

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093672.D
 Acq On : 15 Mar 2017 17:14
 Operator : SJ/MA
 Sample : I2264-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

Quant Time: Mar 16 01:41:30 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	6.71	152	172907	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	722001	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	327067	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	582795	20.00	ng	0.00
75) Chrysene-d12	13.89	240	343928	20.00	ng	0.00
86) Perylene-d12	15.29	264	302086	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1640537	157.91	ng	-0.01
7) Phenol-d6	6.38	99	1985119	151.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	1350865	103.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	322419	151.31	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1699409	96.65	ng	0.00
78) Terphenyl-d14	12.84	244	1326310	100.26	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.24	88	266199	46.52	ng	# 82
3) Pyridine	2.95	79	563417	38.62	ng	86
4) n-Nitrosodimethylamine	2.89	42	364964	52.37	ng	79
6) Aniline	6.40	93	416448	23.16	ng	# 75
8) 2-Chlorophenol	6.50	128	587432	50.47	ng	95
9) Benzaldehyde	6.26	77	318935	39.66	ng	95
10) Phenol	6.39	94	1061149	66.10	ng	81
11) bis(2-Chloroethyl)ether	6.45	93	809065	62.36	ng	91
12) 1,3-Dichlorobenzene	6.88	146	552937	41.50	ng	96
13) 1,4-Dichlorobenzene	6.72	146	665409	48.78	ng	98
14) 1,2-Dichlorobenzene	6.88	146	569909	47.18	ng	96
15) Benzyl Alcohol	6.88	79	441805	47.31	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	980085	45.47	ng	# 10
17) 2-Methylphenol	7.00	107	695399	70.63	ng	# 92
18) Hexachloroethane	7.21	117	229608	49.91	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	502597	55.80	ng	96
20) 3+4-Methylphenols	7.16	107	1087225	85.15	ng	# 74
22) Acetophenone	7.13	105	884285	50.90	ng	# 99
24) Nitrobenzene	7.30	77	719947	49.23	ng	95
25) Isophorone	7.56	82	1420611	54.14	ng	94
26) 2-Nitrophenol	7.62	139	350215	52.49	ng	90
27) 2,4-Dimethylphenol	7.68	122	1011250	93.16	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	865008	52.22	ng	99
29) 2,4-Dichlorophenol	7.89	162	501784	49.14	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	509273	46.90	ng	95
31) Naphthalene	8.02	128	1801383	49.79	ng	99
32) Benzoic acid	7.82	122	602691	106.85	ng	# 26
33) 4-Chloroaniline	8.02	127	232730	15.85	ng	# 34
34) Hexachlorobutadiene	8.13	225	253676	45.35	ng	99
35) Caprolactam	8.49	113	105163	30.15	ng	# 33
36) 4-Chloro-3-methylphenol	8.61	107	556630	51.07	ng	97
37) 2-Methylnaphthalene	8.72	142	1056326	45.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	477322	53.45	ng	99
40) Hexachlorocyclopentadiene	8.86	237	221768	95.63	ng	95

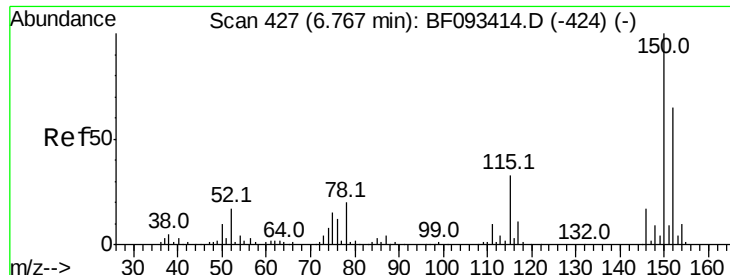
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	333984	59.85	nq	95
43) 2,4,5-Trichlorophenol	9.08	196	300380	50.17	nq	94
45) 1,1'-Biphenyl	9.18	154	1254571	52.66	nq	95
46) 2-Chloronaphthalene	9.21	162	1058704	58.05	nq	98
47) 2-Nitroaniline	9.33	65	376164	58.35	nq	98
48) Acenaphthylene	9.62	152	1591773	52.92	nq	99
49) Dimethylphthalate	9.50	163	1464842	67.56	nq	99
50) 2,6-Dinitrotoluene	9.57	165	219943	46.23	nq	# 44
51) Acenaphthene	9.80	154	940358	52.87	nq	96
52) 3-Nitroaniline	9.75	138	190661	33.36	nq	94
53) 2,4-Dinitrophenol	9.88	184	109458	50.52	nq	# 64
54) Dibenzofuran	9.97	168	1273293	57.20	nq	98
55) 4-Nitrophenol	9.97	139	798612	287.65	nq	# 13
56) 2,4-Dinitrotoluene	9.98	165	351195	60.08	nq	# 70
57) Fluorene	10.31	166	955003	50.62	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	271806	64.33	nq	92
59) Diethylphthalate	10.20	149	1209151	58.35	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	436073	51.57	nq	95
61) 4-Nitroaniline	10.37	138	245415	41.98	nq	97
62) Azobenzene	10.46	77	1351797	57.41	nq	92
64) 4,6-Dinitro-2-methylphenol	10.40	198	151984	40.25	nq	82
65) n-Nitrosodiphenylamine	10.44	169	918092	47.18	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	273490	44.38	nq	99
67) Hexachlorobenzene	10.86	284	266352	45.26	nq	# 77
68) Atrazine	10.97	200	256953	45.11	nq	93
69) Pentachlorophenol	11.08	266	152698	75.16	nq	98
70) Phenanthrene	11.27	178	1415955	42.56	nq	99
71) Anthracene	11.33	178	1439912	42.79	nq	99
72) Carbazole	11.50	167	1424745	45.07	nq	98
73) Di-n-butylphthalate	11.82	149	1698132	46.43	nq	# 95
74) Fluoranthene	12.47	202	1362316	42.40	nq	93
76) Benzidine	12.61	184	507803	44.90	nq	96
77) Pyrene	12.69	202	1283917	51.33	nq	100
79) Butylbenzylphthalate	13.31	149	616624	58.56	nq	94
80) Benzo(a)anthracene	13.88	228	938224	46.19	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	299660	42.13	nq	96
82) Chrysene	13.92	228	903815	48.10	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	912920	62.20	nq	# 96
84) Di-n-octyl phthalate	14.47	149	1361782	55.67	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	930182	59.14	nq	# 94
87) Benzo(b)fluoranthene	14.93	252	1668161	90.67	nq	# 97
88) Benzo(k)fluoranthene	14.93	252	1668664	94.05	nq	97
89) Benzo(a)pyrene	15.24	252	794620	47.26	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	788662	56.70	nq	99
91) Benzo(g,h,i)perylene	17.04	276	823630	57.69	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

