

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093714.D
 Acq On : 16 Mar 2017 18:57
 Operator : SJ/MA
 Sample : I2261-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

Quant Time: Mar 17 00:56:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	542273	20.00	ng	0.13
21) Naphthalene-d8	7.99	136	726604	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	338411	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	587693	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	409786	20.00	ng	-0.02
86) Perylene-d12	15.26	264	313150	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1422113	43.65	ng	-0.02
7) Phenol-d6	6.37	99	1762656	42.90	ng	-0.01
23) Nitrobenzene-d5	7.27	82	1126191	86.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	296962	134.69	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1577452	86.70	ng	-0.02
78) Terphenyl-d14	12.80	244	1254559	79.60	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.23	88	239224	13.33	ng	# 84
3) Pyridine	2.92	79	467539	10.22	ng	88
4) n-Nitrosodimethylamine	2.87	42	341872	15.64	ng	78
8) 2-Chlorophenol	6.48	128	516046	14.14	ng	85
9) Benzaldehyde	6.25	77	323722	9.56	ng	96
10) Phenol	6.38	94	879725	17.47	ng	78
11) bis(2-Chloroethyl)ether	6.44	93	551795	13.56	ng	91
12) 1,3-Dichlorobenzene	6.71	146	583481	13.96	ng	# 93
13) 1,4-Dichlorobenzene	6.86	146	506414	11.84	ng	98
14) 1,2-Dichlorobenzene	6.86	146	506414	13.37	ng	98
15) Benzyl Alcohol	6.86	79	419592	14.33	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	926373	13.70	ng	62
17) 2-Methylphenol	7.00	107	452214	14.65	ng	99
18) Hexachloroethane	7.20	117	204426	14.17	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	401309	14.21	ng	90
20) 3+4-Methylphenols	7.16	107	630480	15.74	ng	# 72
22) Acetophenone	7.12	105	737427	42.17	ng	# 97
24) Nitrobenzene	7.29	77	591555	40.19	ng	97
25) Isophorone	7.53	82	1073687	40.66	ng	94
26) 2-Nitrophenol	7.61	139	286062	42.60	ng	97
27) 2,4-Dimethylphenol	7.67	122	455641	41.71	ng	96
28) bis(2-Chloroethoxy)methane	7.75	93	707564	42.44	ng	99
29) 2,4-Dichlorophenol	7.88	162	448052	43.60	ng	93
30) 1,2,4-Trichlorobenzene	7.93	180	456779	41.80	ng	96
31) Naphthalene	8.01	128	1454301	39.94	ng	99
32) Benzoic acid	7.81	122	23872	4.21	ng	93
33) 4-Chloroaniline	8.10	127	107022	7.24	ng	98
34) Hexachlorobutadiene	8.12	225	225401	40.04	ng	99
35) Caprolactam	8.46	113	92510	26.36	ng	# 18
36) 4-Chloro-3-methylphenol	8.58	107	466135	42.50	ng	91
37) 2-Methylnaphthalene	8.70	142	938740	40.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	411155	44.49	ng	99
40) Hexachlorocyclopentadiene	8.85	237	186477	79.98	ng	96
42) 2,4,6-Trichlorophenol	9.00	196	284197	49.22	ng	91

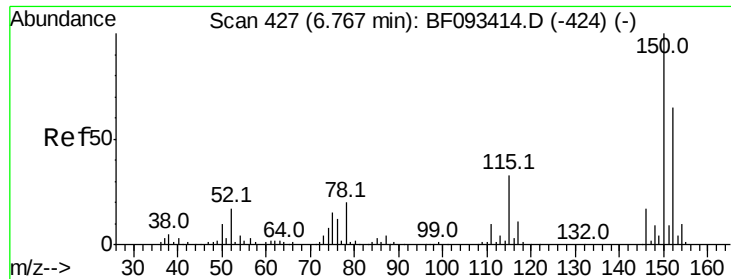
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	252315	40.73	nq	93
45) 1,1'-Biphenyl	9.17	154	1091833	44.29	nq	97
46) 2-Chloronaphthalene	9.19	162	888107	47.06	nq	95
47) 2-Nitroaniline	9.32	65	336200	50.40	nq	# 81
48) Acenaphthylene	9.60	152	1338482	43.01	nq	99
49) Dimethylphthalate	9.48	163	1156563	51.55	nq	99
50) 2,6-Dinitrotoluene	9.56	165	236956	48.13	nq	# 87
51) Acenaphthene	9.77	154	775349	42.13	nq	94
52) 3-Nitroaniline	9.73	138	124238	21.01	nq	97
53) 2,4-Dinitrophenol	9.86	184	83526	37.26	nq	# 69
54) Dibenzofuran	9.94	168	1149836	49.92	nq	94
55) 4-Nitrophenol	9.94	139	706341	245.88	nq	# 16
56) 2,4-Dinitrotoluene	9.97	165	306679	50.71	nq	# 85
57) Fluorene	10.29	166	844374	43.26	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	226143	51.73	nq	96
59) Diethylphthalate	10.17	149	987756	46.07	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	388744	44.43	nq	99
61) 4-Nitroaniline	10.34	138	230387	38.09	nq	97
62) Azobenzene	10.44	77	1265319	51.93	nq	92
64) 4,6-Dinitro-2-methylphenol	10.38	198	134849	35.42	nq	# 72
65) n-Nitrosodiphenylamine	10.40	169	798130	40.67	nq	99
66) 4-Bromophenyl-phenylether	10.77	248	246071	39.60	nq	98
67) Hexachlorobenzene	10.84	284	233252	39.31	nq	# 81
68) Atrazine	10.94	200	224284	39.05	nq	98
69) Pentachlorophenol	11.05	266	127190	62.08	nq	97
70) Phenanthrene	11.25	178	1272385	37.93	nq	99
71) Anthracene	11.31	178	1438942	42.41	nq	98
72) Carbazole	11.47	167	1192099	37.40	nq	99
73) Di-n-butylphthalate	11.79	149	1449342	39.30	nq	# 97
74) Fluoranthene	12.44	202	1277102	39.41	nq	95
76) Benzidine	12.57	184	325836	24.18	nq	97
77) Pyrene	12.67	202	1299038	43.59	nq	99
79) Butylbenzylphthalate	13.27	149	569004	45.35	nq	98
80) Benzo(a)anthracene	13.85	228	1006959	41.61	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	221714	26.16	nq	97
82) Chrysene	13.89	228	948506	42.36	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	818850	46.83	nq	# 96
84) Di-n-octyl phthalate	14.44	149	1230766	42.23	nq	99
85) Indeno(1,2,3-cd)pyrene	16.60	276	729986	38.95	nq	94
87) Benzo(b)fluoranthene	14.89	252	1589535	83.34	nq	98
88) Benzo(k)fluoranthene	14.89	252	1589794	86.44	nq	98
89) Benzo(a)pyrene	15.20	252	727699	41.75	nq	99
90) Dibenzo(a,h)anthracene	16.59	278	614183	42.59	nq	96
91) Benzo(g,h,i)perylene	17.00	276	632714	42.75	nq	# 94

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

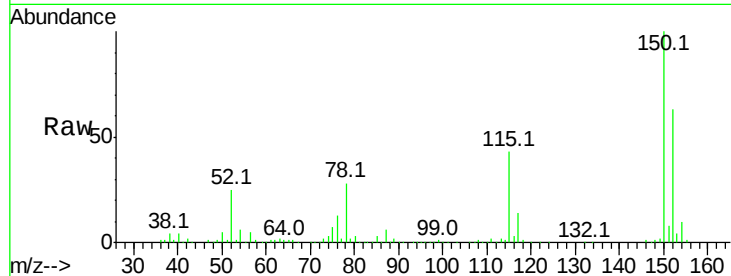


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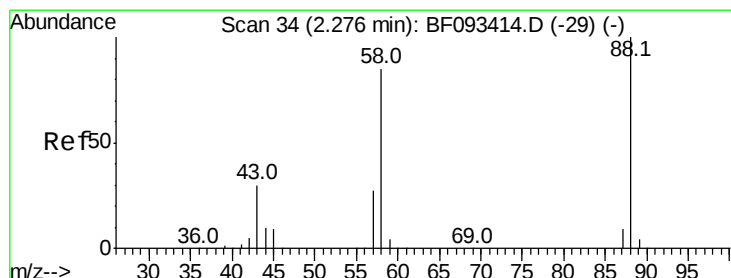
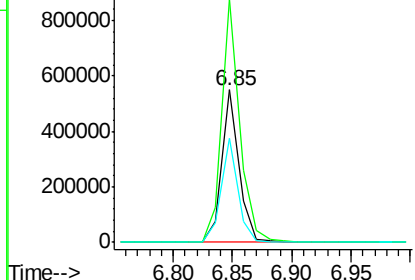
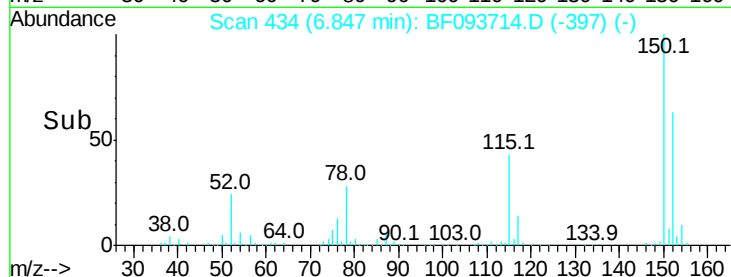
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 434
Delta R.T. 0.13 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion:152 Resp: 542273
Ion Ratio Lower Upper
152 100
150 159.8 124.9 187.3
115 68.3 46.0 69.0



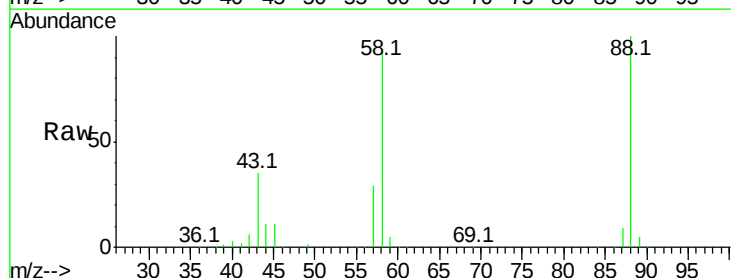
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



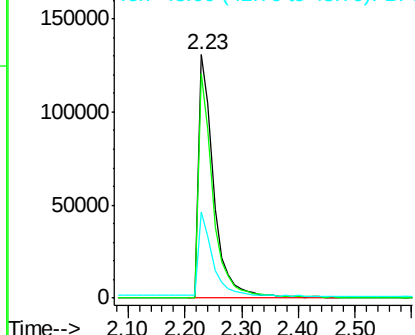
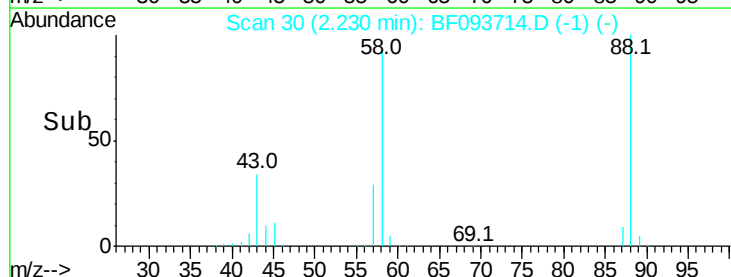
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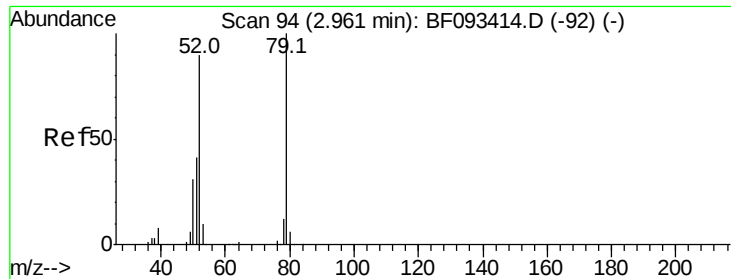
1,4-Dioxane
Concen: 13.33 ng
RT: 2.23 min Scan# 30
Delta R.T. 0.05 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion: 88 Resp: 239224
Ion Ratio Lower Upper
88 100
58 89.4 57.8 86.8#
43 31.0 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: 10.22 ng

RT: 2.92 min Scan# 90

Delta R.T. 0.06 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

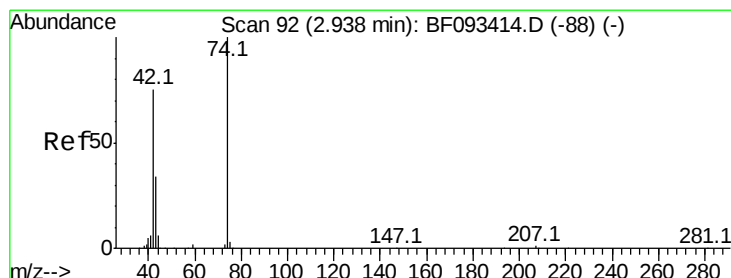
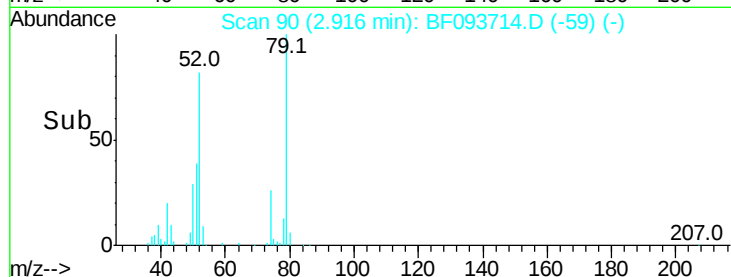
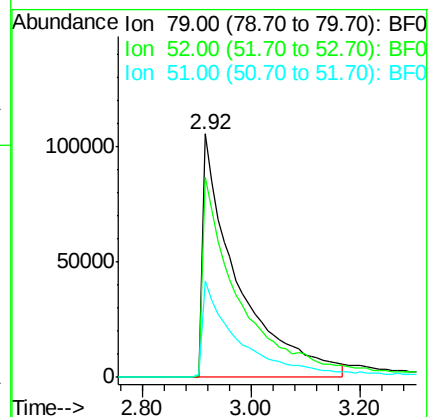
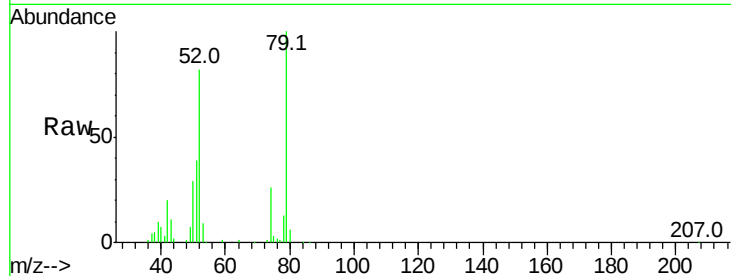
Tot Ion: 79 Resp: 467539

Ion Ratio Lower Upper

79 100

52 82.4 57.1 85.7

51 39.4 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 15.64 ng

RT: 2.87 min Scan# 86

Delta R.T. 0.03 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

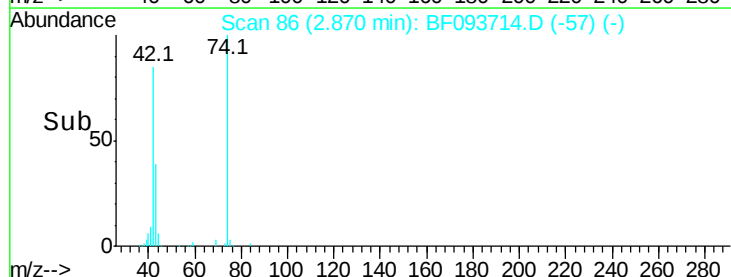
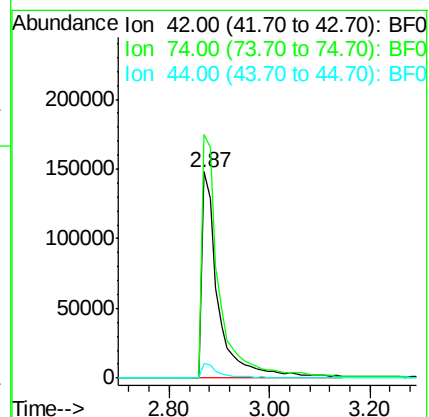
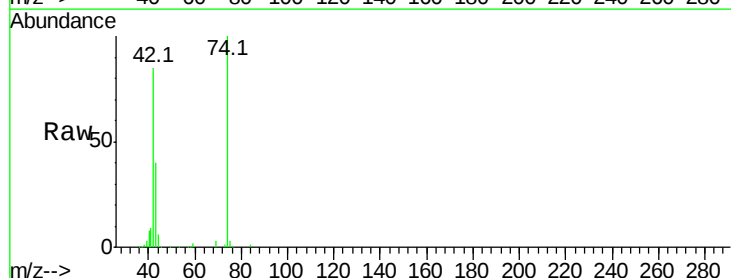
Tgt Ion: 42 Resp: 341872

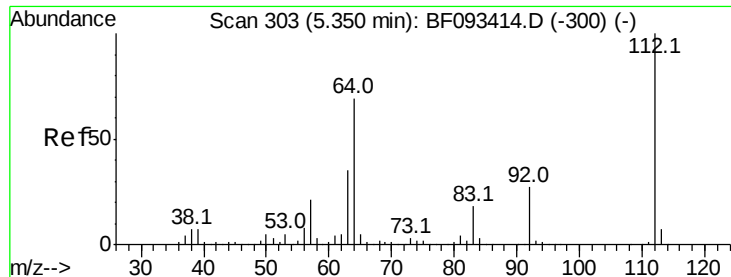
Ion Ratio Lower Upper

42 100

74 118.0 117.0 175.4

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 43.65 ng

RT: 5.29 min Scan# 298

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

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ClientSampleId :

TRAP-ROCK-FINESMS

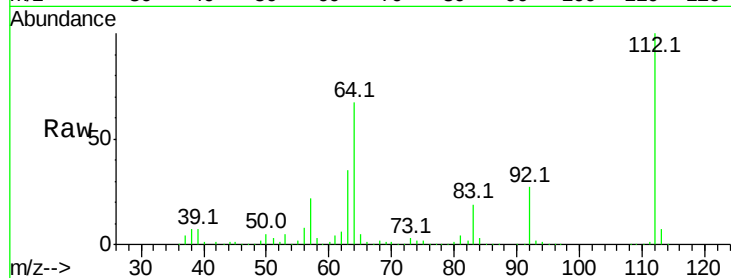
Tot Ion:112 Resp: 1422113

Ion Ratio Lower Upper

112 100

64 66.9 46.1 69.1

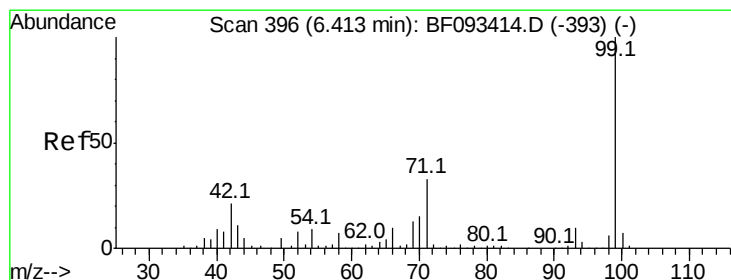
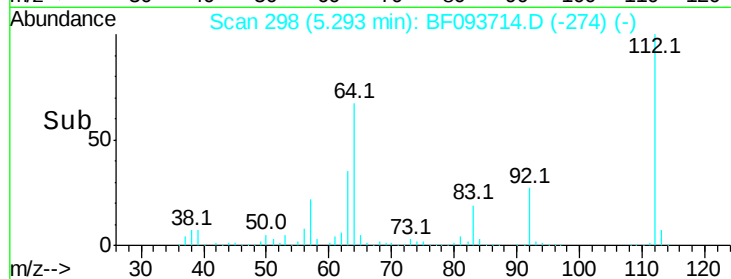
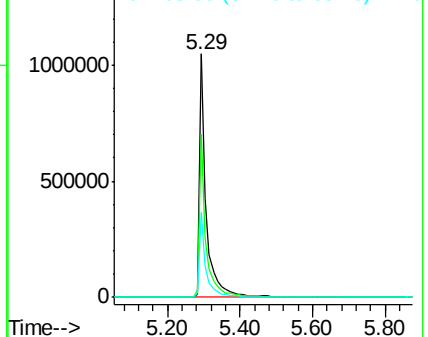
63 34.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 42.90 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

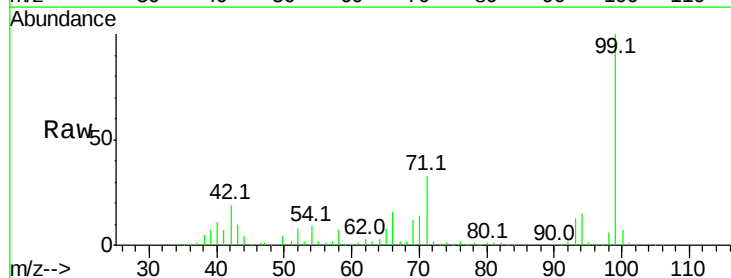
Tgt Ion: 99 Resp: 1762656

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

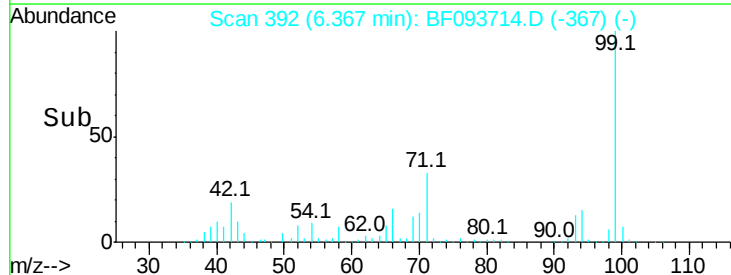
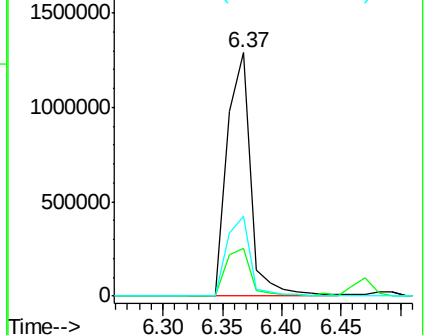
71 32.7 27.5 41.3

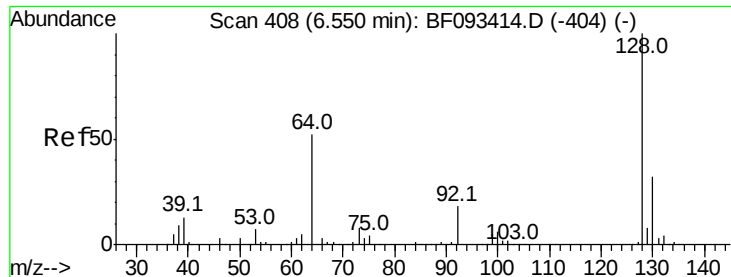


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 14.14 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

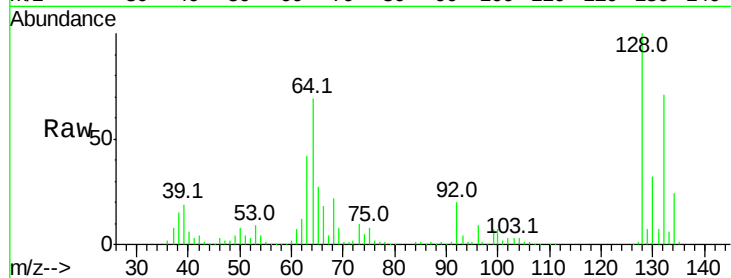
Tot Ion:128 Resp: 516046

Ion Ratio Lower Upper

128 100

130 32.0 12.3 52.3

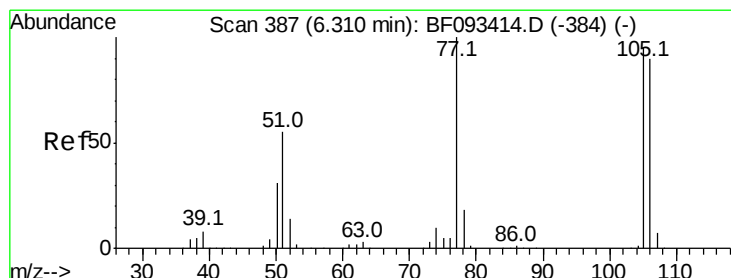
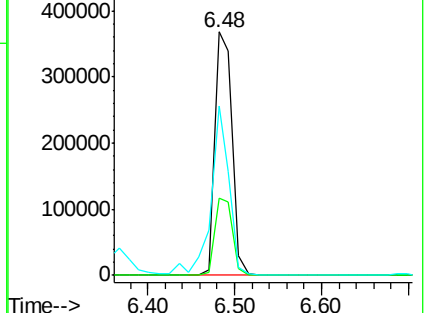
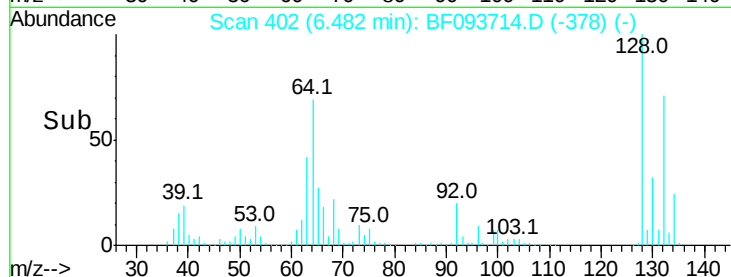
64 69.3 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 9.56 ng

RT: 6.25 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

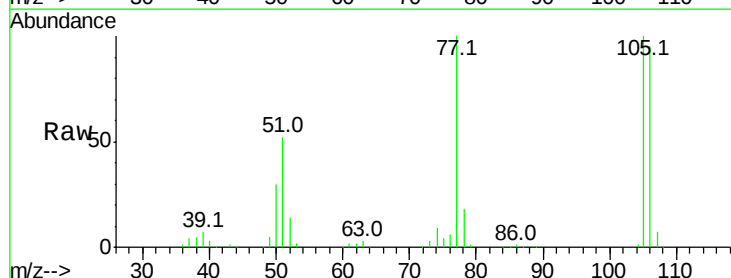
Tgt Ion: 77 Resp: 323722

Ion Ratio Lower Upper

77 100

105 99.6 83.9 123.9

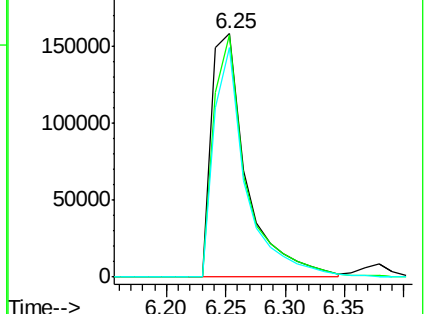
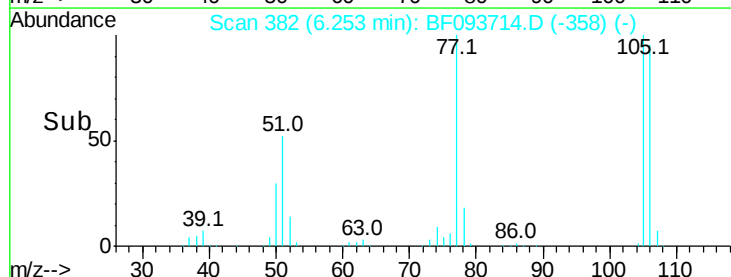
106 94.5 77.6 117.6

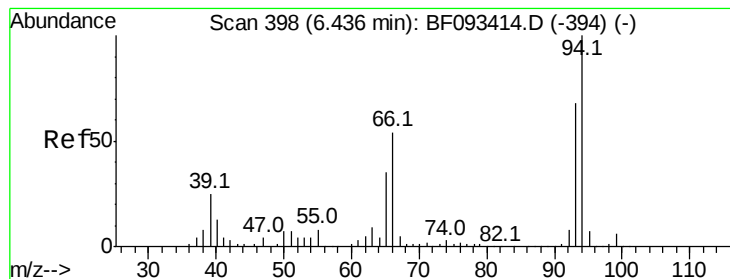


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 17.47 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

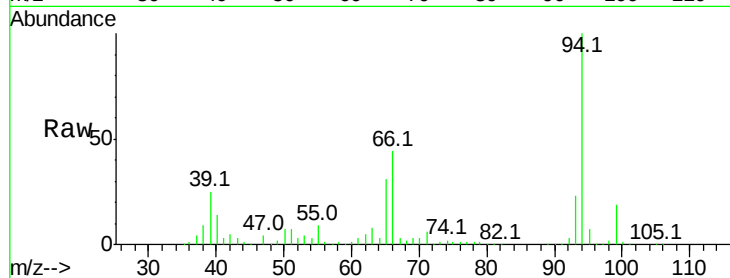
Tot Ion: 94 Resp: 879725

Ion Ratio Lower Upper

94 100

65 30.7 21.4 61.4

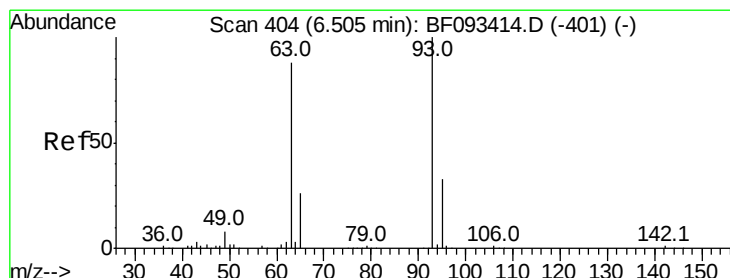
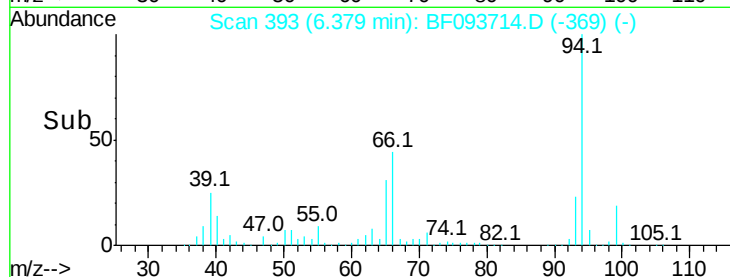
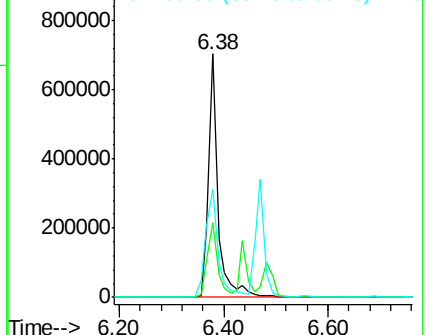
66 44.1 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 13.56 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

