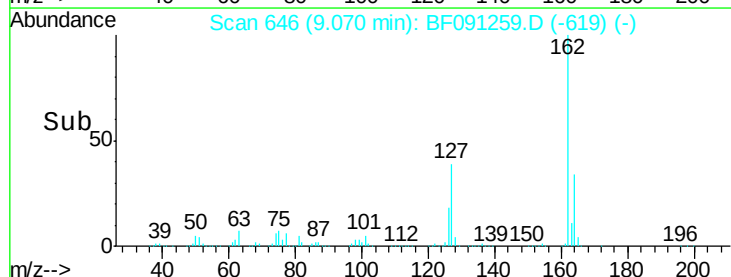
Ion	Ratio	Lower	Upper
162	100		
127	38.8	34.3	51.5
164	34.4	26.6	40.0

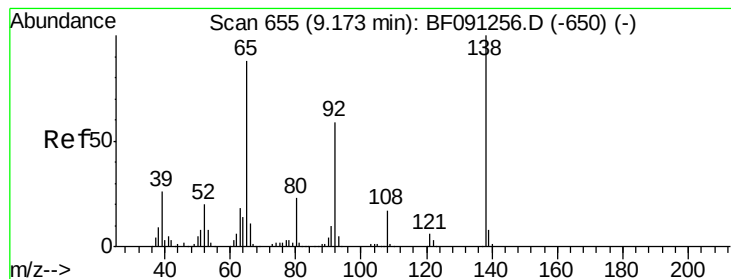


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 75.26 ng

RT: 9.17 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

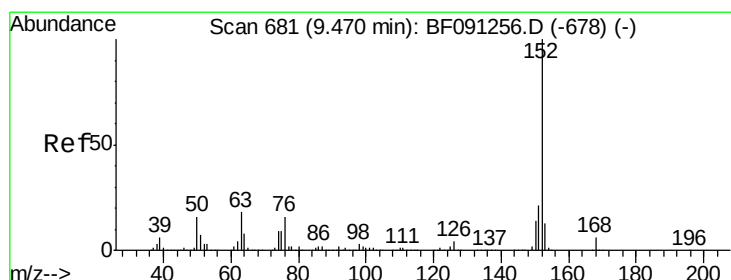
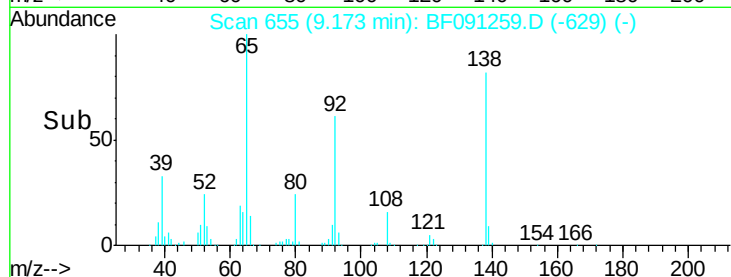
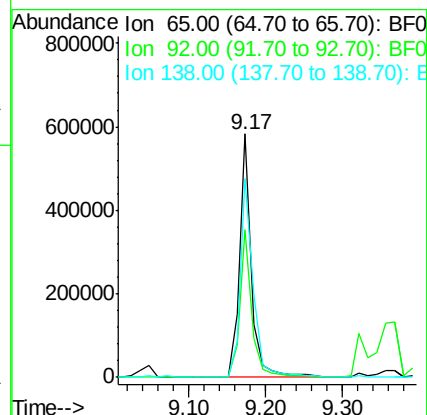
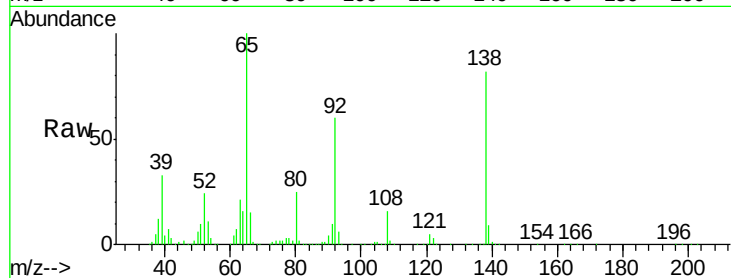
Tot Ion: 65 Resp: 646717

Ion Ratio Lower Upper

65 100

92 60.4 53.6 80.4

138 81.8 91.0 136.6#



#48

Acenaphthylene

Concen: 71.96 ng

RT: 9.47 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

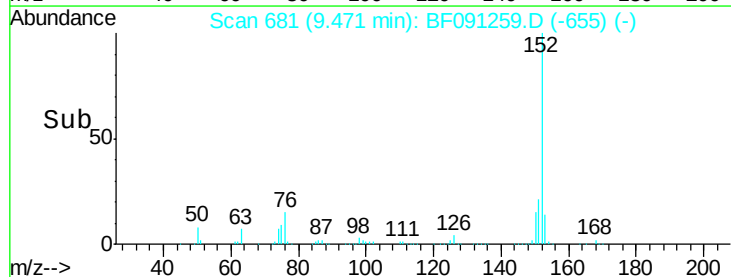
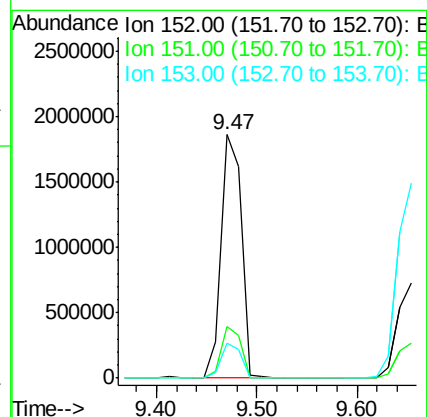
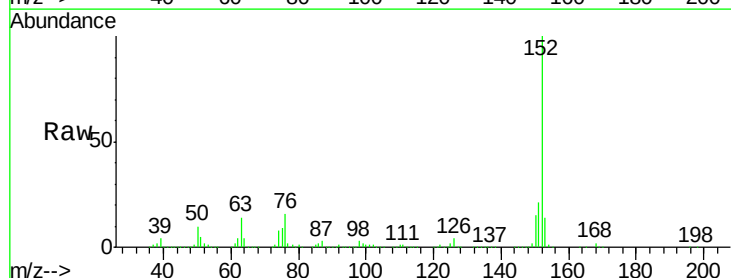
Tgt Ion: 152 Resp: 2615923

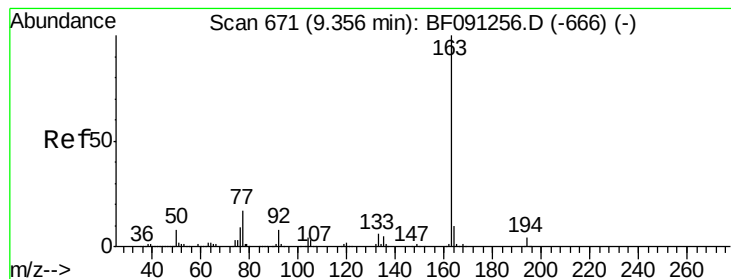
Ion Ratio Lower Upper

152 100

151 21.3 16.6 24.8

153 14.2 10.7 16.1





#49

Dimethylphthalate

Concen: 77.48 ng

RT: 9.37 min Scan# 672

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

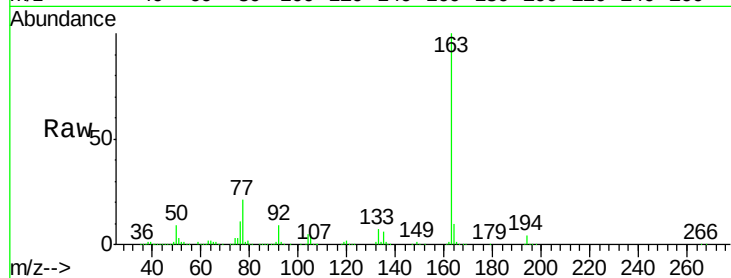
Tot Ion:163 Resp: 2155771

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

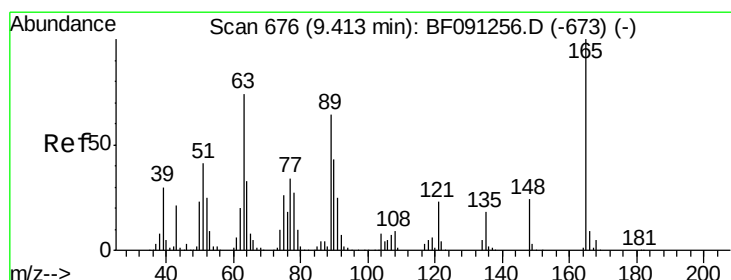
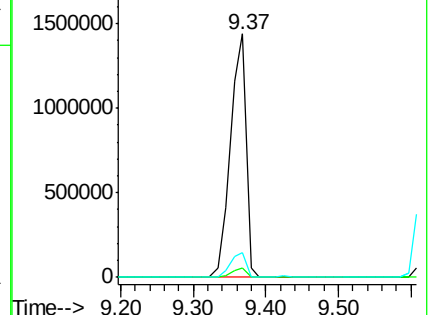
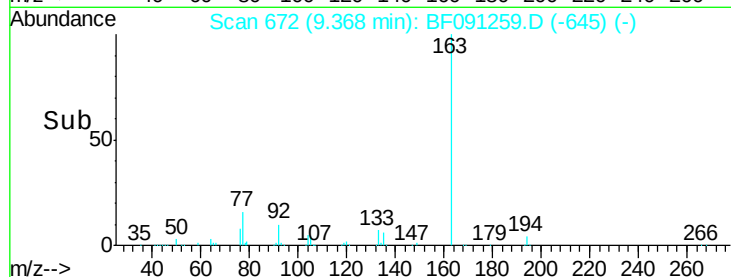
164 10.3 7.8 11.8



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: 79.46 ng

RT: 9.42 min Scan# 677

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

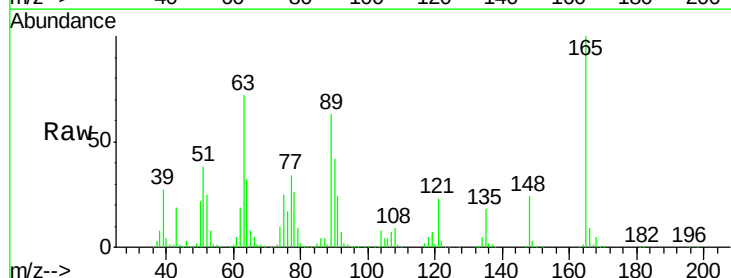
Tgt Ion:165 Resp: 477291

Ion Ratio Lower Upper

165 100

63 72.5 59.4 89.0

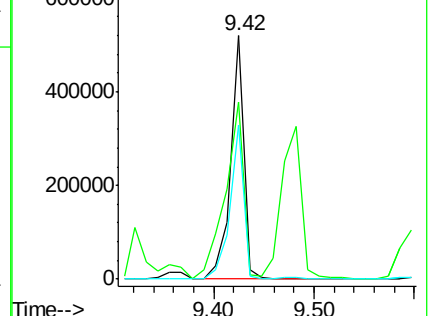
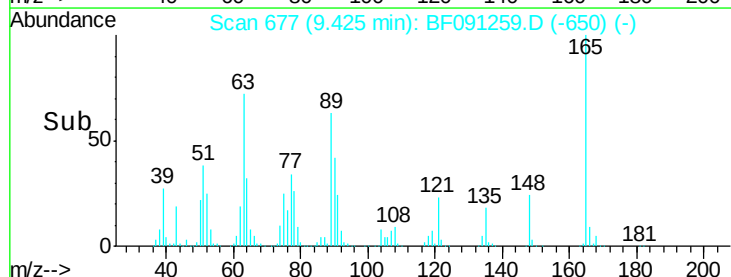
89 63.4 50.8 76.2