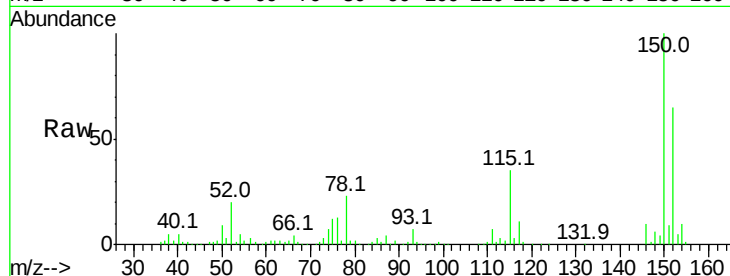
Tot Ion:152 Resp: 172907

Ion Ratio Lower Upper

152 100

150 153.0 124.9 187.3

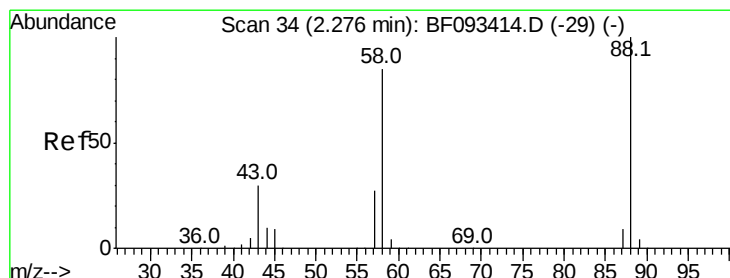
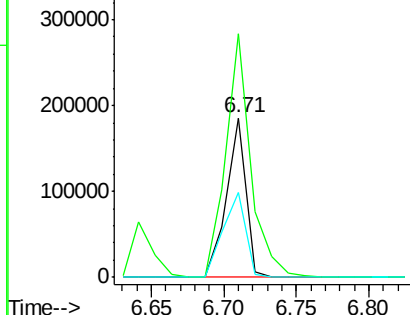
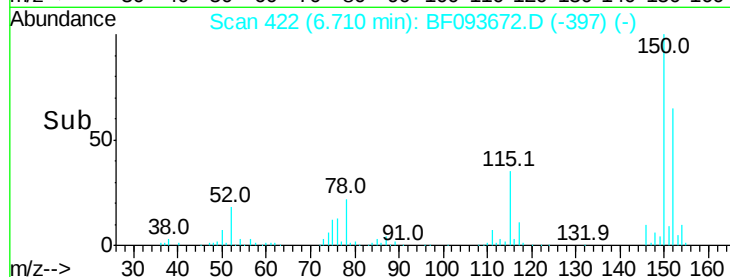
115 53.6 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.52 ng

RT: 2.24 min Scan# 31

Delta R.T. 0.06 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

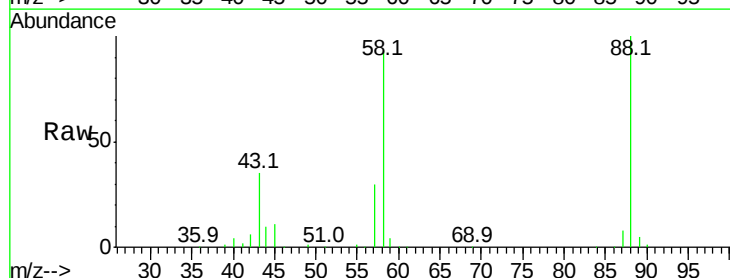
Tgt Ion: 88 Resp: 266199

Ion Ratio Lower Upper

88 100

58 90.4 57.8 86.8#

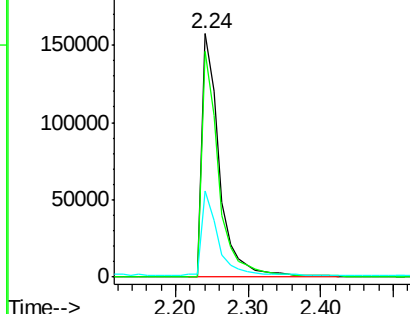
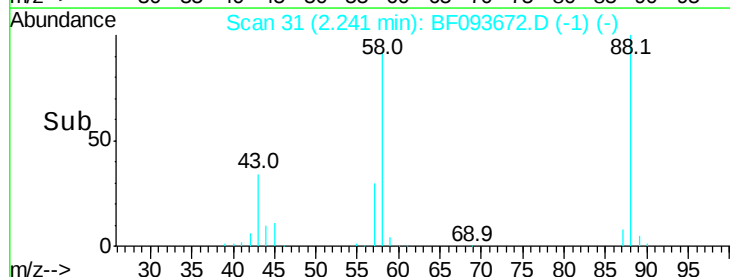
43 32.2 22.3 33.5

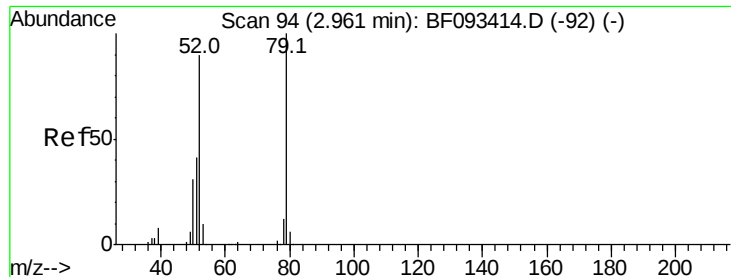


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

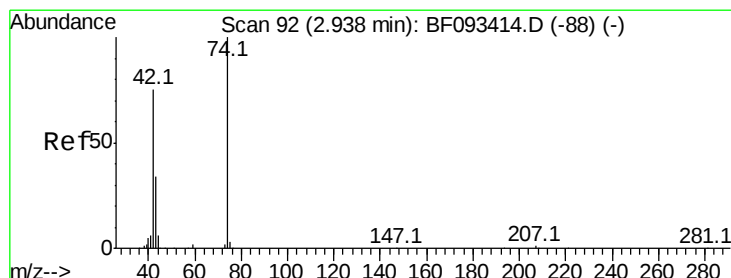
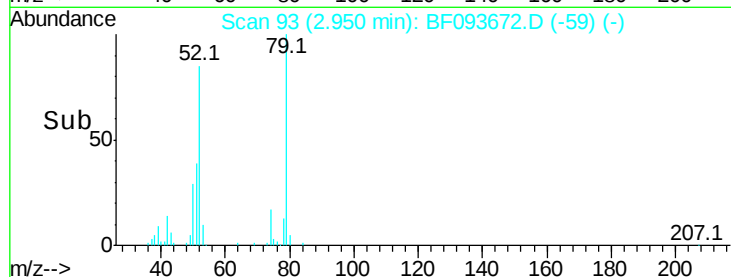
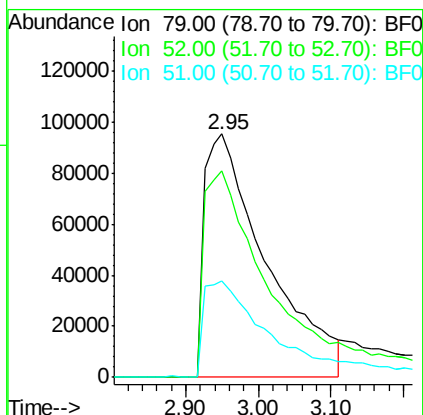
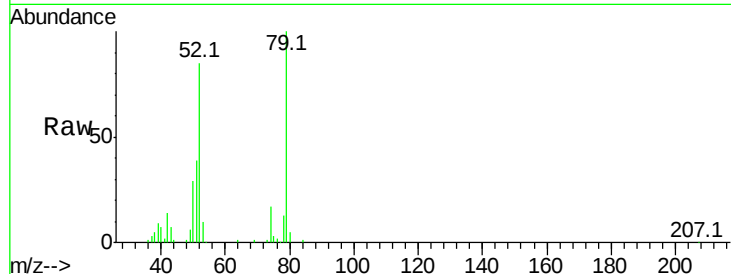




#3
 Pvridine
 Concen: 38.62 ng
 RT: 2.95 min Scan# 93
 Delta R.T. 0.09 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

