

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
 Data File : BF093413.D
 Acq On : 7 Mar 2017 11:57
 Operator : SJ/MA
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Quant Time: Mar 07 13:11:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:09:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	194811	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	784620	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	432870	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	671376	20.00	ng	0.00
75) Chrysene-d12	13.92	240	577066	20.00	ng	0.00
86) Perylene-d12	15.33	264	509090	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	644729	56.78	ng	0.00
7) Phenol-d6	6.41	99	761213	52.10	ng	0.00
23) Nitrobenzene-d5	7.34	82	751021	53.30	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	148633	47.47	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1232650	51.59	ng	0.00
78) Terphenyl-d14	12.87	244	1227315	49.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	163733	26.69	ng	91
3) Pyridine	2.98	79	381243	24.44	ng	90
4) n-Nitrosodimethylamine	2.93	42	202455	27.64	ng	# 83
6) Aniline	6.42	93	531629	26.68	ng	# 73
8) 2-Chlorophenol	6.55	128	343045	27.38	ng	99
9) Benzaldehyde	6.31	77	266616	25.47	ng	92
10) Phenol	6.42	94	469750	27.48	ng	# 77
11) bis(2-Chloroethyl)ether	6.50	93	374189	27.43	ng	97
12) 1,3-Dichlorobenzene	6.94	146	358684	24.45	ng	98
13) 1,4-Dichlorobenzene	6.78	146	415448	27.98	ng	96
14) 1,2-Dichlorobenzene	6.94	146	364622	25.68	ng	94
15) Benzyl Alcohol	6.92	79	271250	25.08	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	667687	28.17	ng	# 41
17) 2-Methylphenol	7.04	107	290641	27.04	ng	94
18) Hexachloroethane	7.27	117	134563	26.54	ng	93
19) n-Nitroso-di-n-propylamine	7.19	70	268075	28.82	ng	# 97
20) 3+4-Methylphenols	7.20	107	391106	30.44	ng	# 75
22) Acetophenone	7.18	105	500483	27.94	ng	# 95
24) Nitrobenzene	7.36	77	414049	28.62	ng	# 88
25) Isophorone	7.60	82	719067	27.39	ng	99
26) 2-Nitrophenol	7.68	139	180266	26.21	ng	# 84
27) 2,4-Dimethylphenol	7.73	122	309547	25.63	ng	93
28) bis(2-Chloroethoxy)methane	7.81	93	448742	25.81	ng	99
29) 2,4-Dichlorophenol	7.92	162	290312	25.77	ng	# 87
30) 1,2,4-Trichlorobenzene	8.00	180	306806	25.27	ng	98
31) Naphthalene	8.07	128	969596	24.38	ng	99
32) Benzoic acid	7.86	122	137599	22.46	ng	97
33) 4-Chloroaniline	8.14	127	409576	26.26	ng	97
34) Hexachlorobutadiene	8.18	225	154395	23.12	ng	99
35) Caprolactam	8.50	113	92929	26.23	ng	# 31
36) 4-Chloro-3-methylphenol	8.63	107	311081	26.49	ng	94
37) 2-Methylnaphthalene	8.77	142	688418	26.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	291422	23.98	ng	100
40) Hexachlorocyclopentadiene	8.92	237	37945	6.92	ng	98

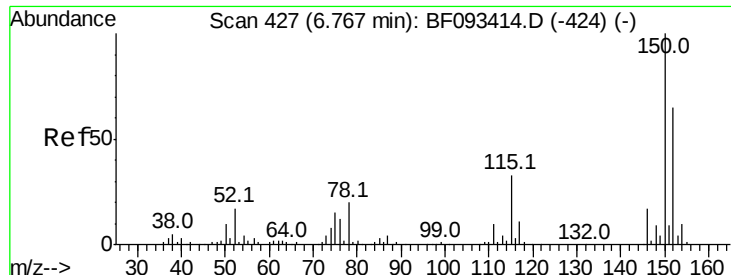
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	190695	23.88	nq	92
43) 2,4,5-Trichlorophenol	9.10	196	210816	24.10	nq	95
45) 1,1'-Biphenyl	9.22	154	771826	24.62	nq	96
46) 2-Chloronaphthalene	9.26	162	617975	25.20	nq	96
47) 2-Nitroaniline	9.36	65	236743	28.72	nq	95
48) Acenaphthylene	9.67	152	1034444	24.42	nq	97
49) Dimethylphthalate	9.53	163	725045	24.87	nq	99
50) 2,6-Dinitrotoluene	9.60	165	169908	26.98	nq	# 81
51) Acenaphthene	9.83	154	578552	22.84	nq	96
52) 3-Nitroaniline	9.77	138	206205	28.62	nq	93
53) 2,4-Dinitrophenol	9.90	184	69692	24.79	nq	# 78
54) Dibenzofuran	10.01	168	777915	22.97	nq	# 89
55) 4-Nitrophenol	10.00	139	391111	75.36	nq	# 9
56) 2,4-Dinitrotoluene	10.01	165	214325	25.57	nq	91
57) Fluorene	10.34	166	649228	24.91	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	144806	24.81	nq	94
59) Diethylphthalate	10.23	149	699794	25.47	nq	94
60) 4-Chlorophenyl-phenylether	10.34	204	316259	25.26	nq	# 77
61) 4-Nitroaniline	10.39	138	195487	26.49	nq	82
62) Azobenzene	10.50	77	829198	29.21	nq	92
64) 4,6-Dinitro-2-methylphenol	10.42	198	111449	32.08	nq	# 74
65) n-Nitrosodiphenylamine	10.46	169	559000	26.06	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	172490	24.59	nq	92
67) Hexachlorobenzene	10.89	284	172236	24.85	nq	# 67
68) Atrazine	11.00	200	186315	27.07	nq	91
69) Pentachlorophenol	11.11	266	57500	19.21	nq	92
70) Phenanthrene	11.30	178	970502	25.23	nq	99
71) Anthracene	11.36	178	1064206	27.55	nq	98
72) Carbazole	11.52	167	991255	26.85	nq	99
73) Di-n-butylphthalate	11.84	149	1029485	25.78	nq	98
74) Fluoranthene	12.49	202	961827	24.24	nq	97
76) Benzidine	12.62	184	525357	21.36	nq	99
77) Pyrene	12.72	202	986492	22.84	nq	99
79) Butylbenzylphthalate	13.34	149	476470	27.17	nq	88
80) Benzo(a)anthracene	13.91	228	852336	24.15	nq	100
81) 3,3'-Dichlorobenzidine	13.88	252	330463	26.27	nq	# 97
82) Chrysene	13.95	228	818447	24.77	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	652847	27.22	nq	# 96
84) Di-n-octyl phthalate	14.51	149	1071843	27.44	nq	97
85) Indeno(1,2,3-cd)pyrene	16.70	276	645484	25.22	nq	# 94
87) Benzo(b)fluoranthene	14.96	252	1567842	46.79	nq	# 97
88) Benzo(k)fluoranthene	14.96	252	1567862	54.19	nq	98
89) Benzo(a)pyrene	15.27	252	734810	25.35	nq	98
90) Dibenzo(a,h)anthracene	16.70	278	552690	23.59	nq	99
91) Benzo(g,h,i)perylene	17.10	276	551171	23.29	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093413.D

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SSTDIC025

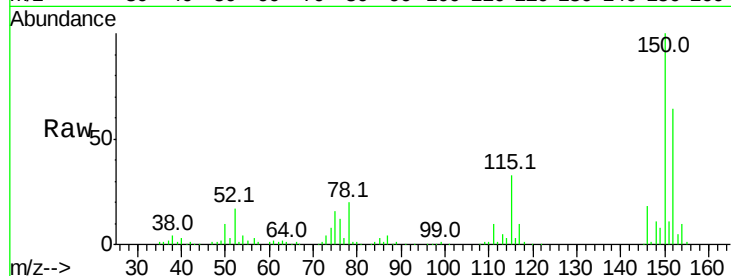
Tot Ion:152 Resp: 194811

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

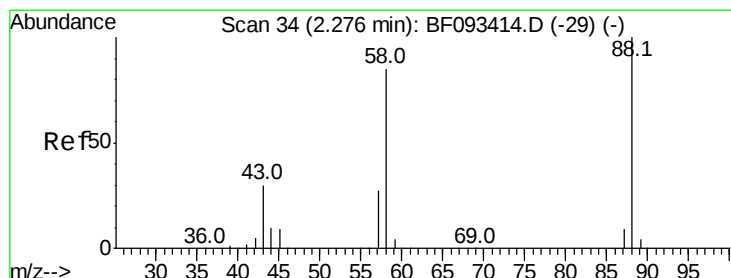
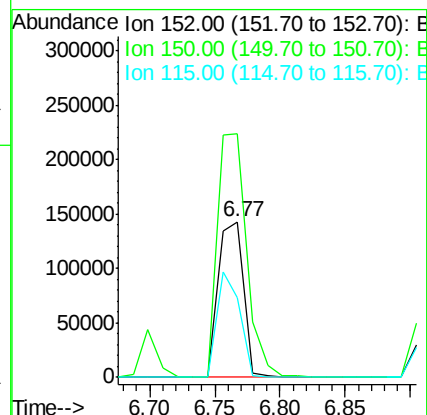
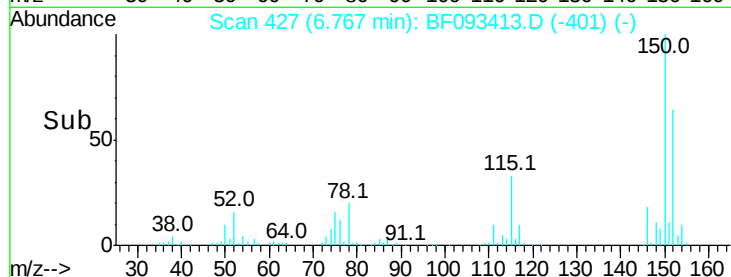
115 51.0 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.69 ng

RT: 2.28 min Scan# 34

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

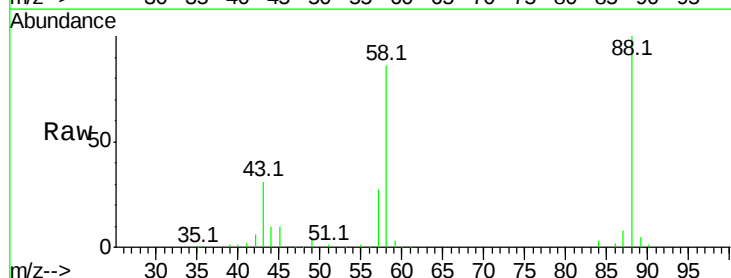
Tgt Ion: 88 Resp: 163733

Ion Ratio Lower Upper

88 100

58 82.9 57.8 86.8

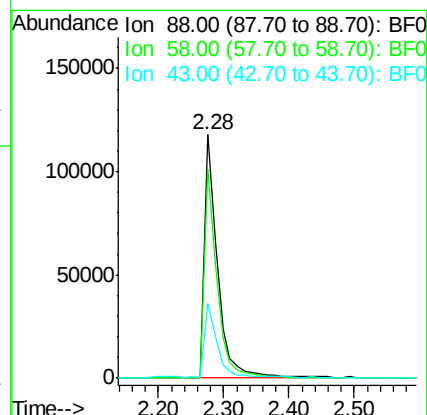
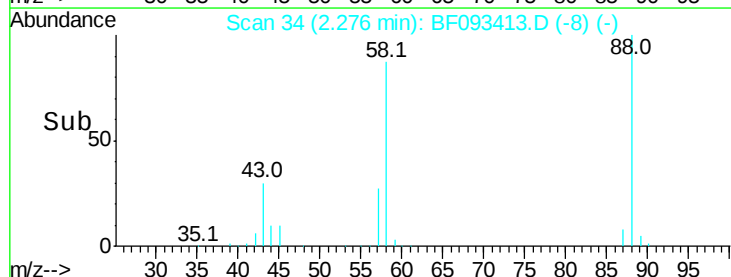
43 28.0 22.3 33.5

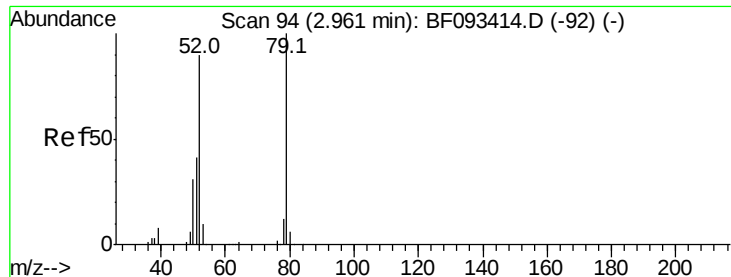


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 24.44 ng

RT: 2.98 min Scan# 96

Delta R.T. 0.02 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

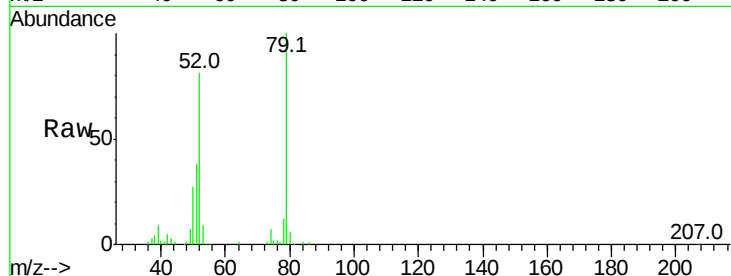
Tot Ion: 79 Resp: 381243

Ion Ratio Lower Upper

79 100

52 81.2 57.1 85.7

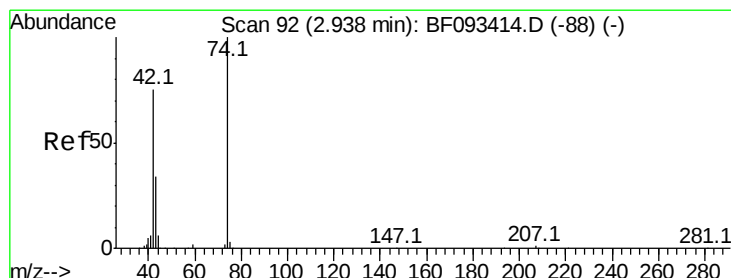
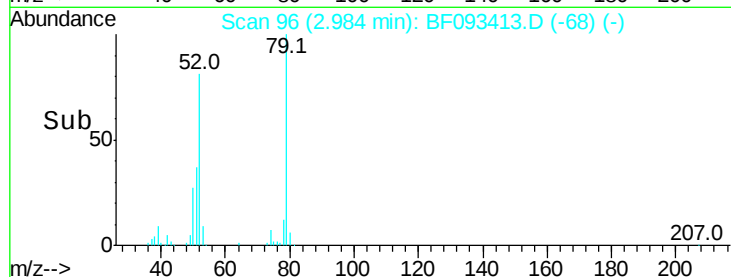
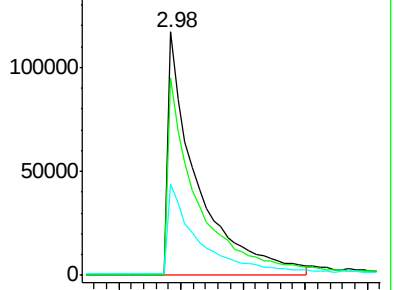
51 37.7 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 27.64 ng

RT: 2.93 min Scan# 91

Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

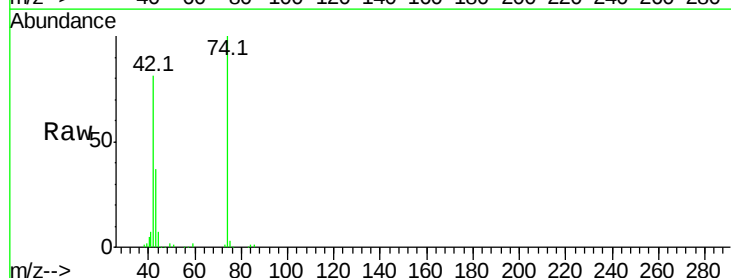
Tgt Ion: 42 Resp: 202455

Ion Ratio Lower Upper

42 100

74 123.9 117.0 175.4

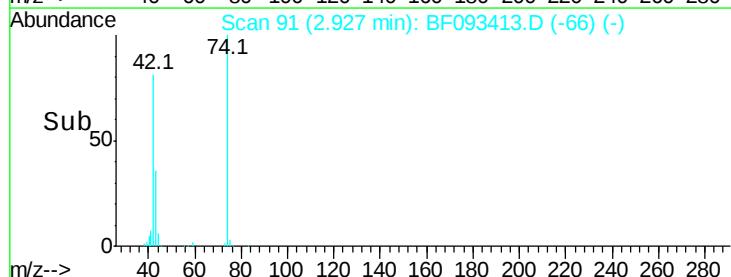
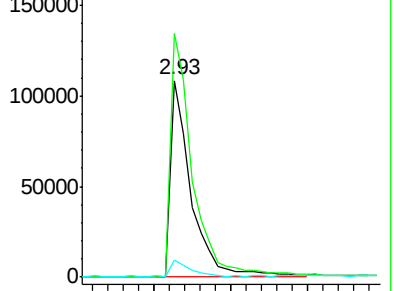
44 8.5 5.5 8.3#

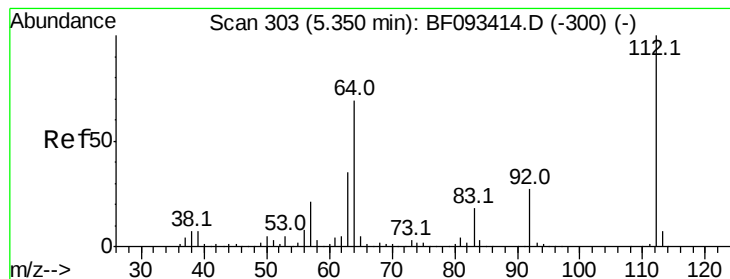


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

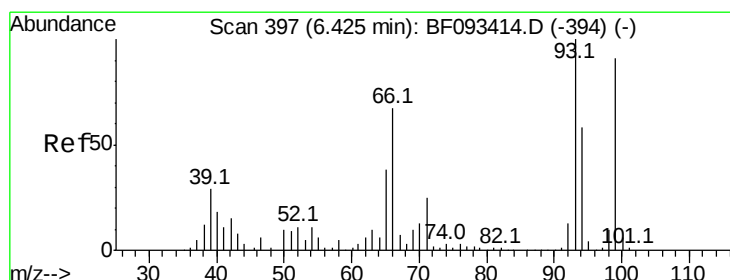
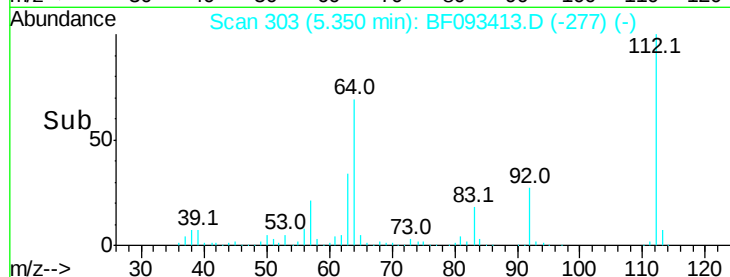
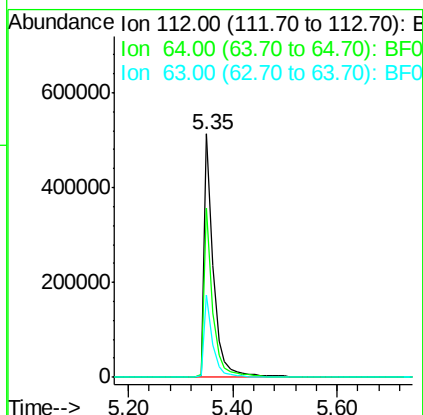
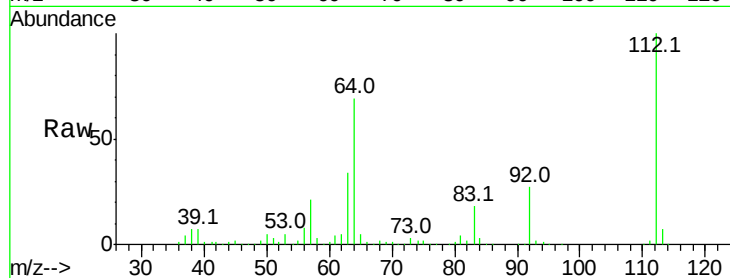




#5
 2-Fluorophenol
 Concen: 56.78 ng
 RT: 5.35 min Scan# 303
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

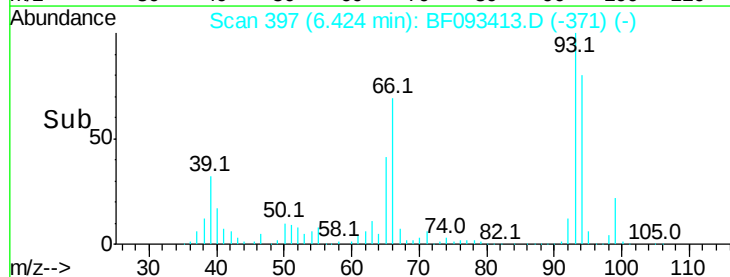
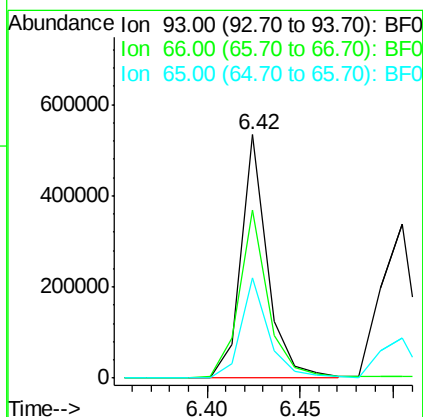
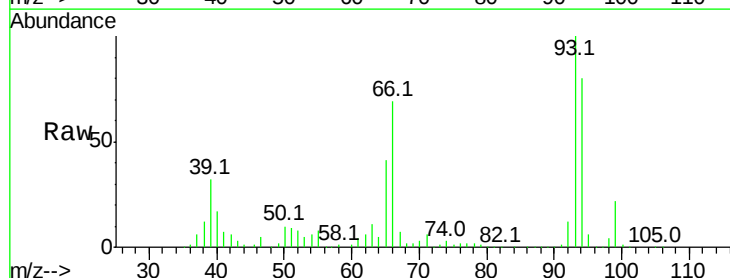
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

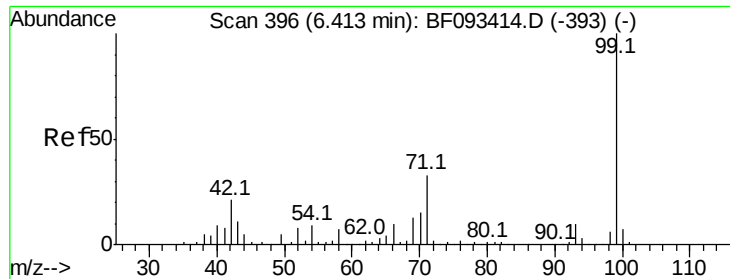
Tot Ion: 112 Resp: 644729
 Ion Ratio Lower Upper
 112 100
 64 69.3 46.1 69.1#
 63 34.0 23.8 35.6



#6
 Aniline
 Concen: 26.68 ng
 RT: 6.42 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion: 93 Resp: 531629
 Ion Ratio Lower Upper
 93 100
 66 68.8 76.2 114.2#
 65 41.3 49.3 73.9#





#7

Phenol-d6

Concen: 52.10 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

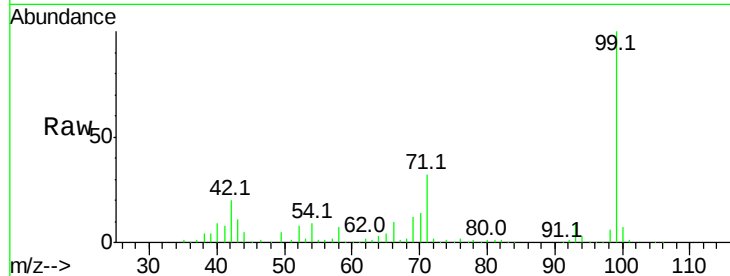
Tot Ion: 99 Resp: 761213

Ion Ratio Lower Upper

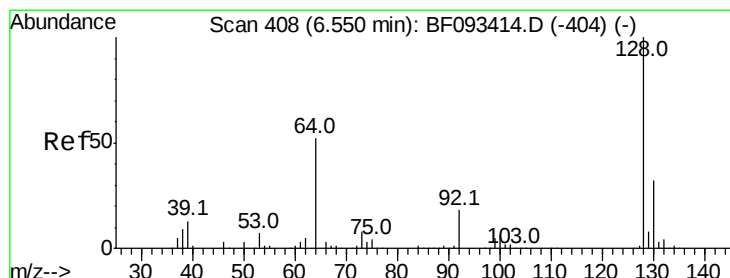
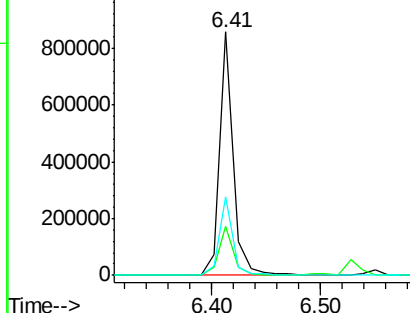
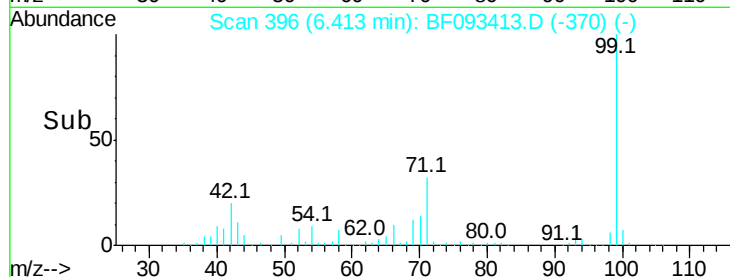
99 100

42 20.4 15.6 23.4

71 32.0 27.5 41.3



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: 27.38 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

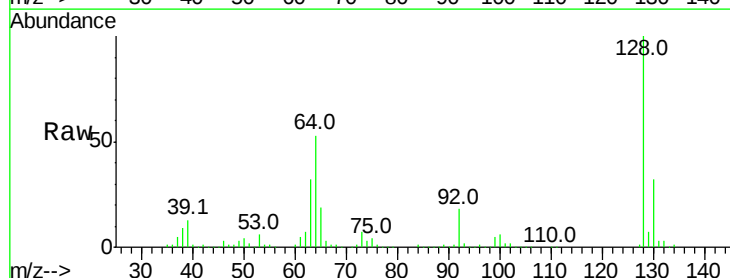
Tgt Ion:128 Resp: 343045

Ion Ratio Lower Upper

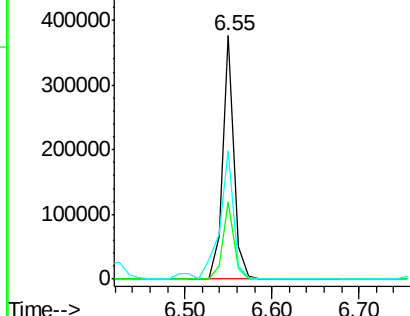
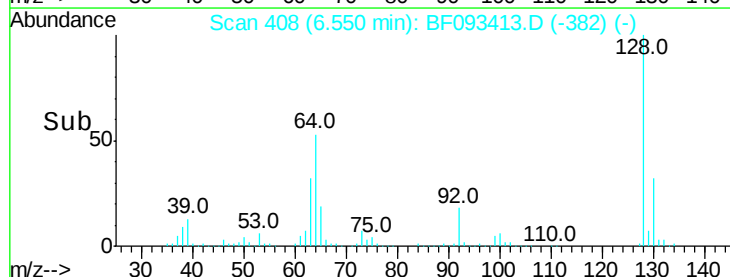
128 100

130 32.0 12.3 52.3

64 52.8 32.2 72.2



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

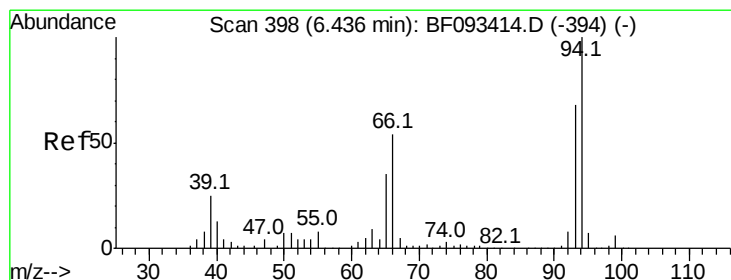
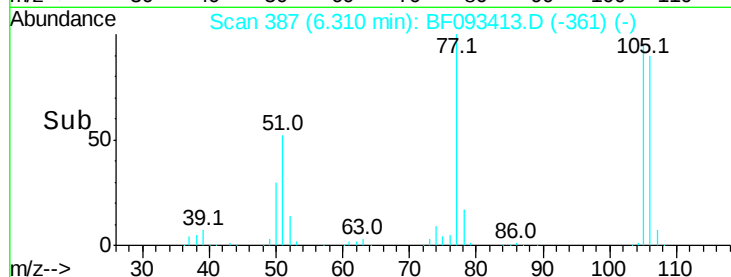
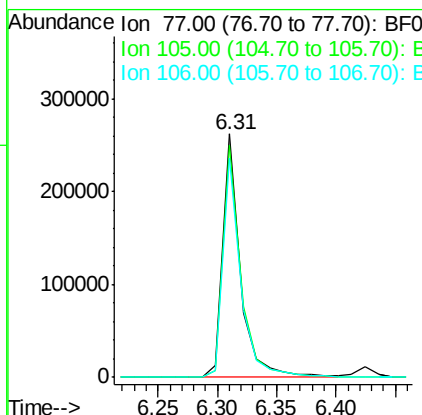
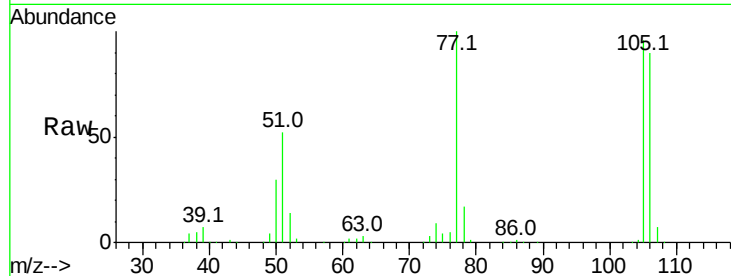




#9
Benzaldehyde
Concen: 25.47 ng
RT: 6.31 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