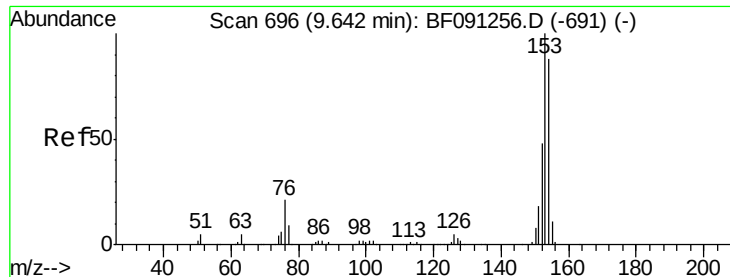


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 73.31 ng

RT: 9.65 min Scan# 697

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

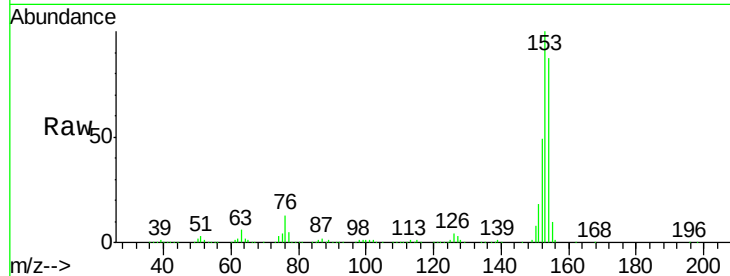
Tot Ion:154 Resp: 1682459

Ion Ratio Lower Upper

154 100

153 114.8 91.0 136.6

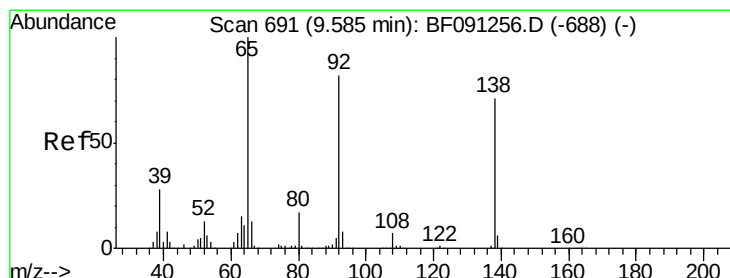
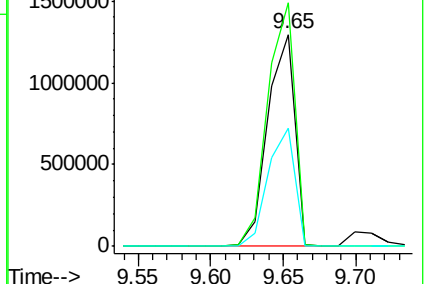
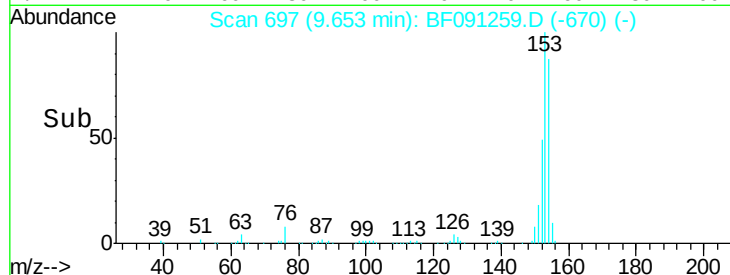
152 55.8 44.2 66.2



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: 78.37 ng

RT: 9.60 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

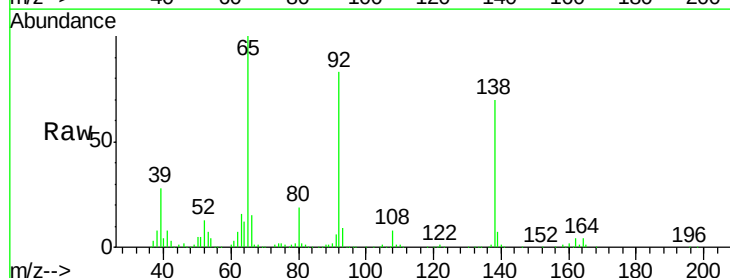
Tgt Ion:138 Resp: 549595

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

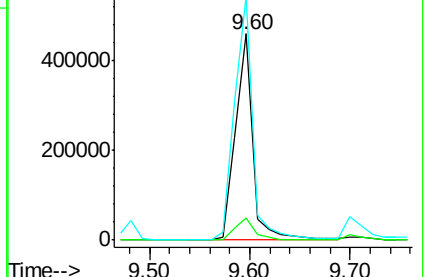
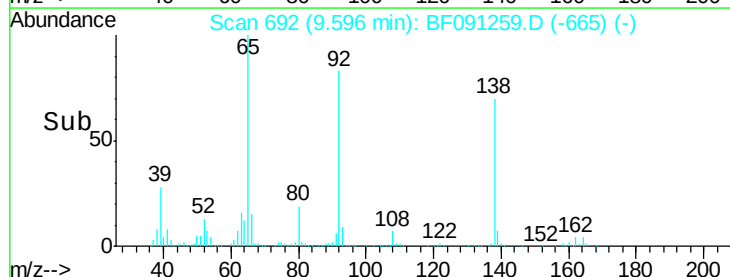
92 118.1 92.5 138.7

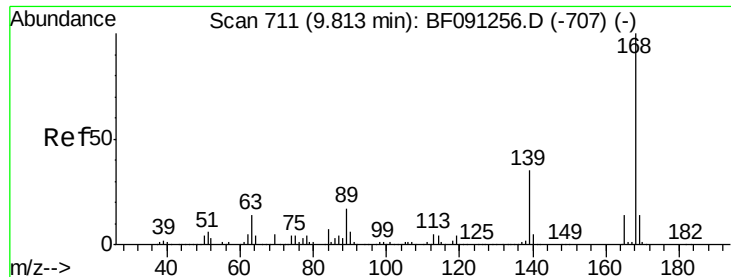


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

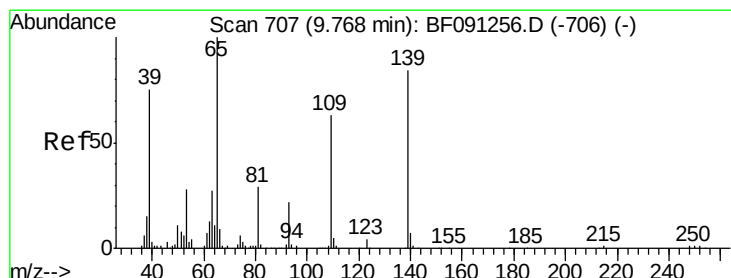
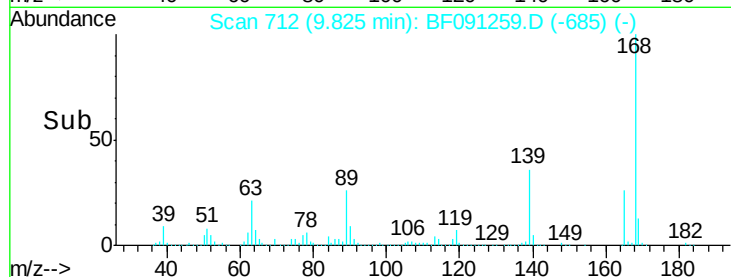
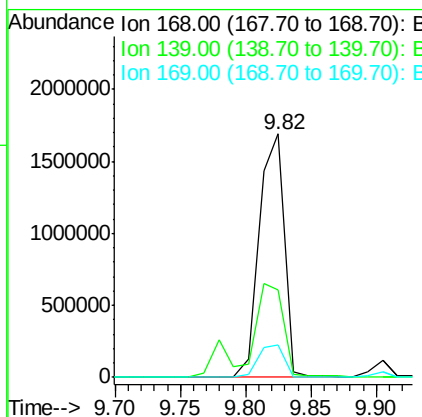
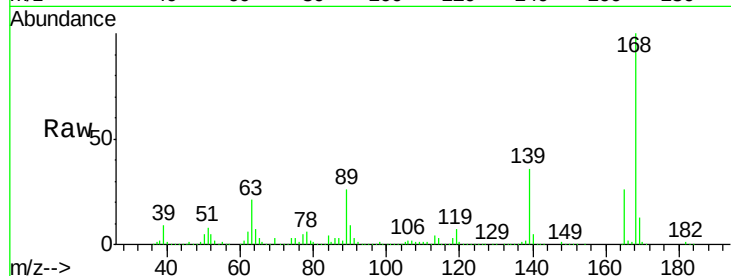




#54
Dibenzenofuran
Concen: 73.49 ng
RT: 9.82 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

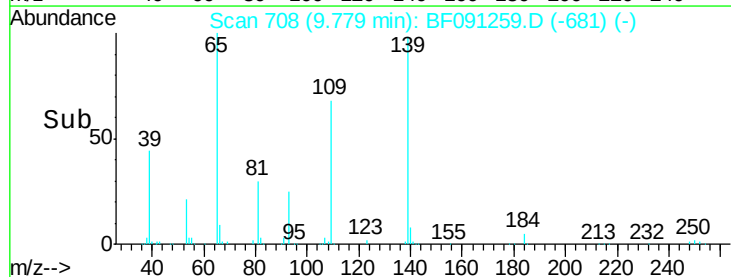
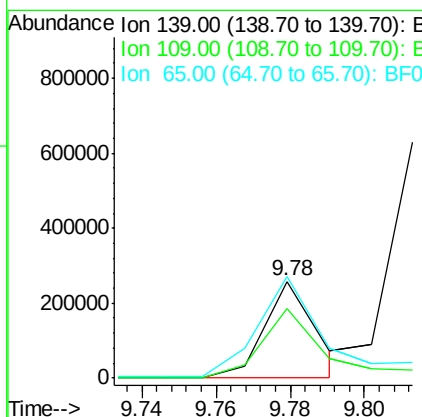
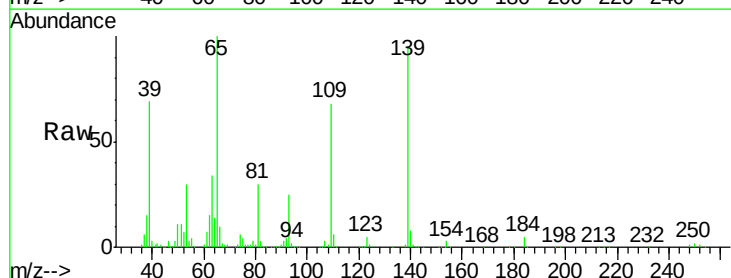
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

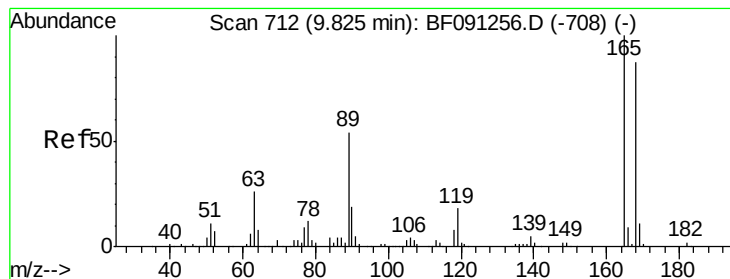
Tot Ion:168 Resp: 2270223
Ion Ratio Lower Upper
168 100
139 35.9 33.4 50.2
169 13.2 11.1 16.7



#55
4-Nitrophenol
Concen: 68.64 ng m
RT: 9.78 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

Tgt Ion:139 Resp: 250104
Ion Ratio Lower Upper
139 100
109 71.6 54.9 94.9
65 105.2 102.2 142.2

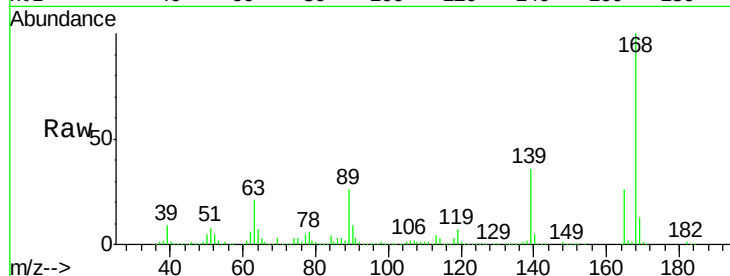




#56
2,4-Dinitrotoluene
Concen: 70.21 ng
RT: 9.82 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:165	Resp:	517118
Ion Ratio	Lower	Upper
165	100	
63	80.5	29.0 43.4#
89	101.6	43.1 64.7#
182	2.4	1.9 2.9

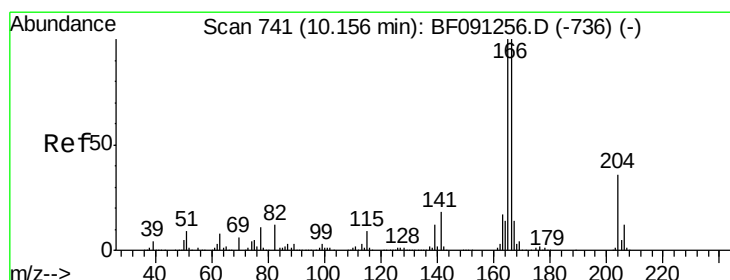
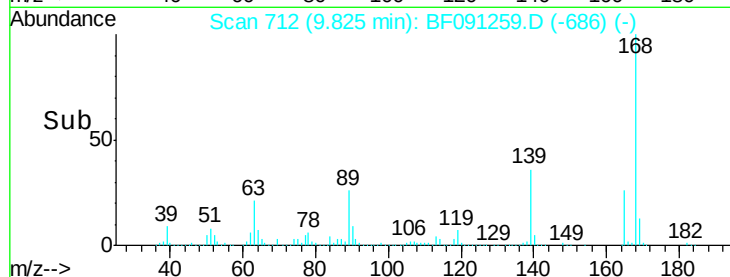
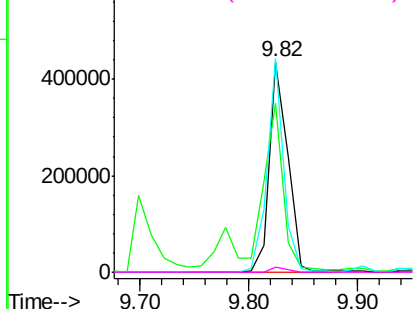


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

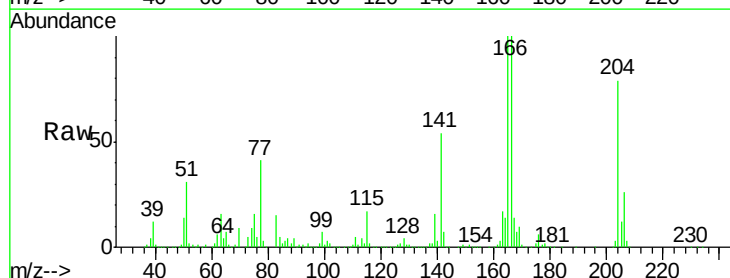
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 69.62 ng
RT: 10.16 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