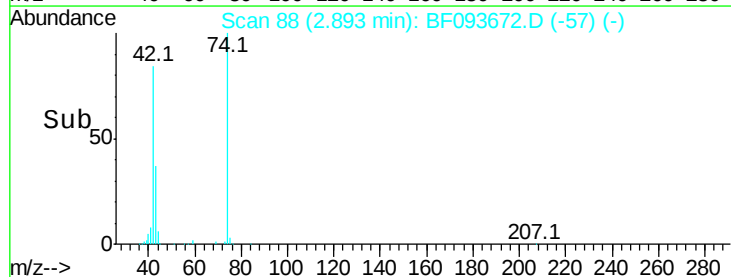
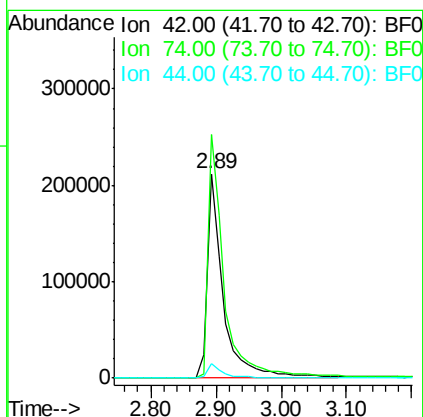
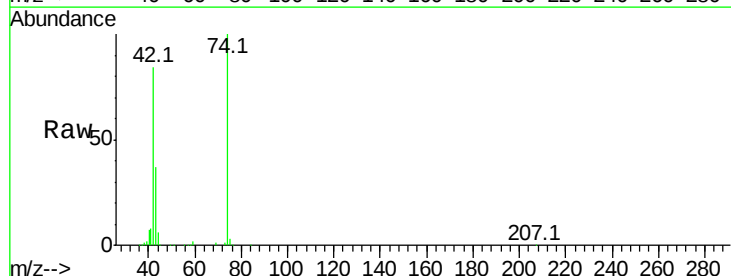
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

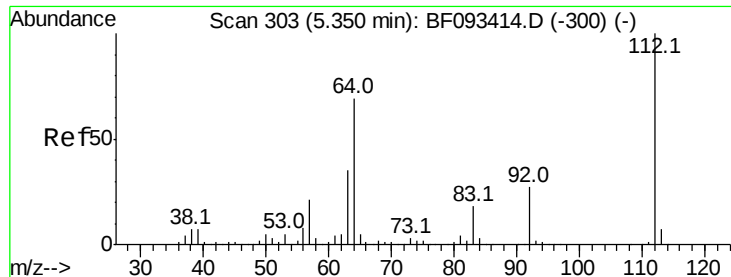
Tot Ion: 79 Resp: 563417
 Ion Ratio Lower Upper
 79 100
 52 84.7 57.1 85.7
 51 39.4 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 52.37 ng
 RT: 2.89 min Scan# 88
 Delta R.T. 0.06 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion: 42 Resp: 364964
 Ion Ratio Lower Upper
 42 100
 74 119.2 117.0 175.4
 44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 157.91 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

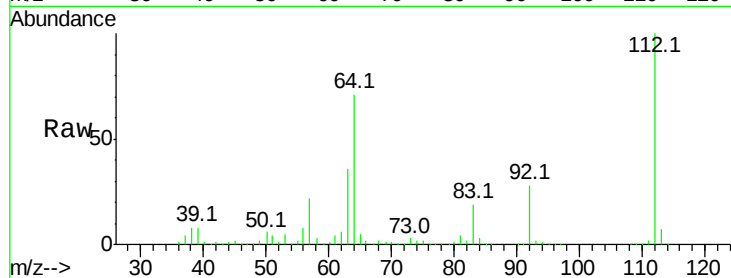
Tot Ion:112 Resp: 1640537

Ion Ratio Lower Upper

112 100

64 70.8 46.1 69.1#

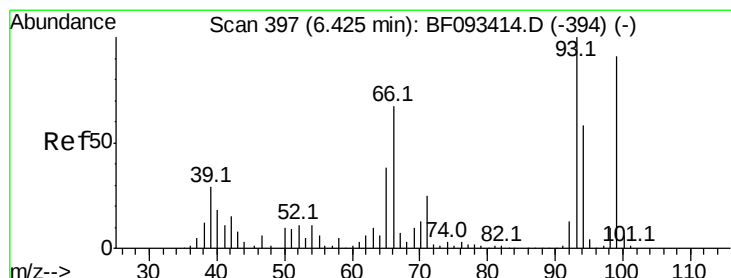
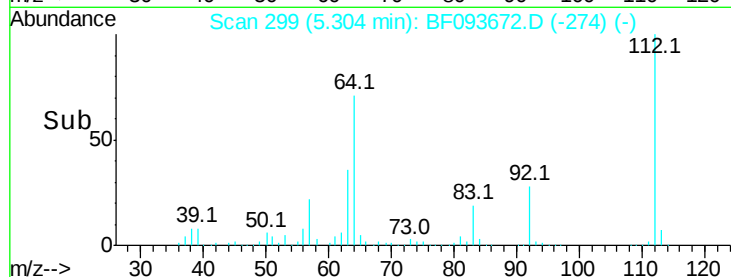
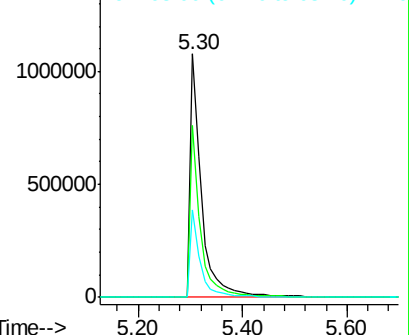
63 36.0 23.8 35.6#



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



#6

Aniline

Concen: 23.16 ng

RT: 6.40 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

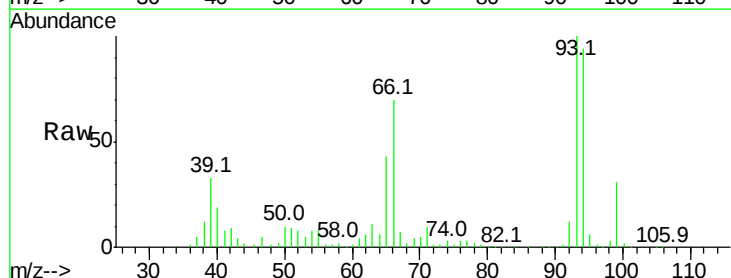
Tgt Ion: 93 Resp: 416448

Ion Ratio Lower Upper

93 100

66 69.9 76.2 114.2#

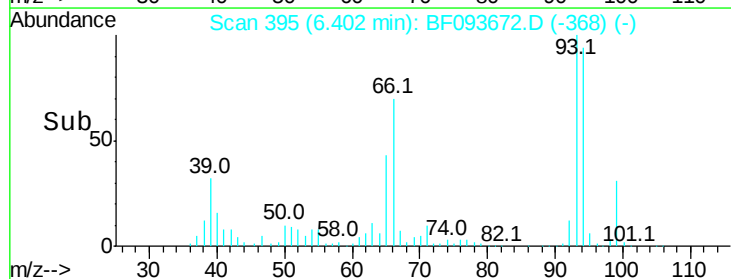
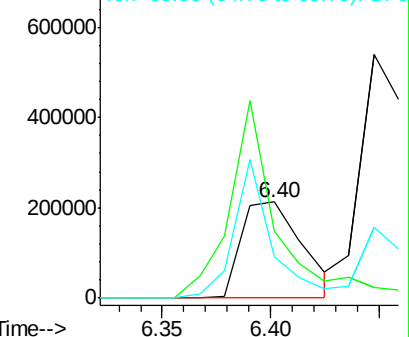
65 43.2 49.3 73.9#

