

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094571.D
 Acq On : 21 Apr 2017 19:14
 Operator : SJ/MA
 Sample : I2786-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 21 23:35:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	116918	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	468382	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	200365	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	344781	20.00	ng	0.00
75) Chrysene-d12	14.46	240	270041	20.00	ng	0.00
86) Perylene-d12	16.08	264	272610	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.32	112	953257	135.27	ng	0.02
7) Phenol-d6	5.41	99	1177023	141.67	ng	0.01
23) Nitrobenzene-d5	6.42	82	734399	96.82	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	230146	146.85	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1309953	96.19	ng	0.00
78) Terphenyl-d14	13.19	244	1004450	99.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	126289	30.81	ng	96
3) Pyridine	2.64	79	303718	33.91	ng	98
4) n-Nitrosodimethylamine	2.58	42	146261	39.46	ng	89
6) Aniline	5.42	93	166193	15.05	ng	# 1
8) 2-Chlorophenol	5.54	128	336846	42.01	ng	95
9) Benzaldehyde	5.27	77	53710	8.50	ng	97
10) Phenol	5.42	94	452382	44.32	ng	92
11) bis(2-Chloroethyl)ether	5.48	93	309258	41.48	ng	95
12) 1,3-Dichlorobenzene	5.70	146	357291	40.22	ng	98
13) 1,4-Dichlorobenzene	5.78	146	362757	40.58	ng	95
14) 1,2-Dichlorobenzene	5.96	146	335010	40.69	ng	97
15) Benzyl Alcohol	5.95	79	251342	40.78	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	408590	41.80	ng	# 33
17) 2-Methylphenol	6.10	107	264990	41.96	ng	# 88
18) Hexachloroethane	6.35	117	121088	39.52	ng	# 87
19) n-Nitroso-di-n-propylamine	6.26	70	237116	43.07	ng	95
20) 3+4-Methylphenols	6.28	107	359557	41.90	ng	# 62
22) Acetophenone	6.24	105	474413	41.66	ng	# 86
24) Nitrobenzene	6.44	77	330434	41.37	ng	90
25) Isophorone	6.73	82	597359	42.48	ng	# 93
26) 2-Nitrophenol	6.81	139	180836	42.14	ng	99
27) 2,4-Dimethylphenol	6.89	122	292358	41.94	ng	98
28) bis(2-Chloroethoxy)methane	6.99	93	384027	42.22	ng	99
29) 2,4-Dichlorophenol	7.11	162	281365	43.39	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	277986	41.46	ng	98
31) Naphthalene	7.29	128	946436	42.03	ng	99
32) Benzoic acid	7.07	122	166422	45.15	ng	94
33) 4-Chloroaniline	7.38	127	118640	12.67	ng	# 92
34) Hexachlorobutadiene	7.44	225	140742	42.11	ng	98
35) Caprolactam	7.82	113	59063	28.99	ng	92
36) 4-Chloro-3-methylphenol	7.99	107	283299	41.69	ng	89
37) 2-Methylnaphthalene	8.12	142	664548	43.14	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	253365	44.41	ng	99
40) Hexachlorocyclopentadiene	8.32	237	112759	48.85	ng	99

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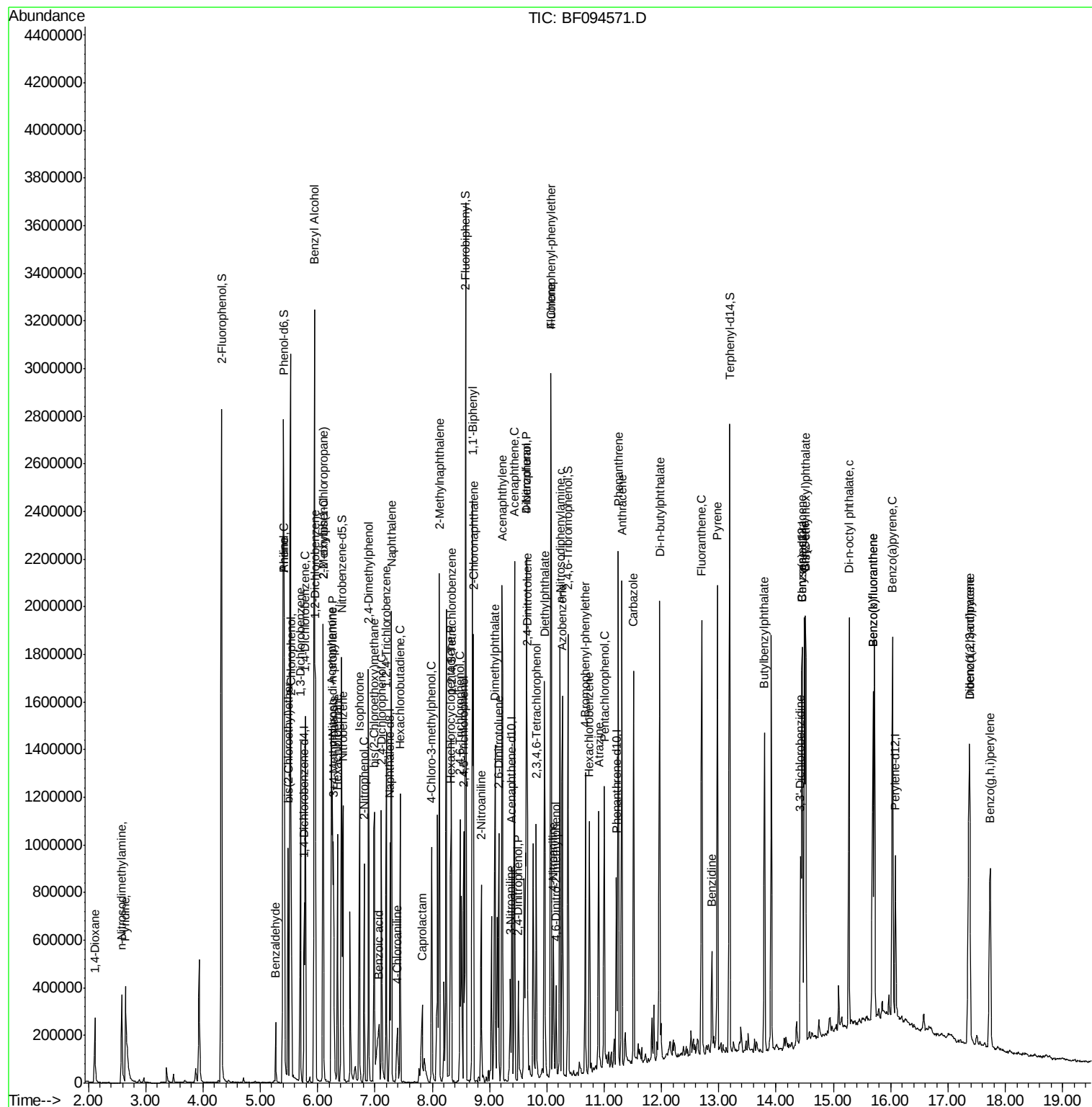
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	165406	41.28	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	192718	46.84	nq	93
45) 1,1'-Biphenyl	8.70	154	720728	44.03	nq	98
46) 2-Chloronaphthalene	8.72	162	576059	44.25	nq	96
47) 2-Nitroaniline	8.85	65	168516	45.00	nq	90
48) Acenaphthylene	9.22	152	788456	38.86	nq	99
49) Dimethylphthalate	9.10	163	906379	60.70	nq	99
50) 2,6-Dinitrotoluene	9.16	165	148524	44.31	nq	91
51) Acenaphthene	9.44	154	525219	43.21	nq	99
52) 3-Nitroaniline	9.36	138	77913	20.09	nq	96
53) 2,4-Dinitrophenol	9.50	184	68483	40.70	nq	# 72
54) Dibenzofuran	9.65	168	766774	43.41	nq	97
55) 4-Nitrophenol	9.65	139	523431	191.07	nq	# 34
56) 2,4-Dinitrotoluene	9.66	165	190706	46.37	nq	# 92
57) Fluorene	10.07	166	603731	43.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	138520	46.97	nq	96
59) Diethylphthalate	9.96	149	655535	46.53	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	258005	45.07	nq	89
61) 4-Nitroaniline	10.11	138	131331	33.32	nq	97
62) Azobenzene	10.27	77	610992	44.67	nq	93
64) 4,6-Dinitro-2-methylphenol	10.16	198	52423	23.21	nq	# 70
65) n-Nitrosodiphenylamine	10.23	169	551379	45.98	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	156252	45.64	nq	98
67) Hexachlorobenzene	10.74	284	148356	43.00	nq	# 83
68) Atrazine	10.91	200	153996	42.93	nq	98
69) Pentachlorophenol	11.00	266	151210	110.37	nq	96
70) Phenanthrene	11.25	178	1004812	51.75	nq	98
71) Anthracene	11.31	178	884046	44.02	nq	98
72) Carbazole	11.51	167	785859	41.69	nq	99
73) Di-n-butylphthalate	11.97	149	999296	48.15	nq	99
74) Fluoranthene	12.71	202	908516	45.15	nq	98
76) Benzidine	12.88	184	193421	17.69	nq	95
77) Pyrene	12.98	202	916121	48.56	nq	99
79) Butylbenzylphthalate	13.80	149	389635	47.12	nq	91
80) Benzo(a)anthracene	14.45	228	734333	46.79	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	175825	31.64	nq	# 97
82) Chrysene	14.49	228	669919	46.70	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	583499	52.56	nq	99
84) Di-n-octyl phthalate	15.27	149	1000867	53.75	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	662648	48.55	nq	99
87) Benzo(b)fluoranthene	15.69	252	749452	44.94	nq	98
88) Benzo(k)fluoranthene	15.69	252	749452	47.49	nq	96
89) Benzo(a)pyrene	16.03	252	677886	43.69	nq	99
90) Dibenzo(a,h)anthracene	17.38	278	539821	41.90	nq	98
91) Benzo(g,h,i)perylene	17.74	276	542796	41.39	nq	98

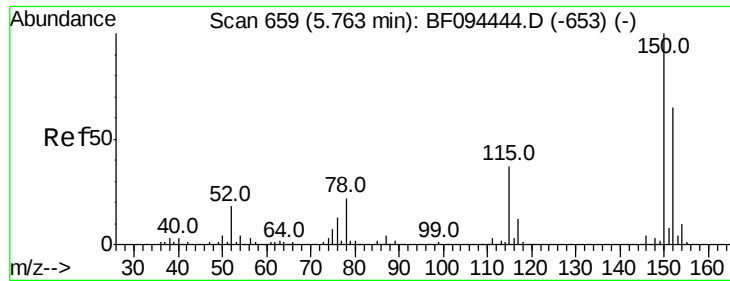
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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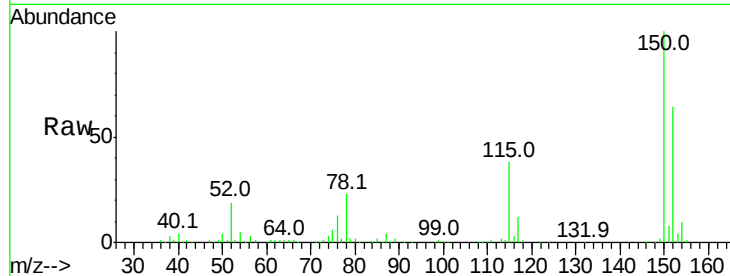


#1

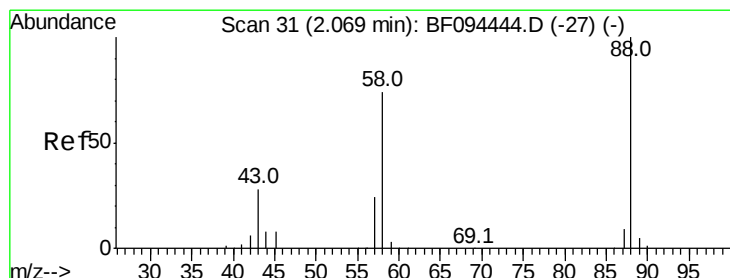
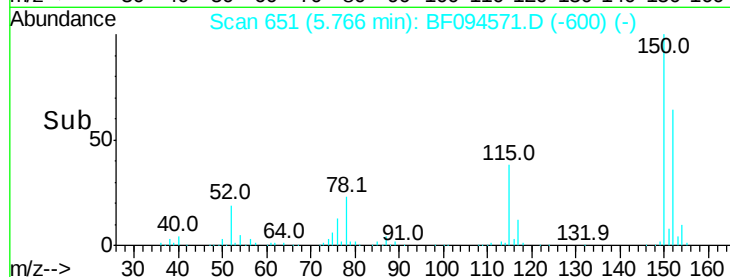
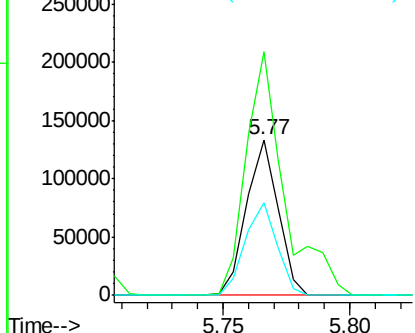
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116918
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 59.6 52.2 78.2



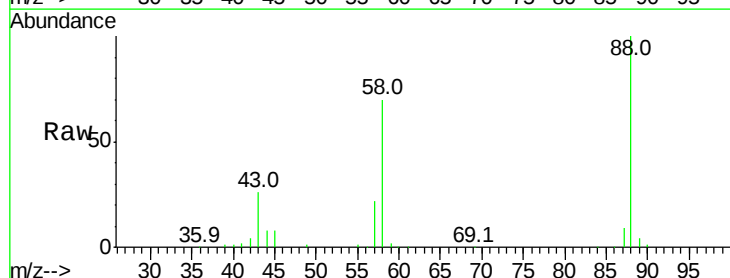
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



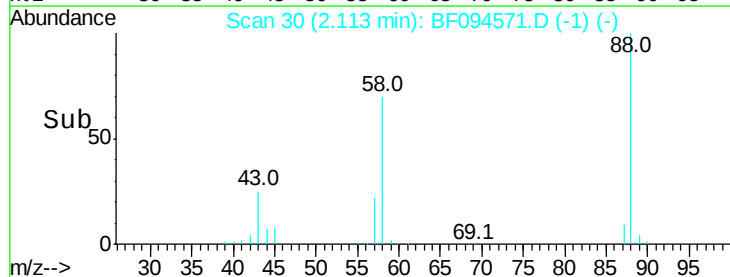
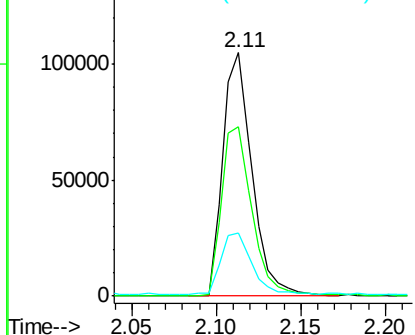
#2

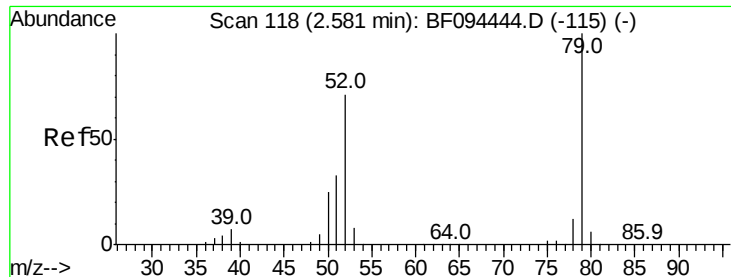
1,4-Dioxane
Concen: 30.81 ng
RT: 2.11 min Scan# 30
Delta R.T. 0.04 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion: 88 Resp: 126289
Ion Ratio Lower Upper
88 100
58 73.4 61.4 92.0
43 27.0 23.4 35.0



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: 33.91 ng

RT: 2.64 min Scan# 120

Delta R.T. 0.06 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampled :

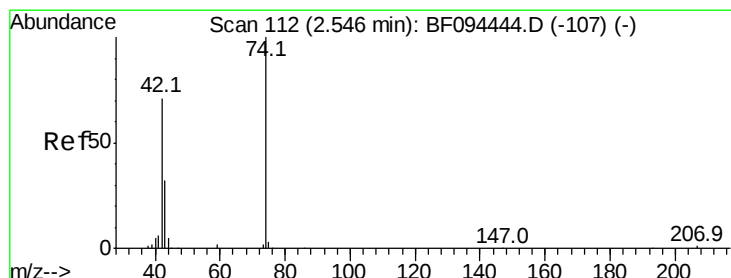
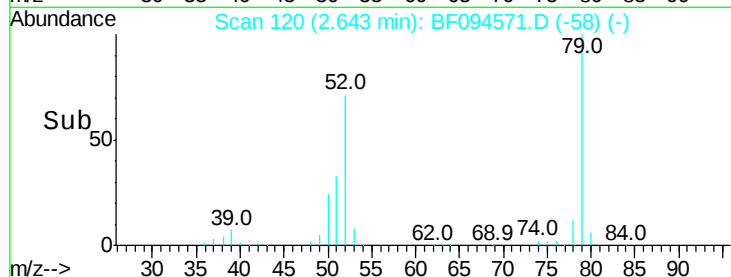
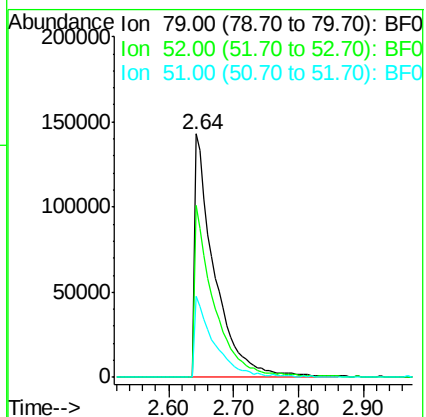
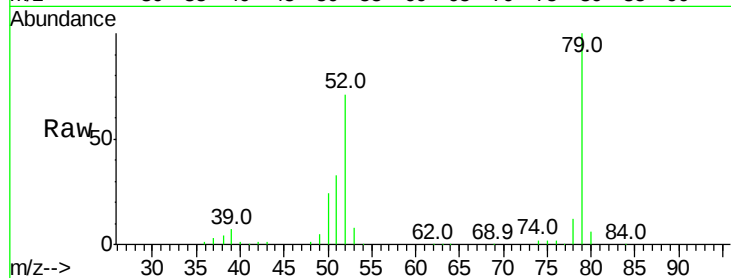
Tot Ion: 79 Resp: 303718

Ion Ratio Lower Upper

79 100

52 70.7 54.8 82.2

51 33.5 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 39.46 ng

RT: 2.58 min Scan# 110

Delta R.T. 0.04 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

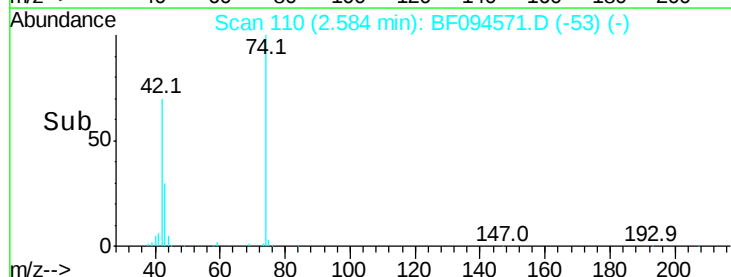
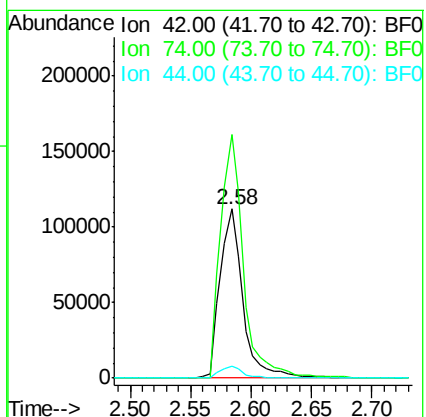
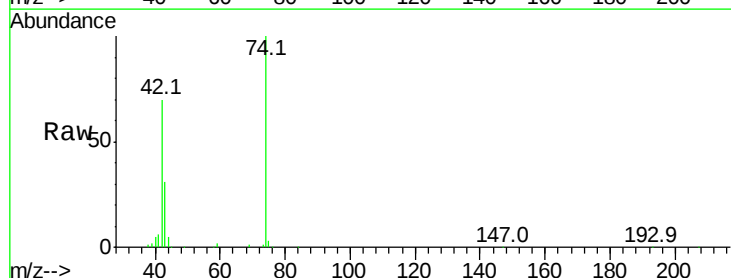
Tgt Ion: 42 Resp: 146261

Ion Ratio Lower Upper

42 100

74 143.9 103.9 155.9

44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 135.27 ng

RT: 4.32 min Scan# 406

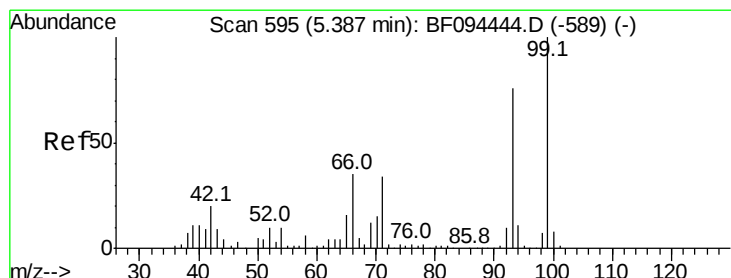
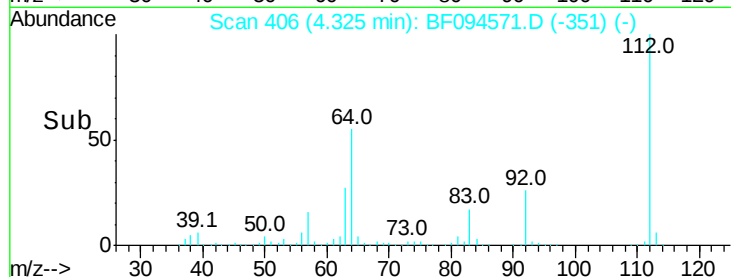
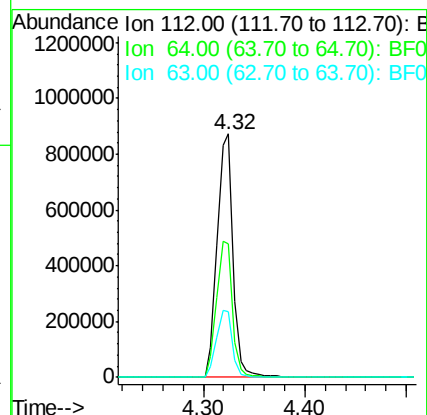
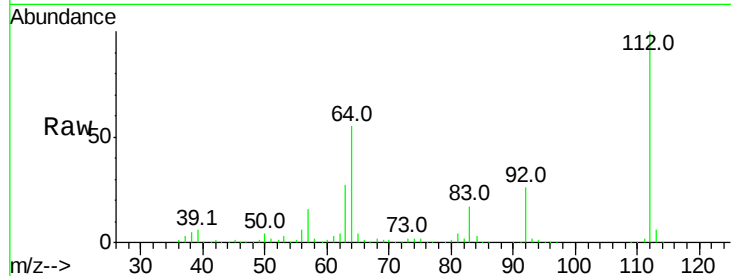
Delta R.T. 0.02 min

Lab File: BF094571.D

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Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	953257
Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	27.2	23.4	35.0



#6

Aniline

Concen: 15.05 ng

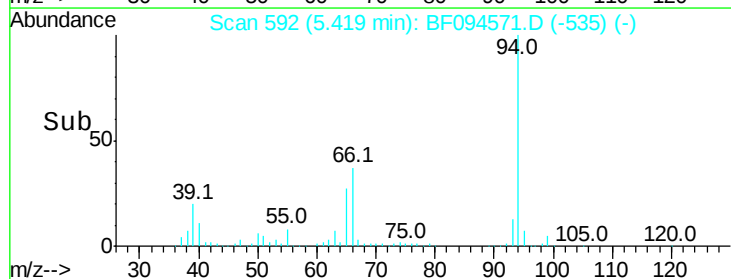
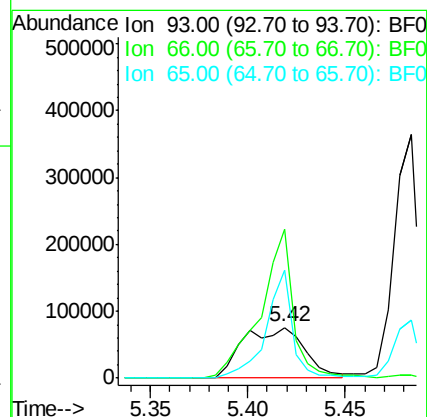
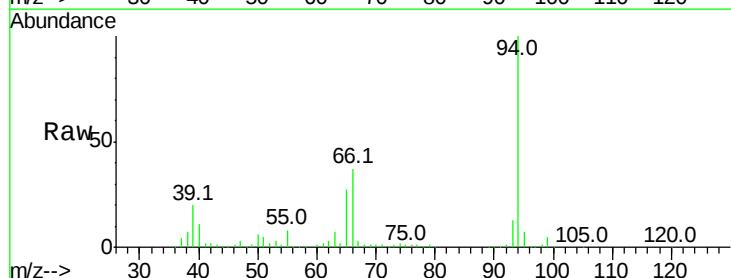
RT: 5.42 min Scan# 592

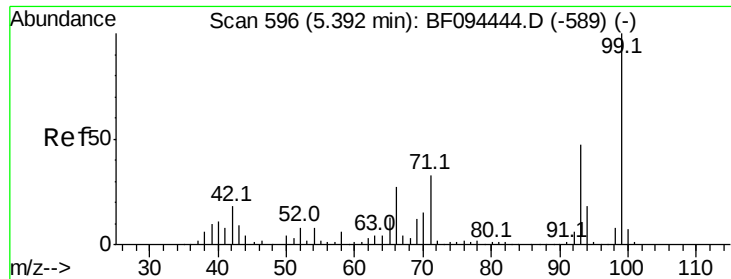
Delta R.T. 0.03 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Tgt Ion:	93	Resp:	166193
Ion	Ratio	Lower	Upper
93	100		
66	294.8	32.9	49.3#
65	212.7	16.0	24.0#





#7

Phenol-d6

Concen: 141.67 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampled :

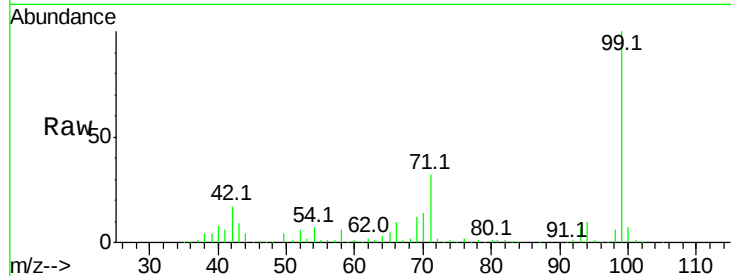
Tot Ion: 99 Resp: 1177023

Ion Ratio Lower Upper

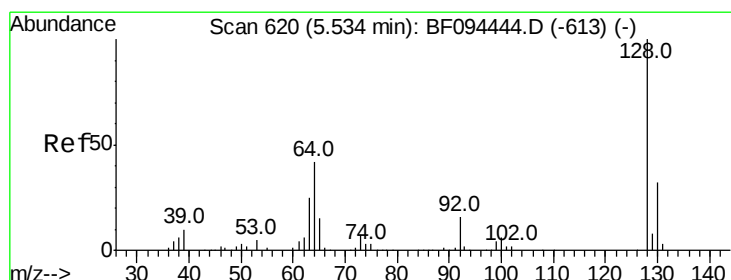
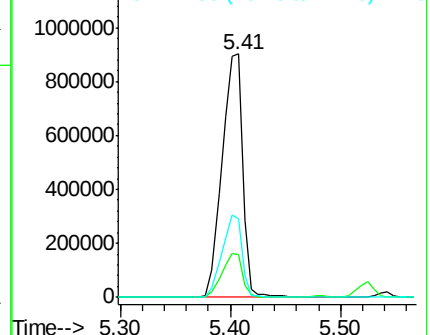
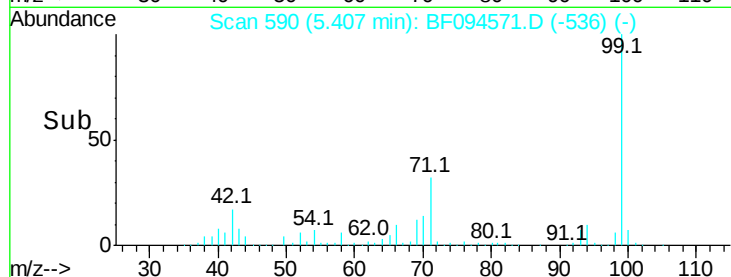
99 100

42 17.3 13.5 20.3

71 32.2 24.5 36.7



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: 42.01 ng

RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094571.D

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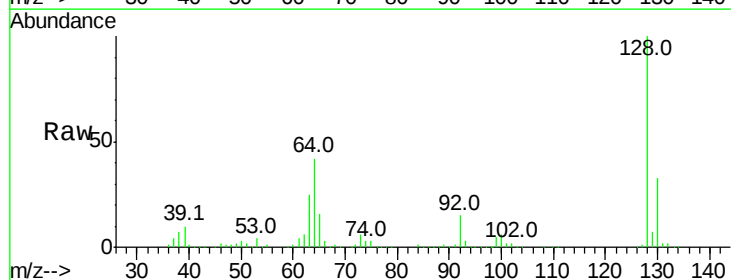
Tgt Ion:128 Resp: 336846

Ion Ratio Lower Upper

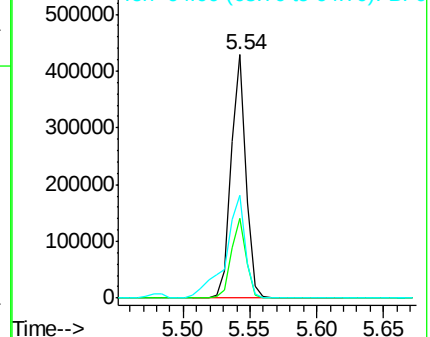
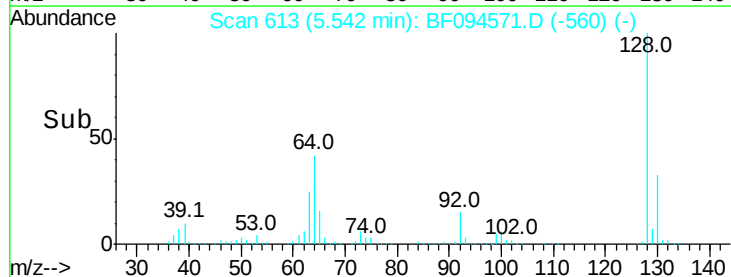
128 100