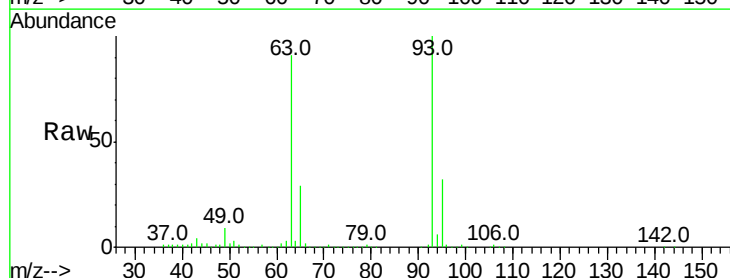
Tgt Ion: 93 Resp: 551795

Ion Ratio Lower Upper

93 100

63 91.1 60.4 100.4

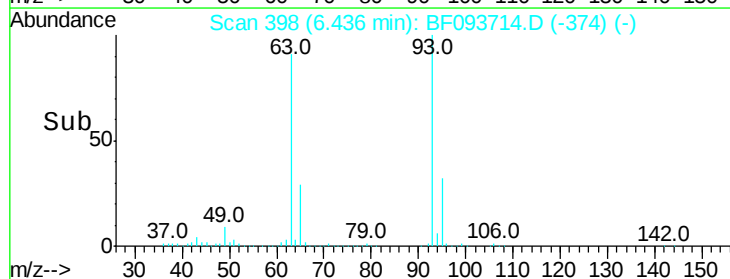
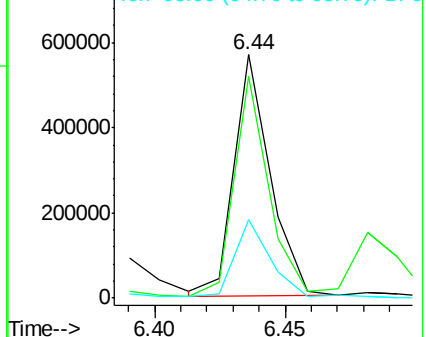
95 32.0 12.8 52.8

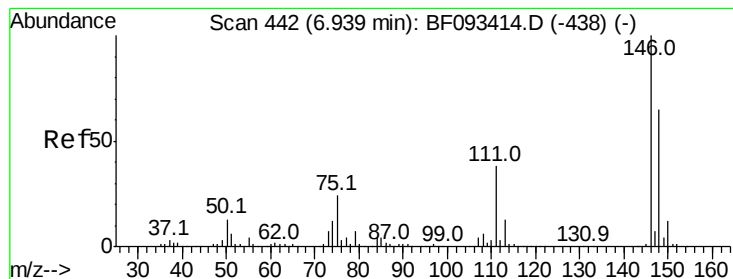


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 13.96 ng

RT: 6.71 min Scan# 422

Delta R.T. 0.06 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

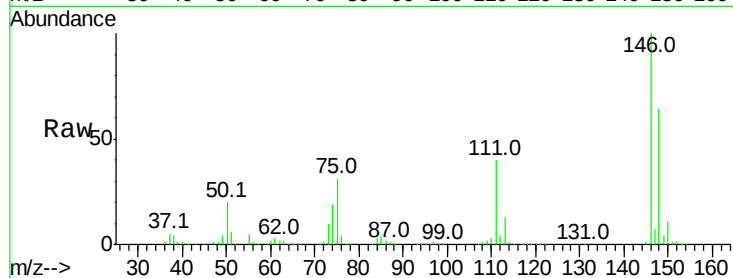
Tot Ion:146 Resp: 583481

Ion Ratio Lower Upper

146 100

148 63.9 53.4 80.0

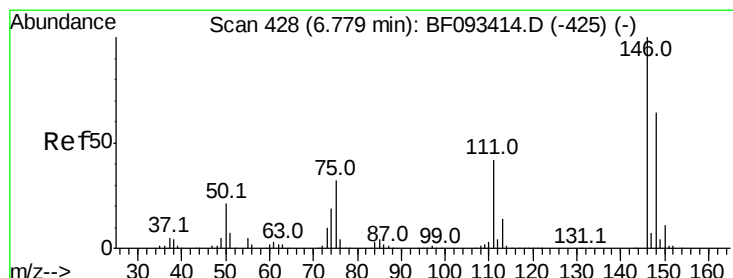
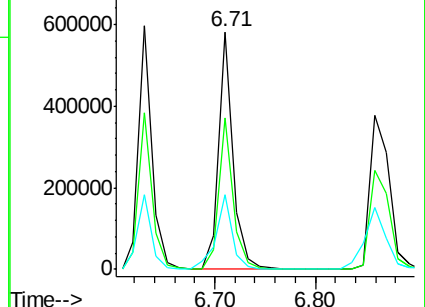
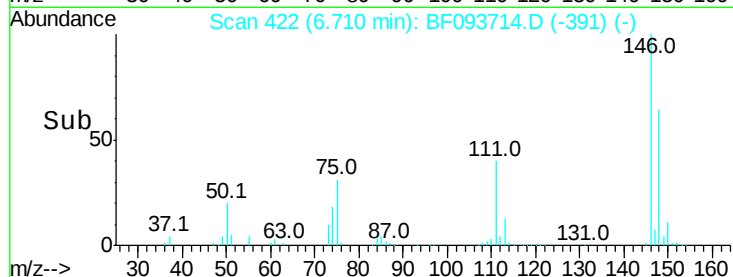
75 31.3 18.5 27.7#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 11.84 ng

RT: 6.86 min Scan# 435

Delta R.T. 0.13 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

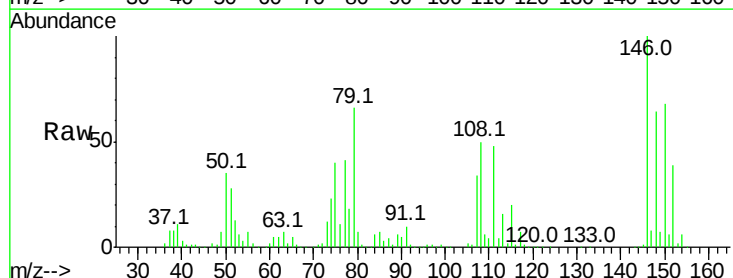
Tgt Ion:146 Resp: 506414

Ion Ratio Lower Upper

146 100

148 64.2 50.6 76.0

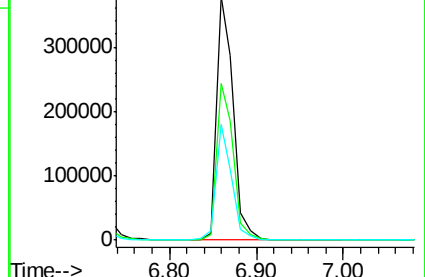
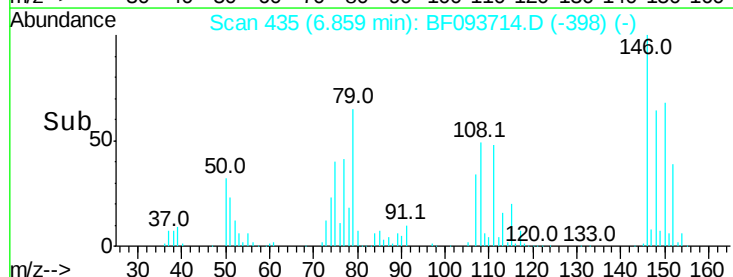
111 47.6 36.2 54.4

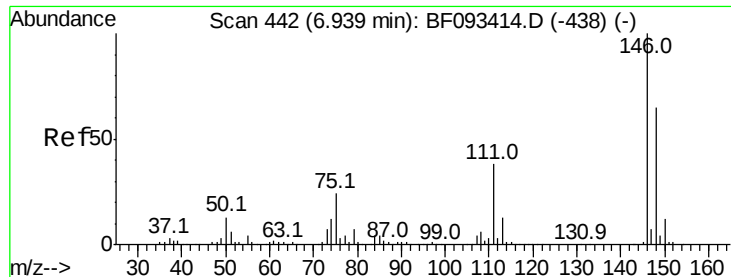


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 13.37 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.03 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

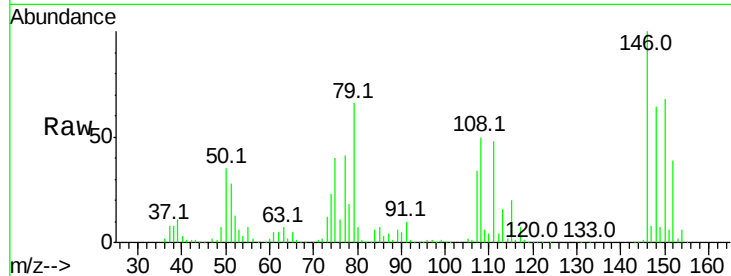
Tot Ion:146 Resp: 506414

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

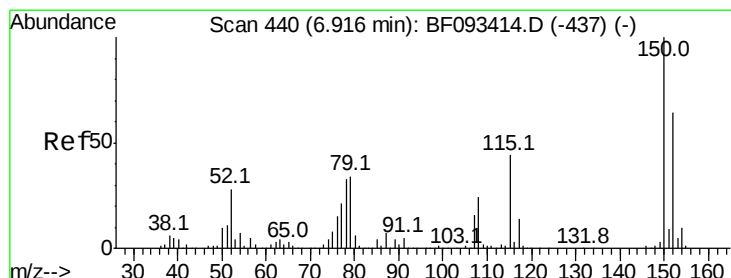
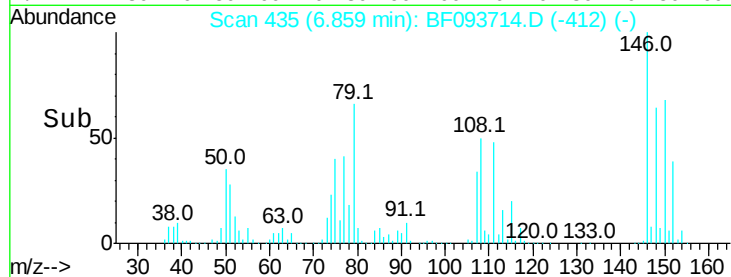
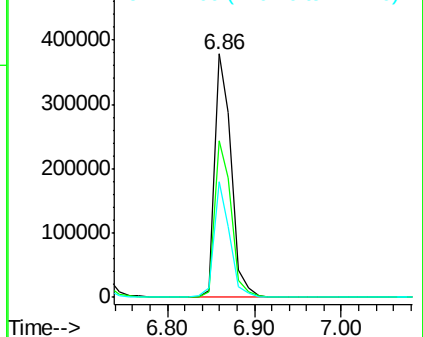
111 47.6 36.2 54.2



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: 14.33 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

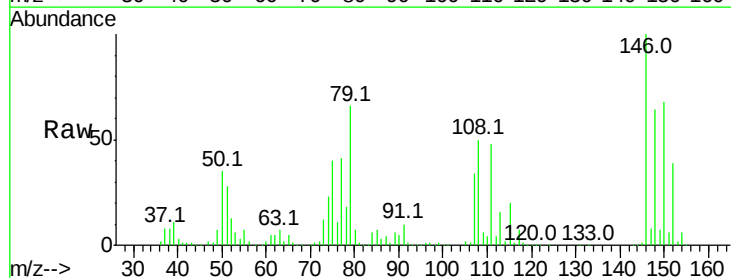
Tgt Ion: 79 Resp: 419592

Ion Ratio Lower Upper

79 100

108 74.9 61.4 92.0

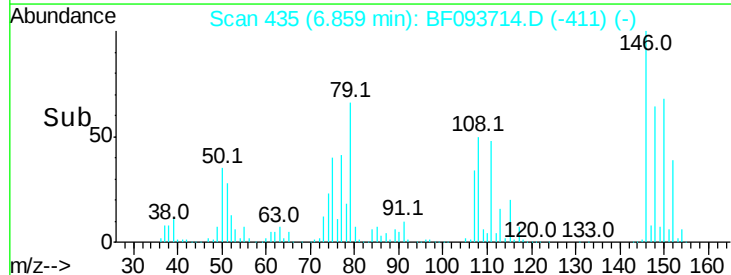
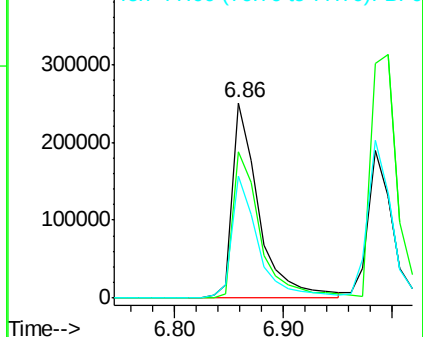
77 62.3 50.9 76.3

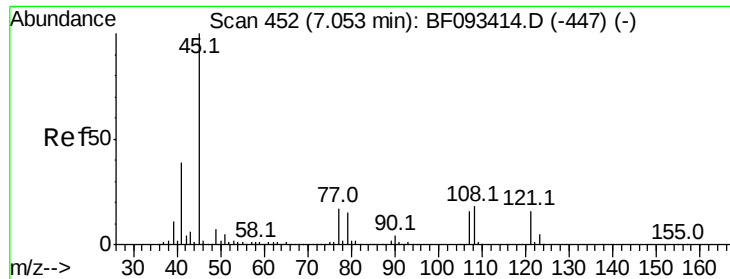


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

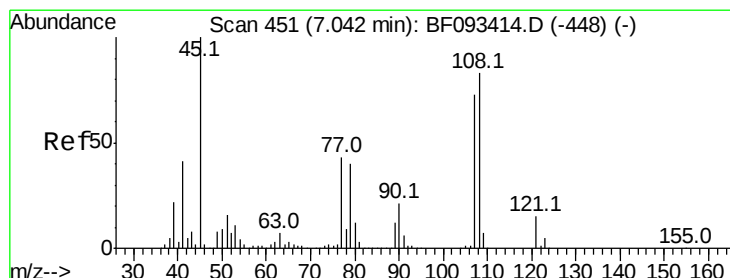
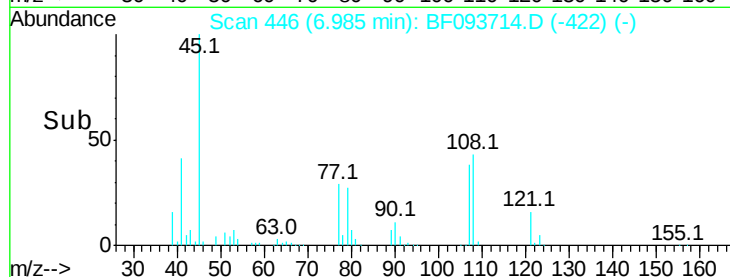
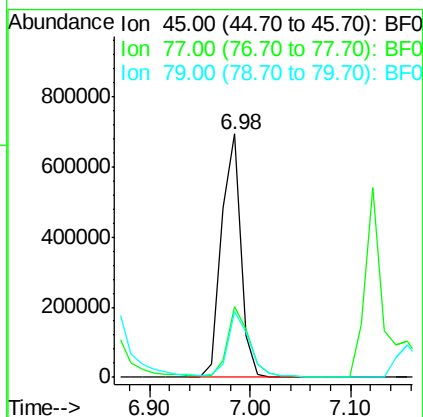
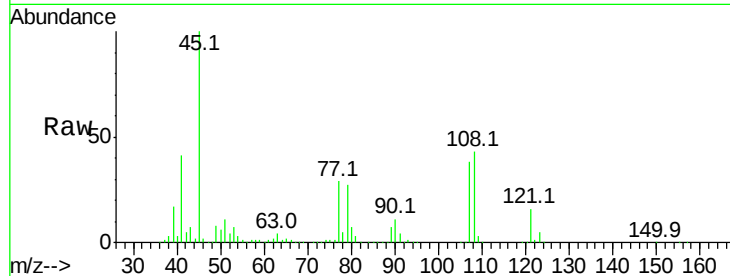




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 13.70 ng
RT: 6.98 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

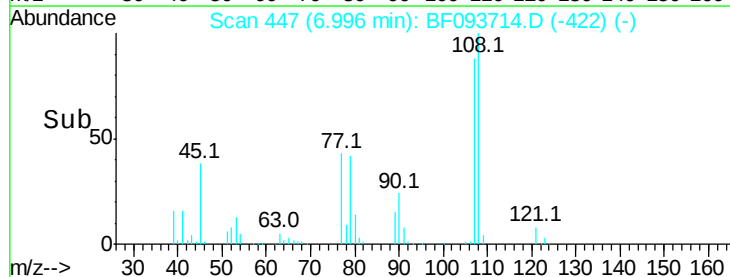
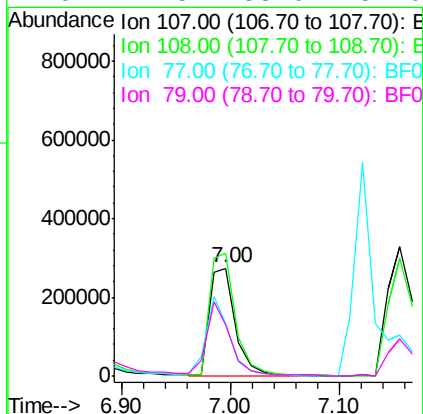
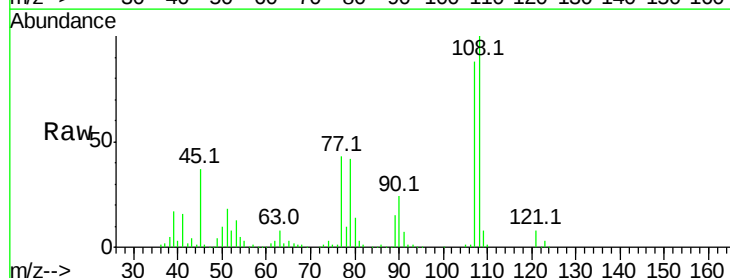
Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

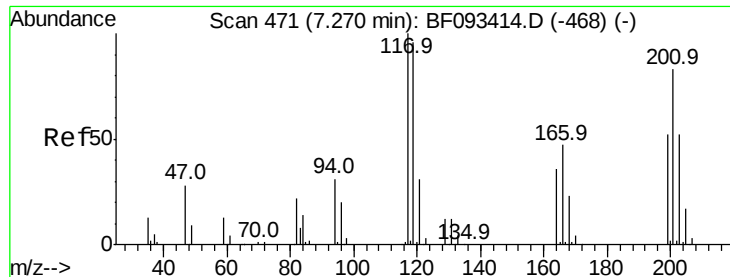
Tot Ion: 45 Resp: 926373
Ion Ratio Lower Upper
45 100
77 29.1 0.0 34.6
79 27.2 0.0 31.2



#17
2-Methylphenol
Concen: 14.65 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion:107 Resp: 452214
Ion Ratio Lower Upper
107 100
108 114.2 93.0 139.6
77 49.4 39.8 59.8
79 47.5 38.0 57.0

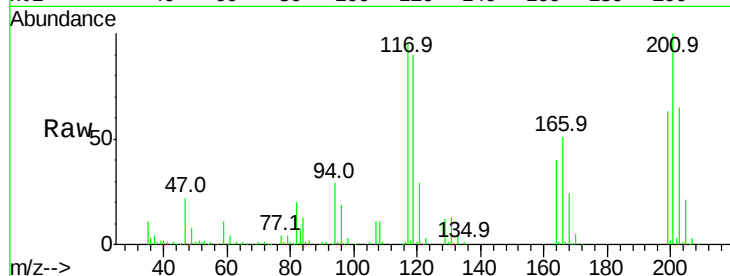




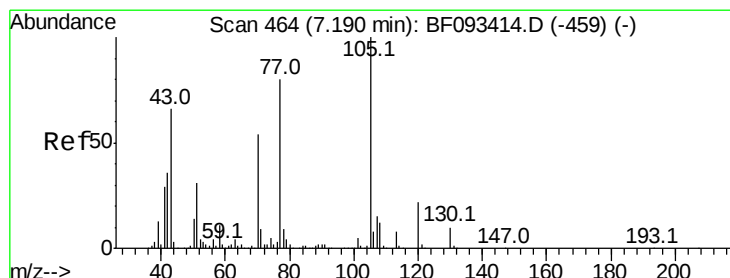
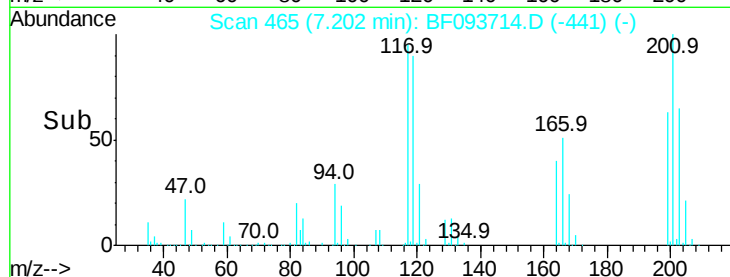
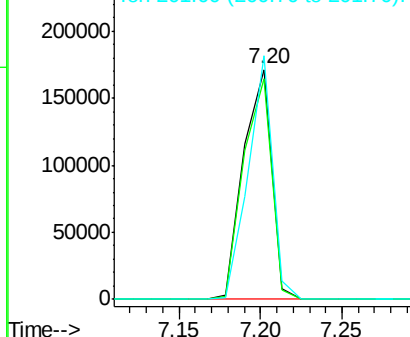
#18
Hexachloroethane
Concen: 14.17 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion:117 Resp: 204426
Ion Ratio Lower Upper
117 100
119 95.7 78.1 117.1
201 105.8 78.6 117.8

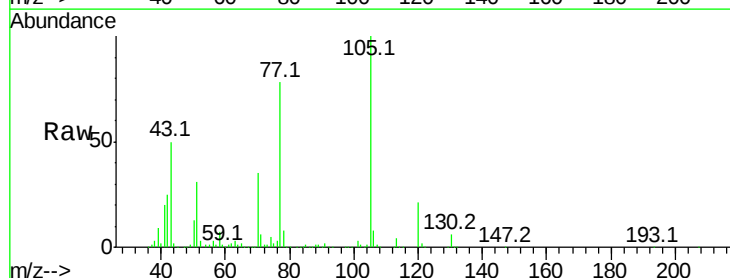


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

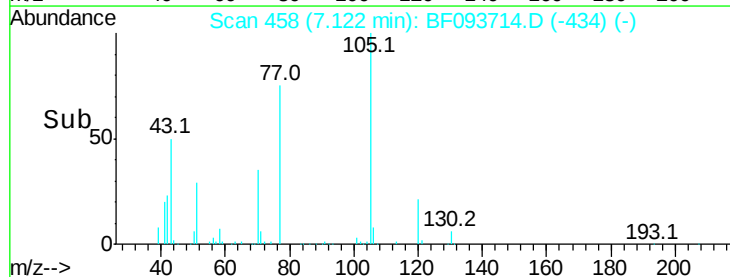
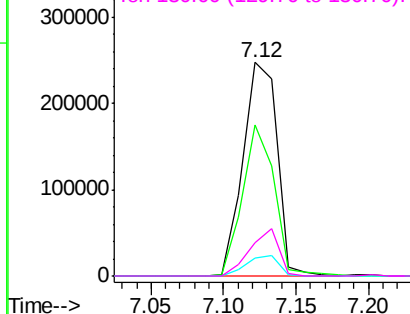


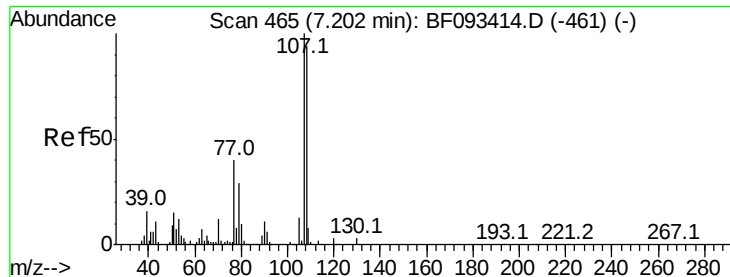
#19
n-Nitroso-di-n-propylamine
Concen: 14.21 ng
RT: 7.12 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion: 70 Resp: 401309
Ion Ratio Lower Upper
70 100
42 70.8 49.4 74.0
101 8.4 7.4 11.2
130 15.6 14.2 21.4



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 15.74 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

Tot Ion:107 Resp: 630480

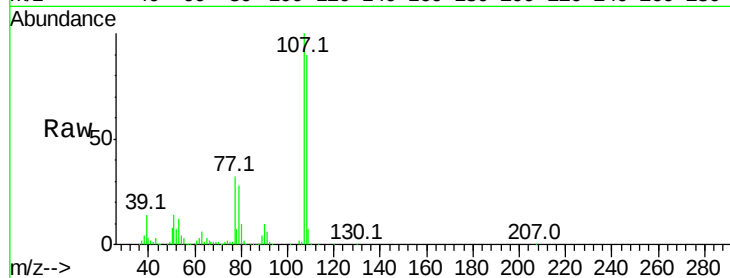
Ion Ratio Lower Upper

107 100

108 90.5 73.0 113.0

77 31.7 71.3 111.3#

79 28.4 11.1 51.1

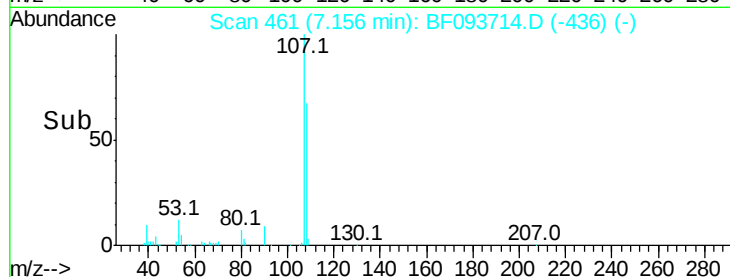


Abundance Ion 107.00 (106.70 to 107.70): E

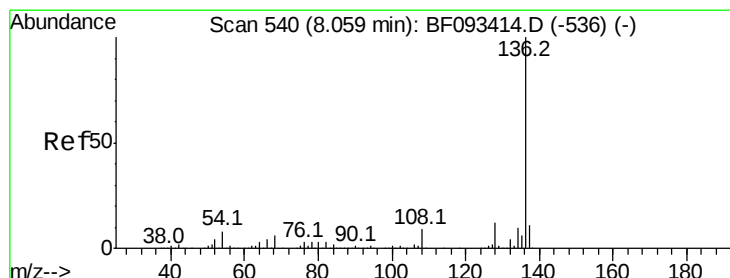
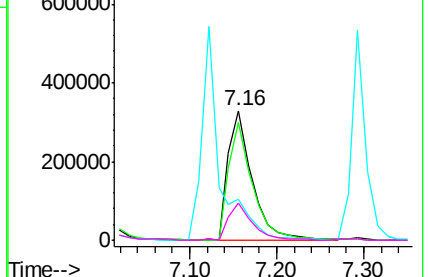
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Tgt Ion:136 Resp: 726604

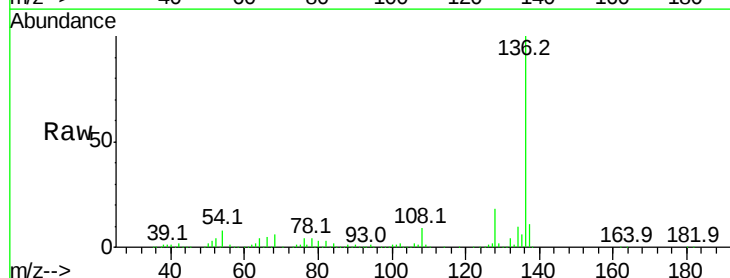
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 8.3 4.5 6.7#

68 6.0 3.6 5.4#

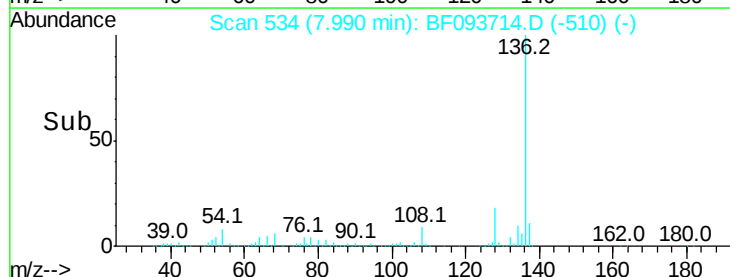


Abundance Ion 136.00 (135.70 to 136.70): E

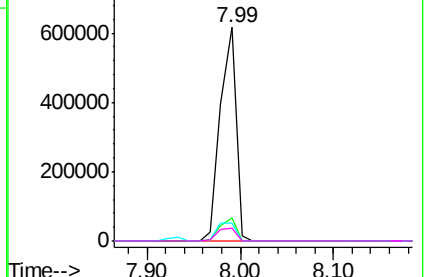
Ion 137.00 (136.70 to 137.70): E

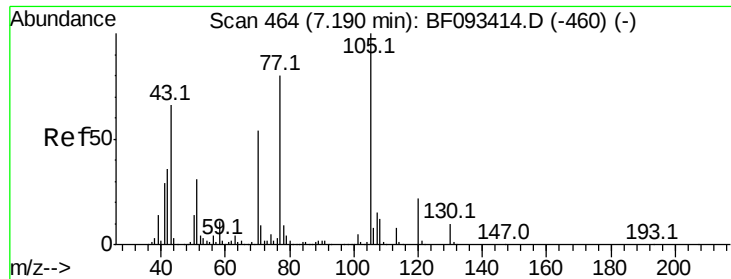
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->