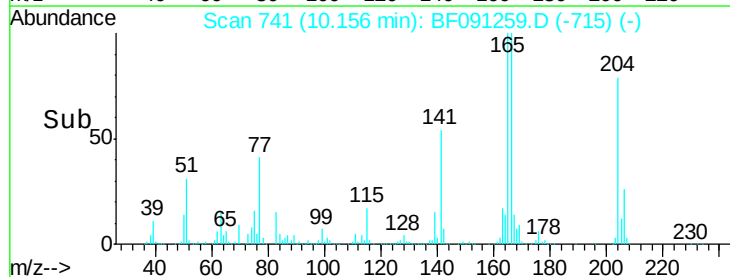
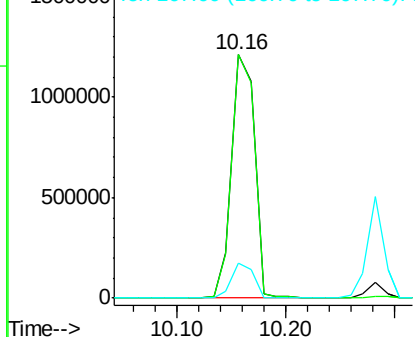
Tgt Ion:166	Resp:	1754224
Ion Ratio	Lower	Upper
166	100	
165	99.9	80.0 120.0
167	14.2	10.8 16.2

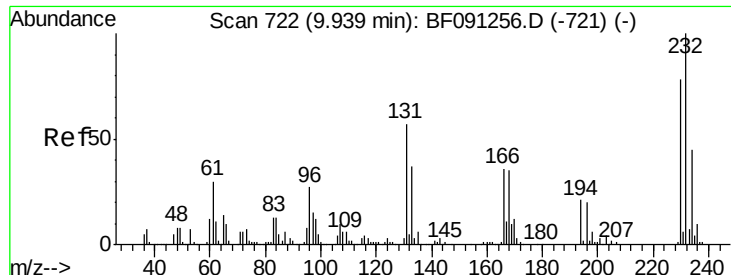


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

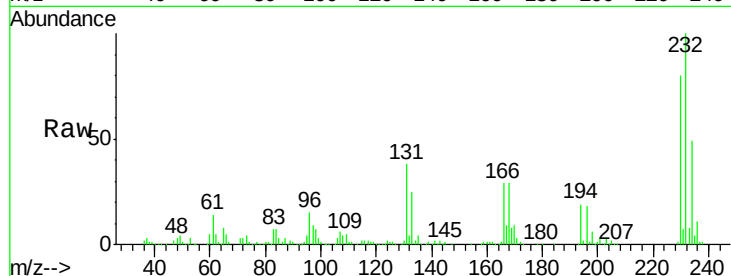




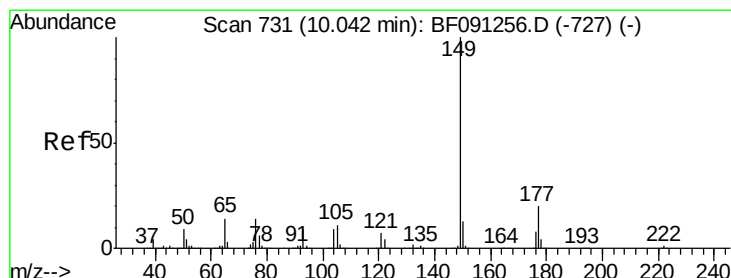
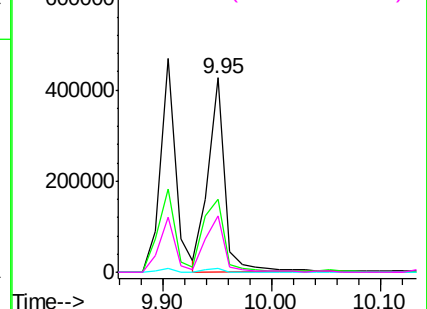
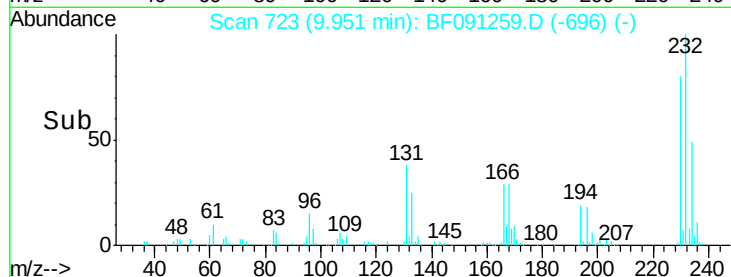
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 80.23 ng
 RT: 9.95 min Scan# 723
 Delta R.T. 0.01 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:232 Resp: 457930
 Ion Ratio Lower Upper
 232 100
 131 47.8 38.4 57.6
 130 2.4 1.8 2.8
 166 32.1 23.9 35.9

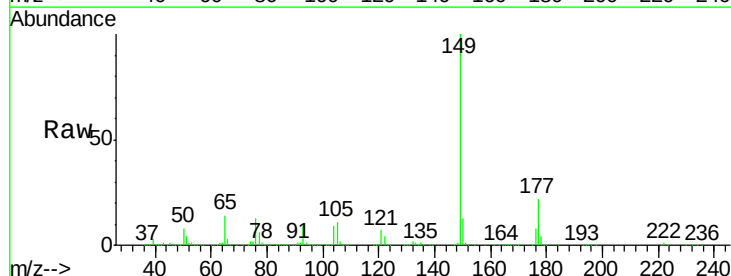


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

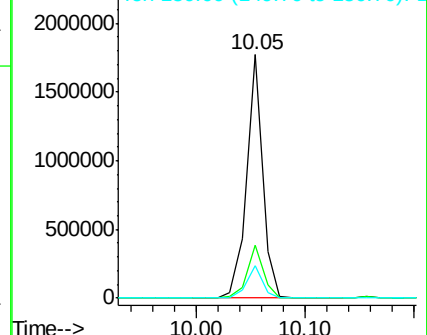
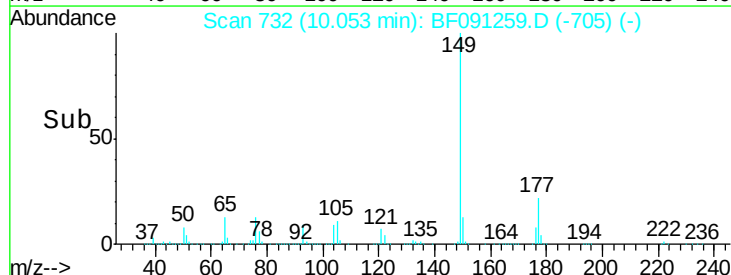


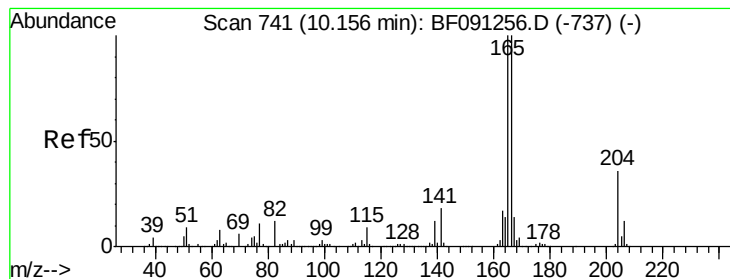
#59
 Diethylphthalate
 Concen: 64.17 ng
 RT: 10.05 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

Tgt Ion:149 Resp: 1783265
 Ion Ratio Lower Upper
 149 100
 177 21.6 15.7 23.5
 150 13.4 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: 72.36 ng

RT: 10.16 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

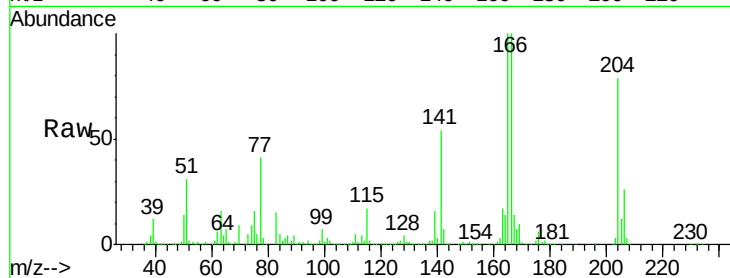
Tot Ion:204 Resp: 816541

Ion Ratio Lower Upper

204 100

206 32.8 26.1 39.1

141 67.8 40.6 61.0#



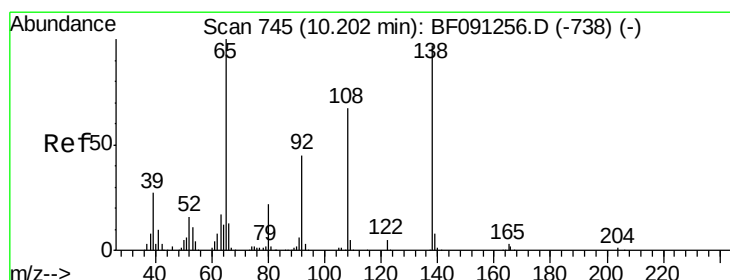
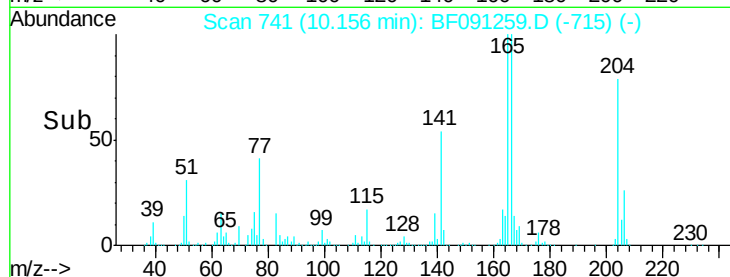
Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.16

Time-->



#61

4-Nitroaniline

Concen: 67.64 ng

RT: 10.21 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

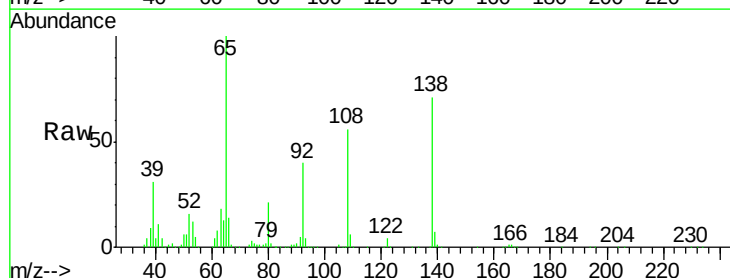
Tgt Ion:138 Resp: 475937

Ion Ratio Lower Upper

138 100

92 55.7 26.9 66.9

108 78.7 49.1 89.1



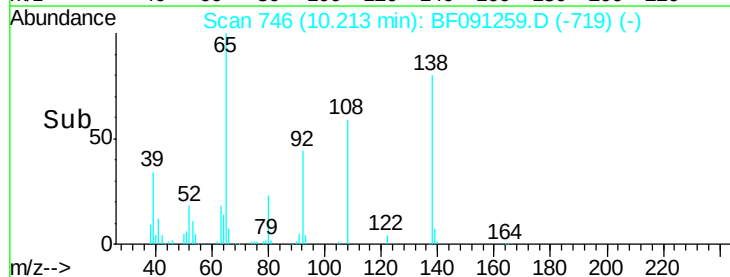
Abundance Ion 138.00 (137.70 to 138.70): E

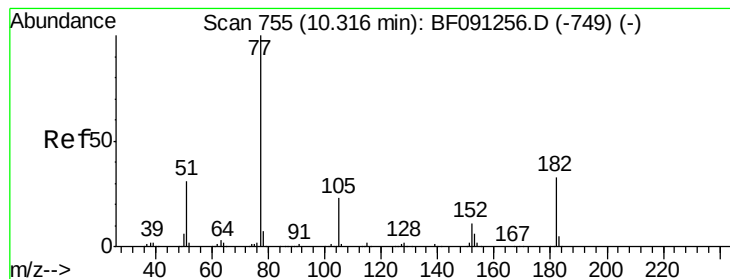
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

10.21

Time-->





#62

Azobenzene

Concen: 66.42 ng

RT: 10.32 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 2195812

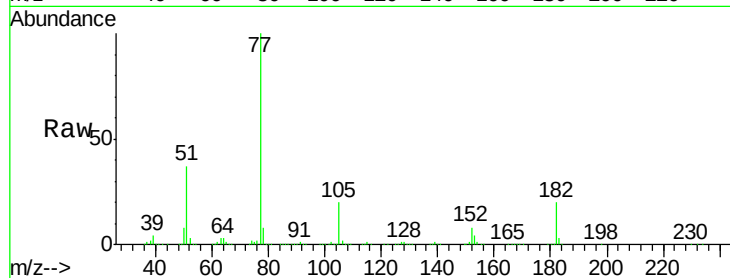
Ion	Ratio	Lower	Upper
77	100		
182	19.7	12.5	52.5
105	20.4	3.7	43.7
51	36.9	11.9	51.9