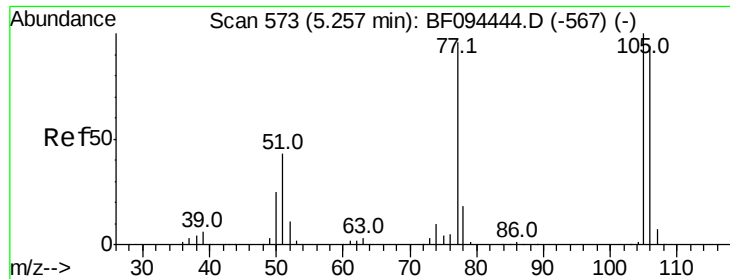
130 32.7 12.9 52.9

64 42.4 28.4 68.4



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: 8.50 ng

RT: 5.27 min Scan# 566

Delta R.T. 0.01 min

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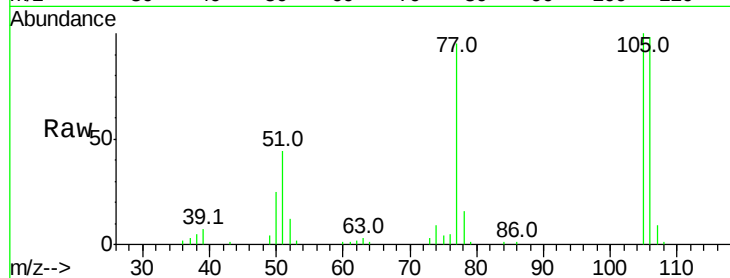
Tot Ion: 77 Resp: 53710

Ion Ratio Lower Upper

77 100

105 104.9 83.8 123.8

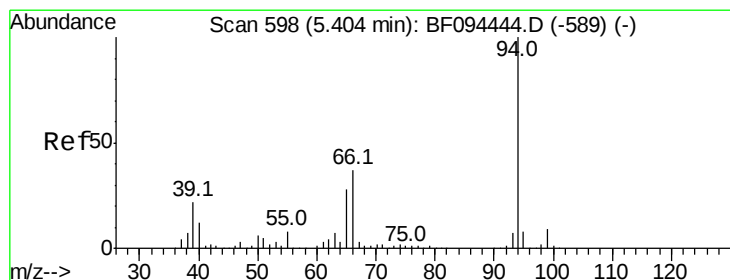
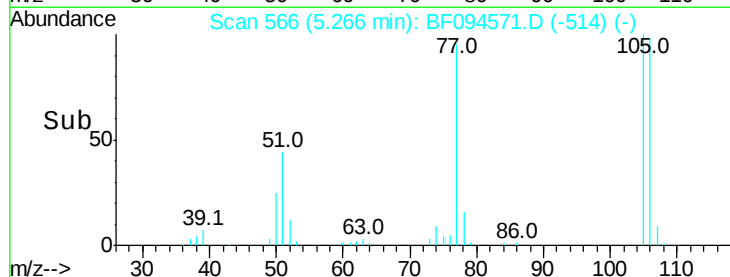
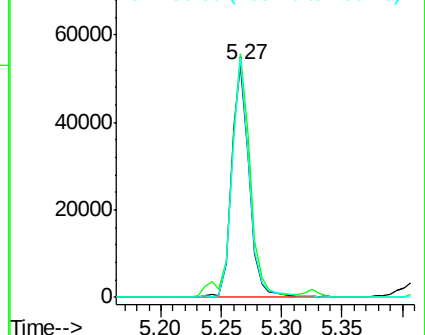
106 103.2 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.32 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

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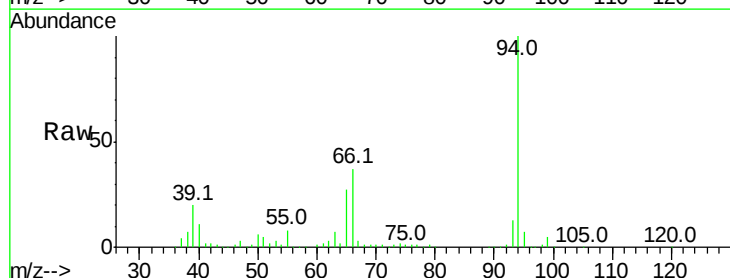
Tgt Ion: 94 Resp: 452382

Ion Ratio Lower Upper

94 100

65 26.9 9.9 49.9

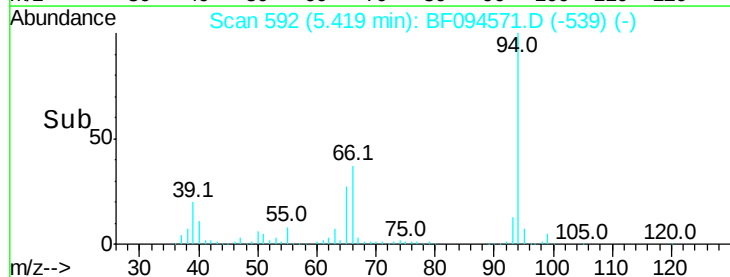
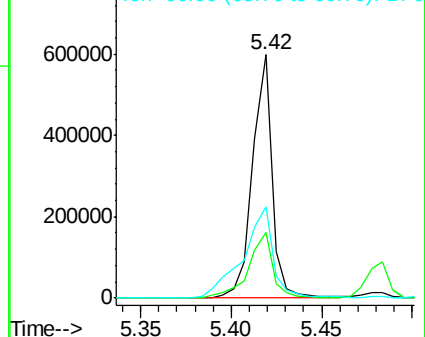
66 37.3 23.1 63.1



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: 41.48 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampled :

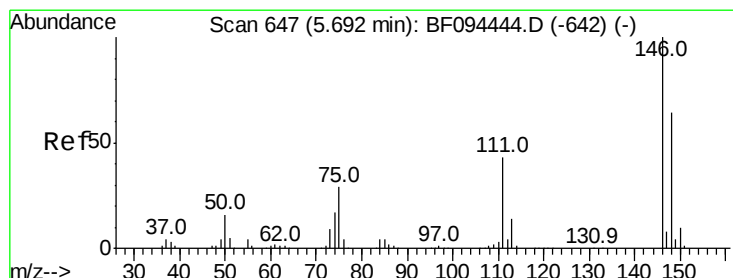
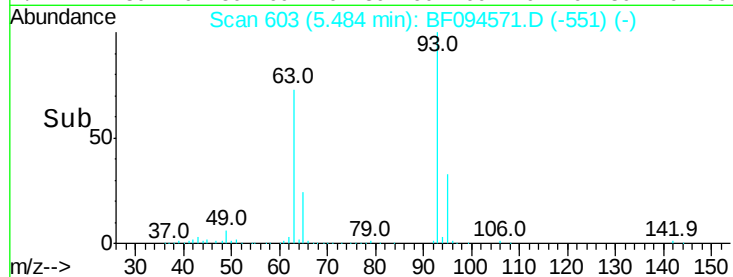
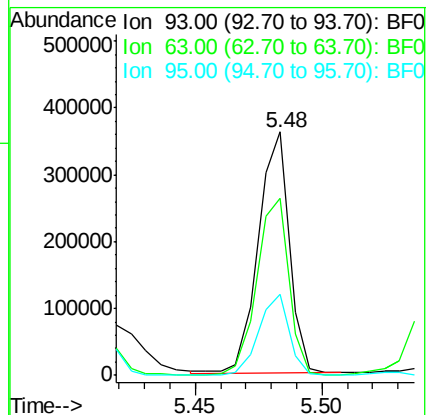
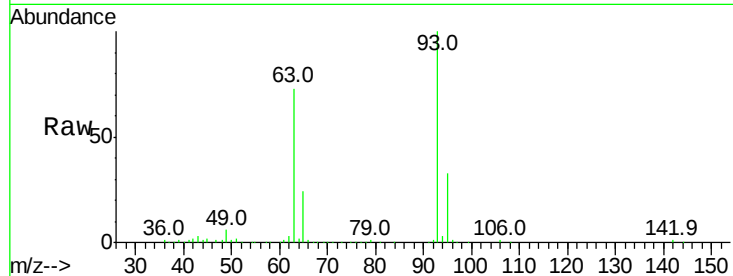
Tot Ion: 93 Resp: 309258

Ion Ratio Lower Upper

93 100

63 73.0 59.2 99.2

95 33.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.22 ng

RT: 5.70 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

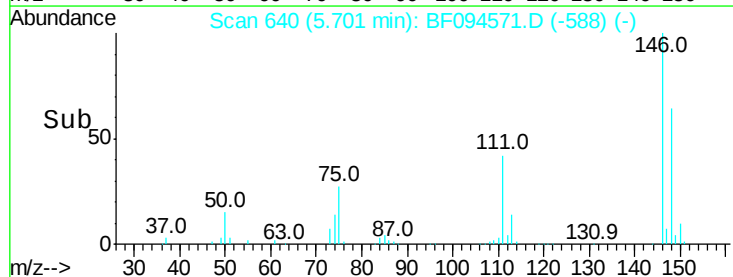
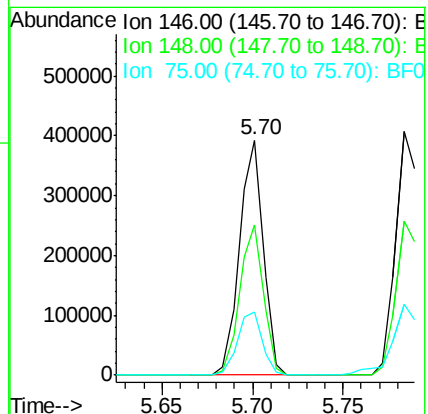
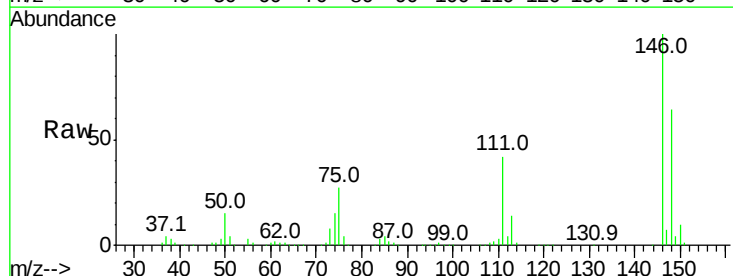
Tgt Ion: 146 Resp: 357291

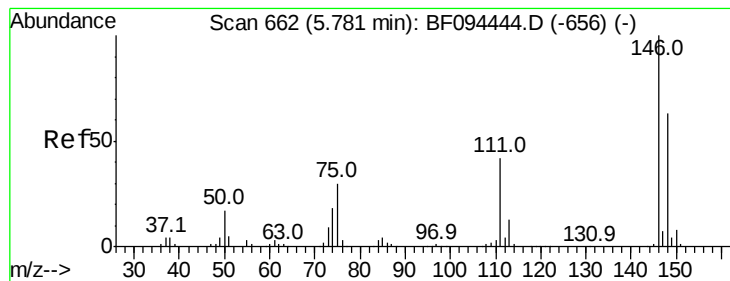
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

75 27.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.58 ng

RT: 5.78 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

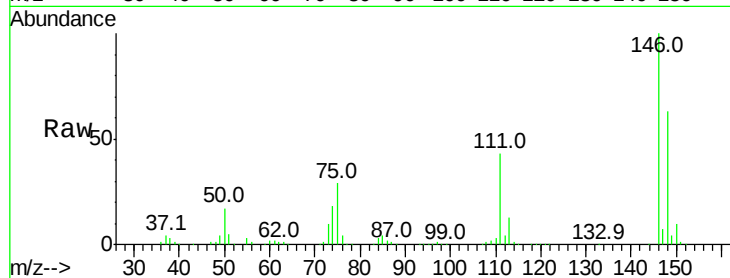
Tot Ion:146 Resp: 362757

Ion Ratio Lower Upper

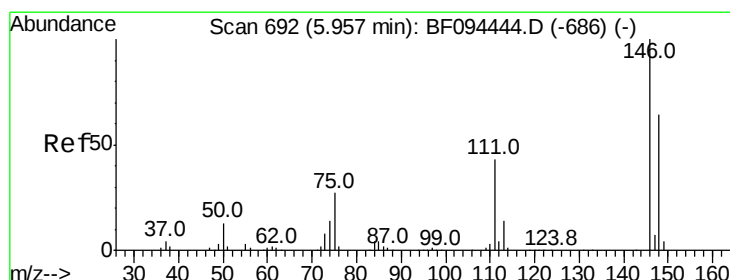
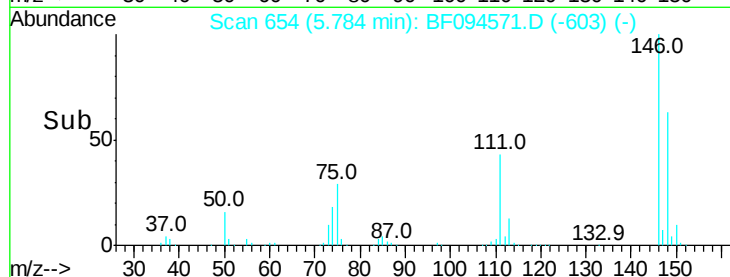
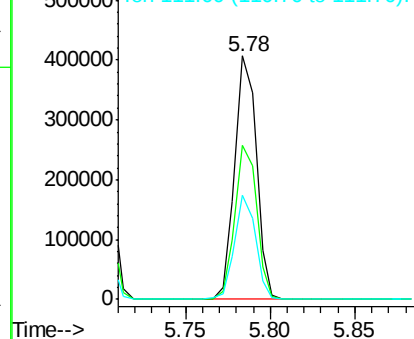
146 100

148 63.0 52.2 78.2

111 42.5 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.69 ng

RT: 5.96 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

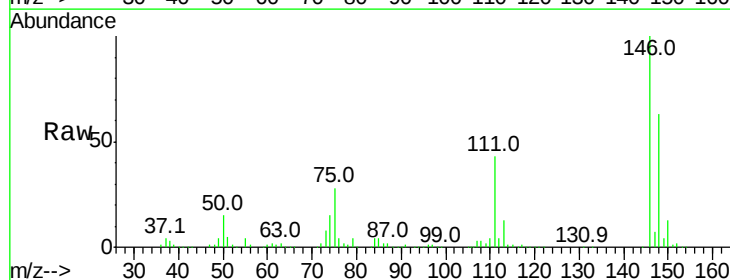
Tgt Ion:146 Resp: 335010

Ion Ratio Lower Upper

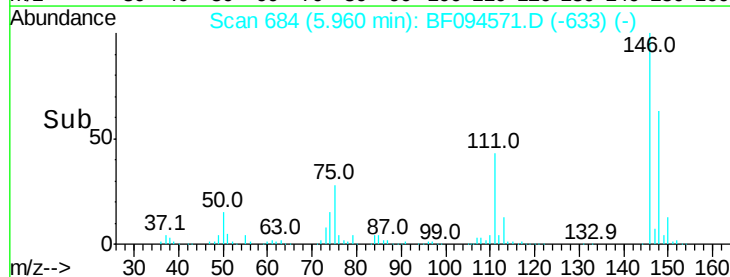
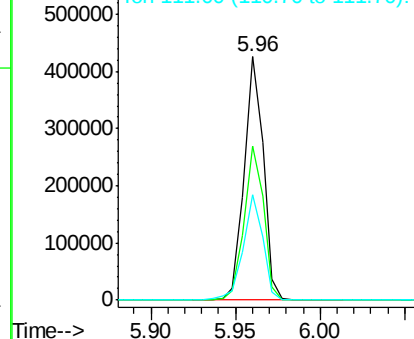
146 100

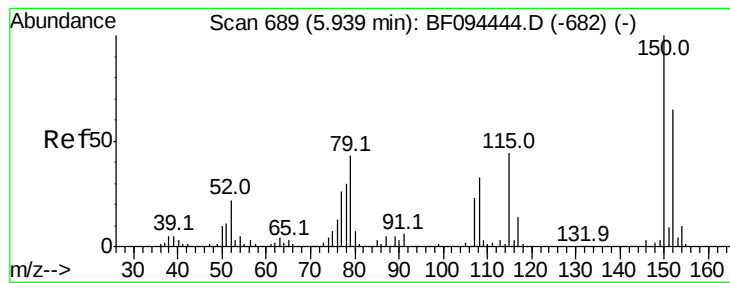
148 63.4 50.4 75.6

111 43.1 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.78 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

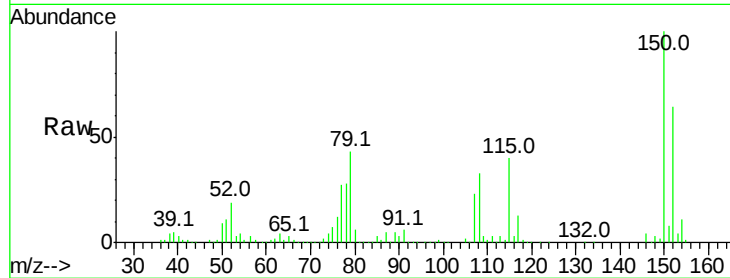
Tot Ion: 79 Resp: 251342

Ion Ratio Lower Upper

79 100

108 77.4 63.4 95.0

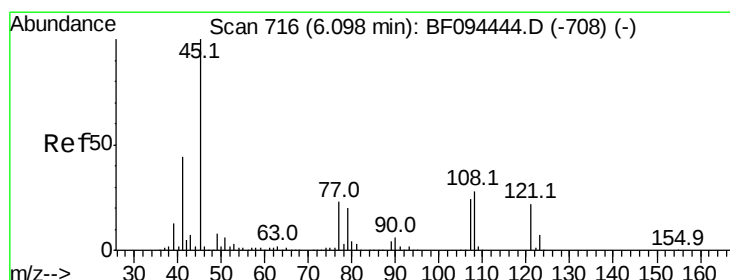
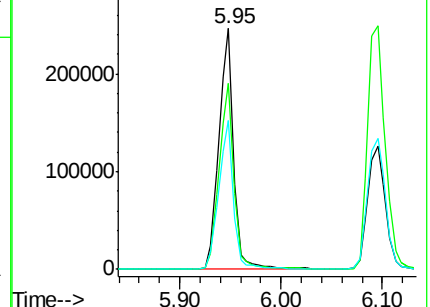
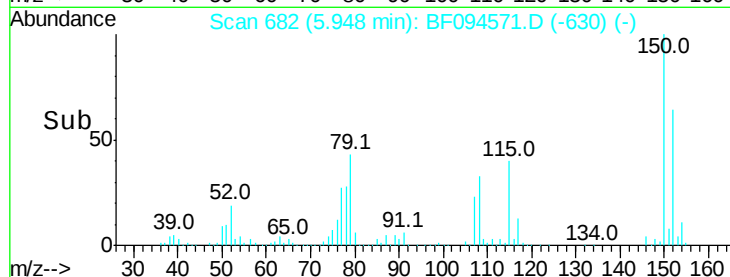
77 62.1 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.80 ng

RT: 6.10 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

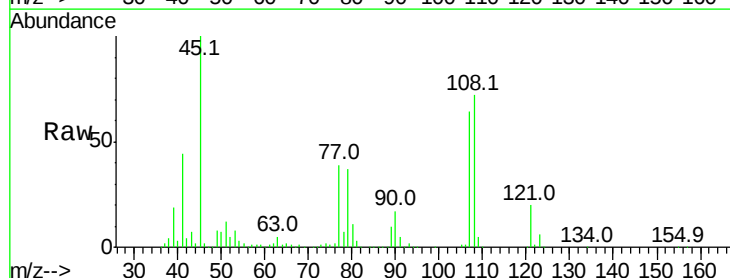
Tgt Ion: 45 Resp: 408590

Ion Ratio Lower Upper

45 100

77 38.8 0.0 33.2#

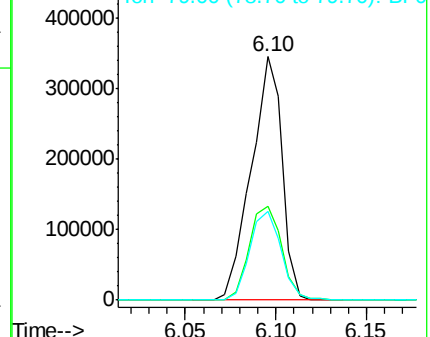
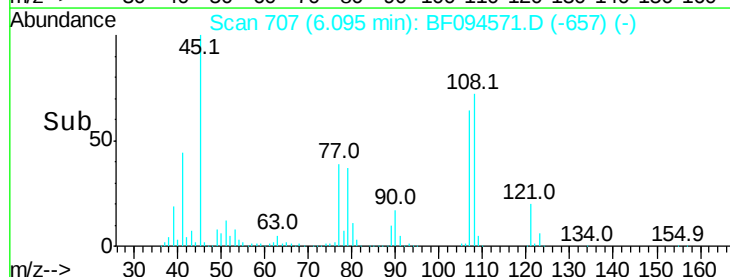
79 36.5 0.0 30.0#

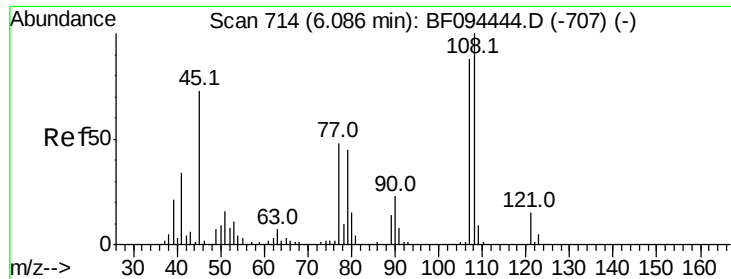


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.96 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 264990

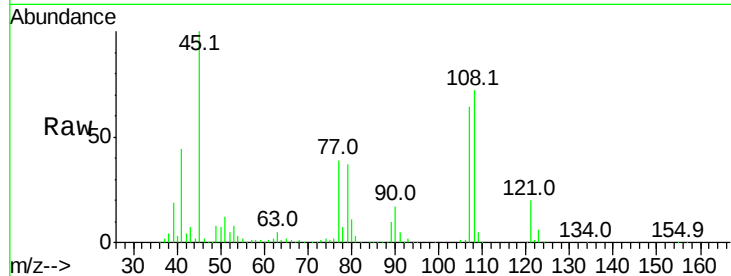
Ion Ratio Lower Upper

107 100

108 113.3 93.4 140.0

77 60.9 35.8 53.6#

79 57.3 34.8 52.2#

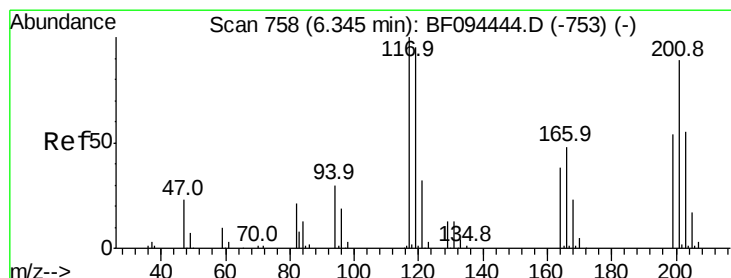
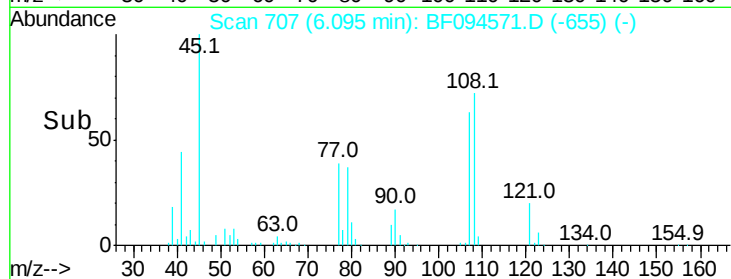
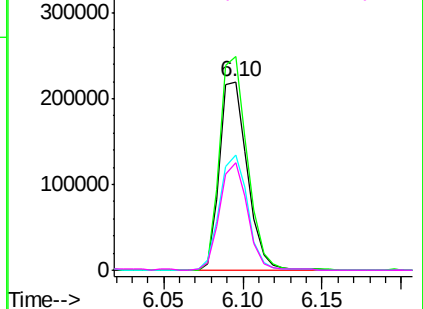


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.52 ng

RT: 6.35 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

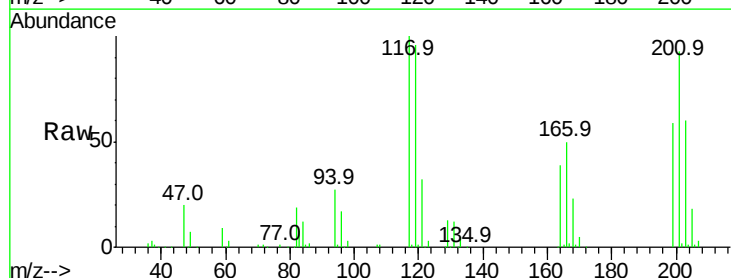
Tgt Ion:117 Resp: 121088

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.0

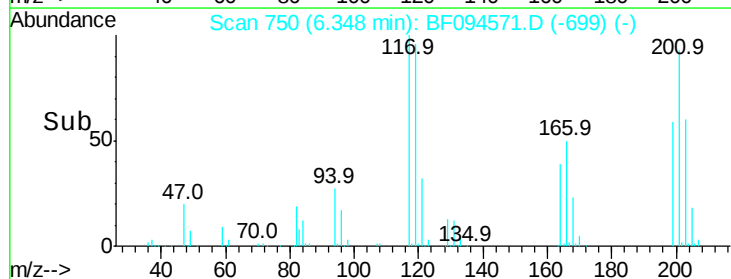
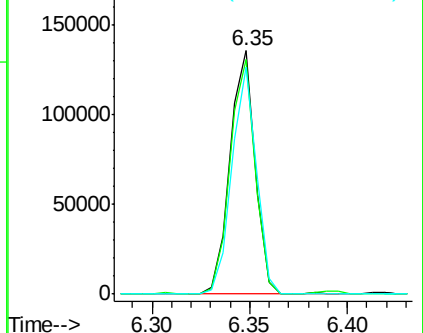
201 93.3 94.6 141.8#

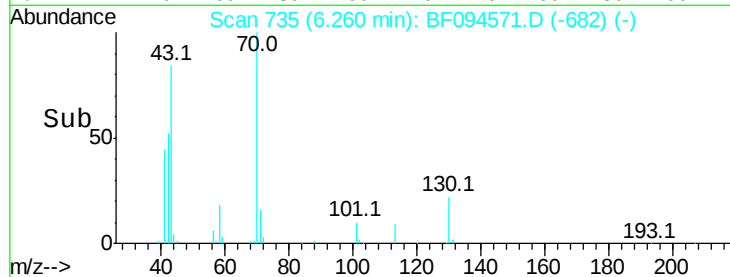
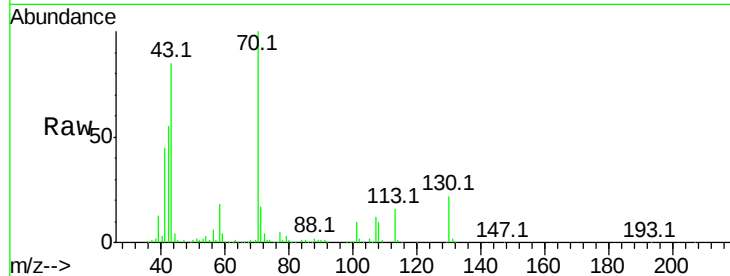
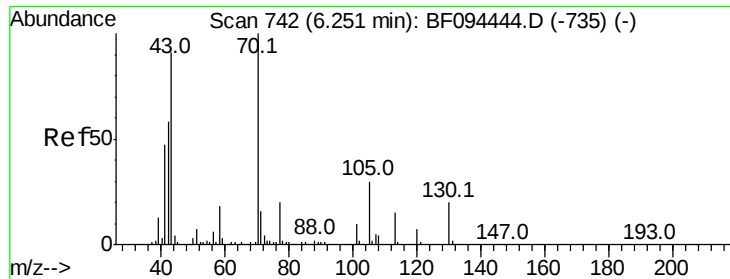


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

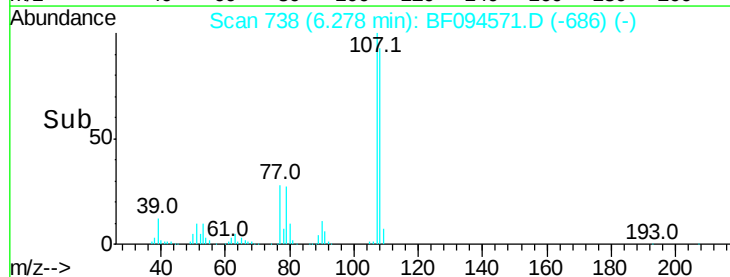
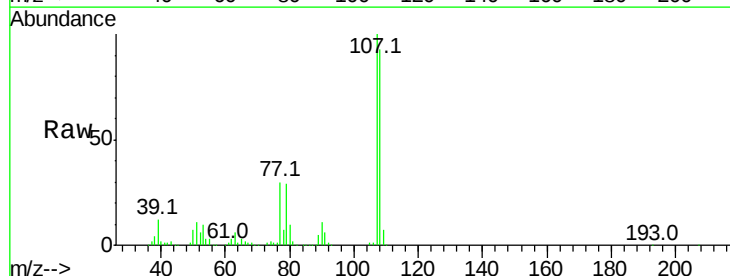
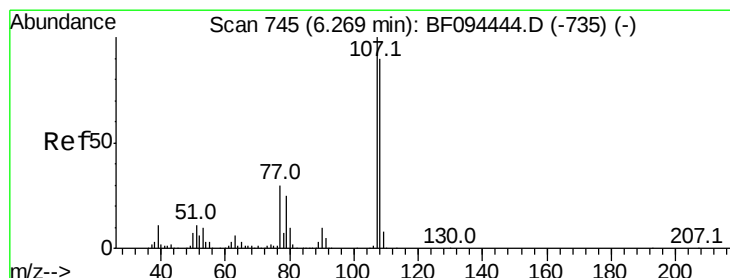
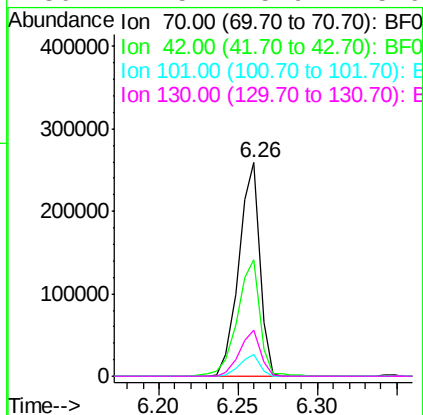




#19
n-Nitroso-di-n-propylamine
Concen: 43.07 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

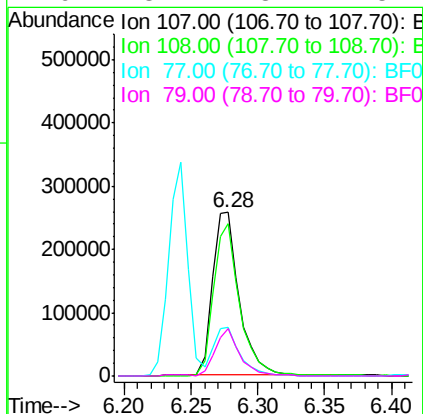
Instrument :
BNA_F
ClientSampleId :