#22

Acetophenone

Concen: 42.17 ng

RT: 7.12 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

Tot Ion:105 Resp: 737427

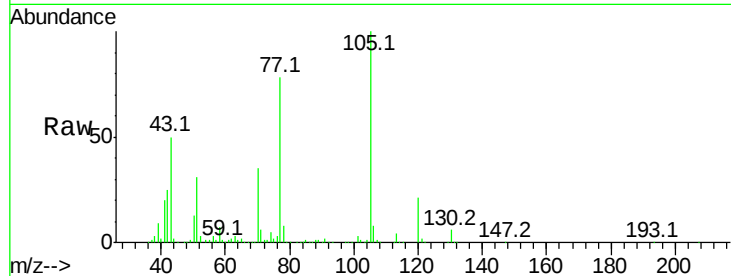
Ion Ratio Lower Upper

105 100

71 5.9 3.2 4.8#

51 30.8 26.2 39.4

120 21.0 16.6 24.8

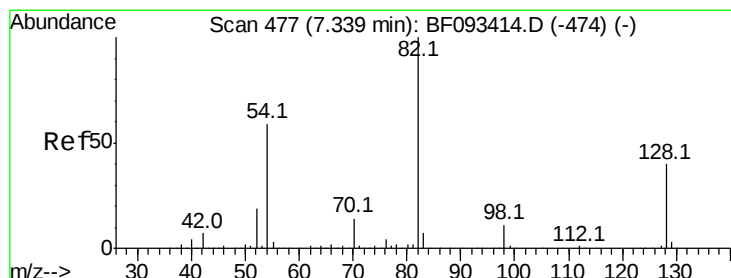
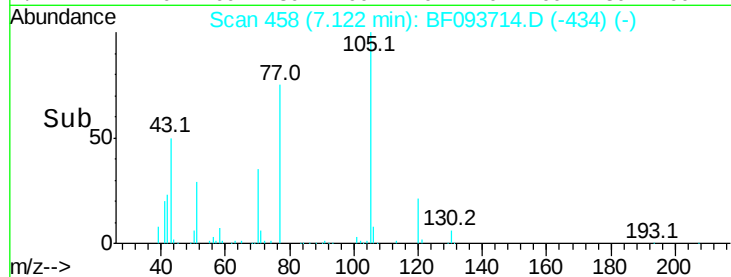
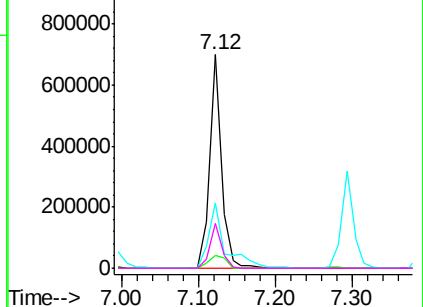


Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.00 ng

RT: 7.27 min Scan# 471

Delta R.T. -0.03 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

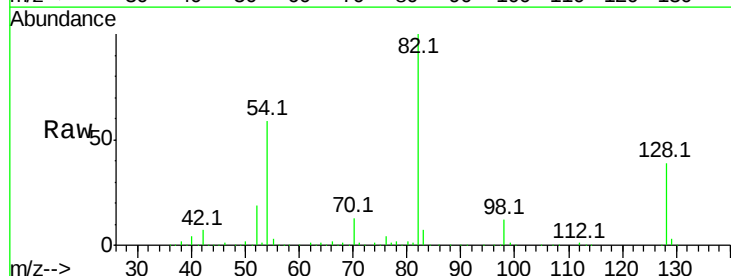
Tgt Ion: 82 Resp: 1126191

Ion Ratio Lower Upper

82 100

128 39.0 34.6 52.0

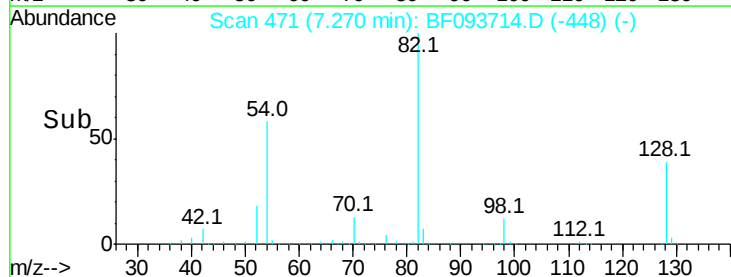
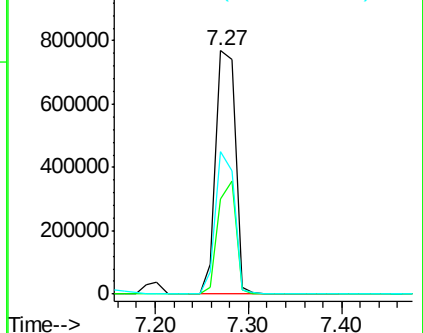
54 58.8 39.5 59.3

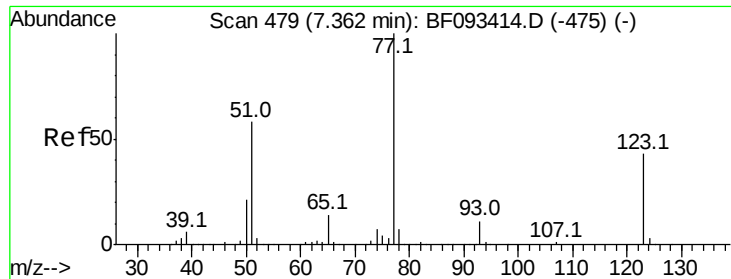


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

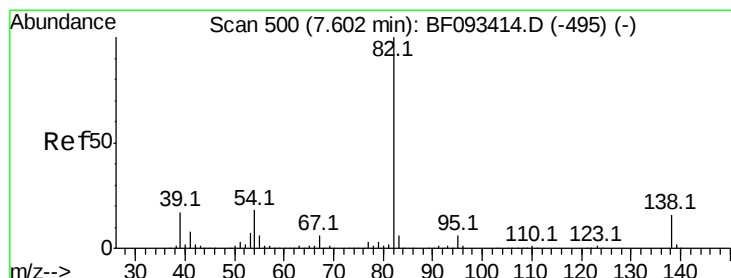
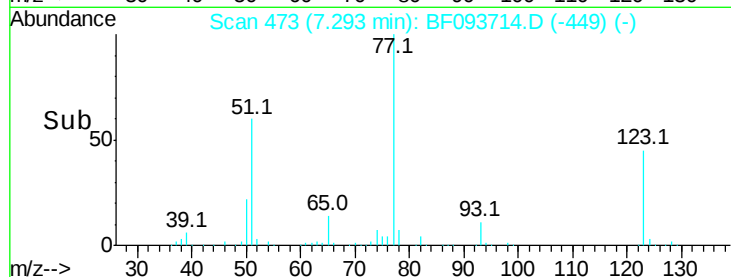
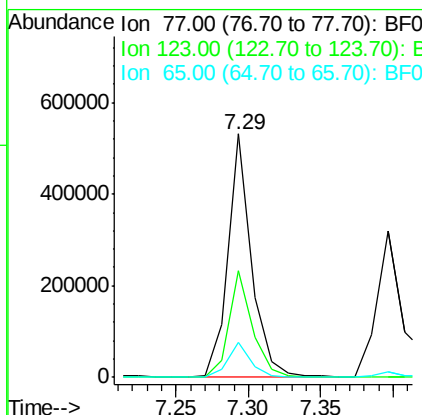
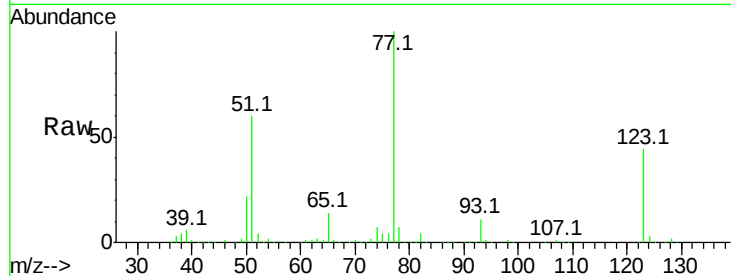




#24
 Nitrobenzene
 Concen: 40.19 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.02 min
 Lab File: BF093714.D
 Acq: 16 Mar 2017 18:57

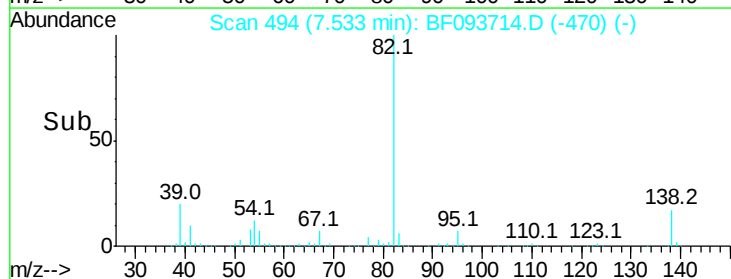
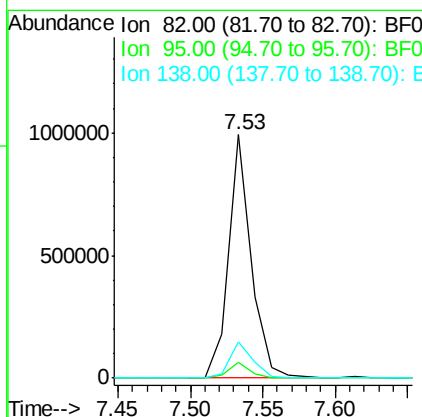
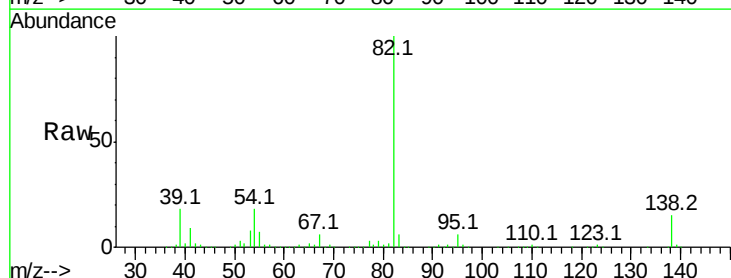
Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

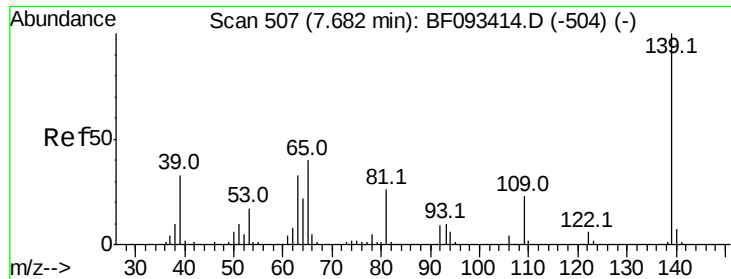
Tot Ion	Ratio	Lower	Upper
77	100		
123	43.6	33.0	49.4
65	14.1	11.2	16.8



#25
 Isophorone
 Concen: 40.66 ng
 RT: 7.53 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF093714.D
 Acq: 16 Mar 2017 18:57

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.6	8.4
138	14.9	14.6	22.0

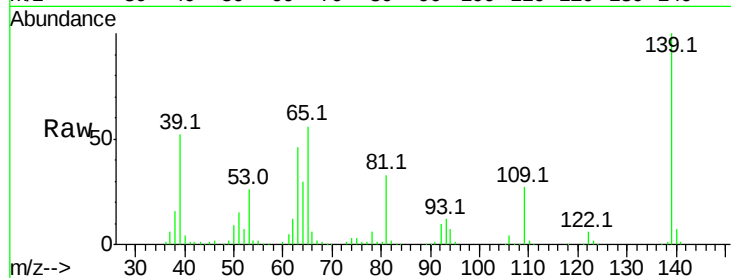




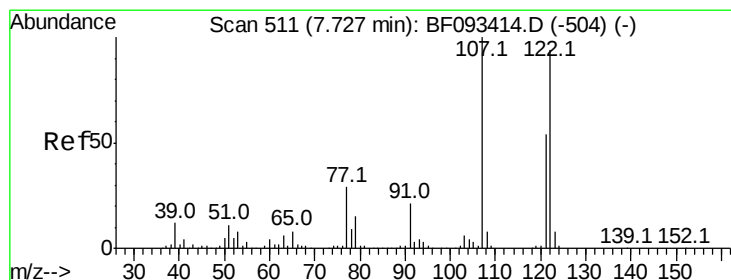
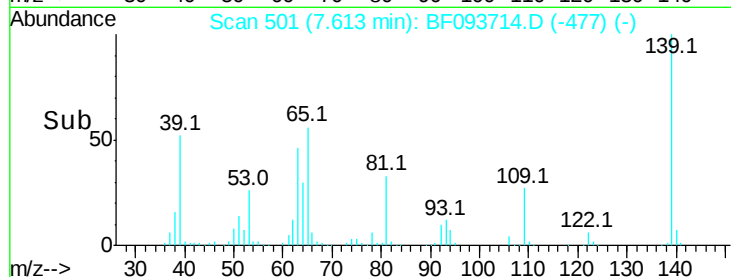
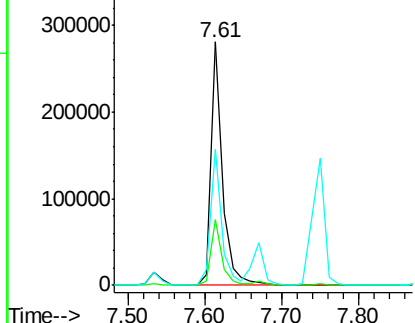
#26
2-Nitrophenol
Concen: 42.60 ng
RT: 7.61 min Scan# 501
Delta R.T. -0.02 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion:139 Resp: 286062
Ion Ratio Lower Upper
139 100
109 27.0 23.3 34.9
65 55.7 42.7 64.1

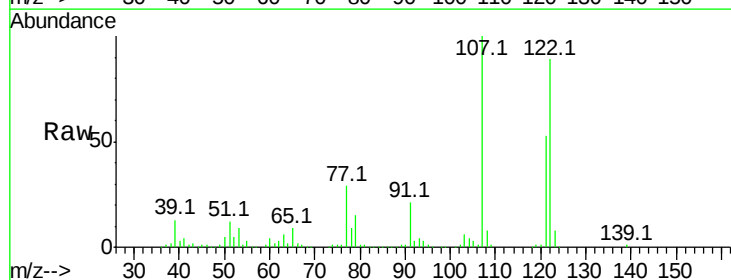


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

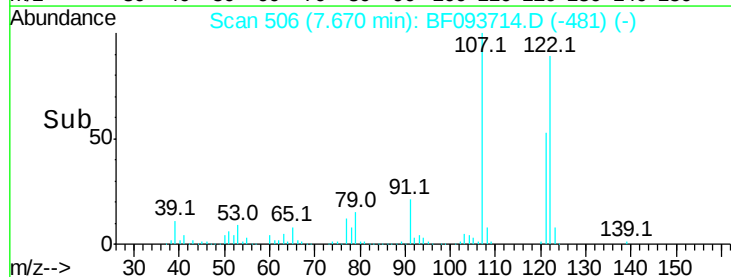
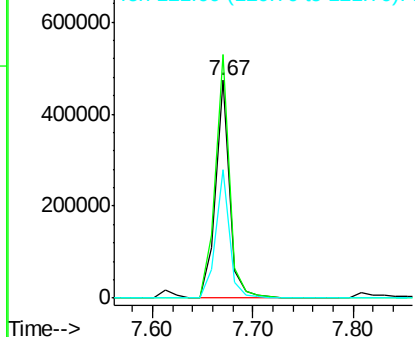


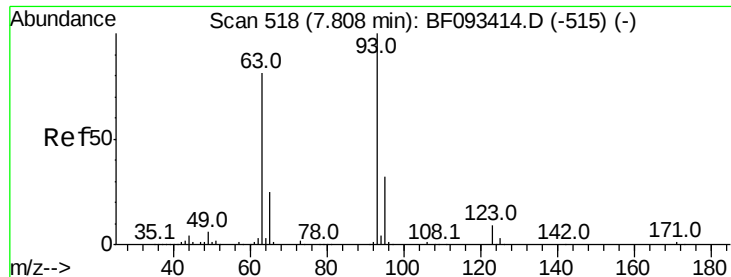
#27
2,4-Dimethylphenol
Concen: 41.71 ng
RT: 7.67 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion:122 Resp: 455641
Ion Ratio Lower Upper
122 100
107 111.9 94.1 141.1
121 59.1 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

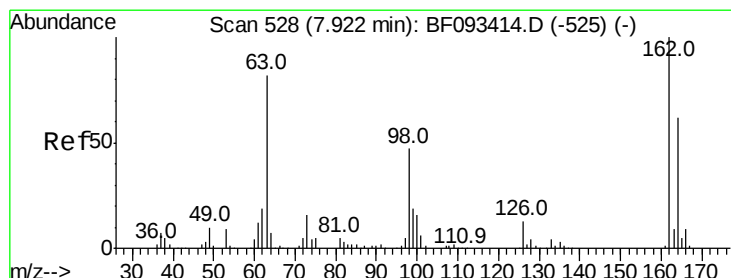
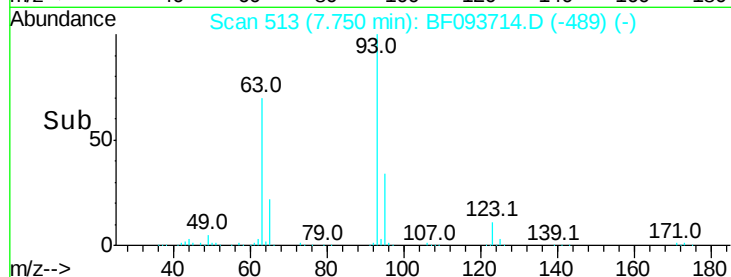
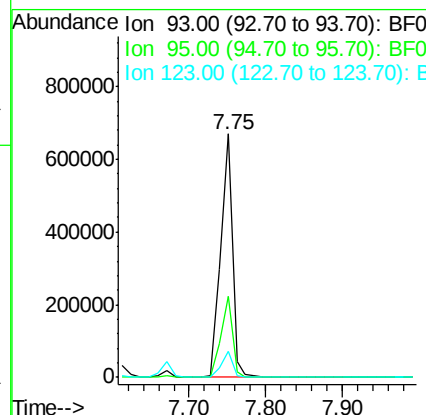
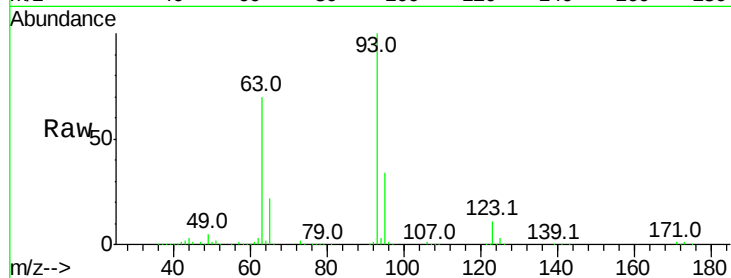




#28
bis(2-Chloroethoxy)methane
Concen: 42.44 ng
RT: 7.75 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

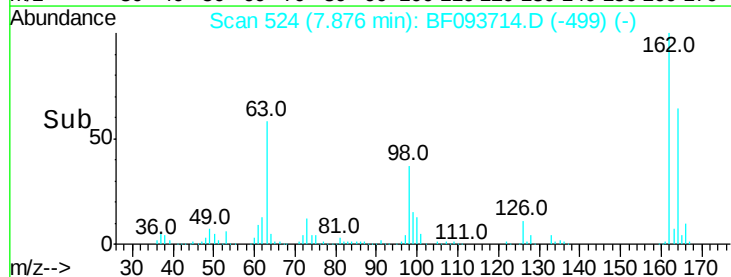
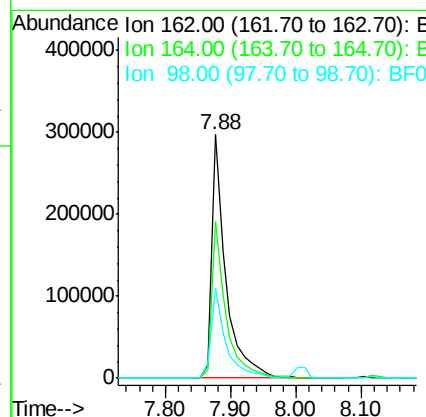
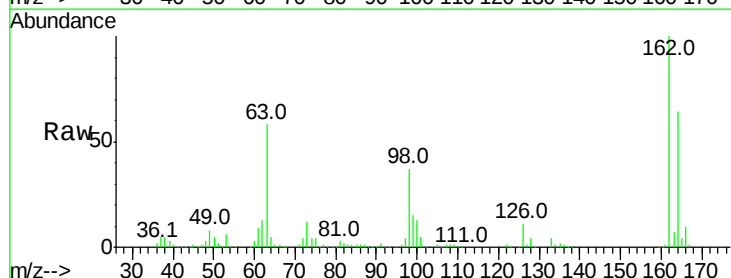
Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

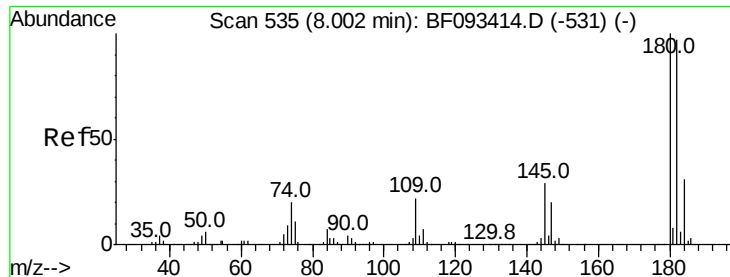
Tot Ion: 93 Resp: 707564
Ion Ratio Lower Upper
93 100
95 33.5 26.5 39.7
123 10.6 8.6 13.0



#29
2,4-Dichlorophenol
Concen: 43.60 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion: 162 Resp: 448052
Ion Ratio Lower Upper
162 100
164 64.4 46.8 86.8
98 36.9 9.1 49.1

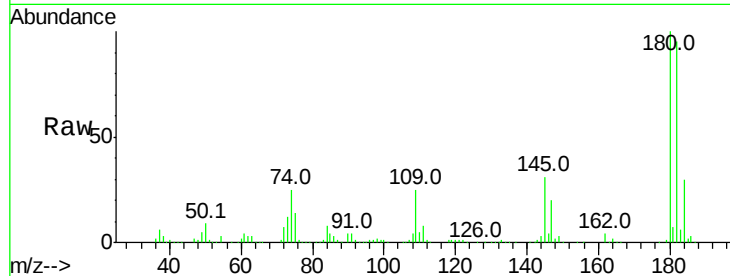




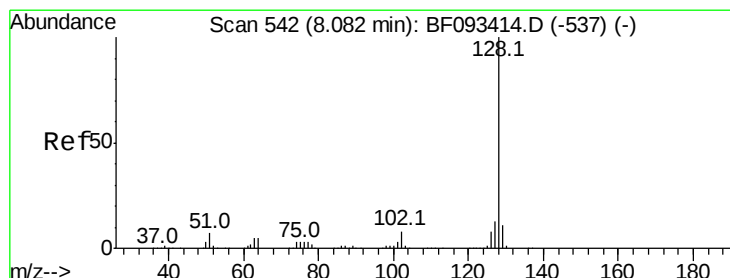
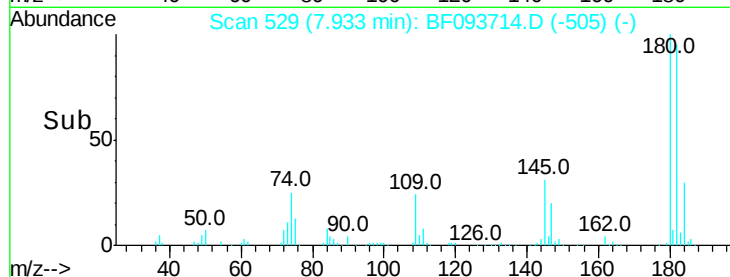
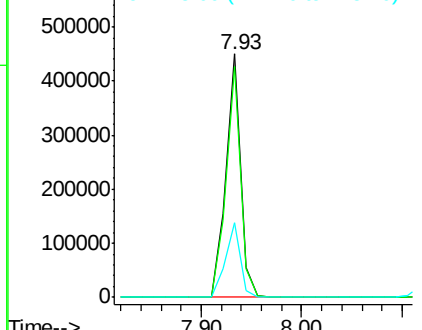
#30
 1,2,4-Trichlorobenzene
 Concen: 41.80 ng
 RT: 7.93 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: BF093714.D
 Acq: 16 Mar 2017 18:57

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

Tot Ion:180 Resp: 456779
 Ion Ratio Lower Upper
 180 100
 182 94.7 78.2 117.4
 145 30.5 21.6 32.4

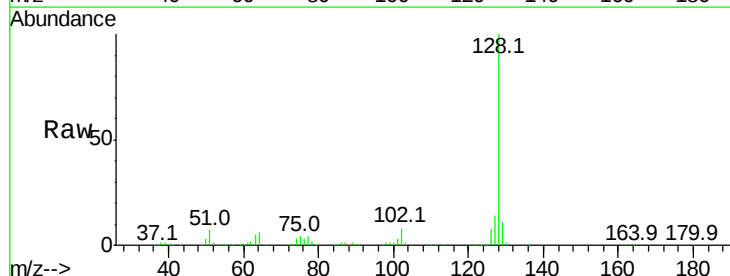


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

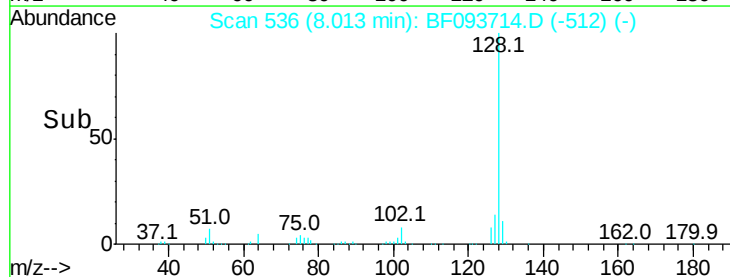
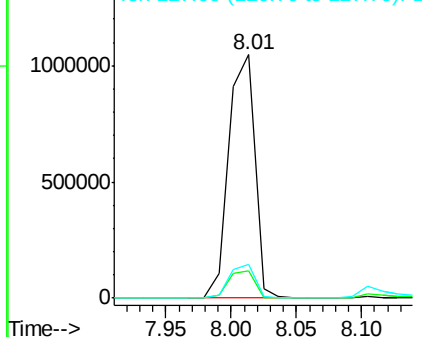


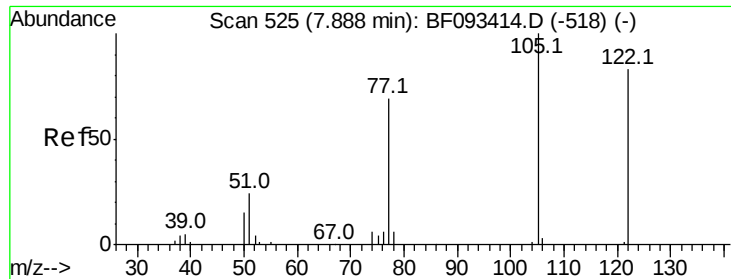
#31
 Naphthalene
 Concen: 39.94 ng
 RT: 8.01 min Scan# 536
 Delta R.T. -0.02 min
 Lab File: BF093714.D
 Acq: 16 Mar 2017 18:57

Tgt Ion:128 Resp: 1454301
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.5 14.3
 127 13.8 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: 4.21 ng

RT: 7.81 min Scan# 518

Delta R.T. -0.05 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

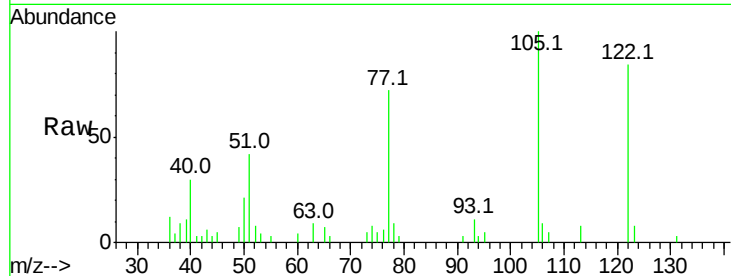
Tot Ion:122 Resp: 23872

Ion Ratio Lower Upper

122 100

105 119.6 107.2 147.2

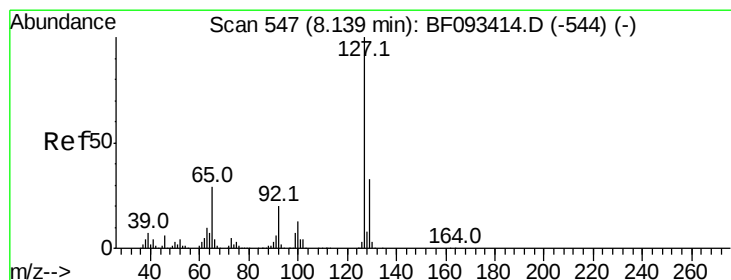
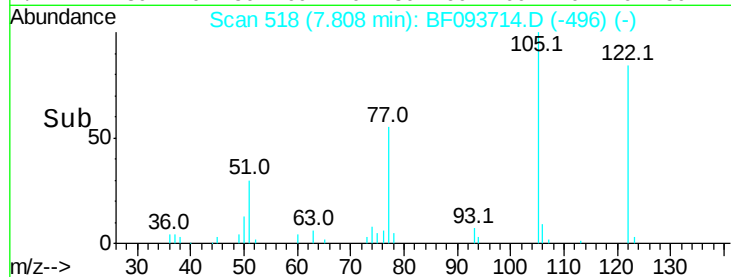
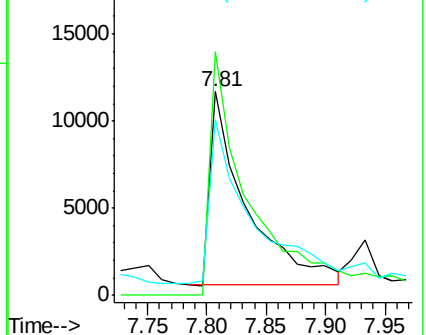
77 86.5 74.5 114.5



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: 7.24 ng

RT: 8.10 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Tgt Ion:127 Resp: 107022

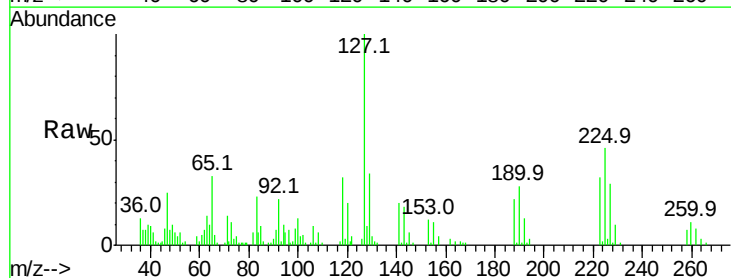
Ion Ratio Lower Upper

127 100

129 34.2 26.3 39.5

65 33.3 25.8 38.8

92 21.6 16.1 24.1

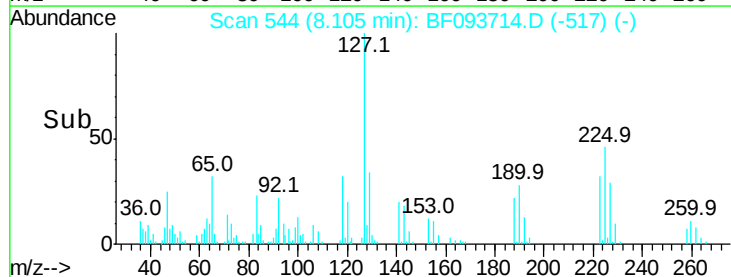
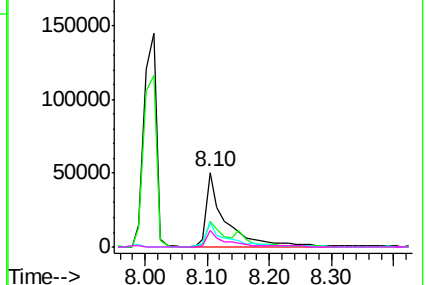