77 100

182 19.7 12.5 52.5

105 20.4 3.7 43.7

51 36.9 11.9 51.9



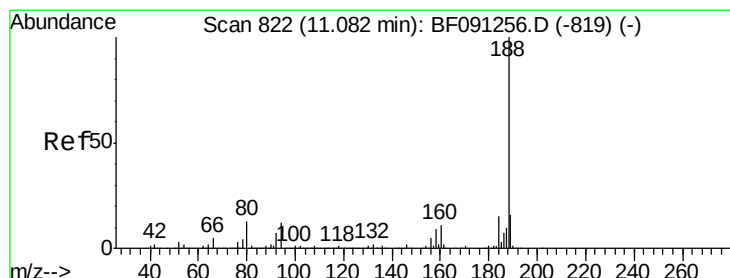
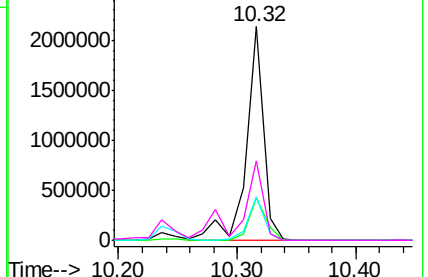
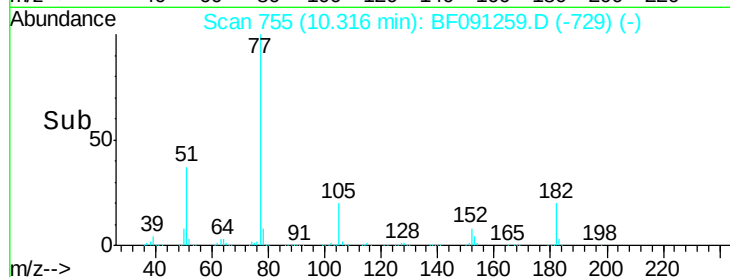
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

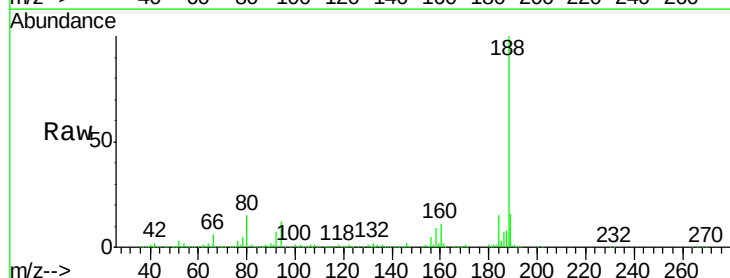
Tgt Ion: 188 Resp: 729061

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.2	13.8
80	14.6	10.5	15.7

188 100

94 12.2 9.2 13.8

80 14.6 10.5 15.7

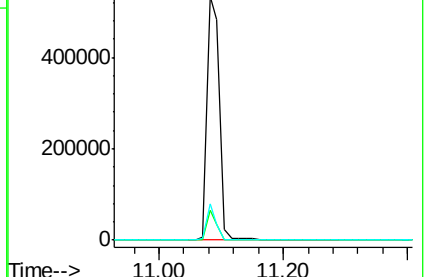
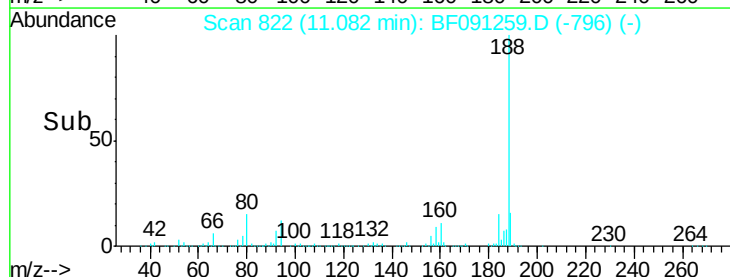


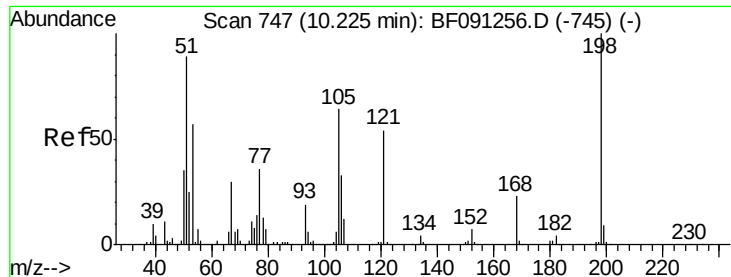
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->

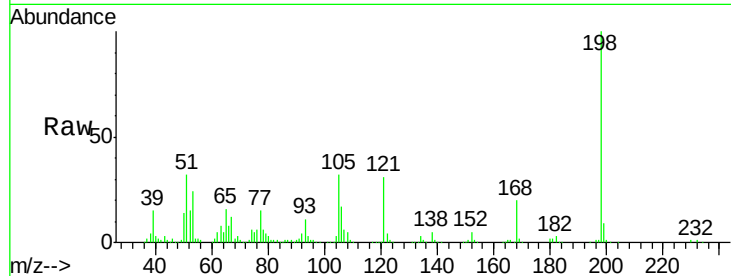




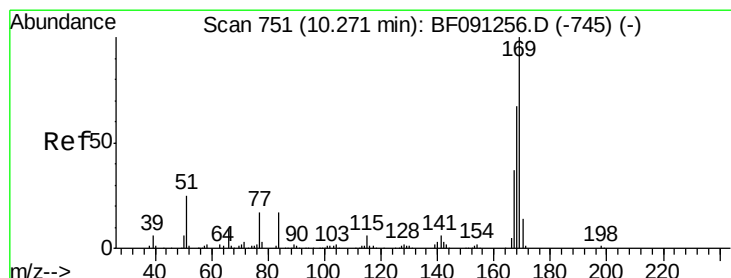
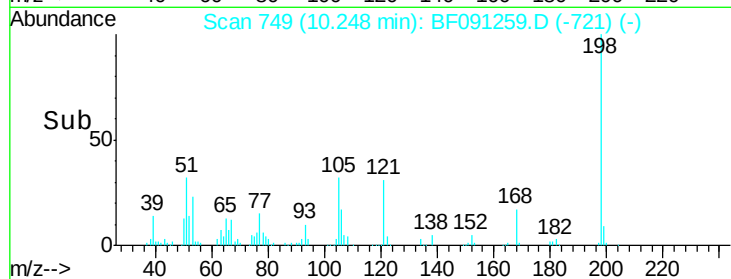
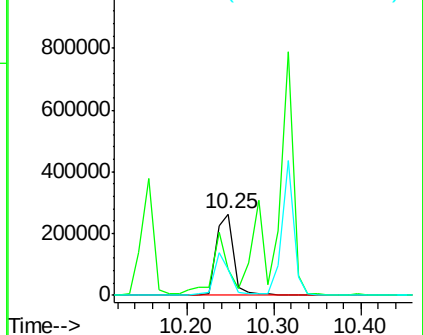
#64
4,6-Dinitro-2-methylphenol
Concen: 83.95 ng
RT: 10.25 min Scan# 749
Delta R.T. 0.02 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:198 Resp: 377063
Ion Ratio Lower Upper
198 100
51 32.3 77.1 117.1#
105 31.9 44.8 84.8#

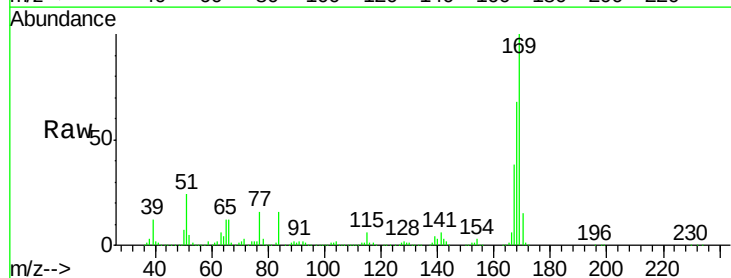


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

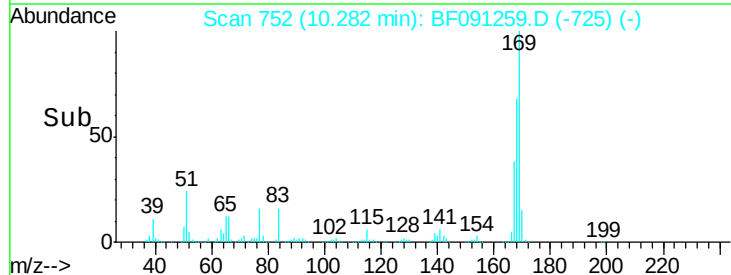
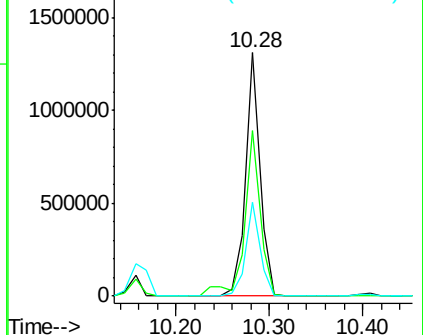


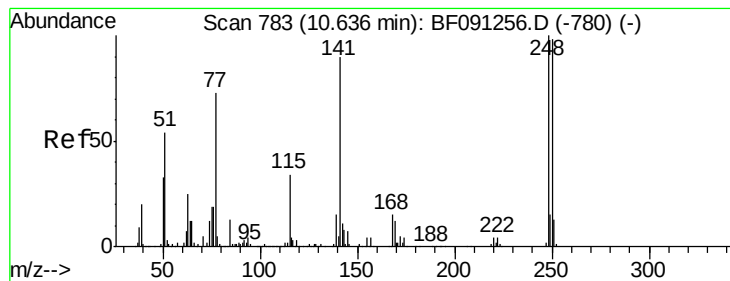
#65
n-Nitrosodiphenylamine
Concen: 61.82 ng
RT: 10.28 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

Tgt Ion:169 Resp: 1425853
Ion Ratio Lower Upper
169 100
168 68.1 53.8 80.8
167 38.3 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: 76.07 ng

RT: 10.65 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

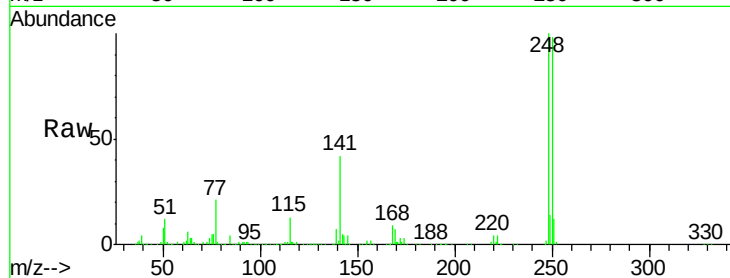
Tot Ion:248 Resp: 581875

Ion Ratio Lower Upper

248 100

250 98.2 78.2 117.4

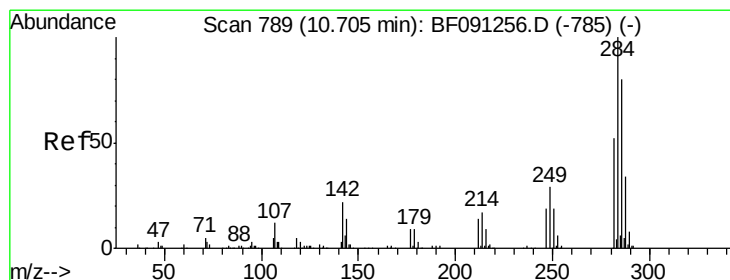
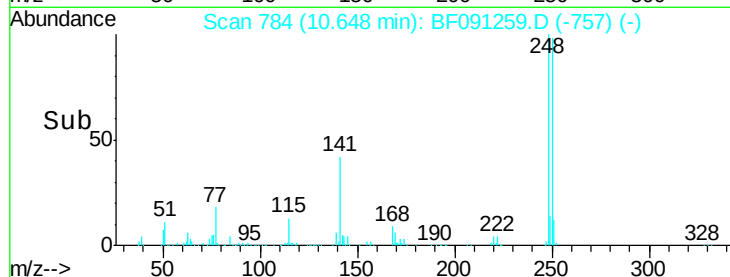
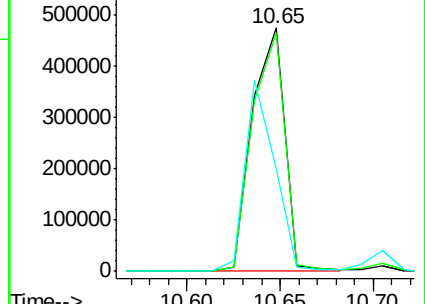
141 42.1 71.9 107.9#