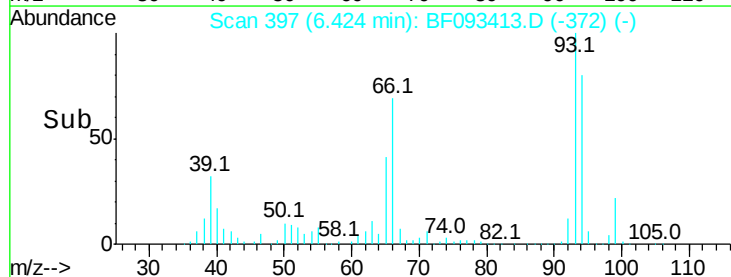
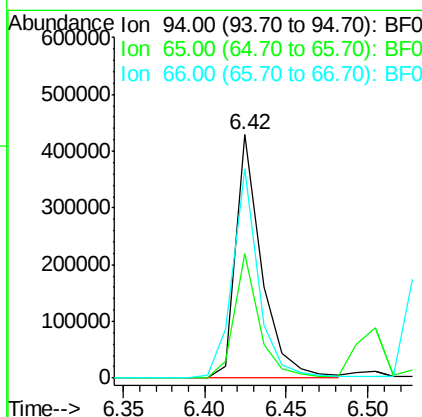
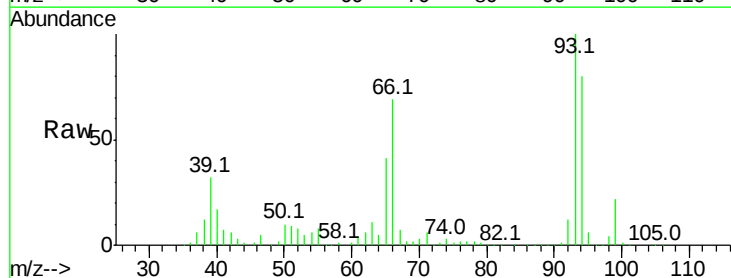
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion: 77 Resp: 266616
Ion Ratio Lower Upper
77 100
105 95.5 83.9 123.9
106 90.3 77.6 117.6



#10
Phenol
Concen: 27.48 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion: 94 Resp: 469750
Ion Ratio Lower Upper
94 100
65 51.4 21.4 61.4
66 85.6 44.0 84.0#

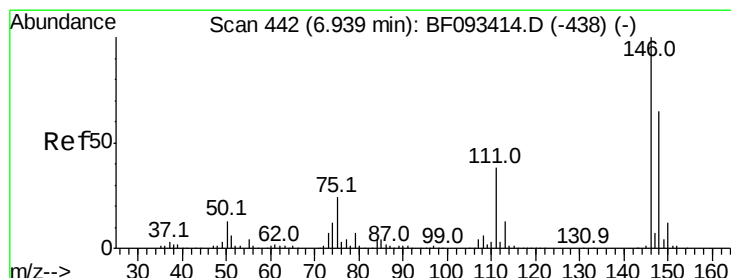
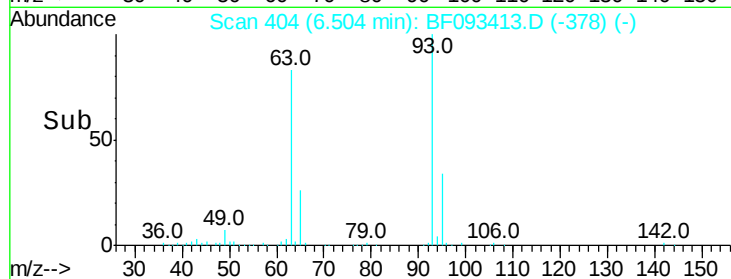
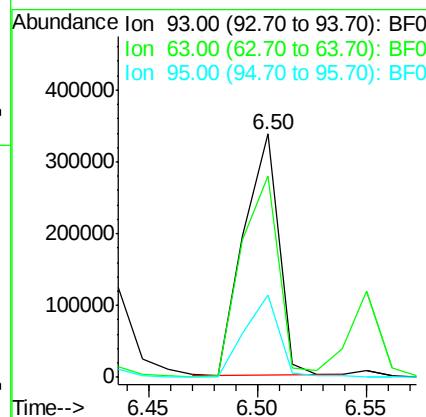
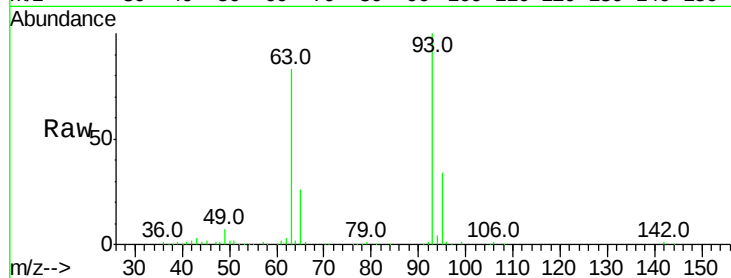




#11
bis(2-Chloroethyl)ether
Concen: 27.43 ng
RT: 6.50 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

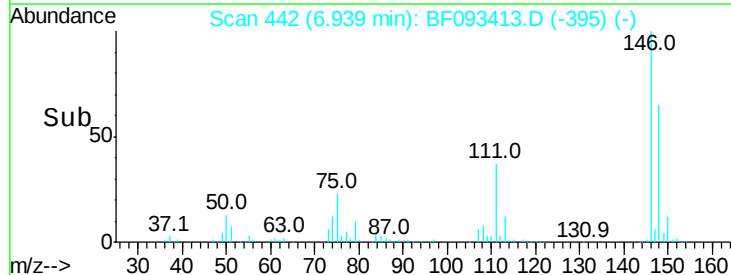
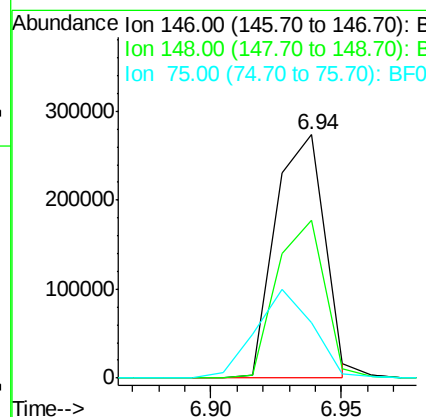
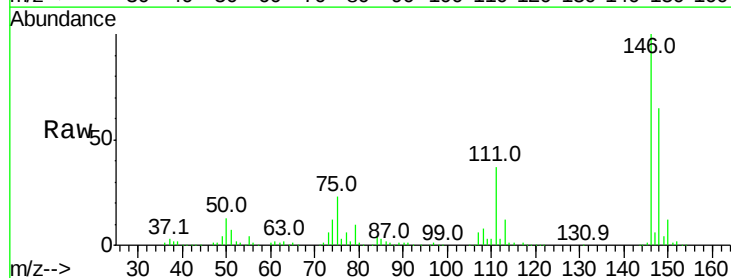
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion: 93 Resp: 374189
Ion Ratio Lower Upper
93 100
63 82.9 60.4 100.4
95 33.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 24.45 ng
RT: 6.94 min Scan# 442
Delta R.T. 0.24 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion: 146 Resp: 358684
Ion Ratio Lower Upper
146 100
148 64.7 53.4 80.0
75 22.8 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 27.98 ng

RT: 6.78 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

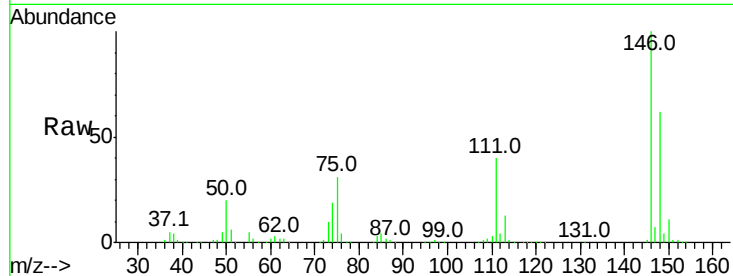
Tot Ion:146 Resp: 415448

Ion Ratio Lower Upper

146 100

148 62.2 50.6 76.0

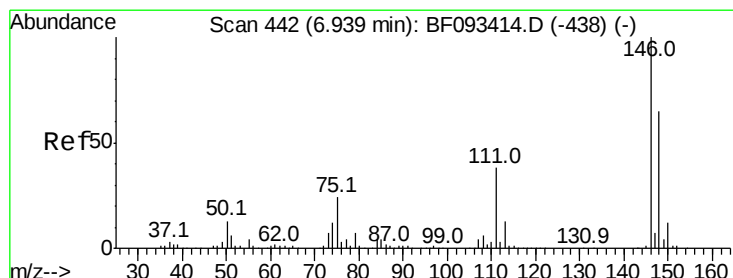
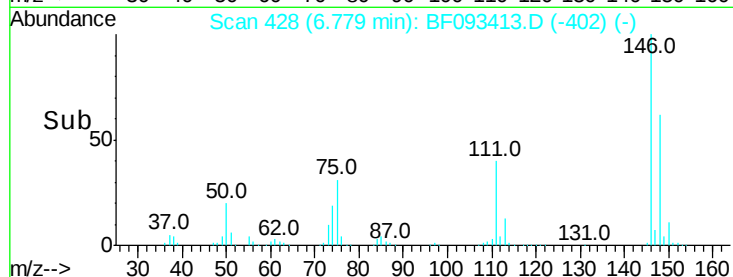
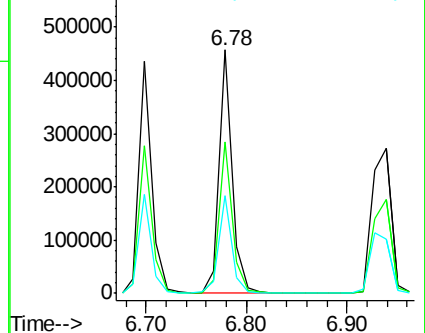
111 40.3 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 25.68 ng

RT: 6.94 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

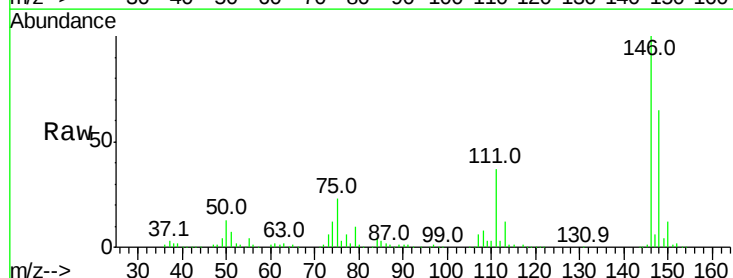
Tgt Ion:146 Resp: 364622

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

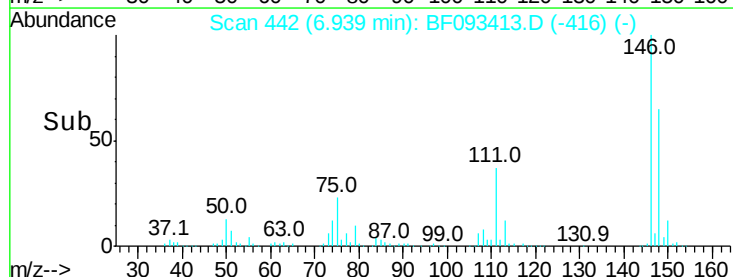
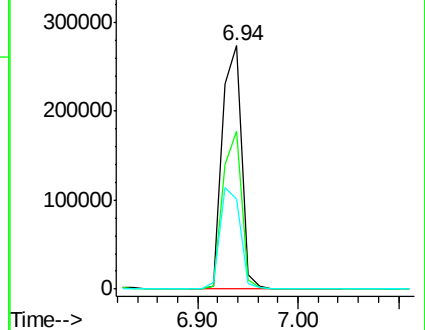
111 36.9 36.2 54.2

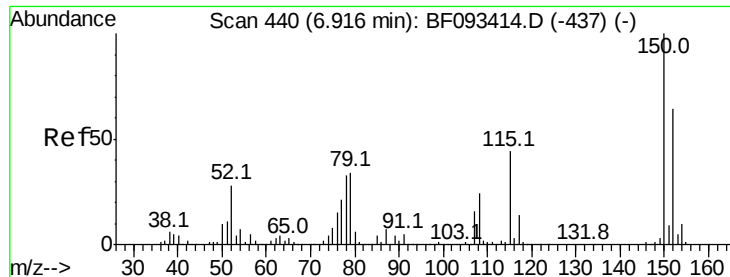


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

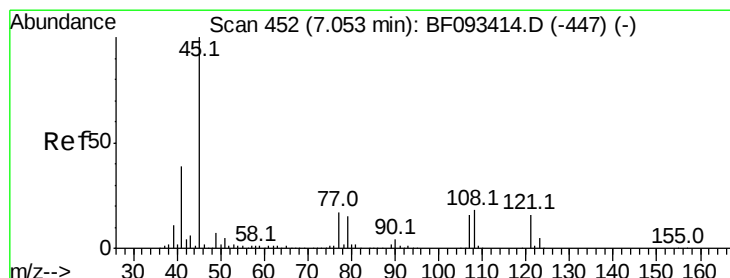
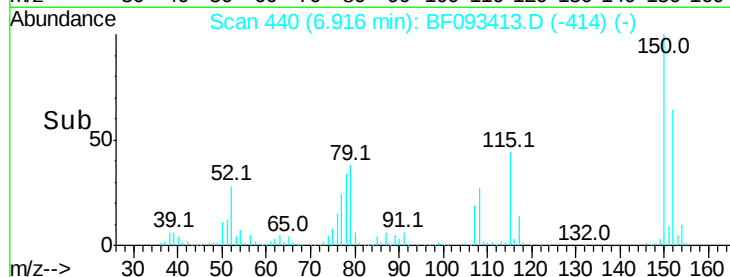
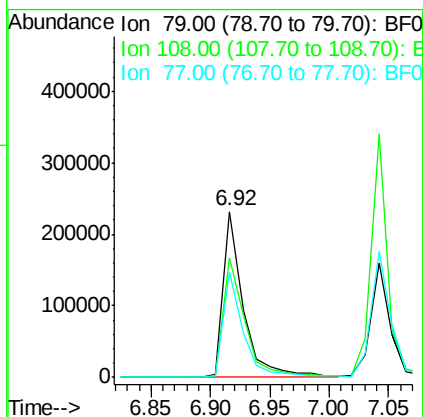
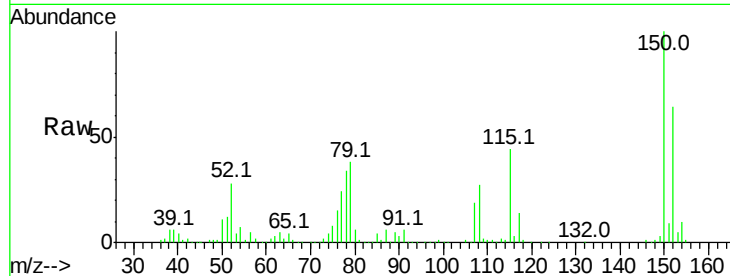




#15
Benzyl Alcohol
Concen: 25.08 ng
RT: 6.92 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

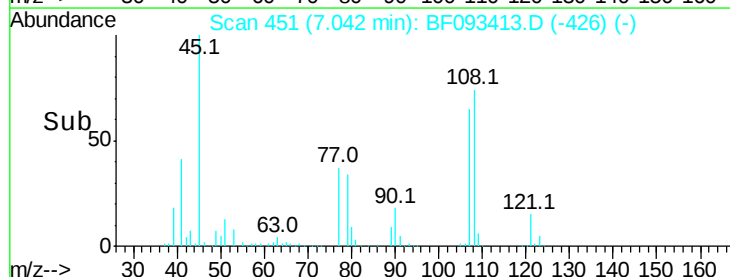
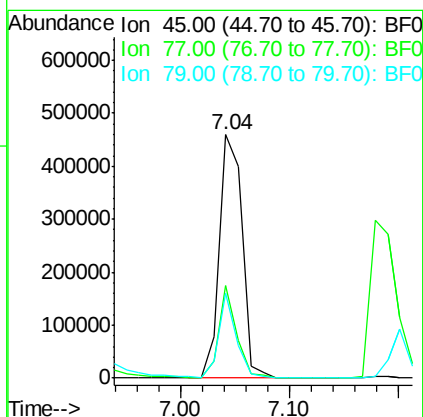
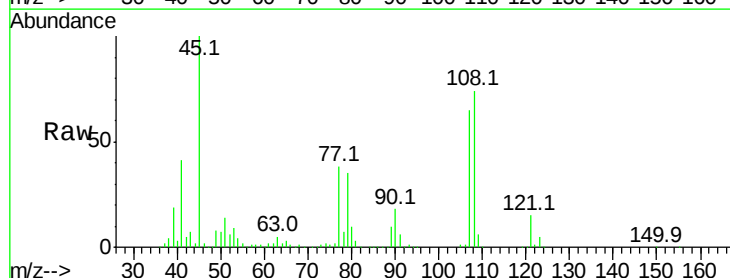
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

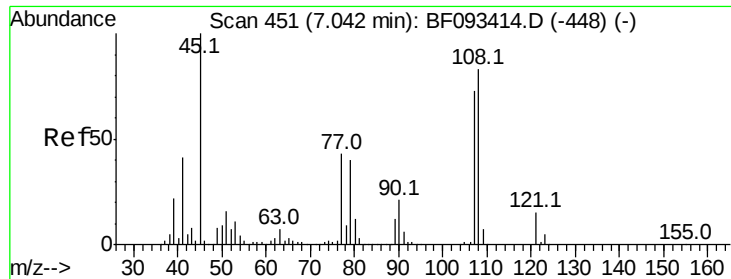
Tot Ion: 79 Resp: 271250
Ion Ratio Lower Upper
79 100
108 72.0 61.4 92.0
77 63.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.17 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion: 45 Resp: 667687
Ion Ratio Lower Upper
45 100
77 38.3 0.0 34.6#
79 34.7 0.0 31.2#

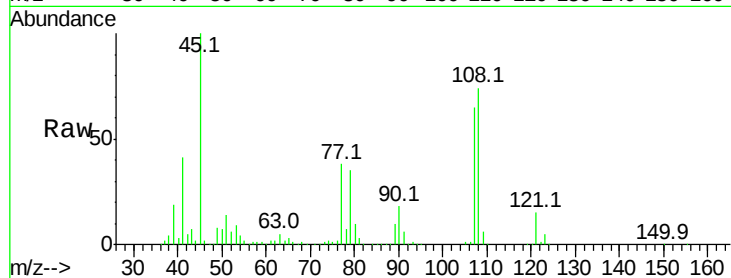




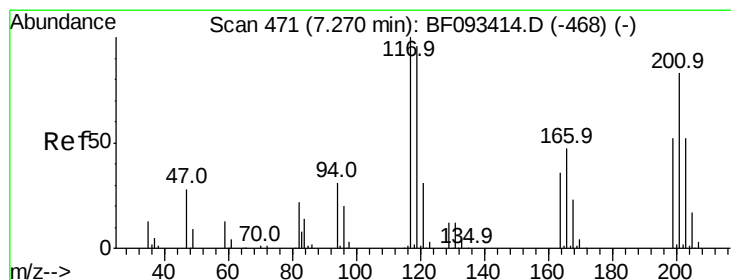
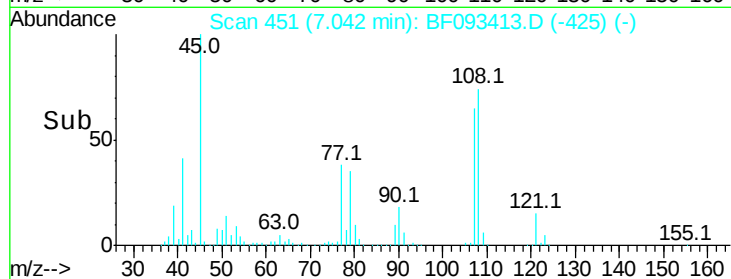
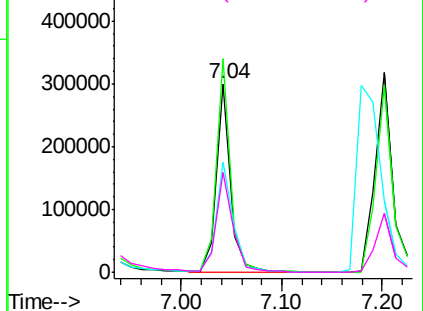
#17
2-Methylphenol
Concen: 27.04 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion:	107	Resp:	290641
Ion	Ratio	Lower	Upper
107	100		
108	113.3	93.0	139.6
77	58.6	39.8	59.8
79	53.2	38.0	57.0

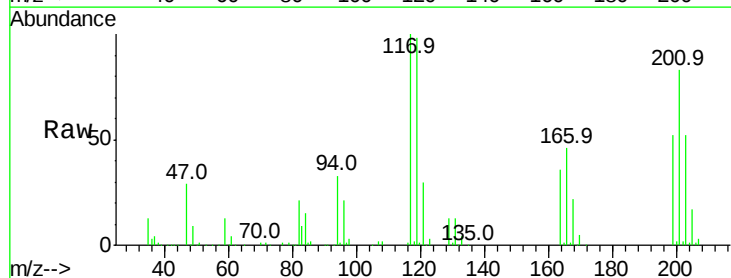


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

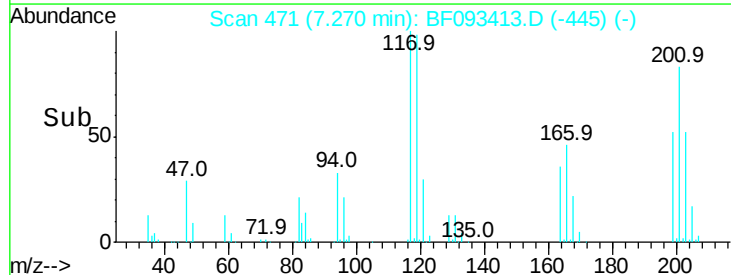
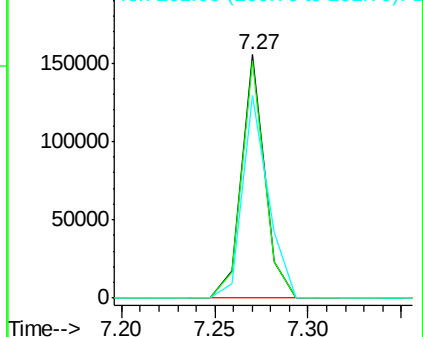


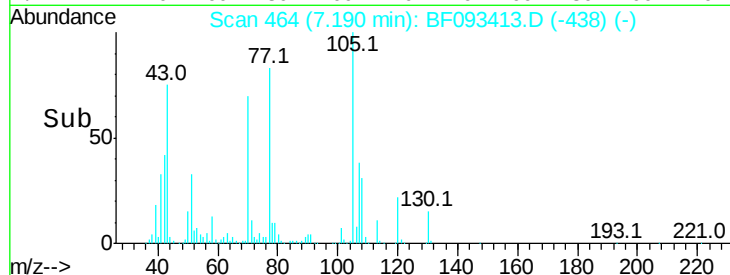
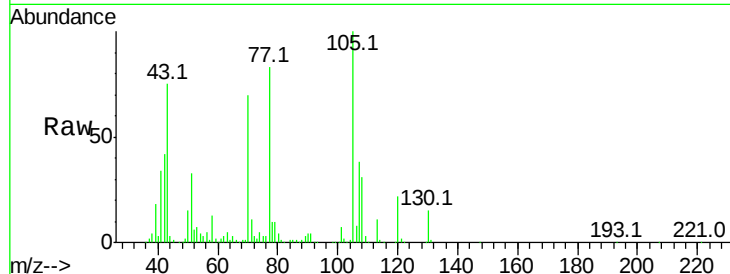
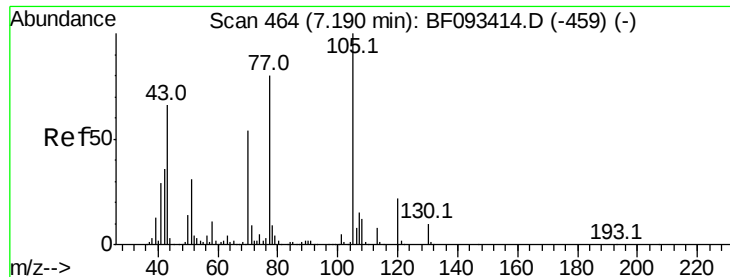
#18
Hexachloroethane
Concen: 26.54 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion:	117	Resp:	134563
Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.1	117.1
201	83.5	78.6	117.8



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

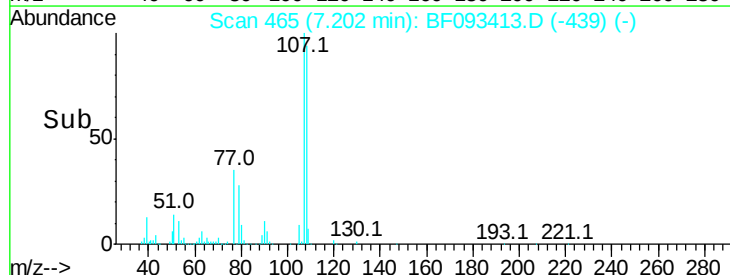
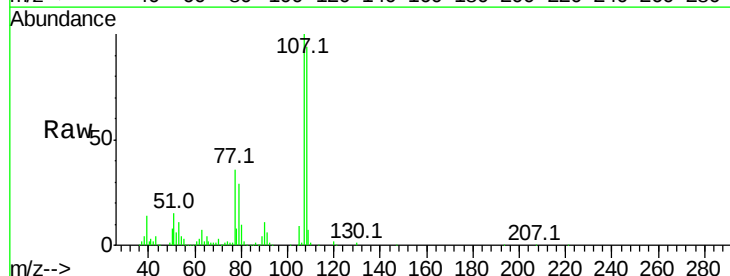
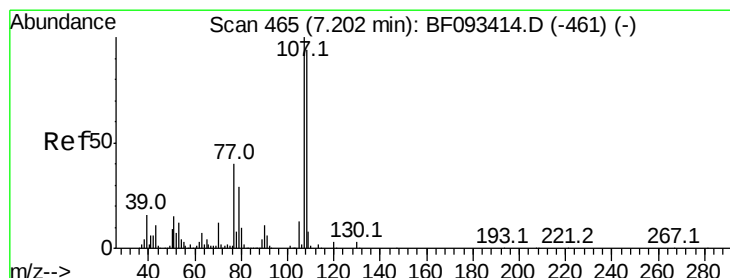
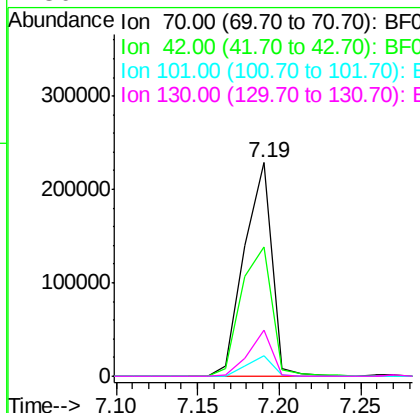




#19
n-Nitroso-di-n-propylamine
Concen: 28.82 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

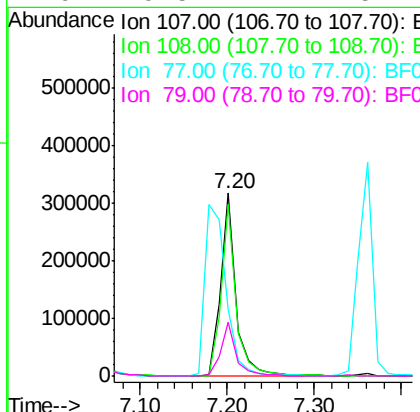
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

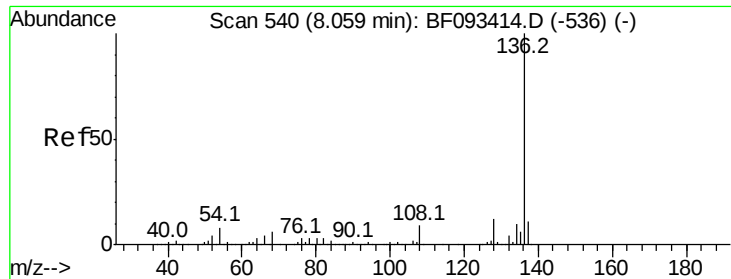
Tot Ion: 70 Resp: 268075
Ion Ratio Lower Upper
70 100
42 60.8 49.4 74.0
101 9.6 7.4 11.2
130 21.7 14.2 21.4#



#20
3+4-Methylphenols
Concen: 30.44 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion: 107 Resp: 391106
Ion Ratio Lower Upper
107 100
108 93.8 73.0 113.0
77 36.2 71.3 111.3#
79 29.5 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tot Ion:136 Resp: 784620

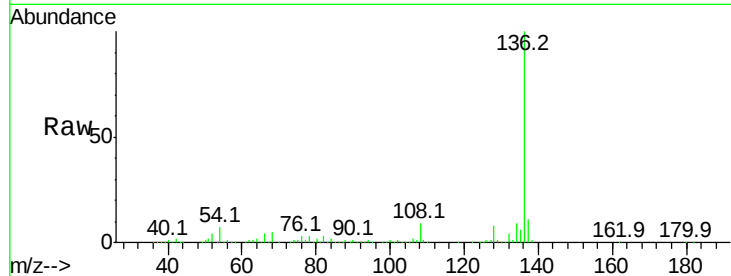
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 7.0 4.5 6.7#

68 5.5 3.6 5.4#

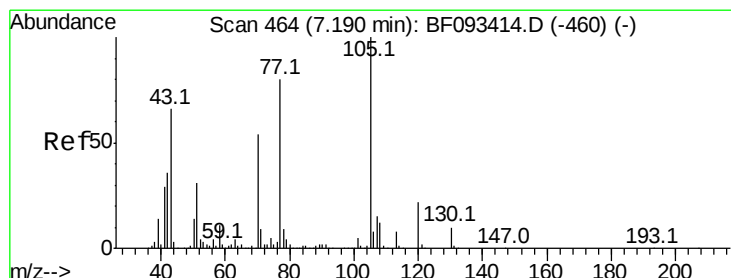
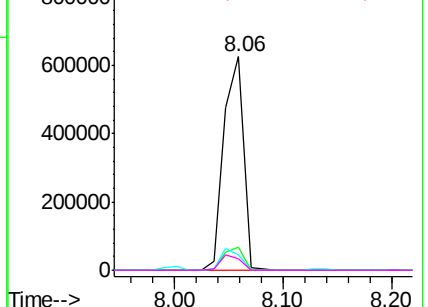
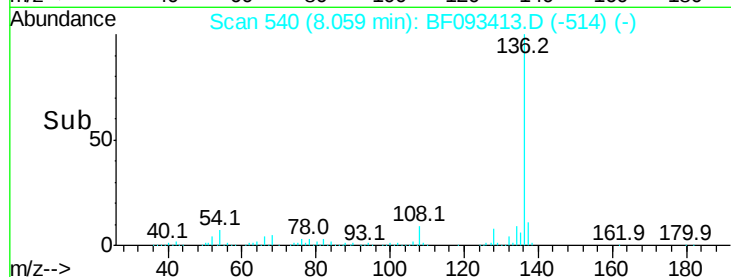