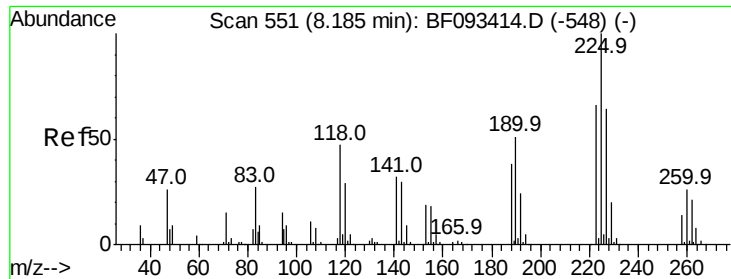
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

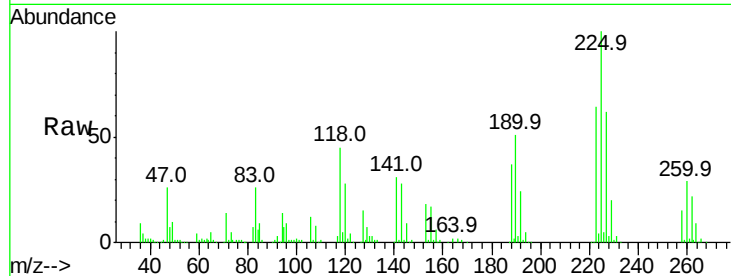




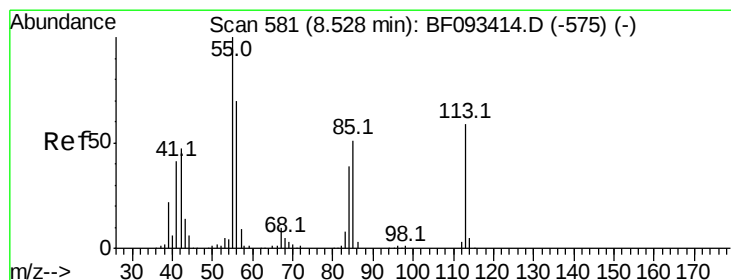
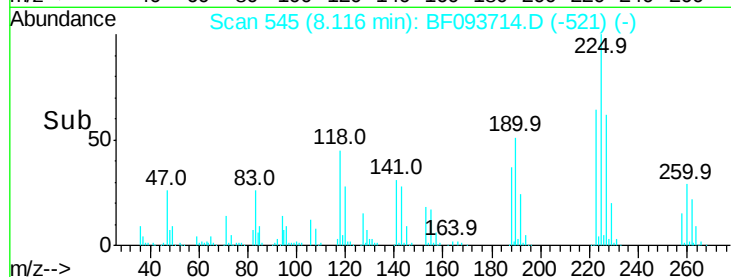
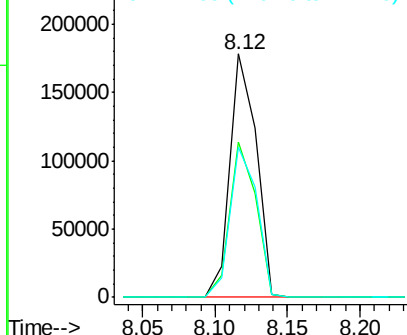
#34
Hexachlorobutadiene
Concen: 40.04 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion:225 Resp: 225401
Ion Ratio Lower Upper
225 100
223 63.9 51.0 76.6
227 61.8 50.6 76.0

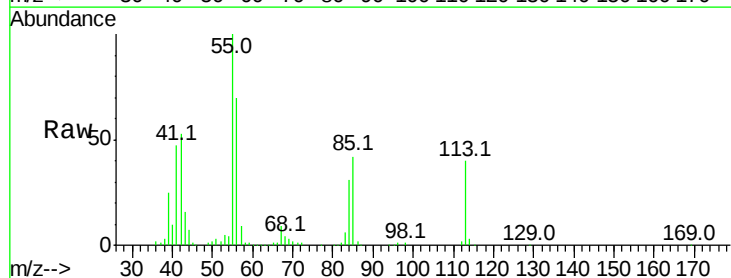


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

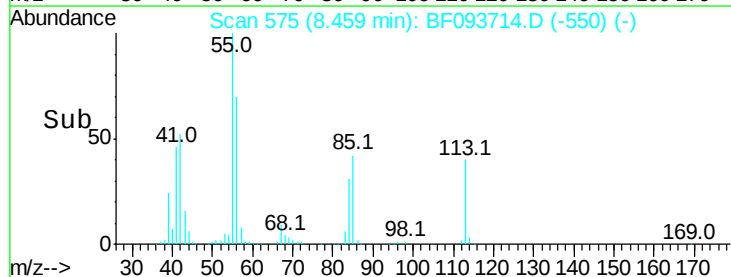
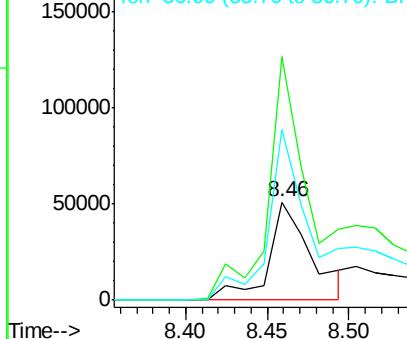


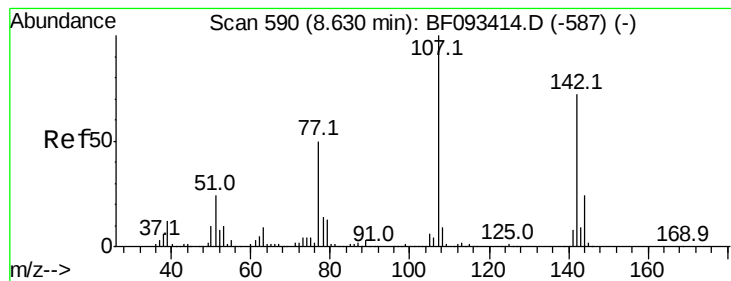
#35
Caprolactam
Concen: 26.36 ng
RT: 8.46 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion:113 Resp: 92510
Ion Ratio Lower Upper
113 100
55 248.8 119.2 159.2#
56 175.0 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: 42.50 ng

RT: 8.58 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

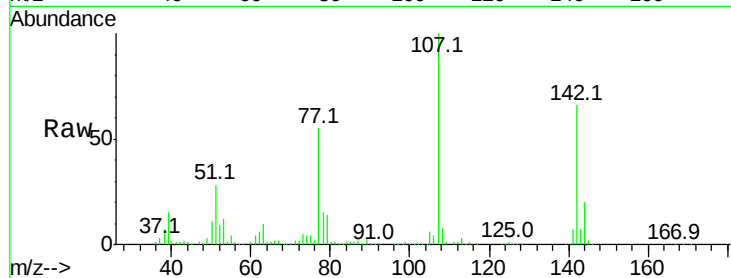
Tot Ion:107 Resp: 466135

Ion Ratio Lower Upper

107 100

144 20.3 19.3 28.9

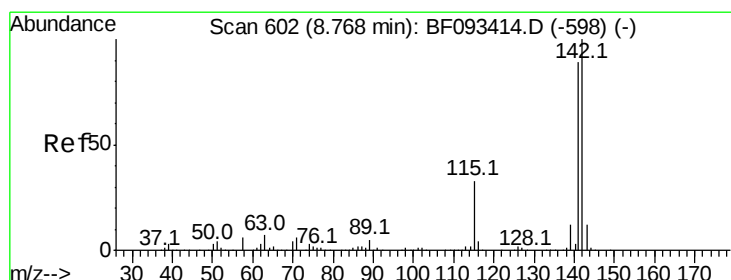
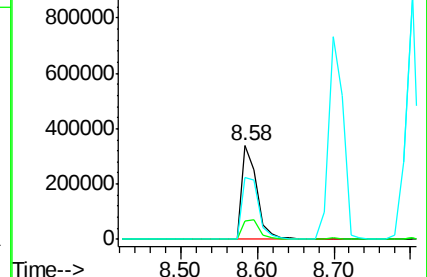
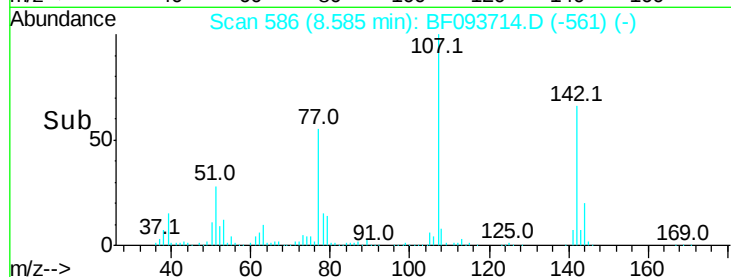
142 65.9 59.0 88.6



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: 40.52 ng

RT: 8.70 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

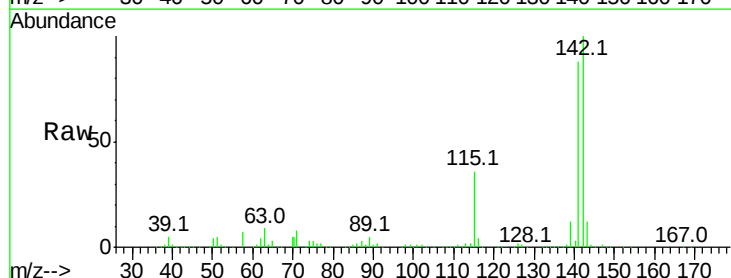
Tgt Ion:142 Resp: 938740

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6

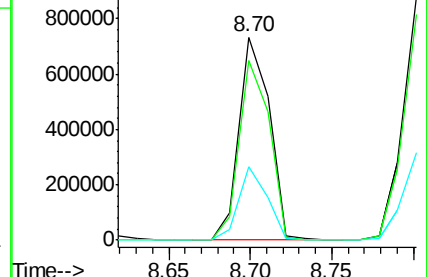
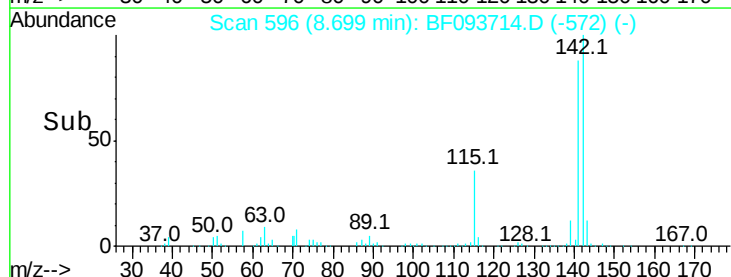
115 36.4 28.3 42.5

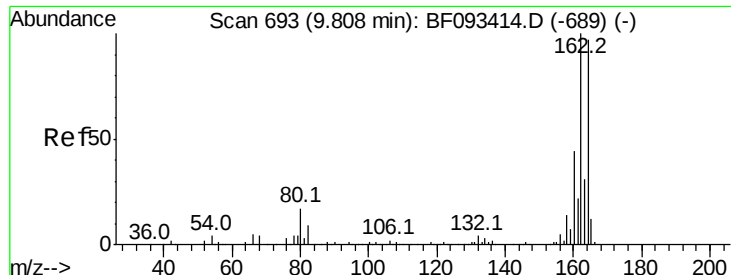


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

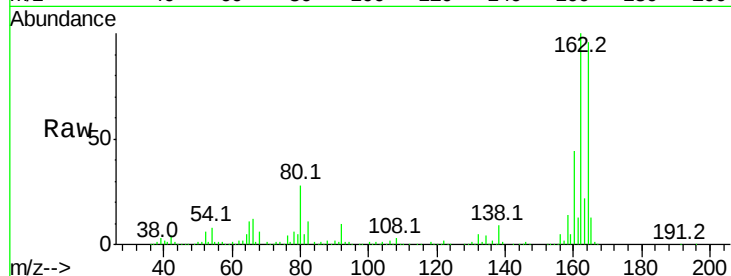
Tot Ion:164 Resp: 338411

Ion Ratio Lower Upper

164 100

162 104.4 80.2 120.2

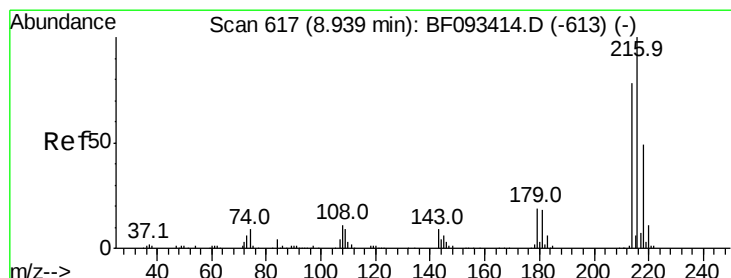
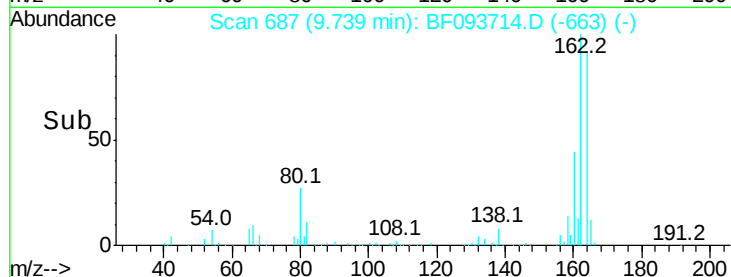
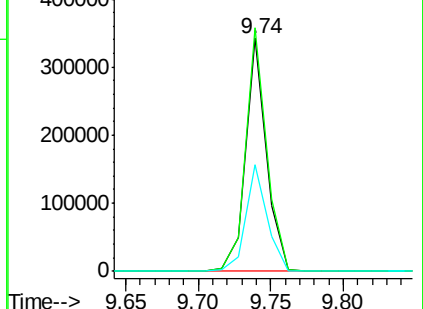
160 45.7 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.49 ng

RT: 8.87 min Scan# 611

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Tgt Ion:216 Resp: 411155

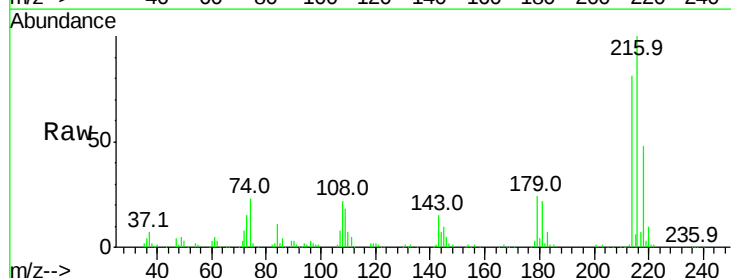
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 22.3 17.4 26.2

108 22.5 15.6 23.4

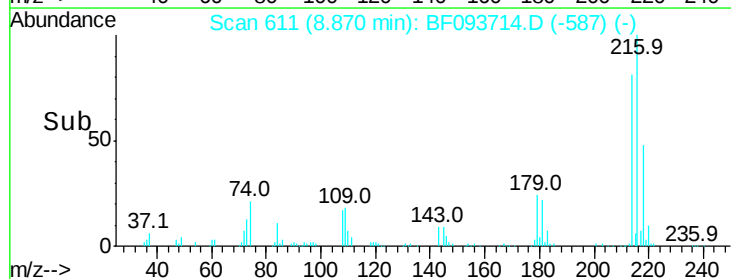
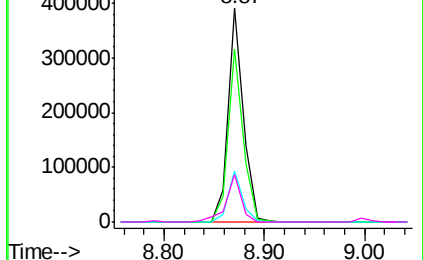


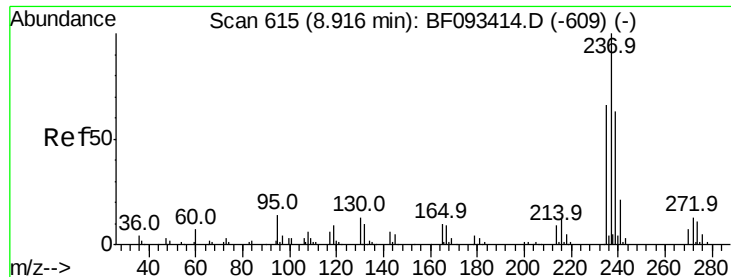
Abundance Ion 216.00 (215.70 to 216.70): E

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

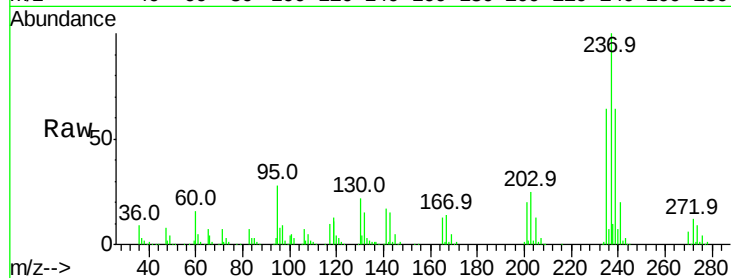




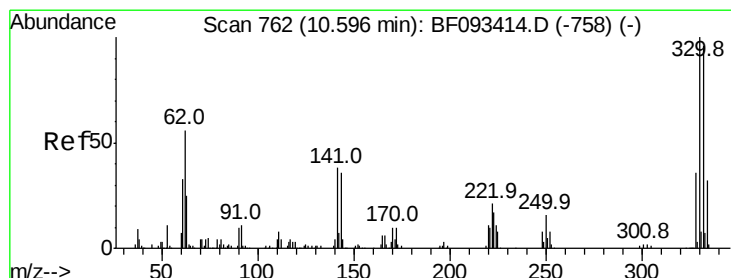
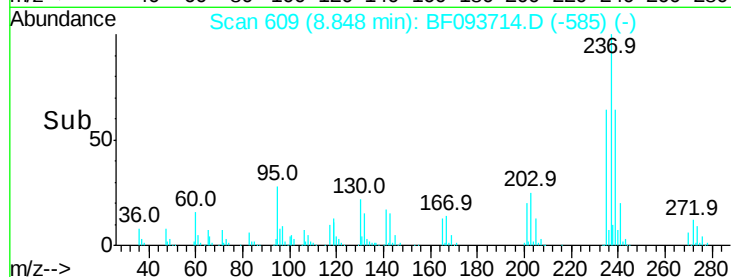
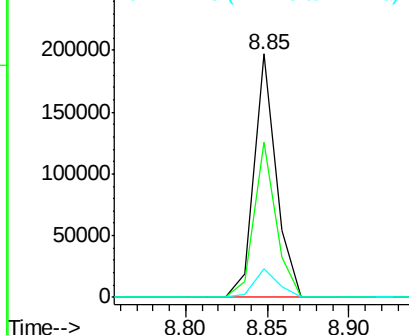
#40
Hexachlorocyclopentadiene
Concen: 79.98 ng
RT: 8.85 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion:237 Resp: 186477
Ion Ratio Lower Upper
237 100
235 63.5 41.2 81.2
272 11.7 0.0 35.4

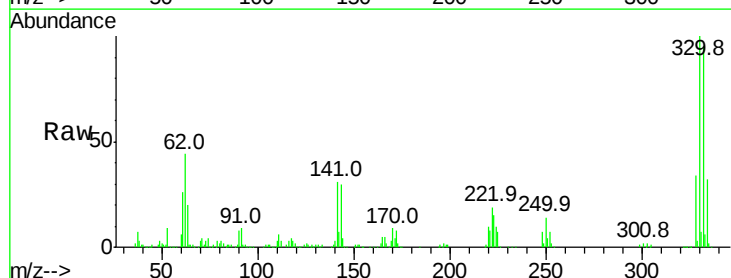


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

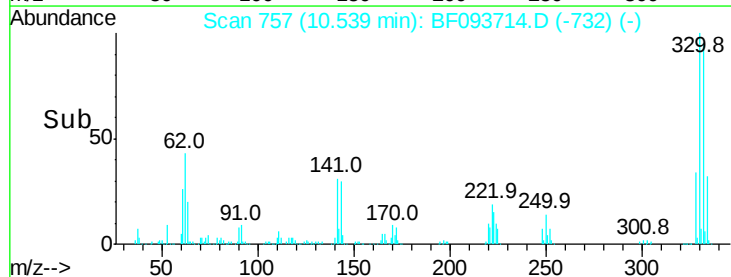
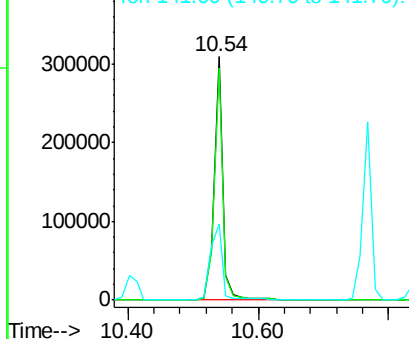


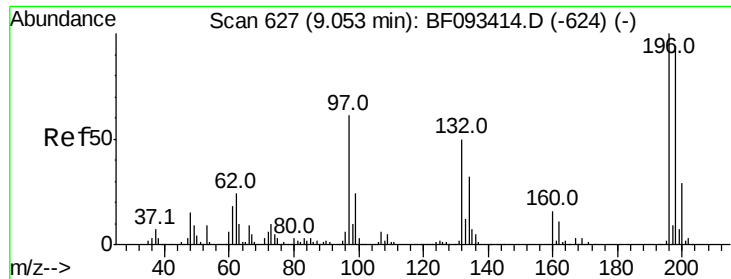
#41
2,4,6-Tribromophenol
Concen: 134.69 ng
RT: 10.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion:330 Resp: 296962
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 41.7 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

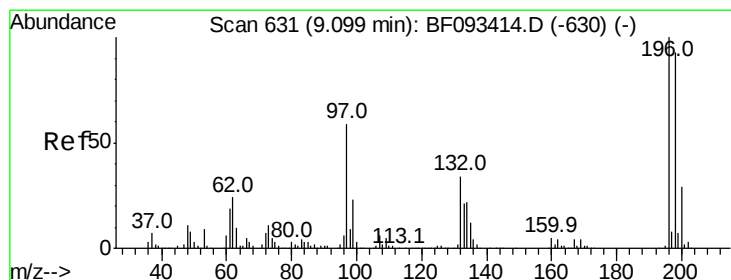
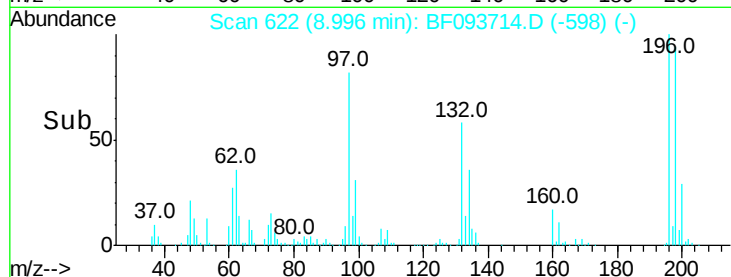
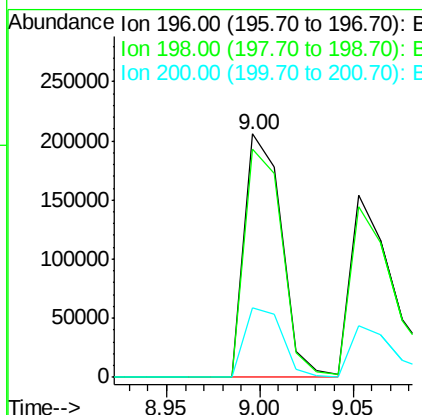
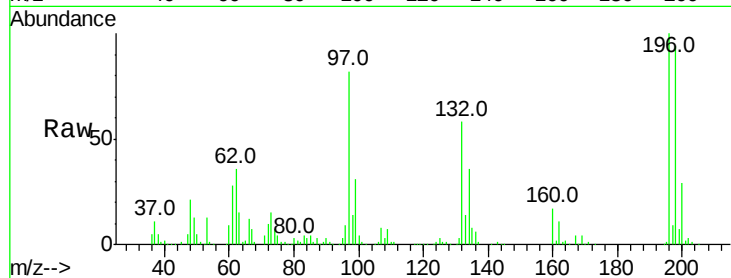




#42
 2,4,6-Trichlorophenol
 Concen: 49.22 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093714.D
 Acq: 16 Mar 2017 18:57

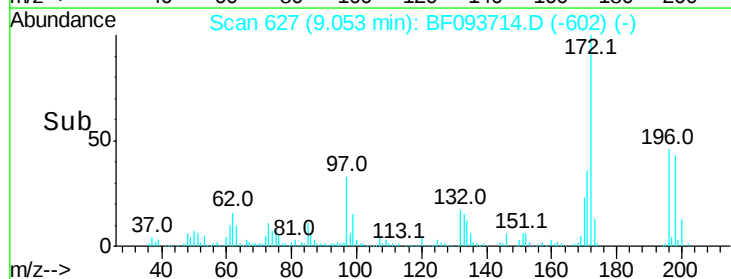
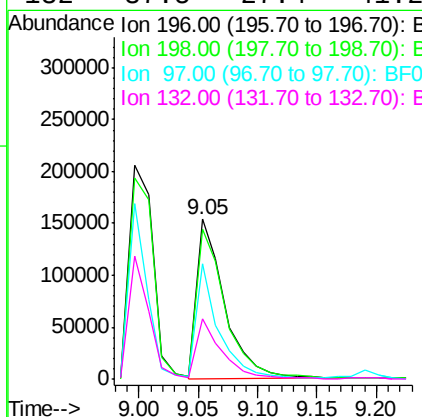
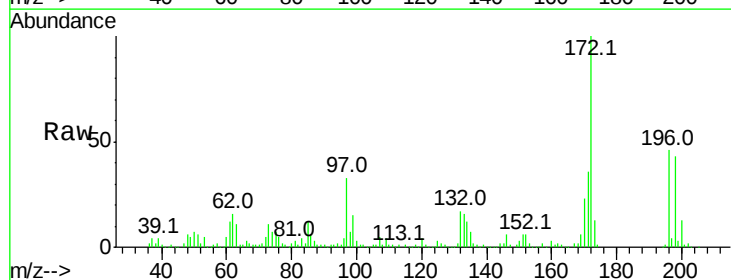
Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

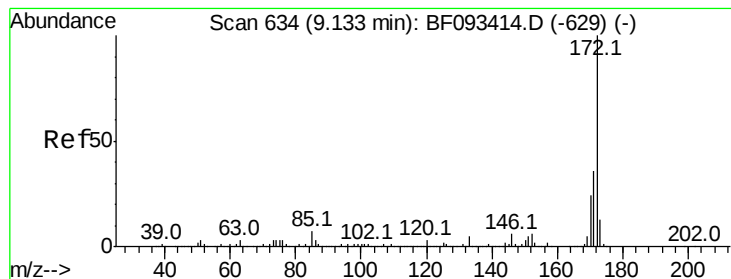
Tot Ion:196 Resp: 284197
 Ion Ratio Lower Upper
 196 100
 198 93.9 82.1 123.1
 200 28.5 27.0 40.4



#43
 2,4,5-Trichlorophenol
 Concen: 40.73 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF093714.D
 Acq: 16 Mar 2017 18:57

Tgt Ion:196 Resp: 252315
 Ion Ratio Lower Upper
 196 100
 198 93.8 79.4 119.2
 97 72.0 51.5 77.3
 132 37.5 27.4 41.2

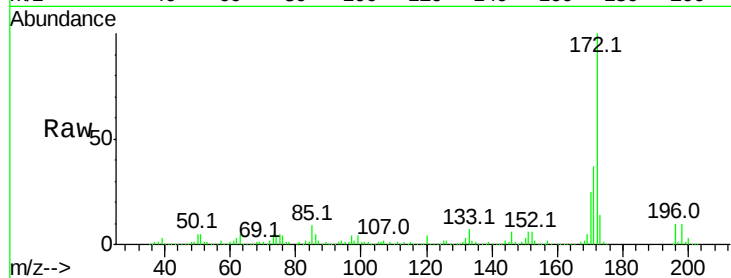




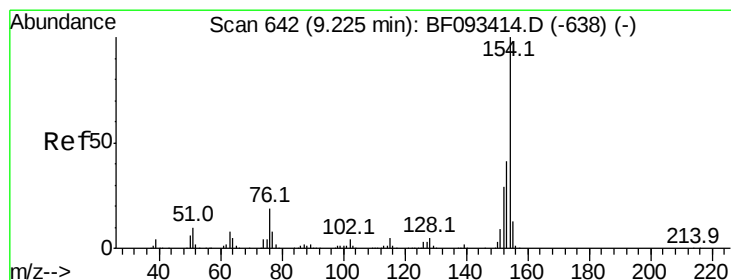
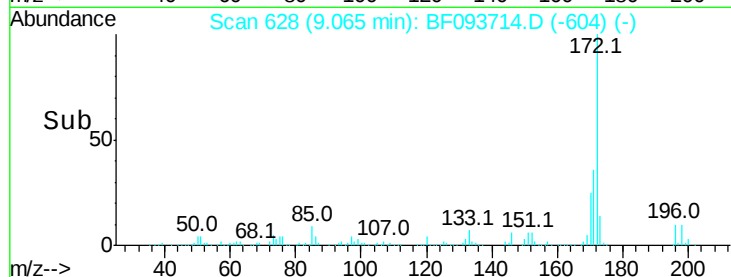
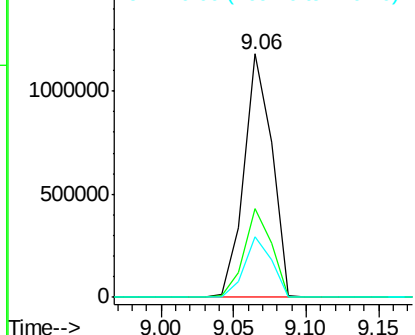
#44
2-Fluorobiphenyl
Concen: 86.70 ng
RT: 9.06 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion:172 Resp: 1577452
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 25.0 20.2 30.4