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: 70.06 ng

RT: 10.70 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

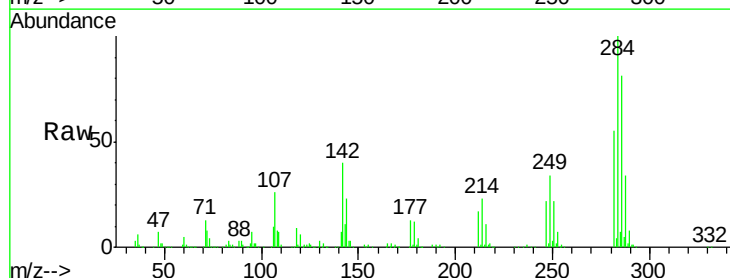
Tgt Ion:284 Resp: 582798

Ion Ratio Lower Upper

284 100

142 40.3 17.9 26.9#

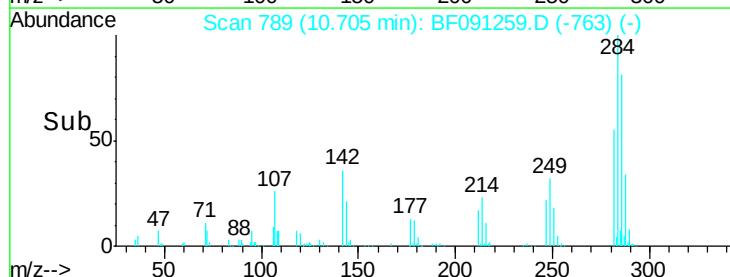
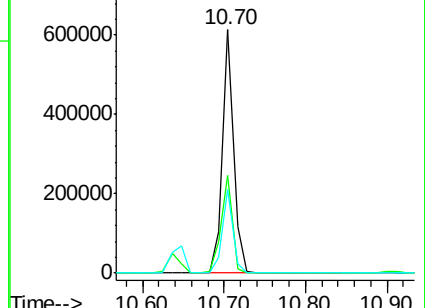
249 34.1 23.6 35.4

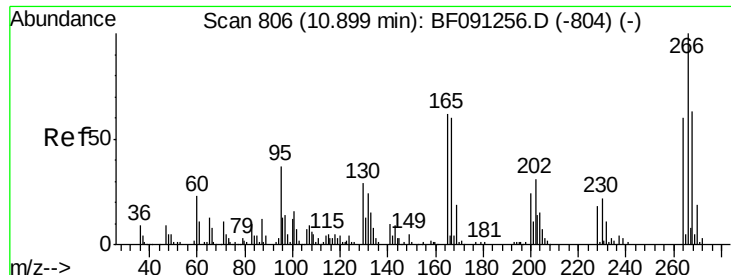


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

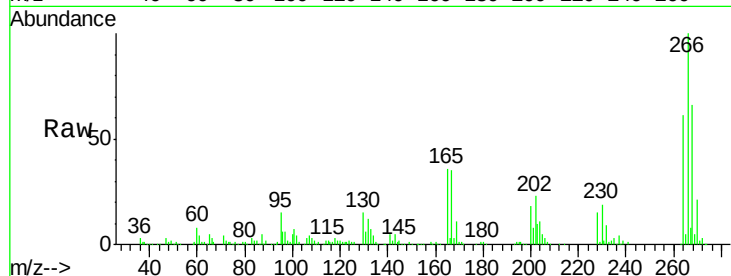




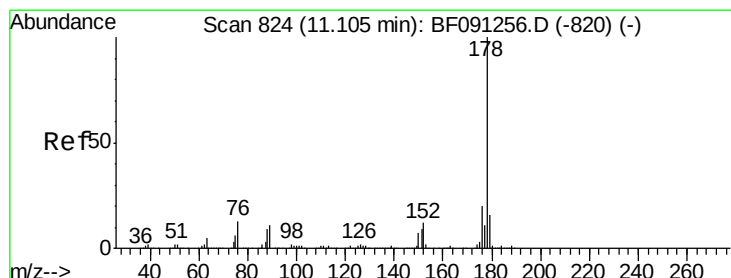
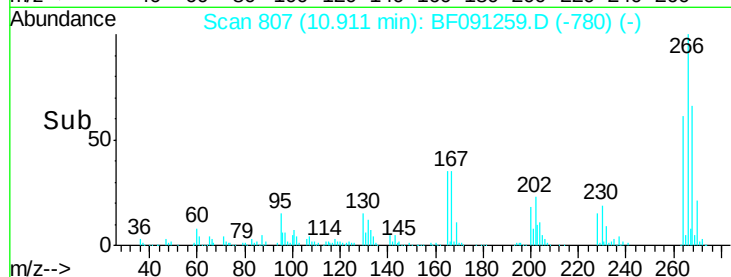
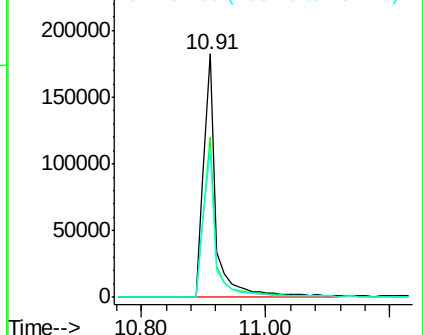
#69
 Pentachlorophenol
 Concen: 71.09 ng
 RT: 10.91 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:266 Resp: 258971
 Ion Ratio Lower Upper
 266 100
 268 65.7 50.3 75.5
 264 60.8 48.2 72.2

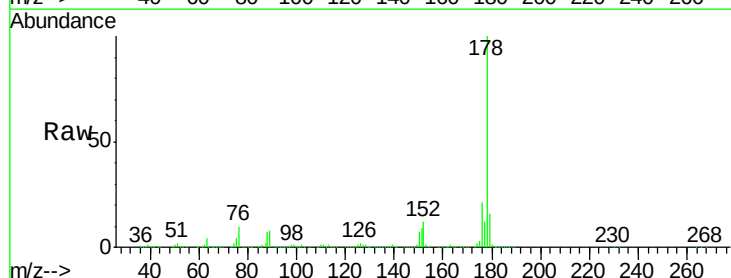


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

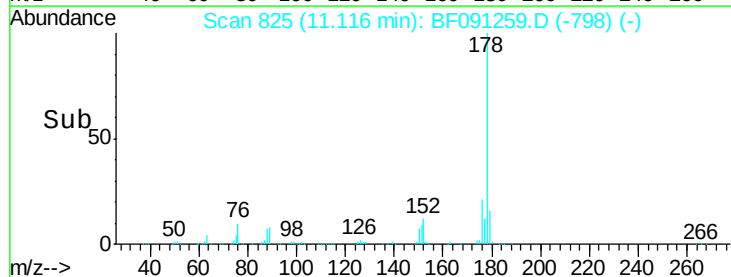
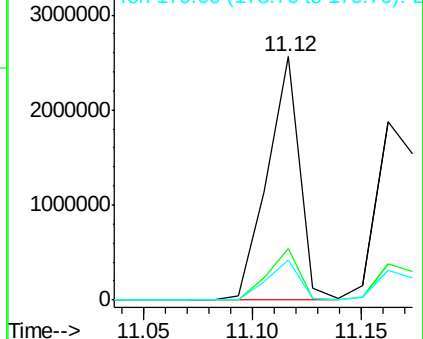


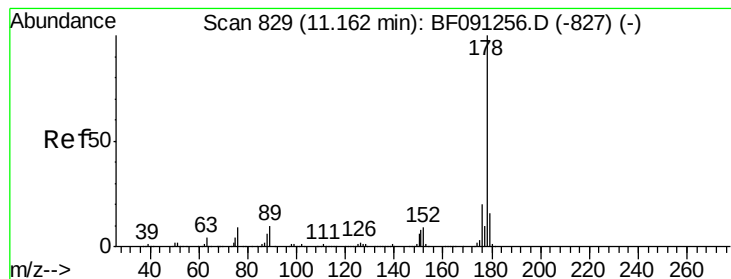
#70
 Phenanthrene
 Concen: 70.42 ng
 RT: 11.12 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

Tgt Ion:178 Resp: 2665499
 Ion Ratio Lower Upper
 178 100
 176 21.0 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: 62.09 ng

RT: 11.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

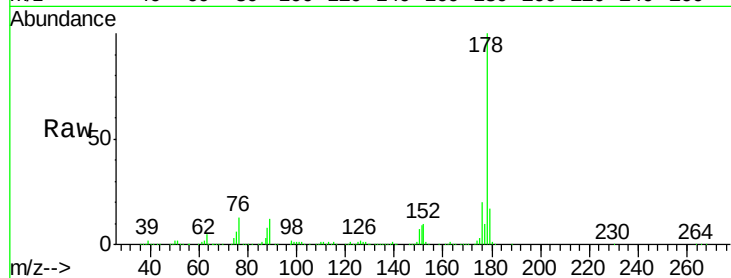
Tot Ion:178 Resp: 2557315

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.6

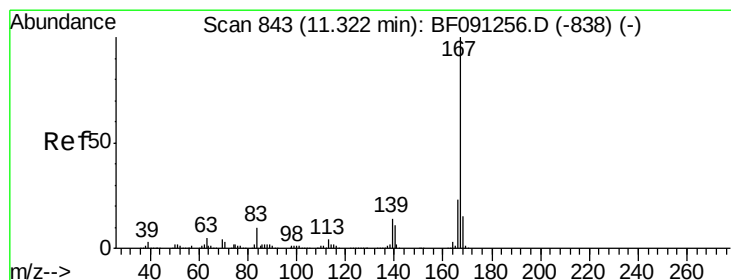
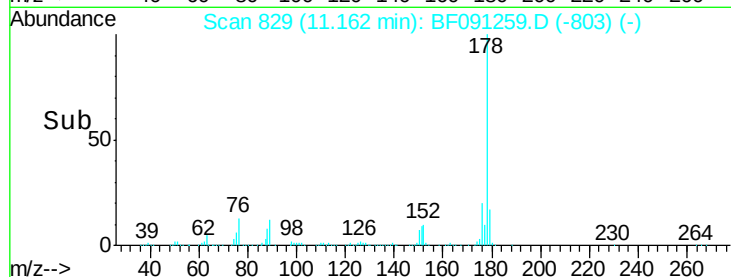
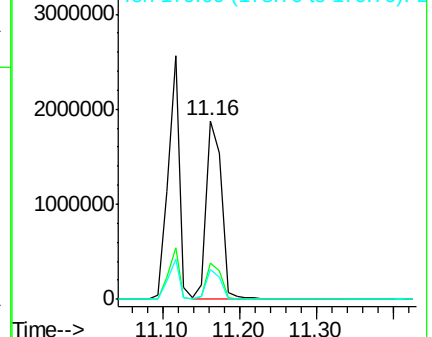
179 16.5 12.7 19.1



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: 70.46 ng

RT: 11.33 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

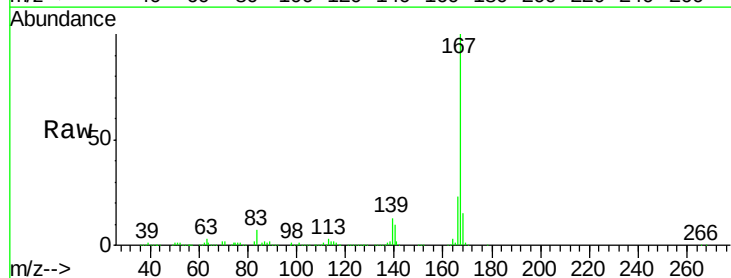
Tgt Ion:167 Resp: 2605689

Ion Ratio Lower Upper

167 100

166 22.7 18.1 27.1

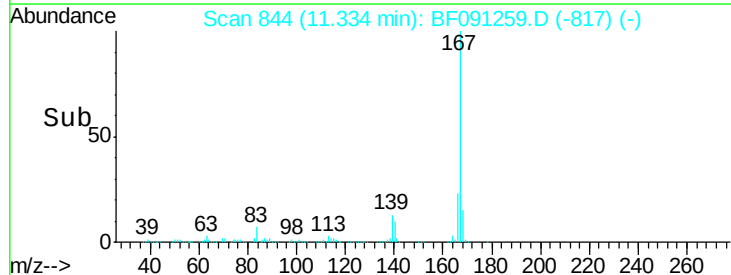
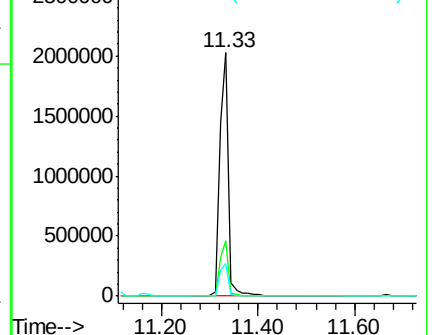
139 13.3 11.5 17.3