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 27.94 ng

RT: 7.18 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:105 Resp: 500483

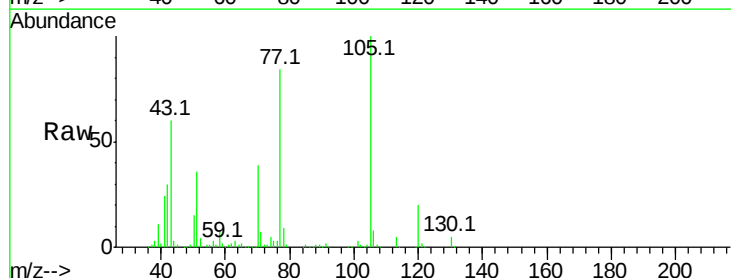
Ion Ratio Lower Upper

105 100

71 6.8 3.2 4.8#

51 35.9 26.2 39.4

120 19.6 16.6 24.8

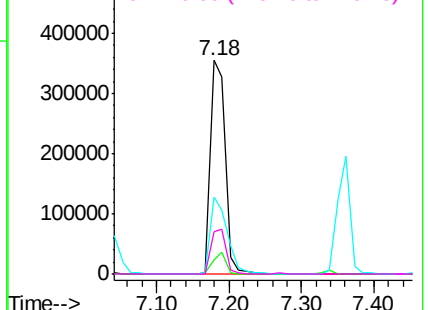
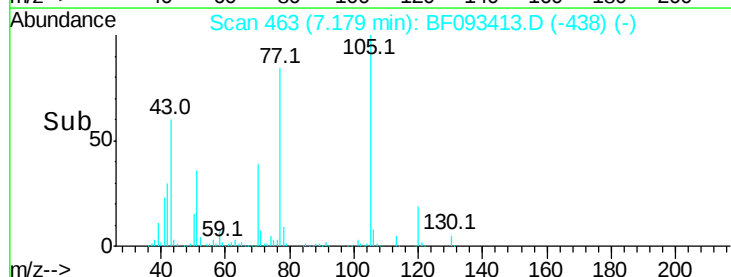


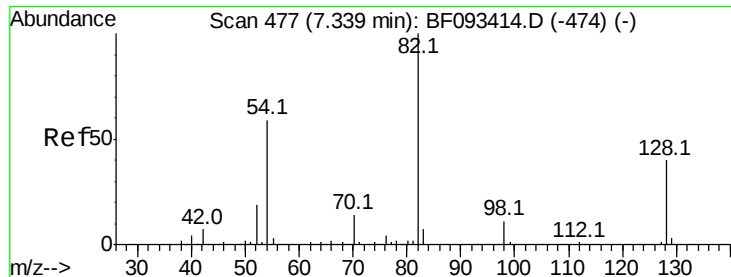
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

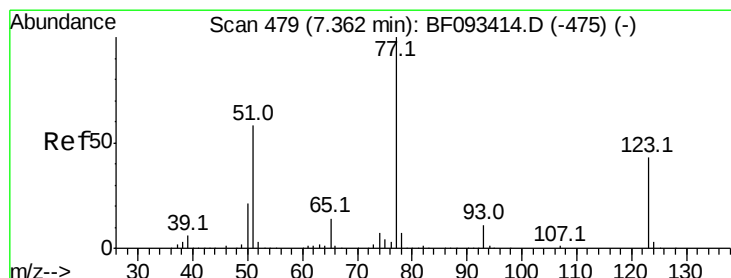
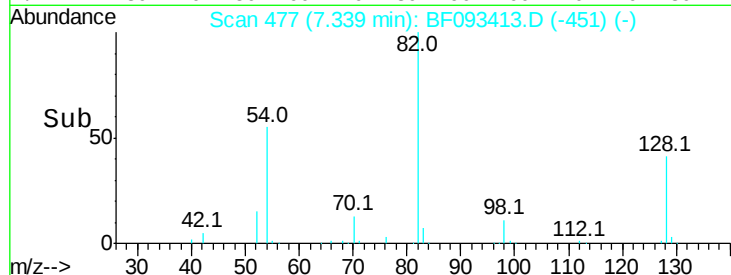
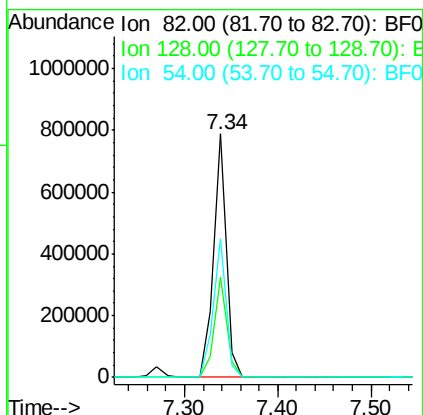
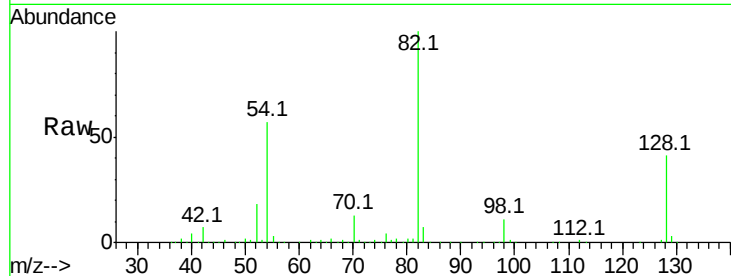




#23
 Nitrobenzene-d5
 Concen: 53.30 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

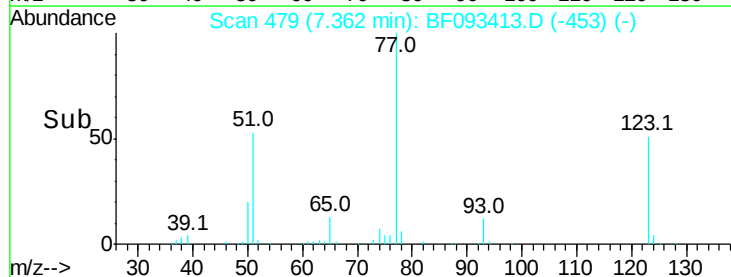
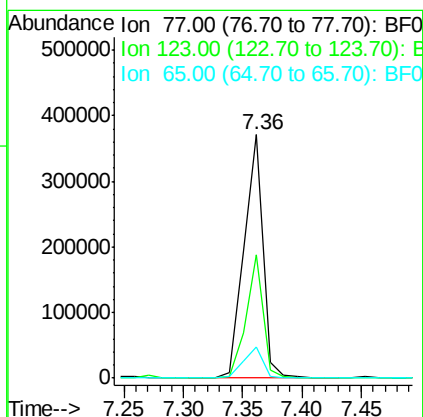
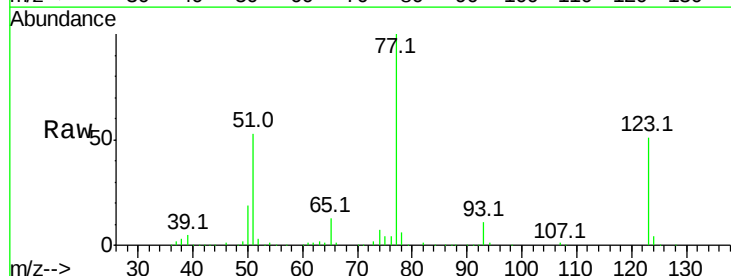
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

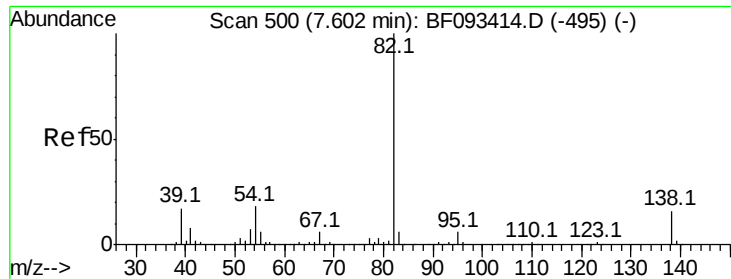
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	56.7	39.5	59.3



#24
 Nitrobenzene
 Concen: 28.62 ng
 RT: 7.36 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	33.0	49.4#
65	13.0	11.2	16.8





#25

Isophorone

Concen: 27.39 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

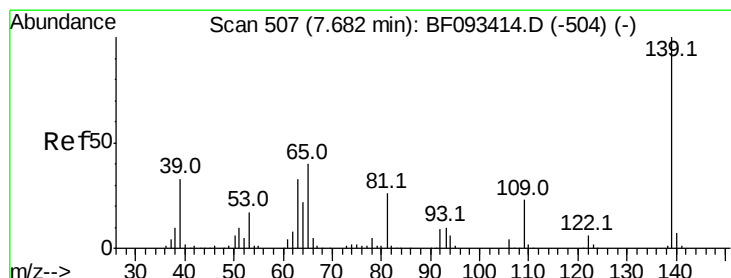
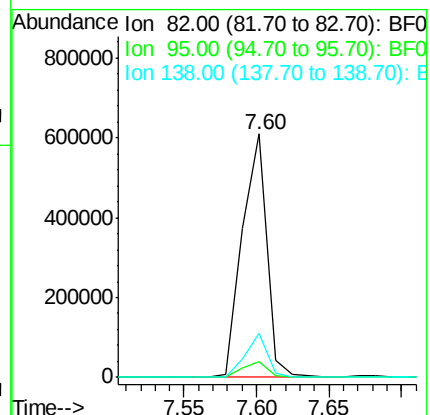
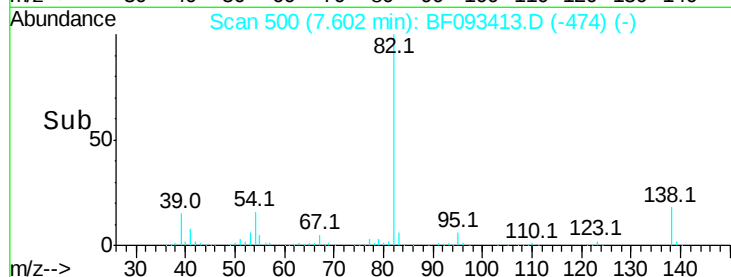
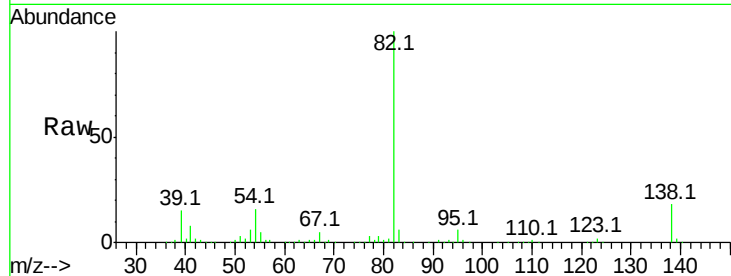
Tot Ion: 82 Resp: 719067

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 17.8 14.6 22.0



#26

2-Nitrophenol

Concen: 26.21 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

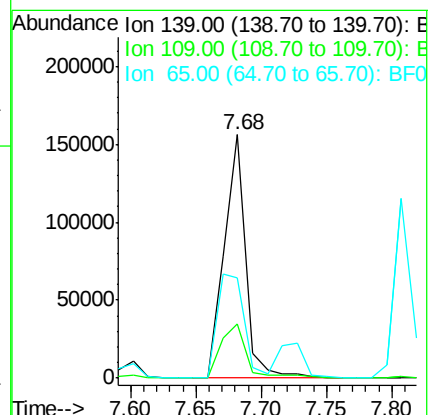
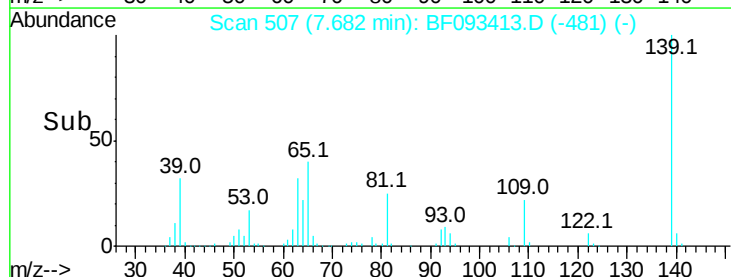
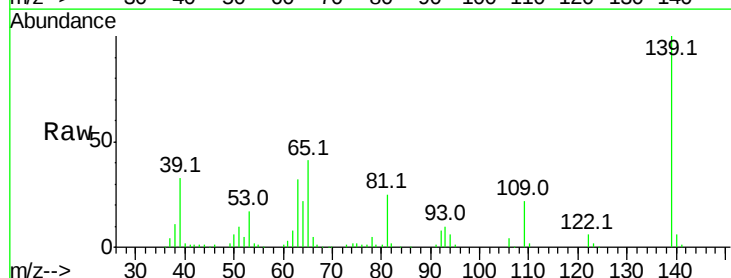
Tgt Ion:139 Resp: 180266

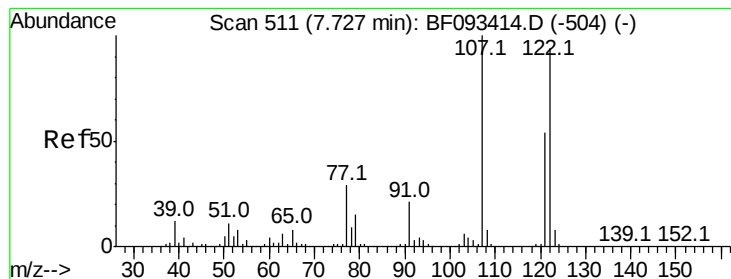
Ion Ratio Lower Upper

139 100

109 22.3 23.3 34.9#

65 40.9 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 25.63 ng

RT: 7.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

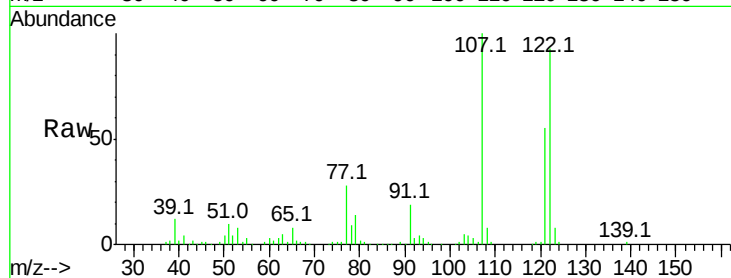
Tot Ion:122 Resp: 309547

Ion Ratio Lower Upper

122 100

107 107.9 94.1 141.1

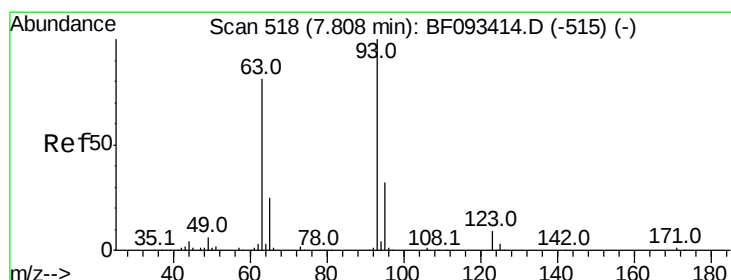
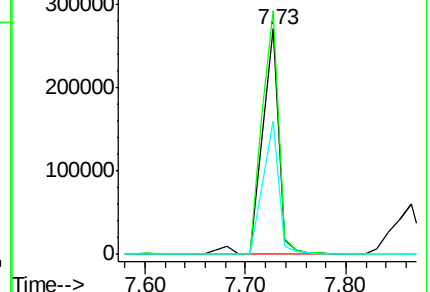
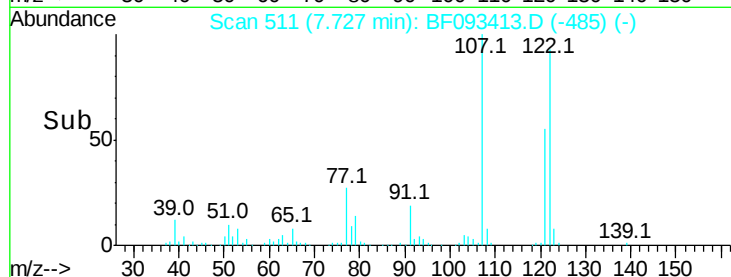
121 58.9 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 25.81 ng

RT: 7.81 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

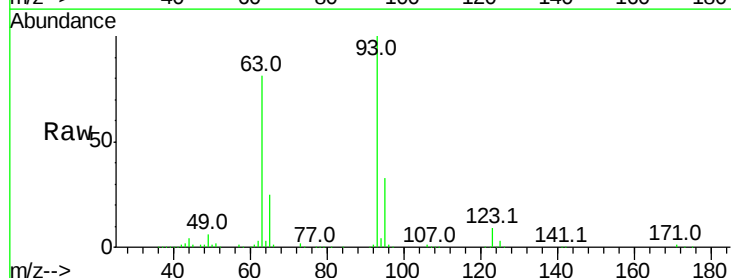
Tgt Ion: 93 Resp: 448742

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

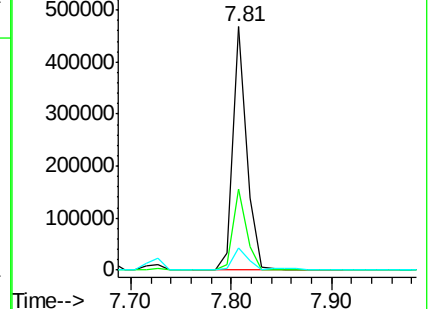
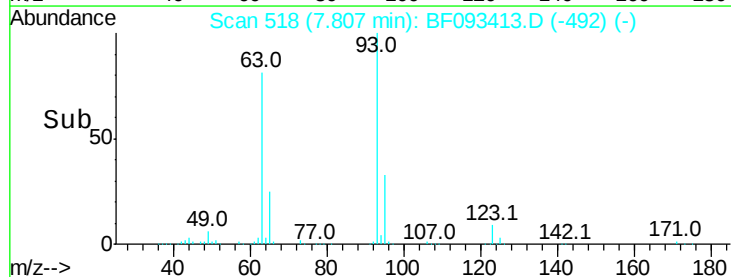
123 9.1 8.6 13.0

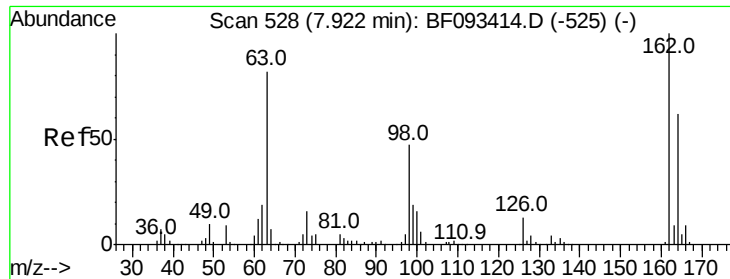


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

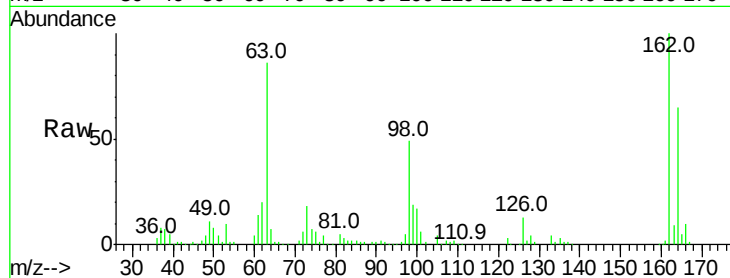




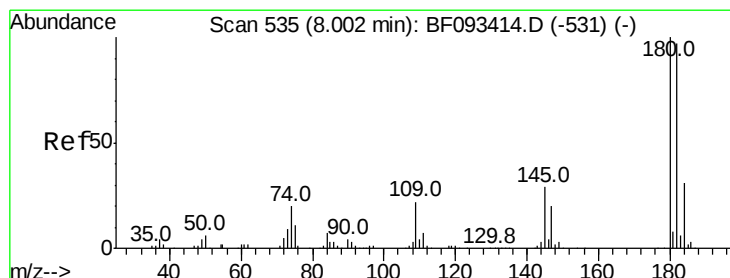
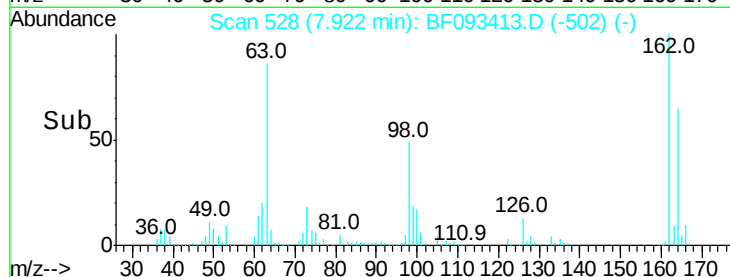
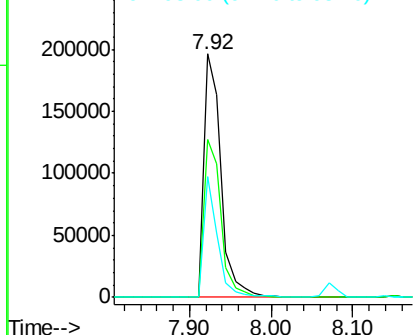
#29
2,4-Dichlorophenol
Concen: 25.77 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:162 Resp: 290312
Ion Ratio Lower Upper
162 100
164 64.8 46.8 86.8
98 49.4 9.1 49.1#

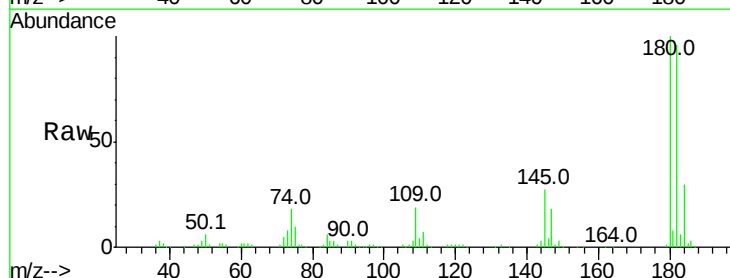


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

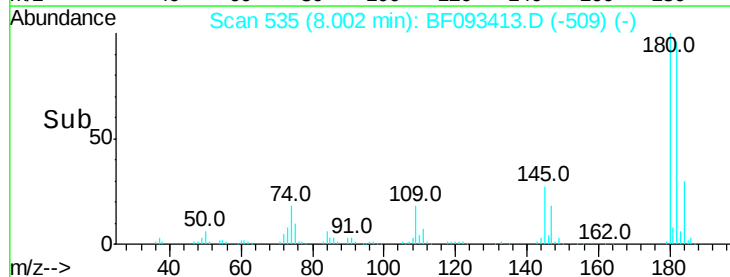
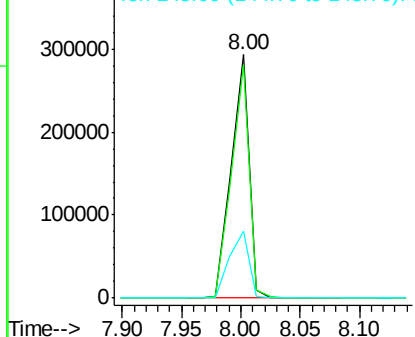


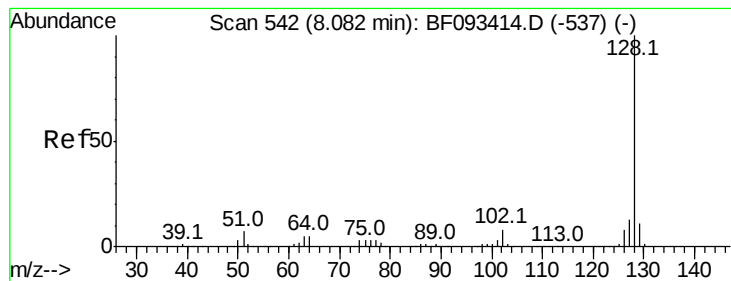
#30
1,2,4-Trichlorobenzene
Concen: 25.27 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion:180 Resp: 306806
Ion Ratio Lower Upper
180 100
182 95.8 78.2 117.4
145 27.3 21.6 32.4



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





#31

Naphthalene

Concen: 24.38 ng

RT: 8.07 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

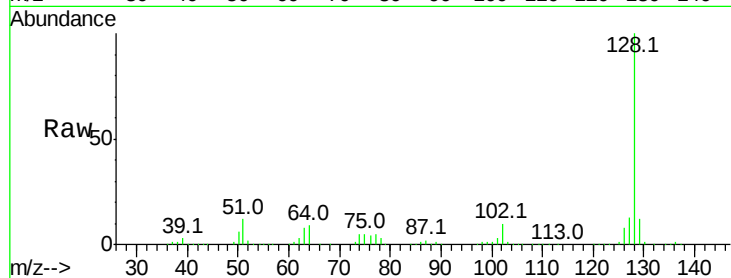
Tot Ion:128 Resp: 969596

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

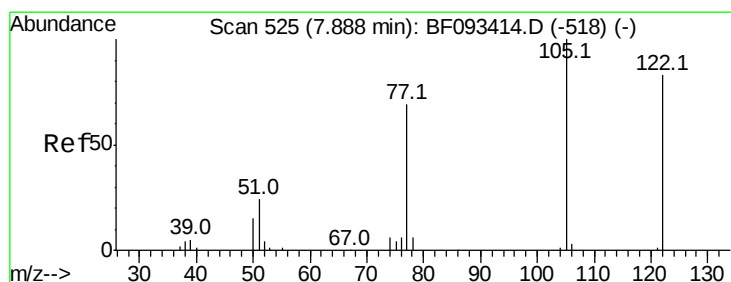
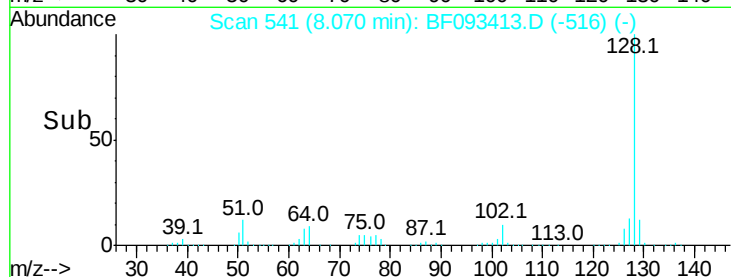
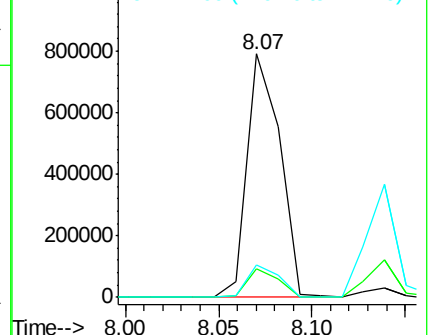
127 13.2 10.8 16.2



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: 22.46 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

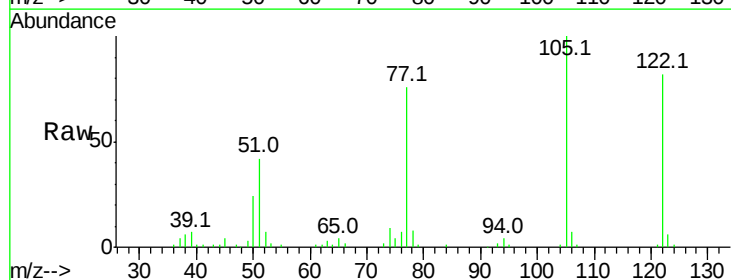
Tgt Ion:122 Resp: 137599

Ion Ratio Lower Upper

122 100

105 122.4 107.2 147.2

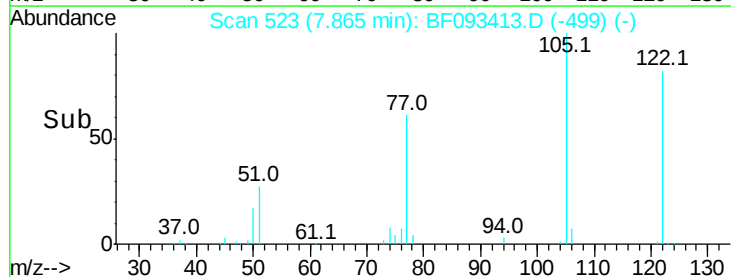
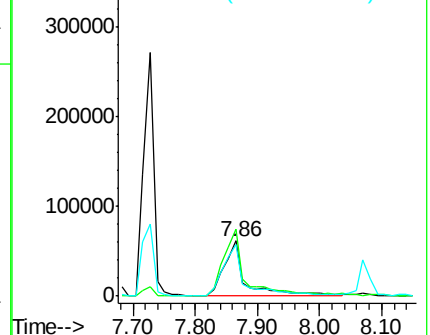
77 93.5 74.5 114.5