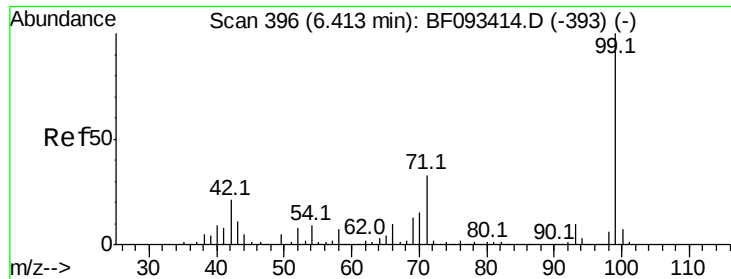


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 151.53 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

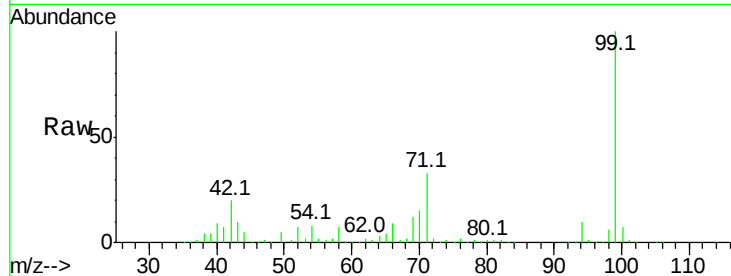
BNA_F

ClientSampleId :

E2-BB7-WSWMSD

Tot Ion: 99 Resp: 1985119

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	33.4	27.5	41.3

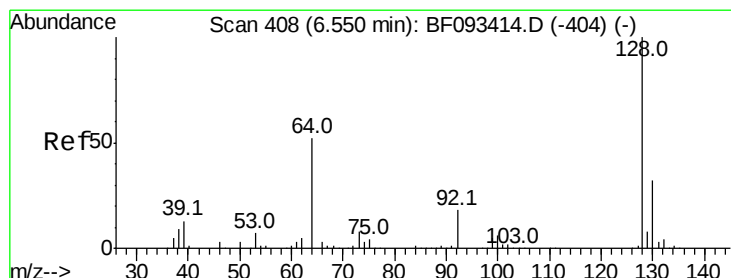
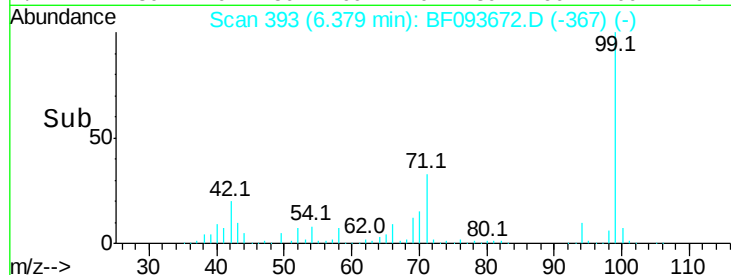
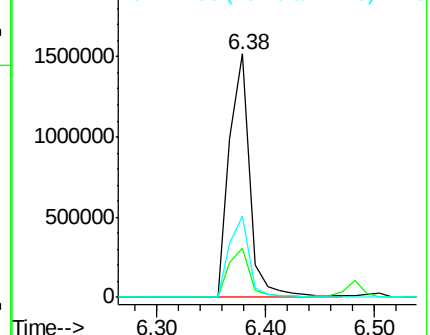


Abundance

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: 50.47 ng

RT: 6.50 min Scan# 404

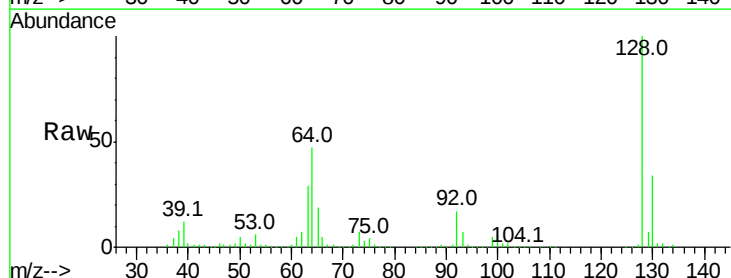
Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Tgt Ion: 128 Resp: 587432

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.3	52.3
64	47.0	32.2	72.2

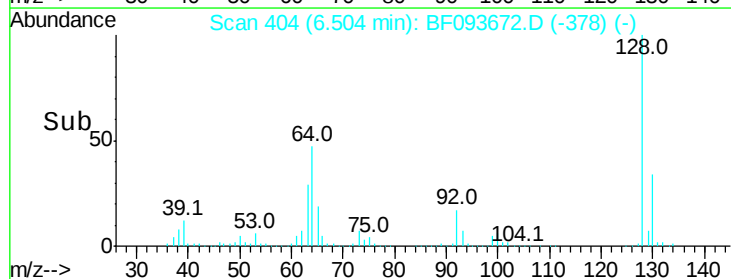
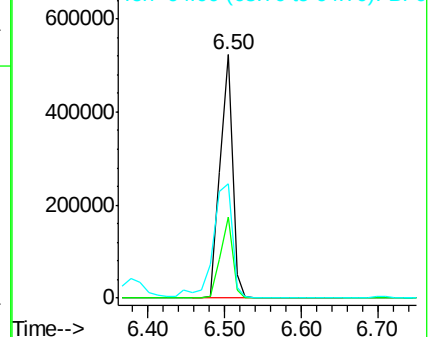


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.66 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

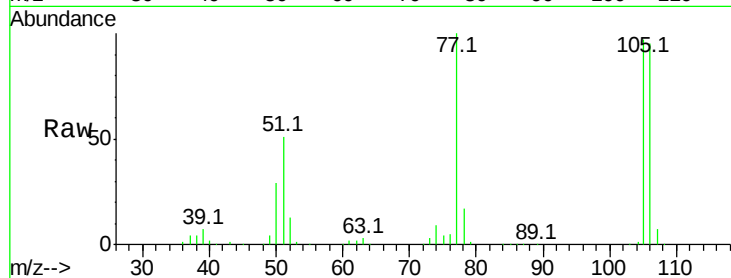
Tot Ion: 77 Resp: 318935

Ion Ratio Lower Upper

77 100

105 97.1 83.9 123.9

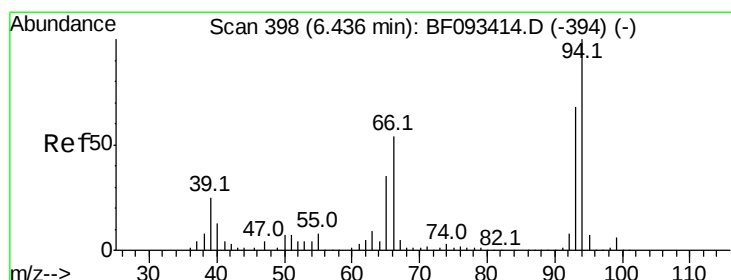
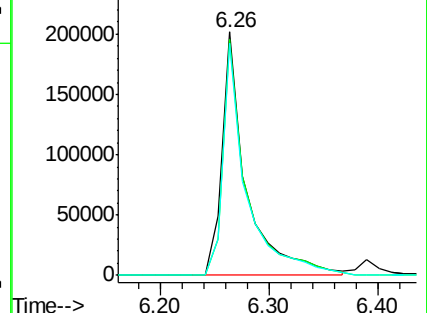
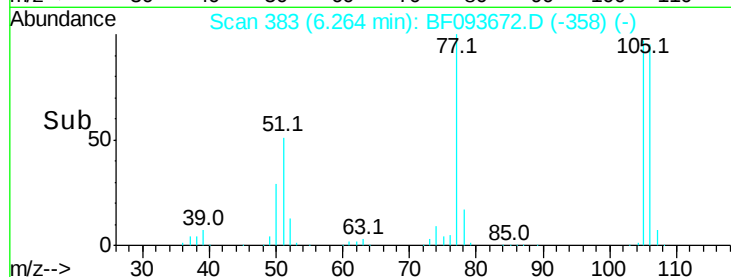
106 95.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 66.10 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