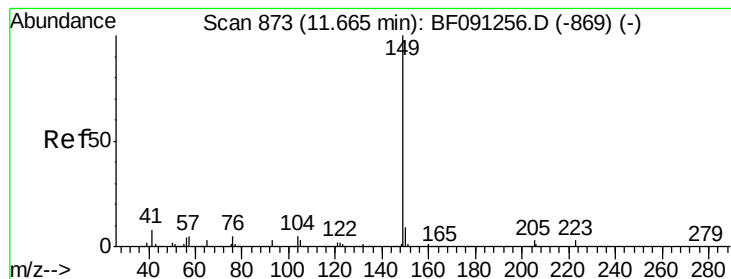


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 58.85 ng

RT: 11.67 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

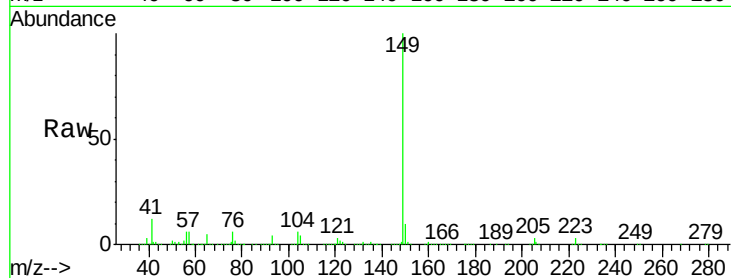
Tot Ion:149 Resp: 2691705

Ion Ratio Lower Upper

149 100

150 10.0 7.5 11.3

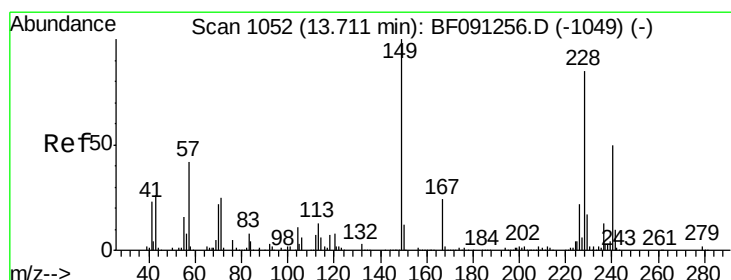
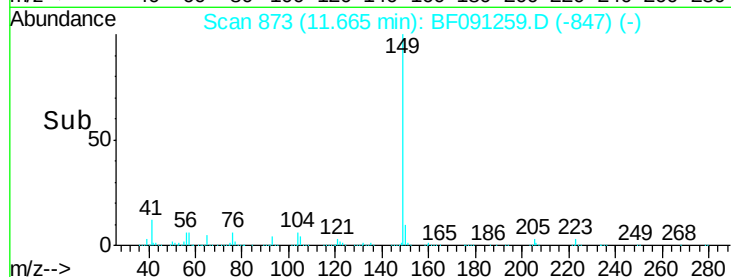
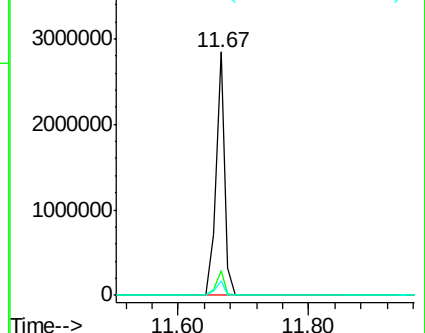
104 6.1 4.0 6.0#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.72 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

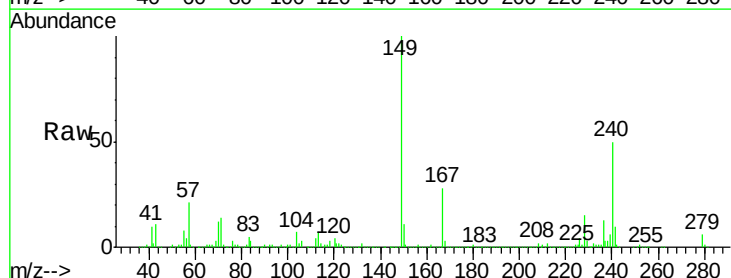
Tgt Ion:240 Resp: 478710

Ion Ratio Lower Upper

240 100

120 7.5 12.1 18.1#

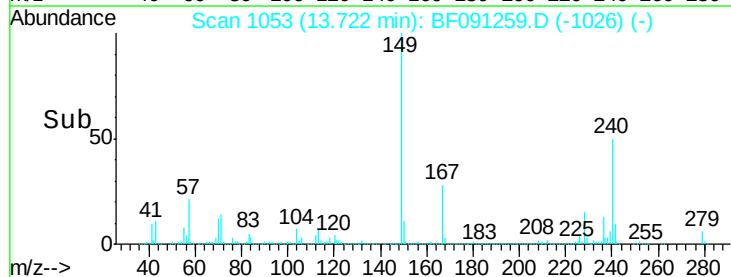
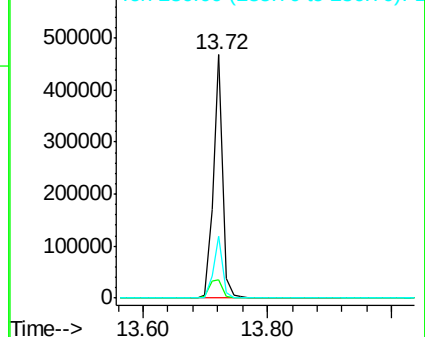
236 25.5 21.0 31.6

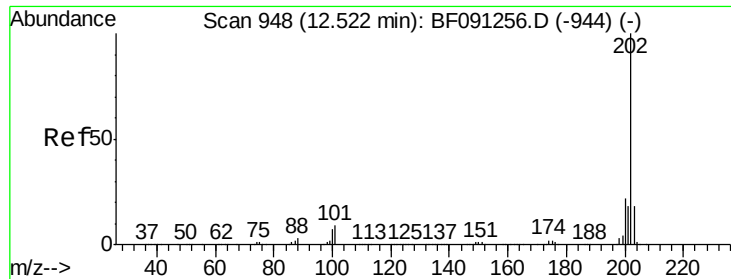


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 85.06 ng

RT: 12.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

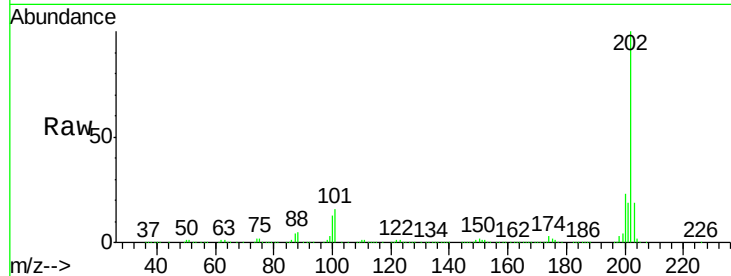
Tot Ion:202 Resp: 2749405

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.6	26.4
203	18.5	14.0	21.0

202 100

200 23.4 17.6 26.4

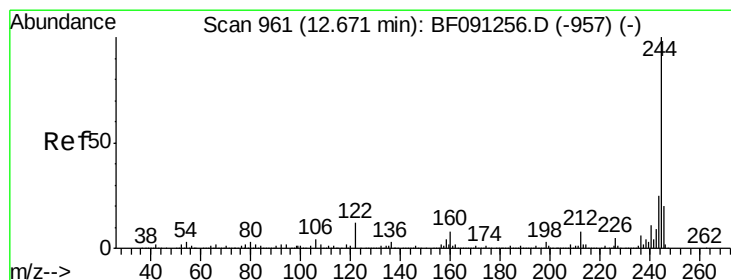
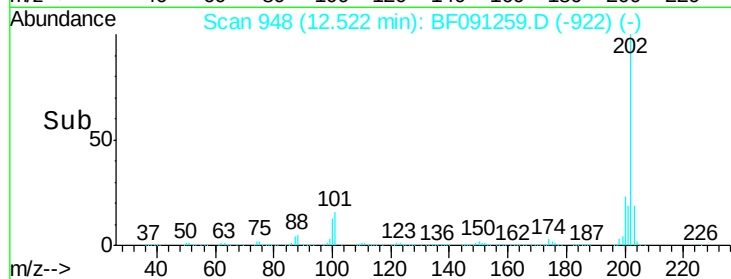
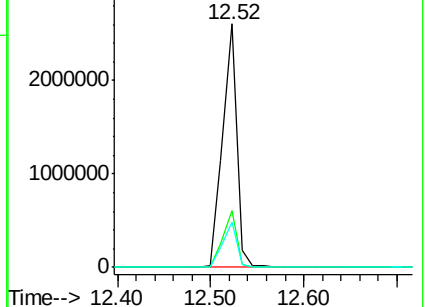
203 18.5 14.0 21.0



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: 175.99 ng

RT: 12.67 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

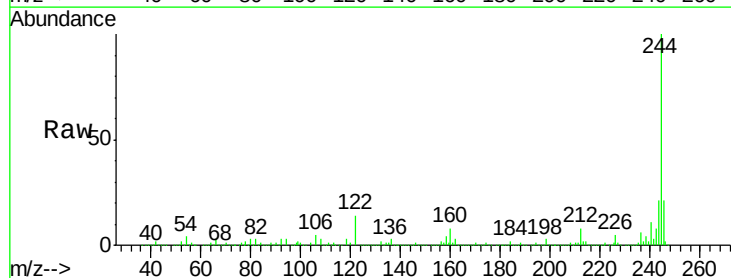
Tgt Ion:244 Resp: 3393783

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	14.2	9.5	14.3

244 100

212 8.3 6.5 9.7

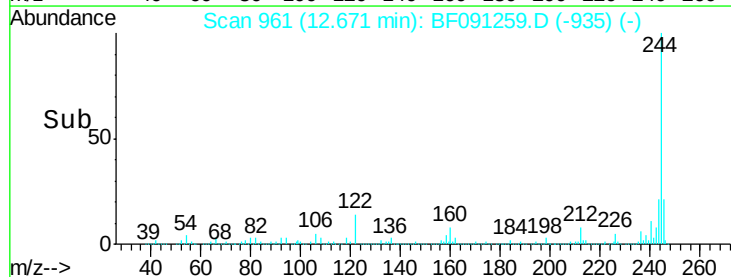
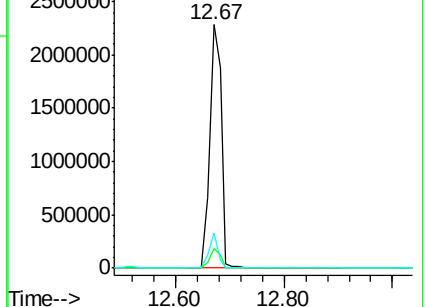
122 14.2 9.5 14.3

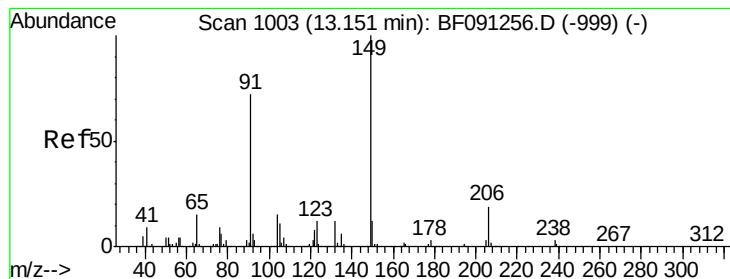


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 79.09 ng

RT: 13.15 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

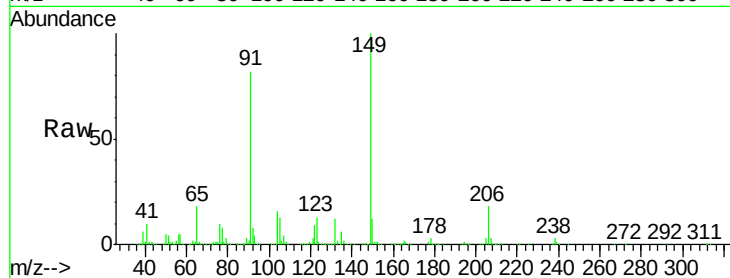
Tot Ion:149 Resp: 1199936

Ion Ratio Lower Upper

149 100

91 81.9 57.4 86.2

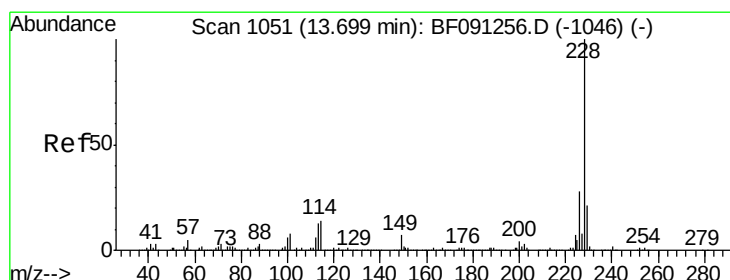
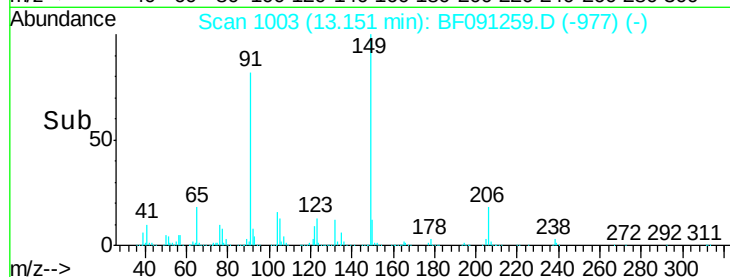
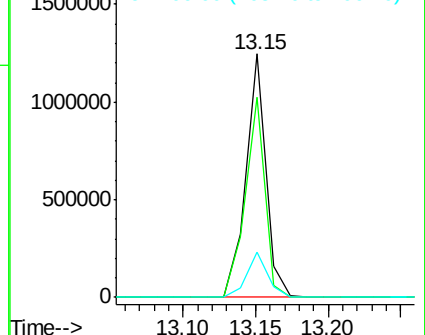
206 18.5 15.4 23.2