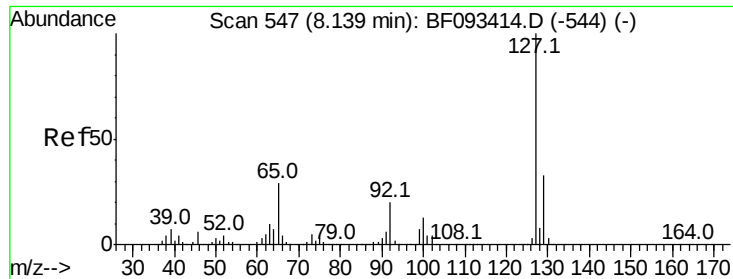


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

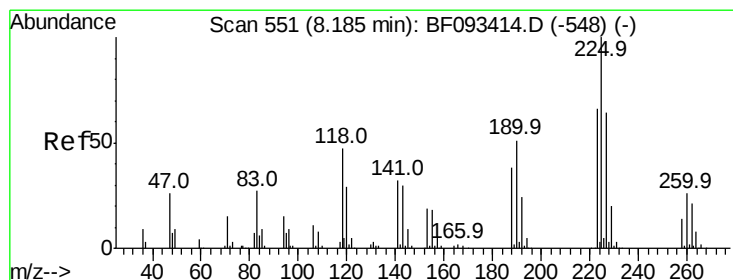
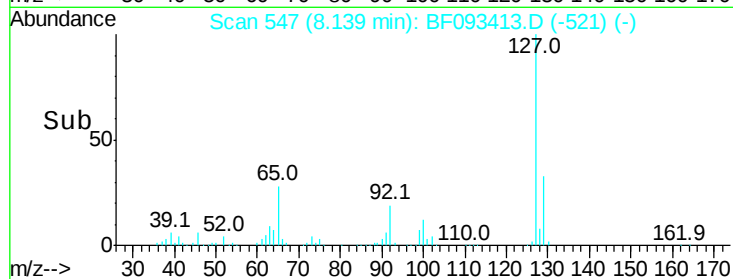
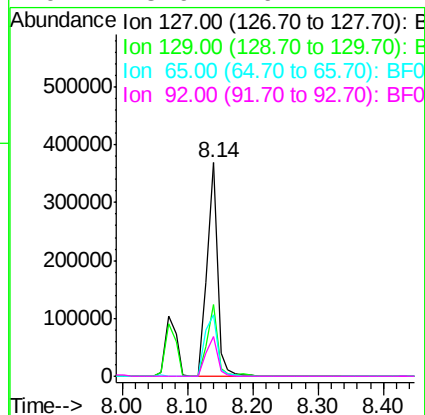
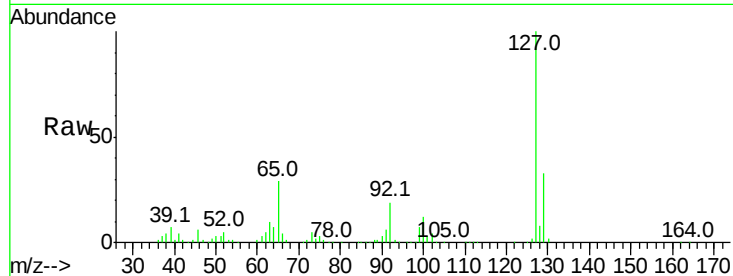




#33
4-Chloroaniline
Concen: 26.26 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

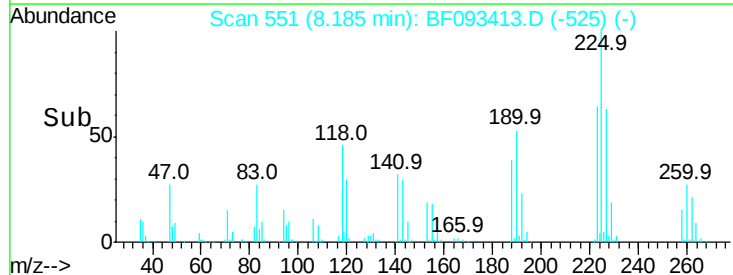
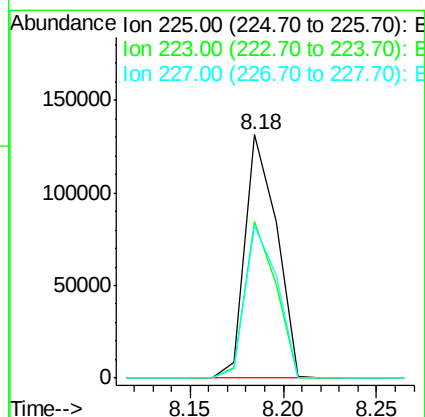
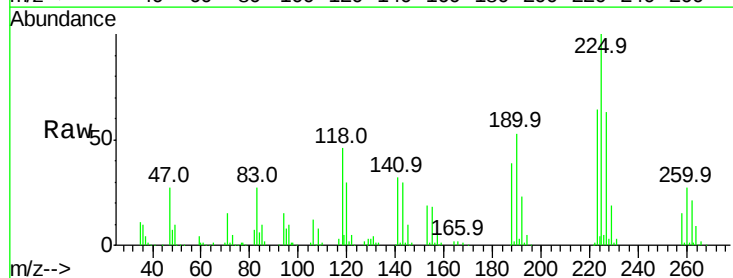
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

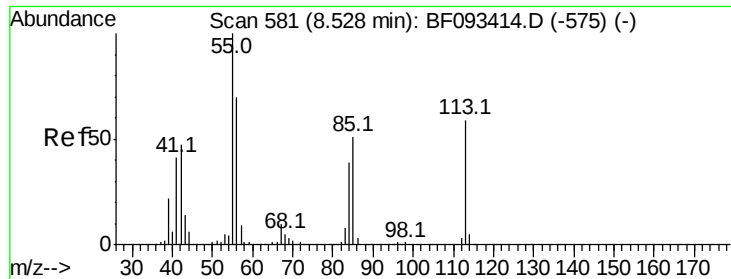
Tot Ion:	127	Resp:	409576
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.3	39.5
65	28.5	25.8	38.8
92	18.9	16.1	24.1



#34
Hexachlorobutadiene
Concen: 23.12 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion:	225	Resp:	154395
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.0	76.6
227	62.7	50.6	76.0

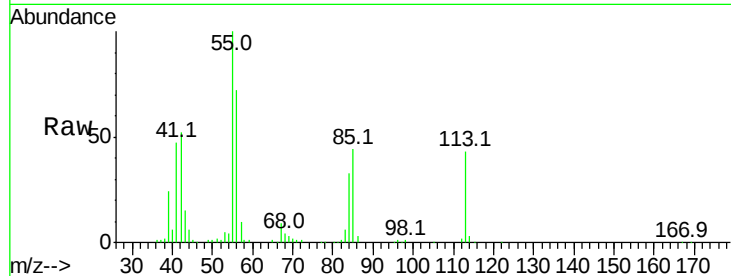




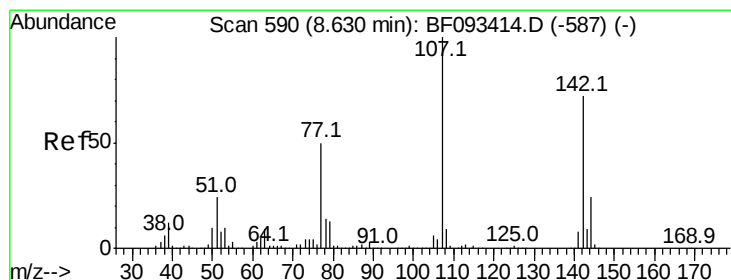
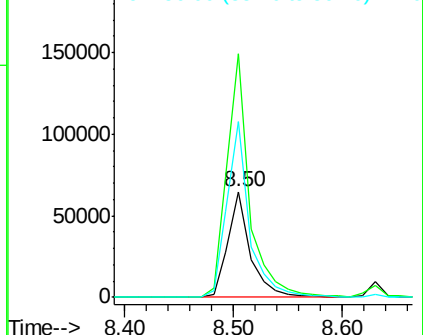
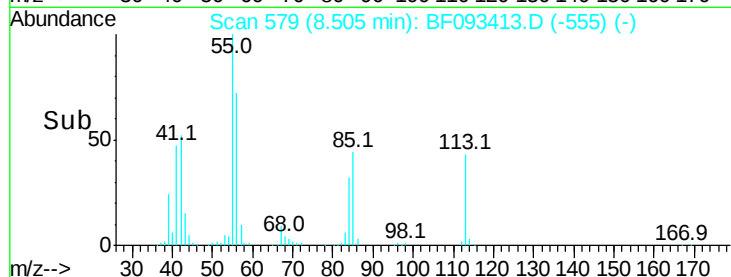
#35
Caprolactam
Concen: 26.23 ng
RT: 8.50 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:113 Resp: 92929
Ion Ratio Lower Upper
113 100
55 230.8 119.2 159.2#
56 166.1 83.8 123.8#

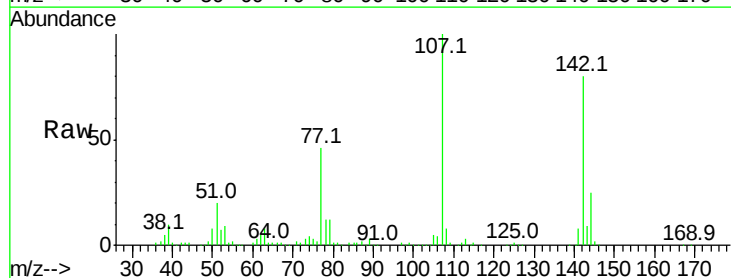


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

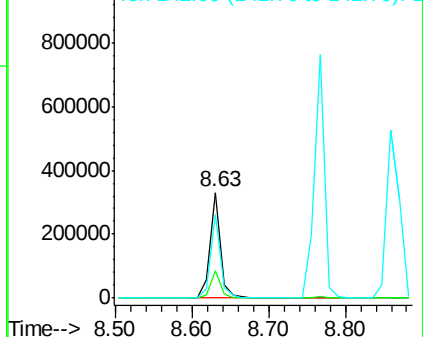
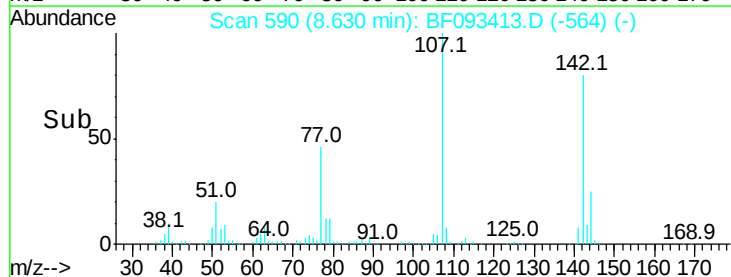


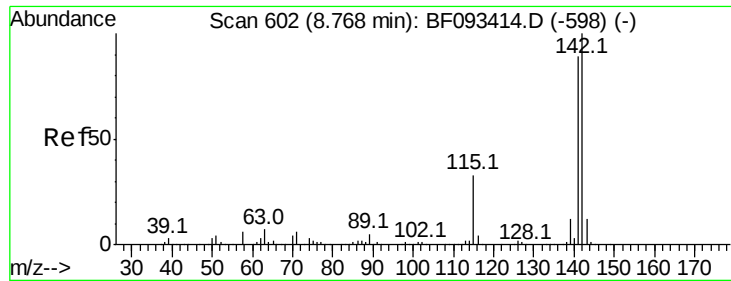
#36
4-Chloro-3-methylphenol
Concen: 26.49 ng
RT: 8.63 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion:107 Resp: 311081
Ion Ratio Lower Upper
107 100
144 25.3 19.3 28.9
142 79.8 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

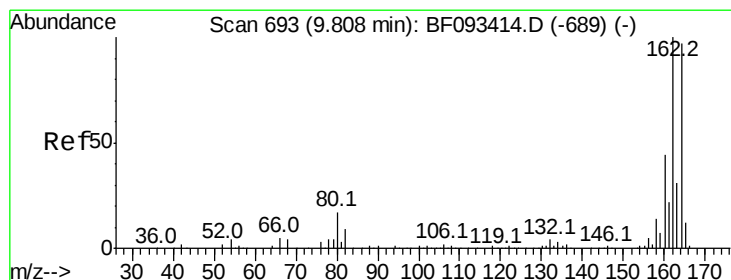
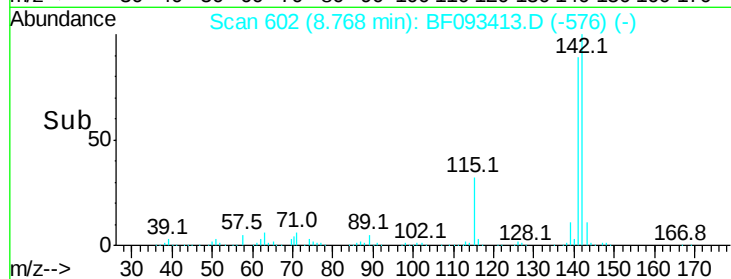
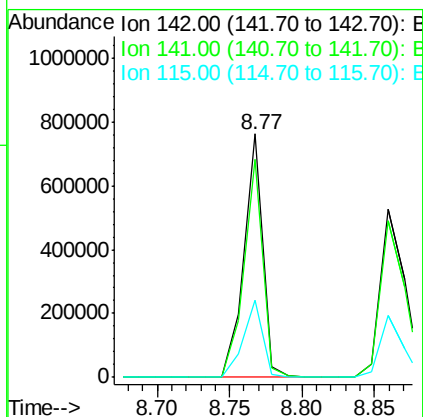
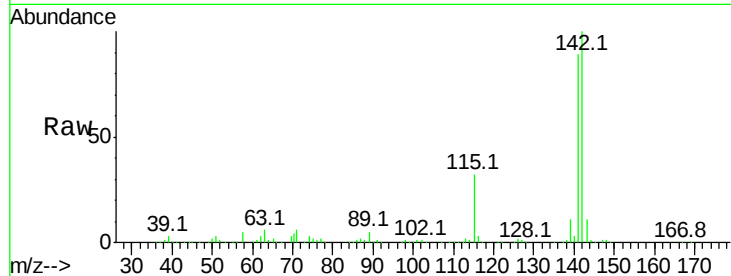




#37
2-Methylnaphthalene
Concen: 26.96 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

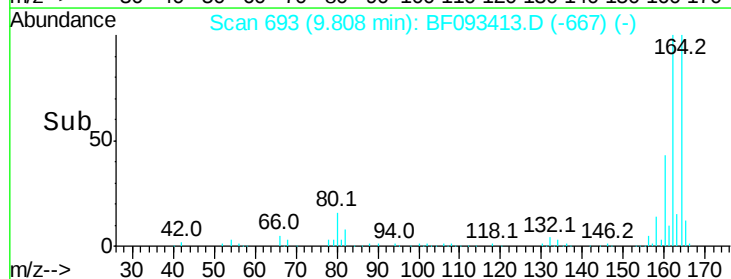
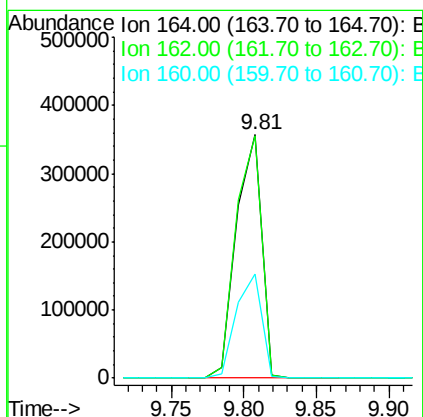
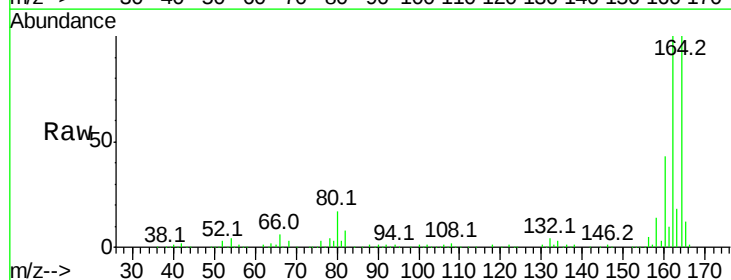
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

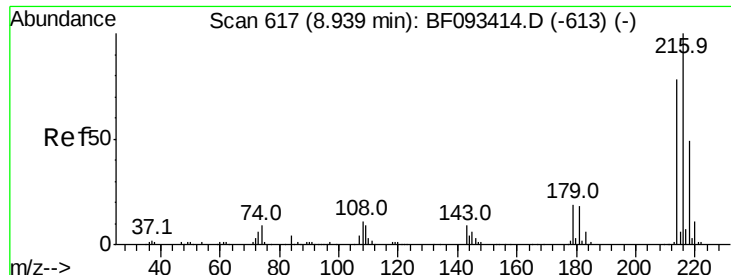
Tot Ion:142 Resp: 688418
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6
115 31.5 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion:164 Resp: 432870
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.2
160 42.6 36.9 55.3

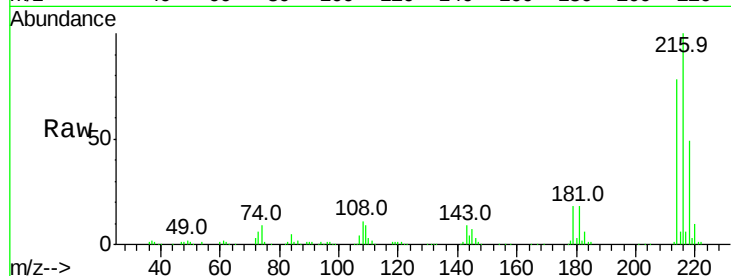




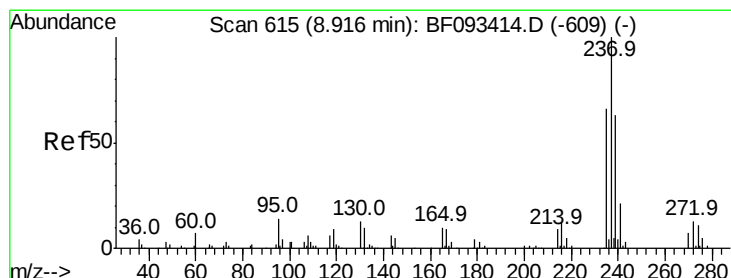
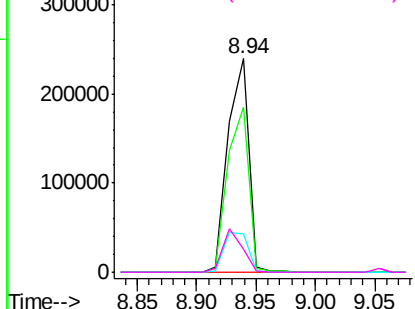
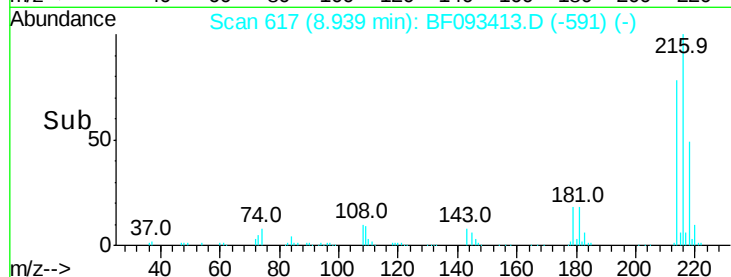
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.98 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC025

Tot Ion:	216	Resp:	291422
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	21.5	17.4	26.2
108	19.2	15.6	23.4

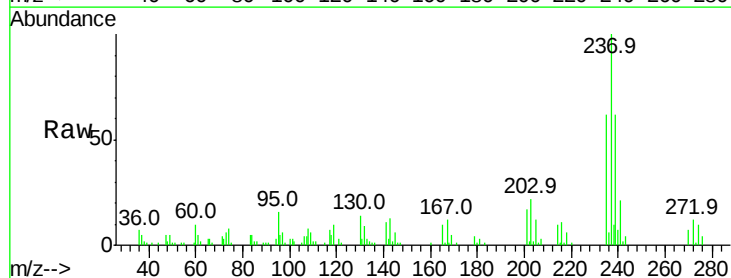


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

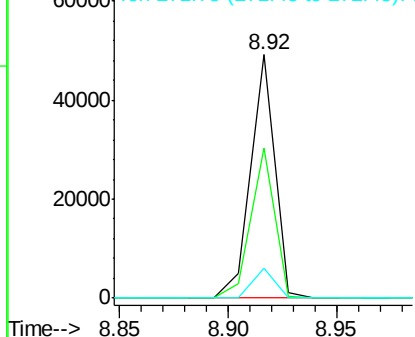
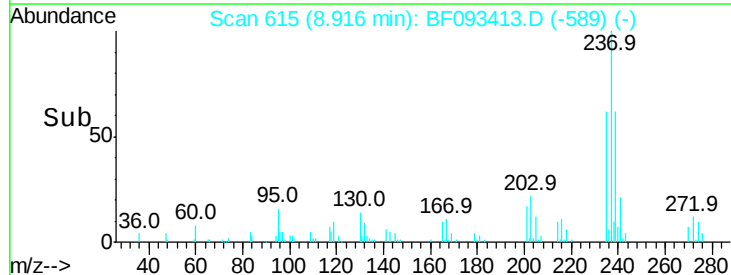


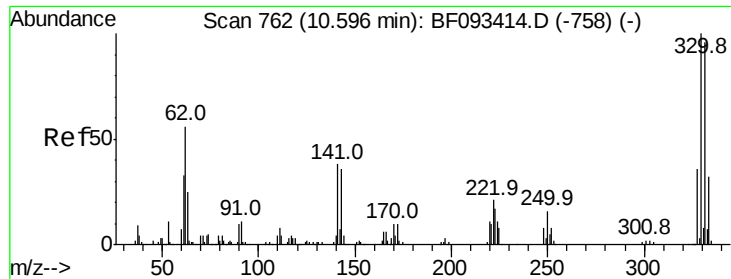
#40
 Hexachlorocyclopentadiene
 Concen: 6.92 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion:	237	Resp:	37945
Ion	Ratio	Lower	Upper
237	100		
235	61.8	41.2	81.2
272	12.1	0.0	35.4



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

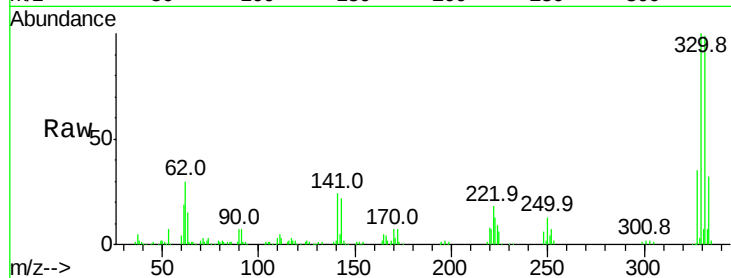




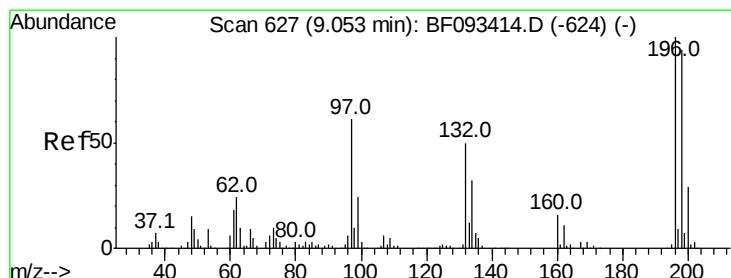
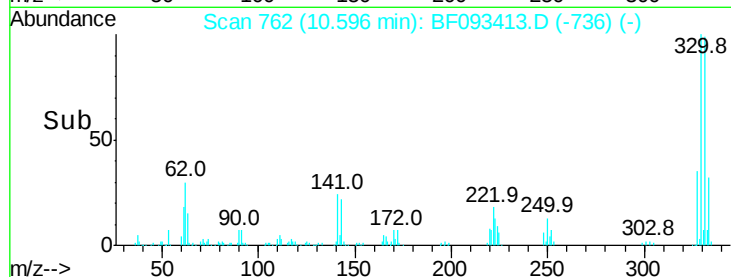
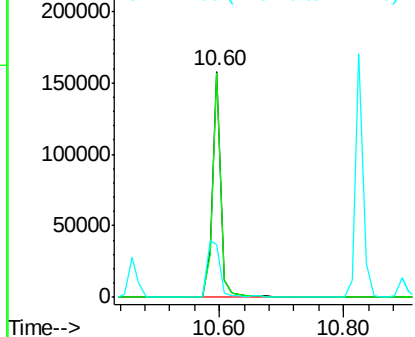
#41
 2,4,6-Tribromophenol
 Concen: 47.47 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:330 Resp: 148633
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 38.5 34.1 51.1

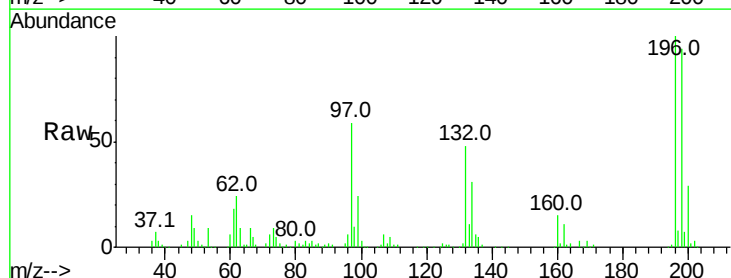


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

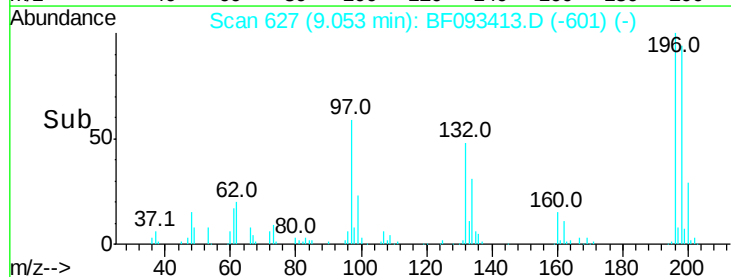
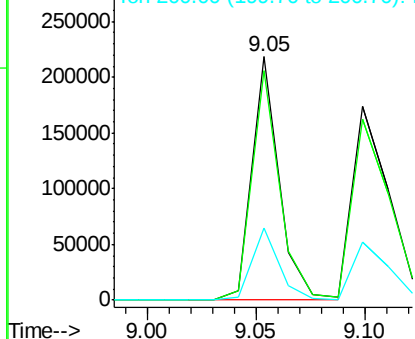


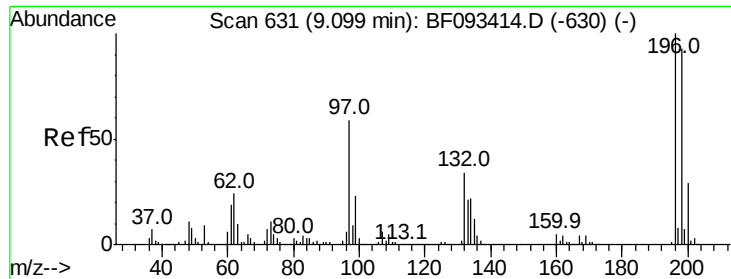
#42
 2,4,6-Trichlorophenol
 Concen: 23.88 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion:196 Resp: 190695
 Ion Ratio Lower Upper
 196 100
 198 94.4 82.1 123.1
 200 29.4 27.0 40.4



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

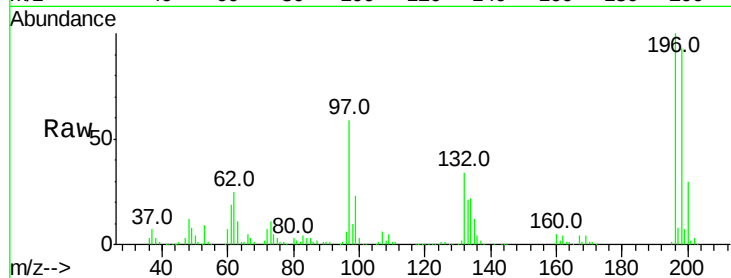




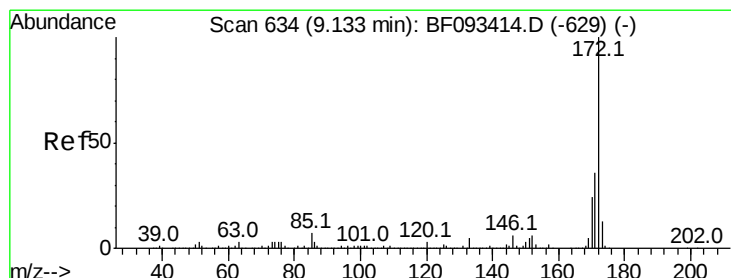
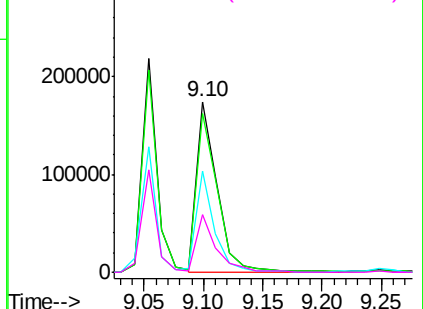
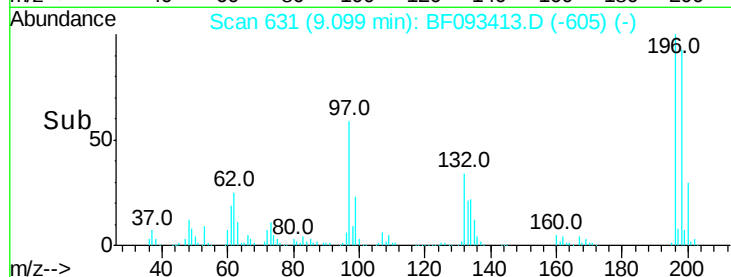
#43
 2,4,5-Trichlorophenol
 Concen: 24.10 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:196 Resp: 210816
 Ion Ratio Lower Upper
 196 100
 198 93.4 79.4 119.2
 97 59.4 51.5 77.3
 132 33.9 27.4 41.2

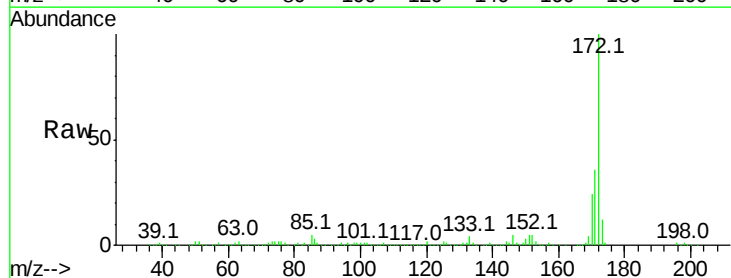


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

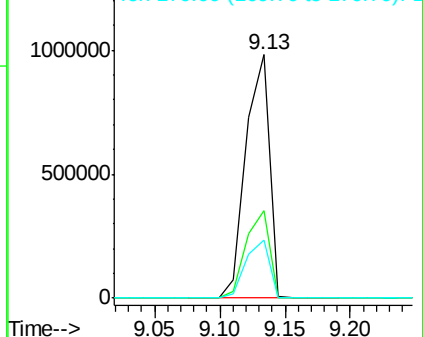
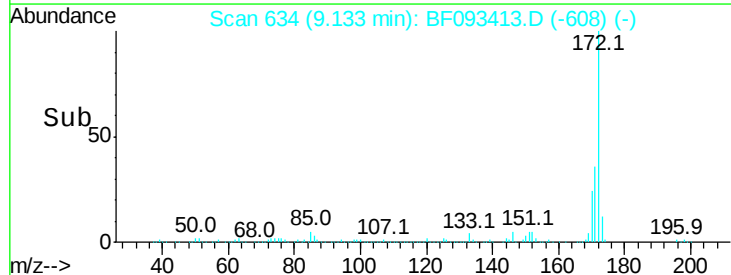