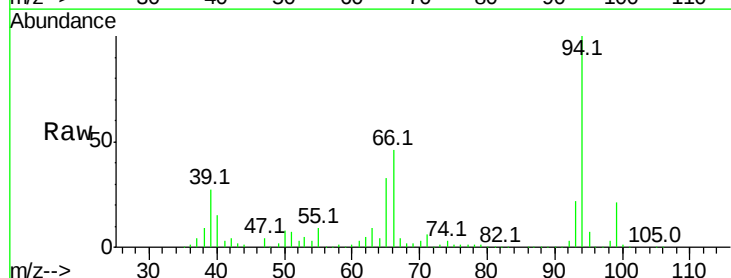
Tgt Ion: 94 Resp: 1061149

Ion Ratio Lower Upper

94 100

65 32.5 21.4 61.4

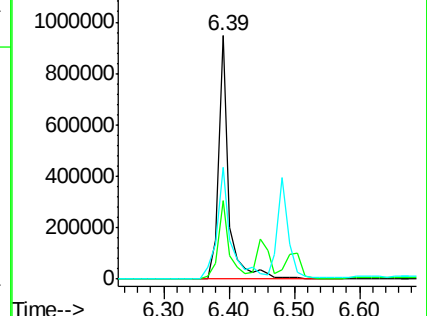
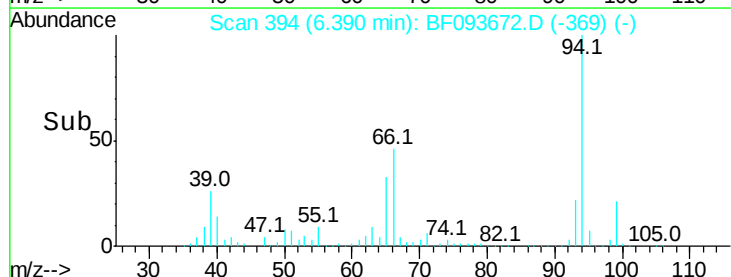
66 46.1 44.0 84.0



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

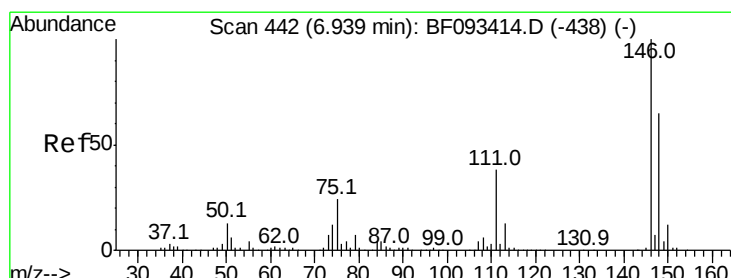
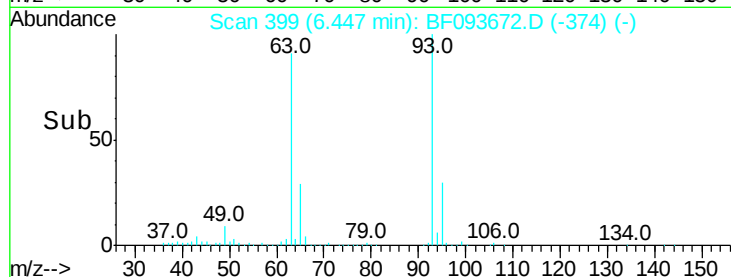
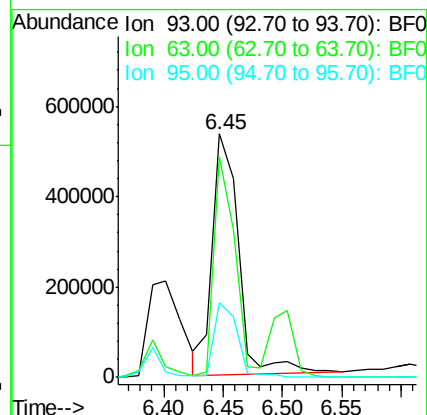
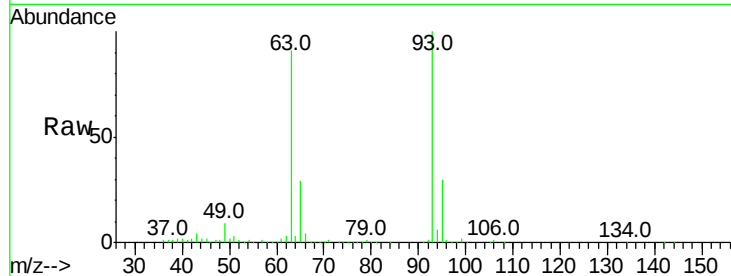




#11
bis(2-Chloroethyl)ether
Concen: 62.36 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

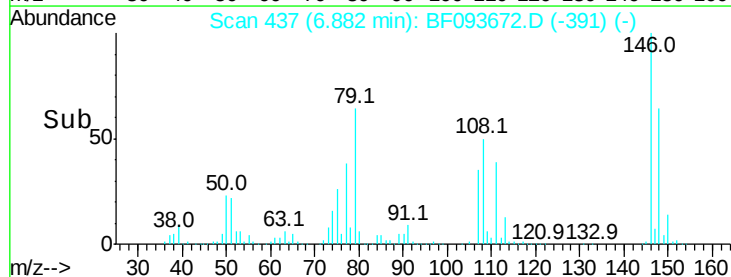
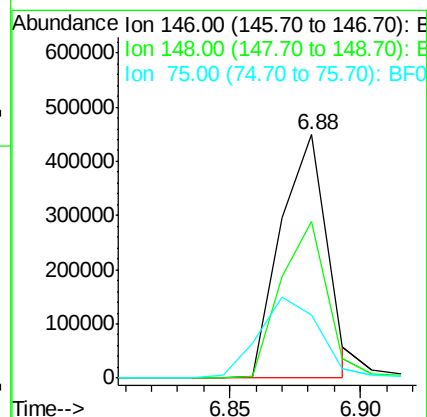
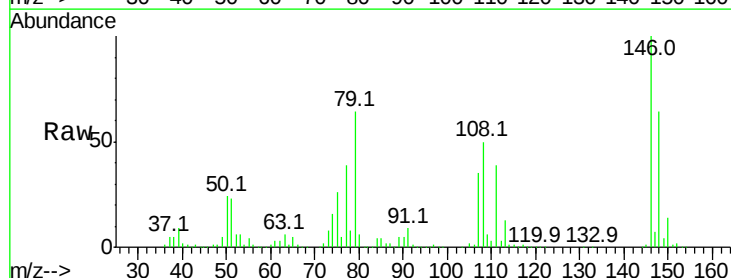
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

Tot Ion: 93 Resp: 809065
Ion Ratio Lower Upper
93 100
63 90.6 60.4 100.4
95 30.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.50 ng
RT: 6.88 min Scan# 437
Delta R.T. 0.23 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion:146 Resp: 552937
Ion Ratio Lower Upper
146 100
148 64.4 53.4 80.0
75 26.0 18.5 27.7