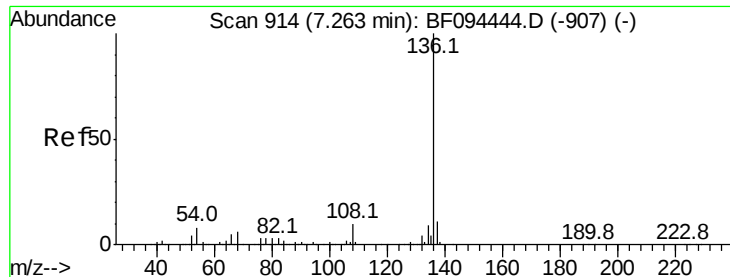
Tot Ion:	70	Resp:	237116
Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.2	70.8
101	10.1	7.2	10.8
130	21.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.90 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion:	107	Resp:	359557
Ion	Ratio	Lower	Upper
107	100		
108	93.4	71.0	111.0
77	29.6	90.5	130.5#
79	28.7	8.4	48.4

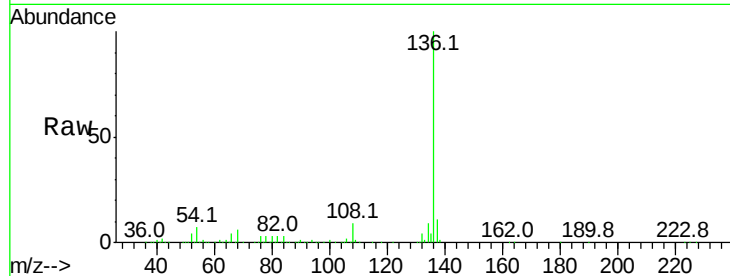




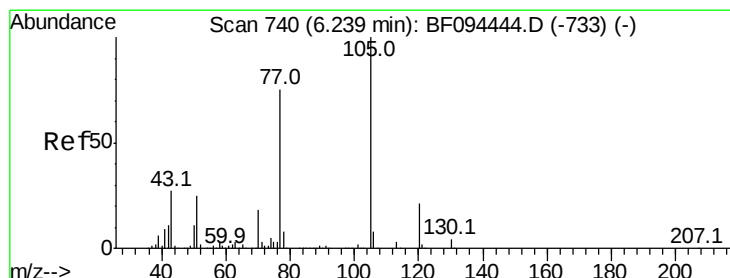
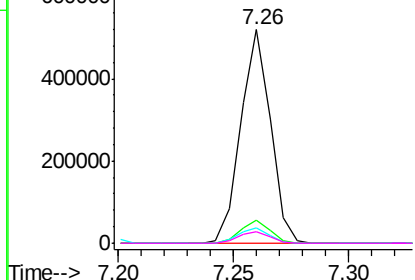
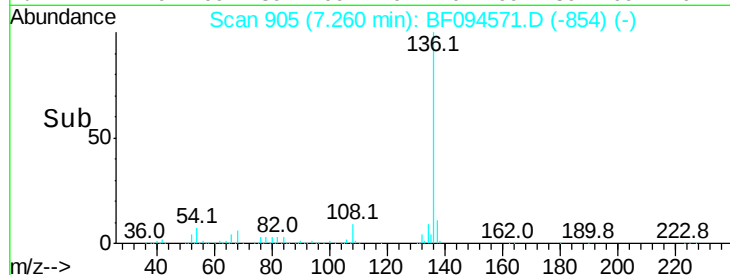
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	468382
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	7.2	4.9 7.3
68	5.6	4.1 6.1

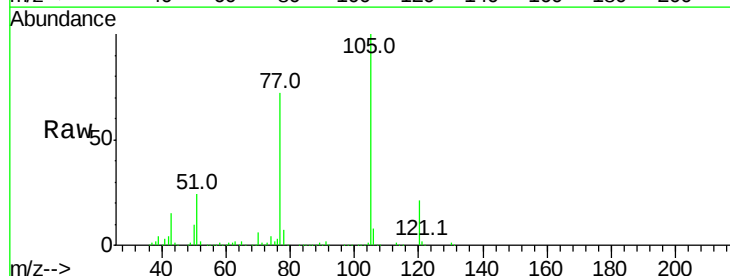


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

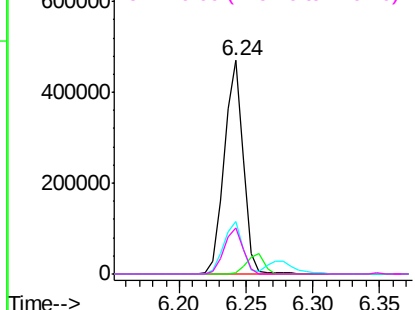
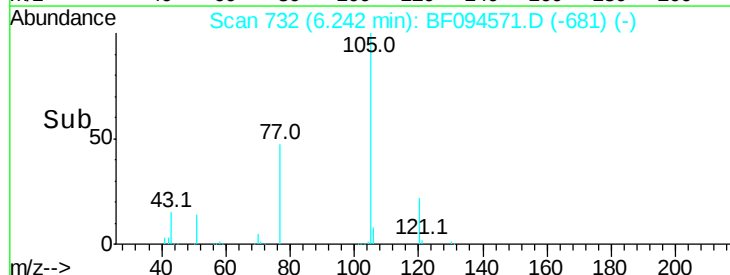


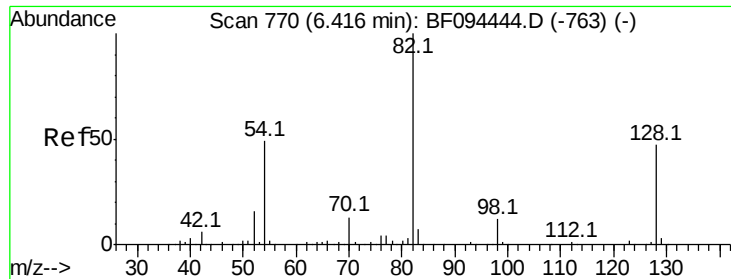
#22
Acetophenone
Concen: 41.66 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion:105	Resp:	474413
Ion Ratio	Lower	Upper
105	100	
71	0.9	2.8 4.2#
51	24.4	30.7 46.1#
120	21.5	17.4 26.0



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

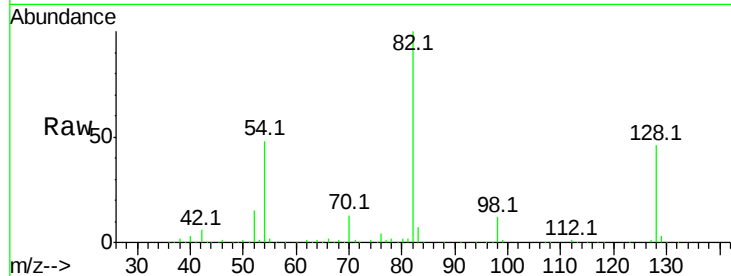




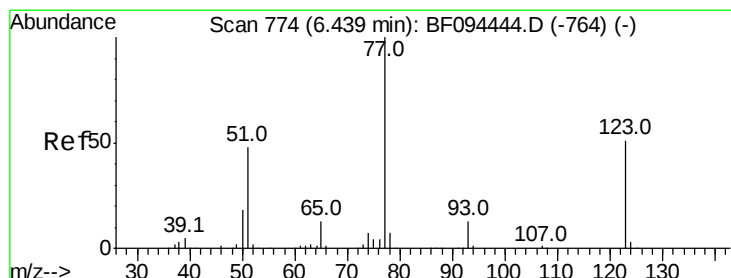
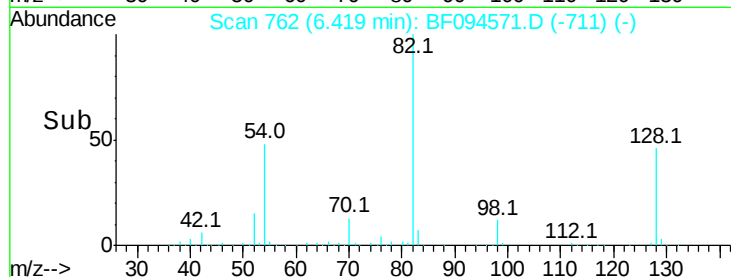
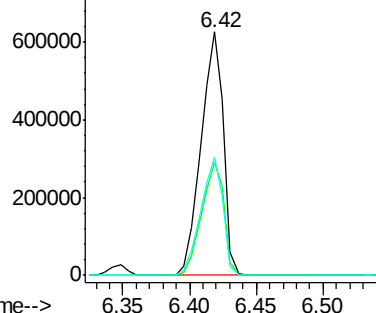
#23
 Nitrobenzene-d5
 Concen: 96.82 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	734399
Ion Ratio	Lower	Upper	
82	100		
128	46.5	34.0	51.0
54	48.4	42.2	63.2

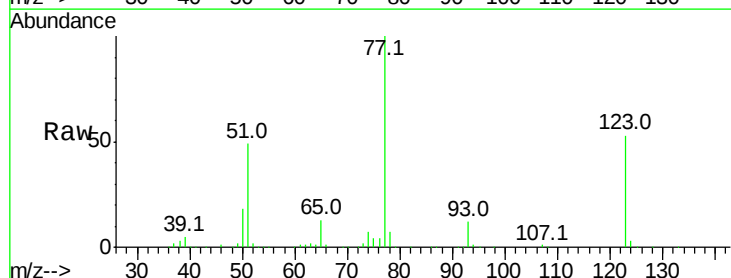


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

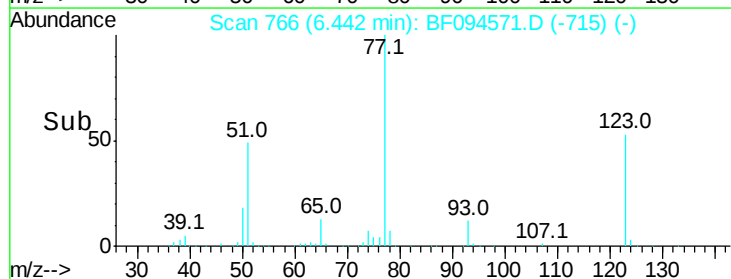
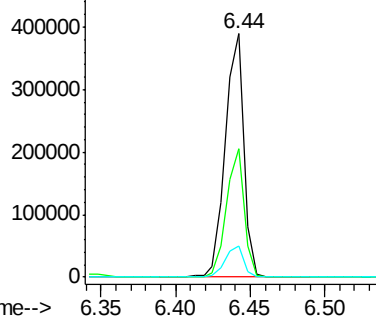


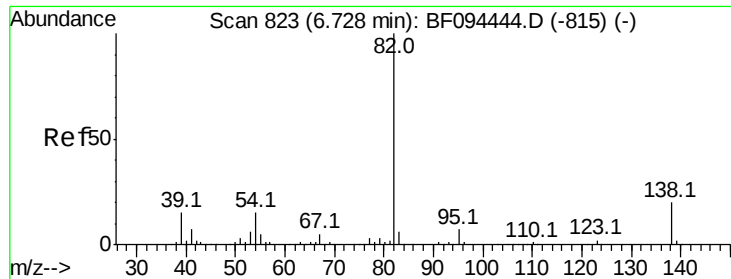
#24
 Nitrobenzene
 Concen: 41.37 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	77	Resp	330434
Ion Ratio	Lower	Upper	
77	100		
123	52.6	35.8	53.8
65	12.6	10.6	15.8



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





#25

Isophorone

Concen: 42.48 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :

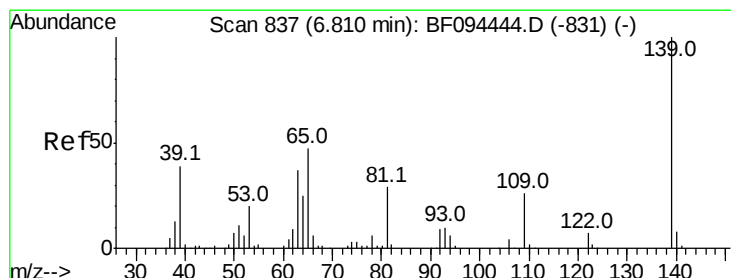
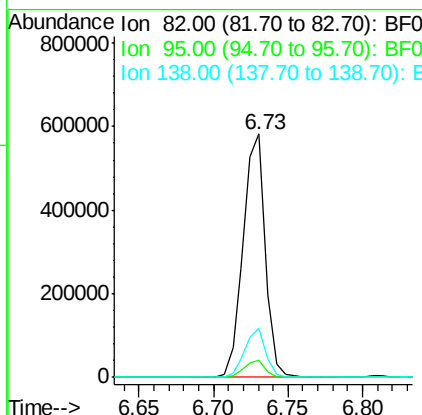
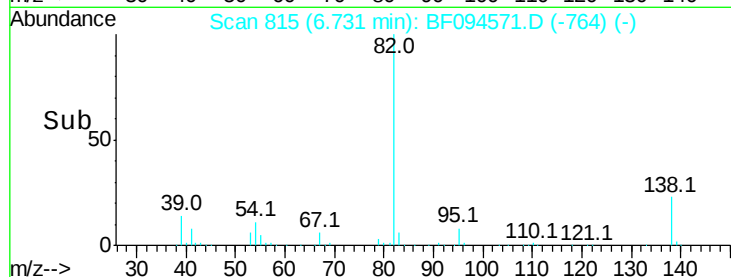
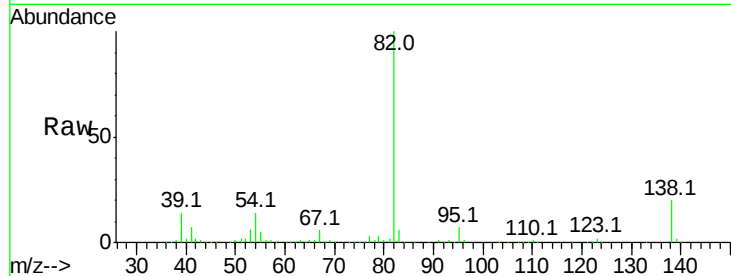
Tot Ion: 82 Resp: 597359

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 20.3 13.1 19.7#



#26

2-Nitrophenol

Concen: 42.14 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

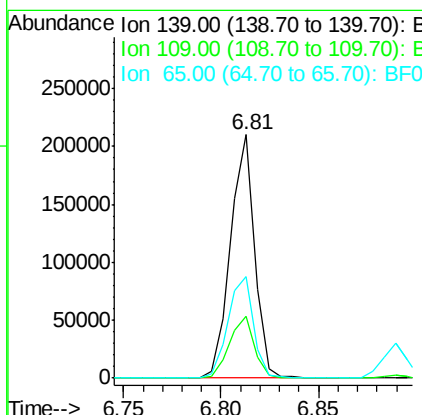
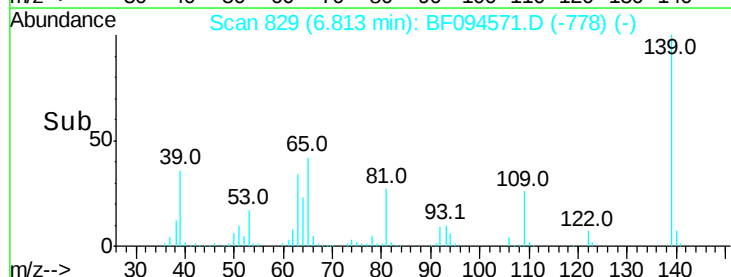
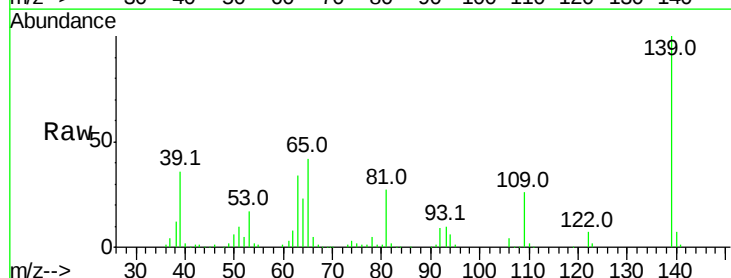
Tgt Ion:139 Resp: 180836

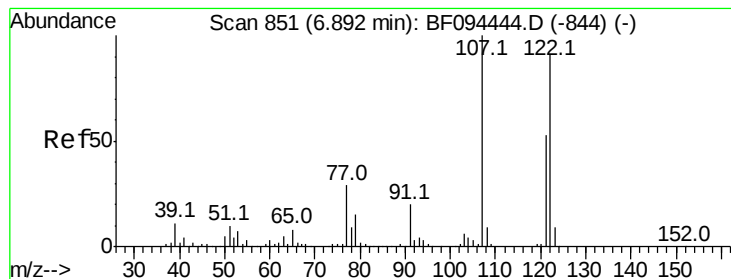
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 41.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 41.94 ng

RT: 6.89 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampled :

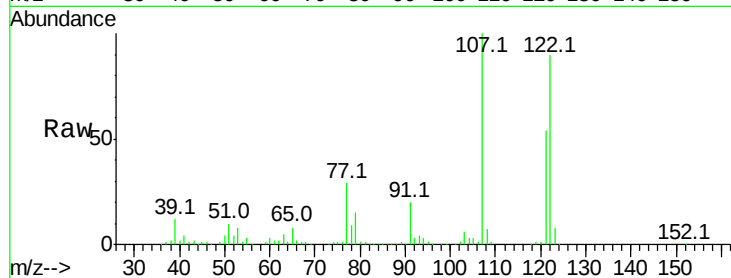
Tot Ion:122 Resp: 292358

Ion Ratio Lower Upper

122 100

107 111.1 89.2 133.8

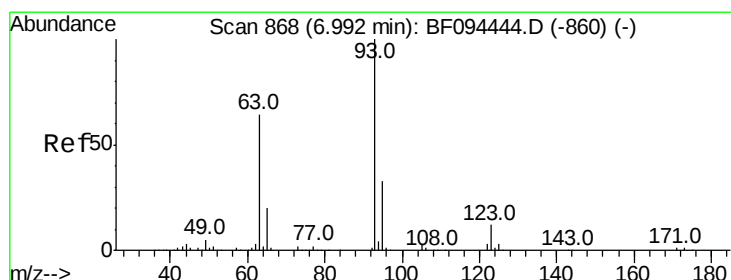
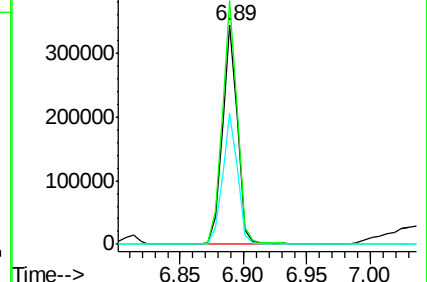
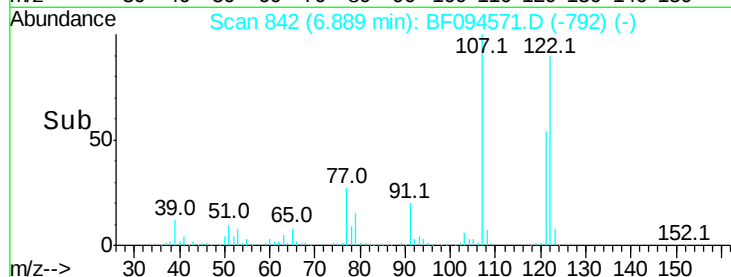
121 59.5 45.2 67.8



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: 42.22 ng

RT: 6.99 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

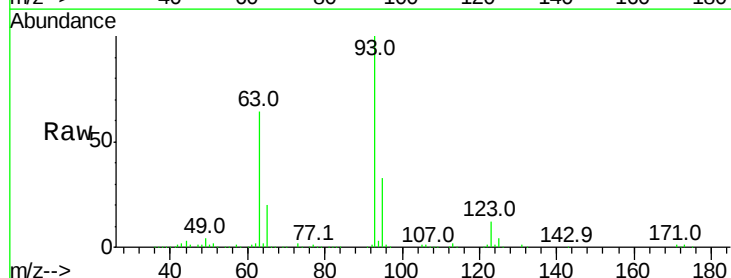
Tgt Ion: 93 Resp: 384027

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

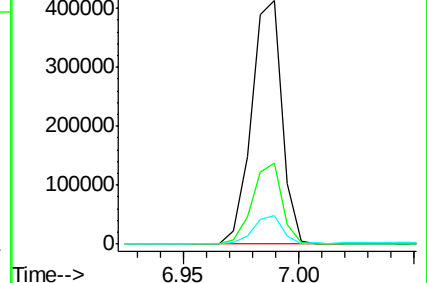
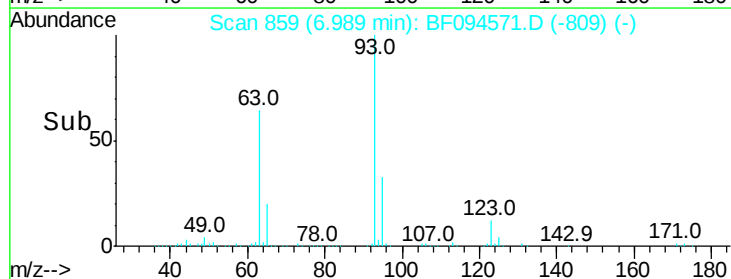
123 11.9 9.0 13.4

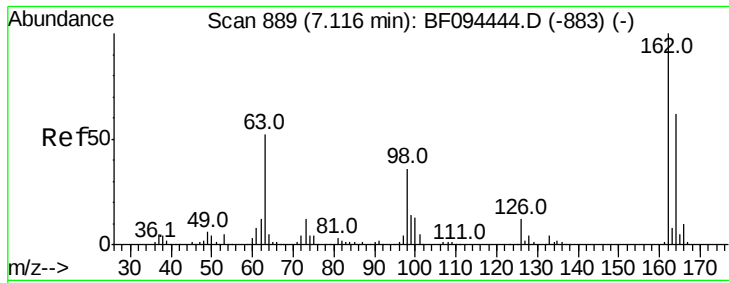


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

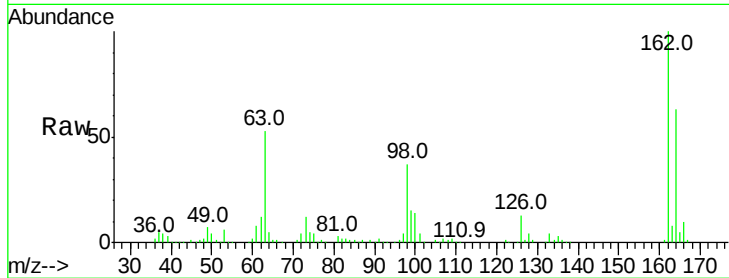




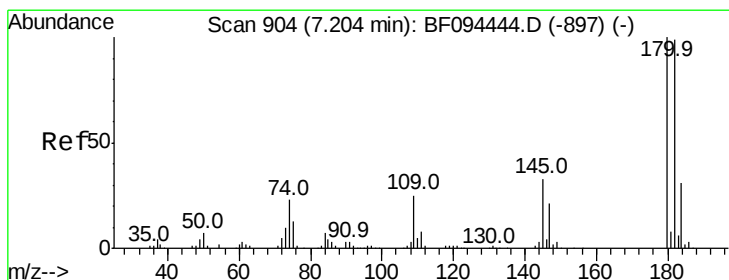
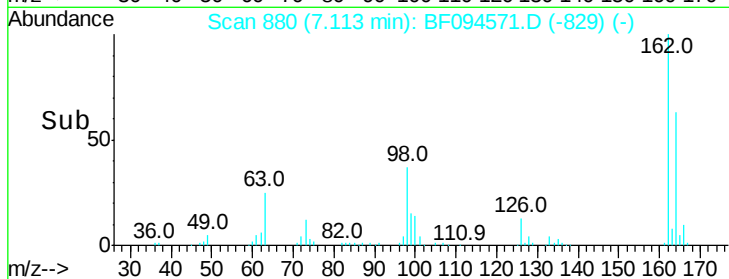
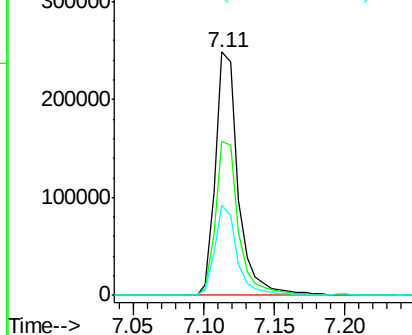
#29
 2,4-Dichlorophenol
 Concen: 43.39 ng
 RT: 7.11 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	37.1	14.8	54.8

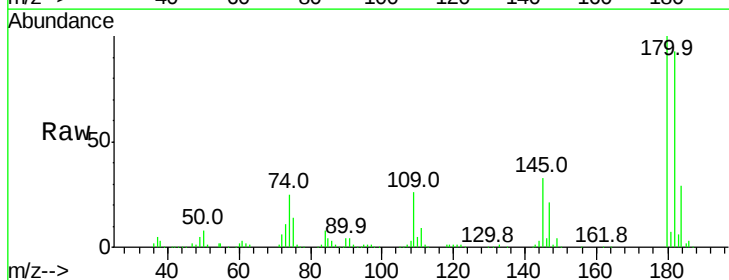


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

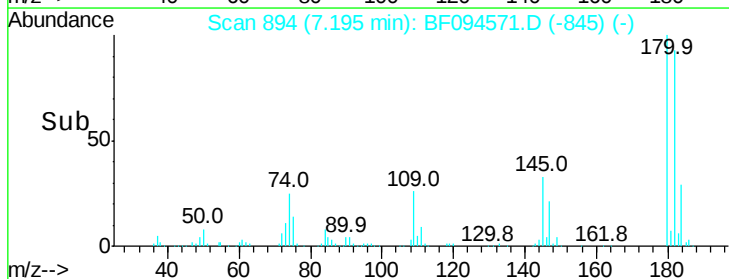
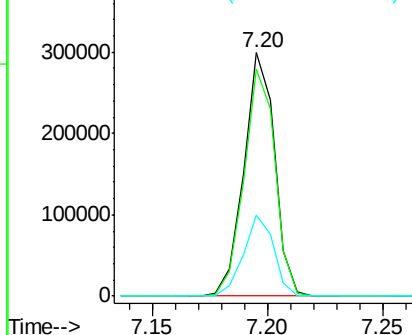


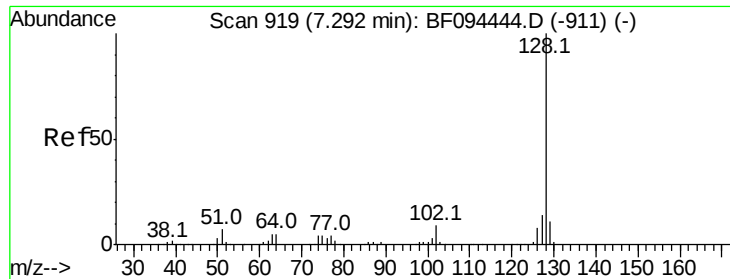
#30
 1,2,4-Trichlorobenzene
 Concen: 41.46 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.8	113.6
145	33.4	25.3	37.9



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

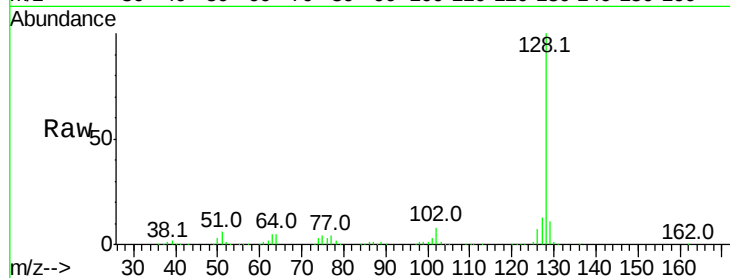




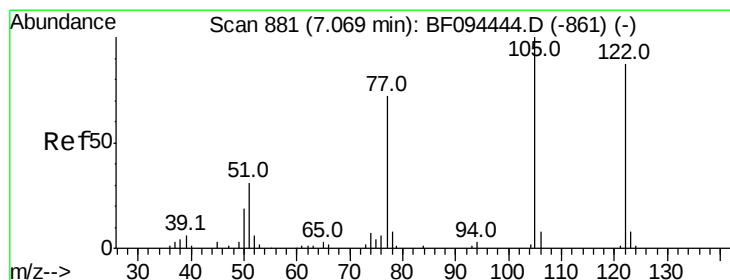
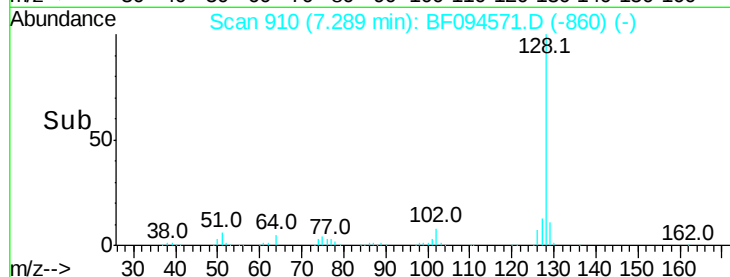
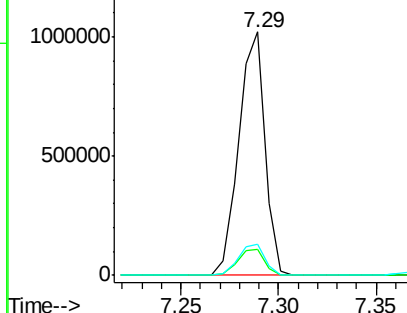
#31
Naphthalene
Concen: 42.03 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 946436
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.9 10.8 16.2

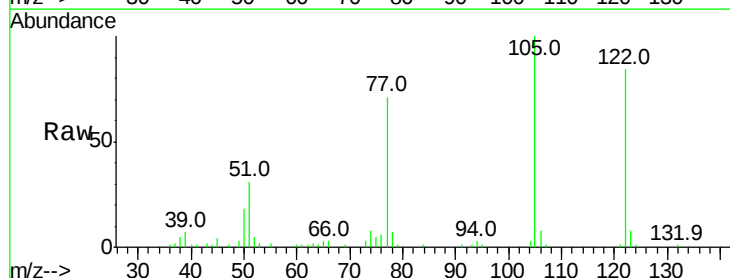


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

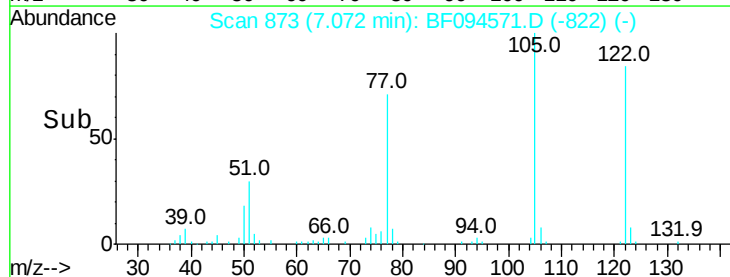
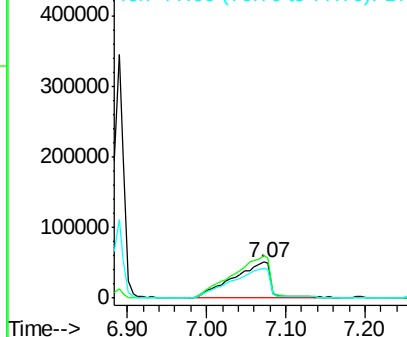