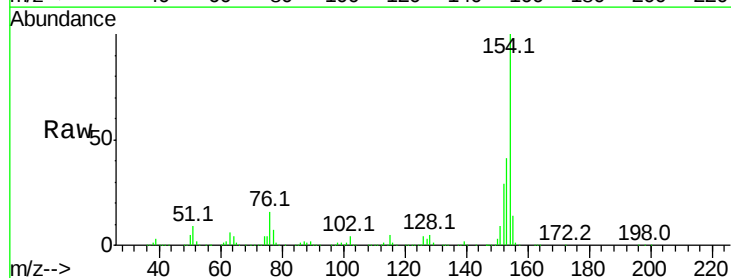


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

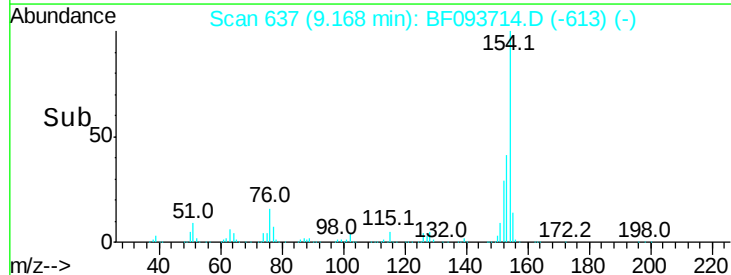
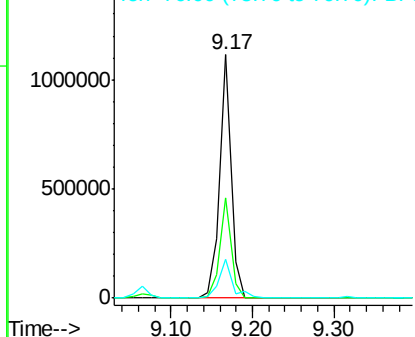


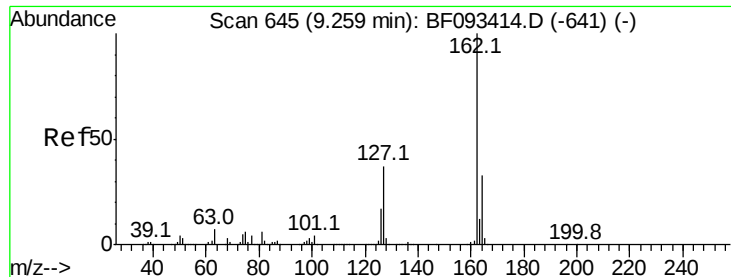
#45
1,1'-Biphenyl
Concen: 44.29 ng
RT: 9.17 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion:154 Resp: 1091833
Ion Ratio Lower Upper
154 100
153 41.1 20.9 60.9
76 16.1 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

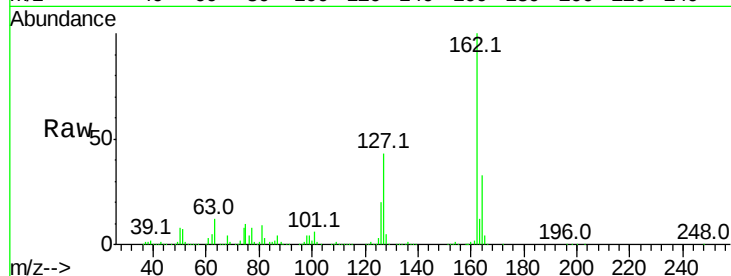




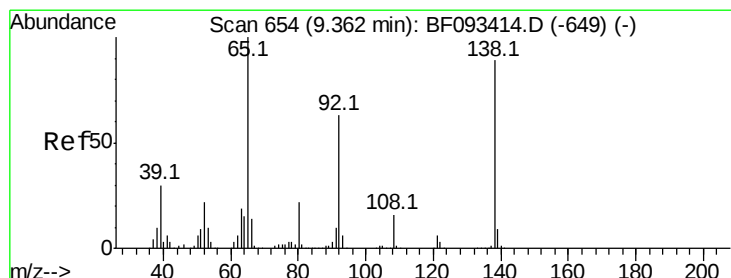
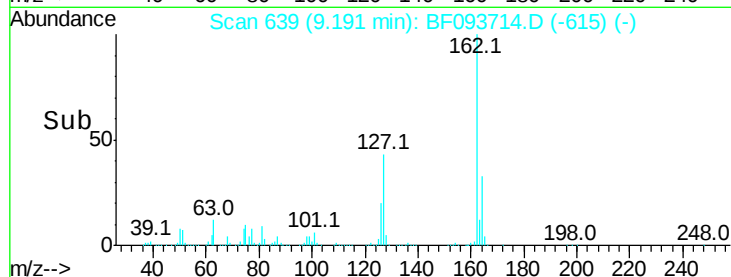
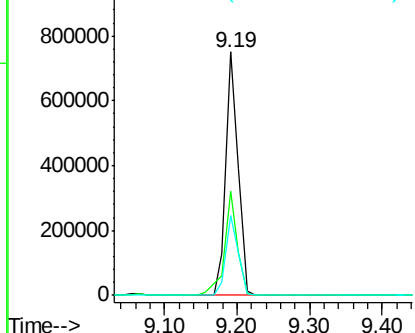
#46
2-Chloronaphthalene
Concen: 47.06 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion:162 Resp: 888107
Ion Ratio Lower Upper
162 100
127 42.8 30.7 46.1
164 32.6 27.6 41.4

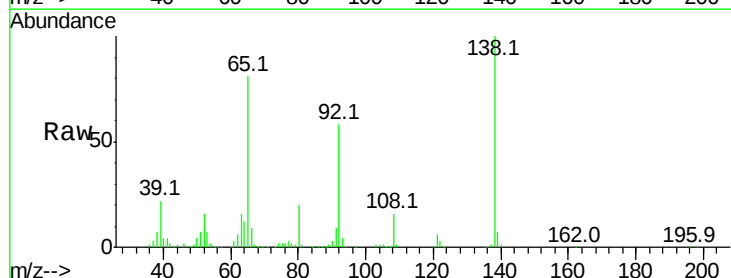


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

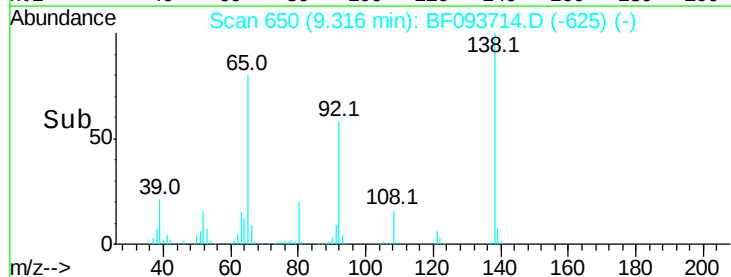
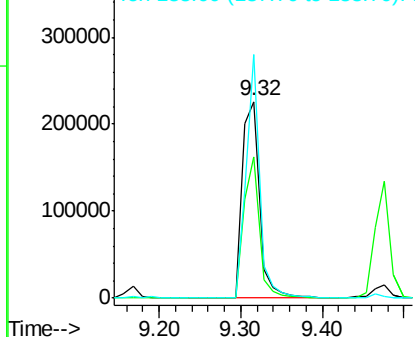


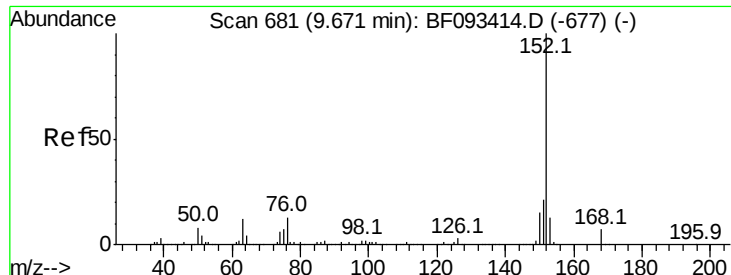
#47
2-Nitroaniline
Concen: 50.40 ng
RT: 9.32 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion: 65 Resp: 336200
Ion Ratio Lower Upper
65 100
92 72.1 53.9 80.9
138 124.1 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): E





#48

Acenaphthylene

Concen: 43.01 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

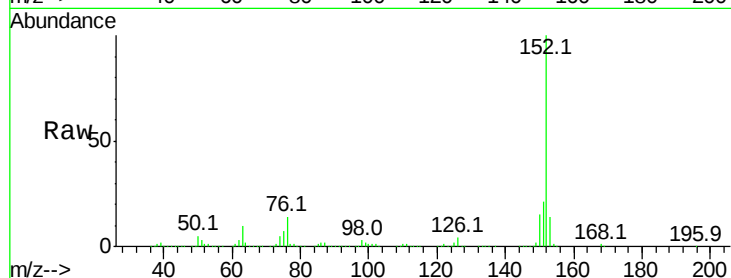
Tot Ion:152 Resp: 1338482

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

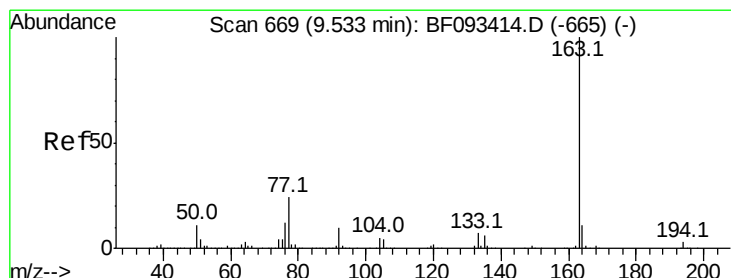
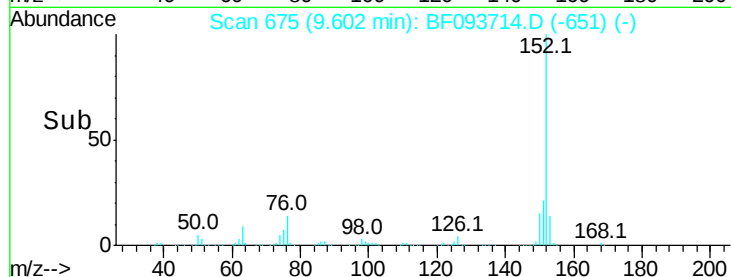
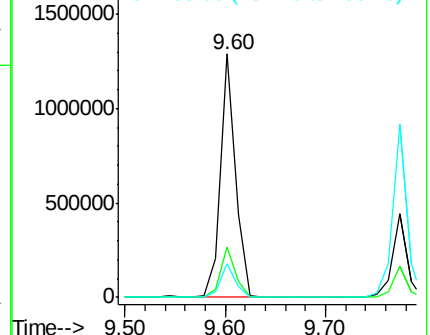
153 13.6 11.4 17.2



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: 51.55 ng

RT: 9.48 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

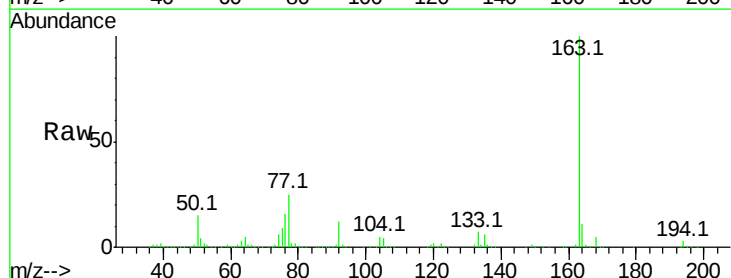
Tgt Ion:163 Resp: 1156563

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

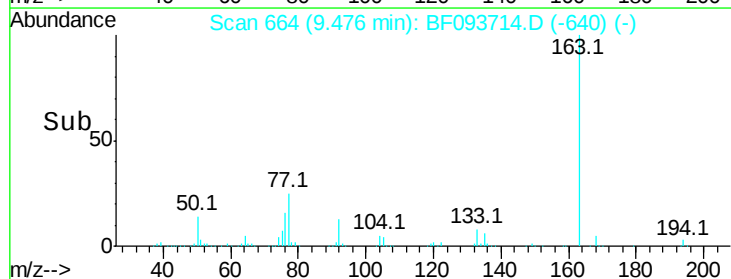
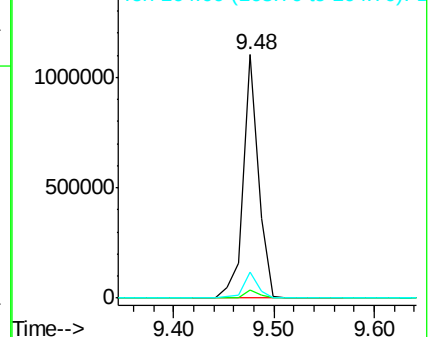
164 10.5 8.0 12.0

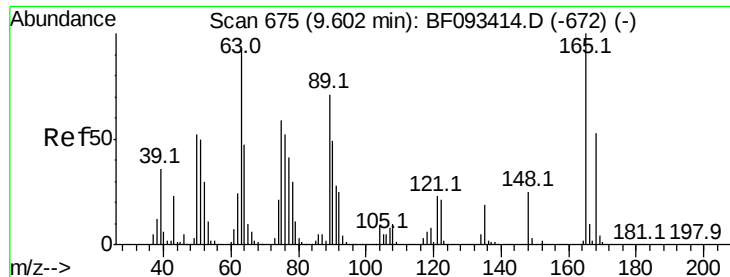


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

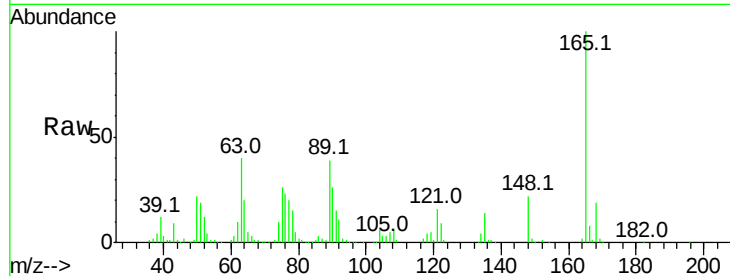




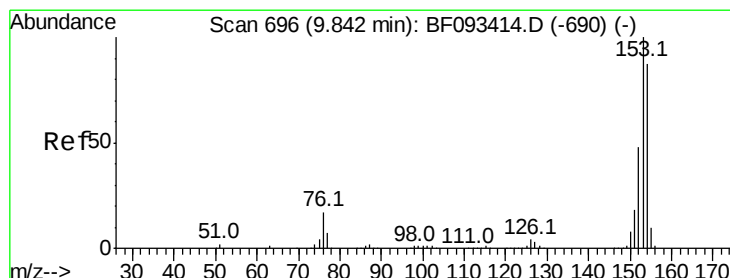
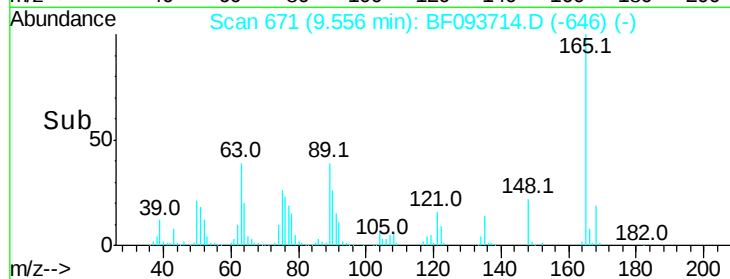
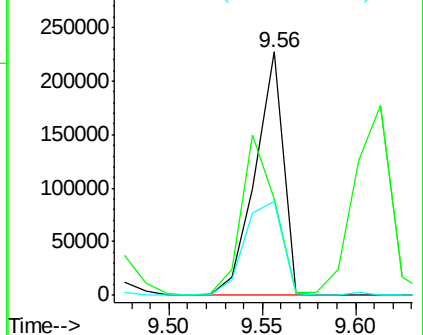
#50
2,6-Dinitrotoluene
Concen: 48.13 ng
RT: 9.56 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion:165 Resp: 236956
Ion Ratio Lower Upper
165 100
63 39.6 36.2 54.4
89 38.8 40.2 60.4#

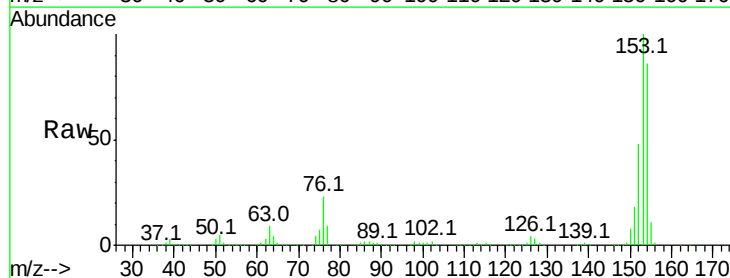


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

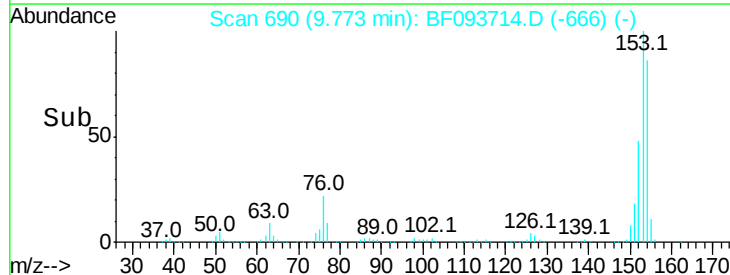
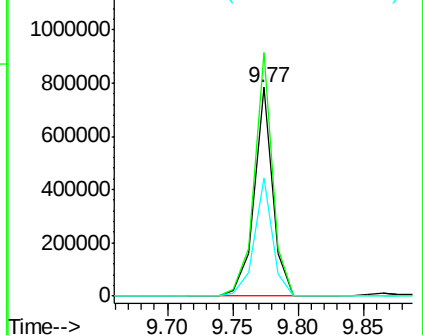


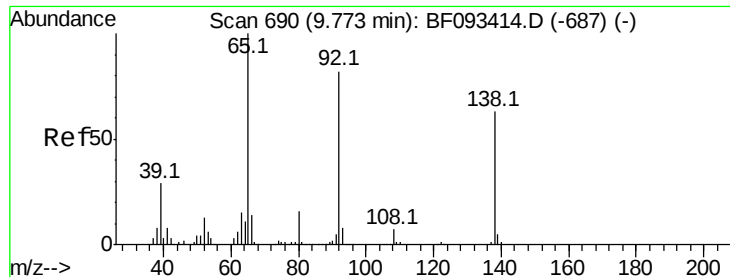
#51
Acenaphthene
Concen: 42.13 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion:154 Resp: 775349
Ion Ratio Lower Upper
154 100
153 116.6 88.6 133.0
152 56.5 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

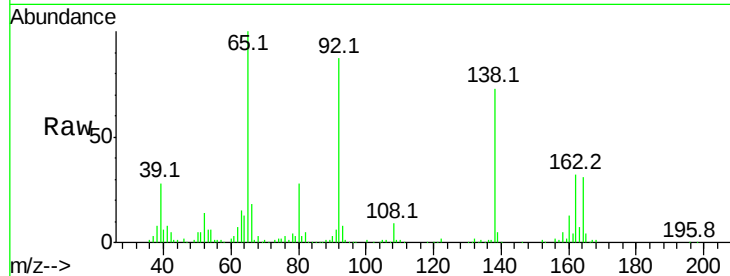




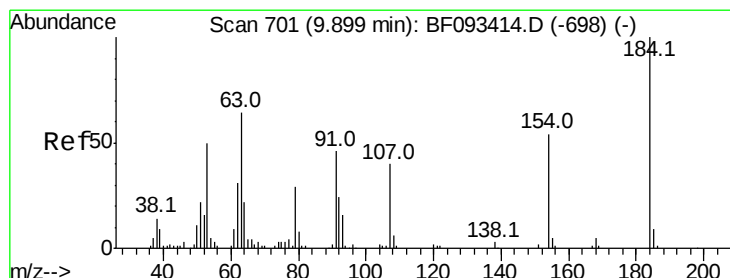
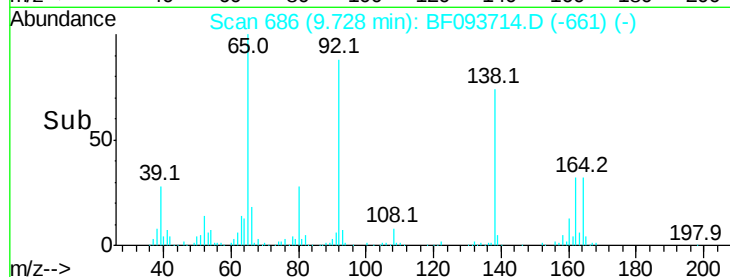
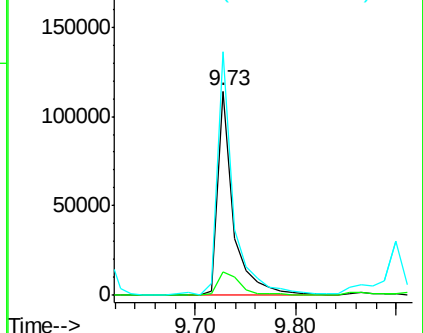
#52
3-Nitroaniline
Concen: 21.01 ng
RT: 9.73 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion:138 Resp: 124238
Ion Ratio Lower Upper
138 100
108 11.7 8.5 12.7
92 119.4 97.8 146.8

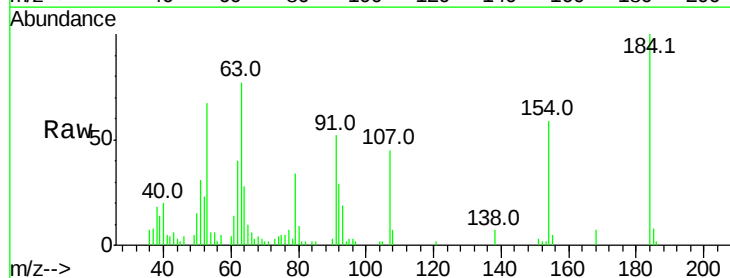


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

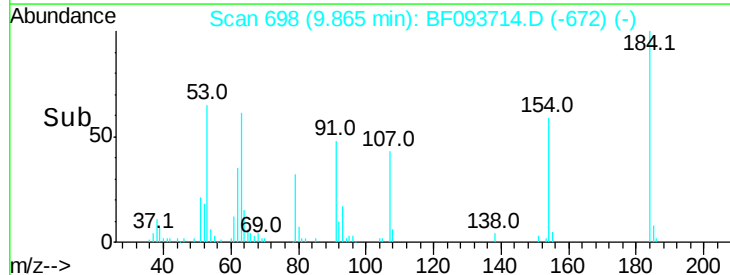
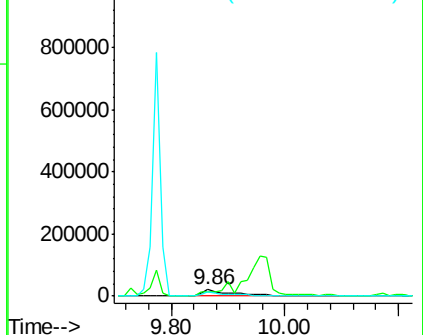


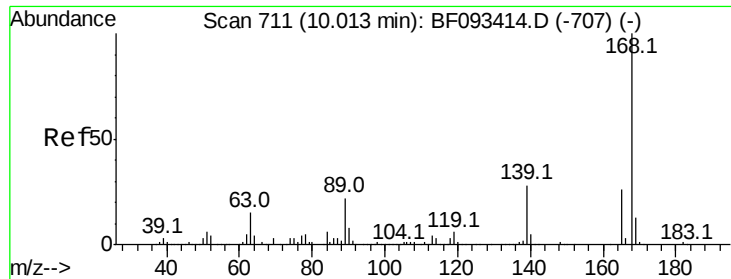
#53
2,4-Dinitrophenol
Concen: 37.26 ng
RT: 9.86 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion:184 Resp: 83526
Ion Ratio Lower Upper
184 100
63 76.9 28.4 42.6#
154 59.3 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

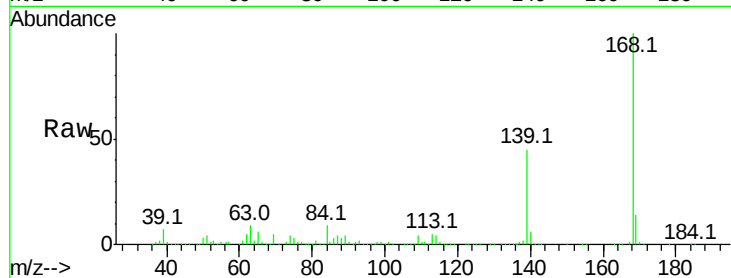




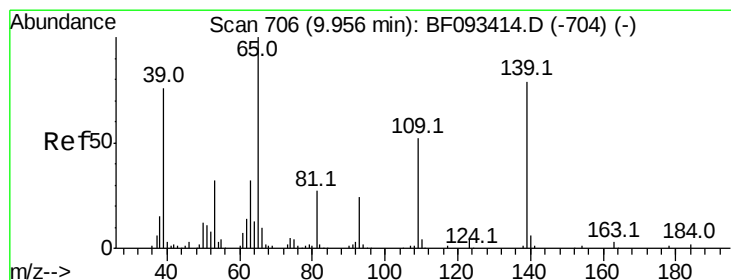
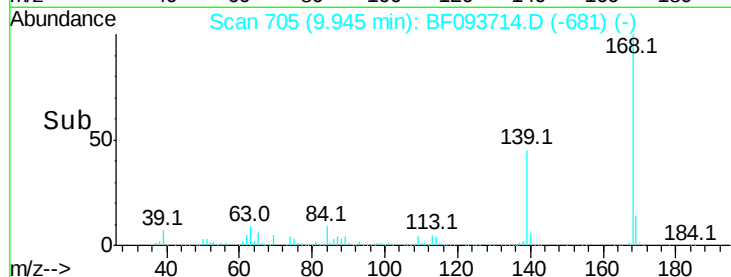
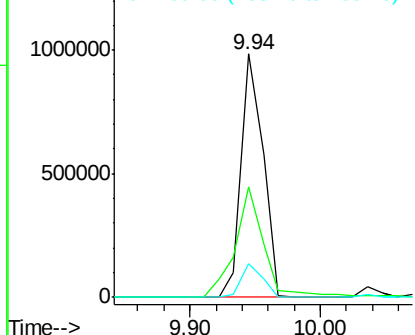
#54
Dibenzofuran
Concen: 49.92 ng
RT: 9.94 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion:168 Resp: 1149836
Ion Ratio Lower Upper
168 100
139 45.4 32.6 49.0
169 13.8 11.3 16.9

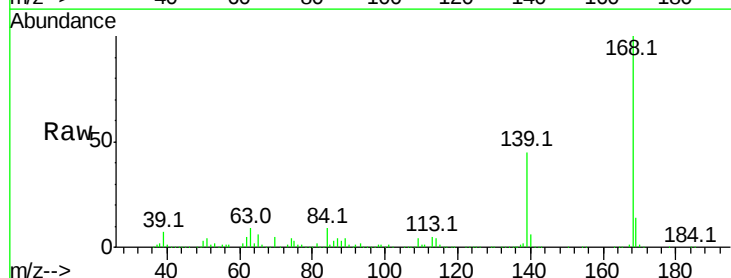


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

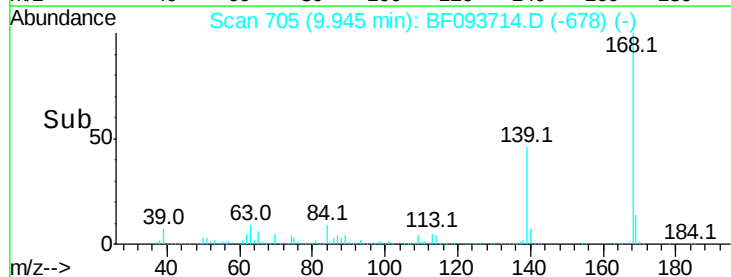
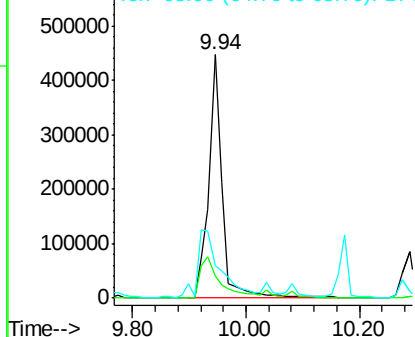


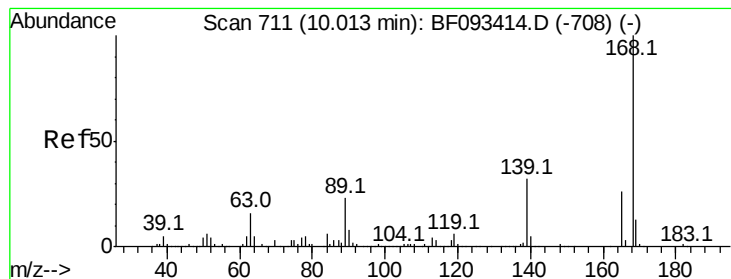
#55
4-Nitrophenol
Concen: 245.88 ng
RT: 9.94 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion:139 Resp: 706341
Ion Ratio Lower Upper
139 100
109 9.0 52.2 92.2#
65 13.6 85.8 125.8#



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





#56

2,4-Dinitrotoluene

Concen: 50.71 ng

RT: 9.97 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

Tot Ion:165 Resp: 306679

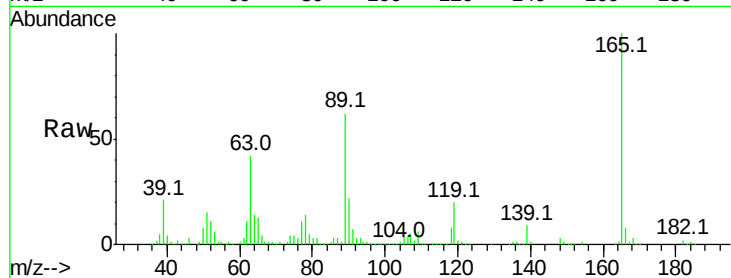
Ion Ratio Lower Upper

165 100

63 42.3 40.2 60.4

89 62.2 62.5 93.7#

182 2.3 1.8 2.8

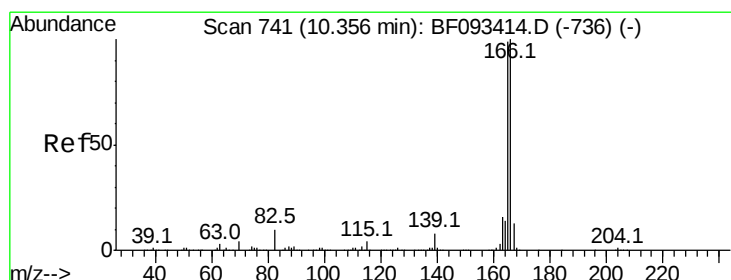
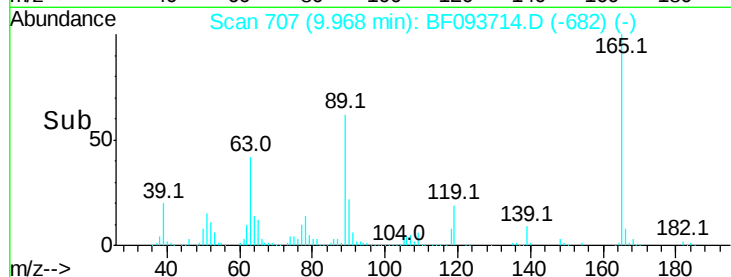
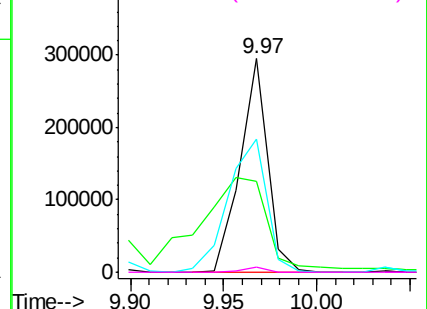