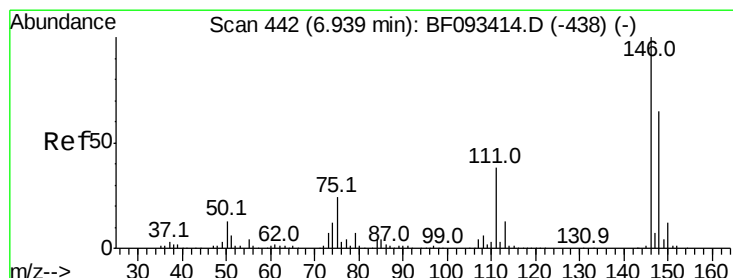
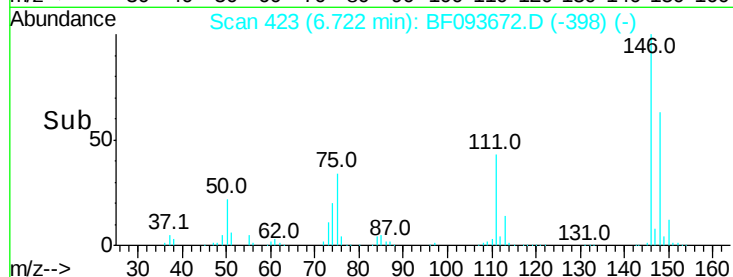
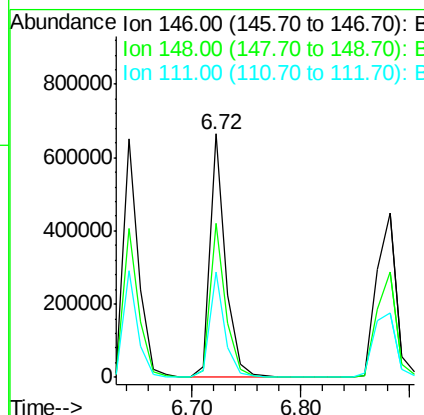
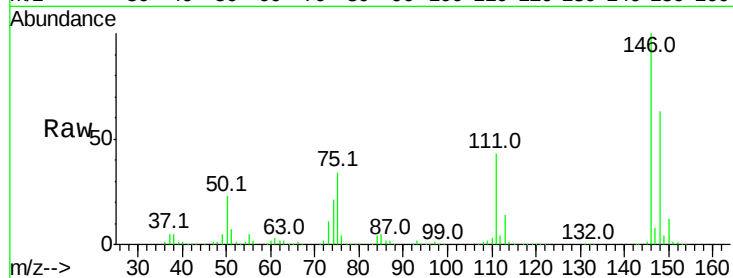




#13
 1,4-Dichlorobenzene
 Concen: 48.78 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

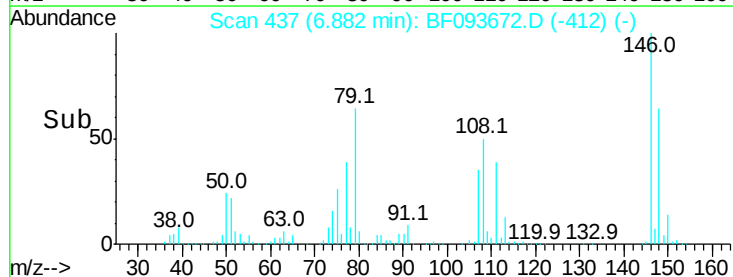
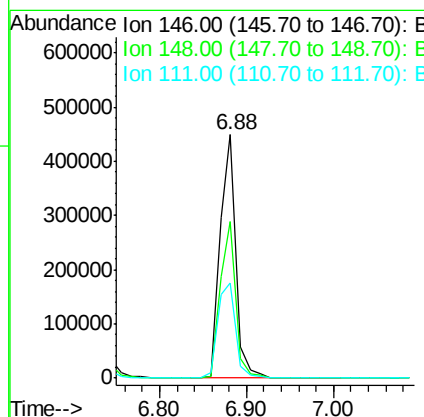
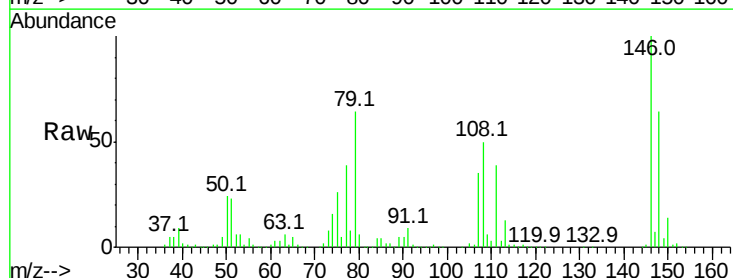
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

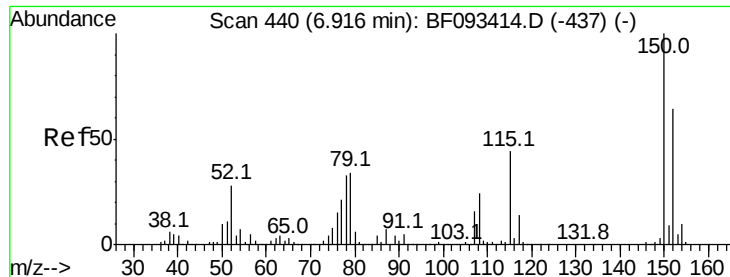
Tot Ion:146 Resp: 665409
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 43.0 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 47.18 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion:146 Resp: 569909
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.2
 111 39.0 36.2 54.2

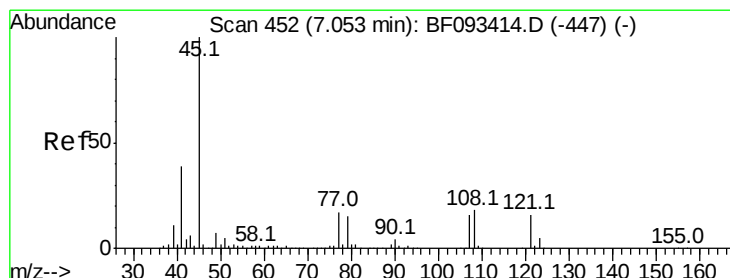
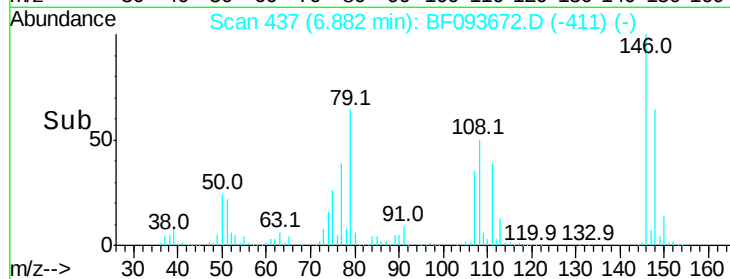
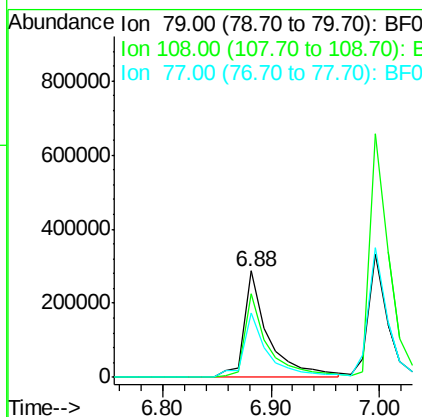
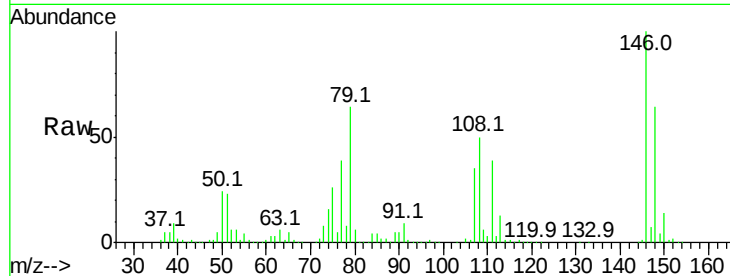