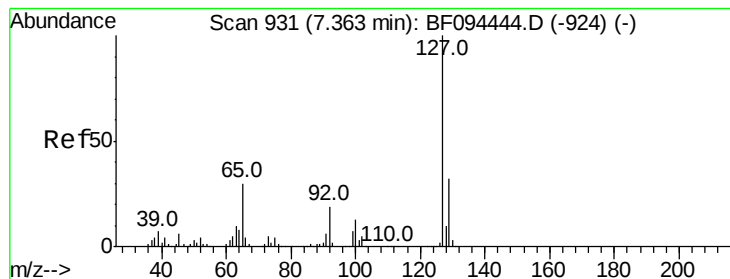
#32
Benzoic acid
Concen: 45.15 ng
RT: 7.07 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion:122 Resp: 166422
Ion Ratio Lower Upper
122 100
105 119.1 103.3 143.3
77 85.1 73.7 113.7



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: 12.67 ng

RT: 7.38 min Scan# 926

Delta R.T. 0.02 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 118640

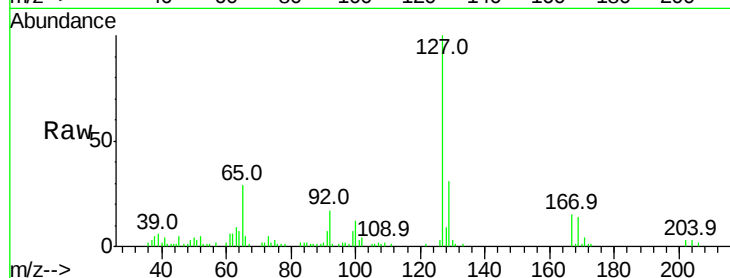
Ion Ratio Lower Upper

127 100

129 30.6 26.2 39.2

65 28.9 27.8 41.8

92 16.6 16.8 25.2#

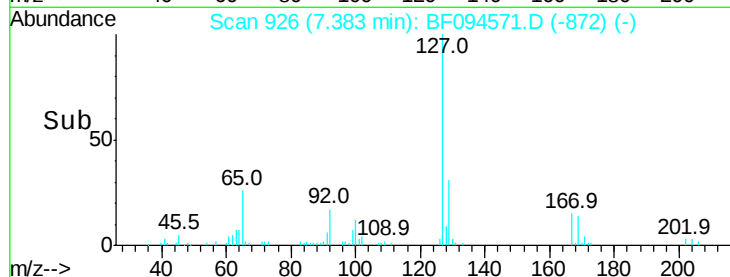


Abundance Ion 127.00 (126.70 to 127.70): E

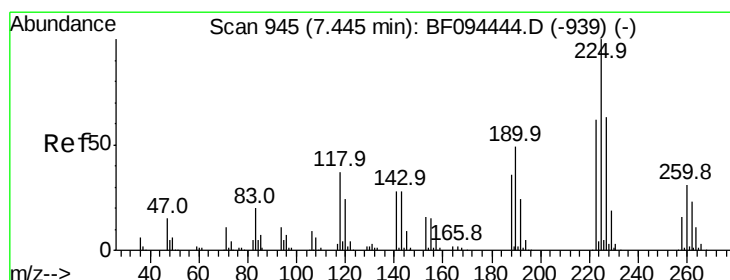
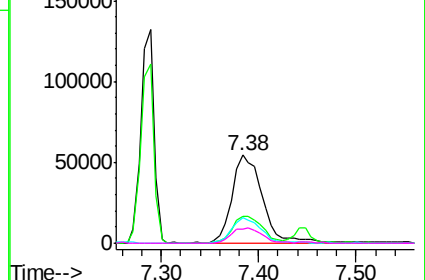
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 42.11 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

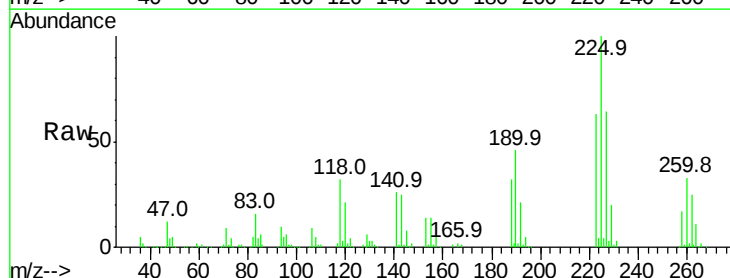
Tgt Ion:225 Resp: 140742

Ion Ratio Lower Upper

225 100

223 63.3 48.8 73.2

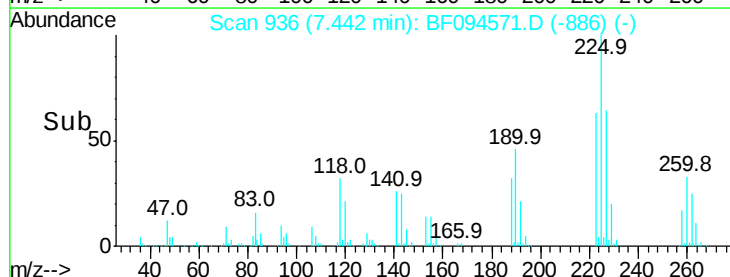
227 64.0 51.1 76.7



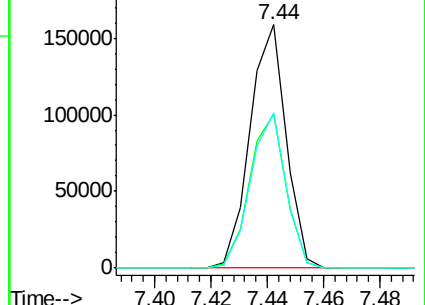
Abundance Ion 225.00 (224.70 to 225.70): E

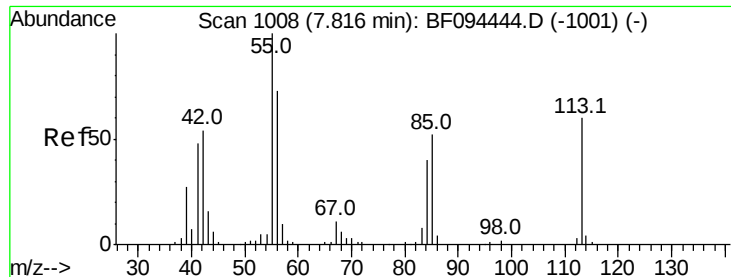
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#35

Caprolactam

Concen: 28.99 ng

RT: 7.82 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

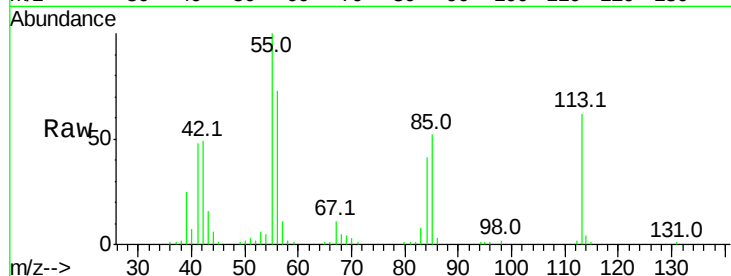
Tot Ion:113 Resp: 59063

Ion Ratio Lower Upper

113 100

55 160.4 150.2 190.2

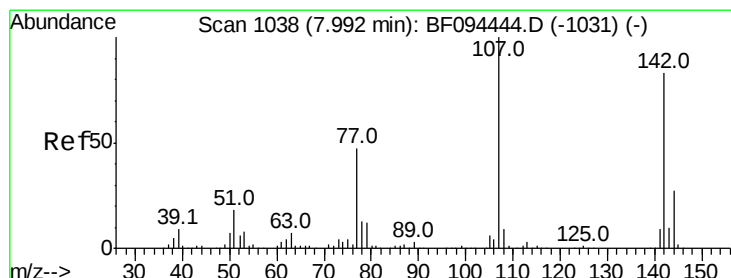
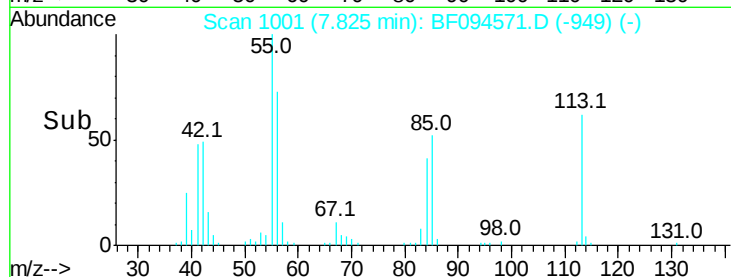
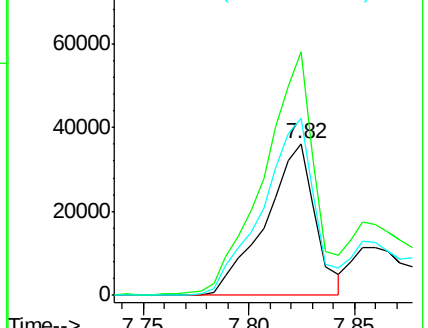
56 117.0 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.69 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

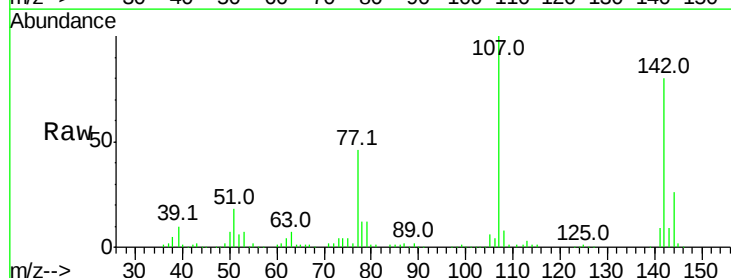
Tgt Ion:107 Resp: 283299

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

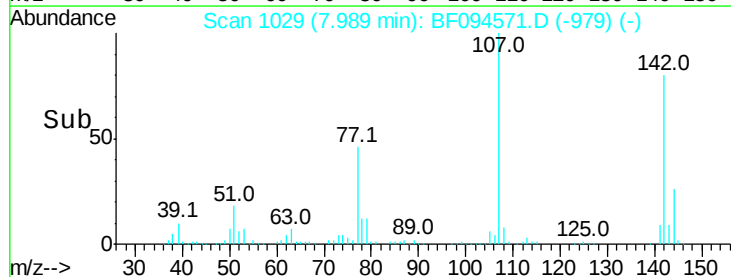
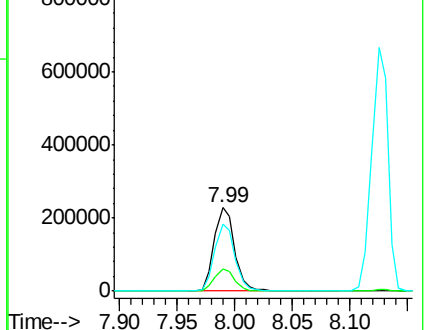
142 80.4 73.4 110.0

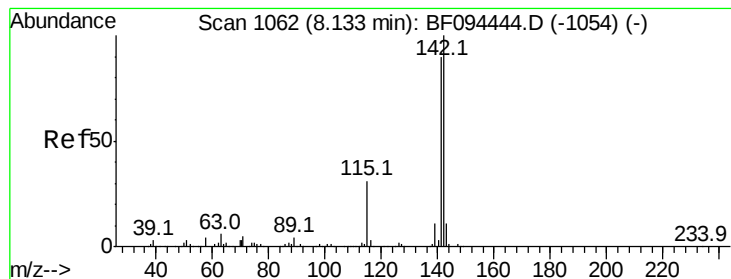


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.14 ng

RT: 8.12 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

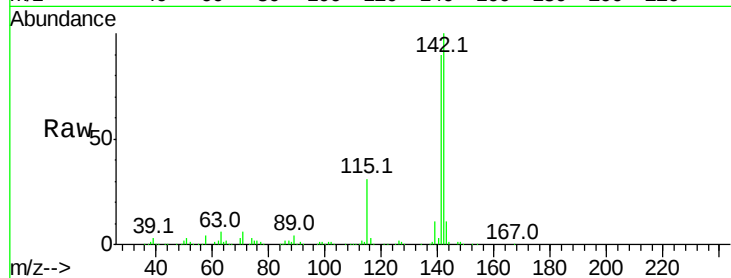
Tot Ion:142 Resp: 664548

Ion Ratio Lower Upper

142 100

141 89.7 71.3 106.9

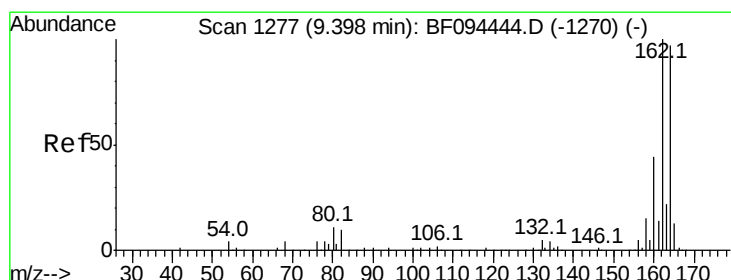
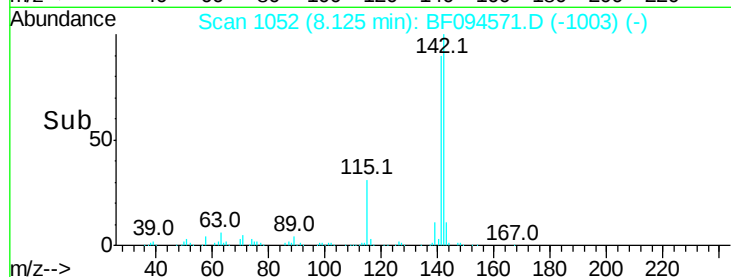
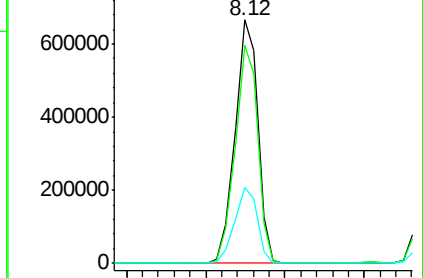
115 31.3 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

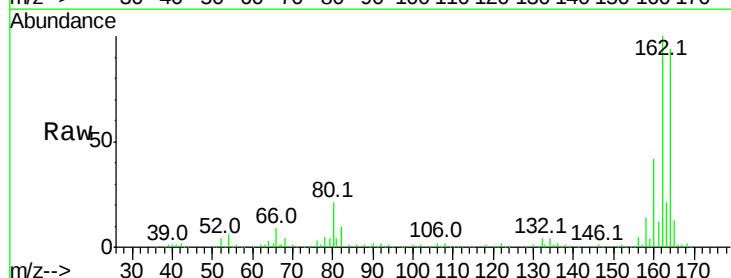
Tgt Ion:164 Resp: 200365

Ion Ratio Lower Upper

164 100

162 106.0 82.6 123.8

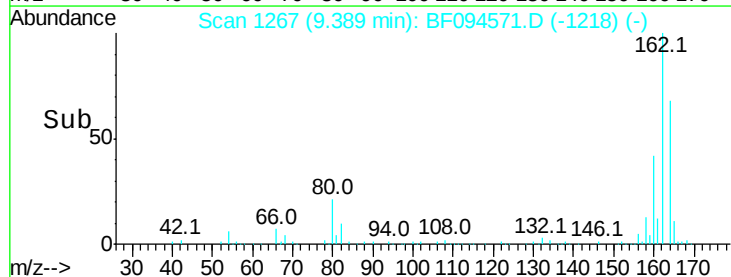
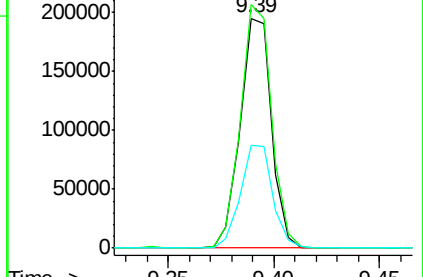
160 45.0 36.2 54.2

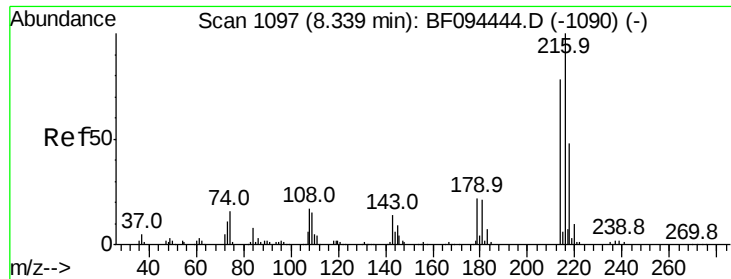


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

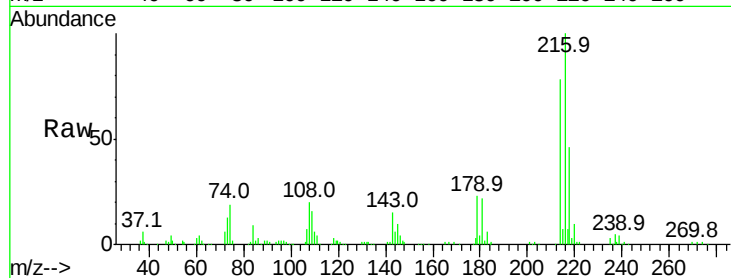




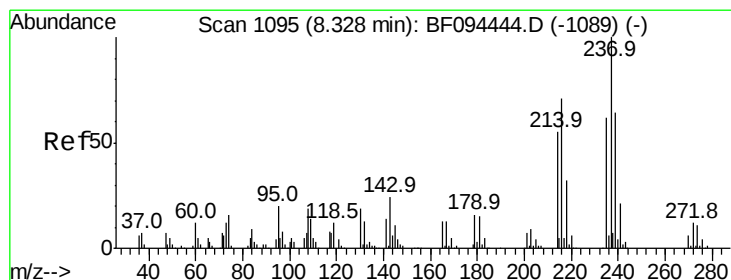
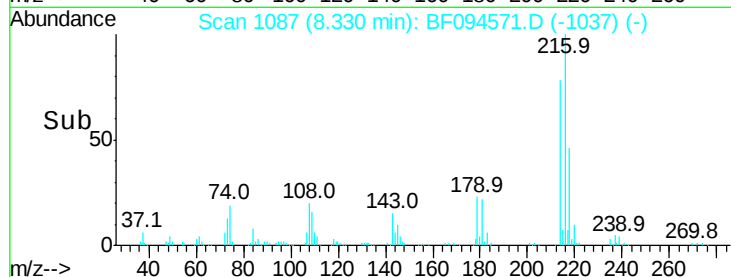
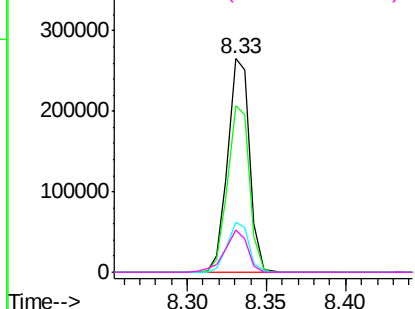
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.41 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	253365
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.2
179	22.8	17.9	26.9
108	20.3	16.5	24.7

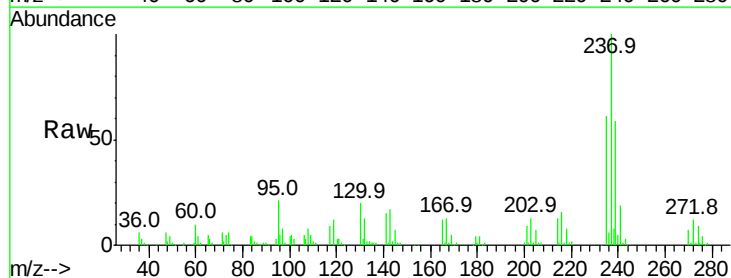


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

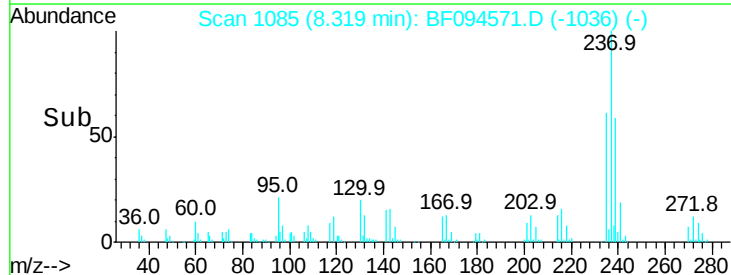
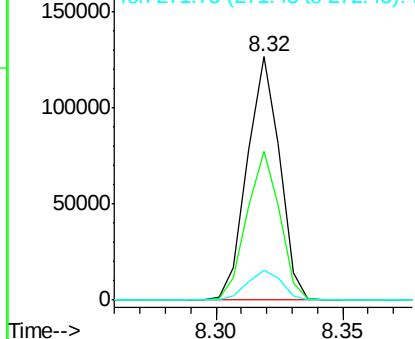


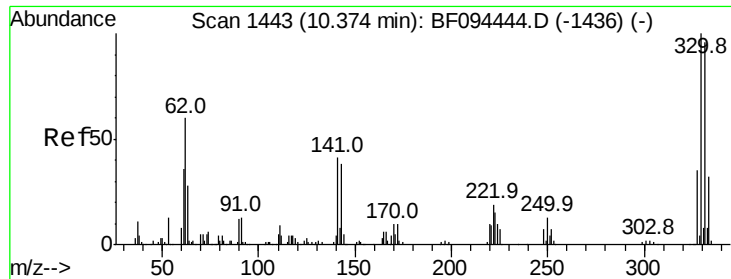
#40
 Hexachlorocyclopentadiene
 Concen: 48.85 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion:	237	Resp:	112759
Ion	Ratio	Lower	Upper
237	100		
235	61.4	42.6	82.6
272	12.2	0.0	31.9



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

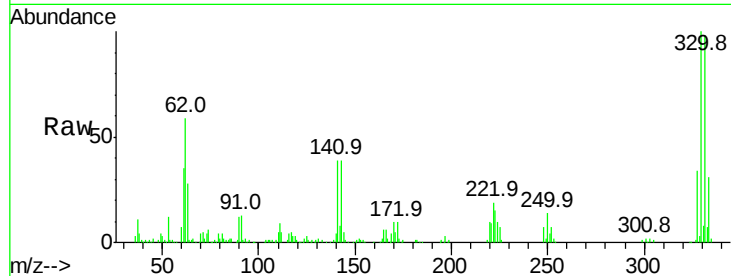




#41
 2,4,6-Tribromophenol
 Concen: 146.85 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	40.0	31.4	47.2

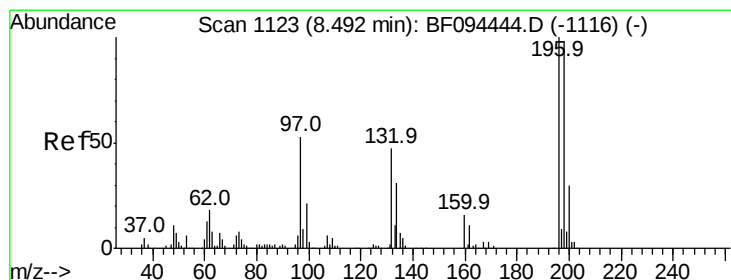
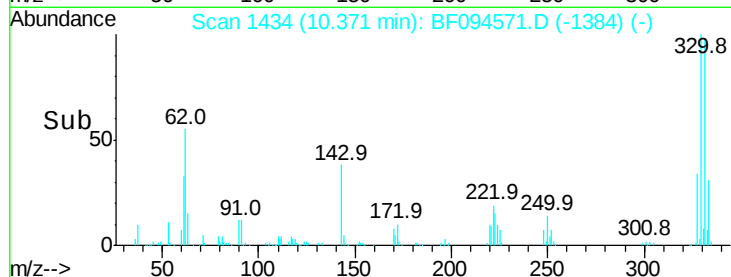
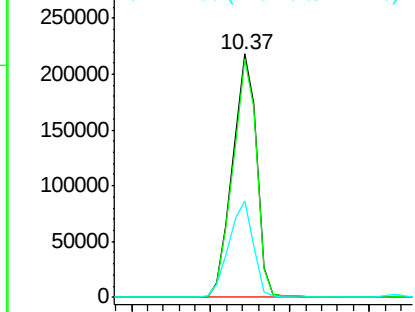


Abundance

Ion 329.80 (329.50 to 330.50): E

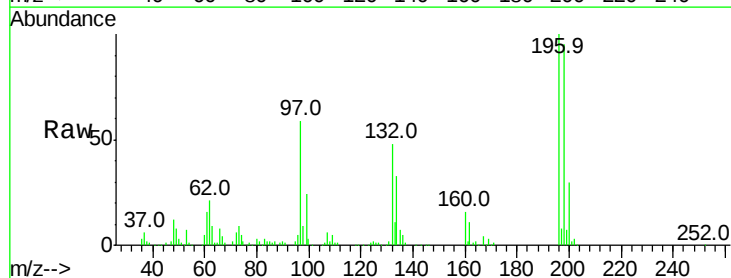
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.28 ng
 RT: 8.48 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.2	111.4
200	30.0	24.0	36.0

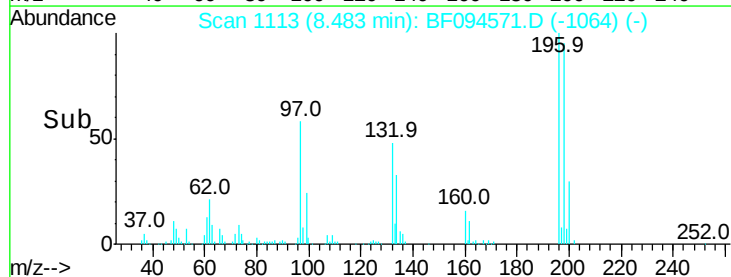
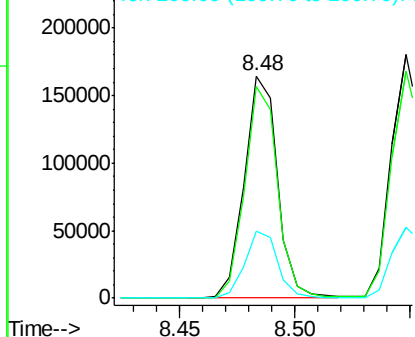


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

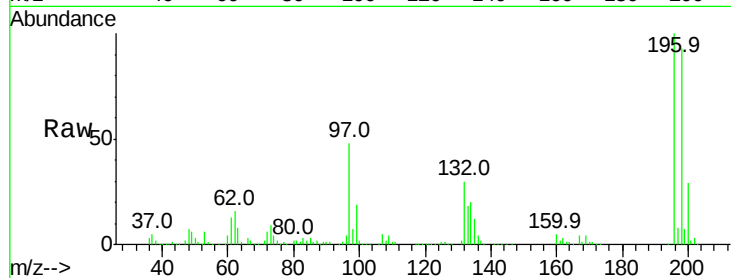




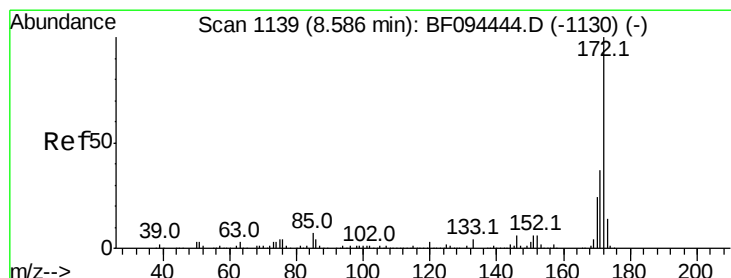
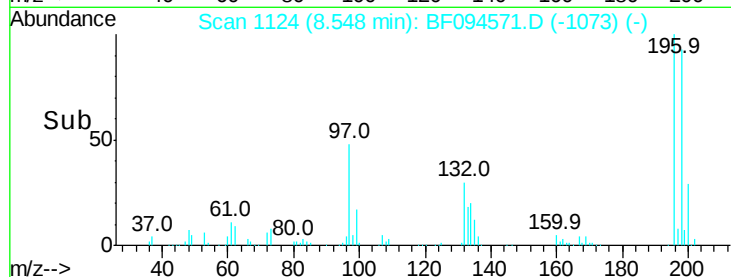
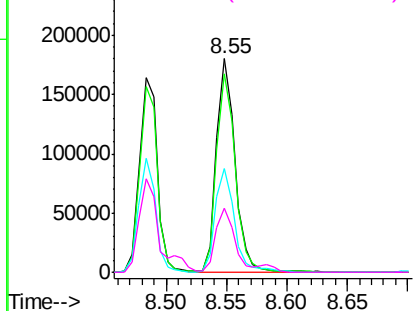
#43
 2,4,5-Trichlorophenol
 Concen: 46.84 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 192718
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.7 113.5
 97 48.5 47.7 71.5
 132 30.1 28.0 42.0

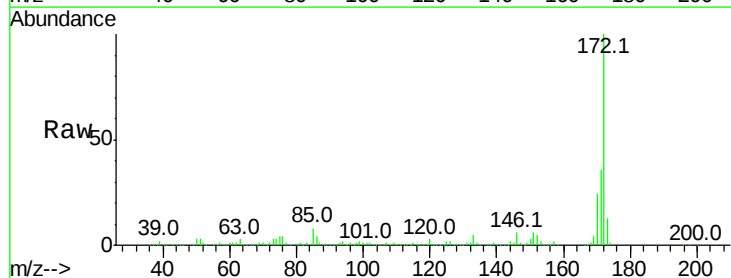


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

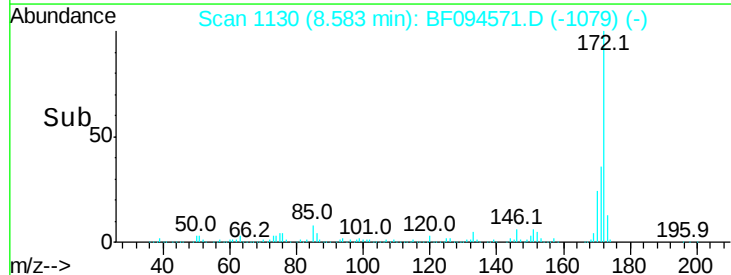
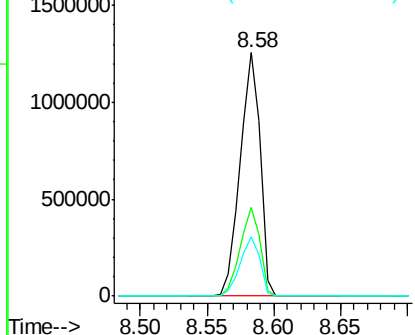