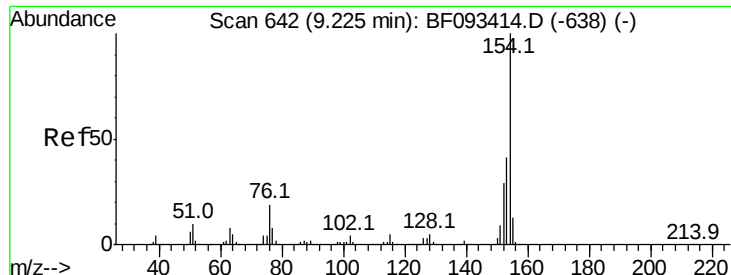
#44
 2-Fluorobiphenyl
 Concen: 51.59 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion:172 Resp: 1232650
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.9 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 24.62 ng

RT: 9.22 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

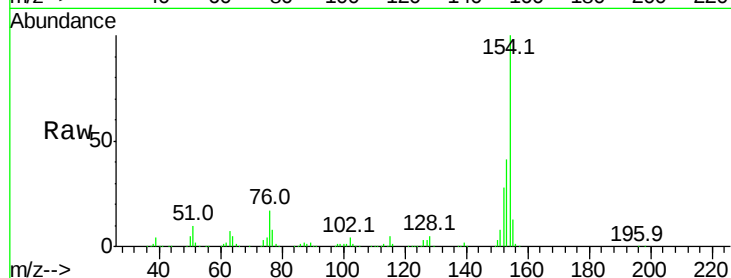
Tot Ion:154 Resp: 771826

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

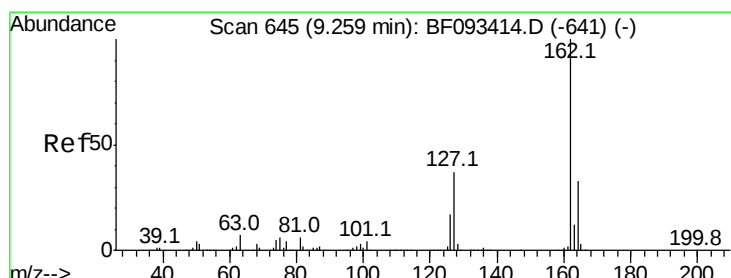
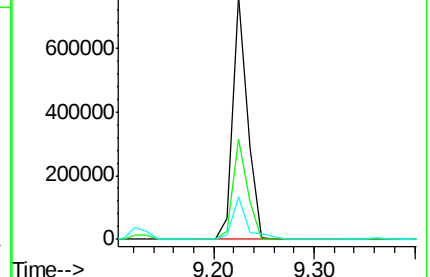
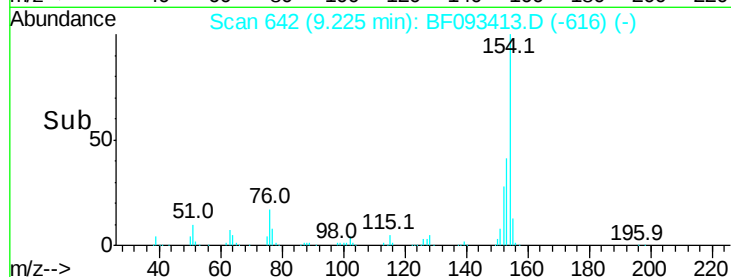
76 17.4 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 25.20 ng

RT: 9.26 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

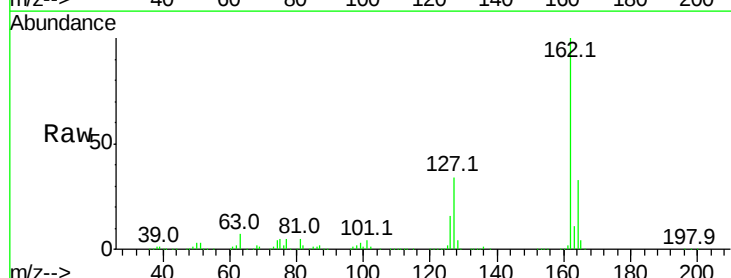
Tgt Ion:162 Resp: 617975

Ion Ratio Lower Upper

162 100

127 34.2 30.7 46.1

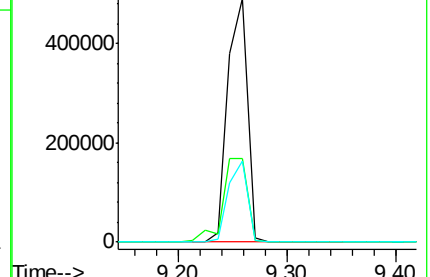
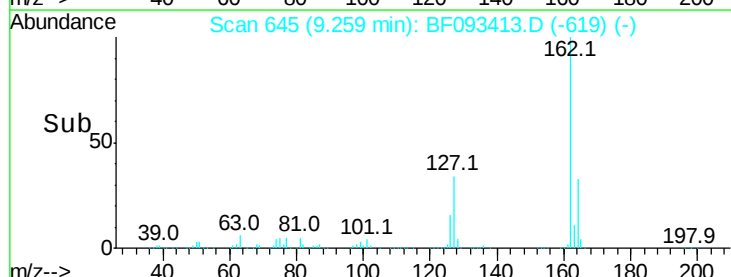
164 33.4 27.6 41.4

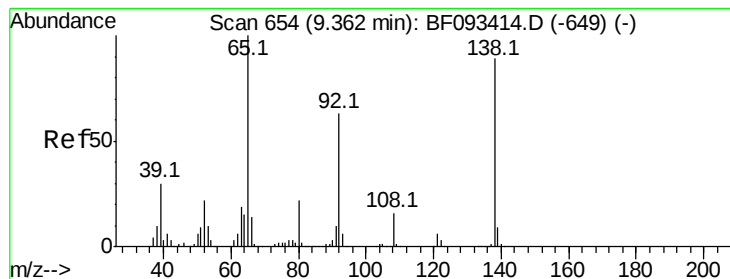


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 28.72 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

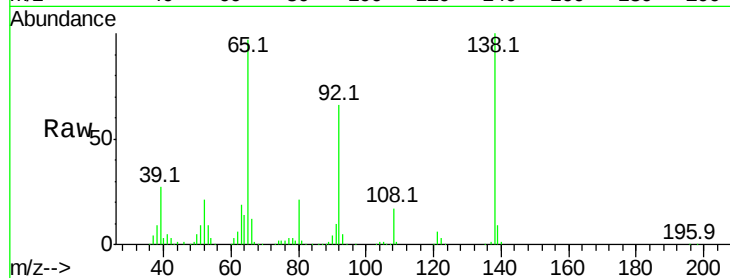
Tot Ion: 65 Resp: 236743

Ion Ratio Lower Upper

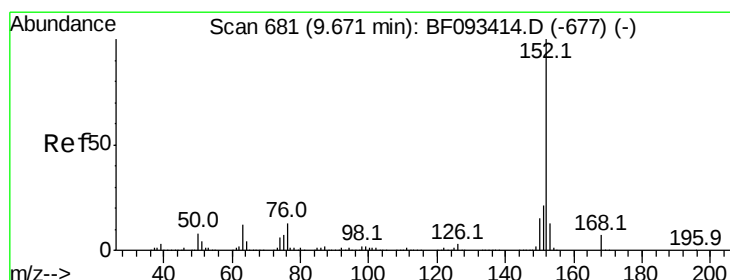
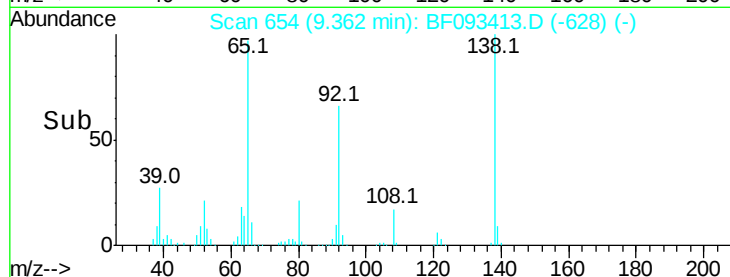
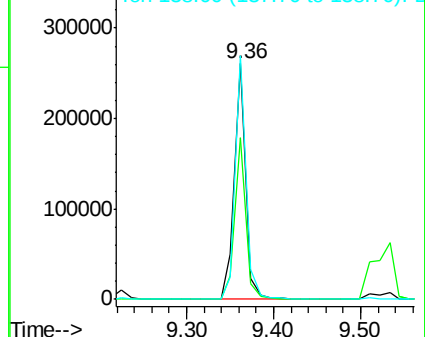
65 100

92 68.5 53.9 80.9

138 103.3 76.8 115.2



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



#48

Acenaphthylene

Concen: 24.42 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

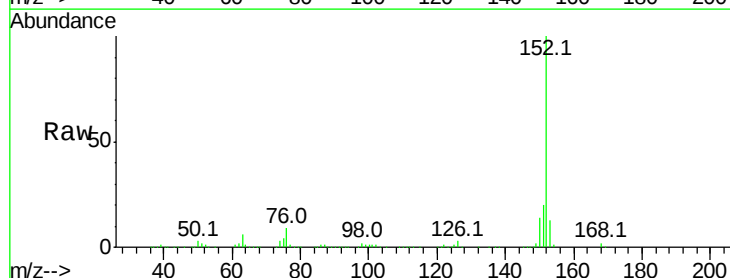
Tgt Ion: 152 Resp: 1034444

Ion Ratio Lower Upper

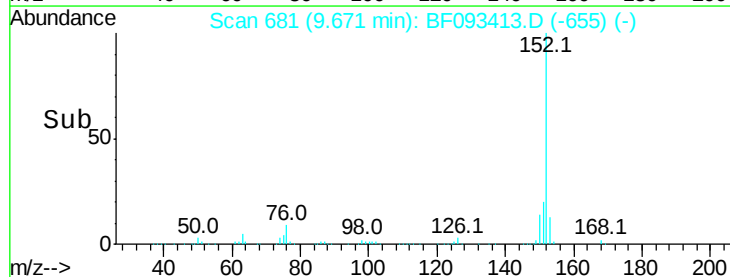
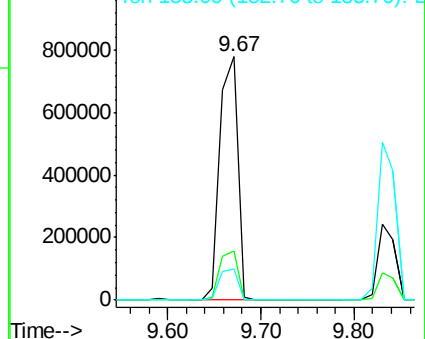
152 100

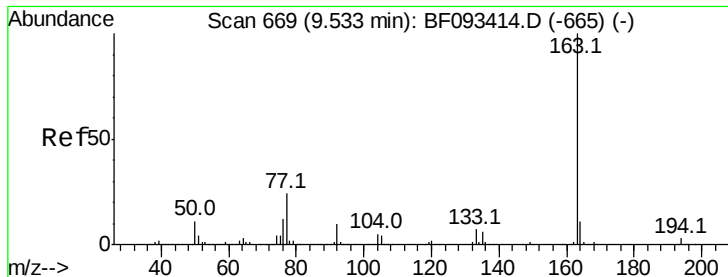
151 20.2 16.9 25.3

153 12.7 11.4 17.2



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

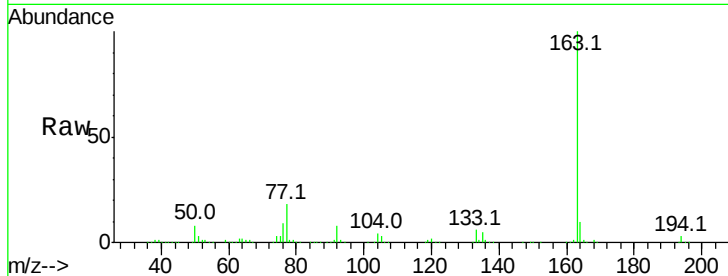




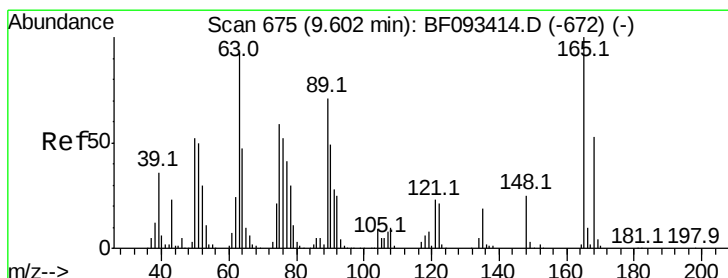
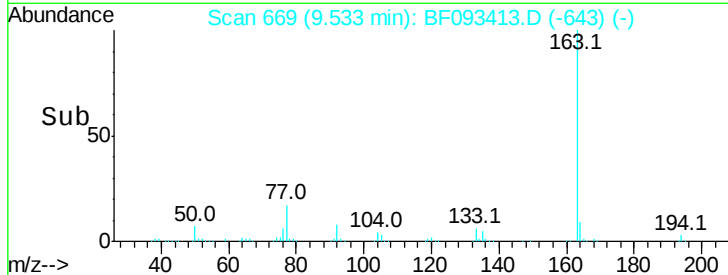
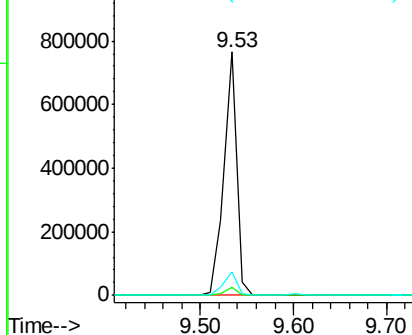
#49
Dimethylphthalate
Concen: 24.87 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:163 Resp: 725045
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.8 8.0 12.0

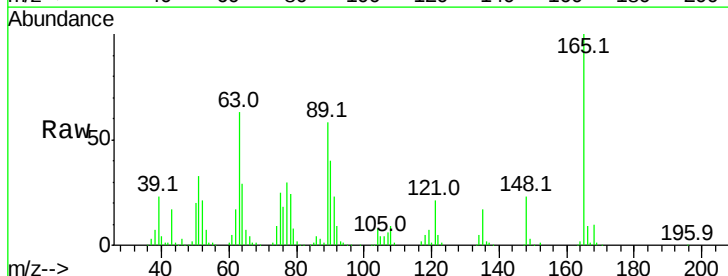


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

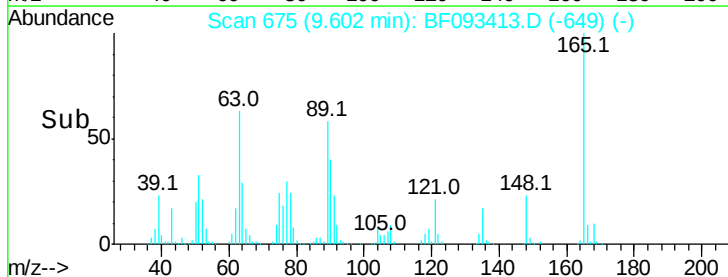
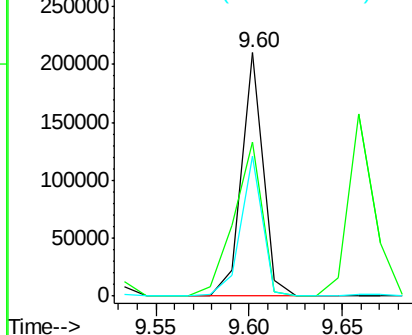


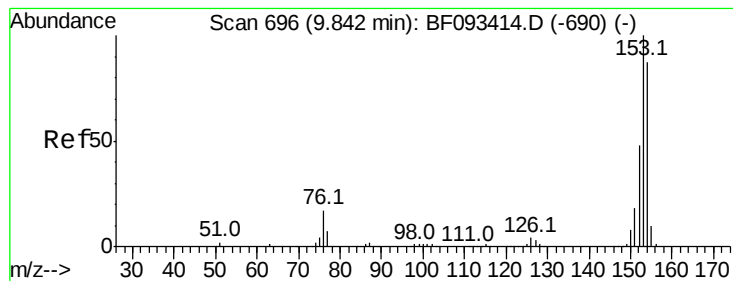
#50
2,6-Dinitrotoluene
Concen: 26.98 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion:165 Resp: 169908
Ion Ratio Lower Upper
165 100
63 63.3 36.2 54.4#
89 57.7 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 22.84 ng

RT: 9.83 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

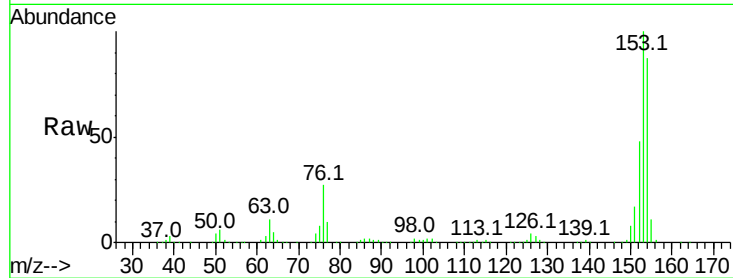
Tot Ion:154 Resp: 578552

Ion Ratio Lower Upper

154 100

153 115.1 88.6 133.0

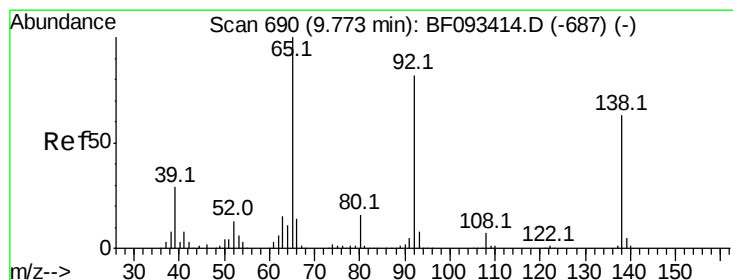
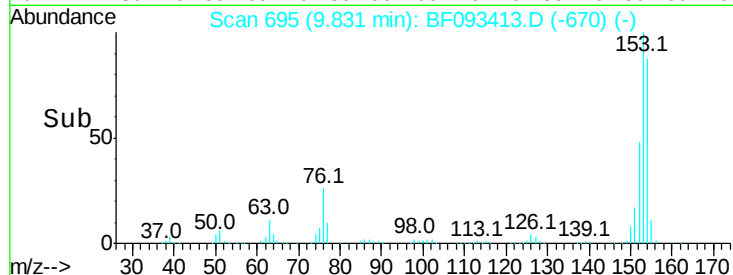
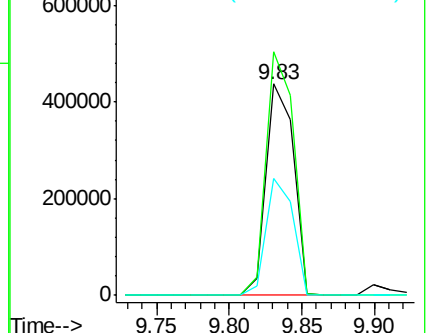
152 55.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.62 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

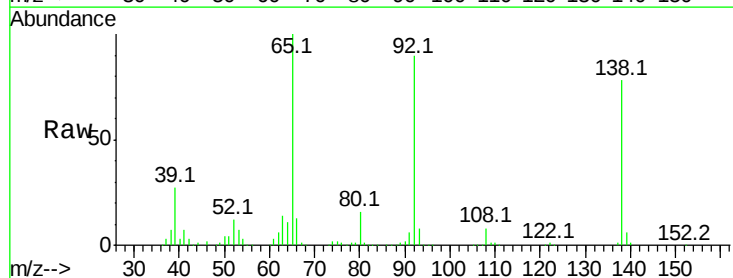
Tgt Ion:138 Resp: 206205

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

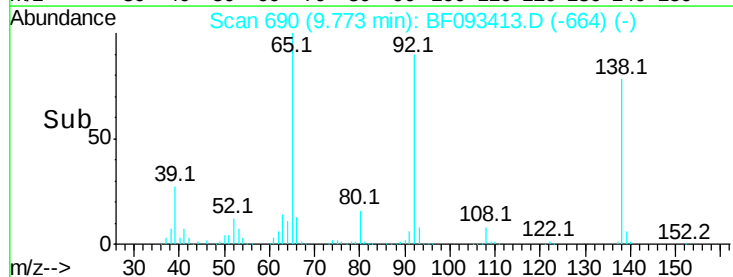
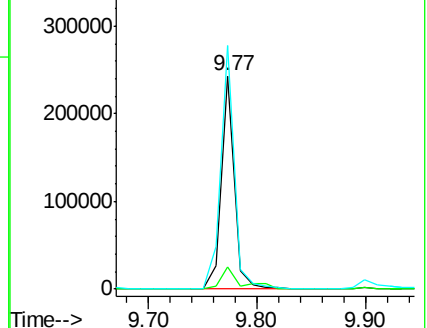
92 114.4 97.8 146.8

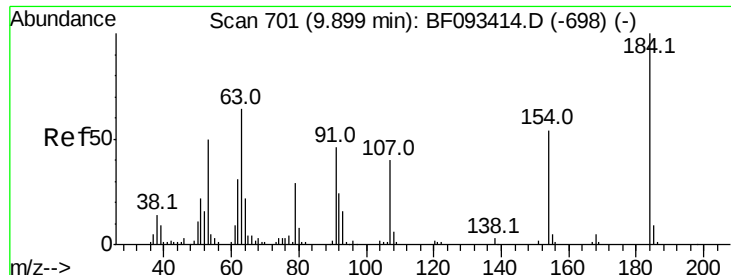


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

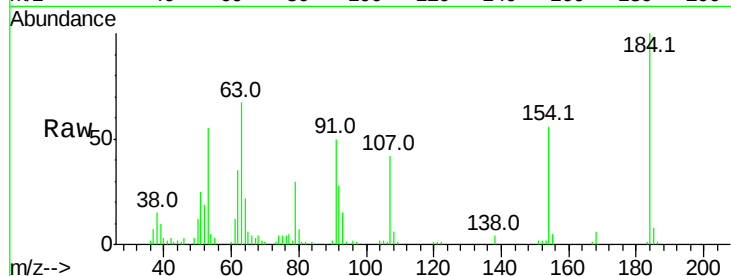




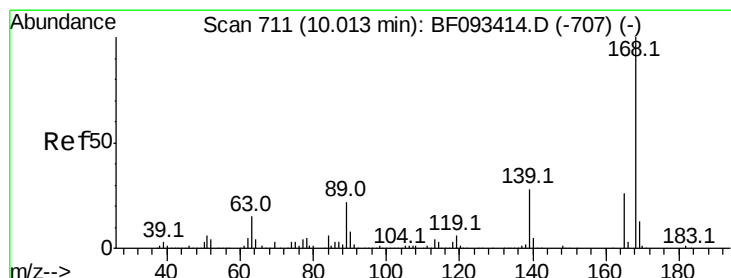
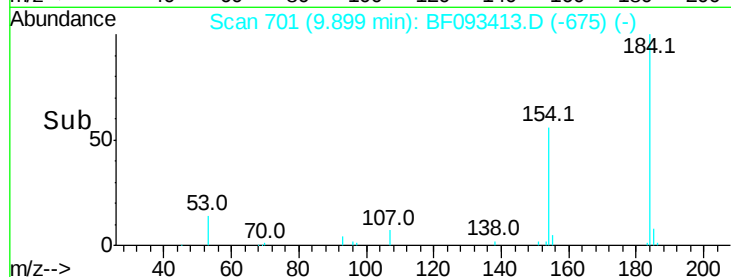
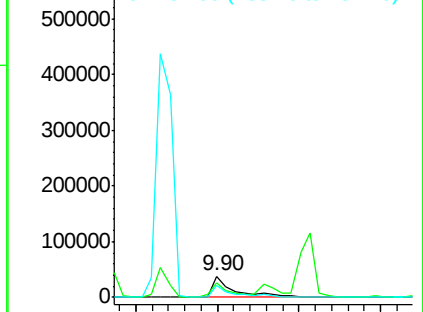
#53
2,4-Dinitrophenol
Concen: 24.79 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:184 Resp: 69692
Ion Ratio Lower Upper
184 100
63 67.2 28.4 42.6#
154 56.2 44.3 66.5

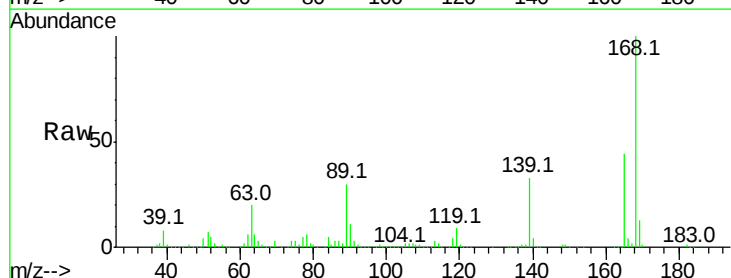


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

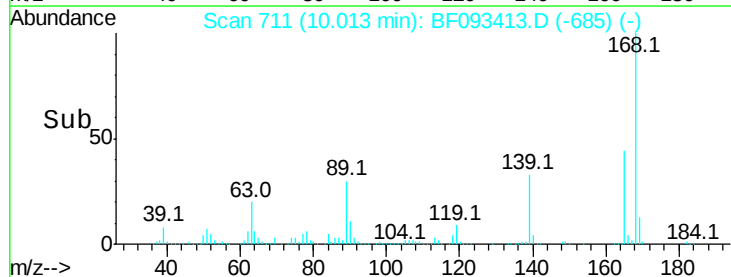
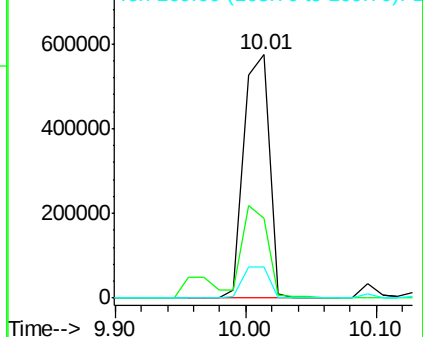


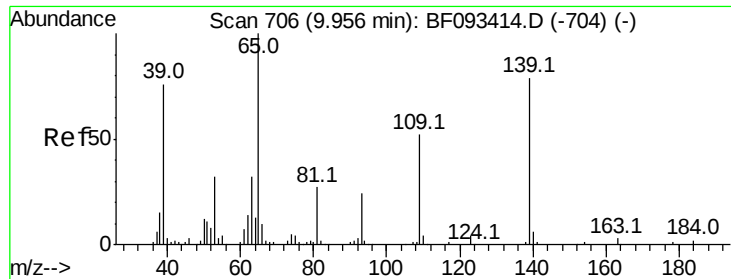
#54
Dibenzofuran
Concen: 22.97 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion:168 Resp: 777915
Ion Ratio Lower Upper
168 100
139 32.5 32.6 49.0#
169 12.8 11.3 16.9



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





#55

4-Nitrophenol

Concen: 75.36 ng

RT: 10.00 min Scan# 710

Delta R.T. 0.05 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

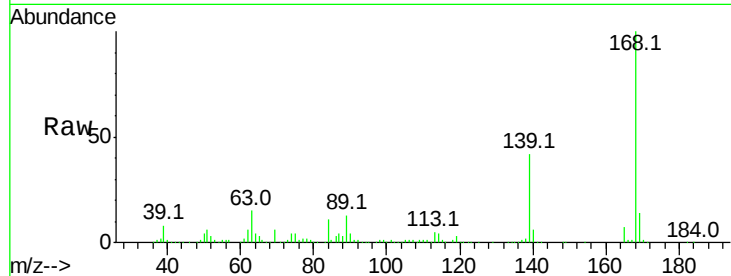
Tot Ion:139 Resp: 391111

Ion Ratio Lower Upper

139 100

109 2.5 52.2 92.2#

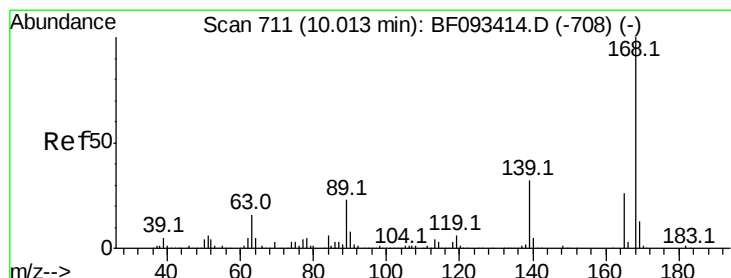
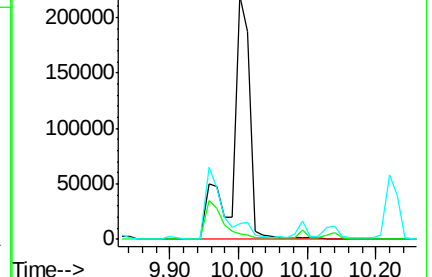
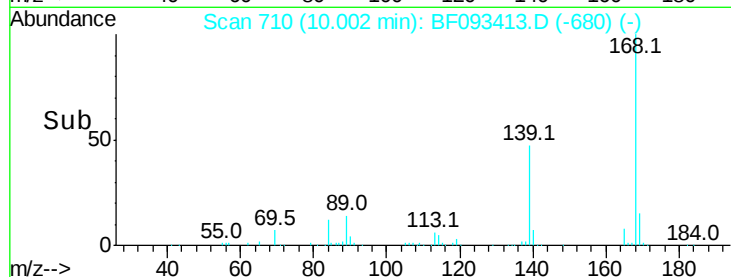
65 6.3 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 25.57 ng

RT: 10.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:165 Resp: 214325

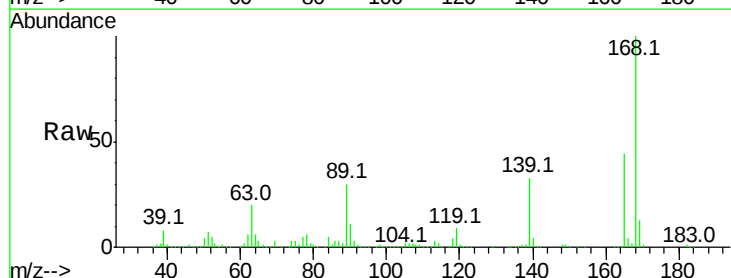
Ion Ratio Lower Upper

165 100

63 45.8 40.2 60.4

89 68.6 62.5 93.7

182 2.5 1.8 2.8

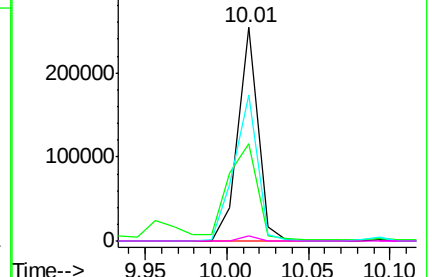
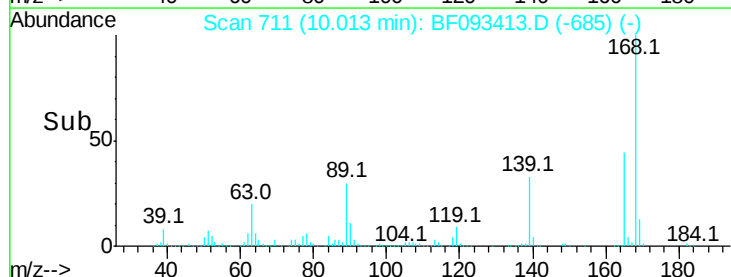