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.26 ng

RT: 10.29 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

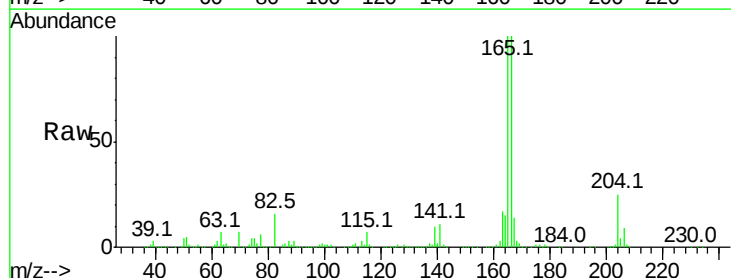
Tgt Ion:166 Resp: 844374

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.8

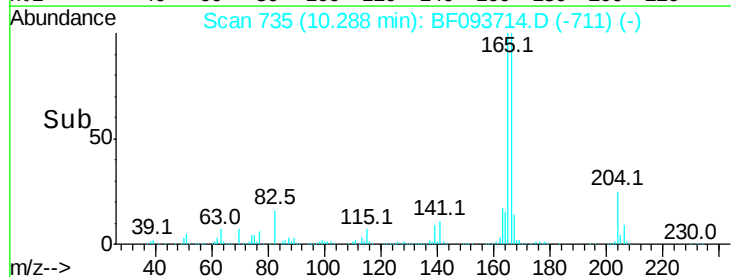
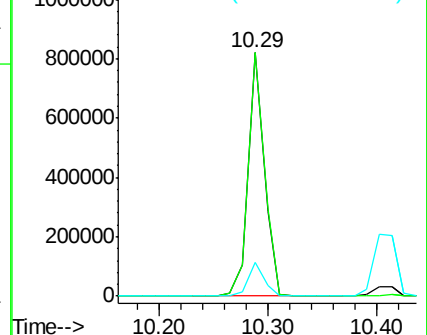
167 13.9 10.8 16.2

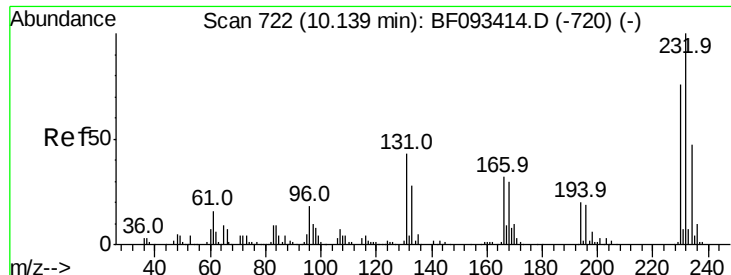


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

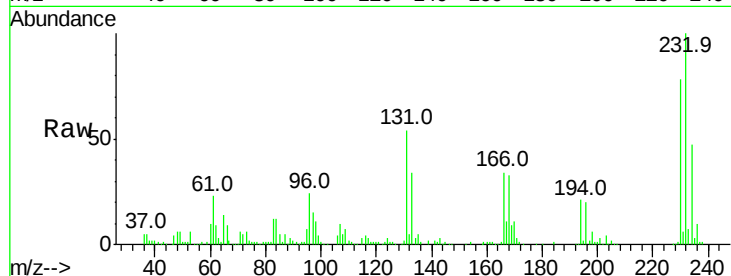




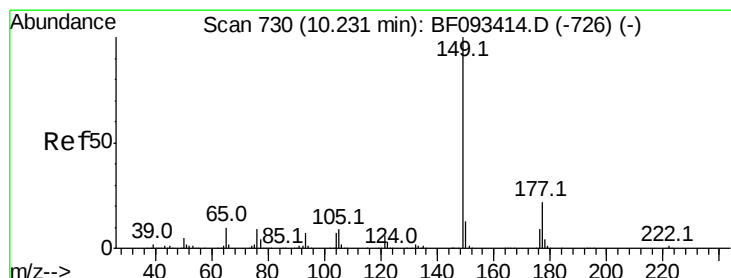
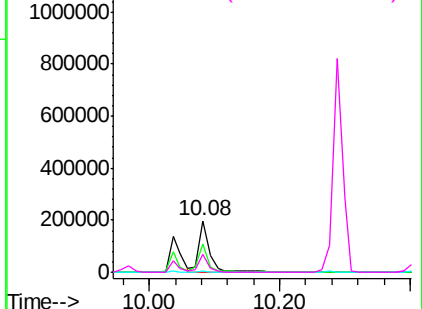
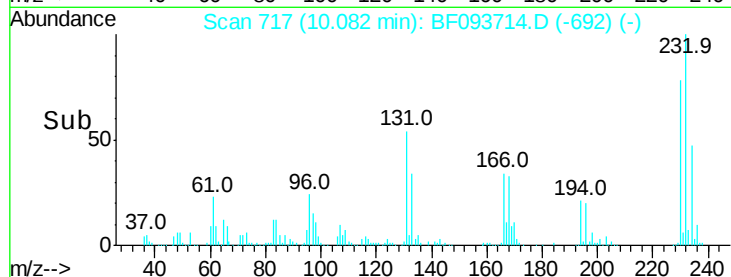
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.73 ng
 RT: 10.08 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF093714.D
 Acq: 16 Mar 2017 18:57

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

Tot Ion:232 Resp: 226143
 Ion Ratio Lower Upper
 232 100
 131 46.4 40.1 60.1
 130 2.5 1.8 2.8
 166 31.7 26.6 39.8

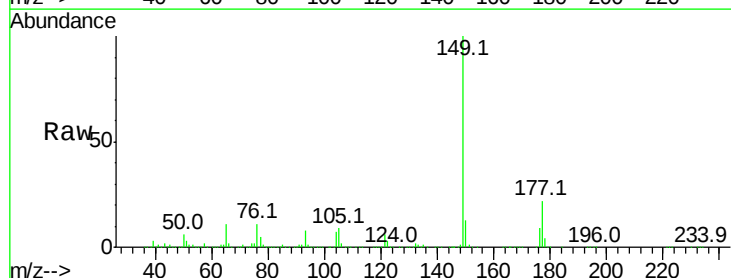


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

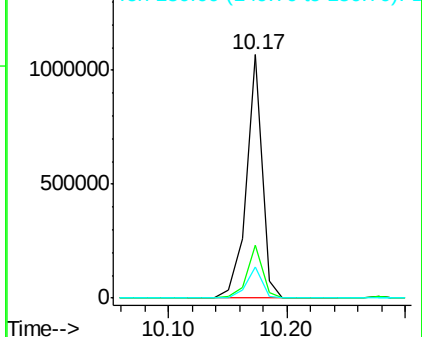
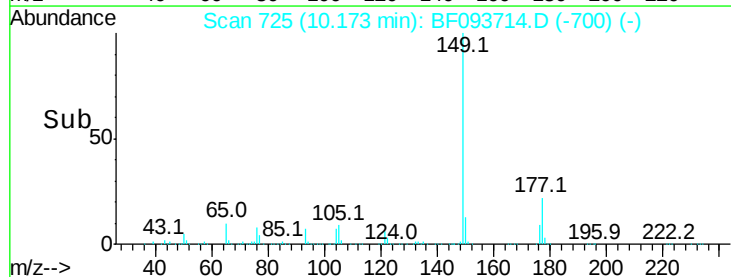


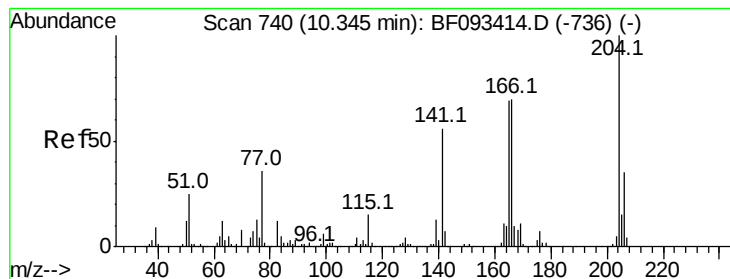
#59
 Diethylphthalate
 Concen: 46.07 ng
 RT: 10.17 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF093714.D
 Acq: 16 Mar 2017 18:57

Tgt Ion:149 Resp: 987756
 Ion Ratio Lower Upper
 149 100
 177 21.7 16.6 25.0
 150 12.6 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: 44.43 ng

RT: 10.28 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

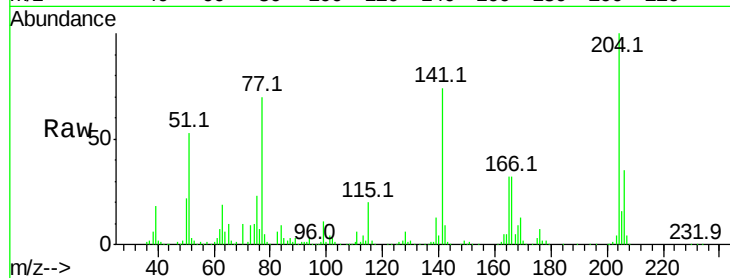
Tot Ion:204 Resp: 388744

Ion Ratio Lower Upper

204 100

206 34.8 25.8 38.6

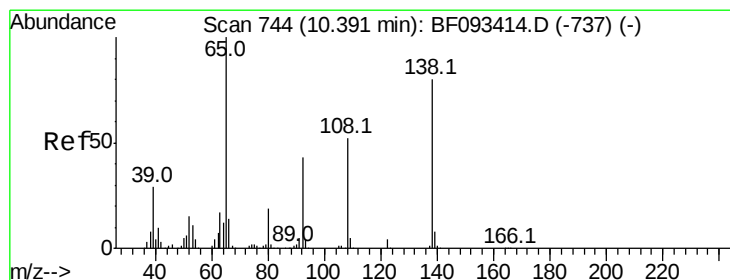
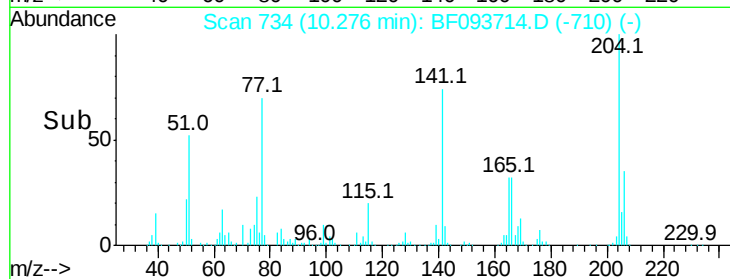
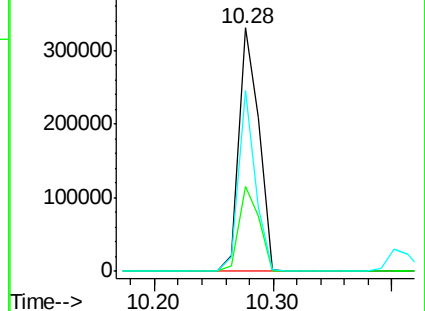
141 74.1 59.4 89.0



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: 38.09 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

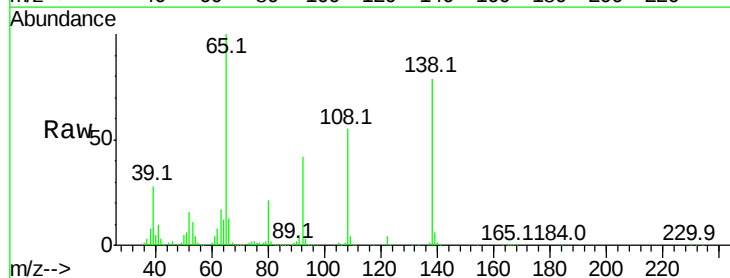
Tgt Ion:138 Resp: 230387

Ion Ratio Lower Upper

138 100

92 53.4 31.7 71.7

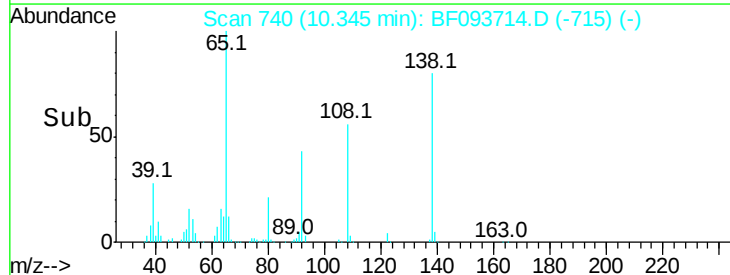
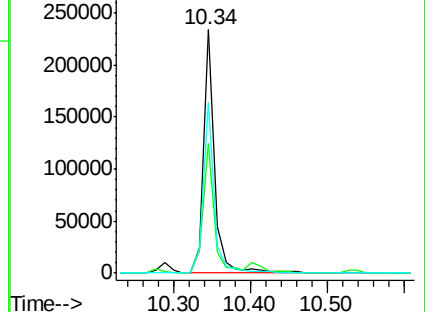
108 70.1 52.6 92.6

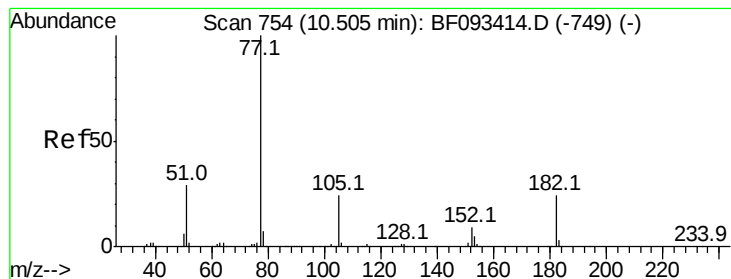


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 51.93 ng

RT: 10.44 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

Tot Ion: 77 Resp: 1265319

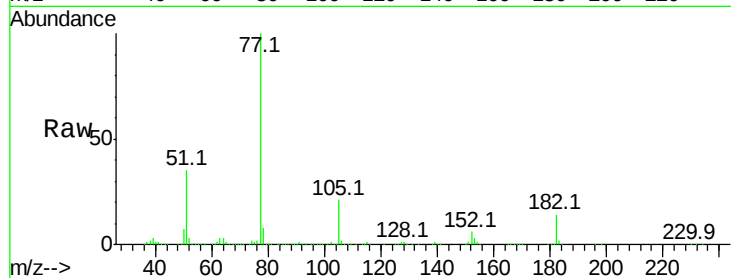
Ion Ratio Lower Upper

77 100

182 14.5 0.0 39.3

105 20.9 2.3 42.3

51 34.9 8.9 48.9

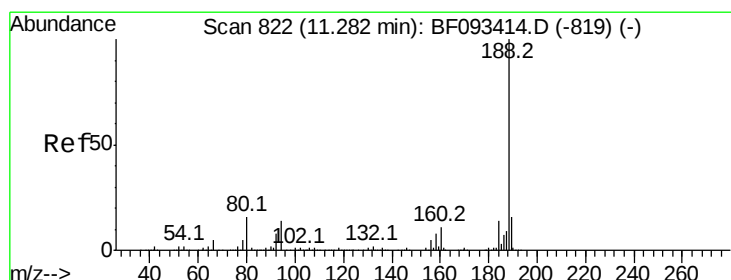
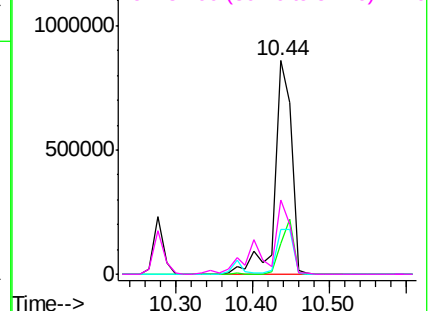
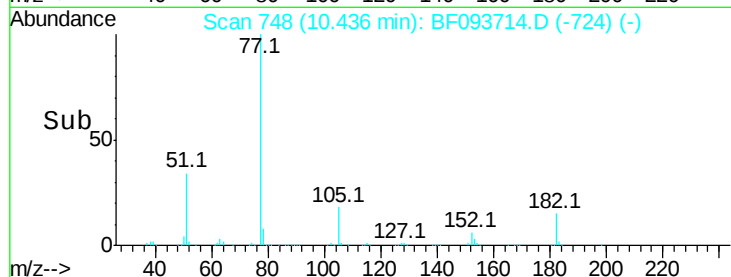


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

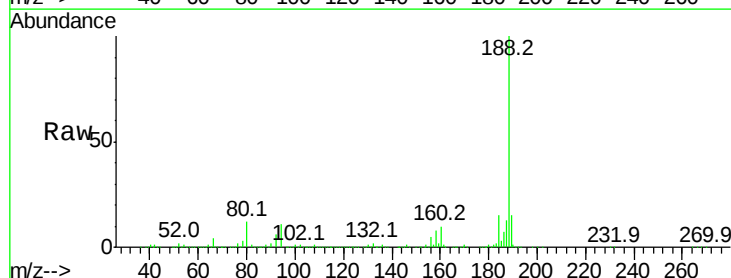
Tgt Ion: 188 Resp: 587693

Ion Ratio Lower Upper

188 100

94 10.8 10.0 15.0

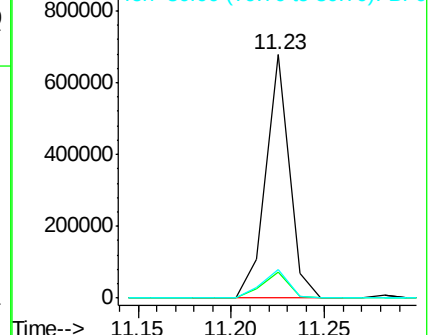
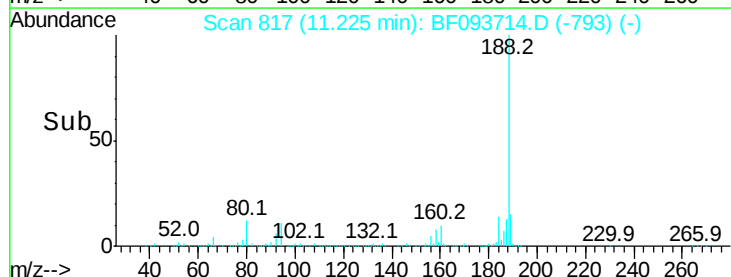
80 11.6 11.2 16.8

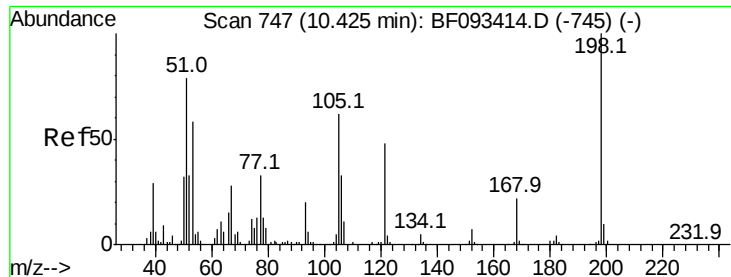


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 35.42 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

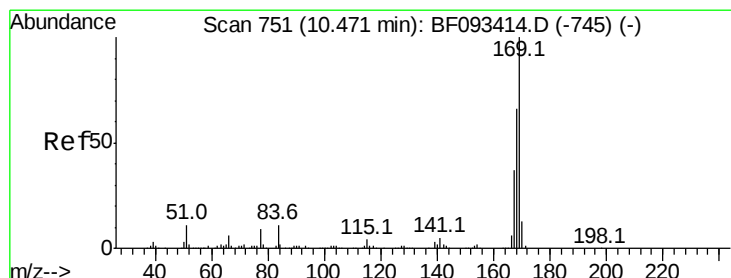
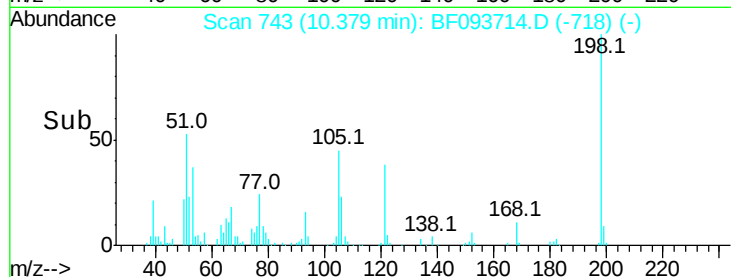
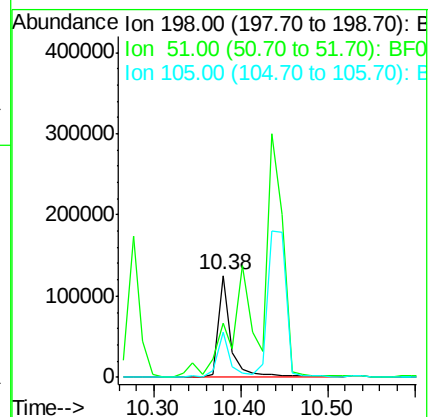
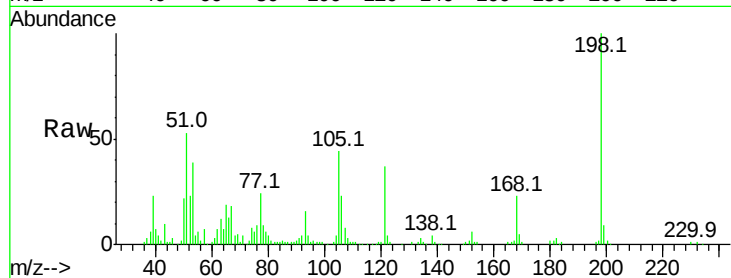
Tot Ion:198 Resp: 134849

Ion Ratio Lower Upper

198 100

51 52.7 6.7 46.7#

105 43.9 16.6 56.6



#65

n-Nitrosodiphenylamine

Concen: 40.67 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

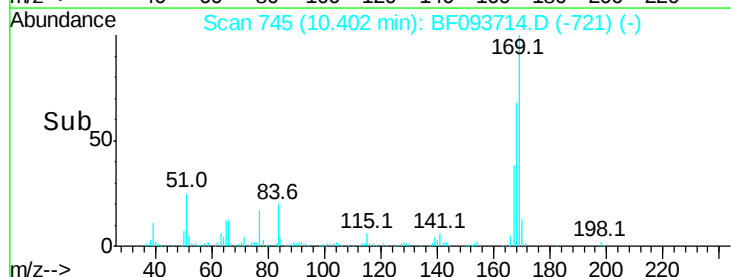
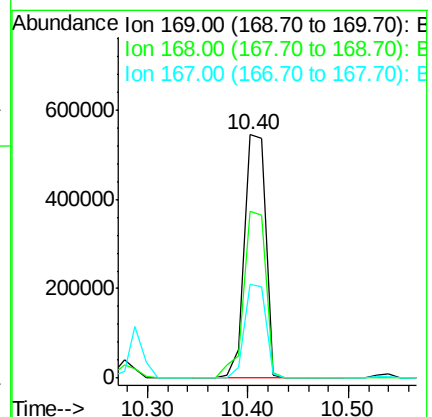
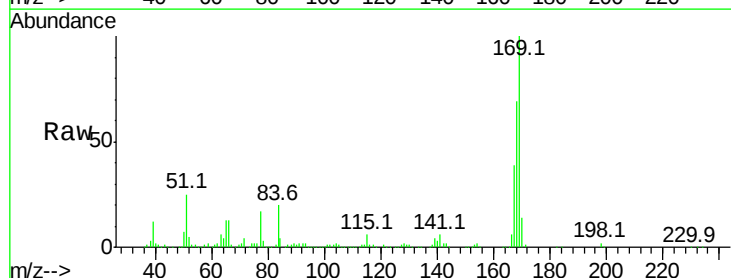
Tgt Ion:169 Resp: 798130

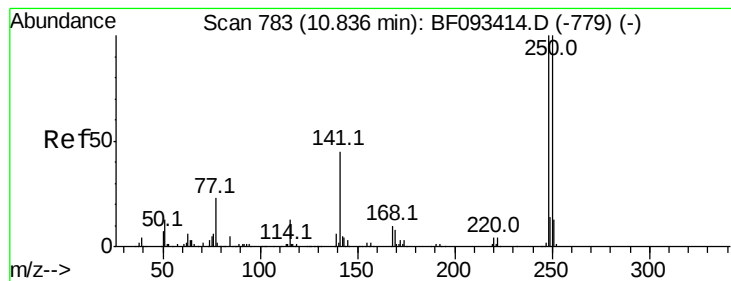
Ion Ratio Lower Upper

169 100

168 68.8 54.2 81.2

167 38.5 30.2 45.4





#66

4-Bromophenyl-phenylether

Concen: 39.60 ng

RT: 10.77 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

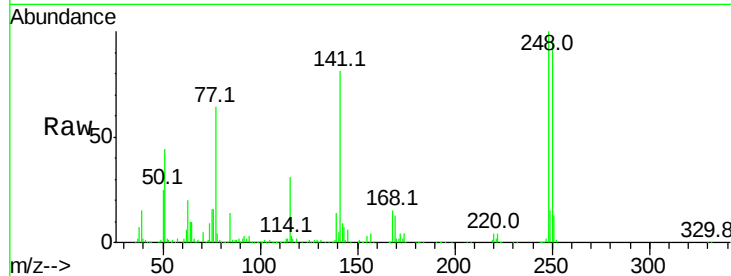
Tot Ion:248 Resp: 246071

Ion Ratio Lower Upper

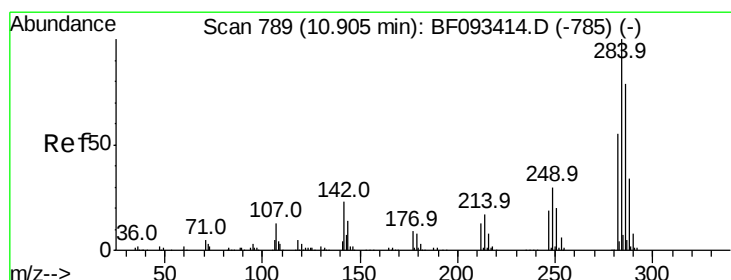
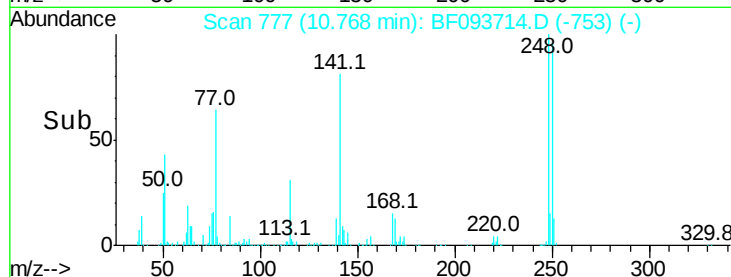
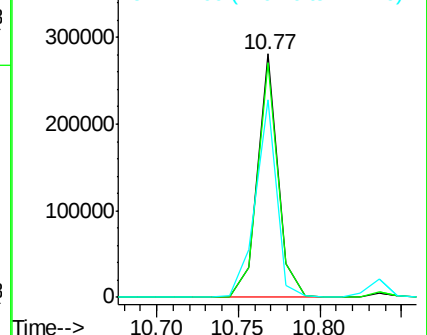
248 100

250 96.3 76.9 115.3

141 80.9 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: 39.31 ng

RT: 10.84 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

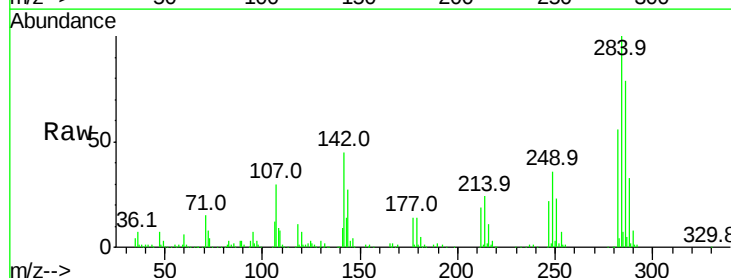
Tgt Ion:284 Resp: 233252

Ion Ratio Lower Upper

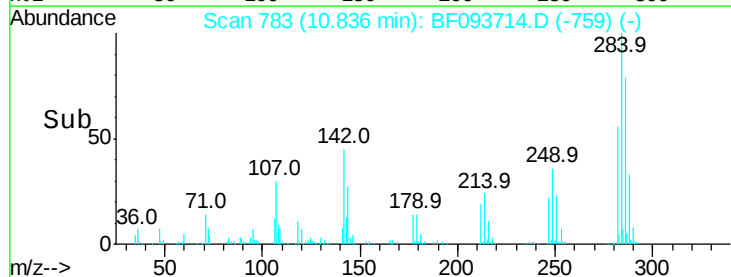
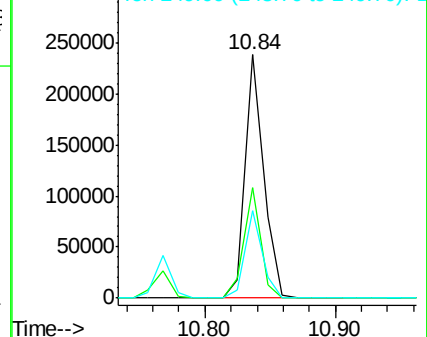
284 100