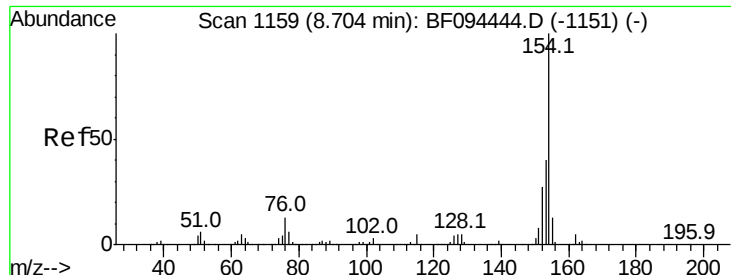
#44
 2-Fluorobiphenyl
 Concen: 96.19 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion:172 Resp: 1309953
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.2 19.8 29.8



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

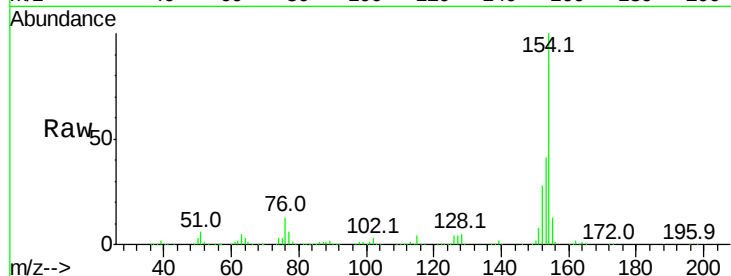




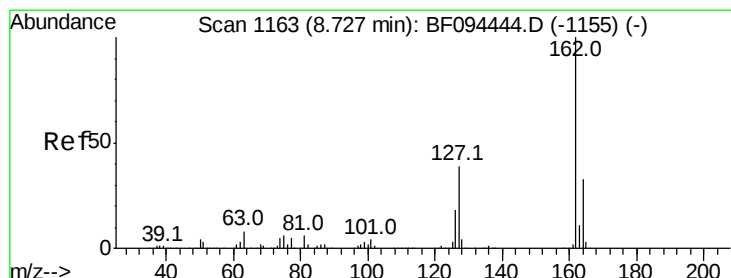
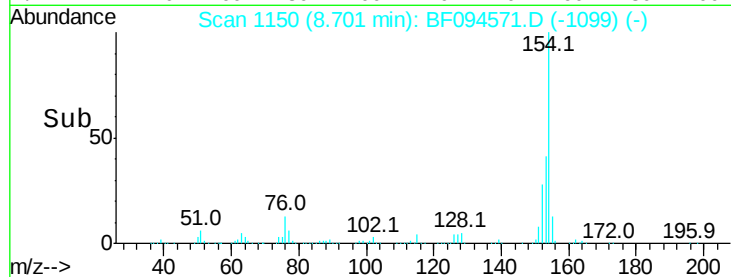
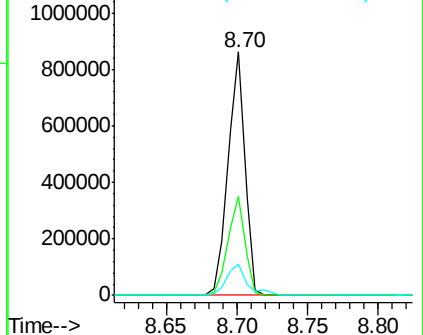
#45
 1,1'-Biphenyl
 Concen: 44.03 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	12.9	0.0	29.9

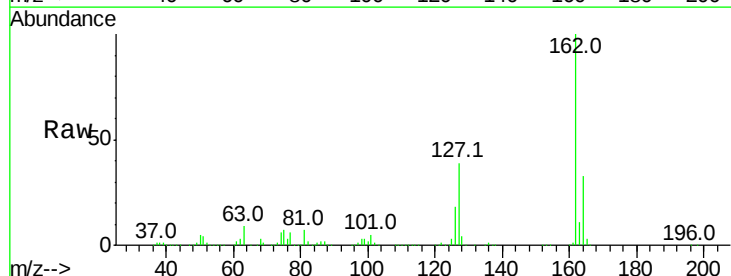


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

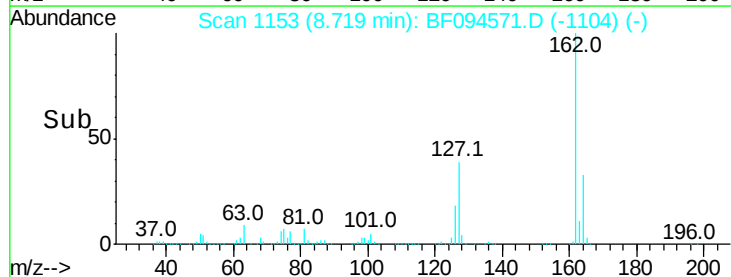
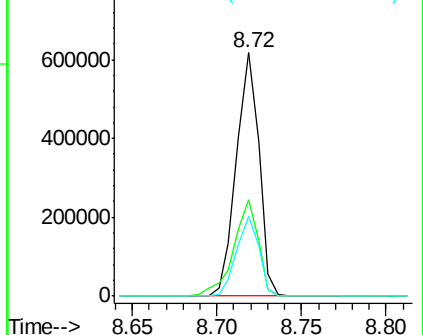


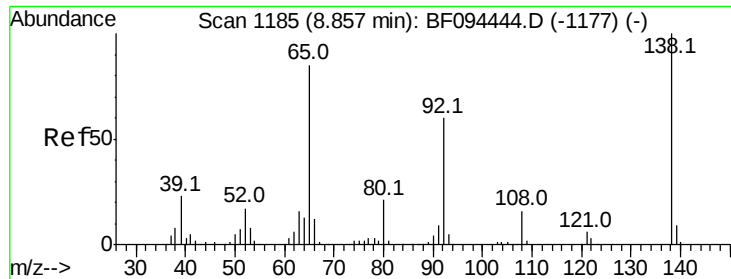
#46
 2-Chloronaphthalene
 Concen: 44.25 ng
 RT: 8.72 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	28.3	42.5
164	32.6	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

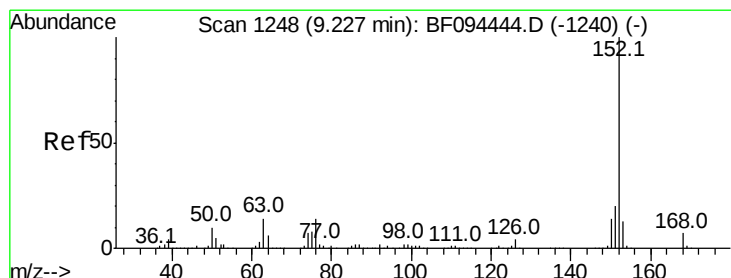
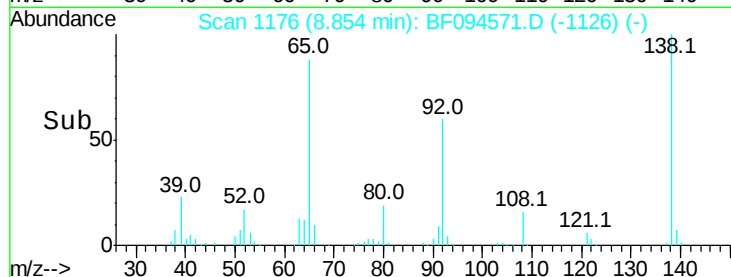
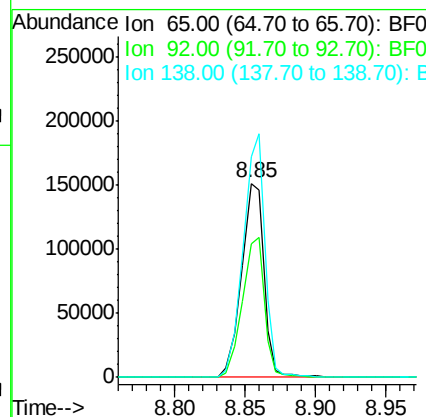
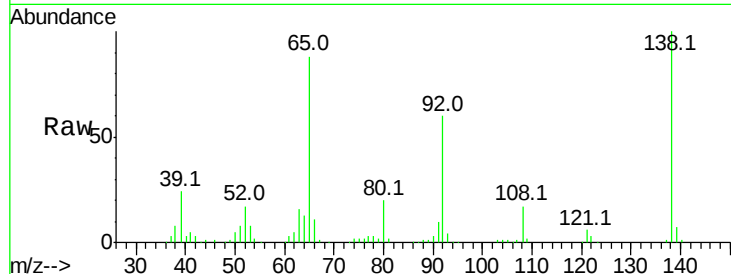




#47
 2-Nitroaniline
 Concen: 45.00 ng
 RT: 8.85 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

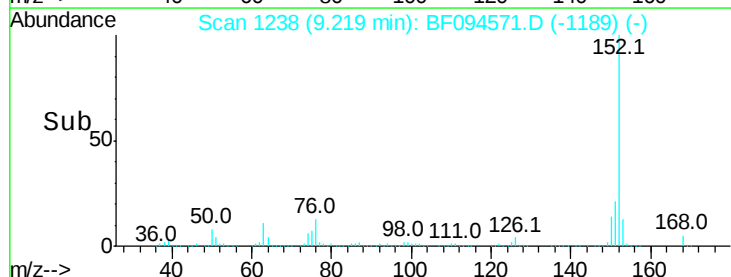
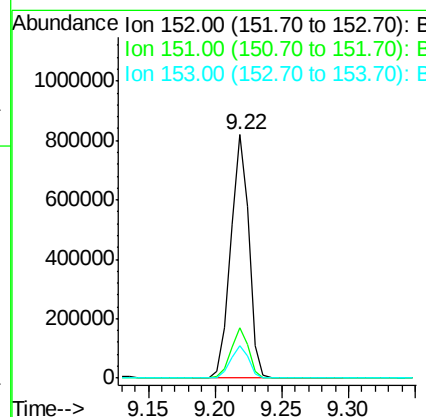
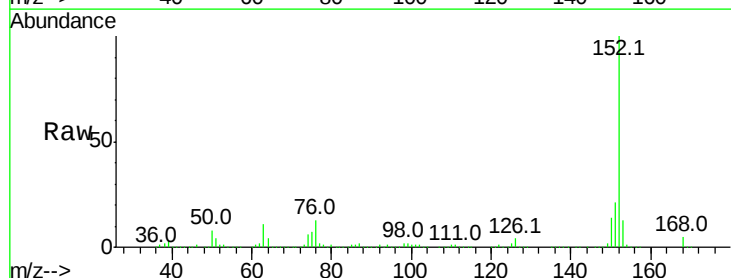
Instrument :
 BNA_F
 ClientSampled :

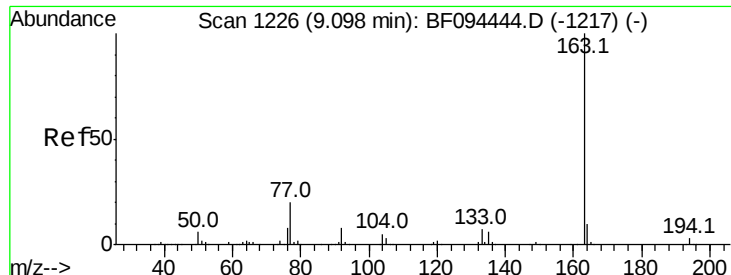
Tot Ion: 65 Resp: 168516
 Ion Ratio Lower Upper
 65 100
 92 68.7 53.9 80.9
 138 113.6 78.8 118.2



#48
 Acenaphthylene
 Concen: 38.86 ng
 RT: 9.22 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion:152 Resp: 788456
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.4 10.8 16.2

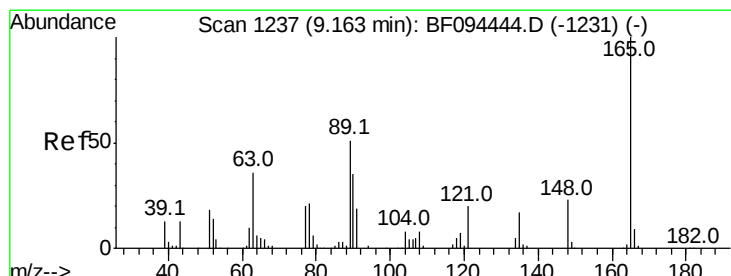
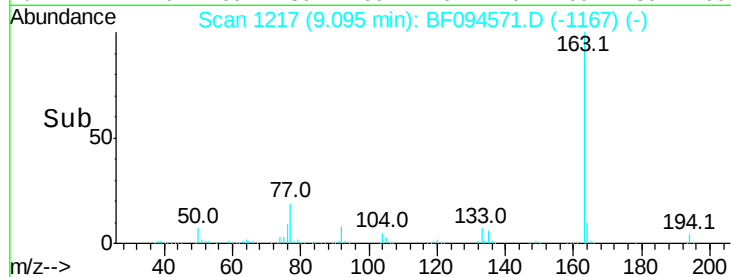
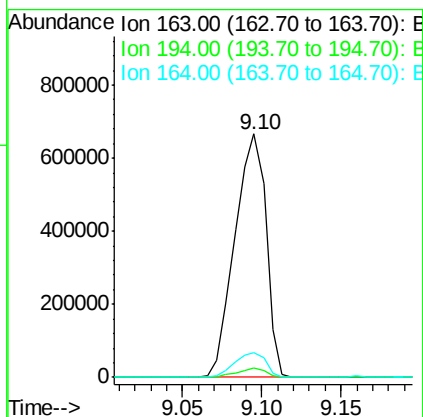
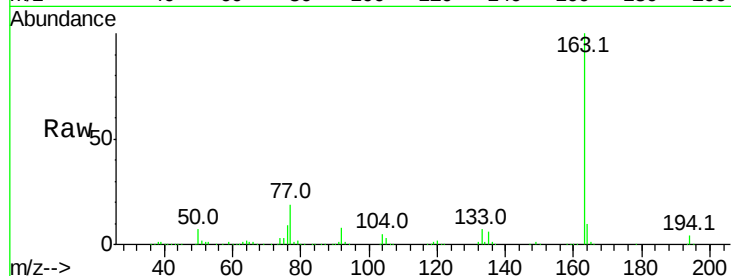




#49
Dimethylphthalate
Concen: 60.70 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

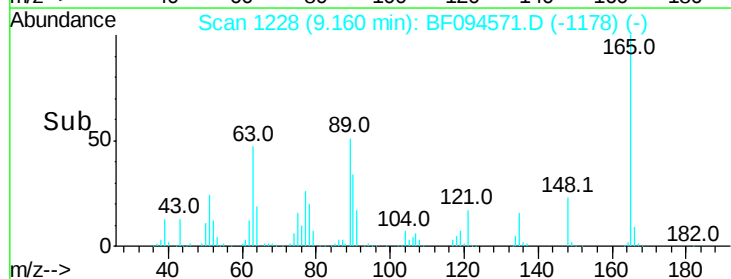
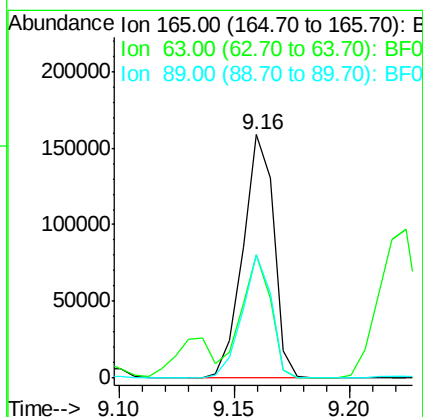
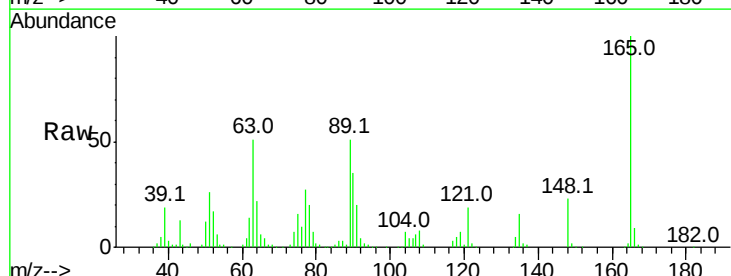
Instrument :
BNA_F
ClientSampleId :

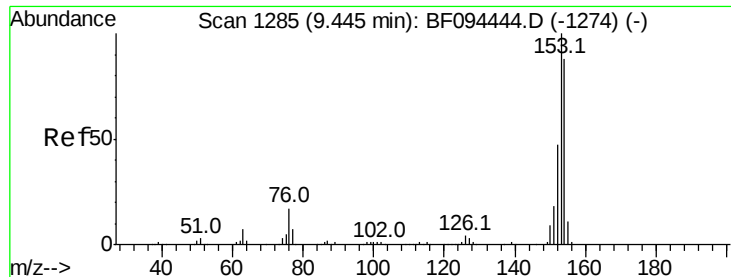
Tot Ion:163 Resp: 906379
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.3 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 44.31 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion:165 Resp: 148524
Ion Ratio Lower Upper
165 100
63 50.6 34.3 51.5
89 50.9 37.1 55.7





#51

Acenaphthene

Concen: 43.21 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

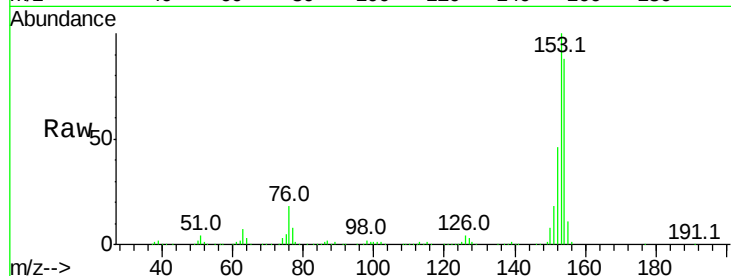
Tot Ion:154 Resp: 525219

Ion Ratio Lower Upper

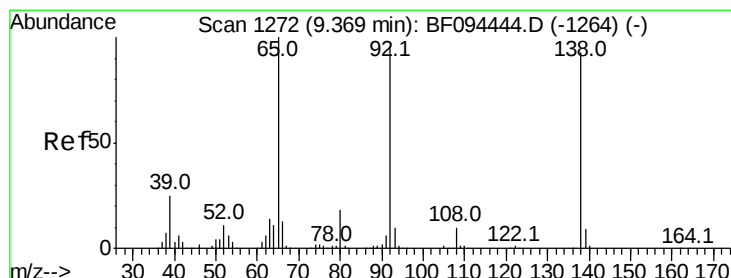
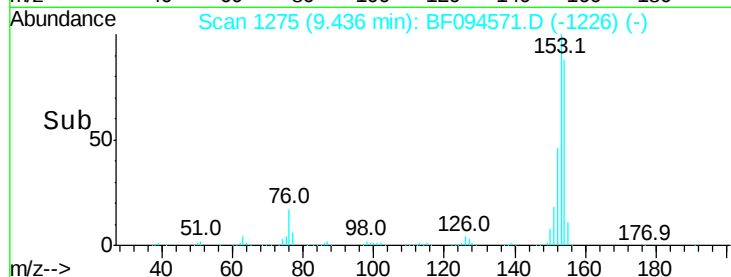
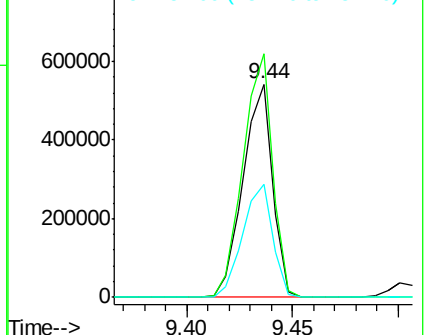
154 100

153 114.3 90.5 135.7

152 53.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.09 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

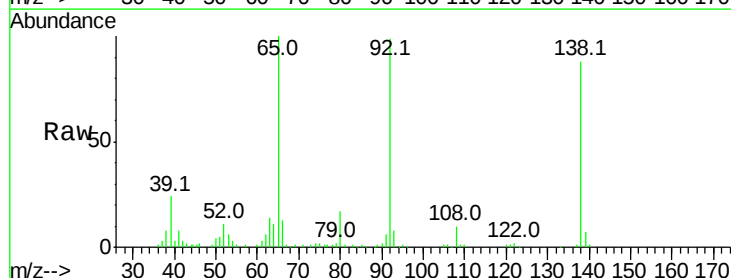
Tgt Ion:138 Resp: 77913

Ion Ratio Lower Upper

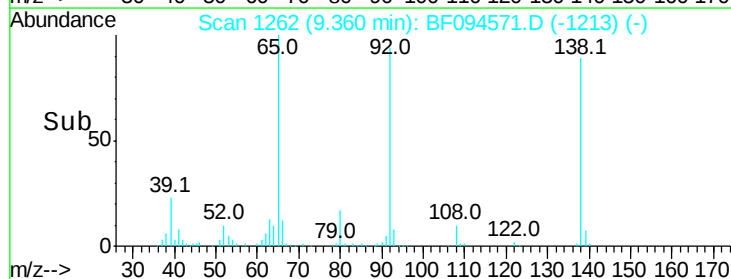
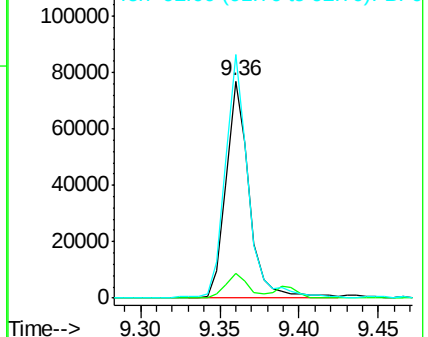
138 100

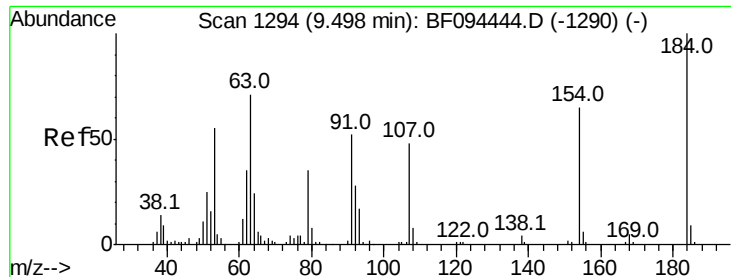
108 11.3 9.1 13.7

92 112.2 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

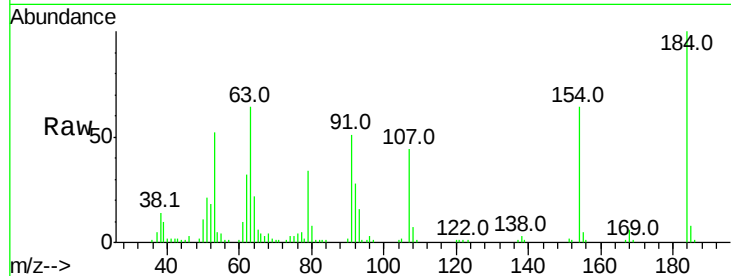




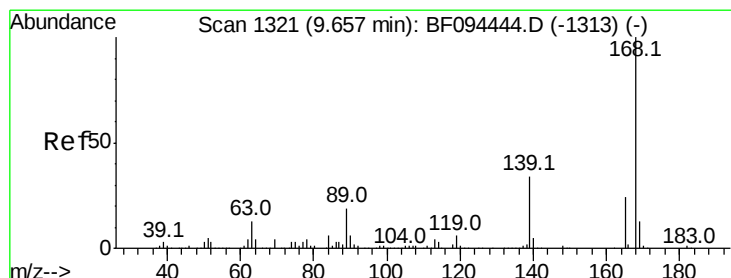
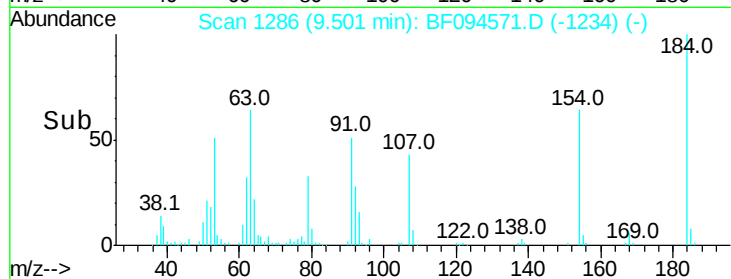
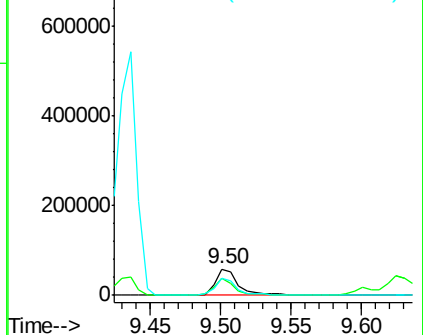
#53
 2,4-Dinitrophenol
 Concen: 40.70 ng
 RT: 9.50 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 68483
 Ion Ratio Lower Upper
 184 100
 63 64.4 62.7 94.1
 154 64.0 81.1 121.7#

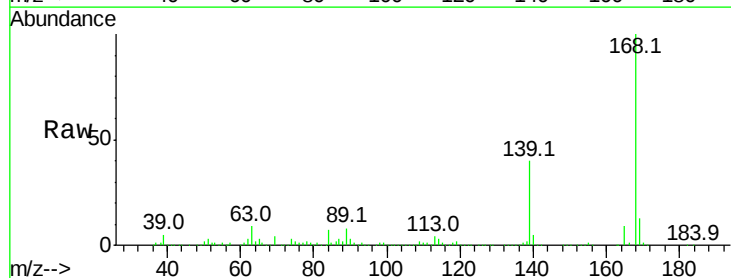


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

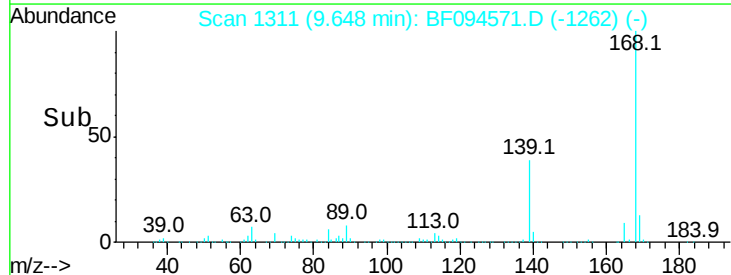
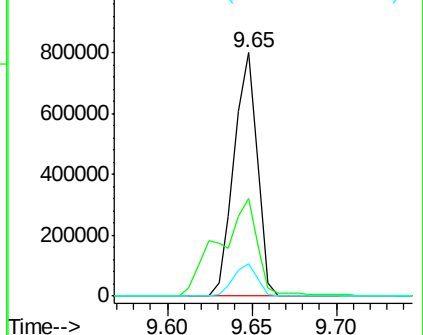


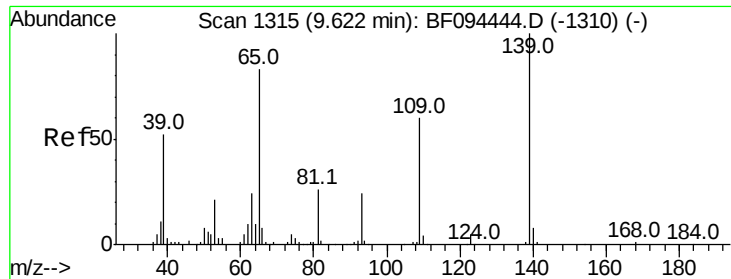
#54
 Dibenzofuran
 Concen: 43.41 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion:168 Resp: 766774
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.6 45.8
 169 13.3 10.8 16.2



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

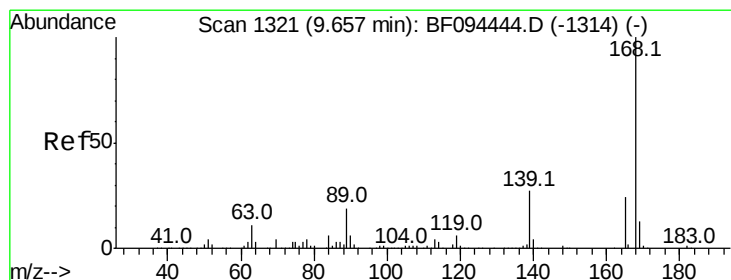
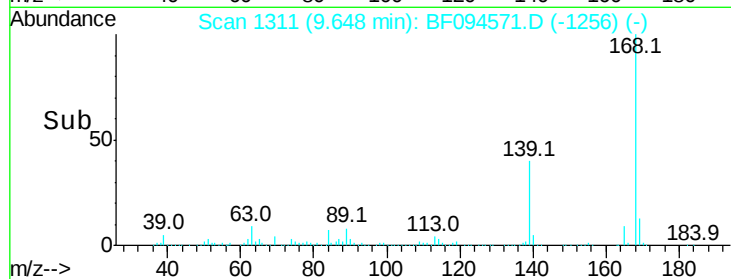
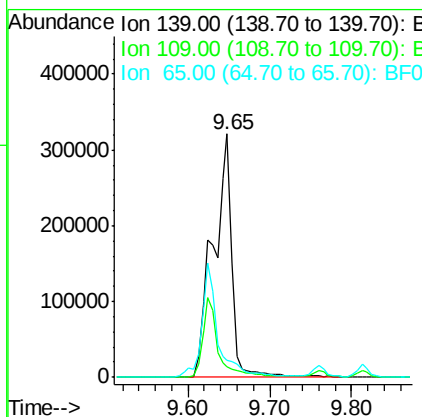
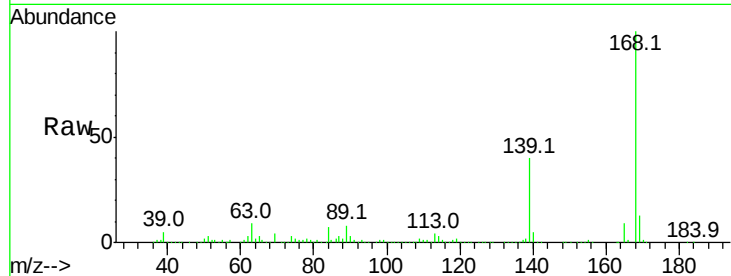




#55
4-Nitrophenol
Concen: 191.07 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.03 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