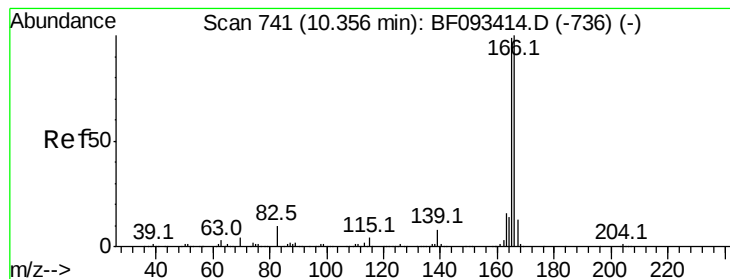
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 24.91 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

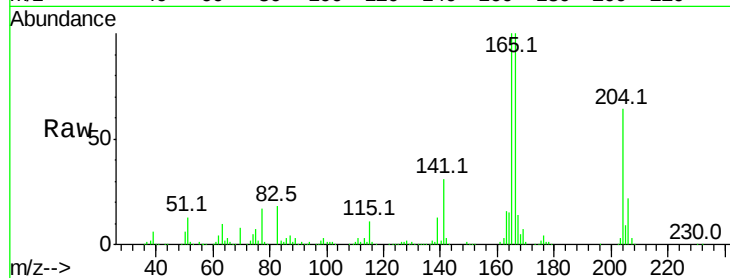
Tot Ion:166 Resp: 649228

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.8

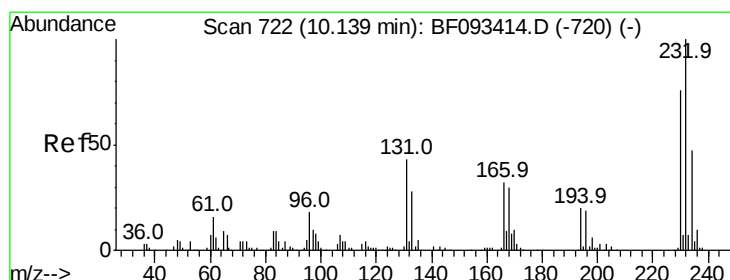
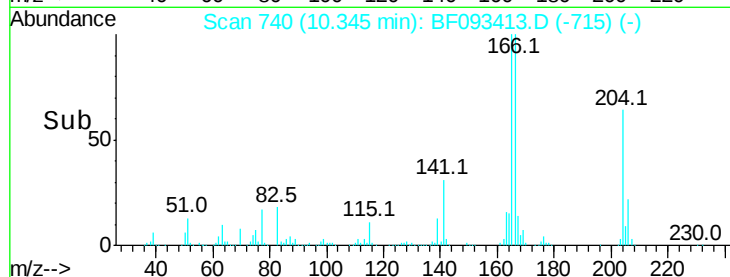
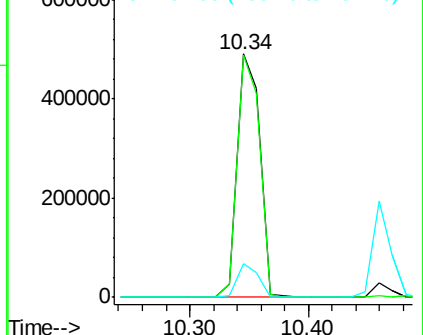
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.81 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Tgt Ion:232 Resp: 144806

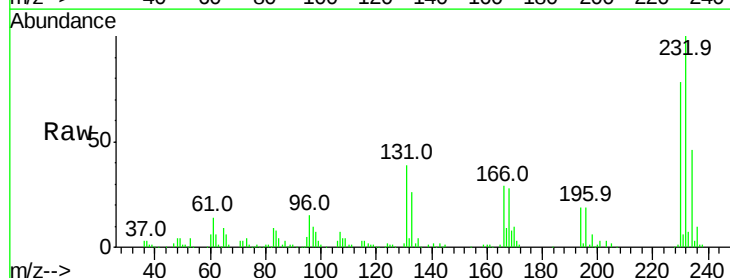
Ion Ratio Lower Upper

232 100

131 46.4 40.1 60.1

130 2.1 1.8 2.8

166 28.9 26.6 39.8

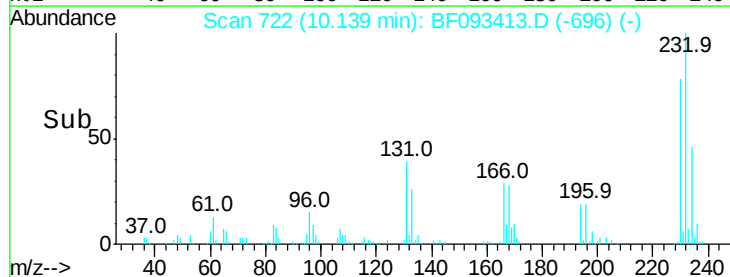
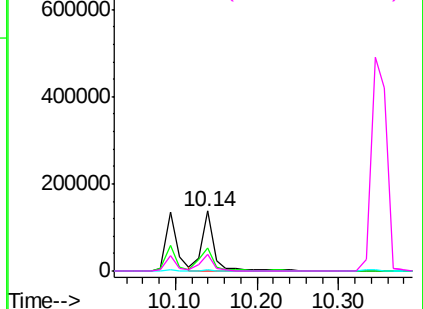


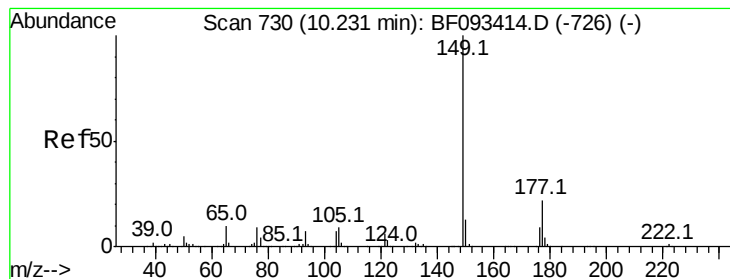
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 25.47 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

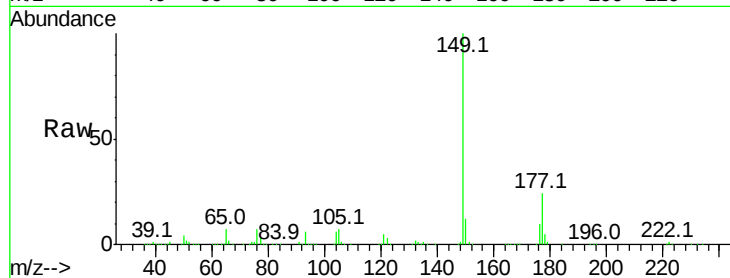
Tot Ion:149 Resp: 699794

Ion Ratio Lower Upper

149 100

177 24.5 16.6 25.0

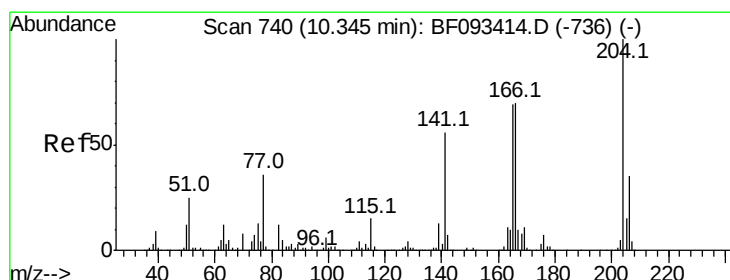
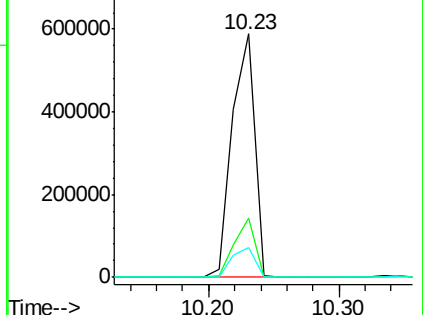
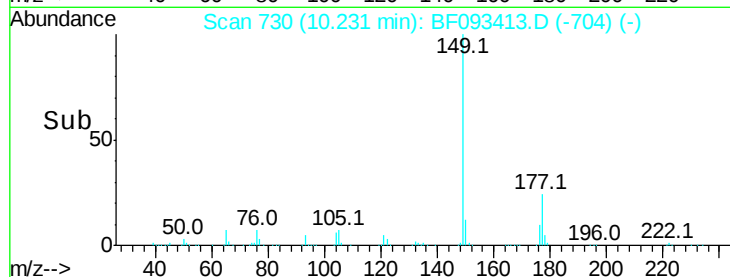
150 12.3 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 25.26 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

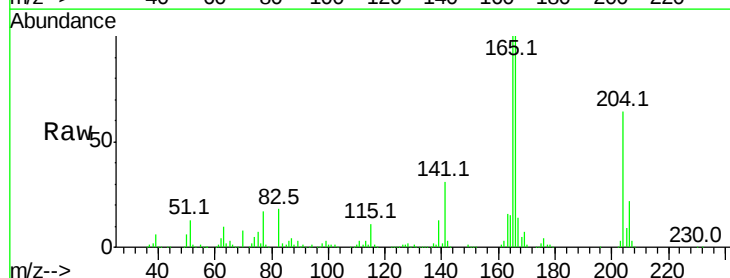
Tgt Ion:204 Resp: 316259

Ion Ratio Lower Upper

204 100

206 34.8 25.8 38.6

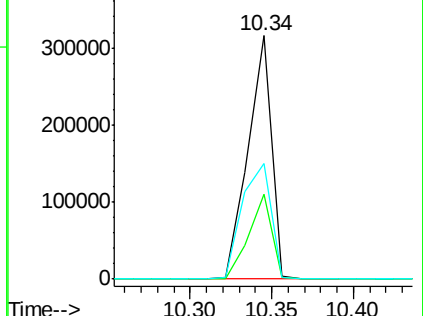
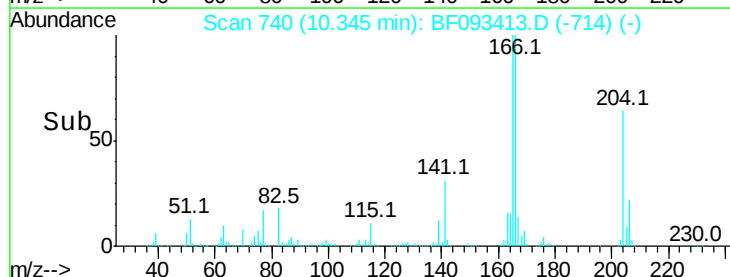
141 47.6 59.4 89.0#

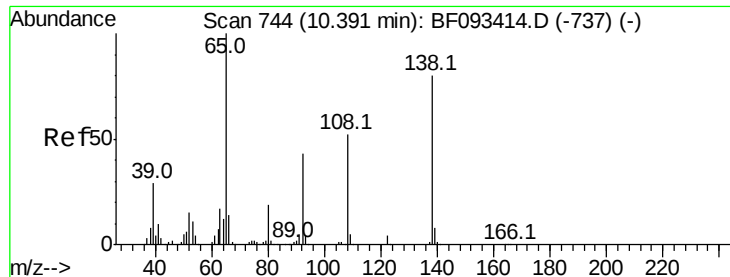


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

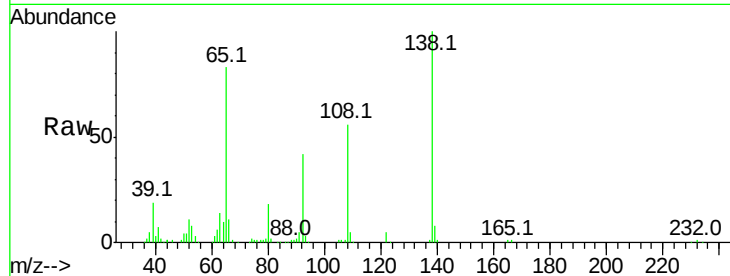




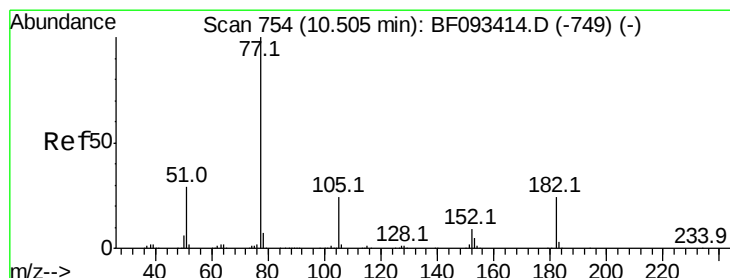
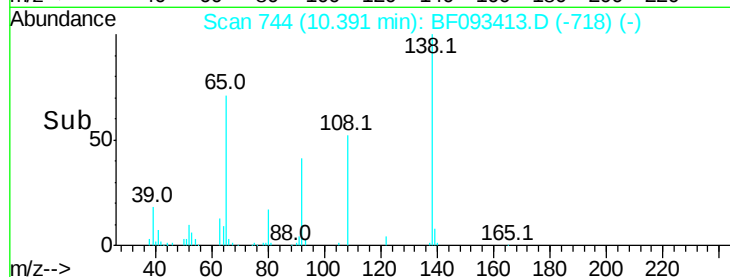
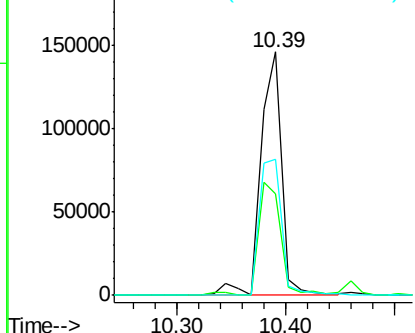
#61
4-Nitroaniline
Concen: 26.49 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:138 Resp: 195487
Ion Ratio Lower Upper
138 100
92 41.6 31.7 71.7
108 55.8 52.6 92.6

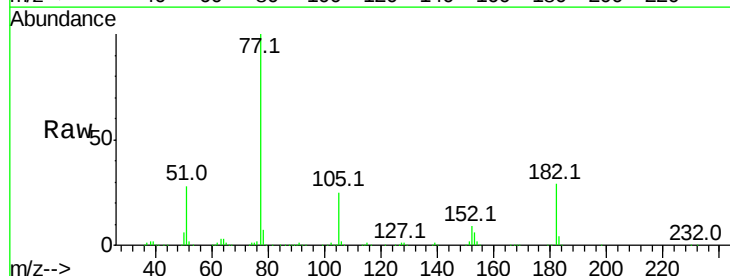


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

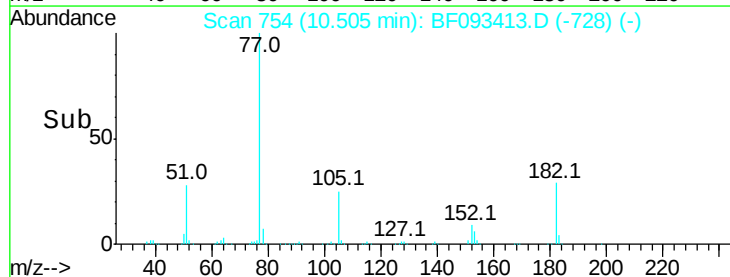
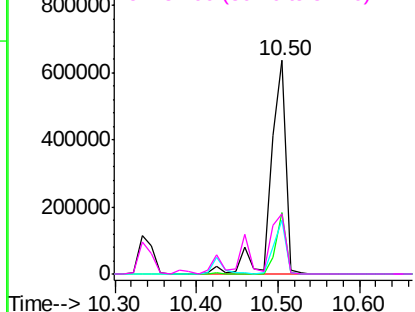


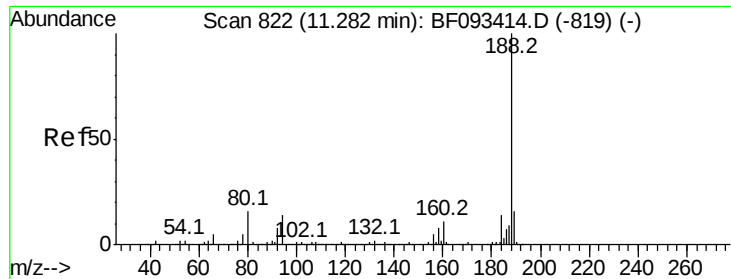
#62
Azobenzene
Concen: 29.21 ng
RT: 10.50 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion: 77 Resp: 829198
Ion Ratio Lower Upper
77 100
182 28.7 0.0 39.3
105 25.2 2.3 42.3
51 28.4 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

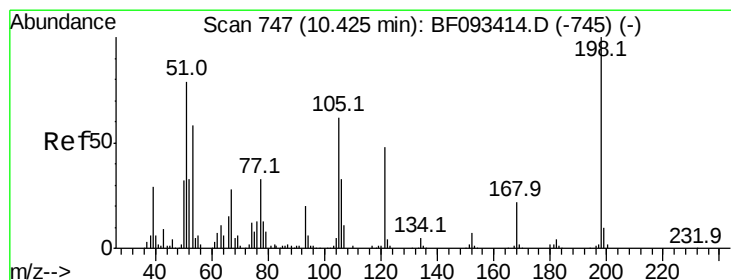
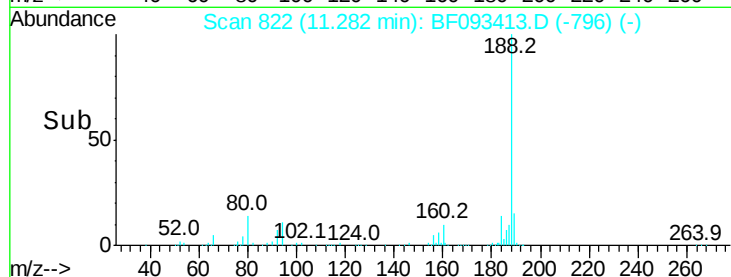
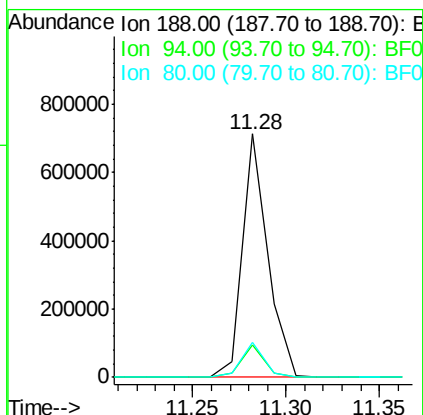
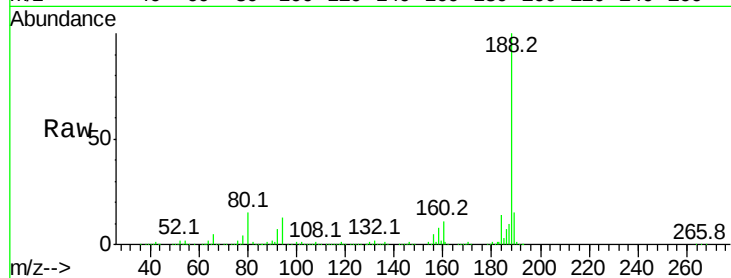




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

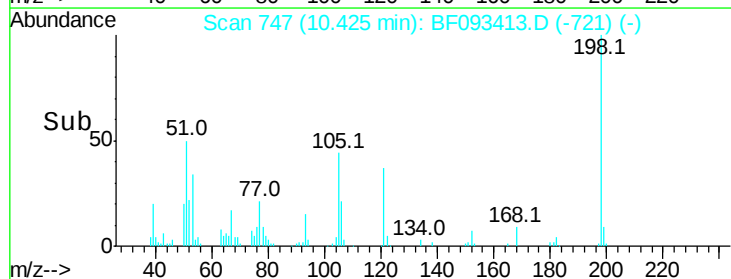
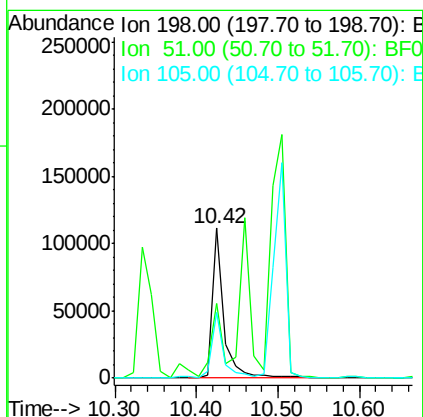
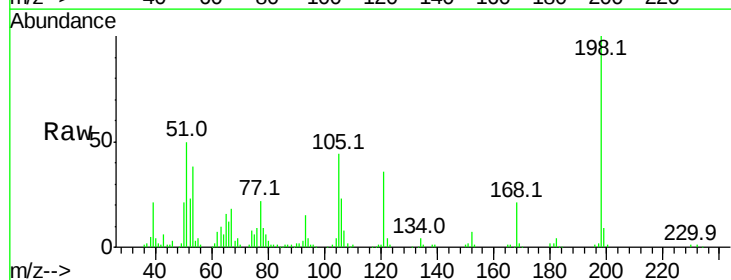
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

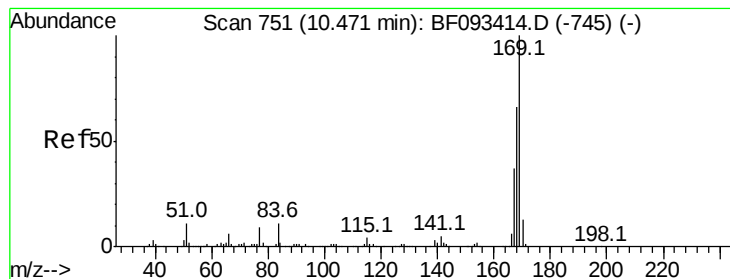
Tot Ion:188 Resp: 671376
Ion Ratio Lower Upper
188 100
94 13.2 10.0 15.0
80 14.5 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 32.08 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion:198 Resp: 111449
Ion Ratio Lower Upper
198 100
51 49.9 6.7 46.7#
105 43.6 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 26.06 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

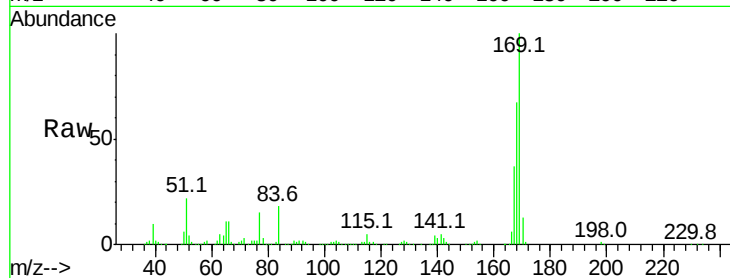
Tot Ion:169 Resp: 559000

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.2

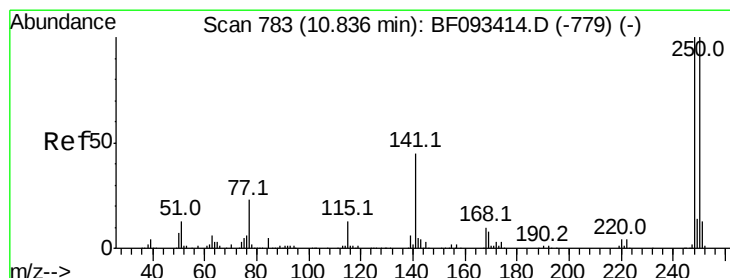
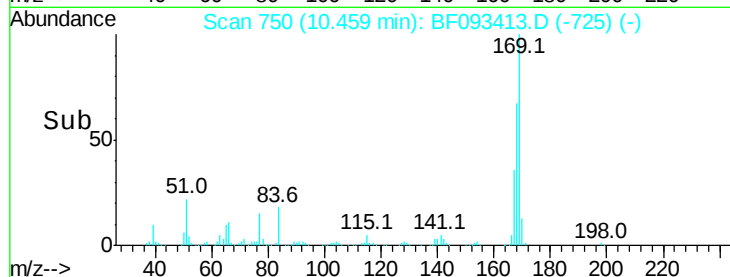
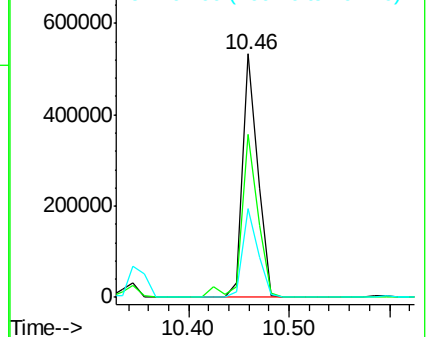
167 36.6 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 24.59 ng

RT: 10.82 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

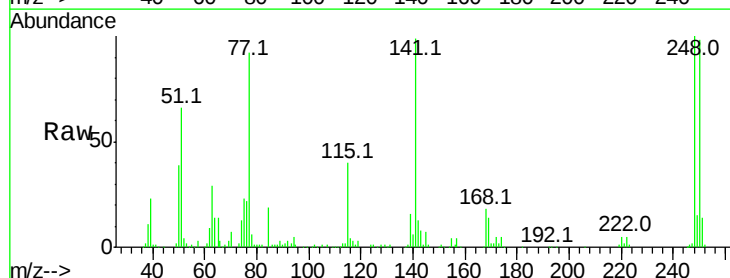
Tgt Ion:248 Resp: 172490

Ion Ratio Lower Upper

248 100

250 98.3 76.9 115.3

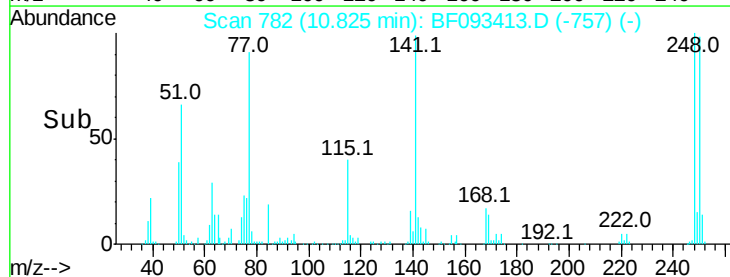
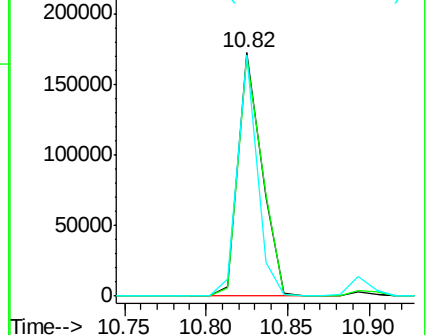
141 98.8 68.2 102.4

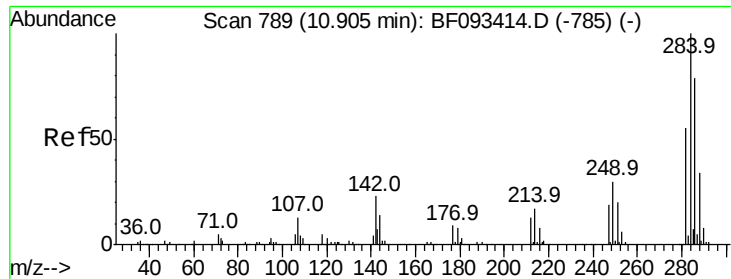


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

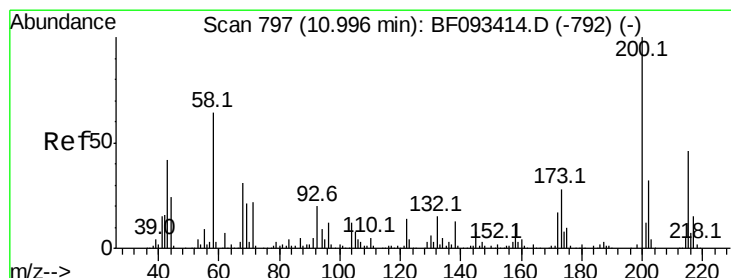
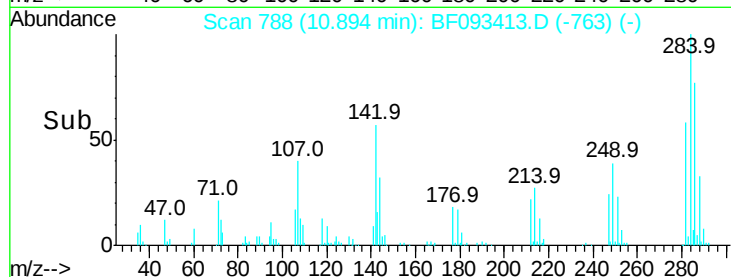
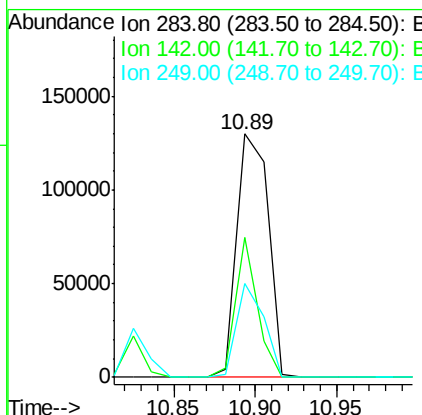
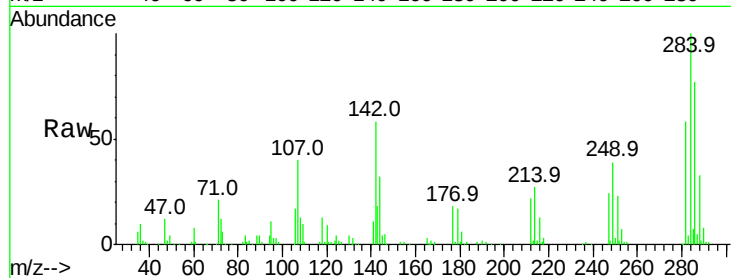




#67
Hexachlorobenzene
Concen: 24.85 ng
RT: 10.89 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