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: 79.46 ng

RT: 13.71 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

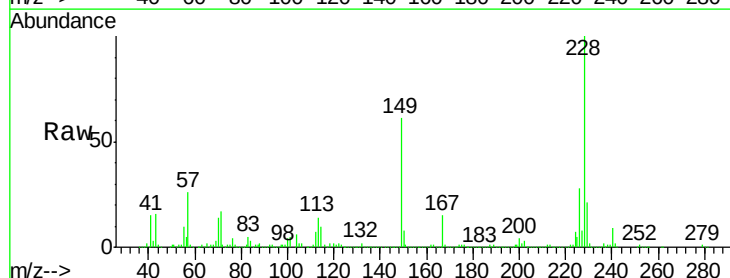
Tgt Ion:228 Resp: 2165258

Ion Ratio Lower Upper

228 100

226 28.5 22.5 33.7

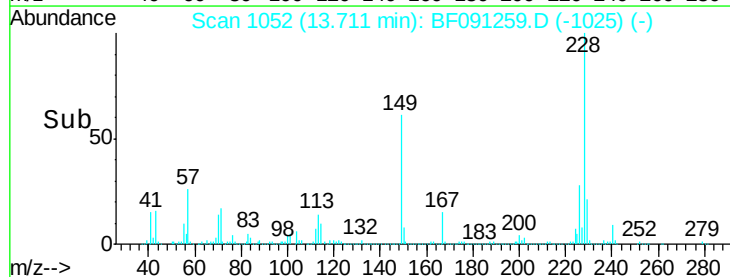
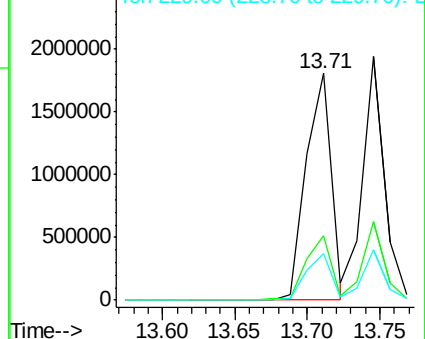
229 20.6 16.4 24.6

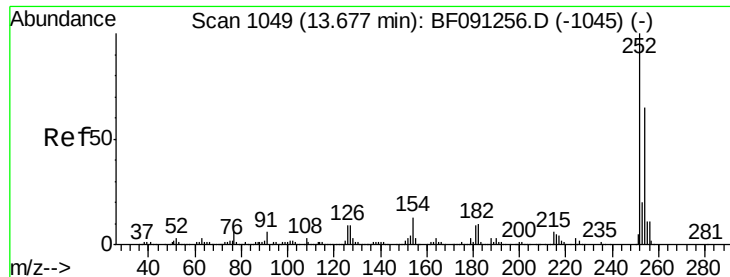


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

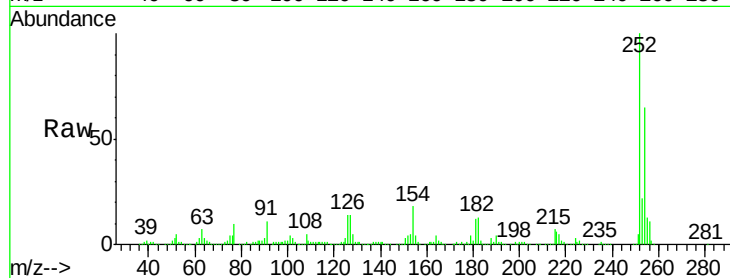




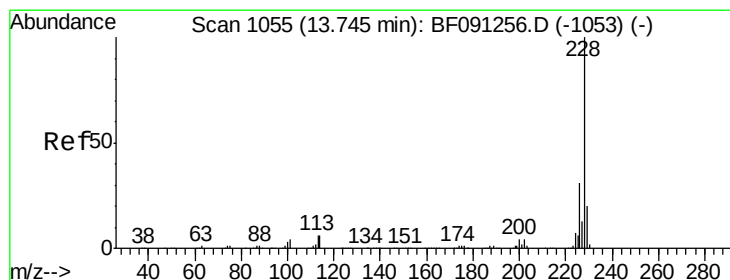
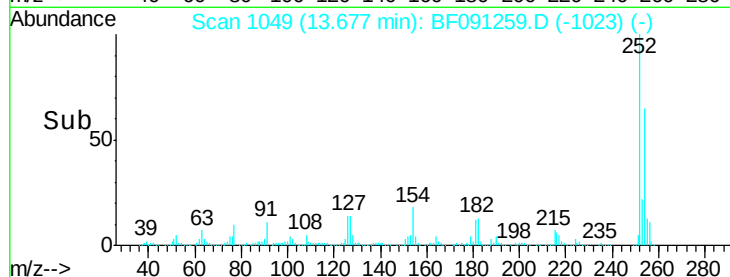
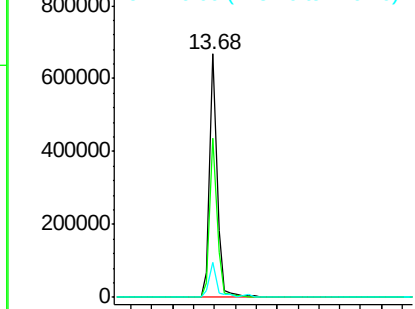
#81
 3,3'-Dichlorobenzidine
 Concen: 69.77 ng
 RT: 13.68 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:252 Resp: 676258
 Ion Ratio Lower Upper
 252 100
 254 65.2 52.1 78.1
 126 14.2 7.5 11.3#

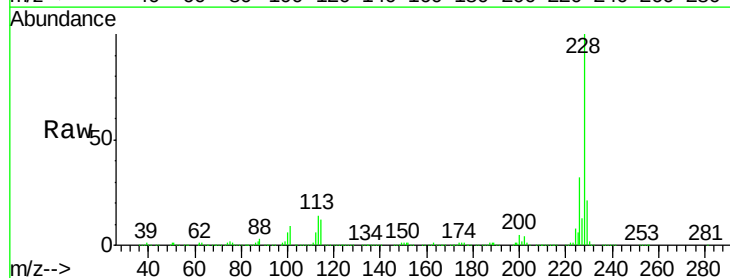


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

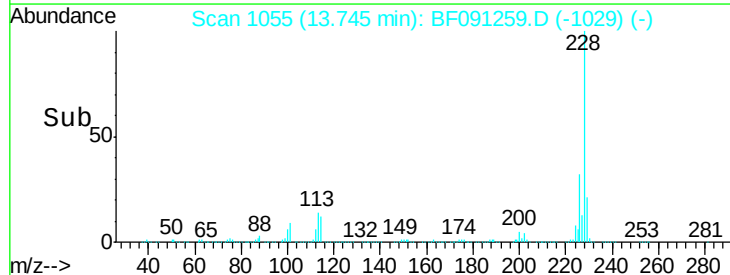
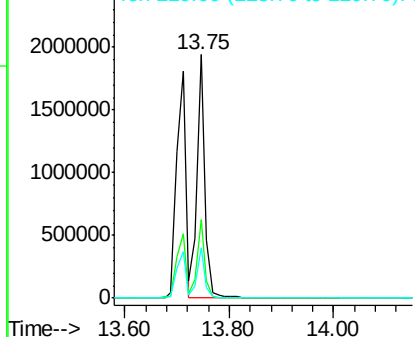


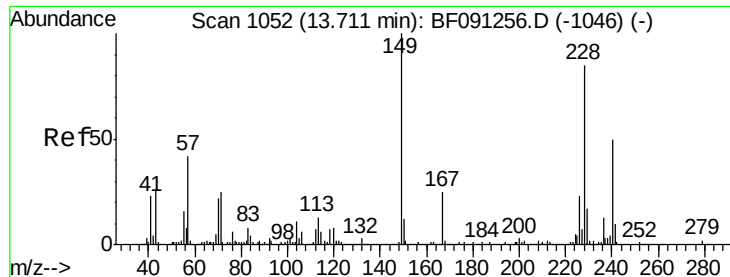
#82
 Chrysene
 Concen: 76.05 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF091259.D
 Acq: 21 Nov 2016 22:42

Tgt Ion:228 Resp: 2062519
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.0 37.4
 229 20.8 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: 74.85 ng

RT: 13.71 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

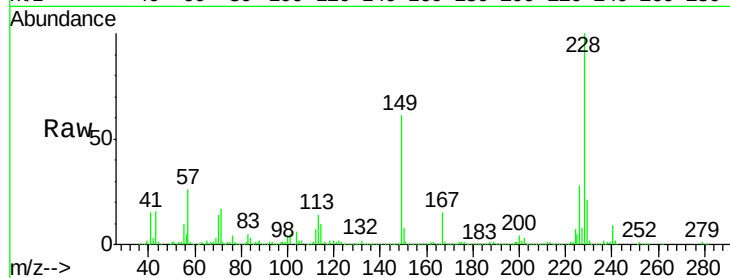
BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1502150

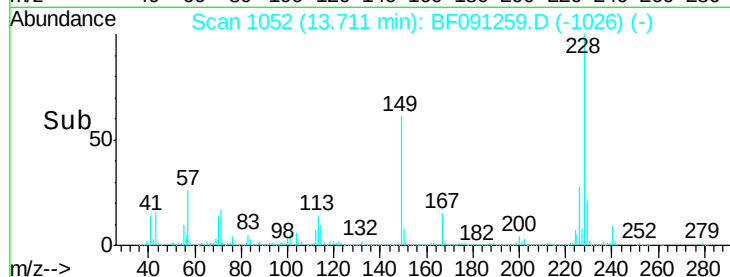
Ion	Ratio	Lower	Upper
149	100		
167	24.8	19.6	29.4
279	2.4	1.9	2.9



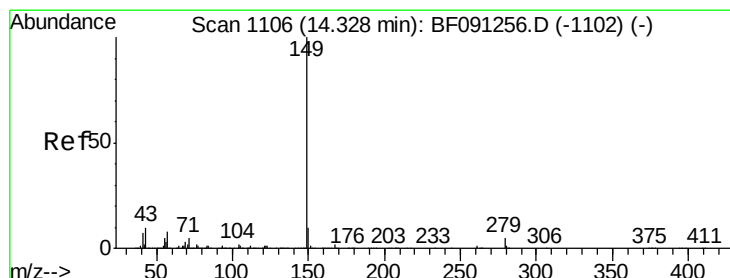
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 75.48 ng

RT: 14.33 min Scan# 1106

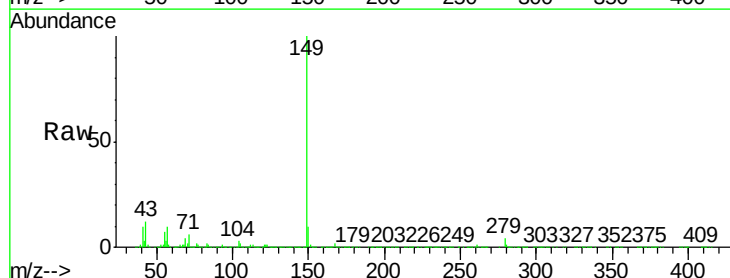
Delta R.T. 0.00 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Tgt Ion:149 Resp: 2496168

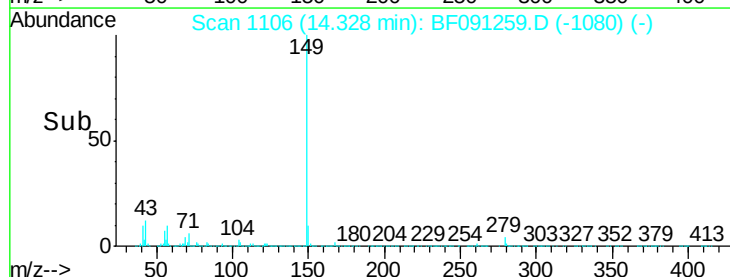
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	16.6	11.9	17.9



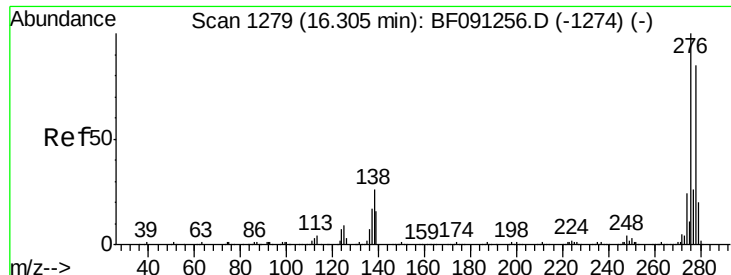
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