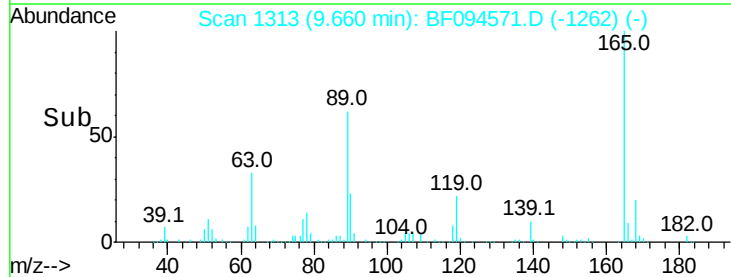
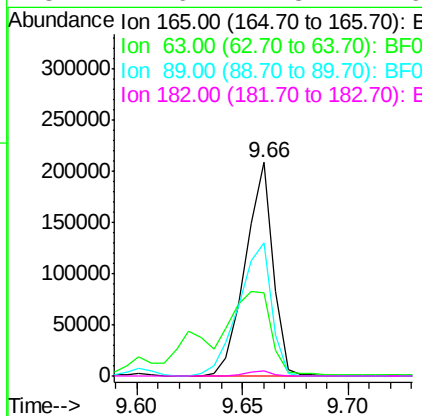
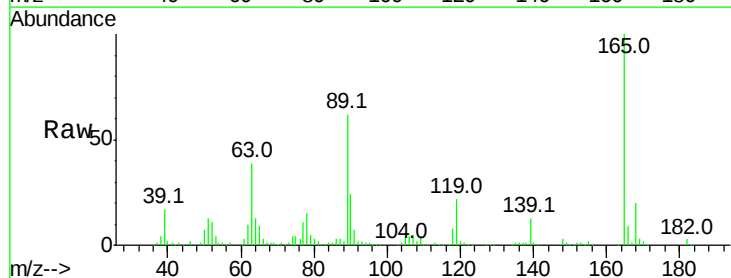
Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 523431
Ion Ratio Lower Upper
139 100
109 4.5 34.1 74.1#
65 7.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 46.37 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion:165 Resp: 190706
Ion Ratio Lower Upper
165 100
63 39.0 25.4 38.0#
89 62.5 46.4 69.6
182 2.6 1.8 2.6

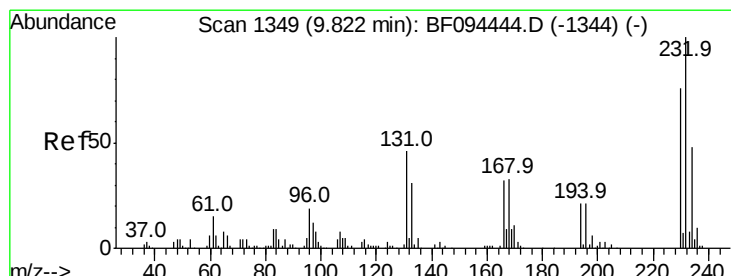
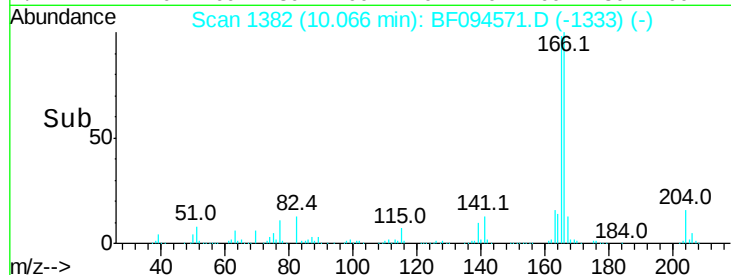
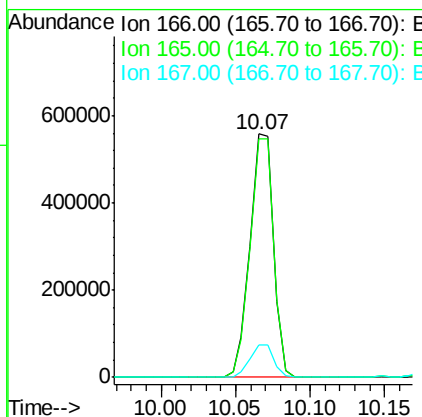
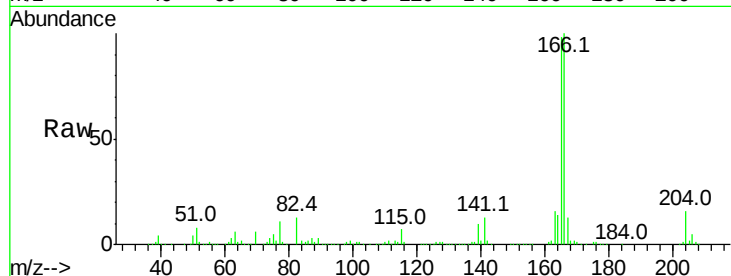




#57
Fluorene
 Concen: 43.89 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

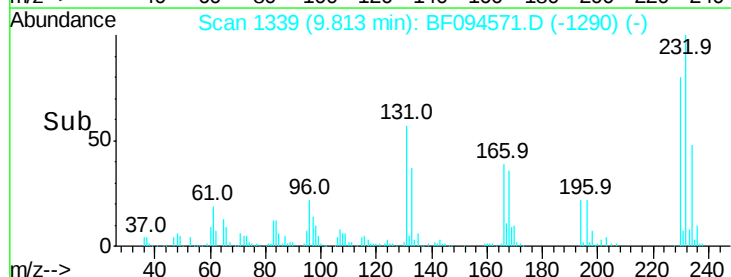
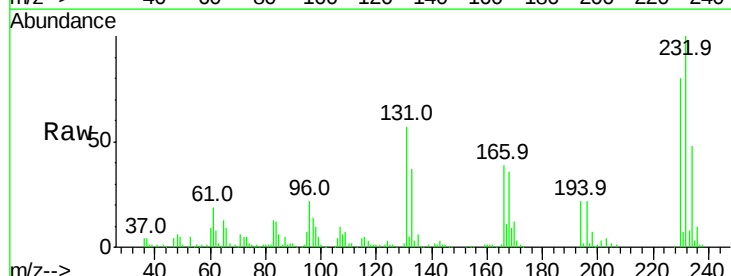
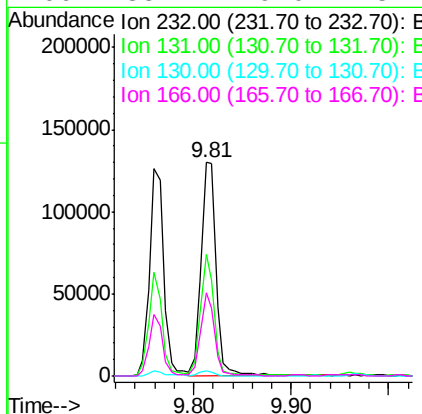
Instrument :
 BNA_F
 ClientSampleId :

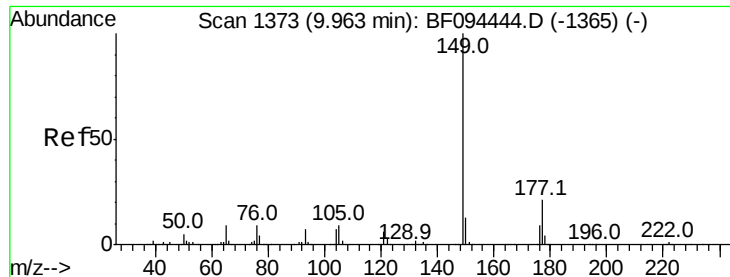
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.8	118.2
167	13.3	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.97 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.6	44.8	67.2
130	2.5	2.3	3.5
166	35.7	29.0	43.4

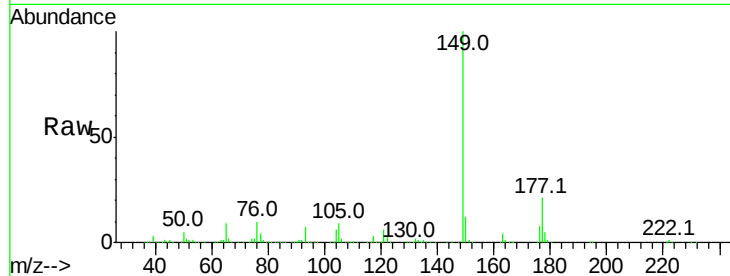




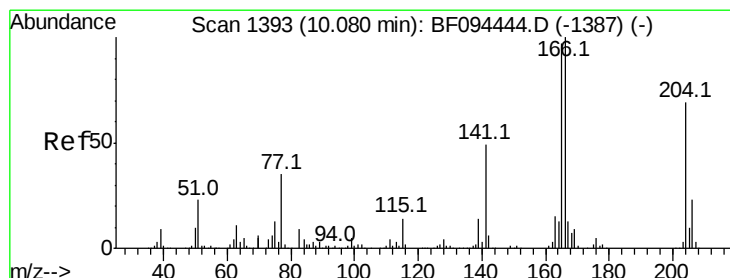
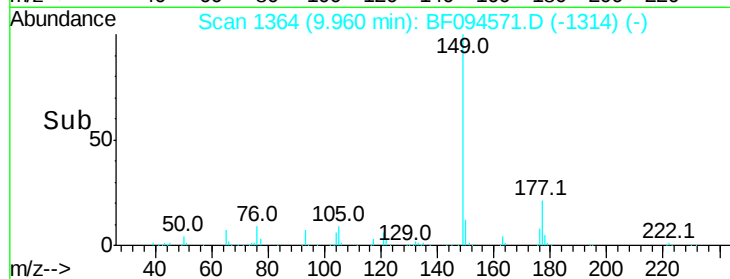
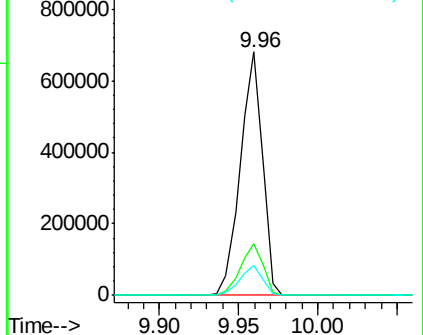
#59
Diethylphthalate
Concen: 46.53 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 655535
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.5 10.2 15.2

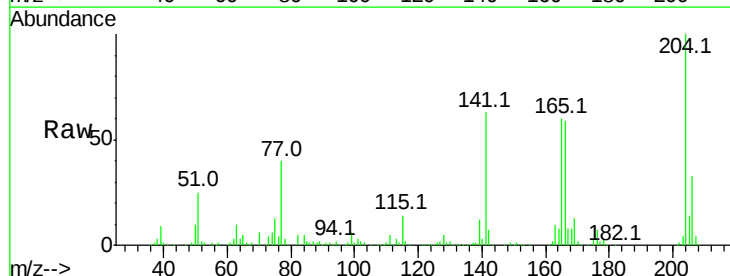


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

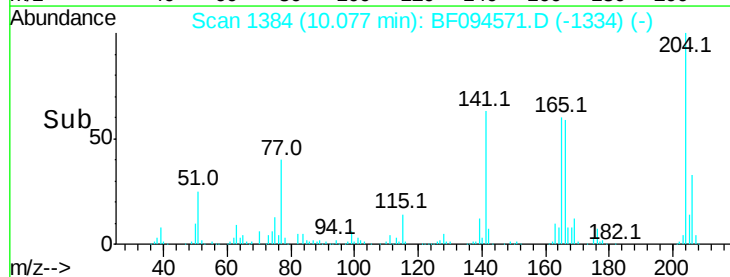
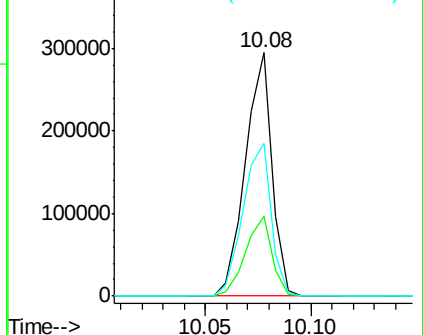


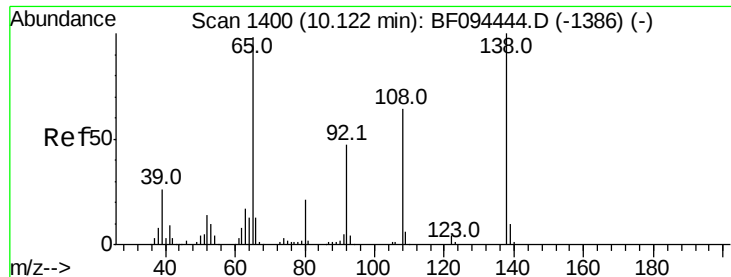
#60
4-Chlorophenyl-phenylether
Concen: 45.07 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion:204 Resp: 258005
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 62.8 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

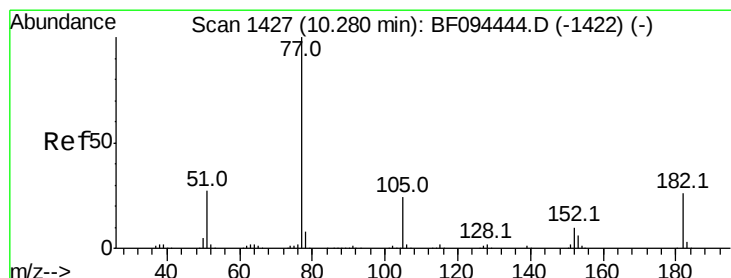
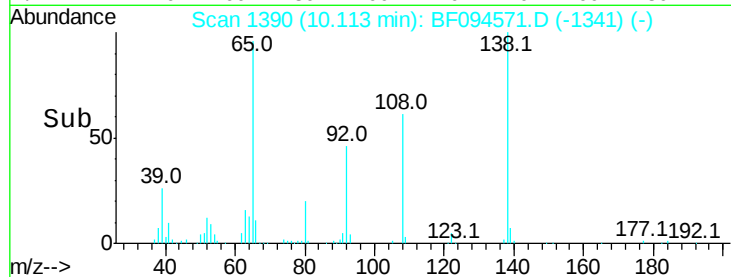
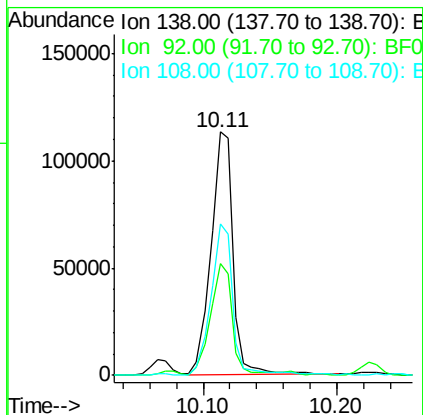
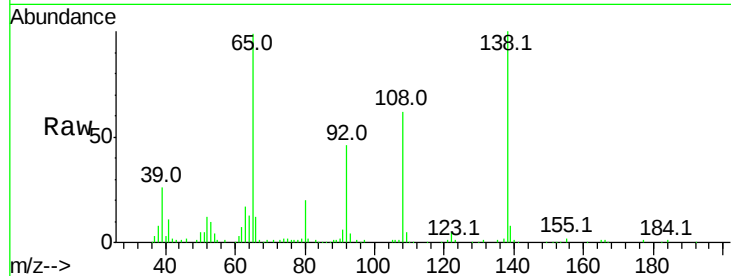




#61
4-Nitroaniline
Concen: 33.32 ng
RT: 10.11 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

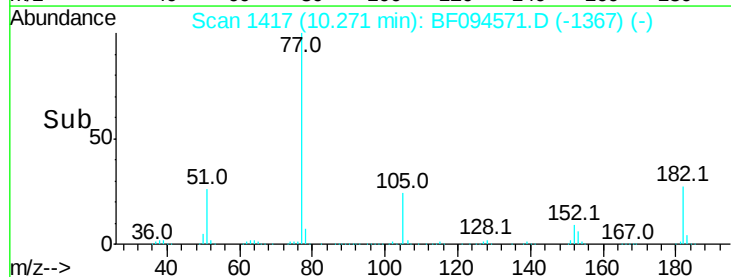
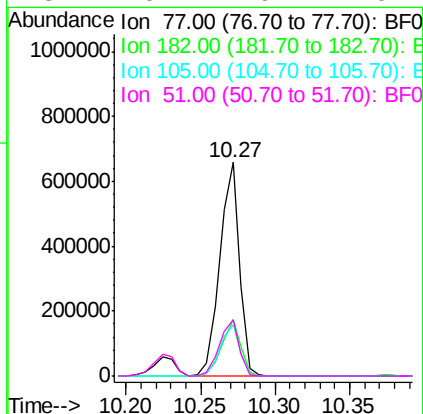
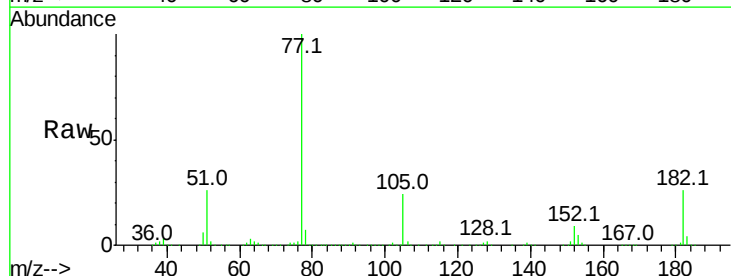
Instrument :
BNA_F
ClientSampled :

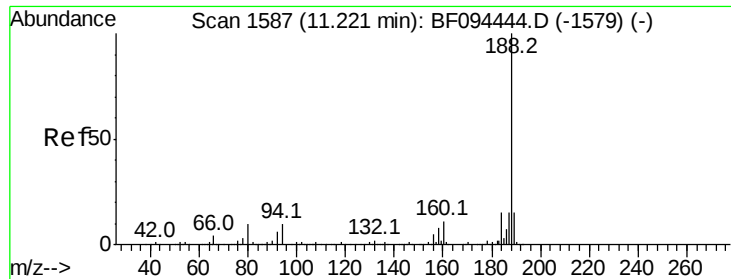
Tot Ion:138 Resp: 131331
Ion Ratio Lower Upper
138 100
92 45.8 21.8 61.8
108 62.4 42.3 82.3



#62
Azobenzene
Concen: 44.67 ng
RT: 10.27 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion: 77 Resp: 610992
Ion Ratio Lower Upper
77 100
182 26.5 0.1 40.1
105 24.3 3.6 43.6
51 26.4 9.4 49.4

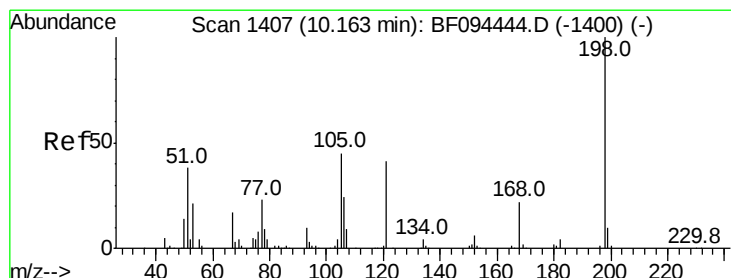
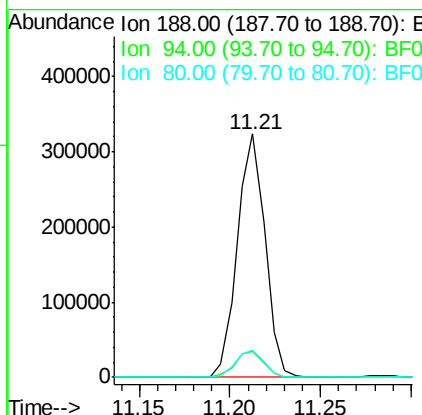
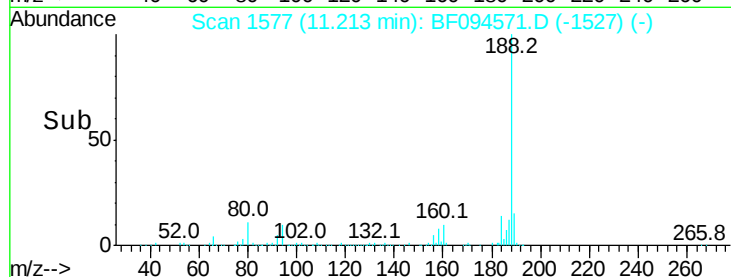
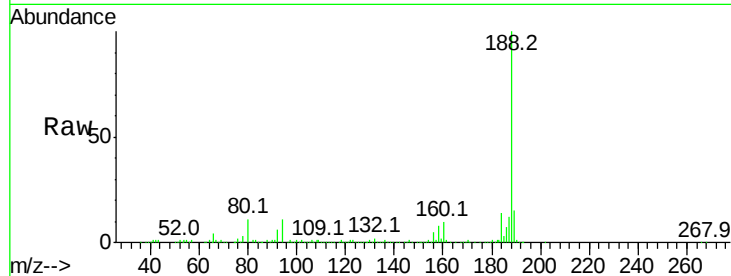




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

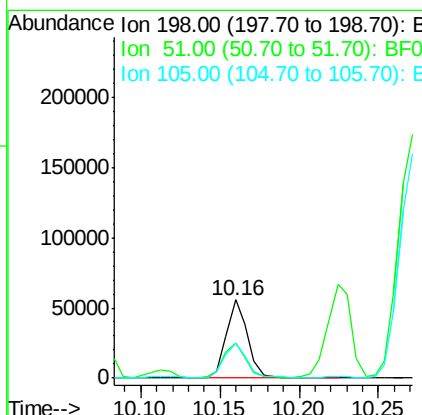
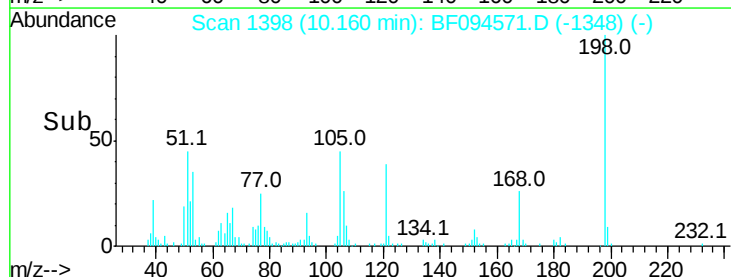
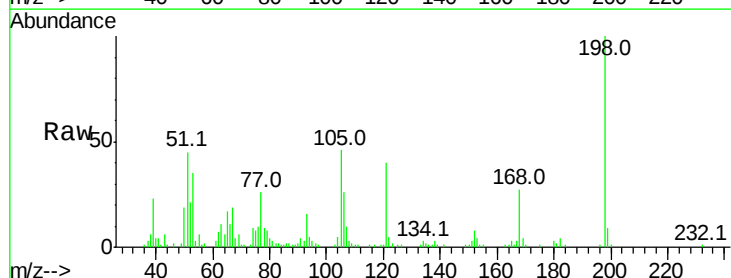
Instrument :
BNA_F
ClientSampleId :

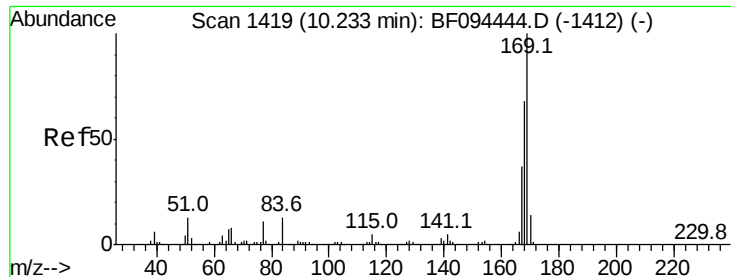
Tot Ion:188 Resp: 344781
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 23.21 ng
RT: 10.16 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion:198 Resp: 52423
Ion Ratio Lower Upper
198 100
51 45.3 53.2 93.2#
105 45.5 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 45.98 ng

RT: 10.23 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

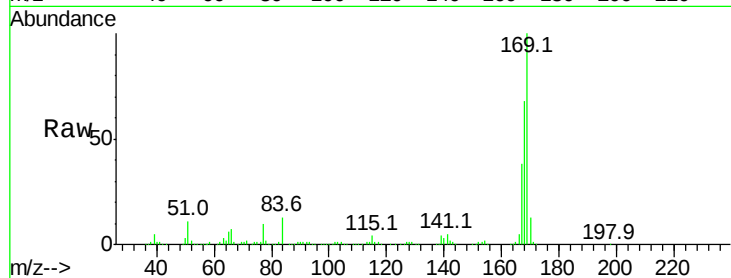
Tot Ion:169 Resp: 551379

Ion Ratio Lower Upper

169 100

168 67.6 53.2 79.8

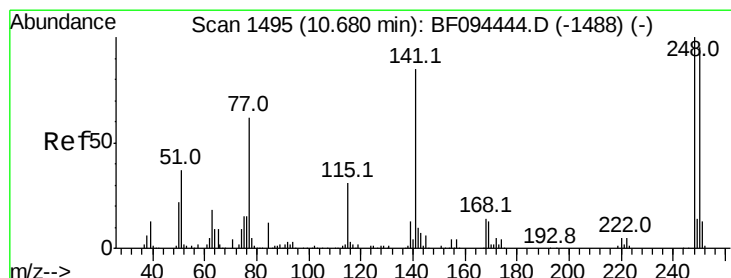
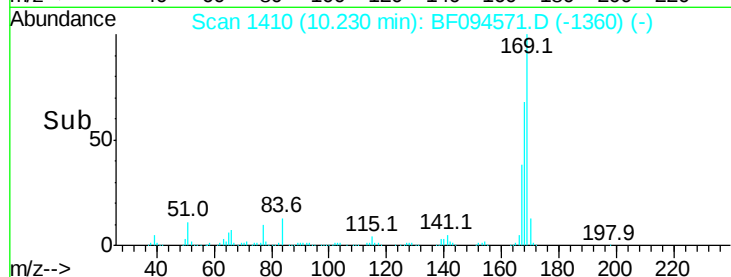
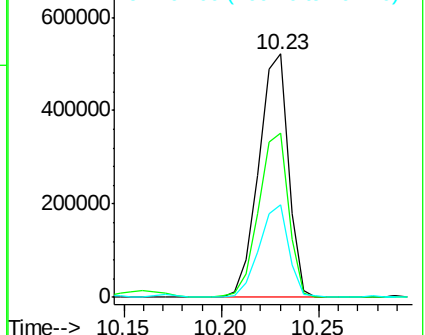
167 38.0 29.5 44.3



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: 45.64 ng

RT: 10.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

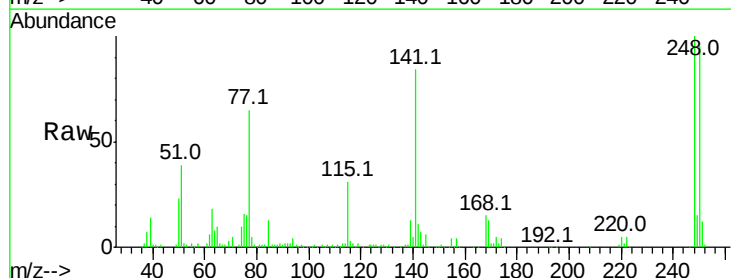
Tgt Ion:248 Resp: 156252

Ion Ratio Lower Upper

248 100

250 94.6 76.8 115.2

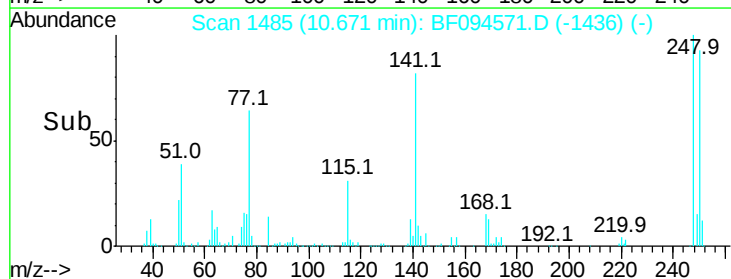
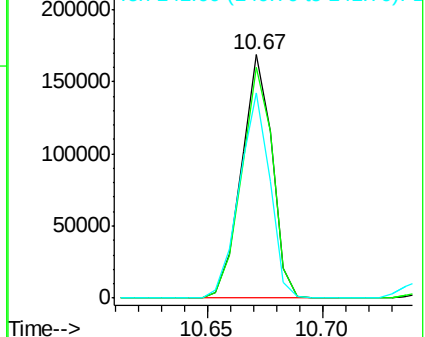
141 84.3 68.6 103.0

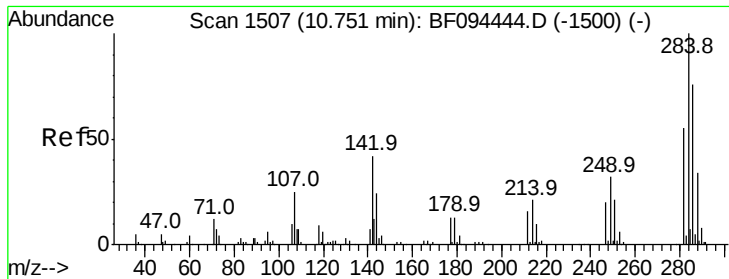


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.00 ng

RT: 10.74 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

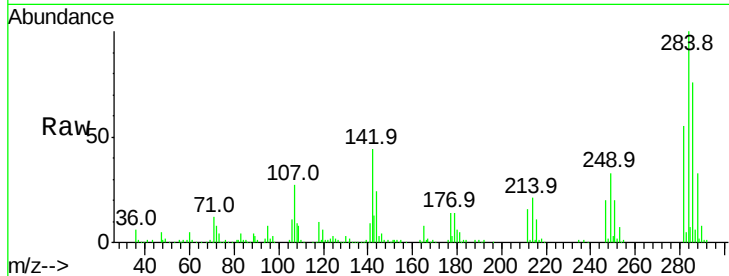
Tot Ion:284 Resp: 148356

Ion Ratio Lower Upper

284 100

142 44.3 22.8 34.2#

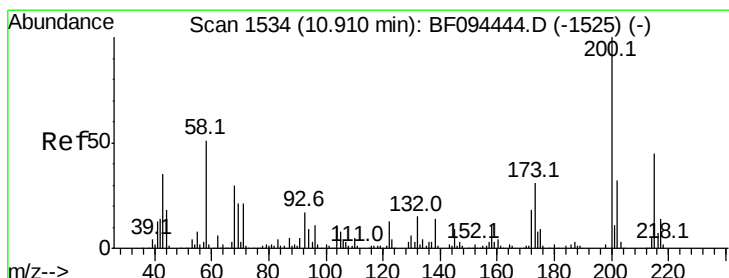
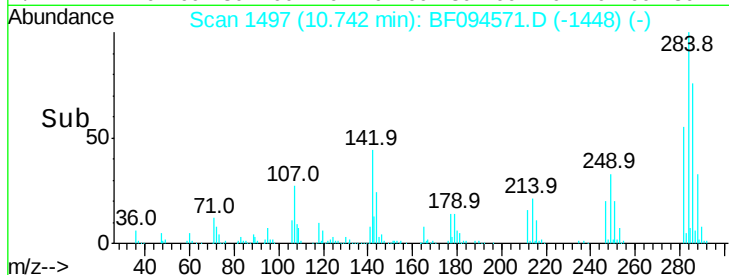
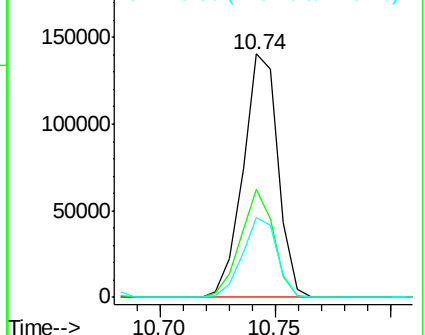
249 32.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.93 ng