#15
Benzyl Alcohol
Concen: 47.31 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

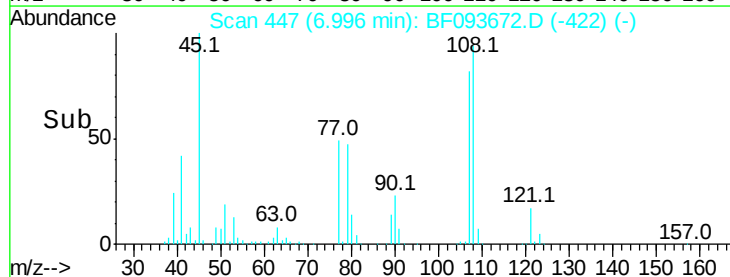
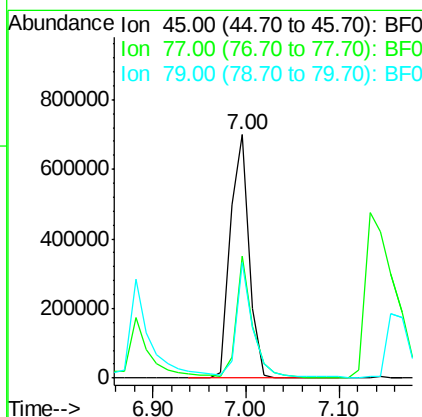
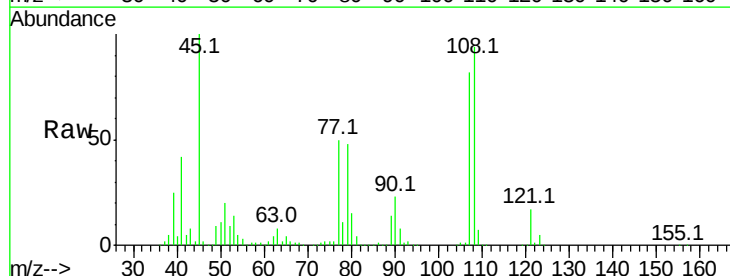
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

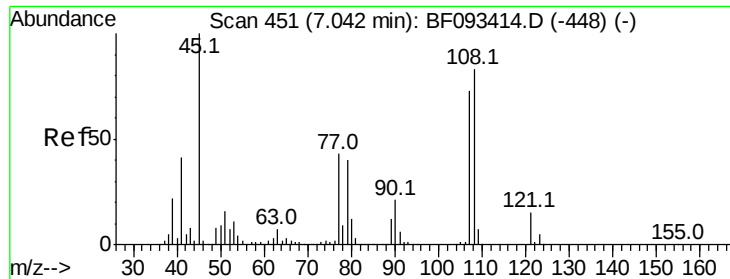
Tot Ion: 79 Resp: 441805
Ion Ratio Lower Upper
79 100
108 78.9 61.4 92.0
77 60.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.47 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion: 45 Resp: 980085
Ion Ratio Lower Upper
45 100
77 49.9 0.0 34.6#
79 47.5 0.0 31.2#

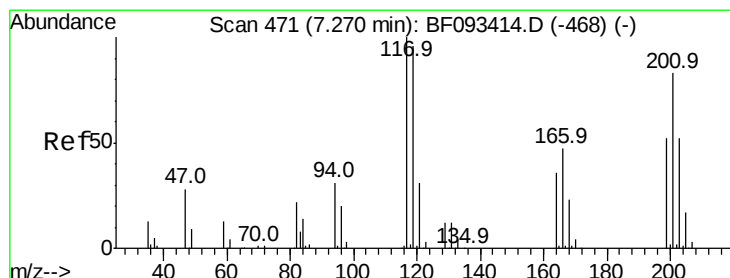
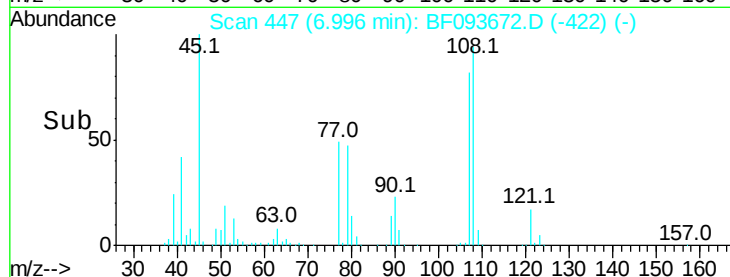
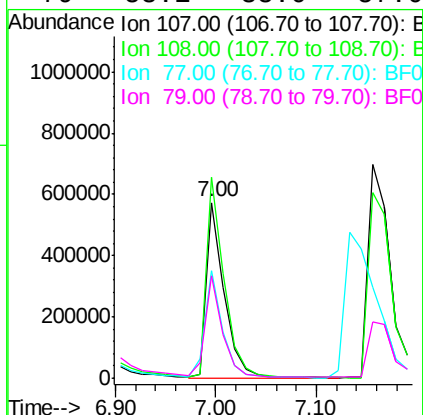
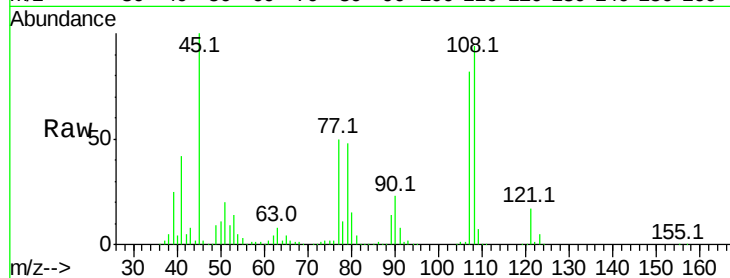




#17
2-Methylphenol
Concen: 70.63 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

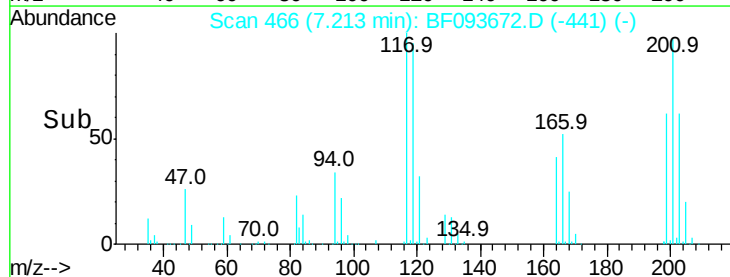
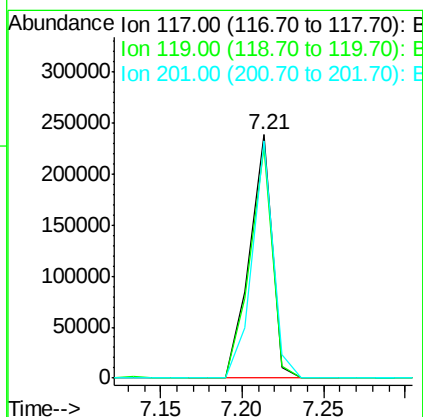
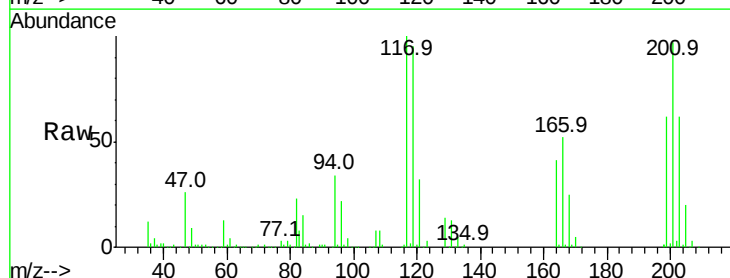
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