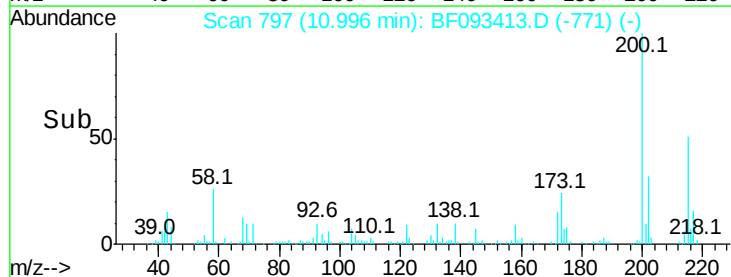
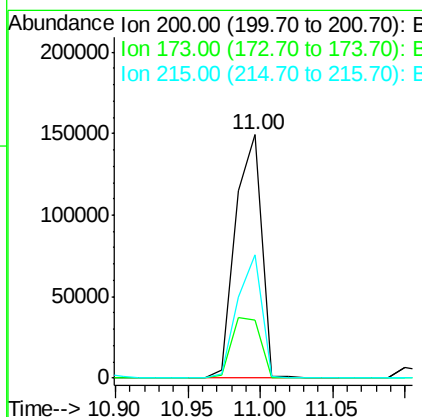
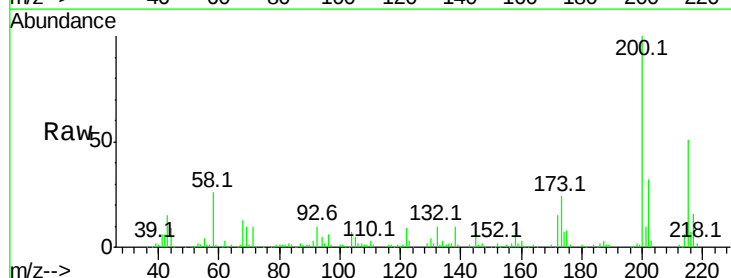
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

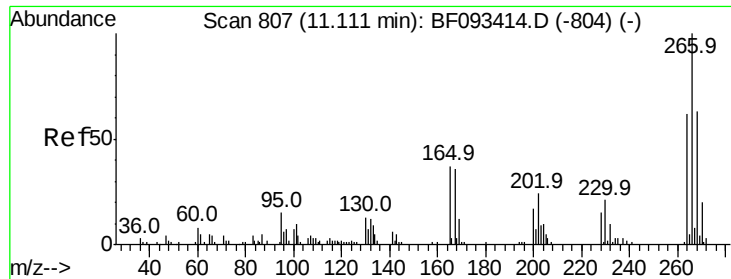
Tot Ion:284 Resp: 172236
Ion Ratio Lower Upper
284 100
142 57.5 22.6 33.8#
249 38.8 25.4 38.0#



#68
Atrazine
Concen: 27.07 ng
RT: 11.00 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion:200 Resp: 186315
Ion Ratio Lower Upper
200 100
173 23.8 9.6 49.6
215 50.6 25.7 65.7

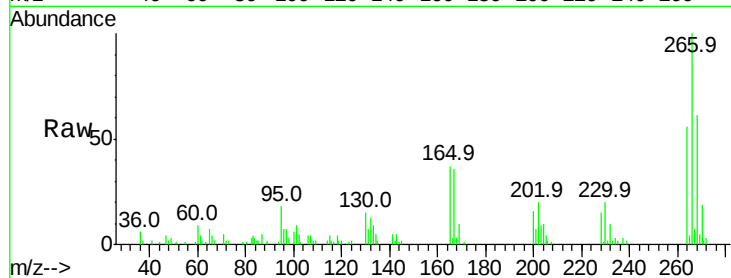




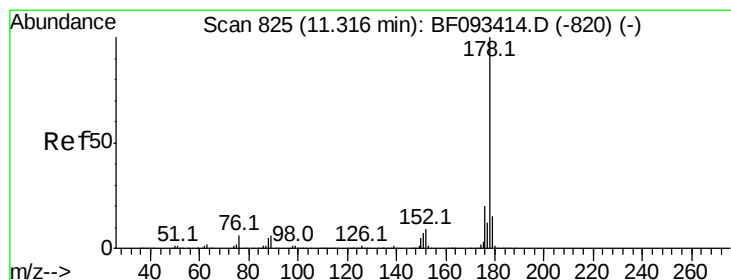
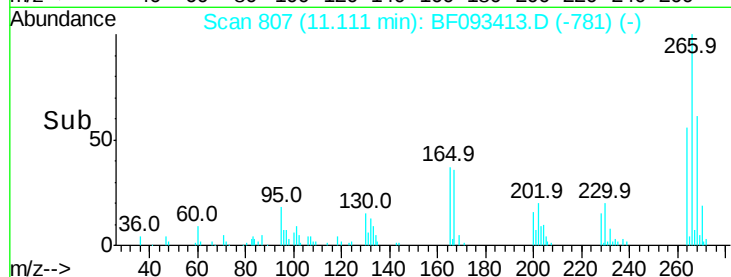
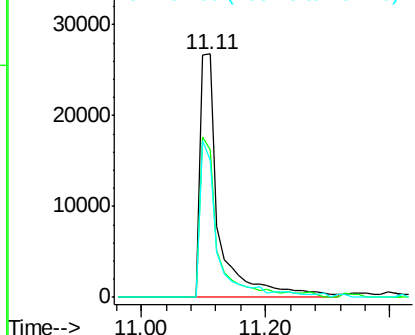
#69
 Pentachlorophenol
 Concen: 19.21 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:266 Resp: 57500
 Ion Ratio Lower Upper
 266 100
 268 60.5 53.3 79.9
 264 56.3 50.3 75.5

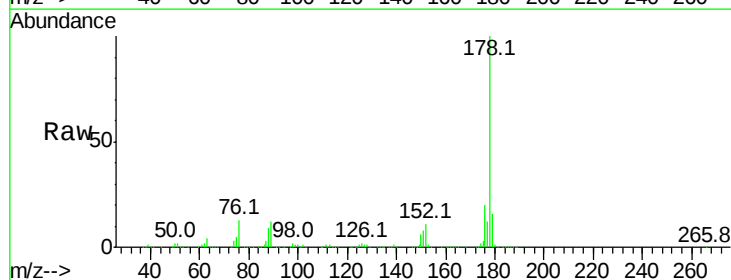


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

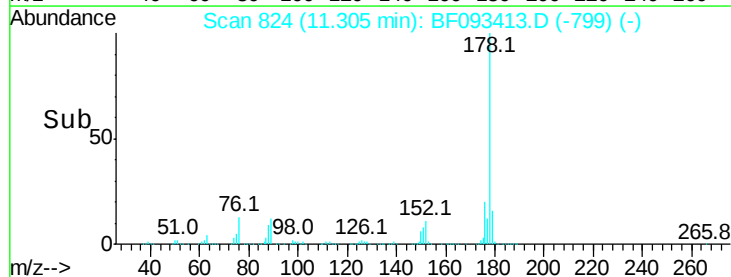
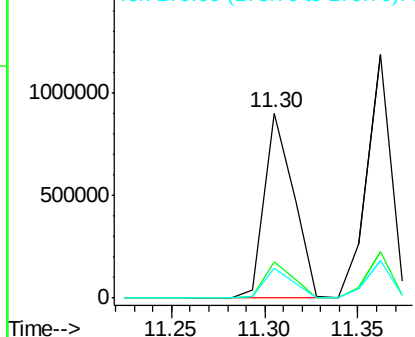


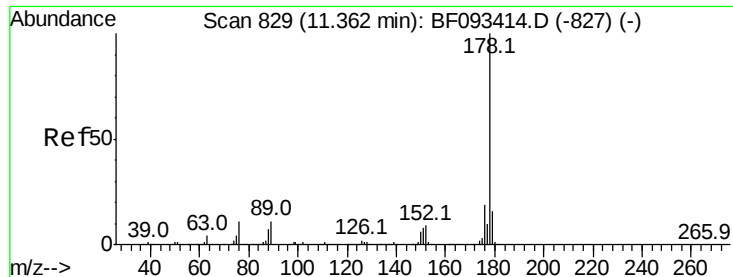
#70
 Phenanthrene
 Concen: 25.23 ng
 RT: 11.30 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion:178 Resp: 970502
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 16.1 12.8 19.2



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

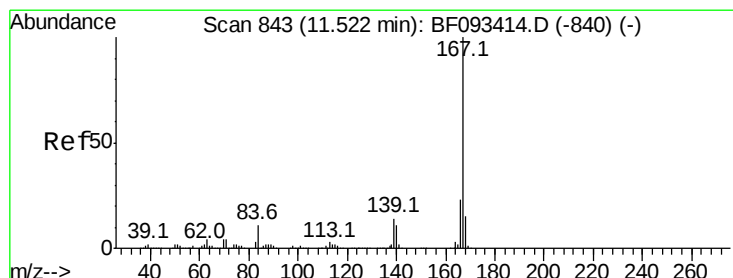
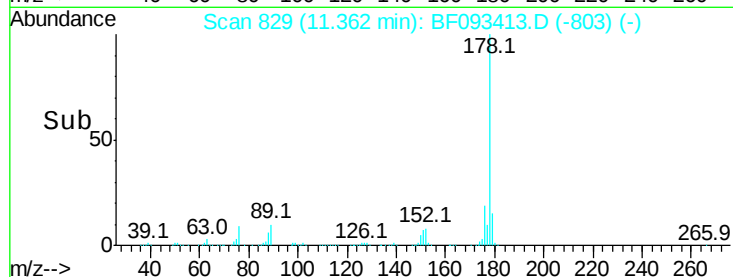
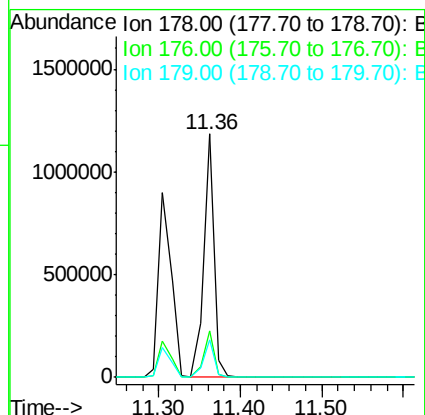
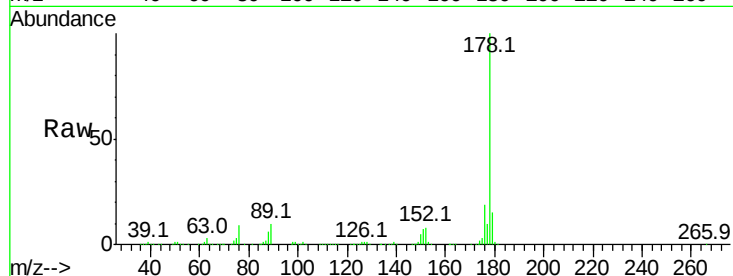




#71
 Anthracene
 Concen: 27.55 ng
 RT: 11.36 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

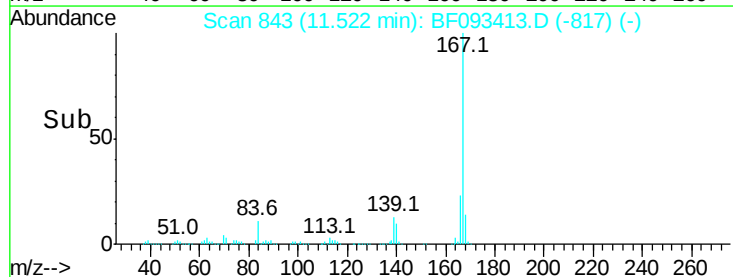
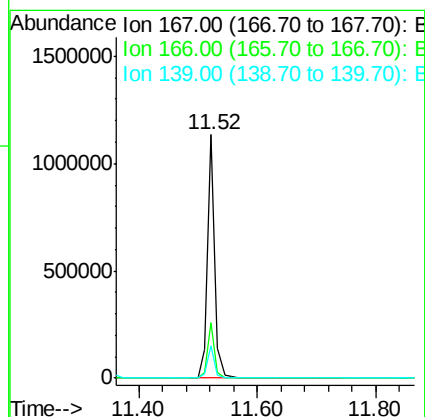
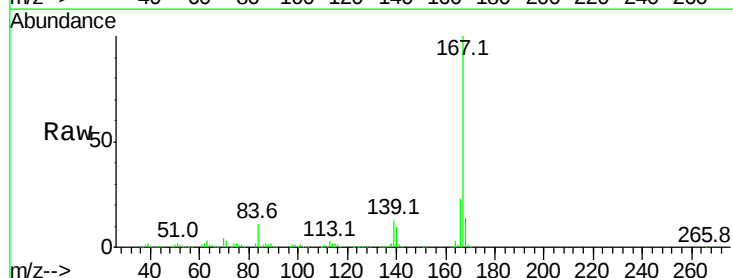
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

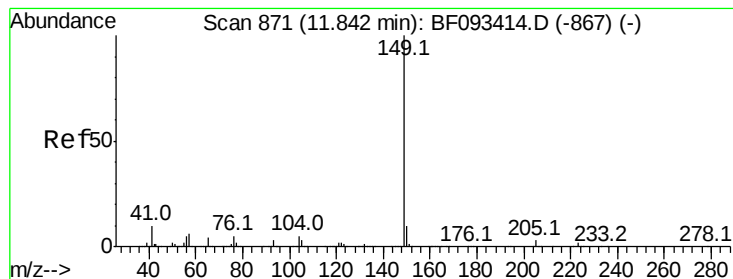
Tot Ion:178 Resp: 1064206
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.4 13.2 19.8



#72
 Carbazole
 Concen: 26.85 ng
 RT: 11.52 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion:167 Resp: 991255
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 13.2 11.4 17.2





#73

Di-n-butylphthalate

Concen: 25.78 ng

RT: 11.84 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

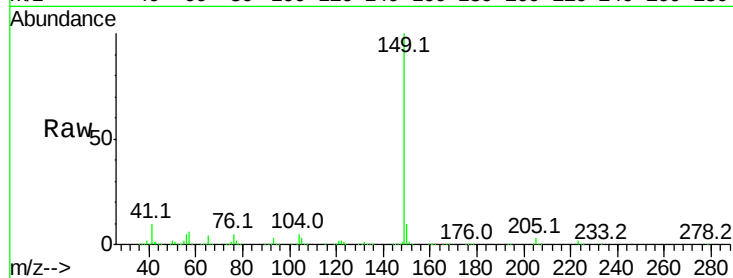
Tot Ion:149 Resp: 1029485

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

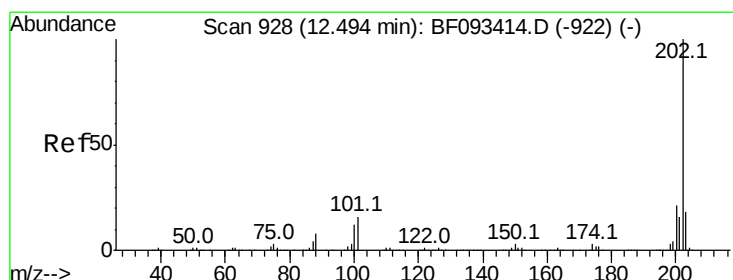
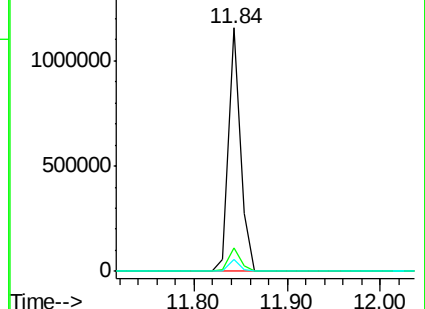
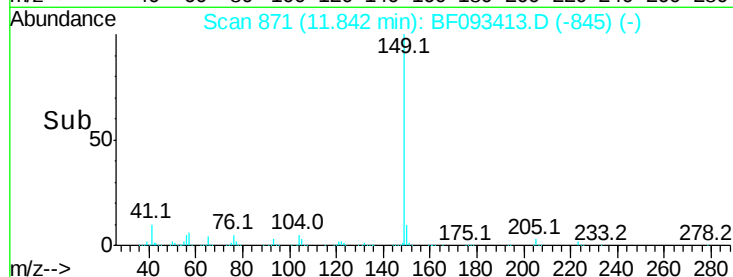
104 4.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 24.24 ng

RT: 12.49 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

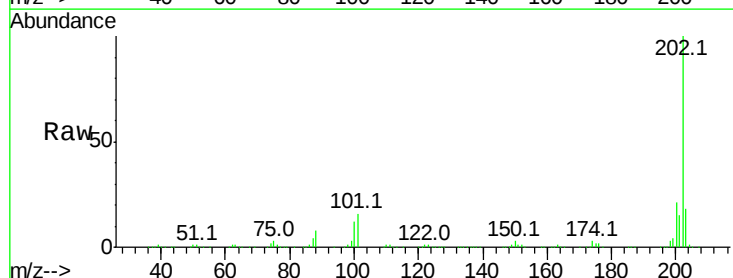
Tgt Ion:202 Resp: 961827

Ion Ratio Lower Upper

202 100

101 15.9 0.0 34.6

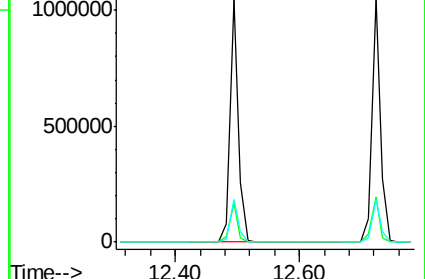
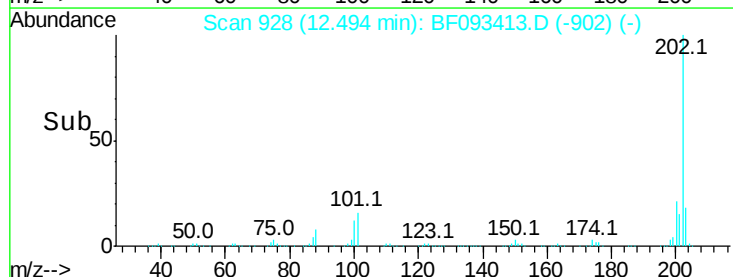
203 17.6 0.0 38.7

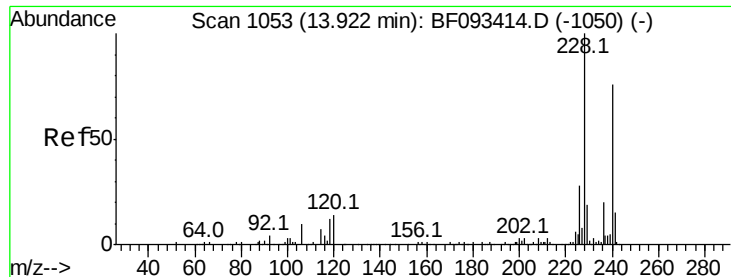


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

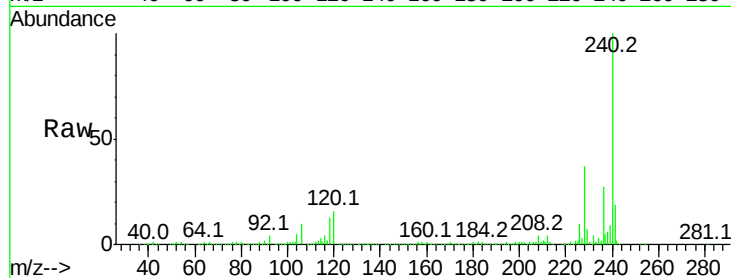
Tot Ion:240 Resp: 577066

Ion Ratio Lower Upper

240 100

120 15.5 12.9 19.3

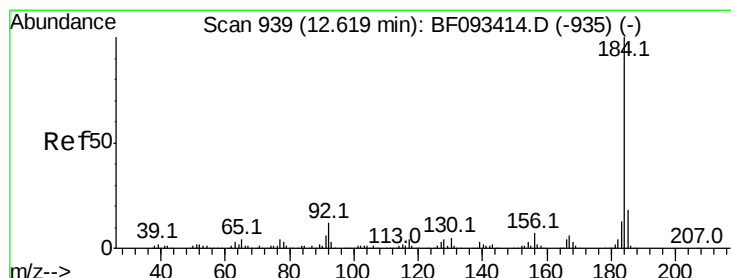
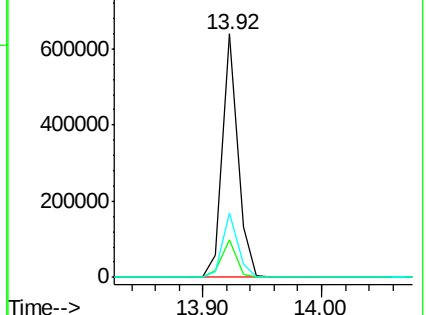
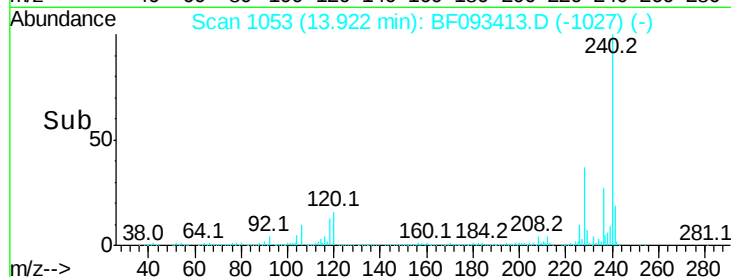
236 26.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.36 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

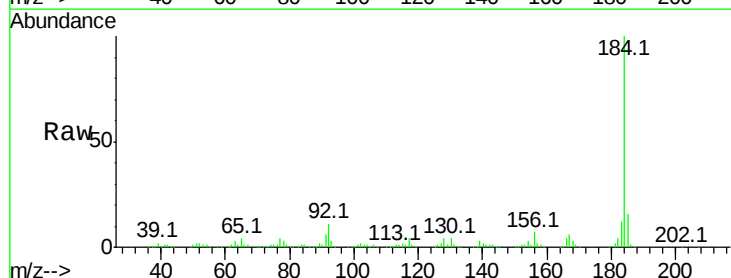
Tgt Ion:184 Resp: 525357

Ion Ratio Lower Upper

184 100

185 16.0 13.4 20.0

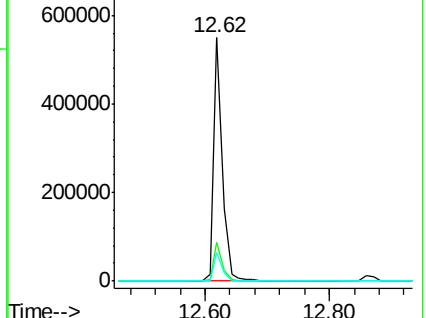
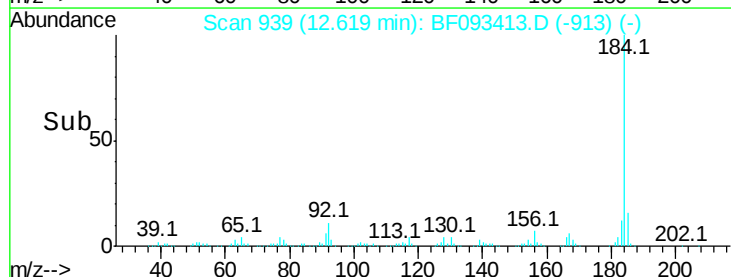
183 11.8 9.2 13.8

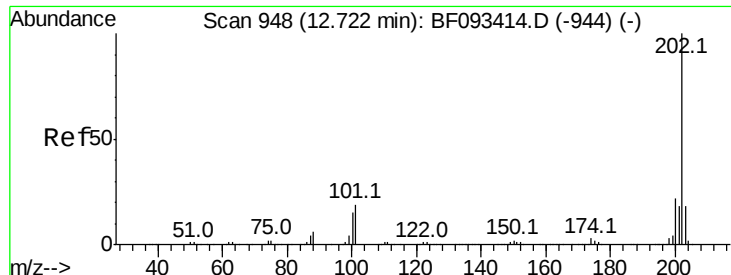


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 22.84 ng

RT: 12.72 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

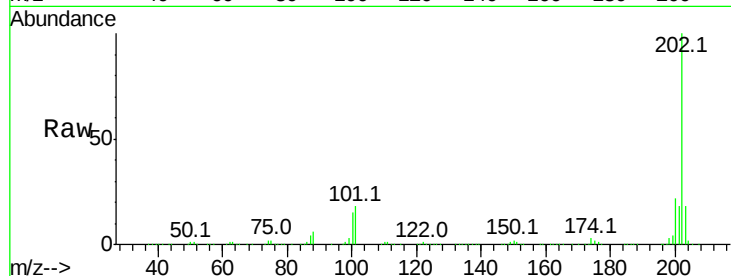
Tot Ion:202 Resp: 986492

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

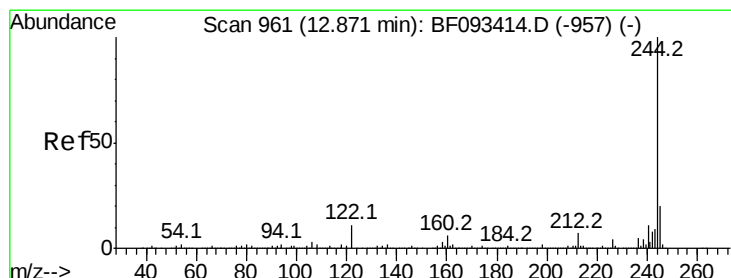
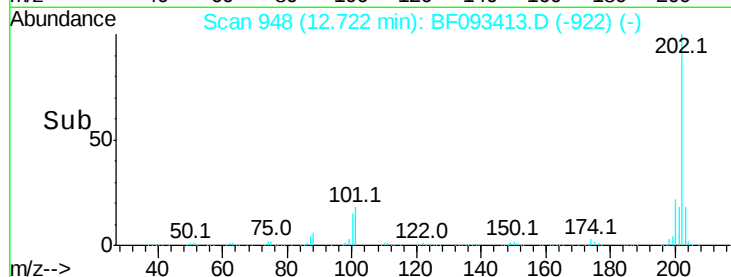
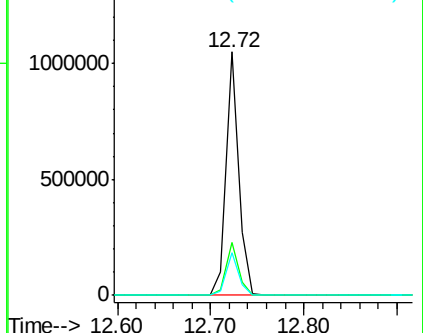
203 17.8 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 49.97 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

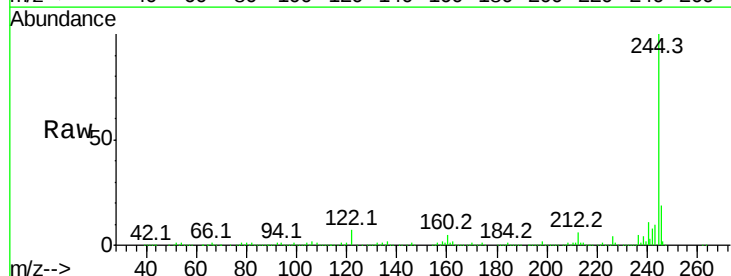
Tgt Ion:244 Resp: 1227315

Ion Ratio Lower Upper

244 100

212 6.3 6.2 9.2

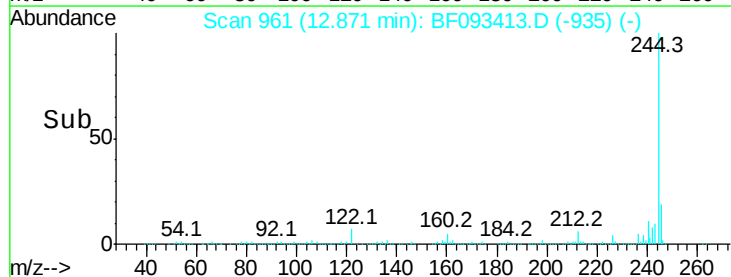
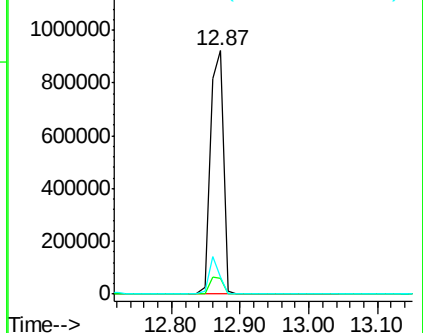
122 7.1 11.4 17.2#

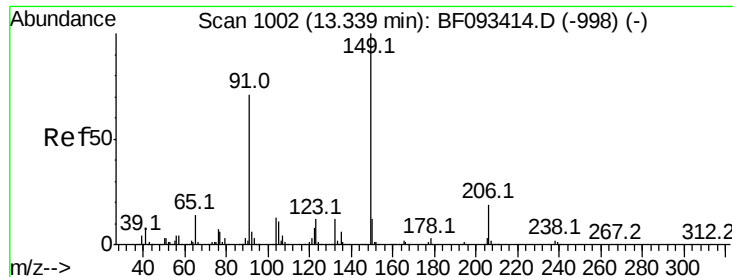


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

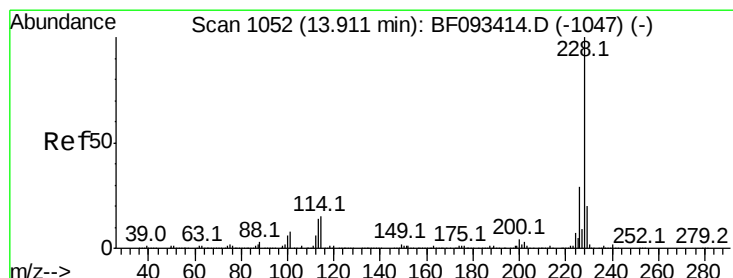
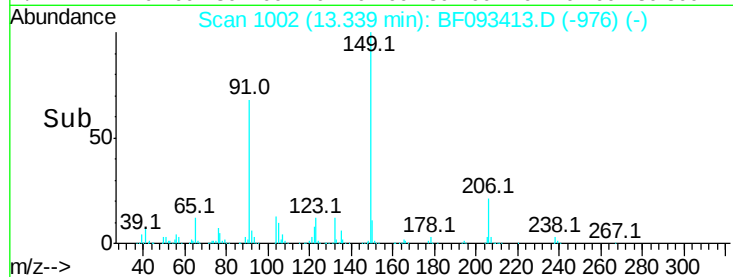
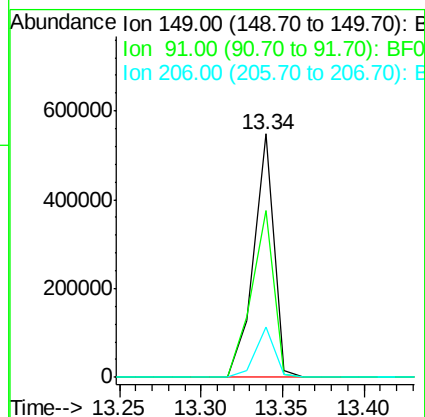
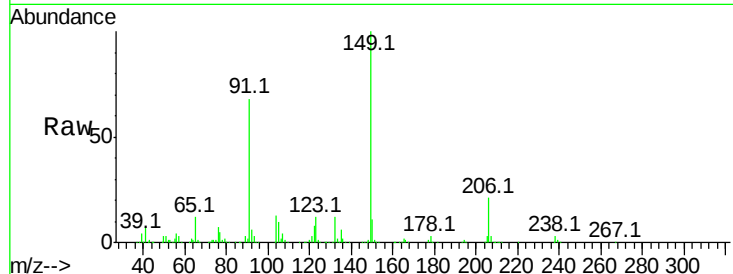