RT: 10.91 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

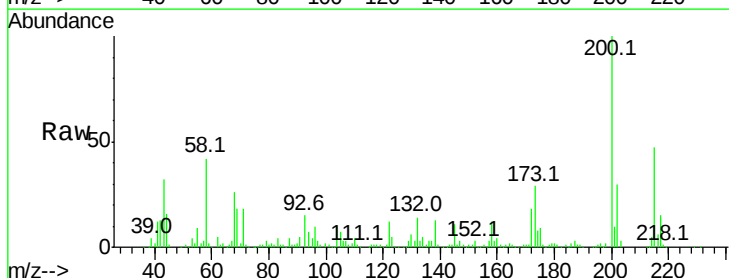
Tgt Ion:200 Resp: 153996

Ion Ratio Lower Upper

200 100

173 28.6 6.3 46.3

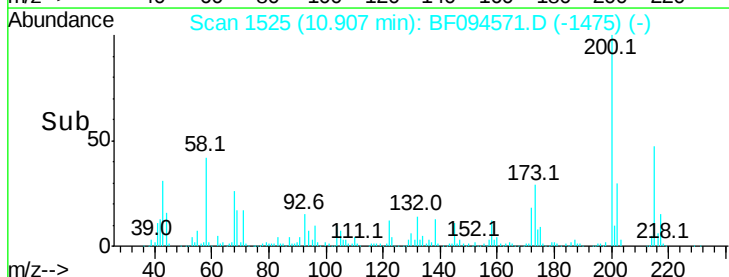
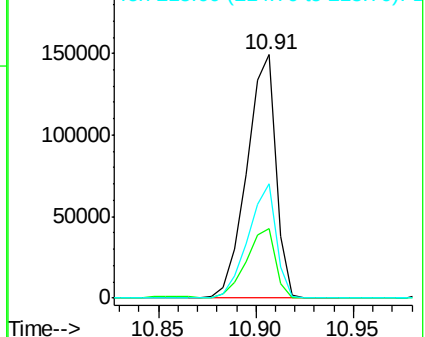
215 47.0 27.2 67.2

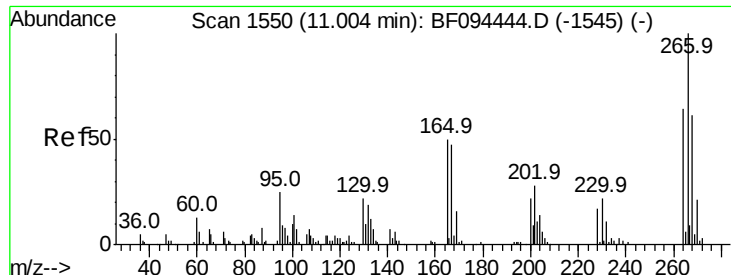


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

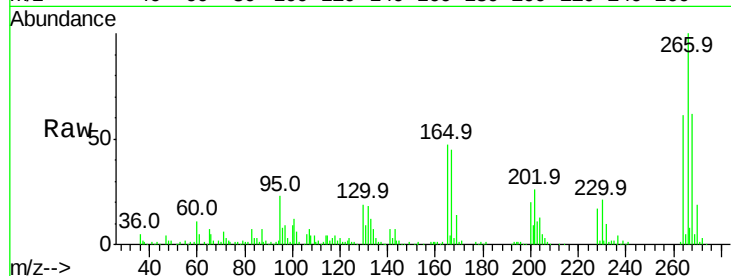




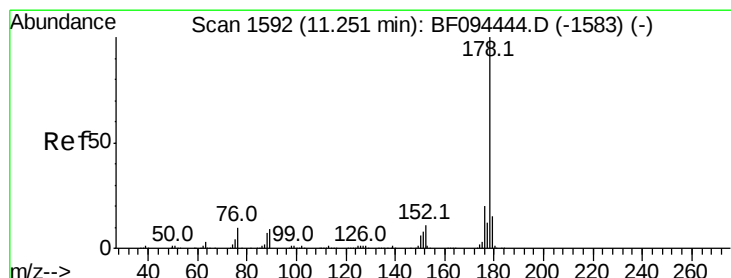
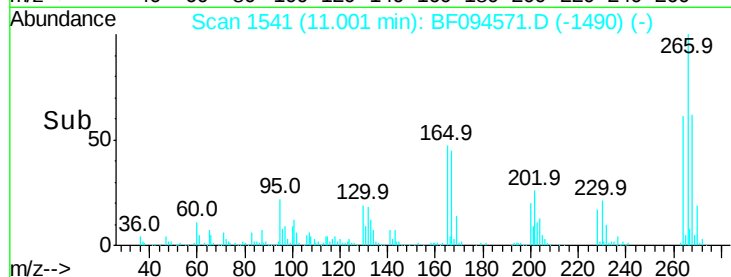
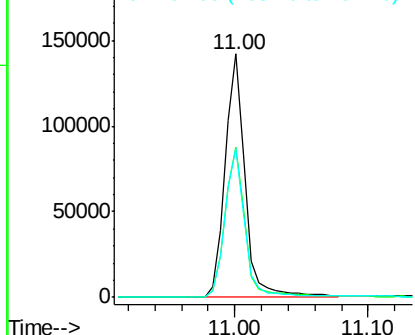
#69
 Pentachlorophenol
 Concen: 110.37 ng
 RT: 11.00 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 151210
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.1 76.7
 264 61.0 51.7 77.5

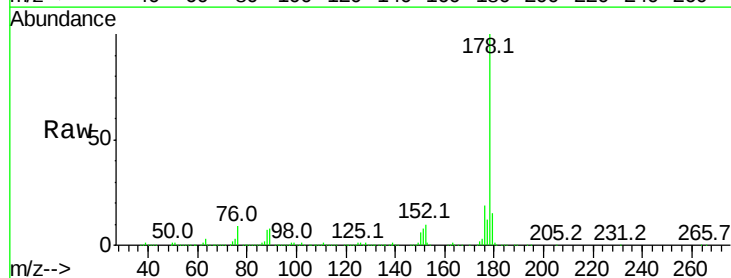


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

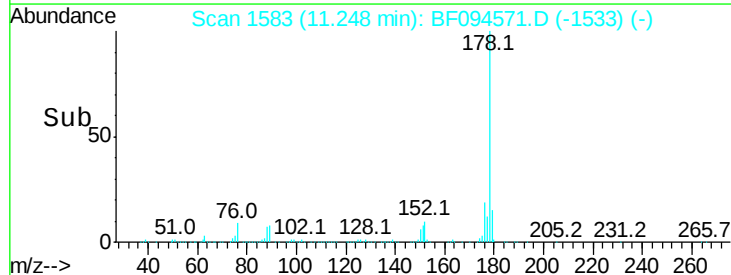
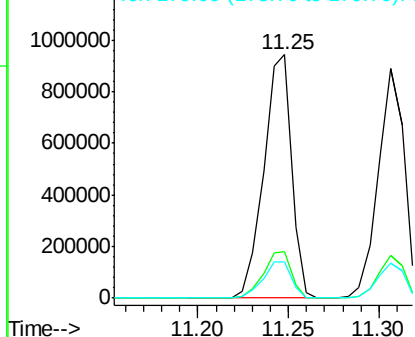


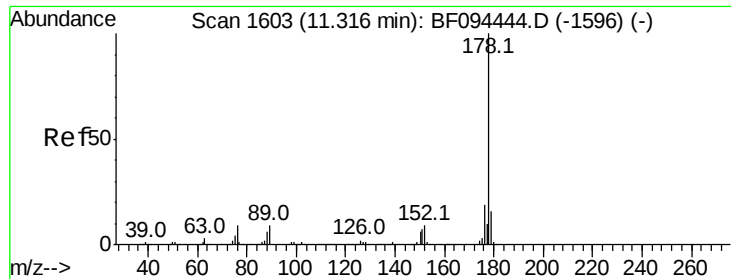
#70
 Phenanthrene
 Concen: 51.75 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion:178 Resp: 1004812
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.0 12.6 19.0



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: 44.02 ng

RT: 11.31 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

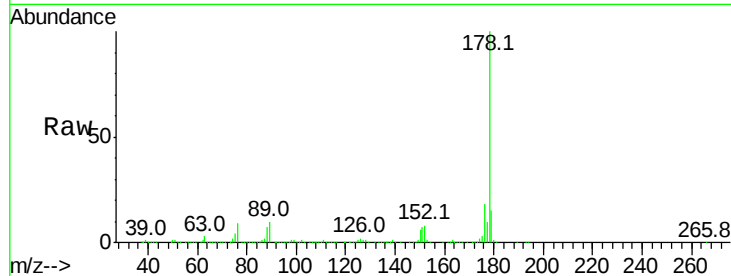
Tot Ion:178 Resp: 884046

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

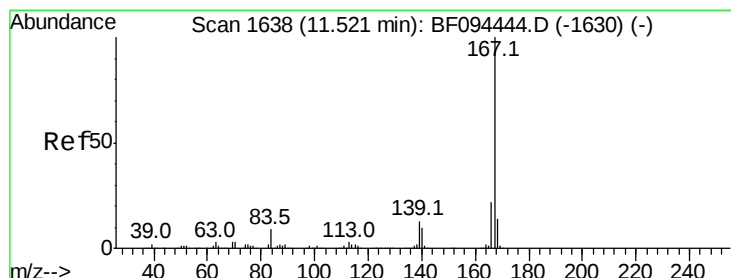
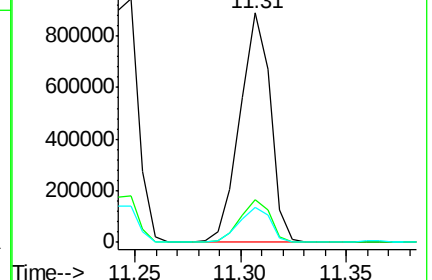
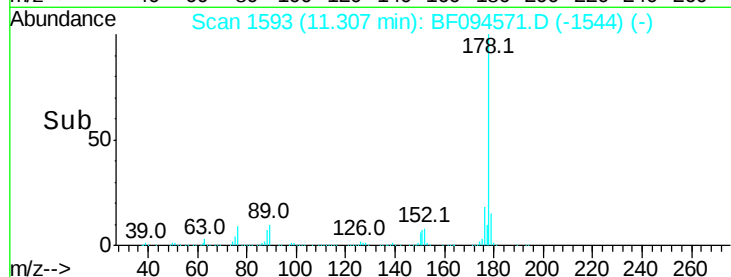
179 15.3 12.7 19.1



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: 41.69 ng

RT: 11.51 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

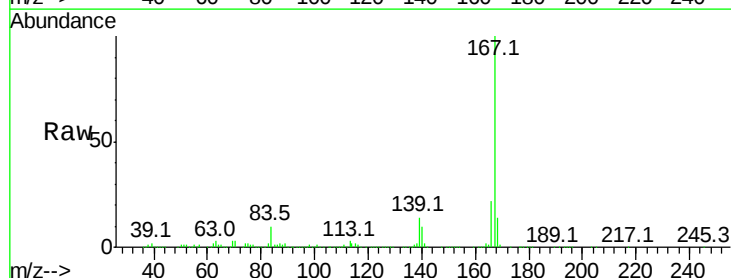
Tgt Ion:167 Resp: 785859

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

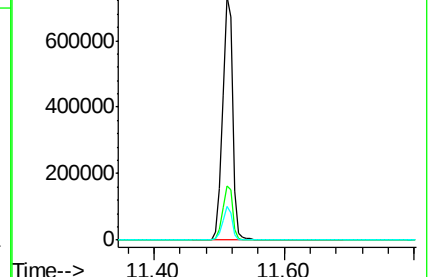
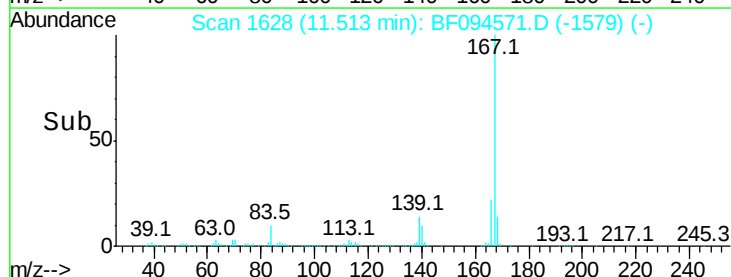
139 13.7 11.7 17.5

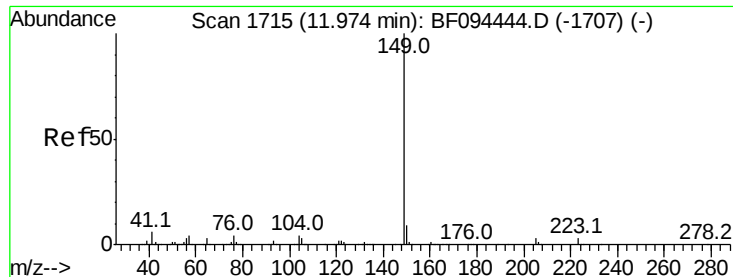


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.15 ng

RT: 11.97 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF094571.D

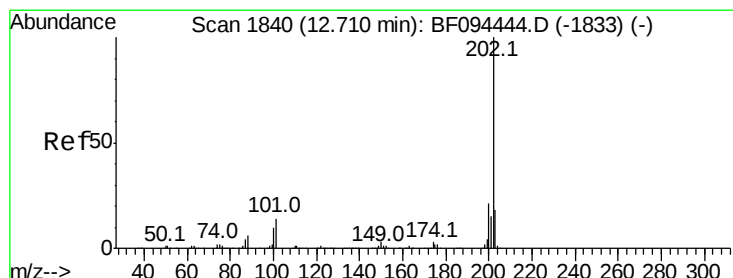
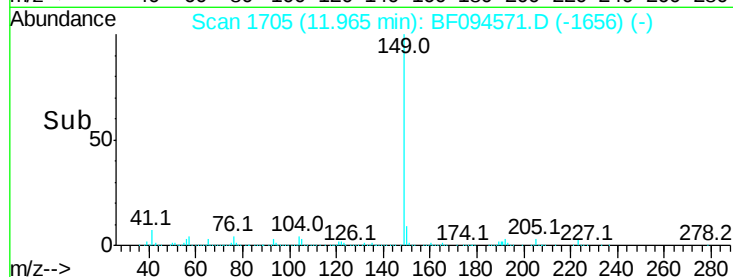
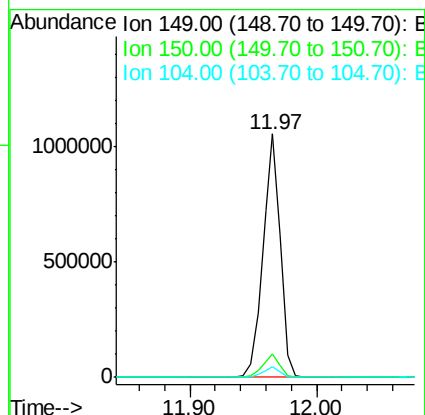
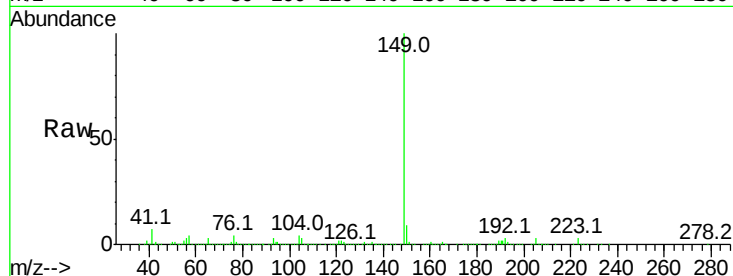
Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampled :

Tot Ion:	149	Resp:	999296
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.3	4.0	6.0



#74

Fluoranthene

Concen: 45.15 ng

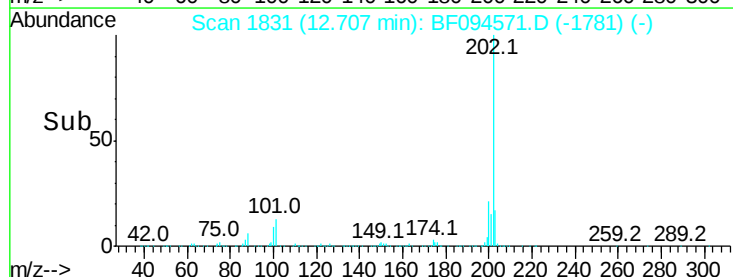
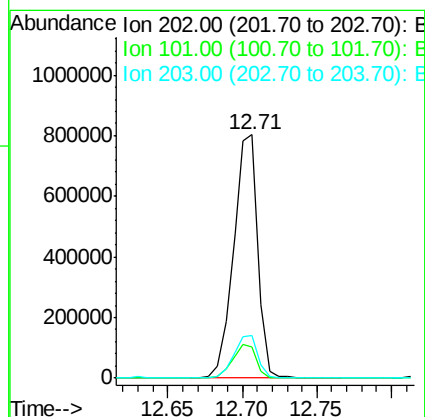
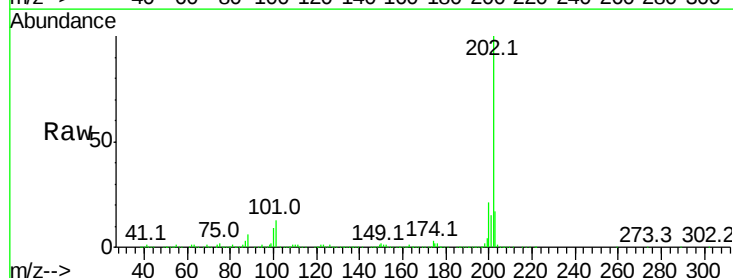
RT: 12.71 min Scan# 1831

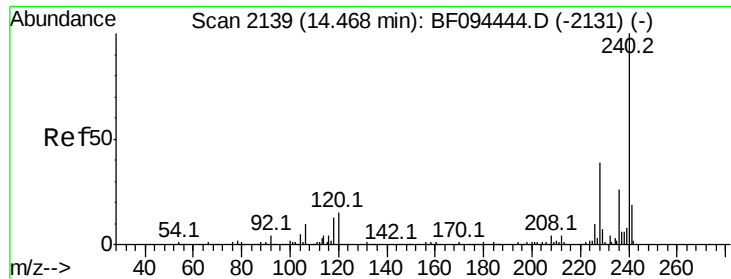
Delta R.T. -0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Tgt Ion:	202	Resp:	908516
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

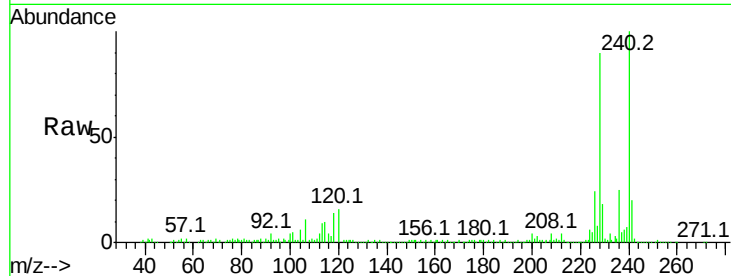
Tot Ion:240 Resp: 270041

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

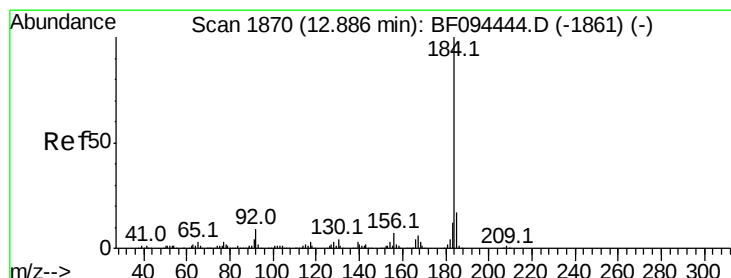
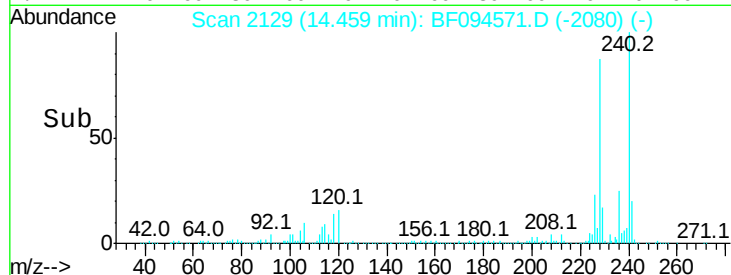
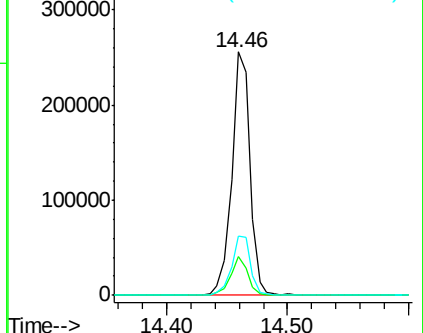
236 24.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.69 ng

RT: 12.88 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

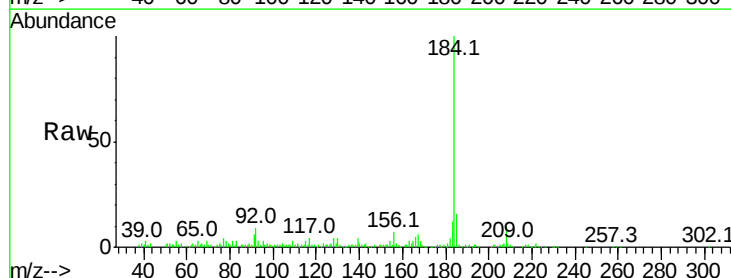
Tgt Ion:184 Resp: 193421

Ion Ratio Lower Upper

184 100

185 16.0 15.5 23.3

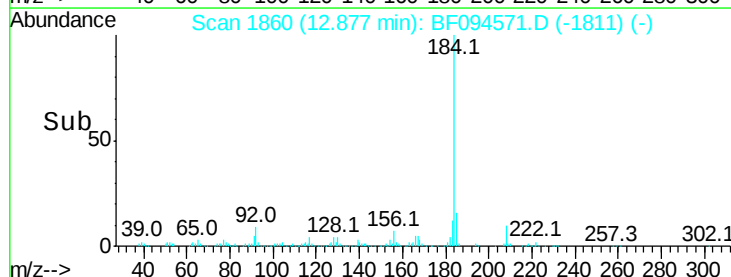
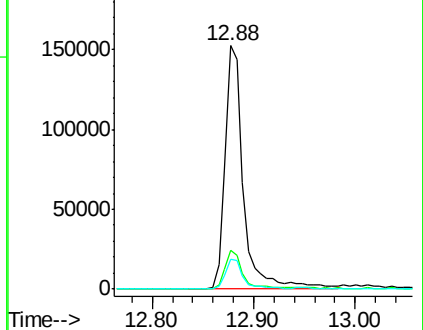
183 12.4 9.8 14.6

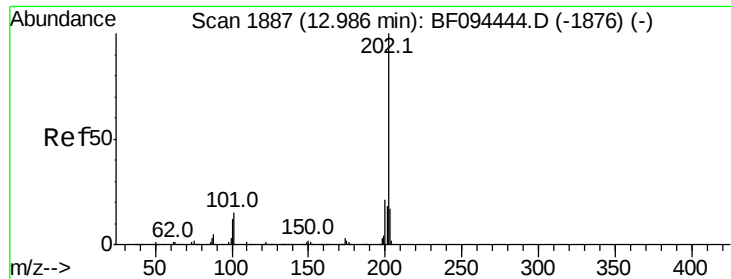


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

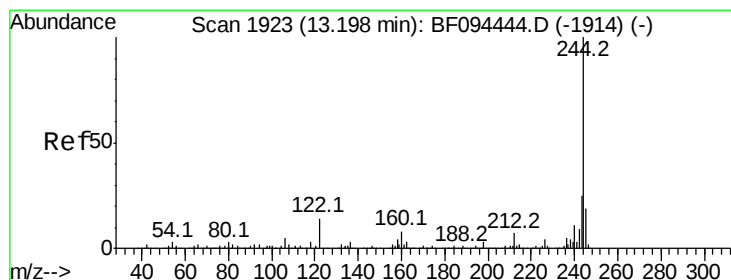
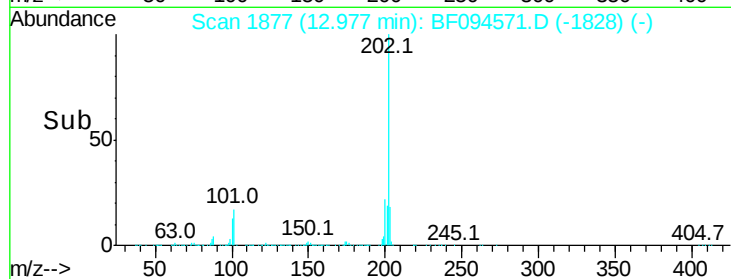
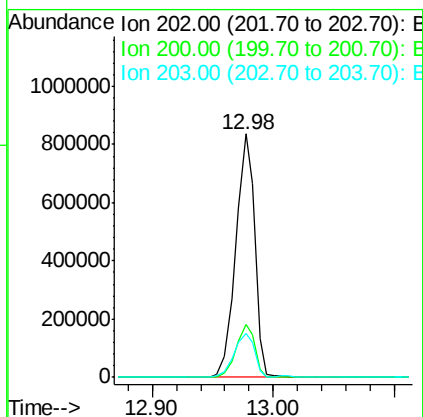
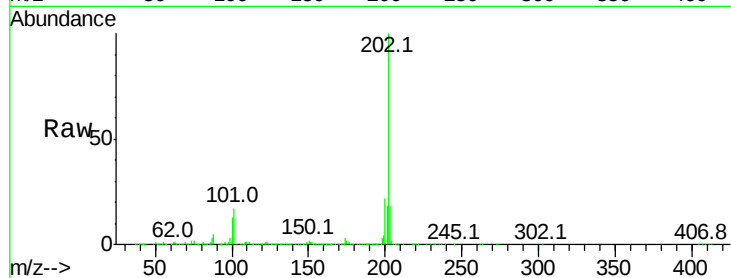




#77
Pvrene
Concen: 48.56 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

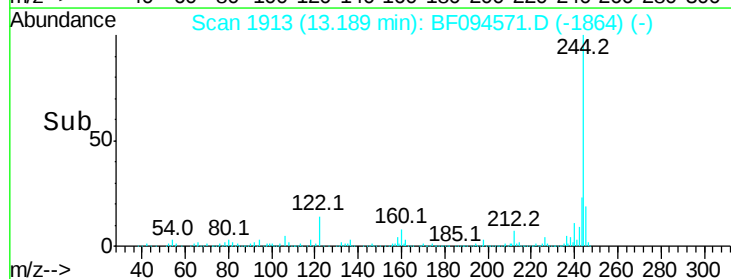
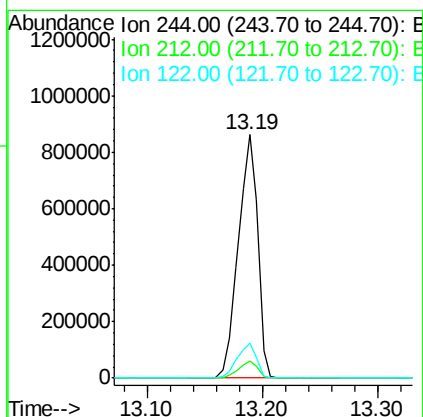
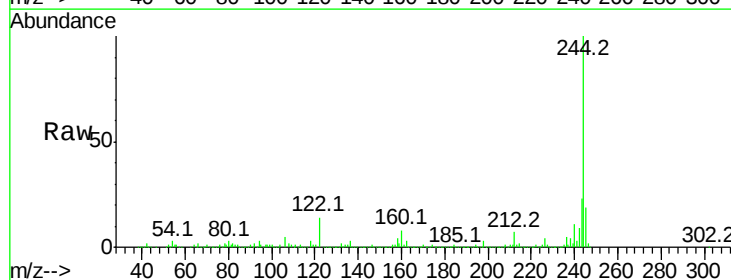
Instrument :
BNA_F
ClientSampleId :

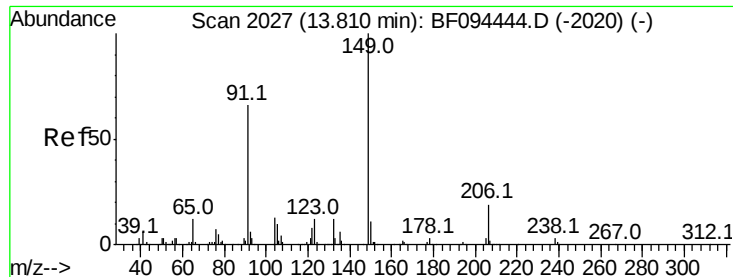
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.2	14.4	21.6



#78
Terphenyl-d14
Concen: 99.42 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.3	10.3	15.5

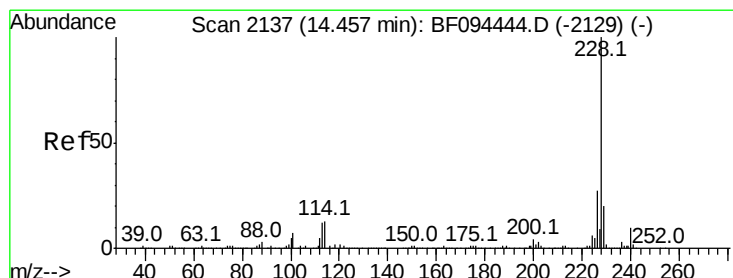
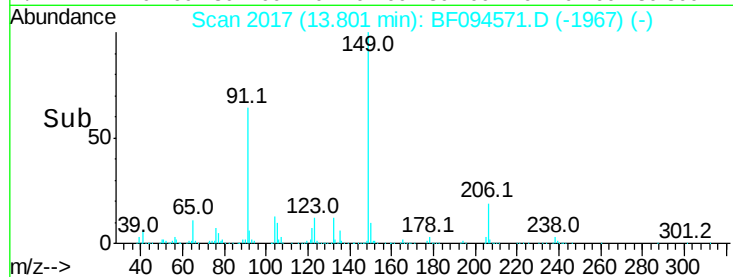
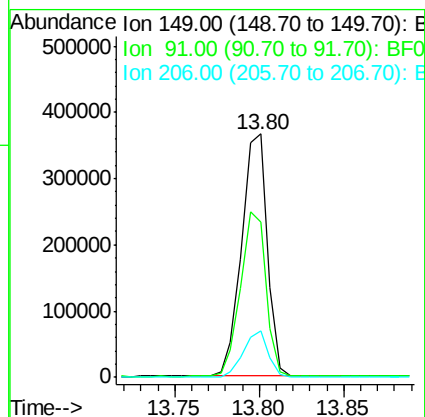
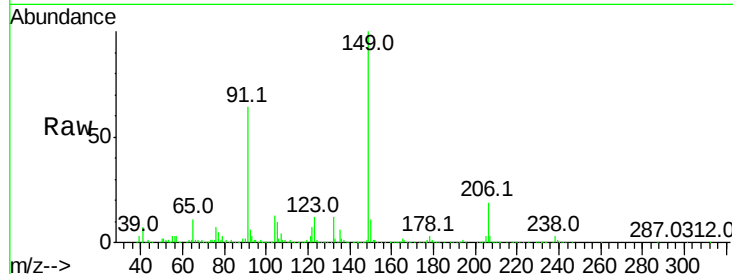