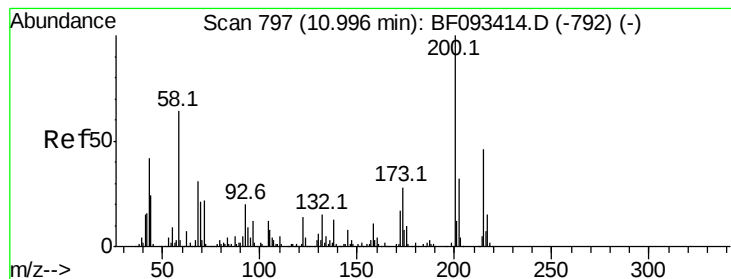
142 45.2 22.6 33.8#

249 35.7 25.4 38.0



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





#68

Atrazine

Concen: 39.05 ng

RT: 10.94 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

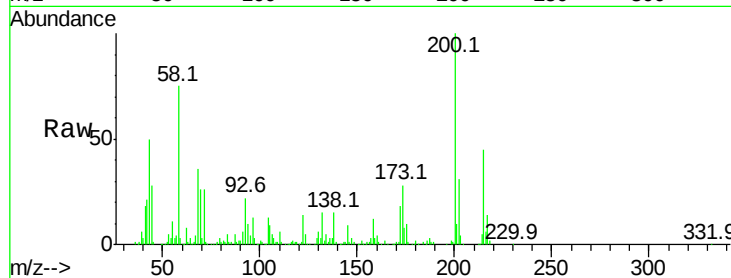
Tot Ion:200 Resp: 224284

Ion Ratio Lower Upper

200 100

173 27.9 9.6 49.6

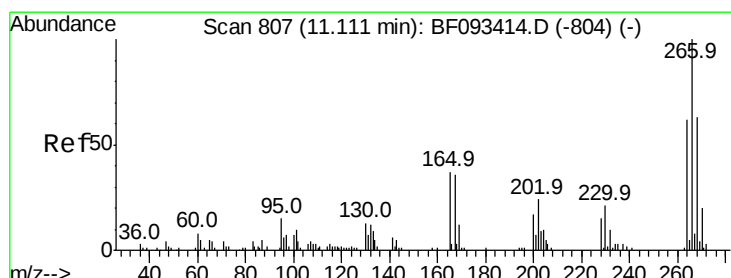
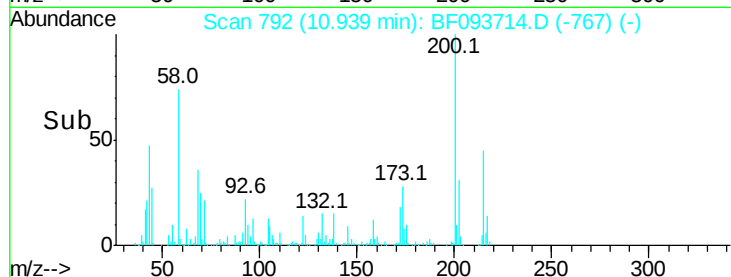
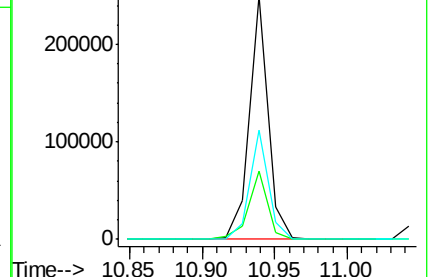
215 44.8 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 62.08 ng

RT: 11.05 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

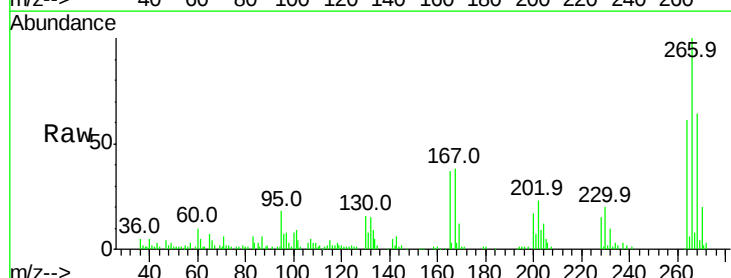
Tgt Ion:266 Resp: 127190

Ion Ratio Lower Upper

266 100

268 63.9 53.3 79.9

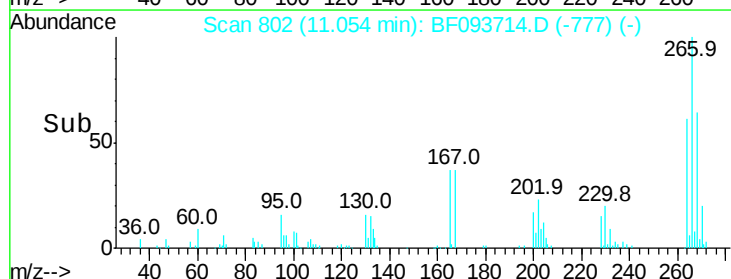
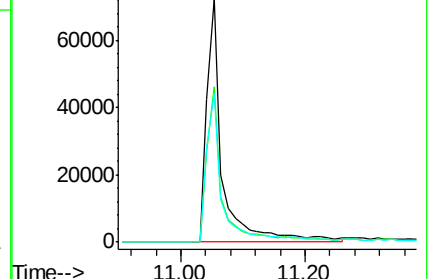
264 61.4 50.3 75.5

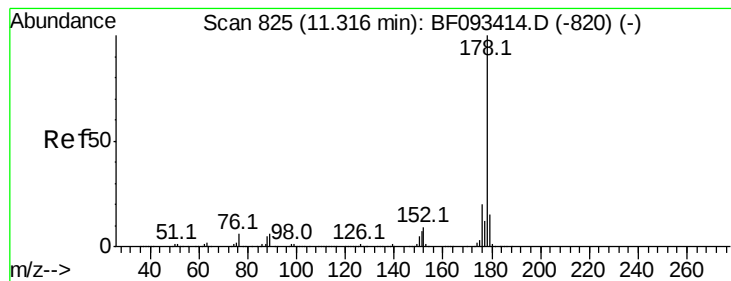


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 37.93 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

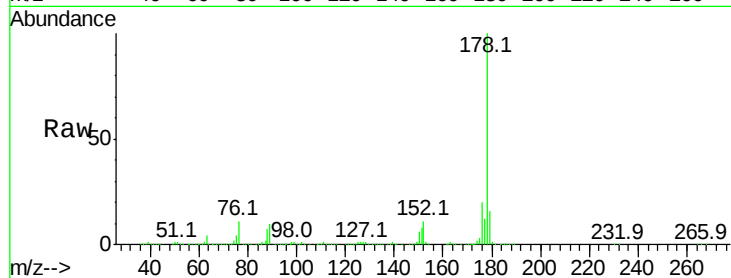
Tot Ion:178 Resp: 1272385

Ion Ratio Lower Upper

178 100

176 20.5 16.6 25.0

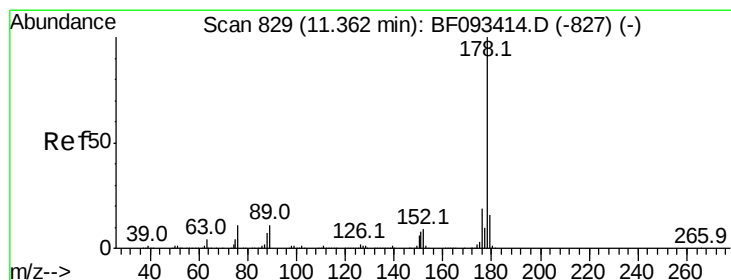
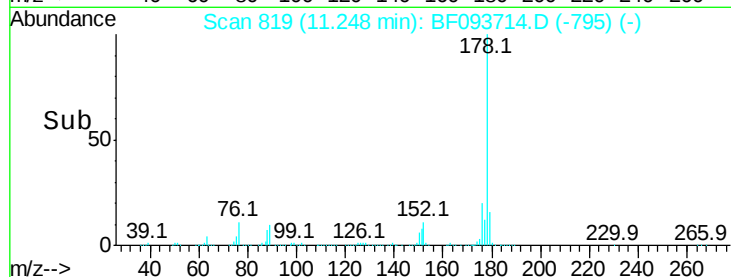
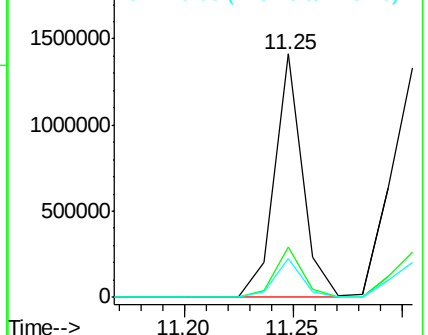
179 15.8 12.8 19.2



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: 42.41 ng

RT: 11.31 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

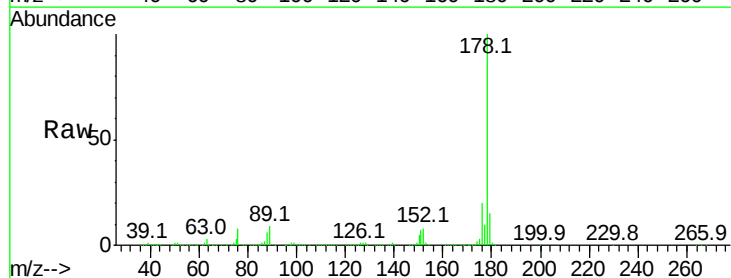
Tgt Ion:178 Resp: 1438942

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

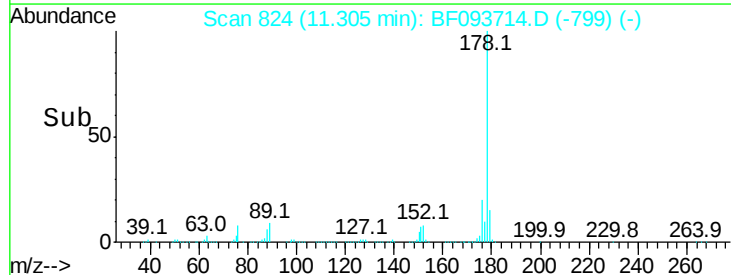
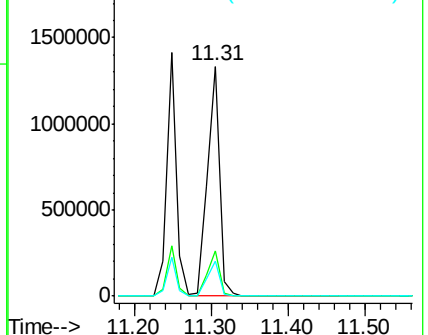
179 15.5 13.2 19.8

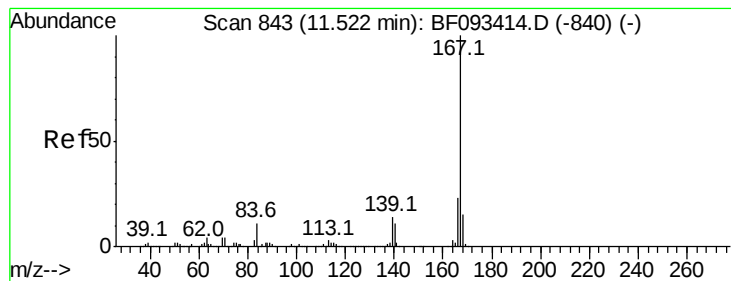


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 37.40 ng

RT: 11.47 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

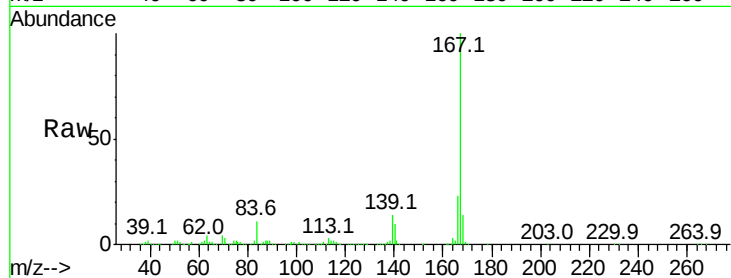
Tot Ion:167 Resp: 1192099

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

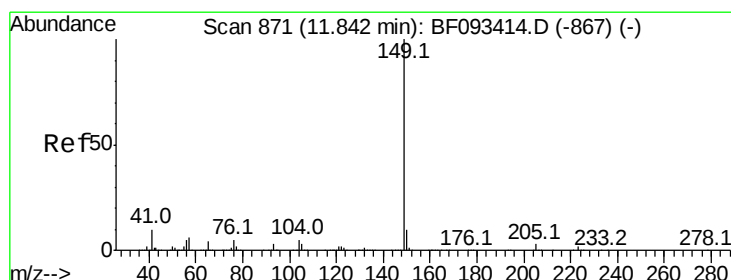
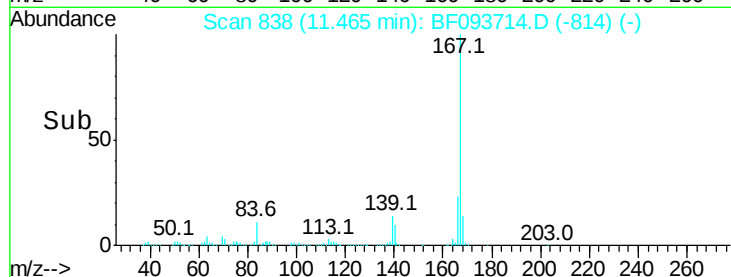
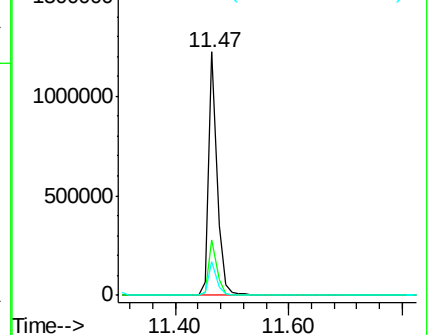
139 13.8 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 39.30 ng

RT: 11.79 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

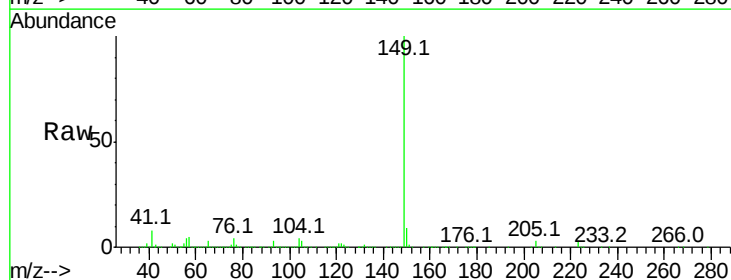
Tgt Ion:149 Resp: 1449342

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

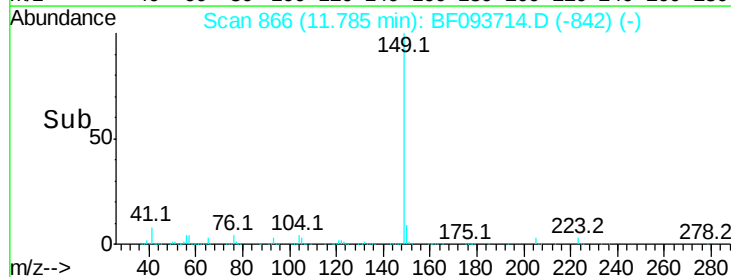
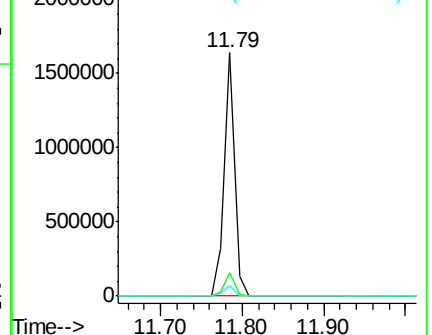
104 4.3 4.6 7.0#

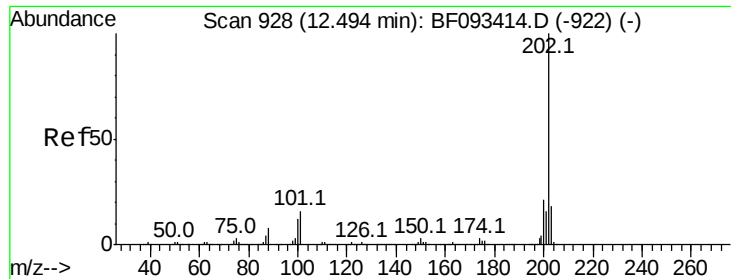


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

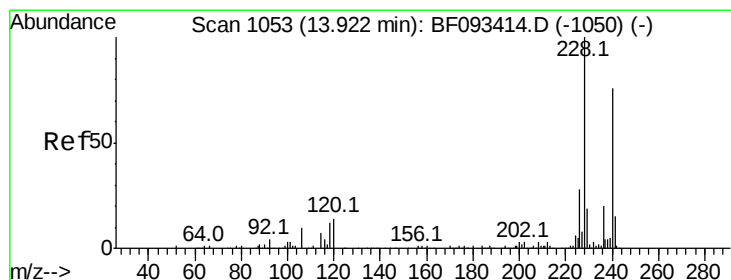
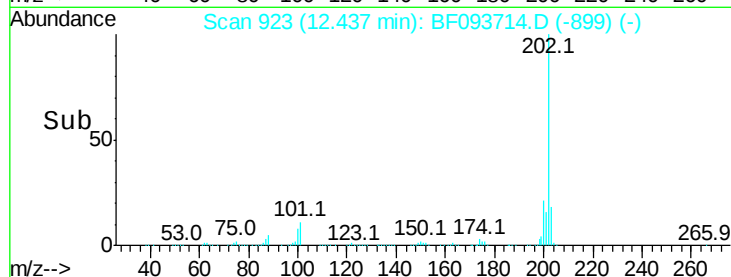
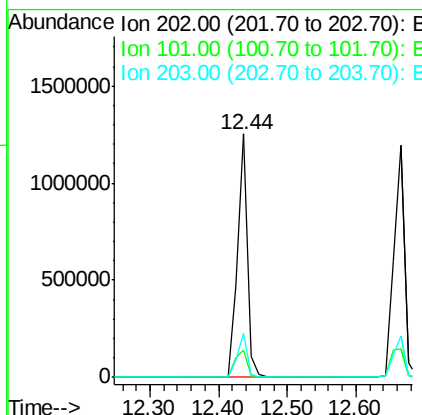
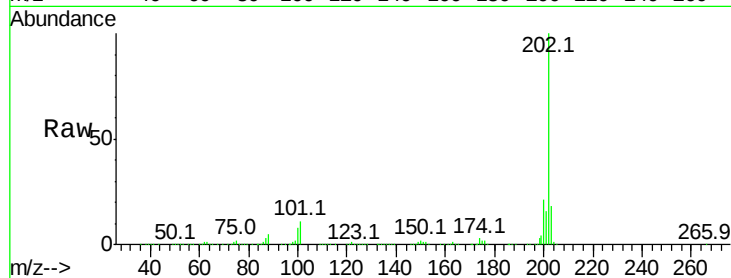




#74
 Fluoranthene
 Concen: 39.41 ng
 RT: 12.44 min Scan# 923
 Delta R.T. -0.02 min
 Lab File: BF093714.D
 Acq: 16 Mar 2017 18:57

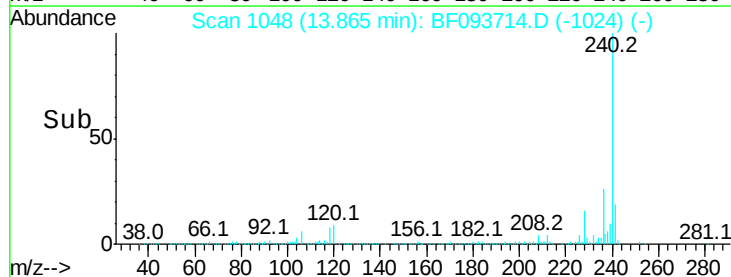
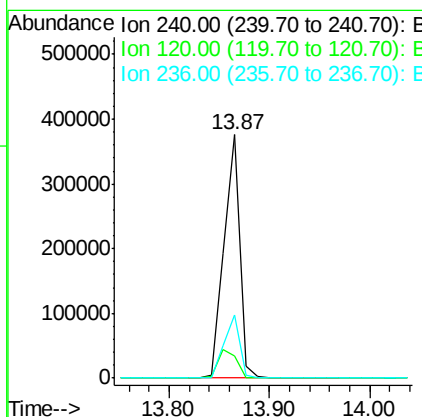
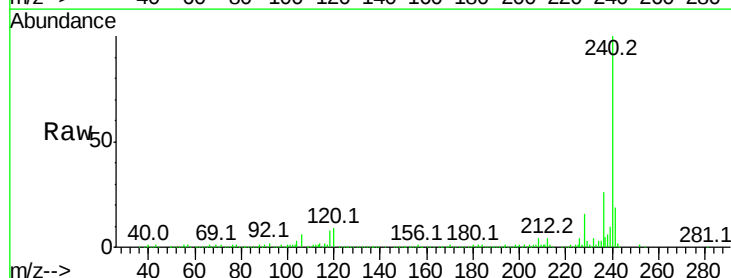
Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINESMS

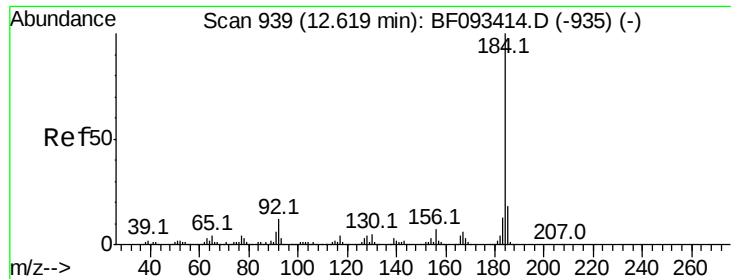
Tot Ion:202 Resp: 1277102
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 34.6
 203 17.8 0.0 38.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF093714.D
 Acq: 16 Mar 2017 18:57

Tgt Ion:240 Resp: 409786
 Ion Ratio Lower Upper
 240 100
 120 9.0 12.9 19.3#
 236 26.2 20.9 31.3

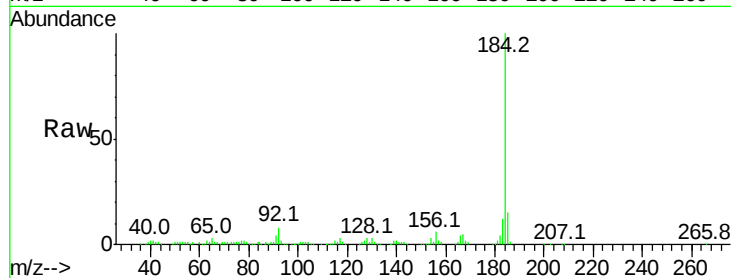




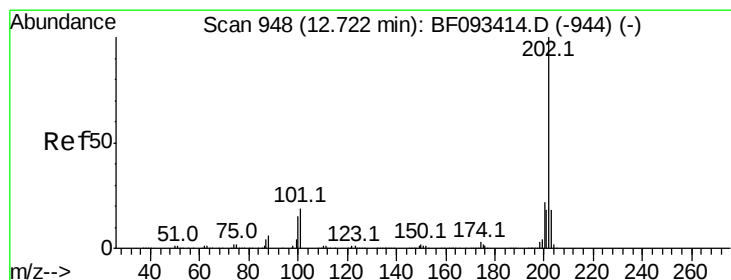
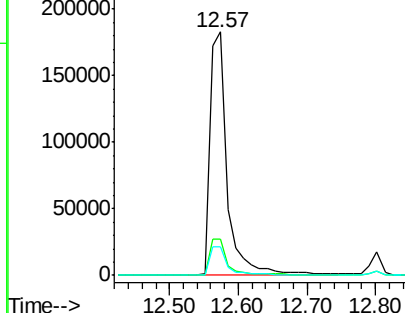
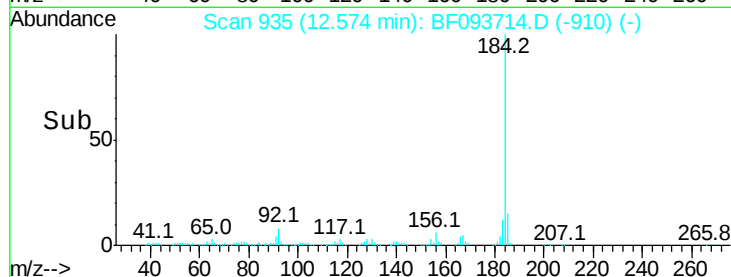
#76
Benzidine
Concen: 24.18 ng
RT: 12.57 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion:184 Resp: 325836
Ion Ratio Lower Upper
184 100
185 14.8 13.4 20.0
183 11.8 9.2 13.8

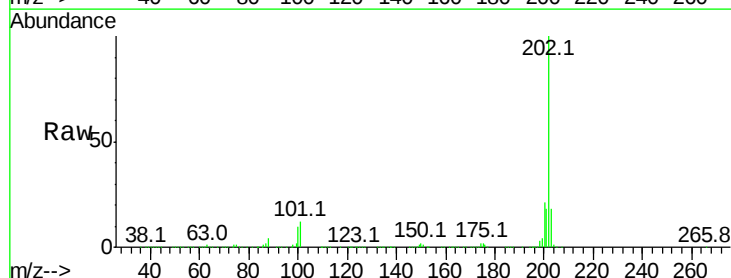


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

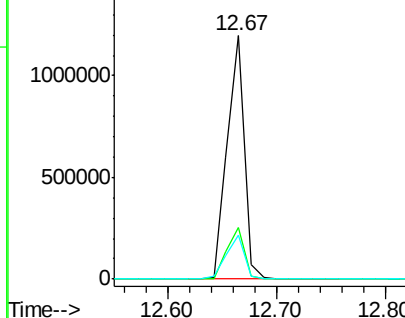
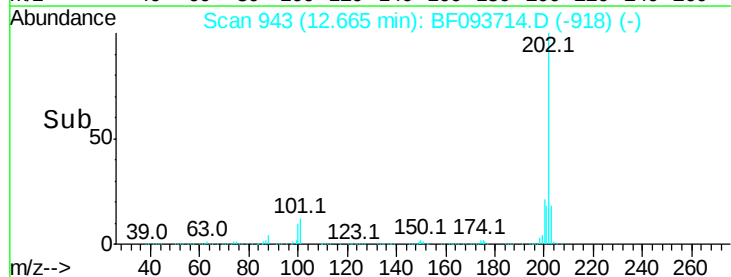


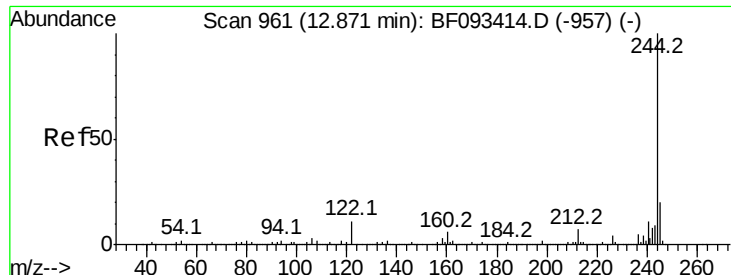
#77
Pyrene
Concen: 43.59 ng
RT: 12.67 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion:202 Resp: 1299038
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 17.9 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: 79.60 ng

RT: 12.80 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

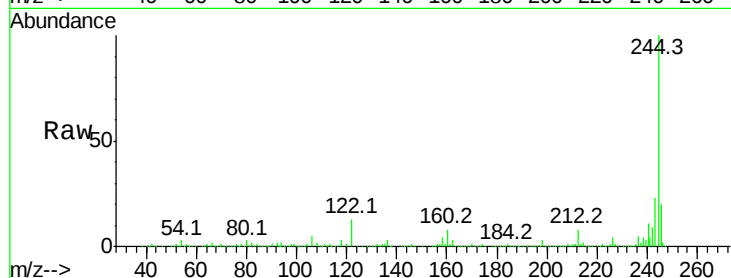
Tot Ion:244 Resp: 1254559

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

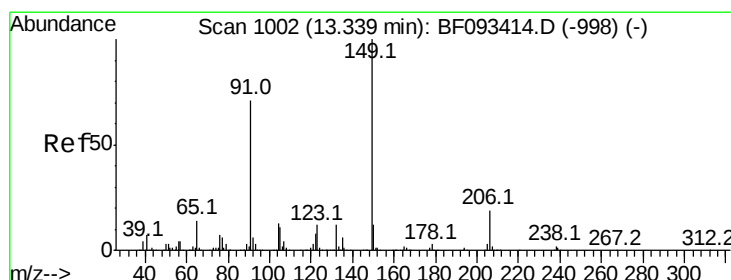
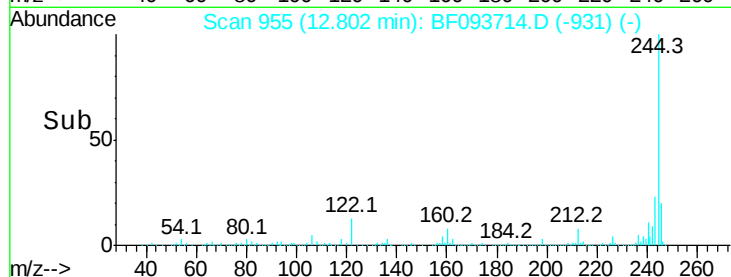
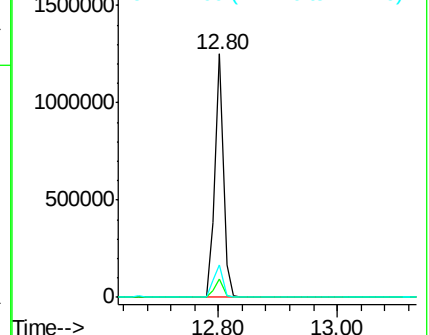
122 13.1 11.4 17.2



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: 45.35 ng

RT: 13.27 min Scan# 996

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

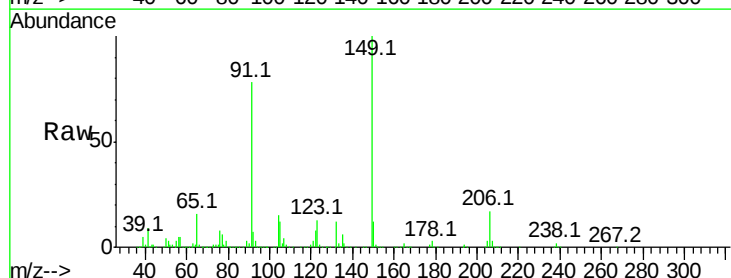
Tgt Ion:149 Resp: 569004

Ion Ratio Lower Upper

149 100

91 78.0 63.9 95.9

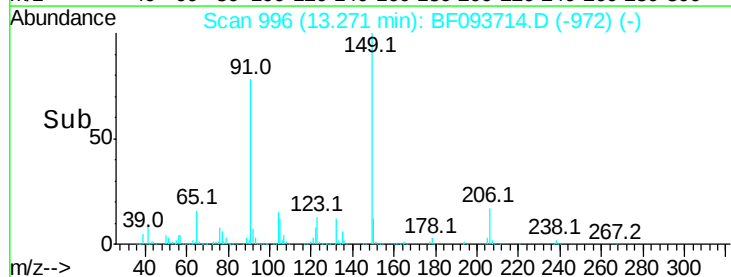
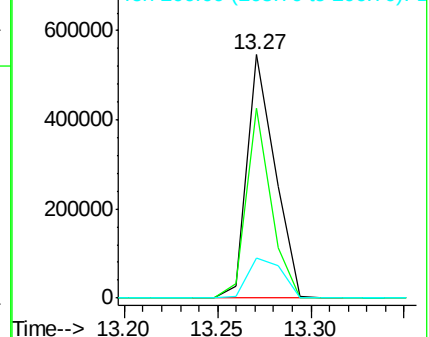
206 16.6 14.6 21.8