#79
 Butylbenzylphthalate
 Concen: 27.17 ng
 RT: 13.34 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

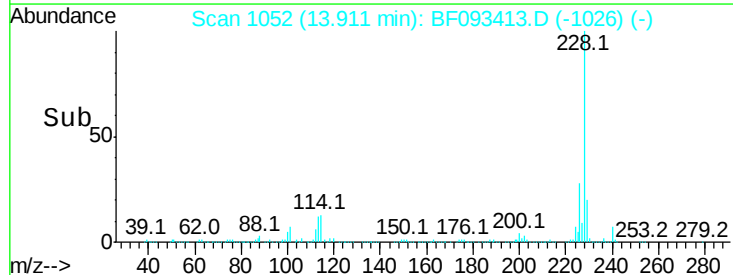
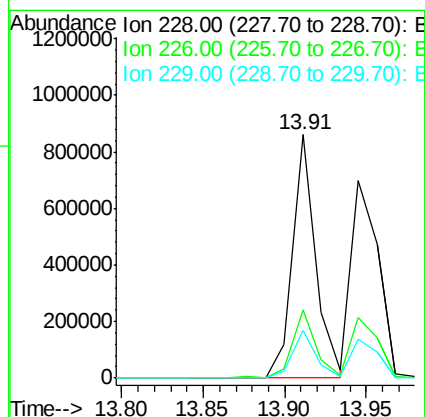
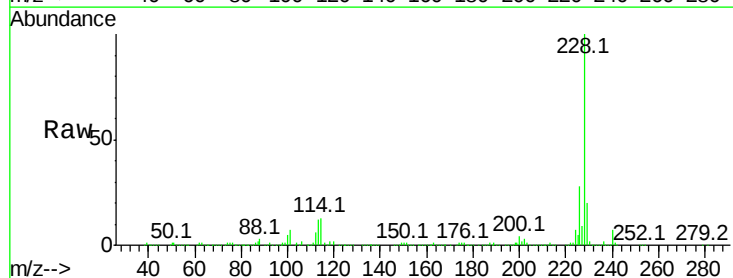
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

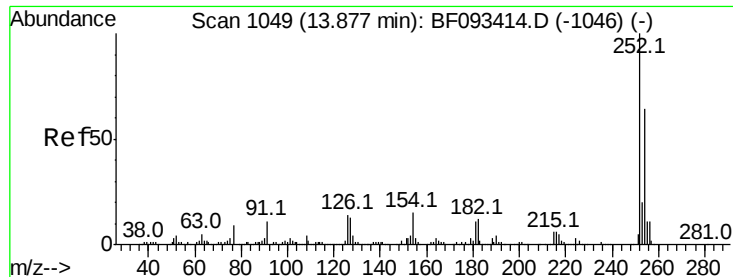
Tot Ion:	149	Resp:	476470
Ion Ratio	Lower	Upper	
149	100		
91	68.4	63.9	95.9
206	20.5	14.6	21.8



#80
 Benzo(a)anthracene
 Concen: 24.15 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion:	228	Resp:	852336
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.4	33.6
229	19.8	16.2	24.4

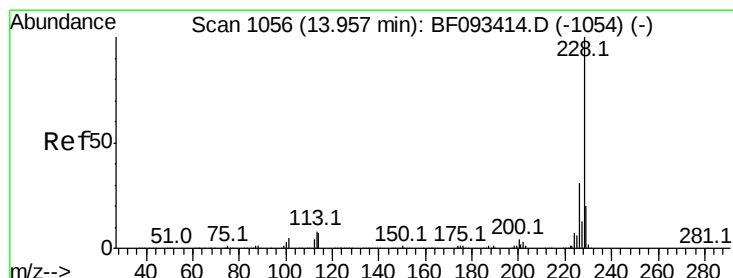
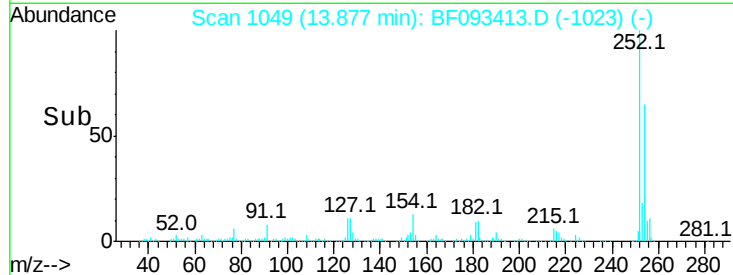
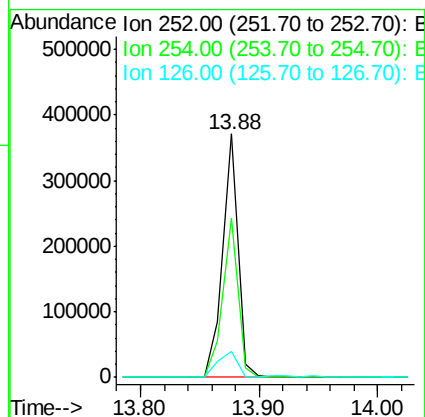
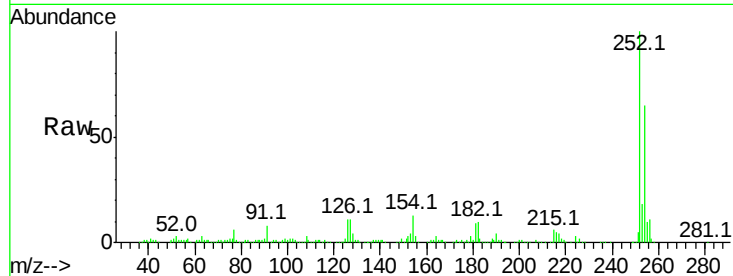




#81
 3,3'-Dichlorobenzidine
 Concen: 26.27 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

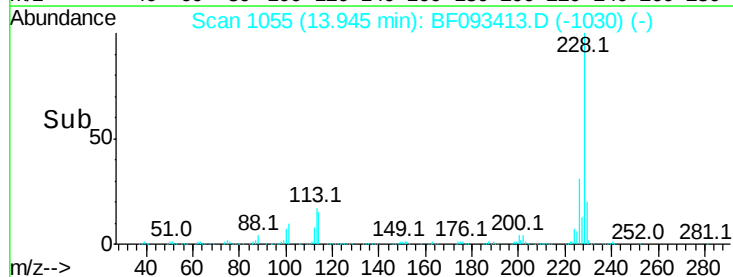
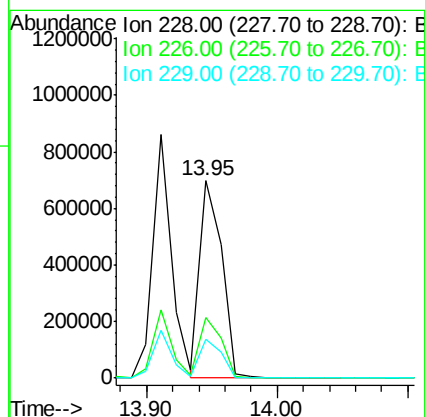
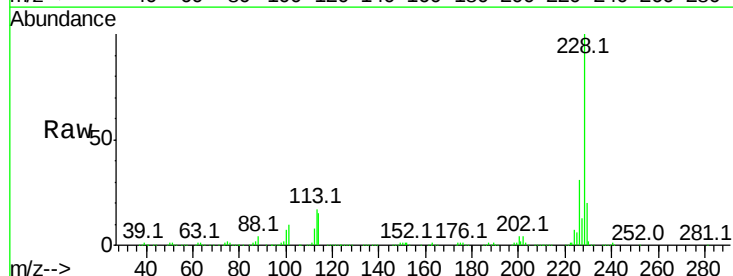
Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC025

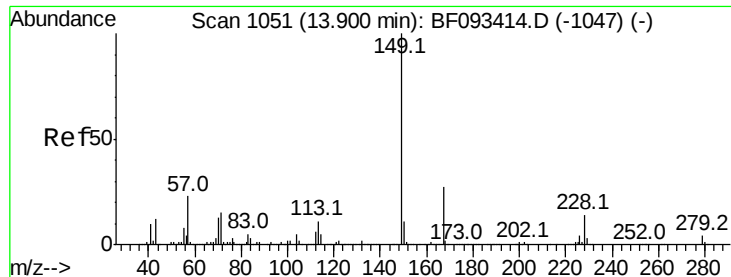
Tot Ion:252 Resp: 330463
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.3 78.5
 126 10.8 13.6 20.4#



#82
 Chrysene
 Concen: 24.77 ng
 RT: 13.95 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF093413.D
 Acq: 7 Mar 2017 11:57

Tgt Ion:228 Resp: 818447
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.0
 229 19.7 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.22 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

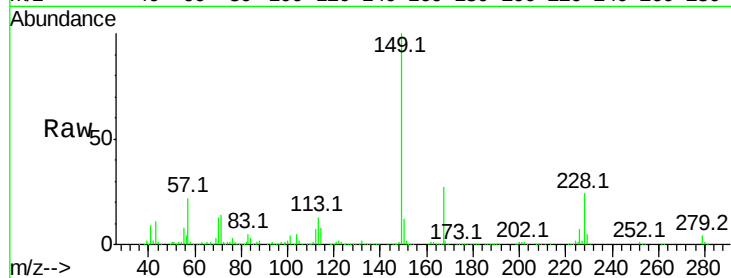
Tot Ion:149 Resp: 652847

Ion Ratio Lower Upper

149 100

167 27.5 20.2 30.4

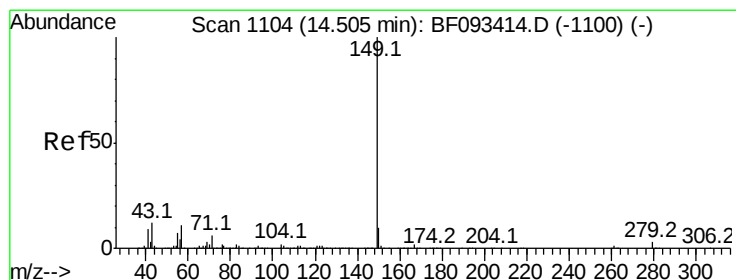
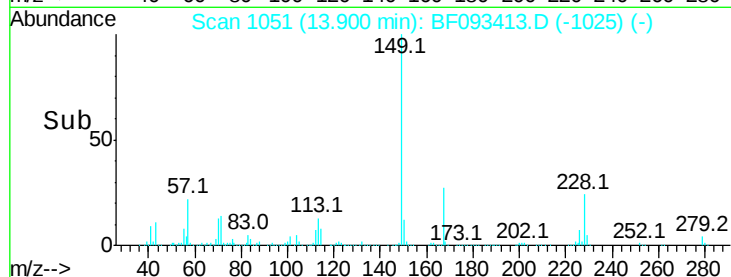
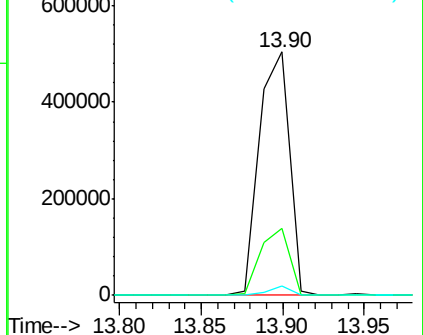
279 3.9 1.8 2.8#



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: 27.44 ng

RT: 14.51 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

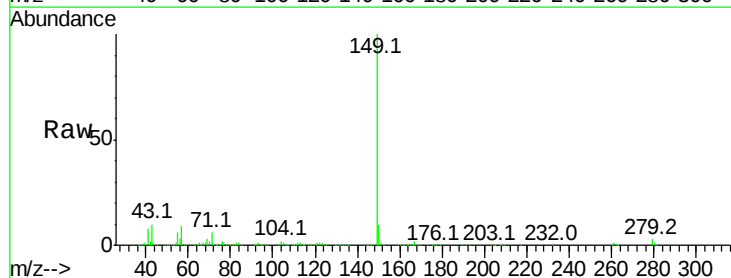
Tgt Ion:149 Resp: 1071843

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

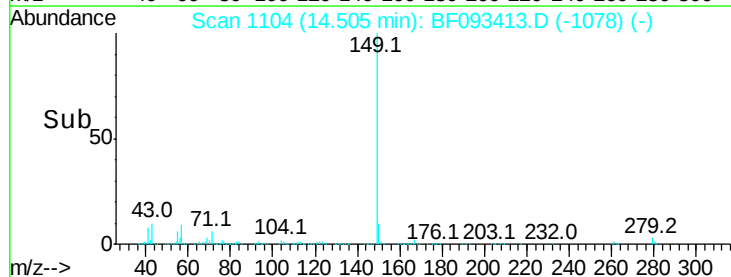
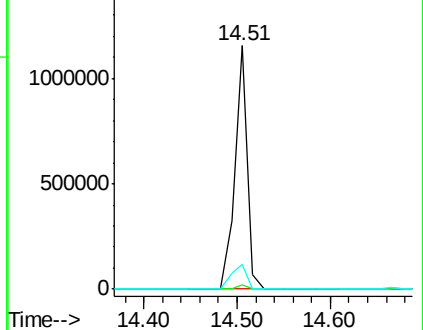
43 12.4 8.9 13.3

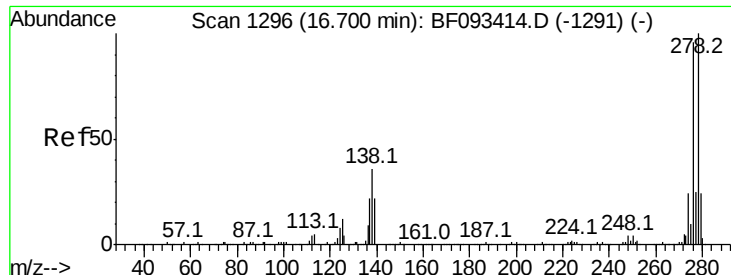


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

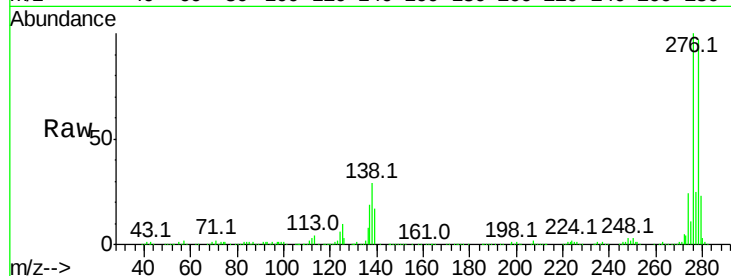




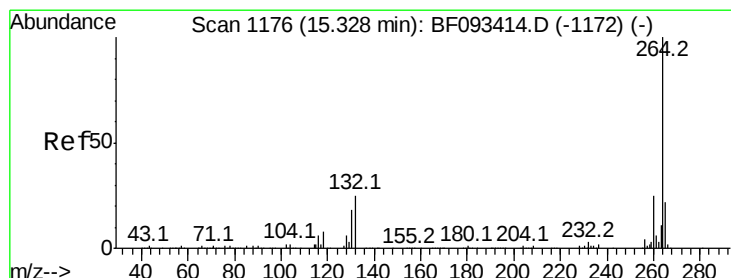
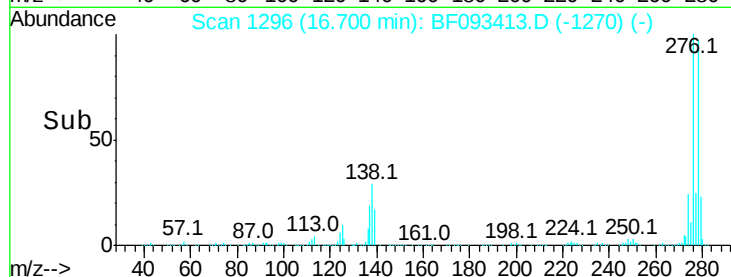
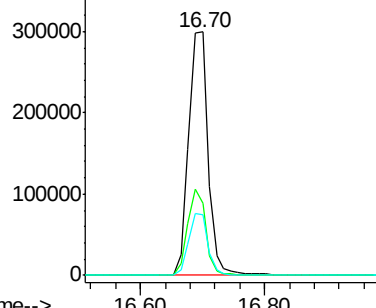
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.22 ng
RT: 16.70 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	21.8	32.6#
277	25.3	20.2	30.4

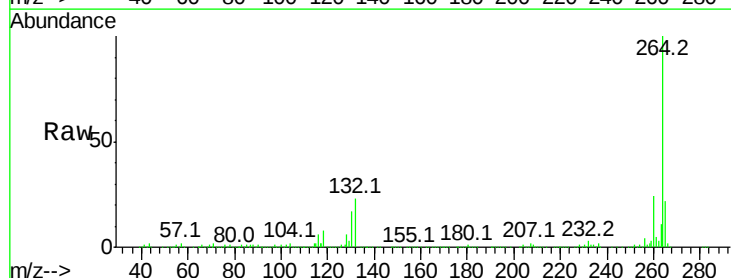


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

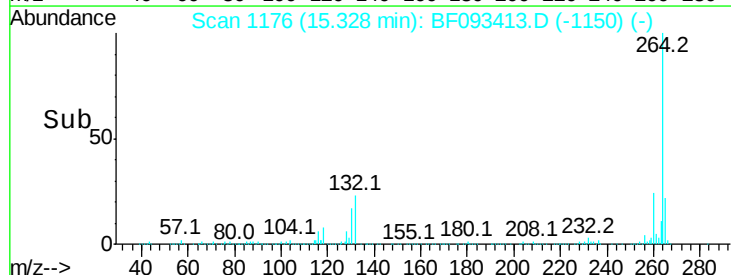
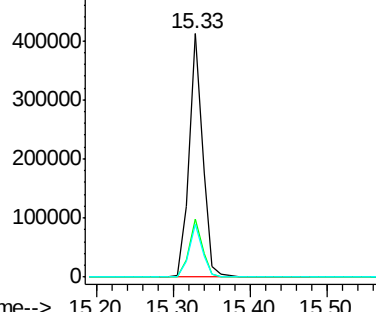


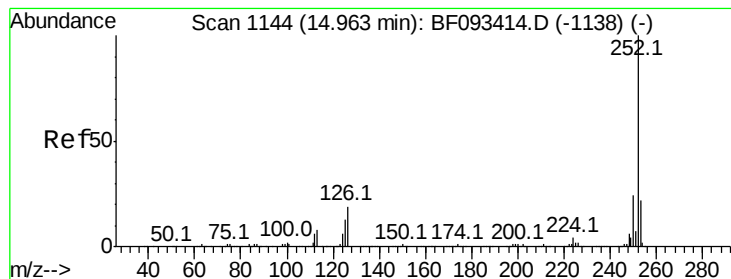
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF093413.D
Acq: 7 Mar 2017 11:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.4	26.0



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: 46.79 ng

RT: 14.96 min Scan# 1144

Delta R.T. 0.02 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

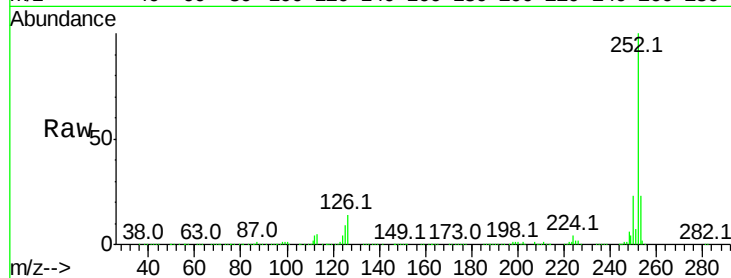
Tot Ion:252 Resp: 1567842

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

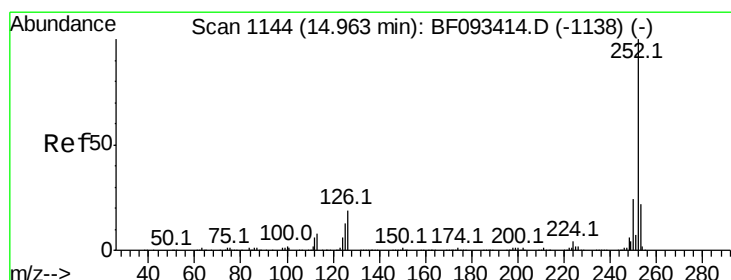
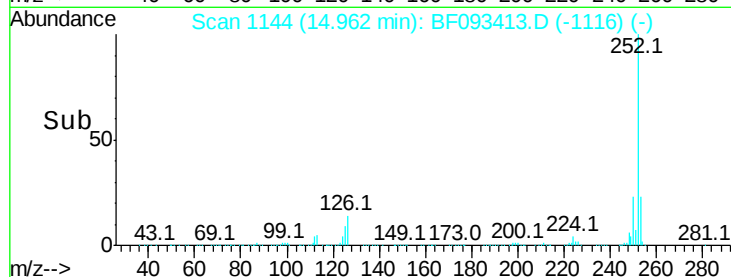
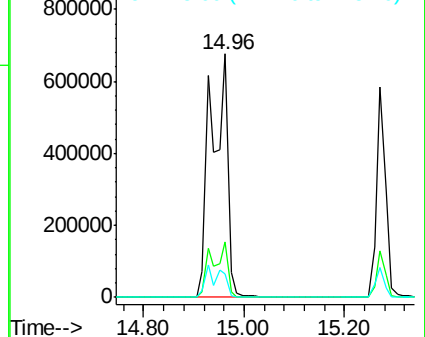
125 9.4 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 54.19 ng

RT: 14.96 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

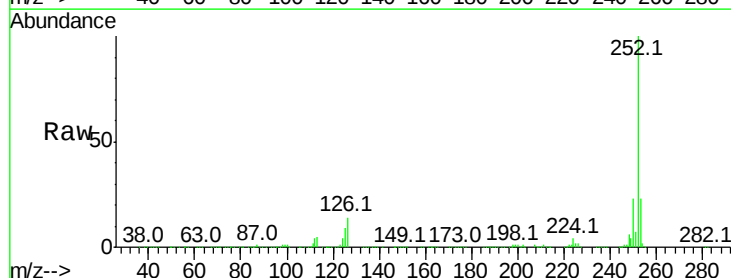
Tgt Ion:252 Resp: 1567862

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

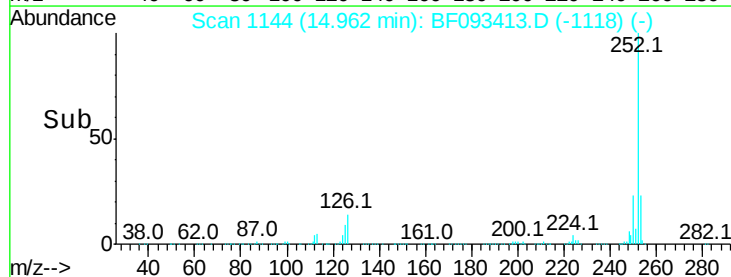
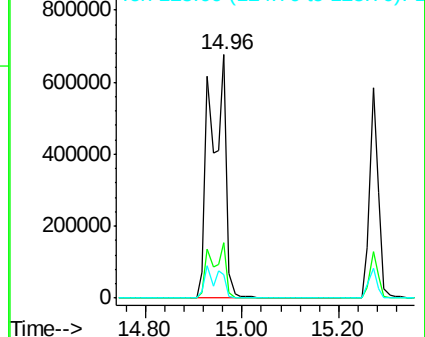
125 9.4 8.9 13.3

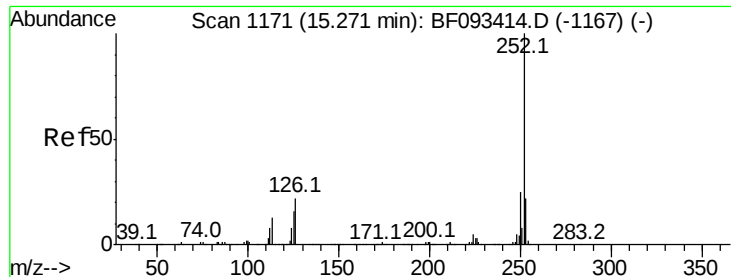


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 25.35 ng

RT: 15.27 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

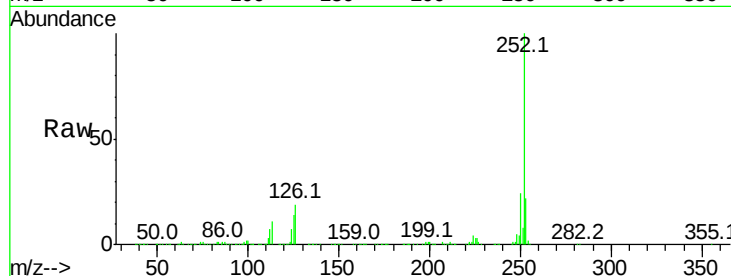
Tot Ion:252 Resp: 734810

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

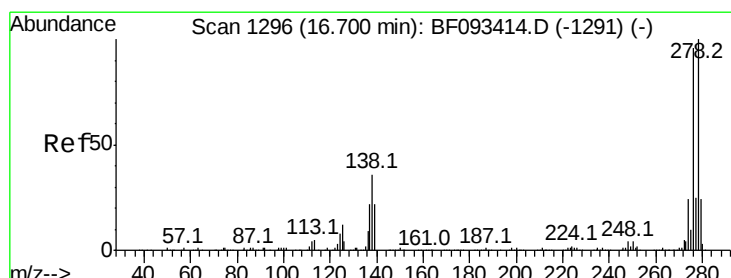
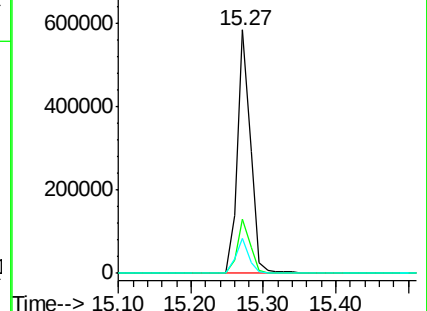
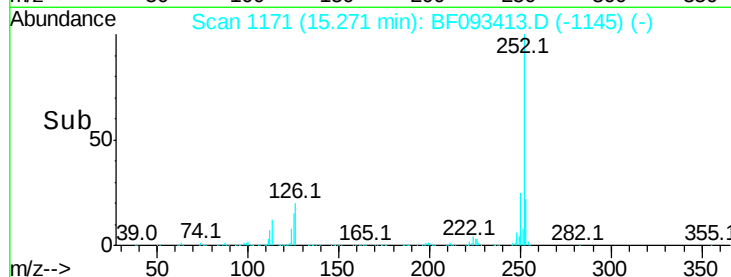
125 14.2 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 23.59 ng

RT: 16.70 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

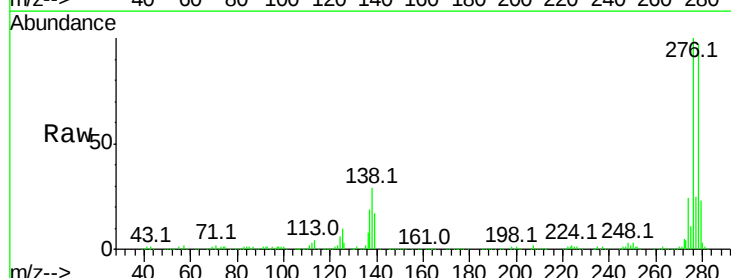
Tgt Ion:278 Resp: 552690

Ion Ratio Lower Upper

278 100

139 18.1 14.8 22.2

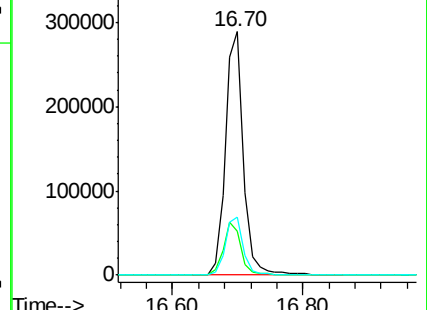
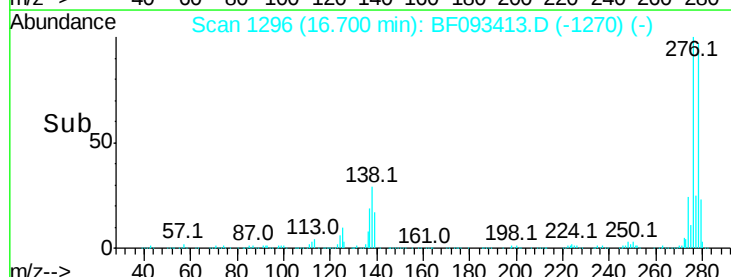
279 24.0 19.8 29.6

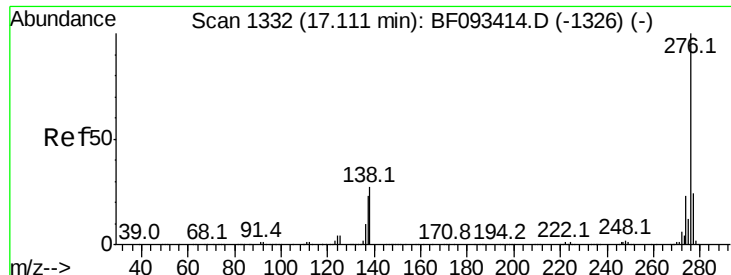


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 23.29 ng

RT: 17.10 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF093413.D

Acq: 7 Mar 2017 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

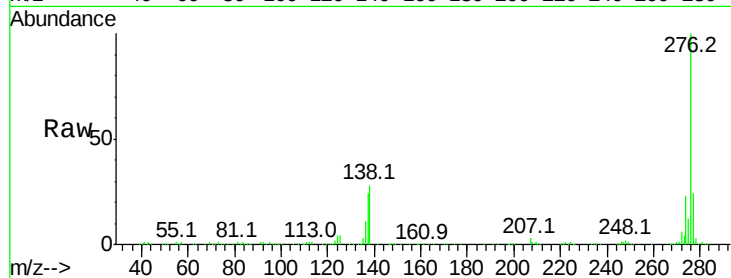
Tot Ion:276 Resp: 551171

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 28.3 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