#79
Butylbenzylphthalate
Concen: 47.12 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

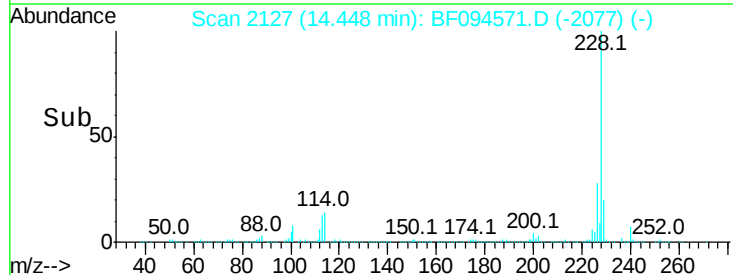
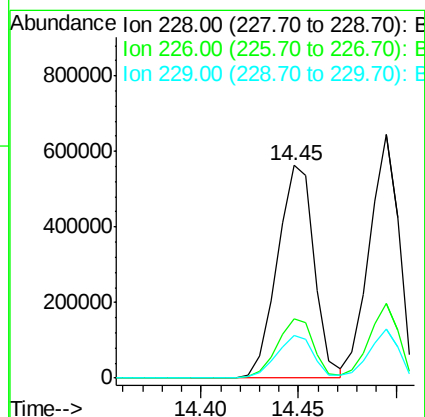
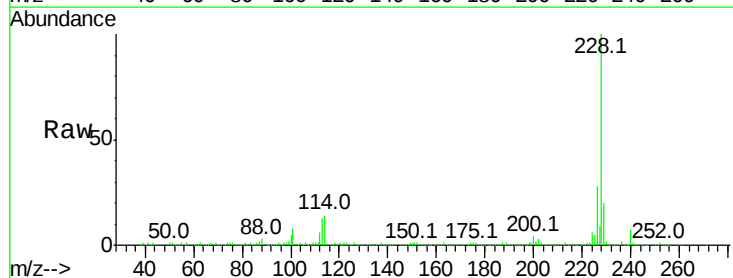
Instrument :
BNA_F
ClientSampled :

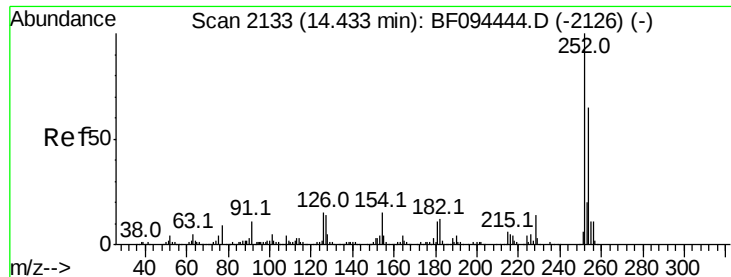
Tot Ion	Ratio	Lower	Upper
149	100		
91	63.8	45.0	67.4
206	19.2	17.0	25.6



#80
Benzo(a)anthracene
Concen: 46.79 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.4	16.3	24.5

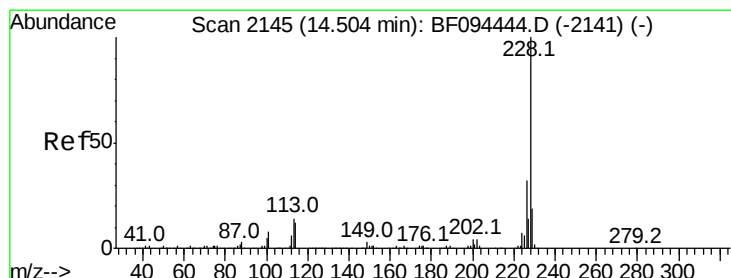
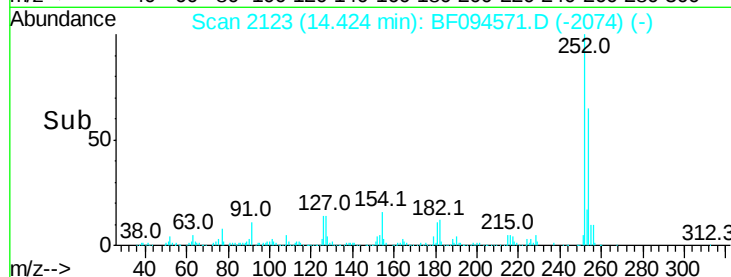
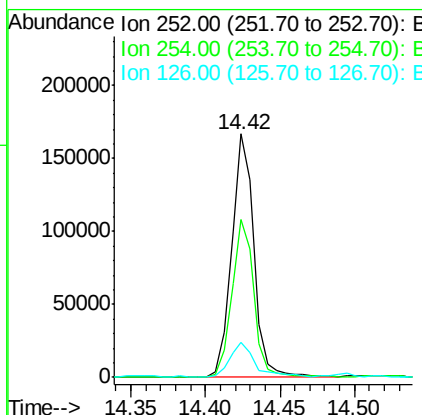
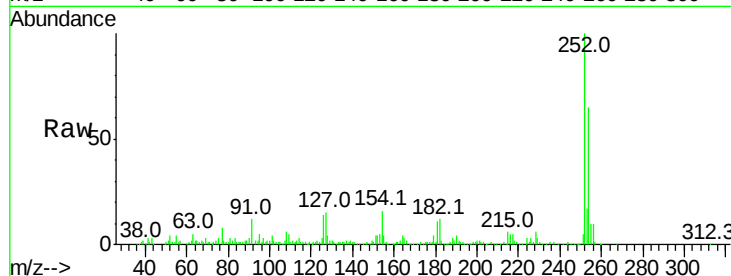




#81
 3,3'-Dichlorobenzidine
 Concen: 31.64 ng
 RT: 14.42 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

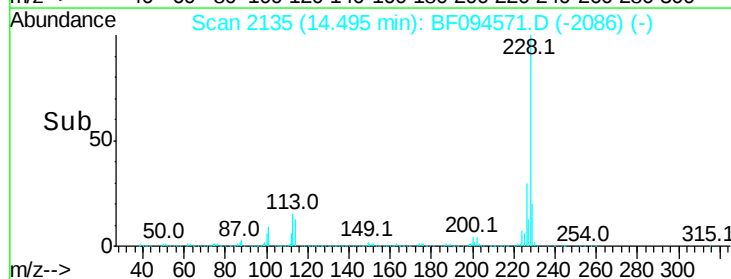
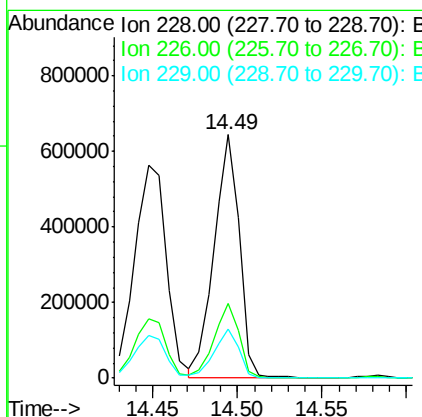
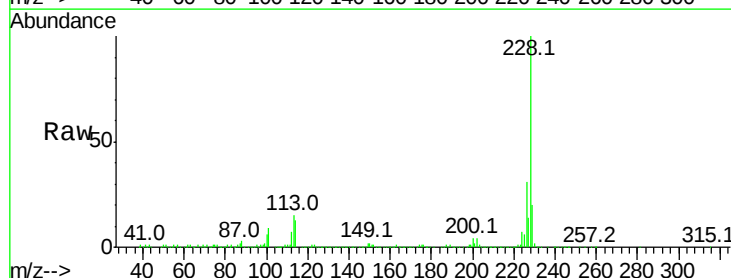
Instrument :
 BNA_F
 ClientSampleId :

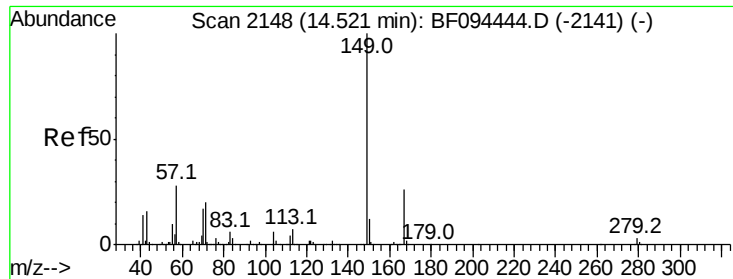
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.5	77.3
126	14.4	15.8	23.8#



#82
 Chrysene
 Concen: 46.70 ng
 RT: 14.49 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.3	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.56 ng

RT: 14.51 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

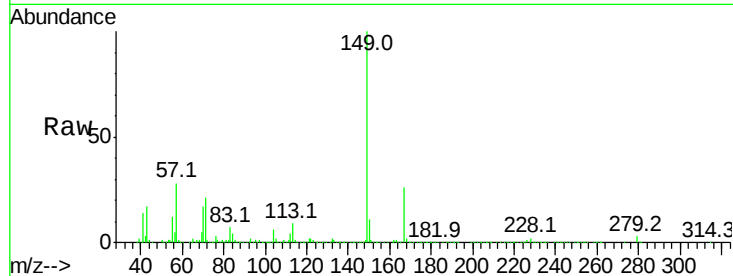
Tot Ion:149 Resp: 583499

Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

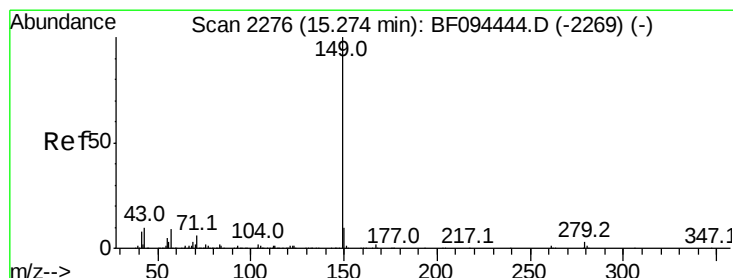
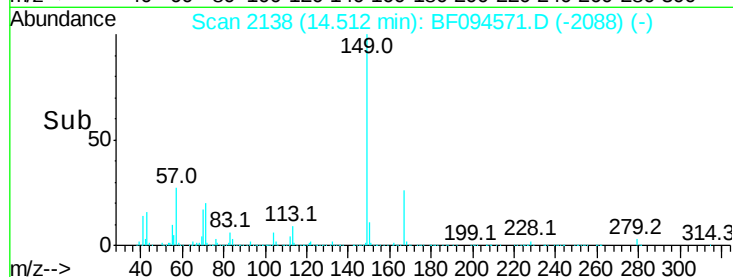
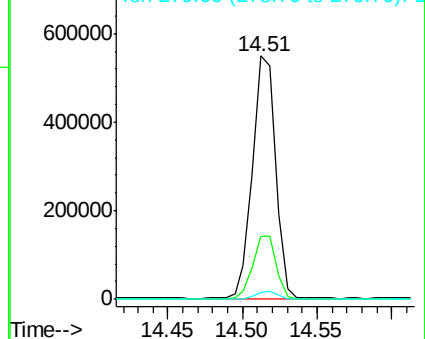
279 2.8 1.9 2.9



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



#84

Di-n-octyl phthalate

Concen: 53.75 ng

RT: 15.27 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

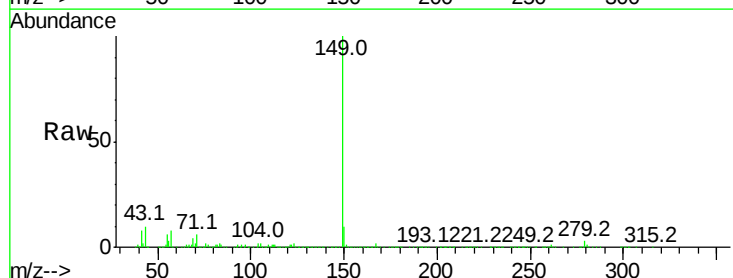
Tgt Ion:149 Resp: 1000867

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

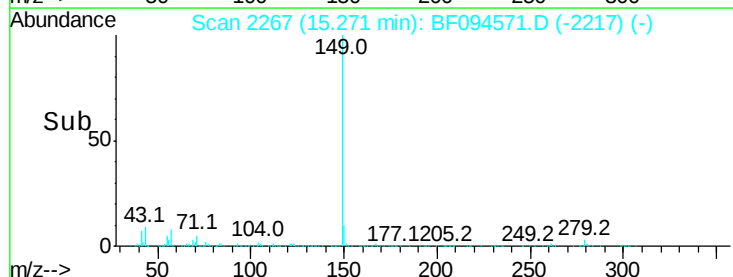
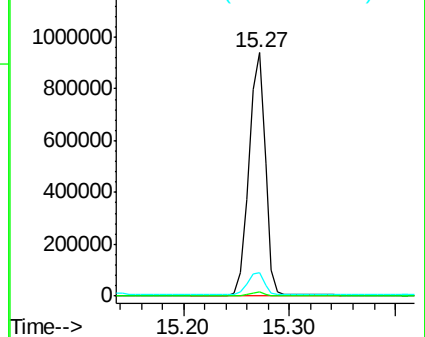
43 9.3 8.5 12.7

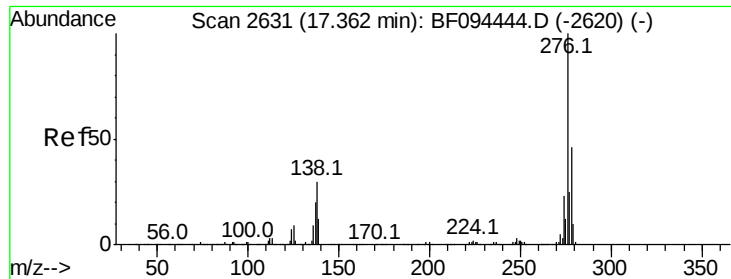


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

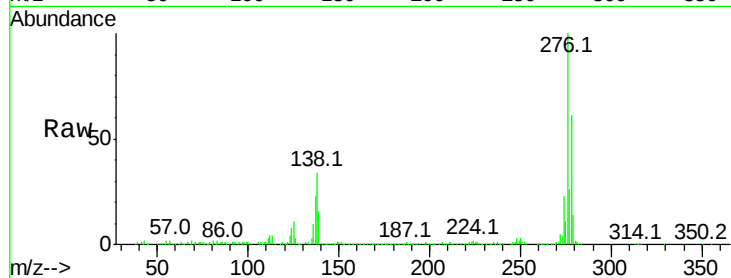




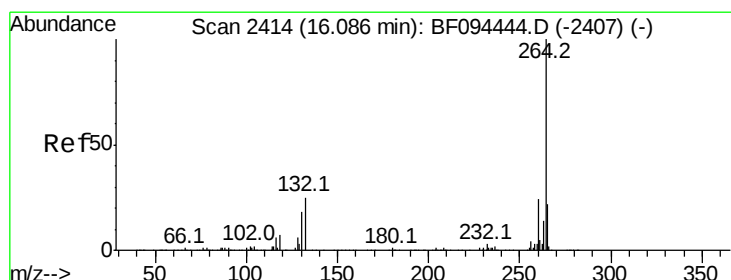
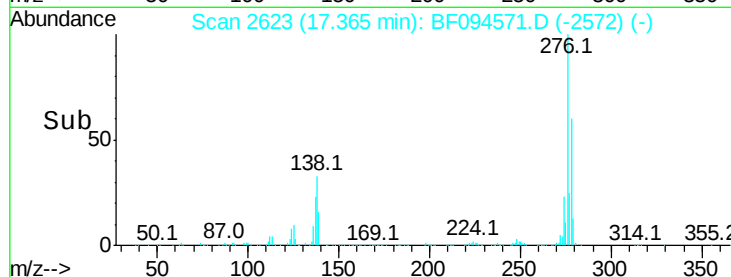
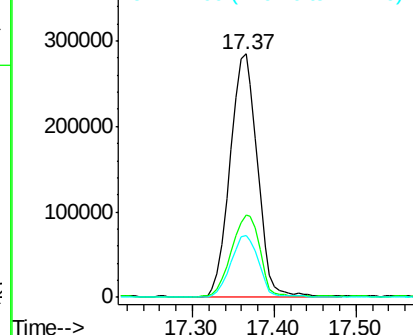
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.55 ng
 RT: 17.37 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 662648
 Ion Ratio Lower Upper
 276 100
 138 35.0 27.8 41.6
 277 25.7 20.2 30.4

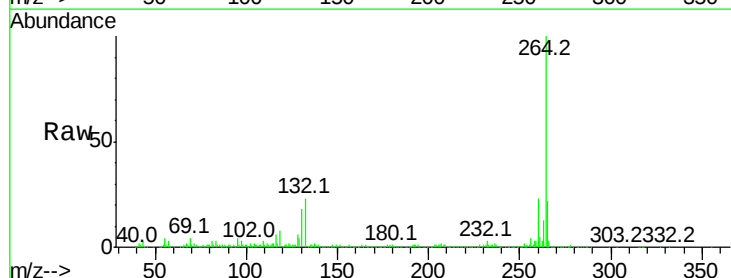


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

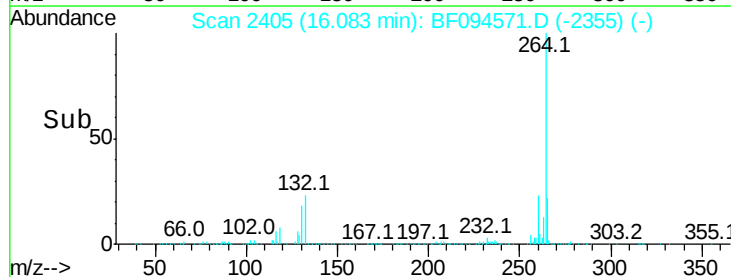
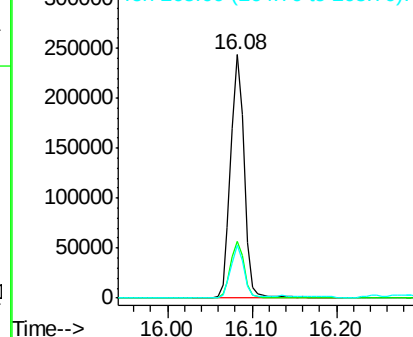


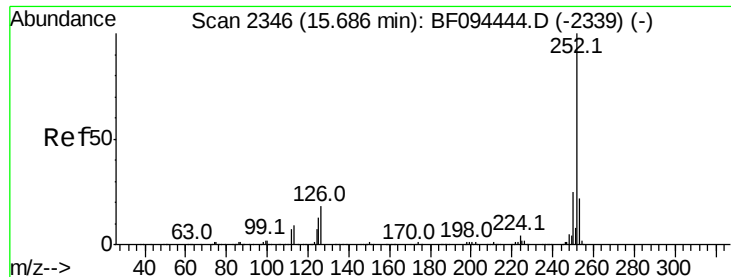
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094571.D
 Acq: 21 Apr 2017 19:14

Tgt Ion:264 Resp: 272610
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.94 ng

RT: 15.69 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

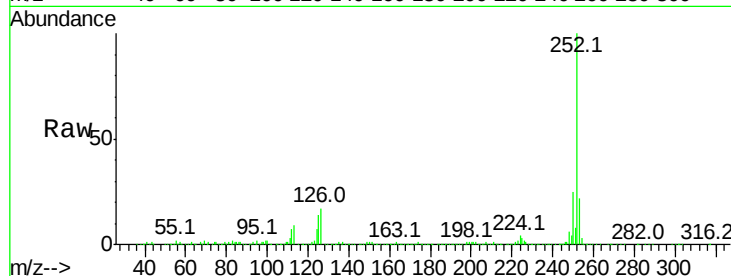
Tot Ion:252 Resp: 749452

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

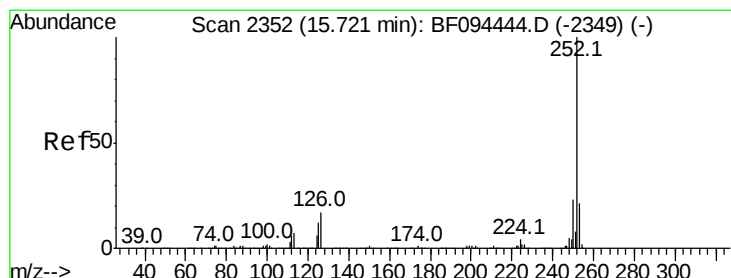
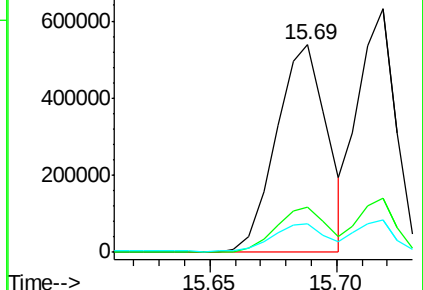
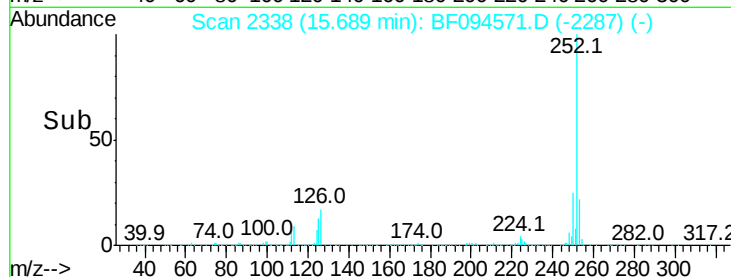
125 13.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.49 ng

RT: 15.69 min Scan# 2338

Delta R.T. -0.03 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

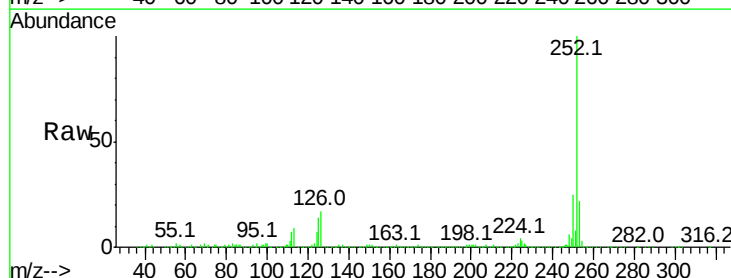
Tgt Ion:252 Resp: 749452

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

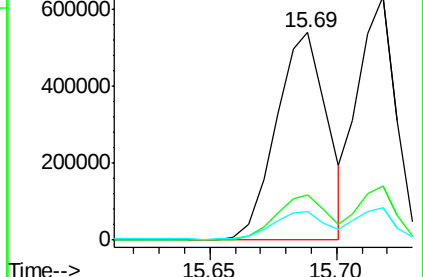
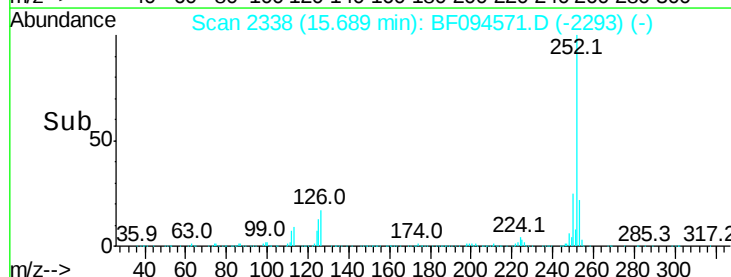
125 13.7 13.1 19.7

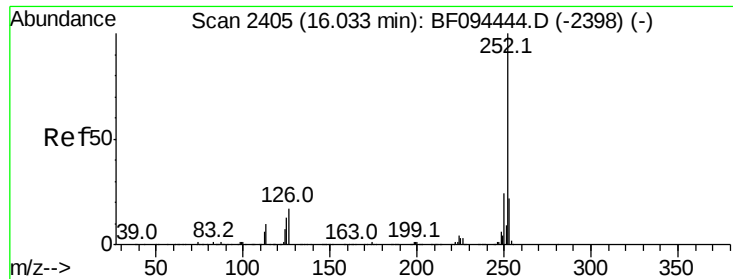


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

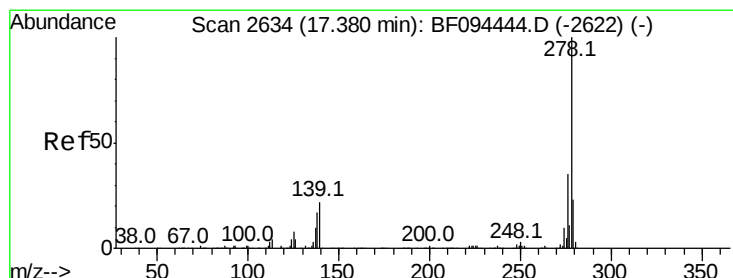
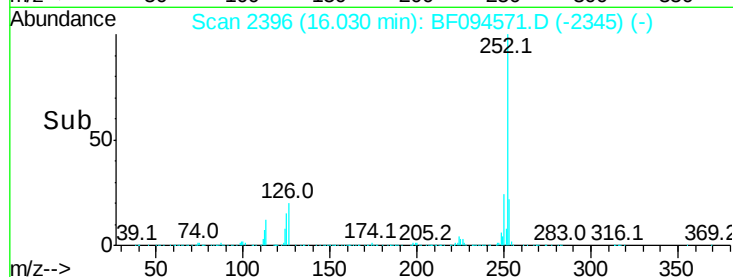
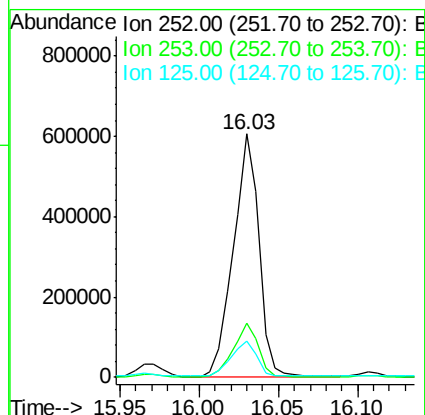
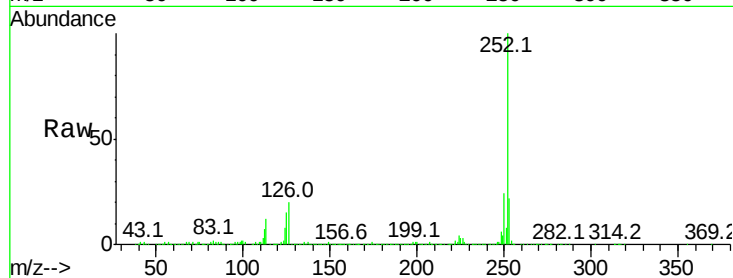




#89
Benzo(a)pyrene
Concen: 43.69 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

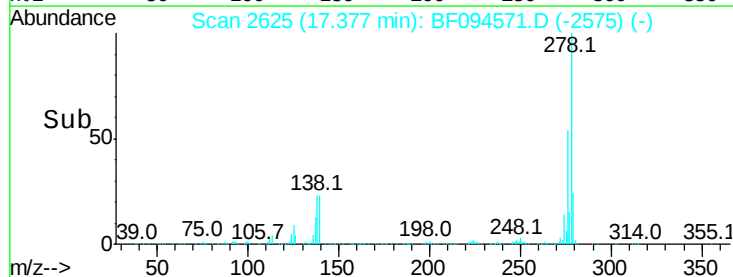
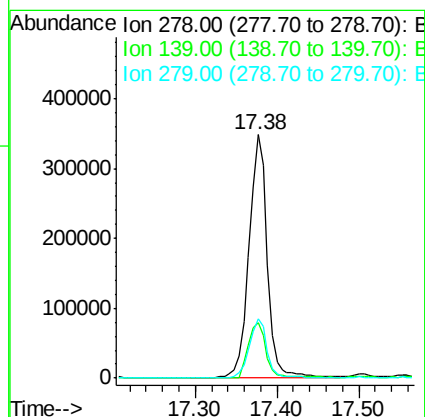
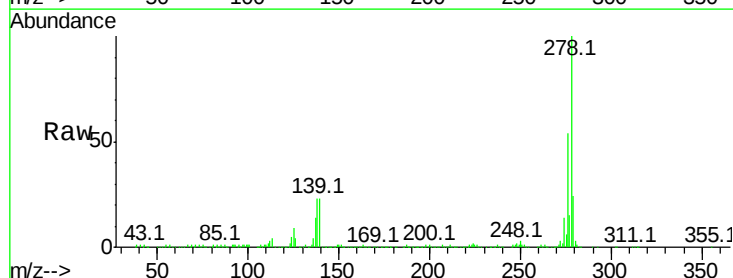
Instrument :
BNA_F
ClientSampleId :

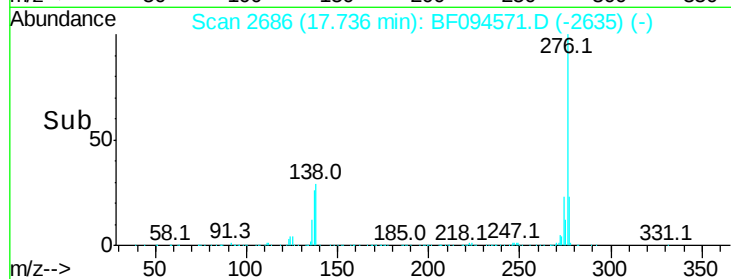
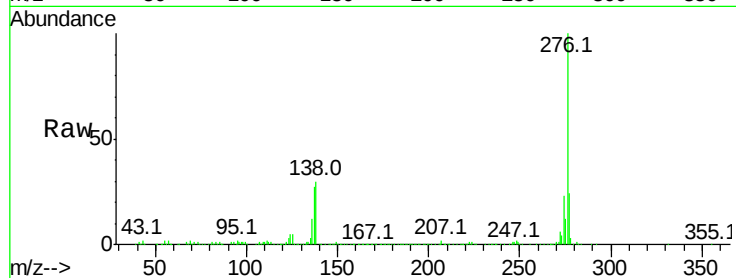
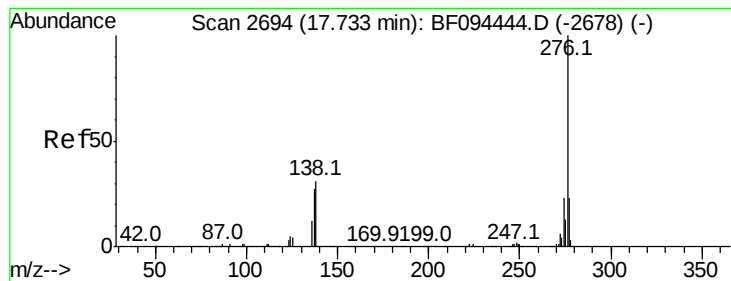
Tot Ion:252 Resp: 677886
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 15.0 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 41.90 ng
RT: 17.38 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BF094571.D
Acq: 21 Apr 2017 19:14

Tgt Ion:278 Resp: 539821
Ion Ratio Lower Upper
278 100
139 22.8 16.6 24.8
279 24.1 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 41.39 ng

RT: 17.74 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BF094571.D

Acq: 21 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 542796

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 29.6 25.4 38.0