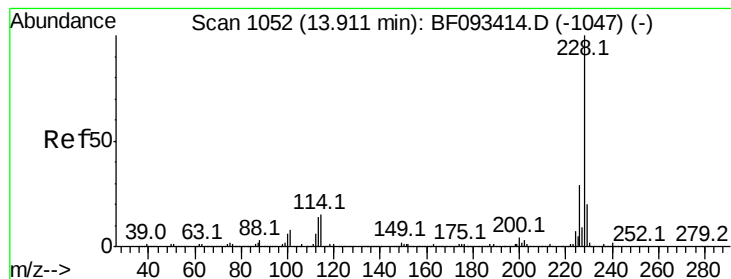


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.61 ng

RT: 13.85 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

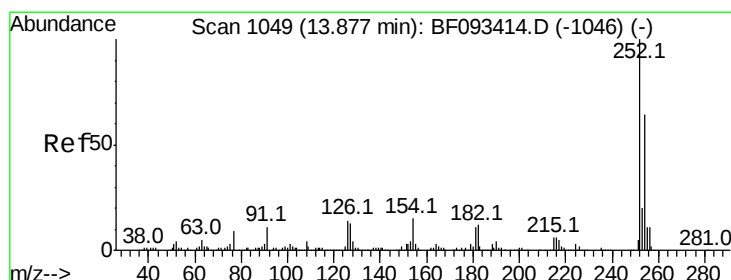
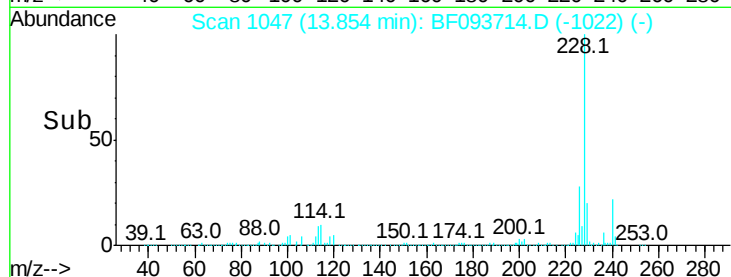
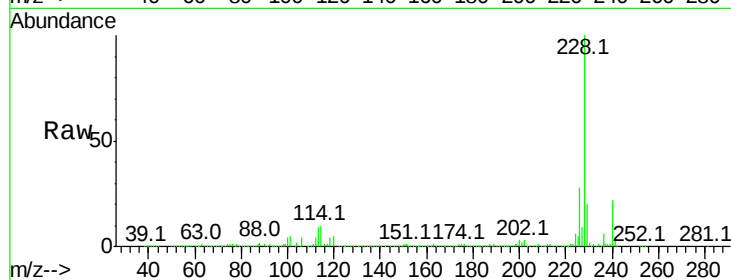
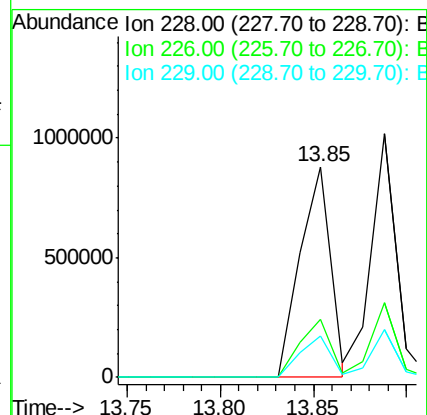
BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

Tot Ion:228 Resp: 1006959

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.4	33.6
229	19.8	16.2	24.4



#81

3,3'-Dichlorobenzidine

Concen: 26.16 ng

RT: 13.81 min Scan# 1043

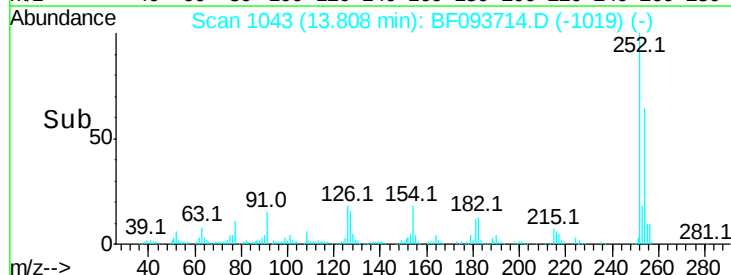
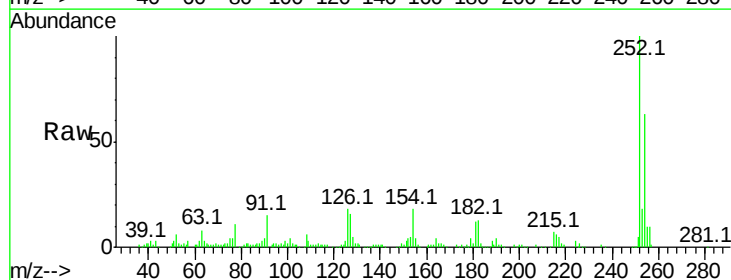
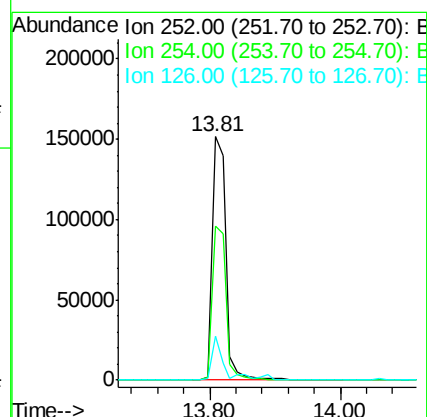
Delta R.T. -0.02 min

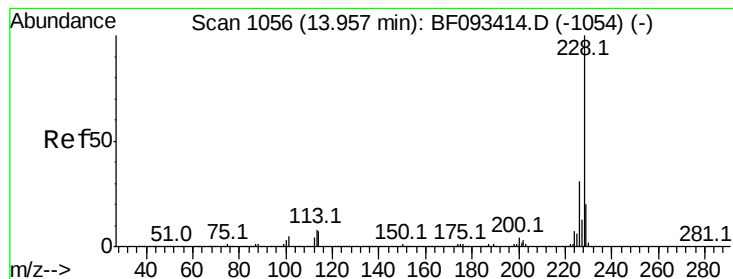
Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Tgt Ion:252 Resp: 221714

Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.3	78.5
126	18.1	13.6	20.4





#82

Chrysene

Concen: 42.36 ng

RT: 13.89 min Scan# 1050

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

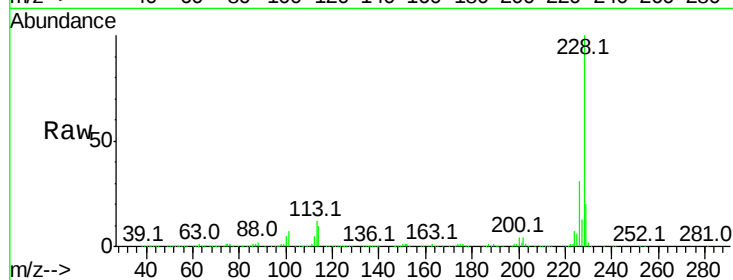
Tot Ion:228 Resp: 948506

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.0

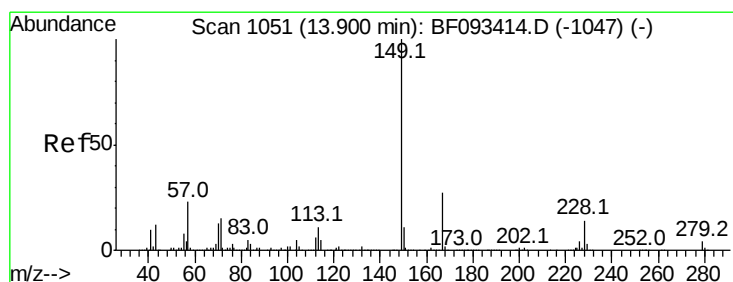
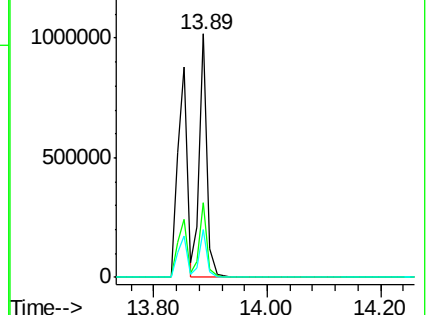
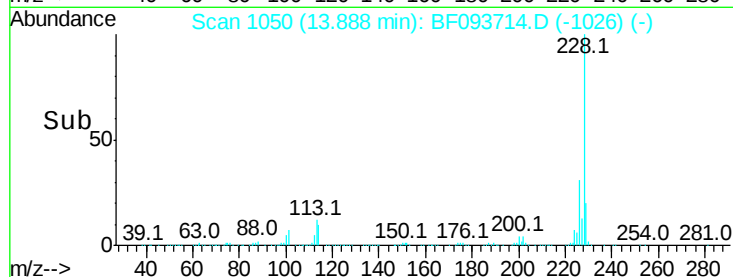
229 19.8 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.83 ng

RT: 13.83 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

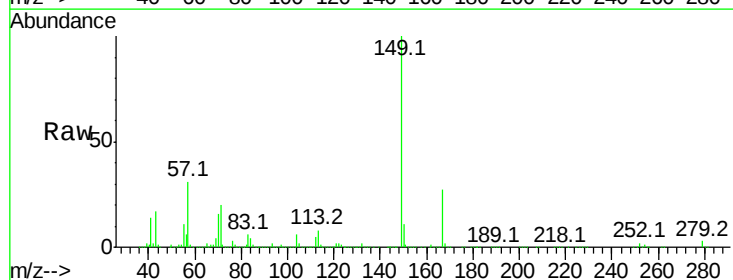
Tgt Ion:149 Resp: 818850

Ion Ratio Lower Upper

149 100

167 27.2 20.2 30.4

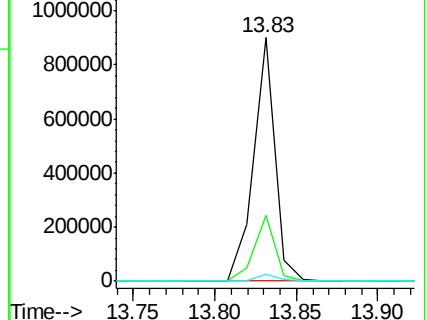
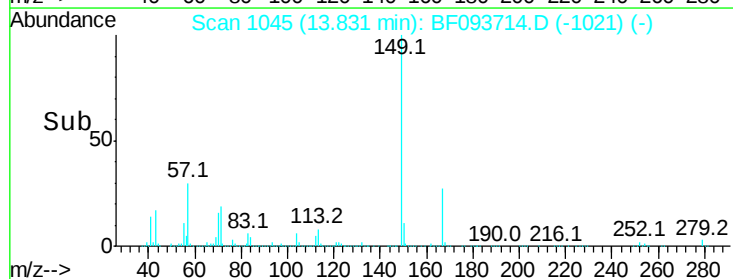
279 3.0 1.8 2.8#

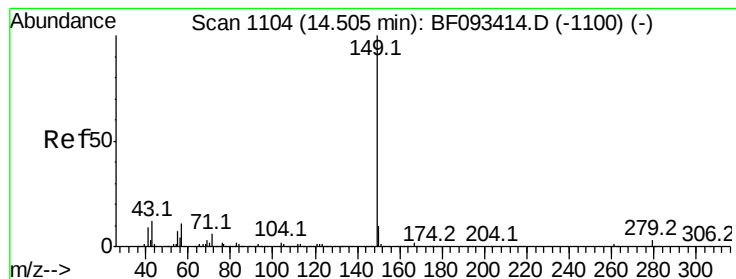


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 42.23 ng

RT: 14.44 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

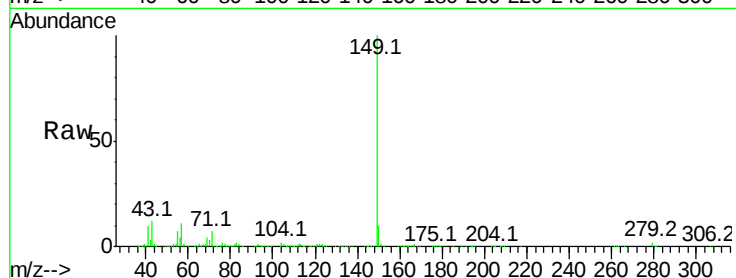
Tot Ion:149 Resp: 1230766

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

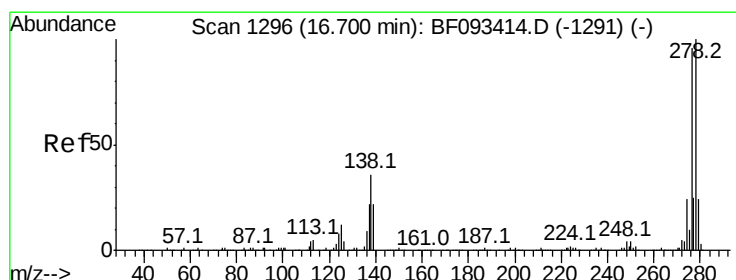
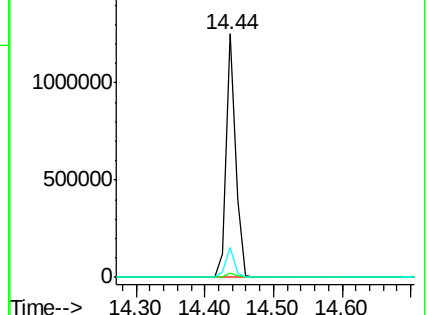
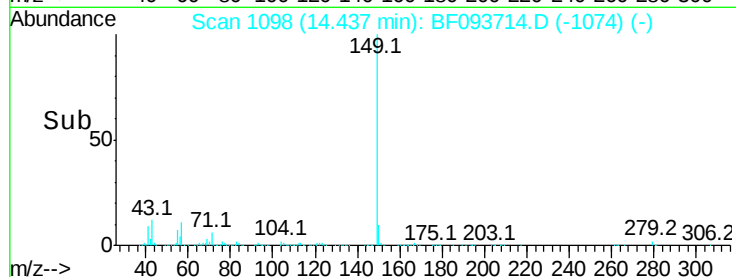
43 11.7 8.9 13.3



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: 38.95 ng

RT: 16.60 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

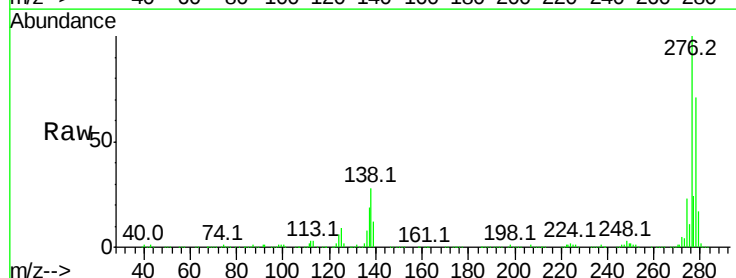
Tgt Ion:276 Resp: 729986

Ion Ratio Lower Upper

276 100

138 32.3 21.8 32.6

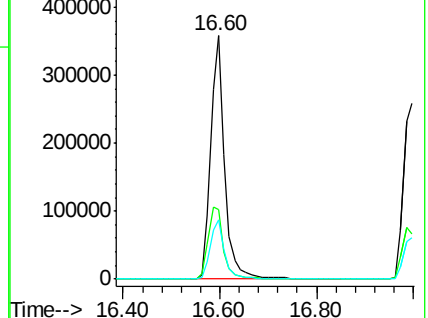
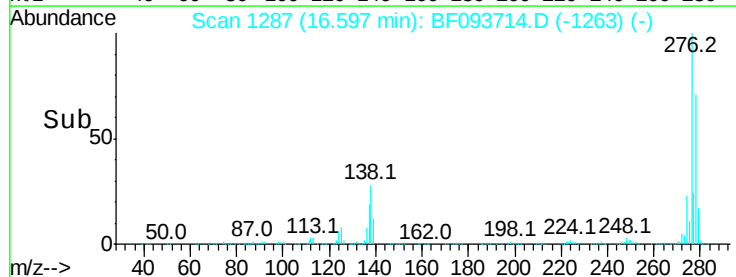
277 24.6 20.2 30.4

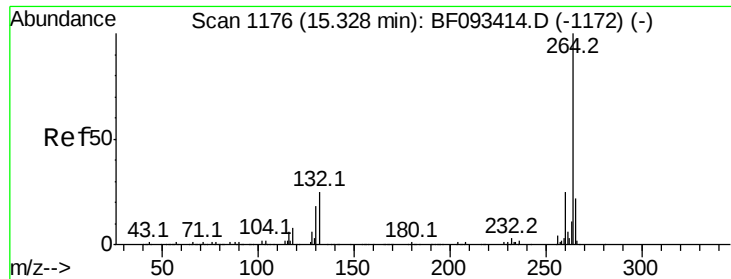


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



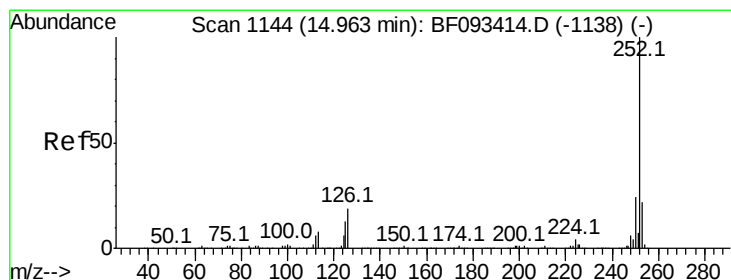
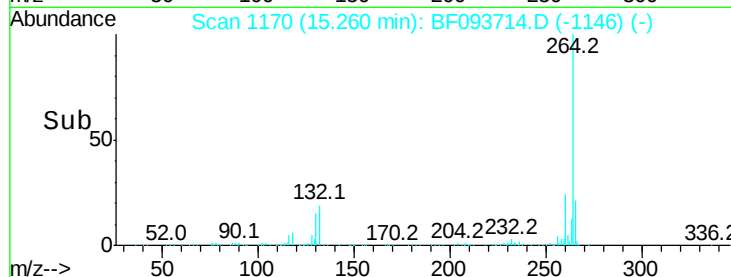
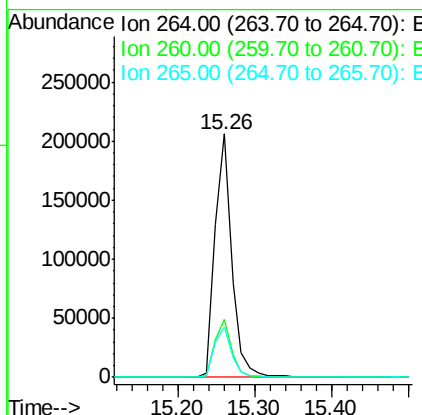
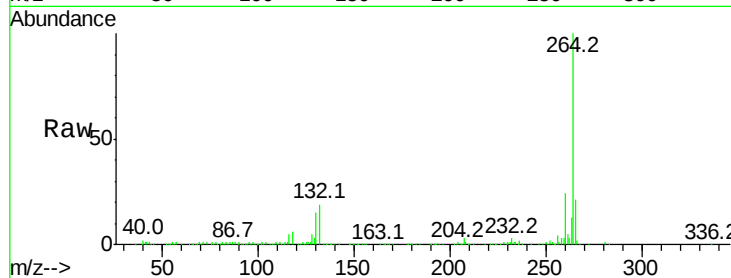


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion:264 Resp: 313150

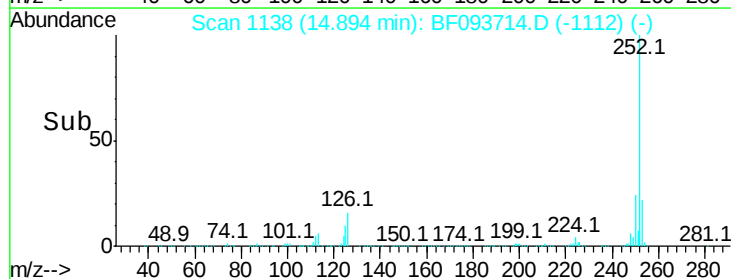
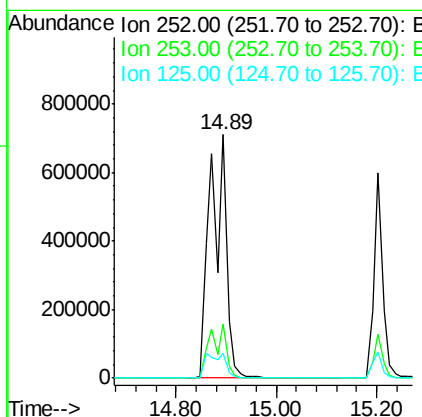
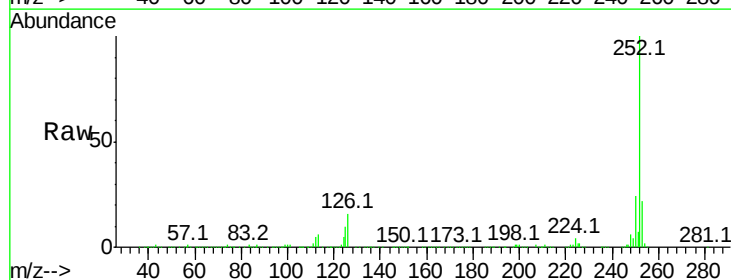
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.9	17.4	26.0

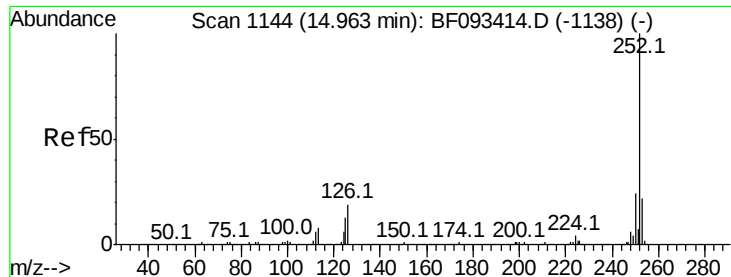


#87
Benzo(b)fluoranthene
Concen: 83.34 ng
RT: 14.89 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion:252 Resp: 1589535

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.4	9.8	14.6





#88

Benzo(k)fluoranthene

Concen: 86.44 ng

RT: 14.89 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINESMS

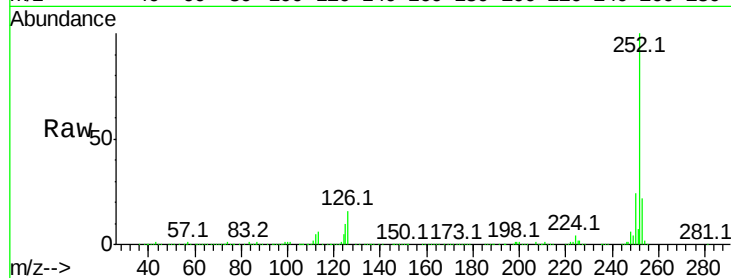
Tot Ion:252 Resp: 1589794

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

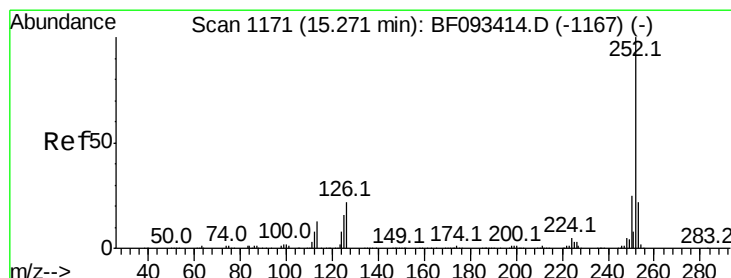
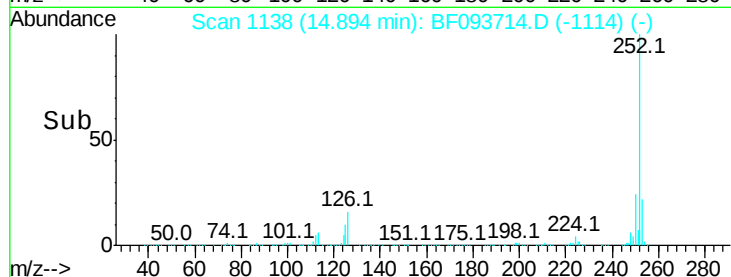
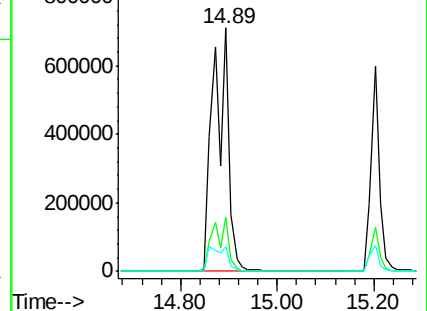
125 10.4 8.9 13.3



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: 41.75 ng

RT: 15.20 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF093714.D

Acq: 16 Mar 2017 18:57

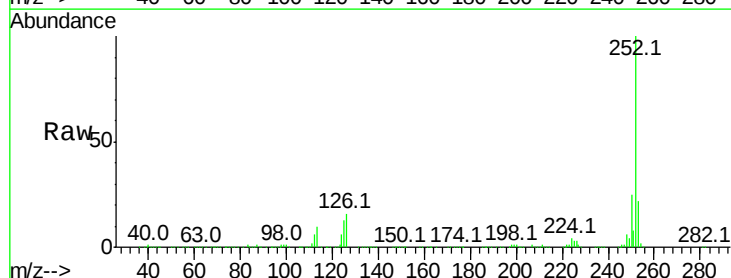
Tgt Ion:252 Resp: 727699

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

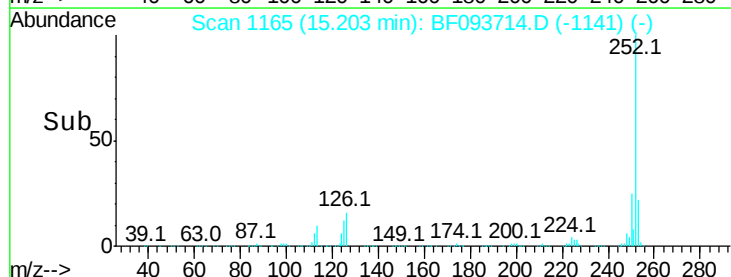
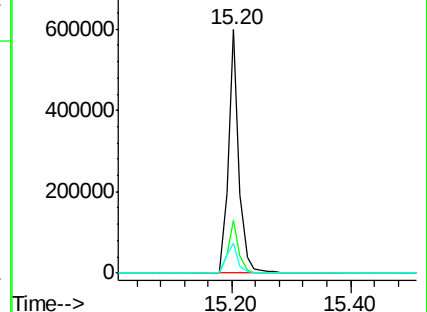
125 12.5 10.0 15.0

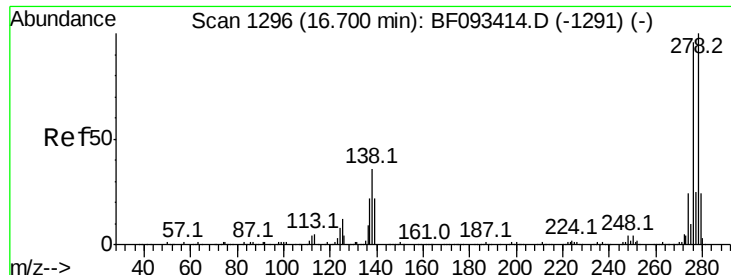


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

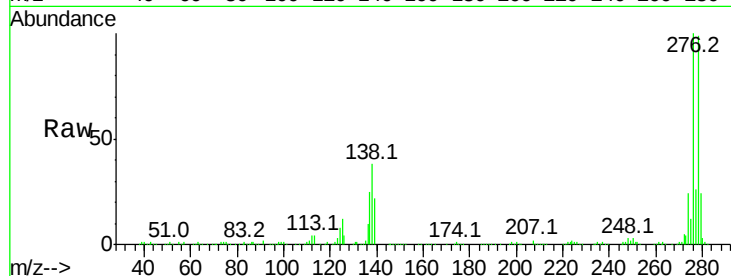




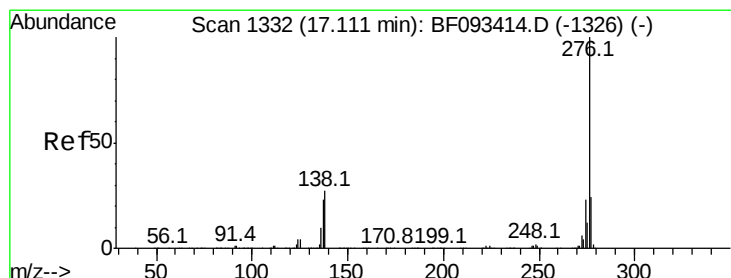
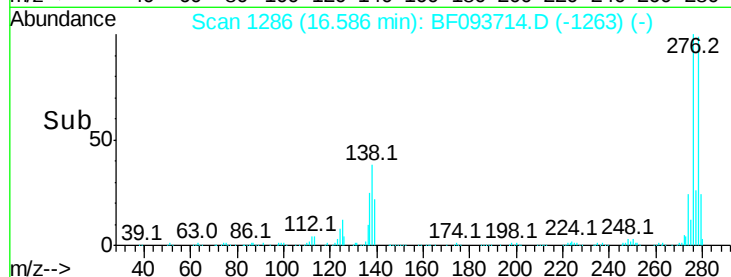
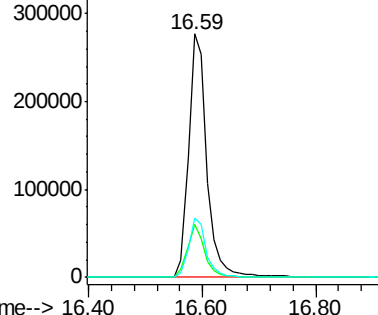
#90
Dibenzo(a,h)anthracene
Concen: 42.59 ng
RT: 16.59 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Tot Ion:278 Resp: 614183
Ion Ratio Lower Upper
278 100
139 22.0 14.8 22.2
279 24.2 19.8 29.6

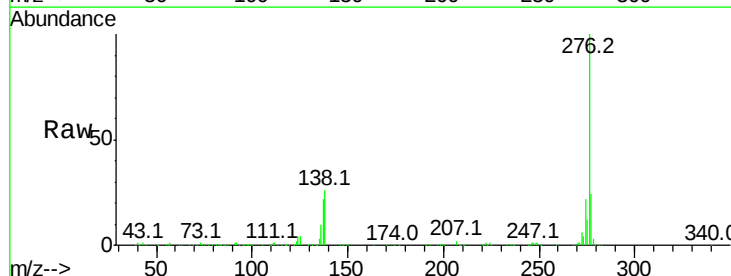


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 42.75 ng
RT: 17.00 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF093714.D
Acq: 16 Mar 2017 18:57

Tgt Ion:276 Resp: 632714
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 25.5 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