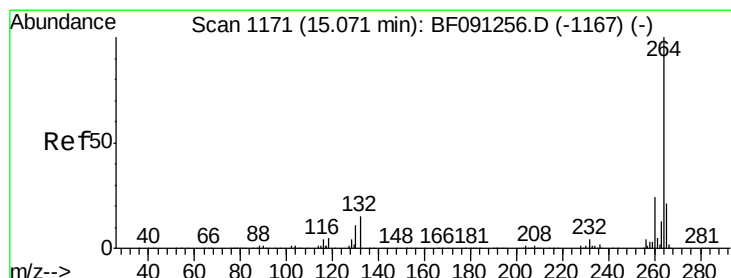
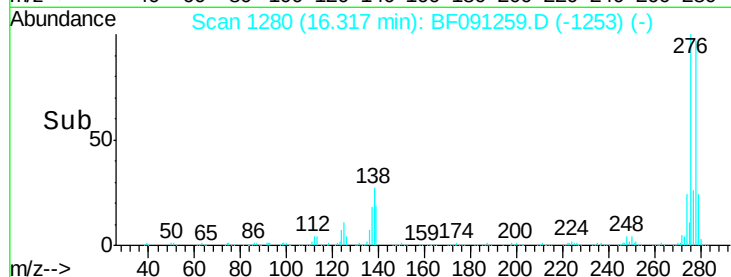
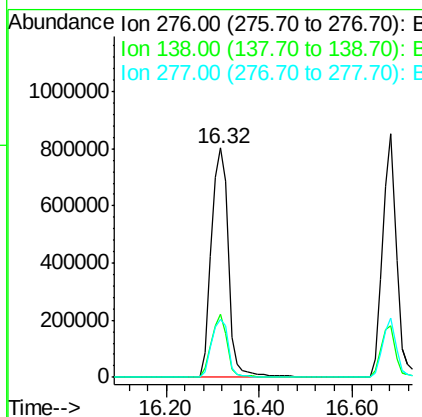
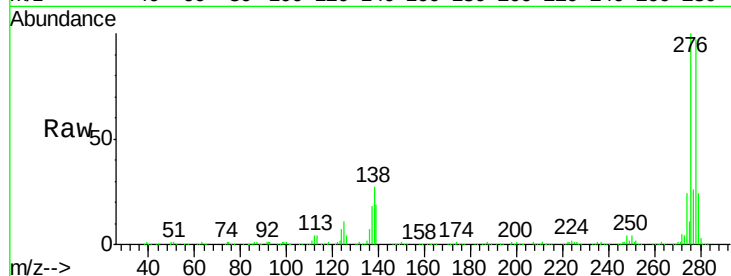
Time-->



#85
Indeno(1,2,3-cd)pyrene
Concen: 92.35 ng
RT: 16.32 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

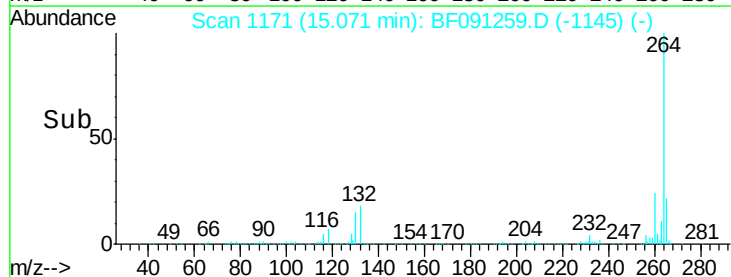
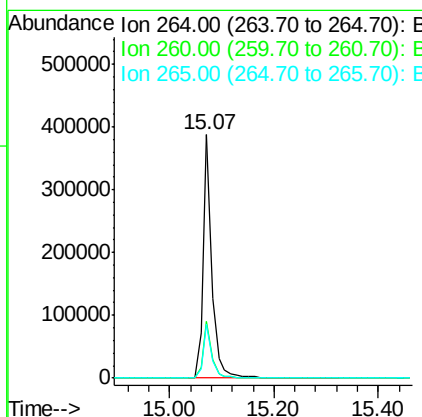
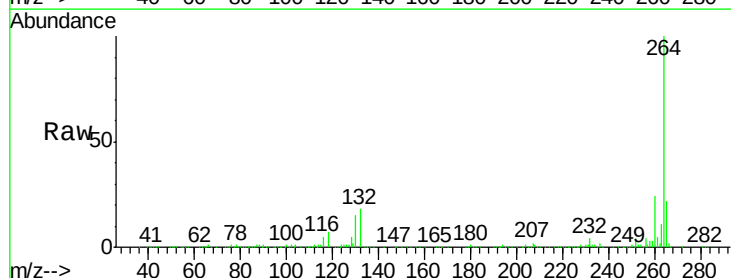
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

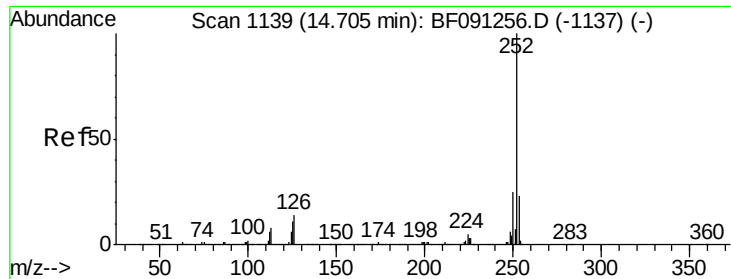
Tot Ion:276 Resp: 2064338
Ion Ratio Lower Upper
276 100
138 25.5 21.0 31.4
277 25.5 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

Tgt Ion:264 Resp: 451446
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 22.1 17.0 25.6

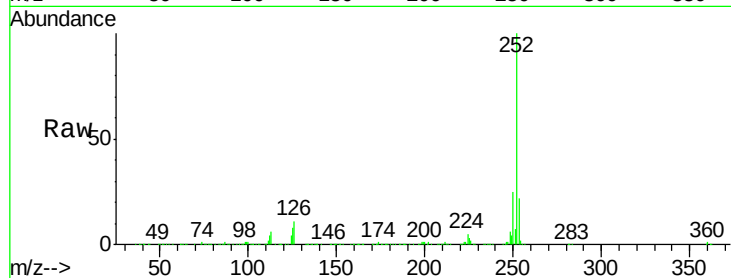




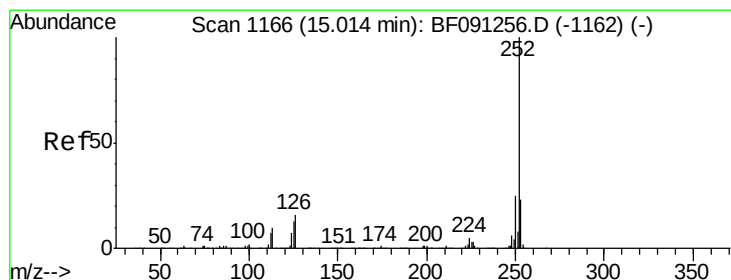
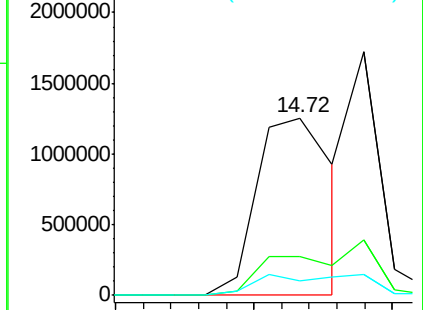
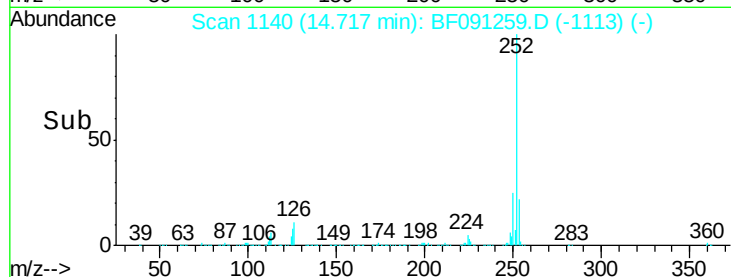
#87
Benzo(b)fluoranthene
Concen: 81.81 ng m
RT: 14.72 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:252 Resp: 2400609
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 8.4 8.6 13.0#

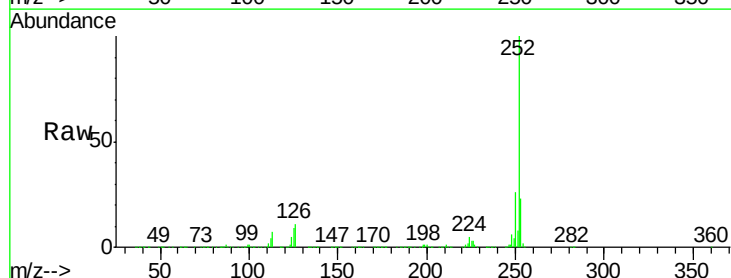


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

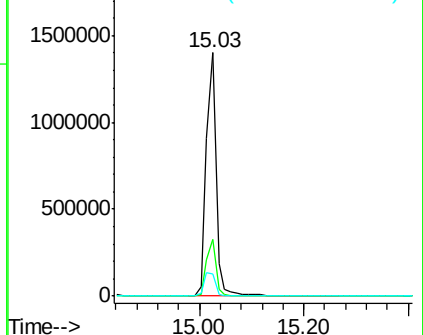
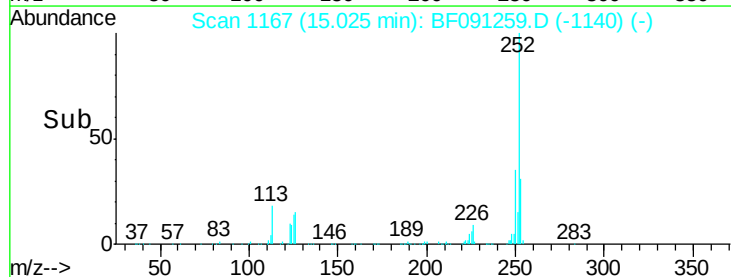


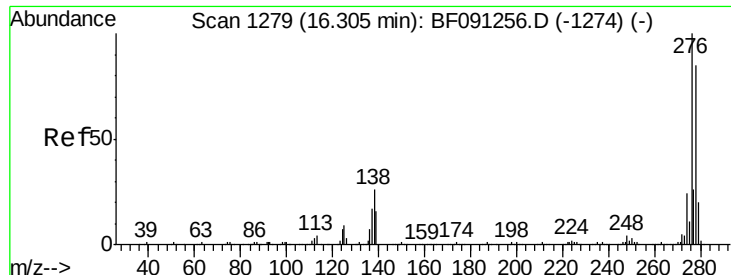
#89
Benzo(a)pyrene
Concen: 70.38 ng
RT: 15.03 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF091259.D
Acq: 21 Nov 2016 22:42

Tgt Ion:252 Resp: 1825977
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 8.9 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: 76.04 ng

RT: 16.33 min Scan# 1281

Delta R.T. 0.02 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

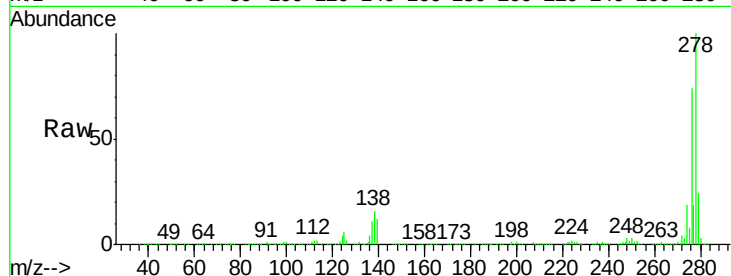
Tot Ion:278 Resp: 1711001

Ion Ratio Lower Upper

278 100

139 12.5 15.1 22.7#

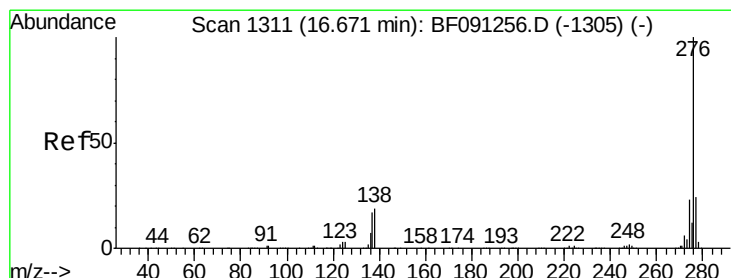
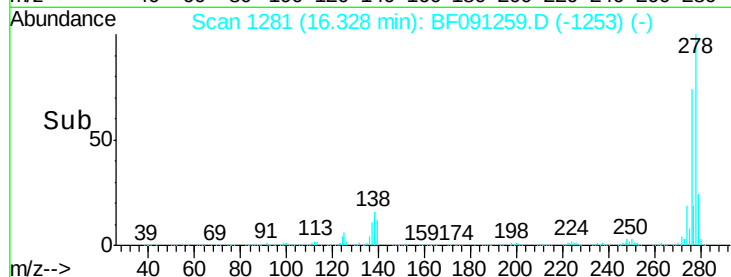
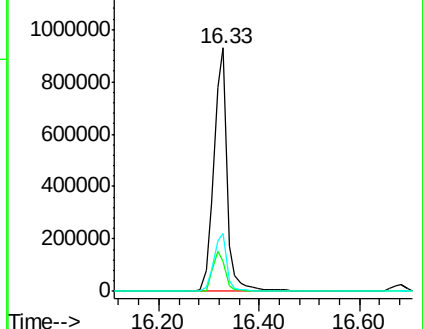
279 23.8 19.0 28.6



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(g,h,i)perylene

Concen: 85.58 ng

RT: 16.68 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF091259.D

Acq: 21 Nov 2016 22:42

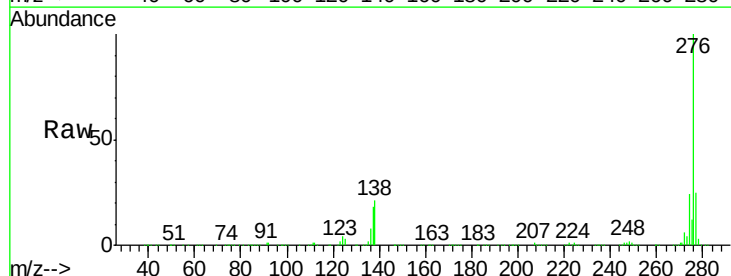
Tgt Ion:276 Resp: 1770380

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.4

138 21.4 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