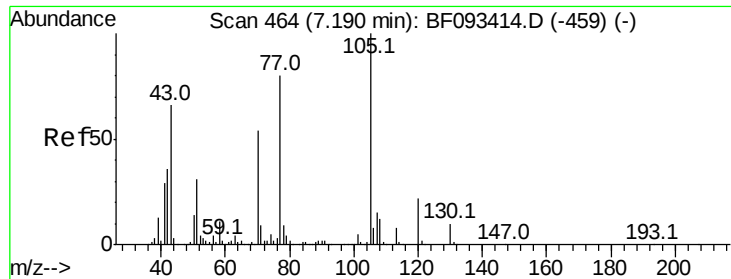
Tot Ion:107 Resp: 695399
Ion Ratio Lower Upper
107 100
108 114.7 93.0 139.6
77 61.0 39.8 59.8#
79 58.1 38.0 57.0#



#18
Hexachloroethane
Concen: 49.91 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion:117 Resp: 229608
Ion Ratio Lower Upper
117 100
119 95.1 78.1 117.1
201 97.2 78.6 117.8

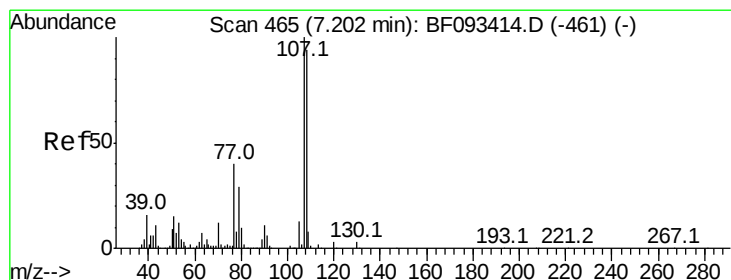
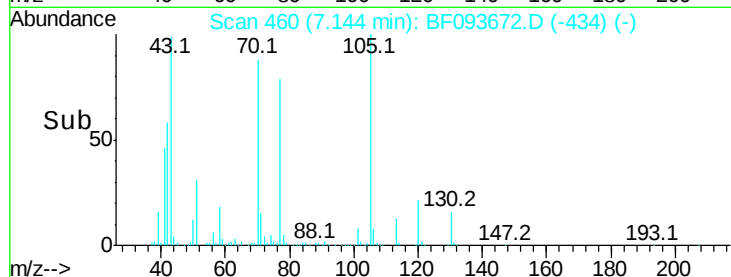
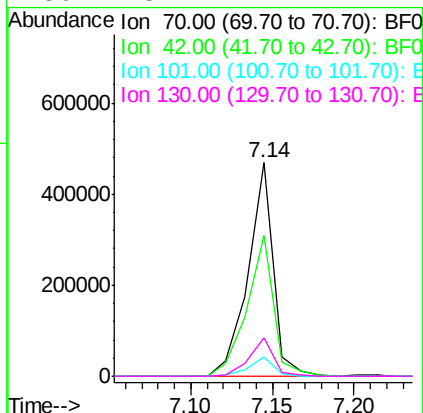
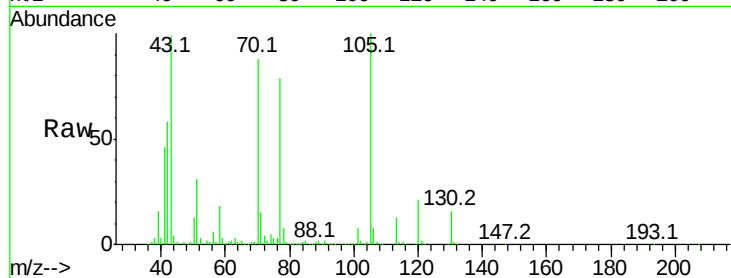




#19
n-Nitroso-di-n-propylamine
Concen: 55.80 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

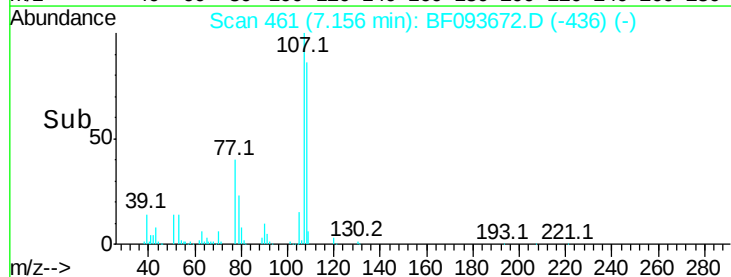
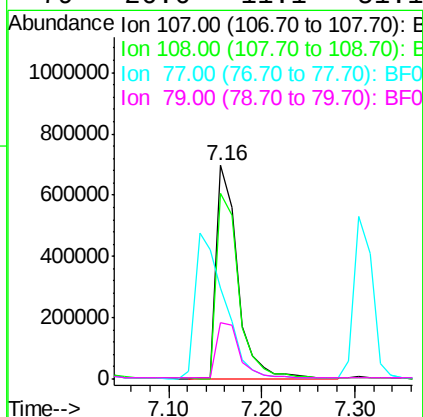
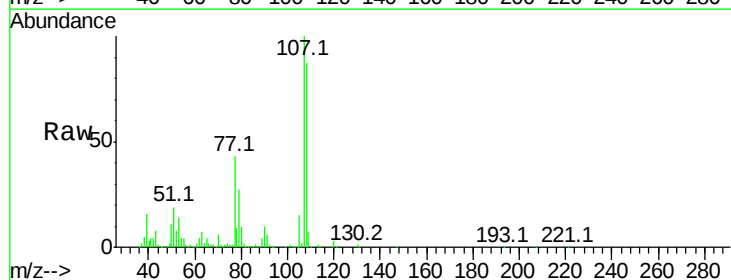
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

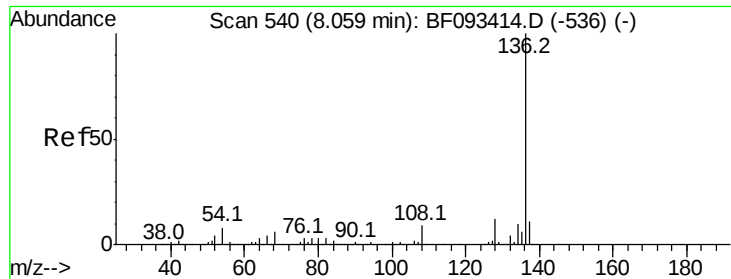
Tot Ion: 70 Resp: 502597
Ion Ratio Lower Upper
70 100
42 65.9 49.4 74.0
101 8.9 7.4 11.2
130 18.2 14.2 21.4



#20
3+4-Methylphenols
Concen: 85.15 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion: 107 Resp: 1087225
Ion Ratio Lower Upper
107 100
108 86.8 73.0 113.0
77 42.7 71.3 111.3#
79 26.6 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

Tot Ion:136 Resp: 722001

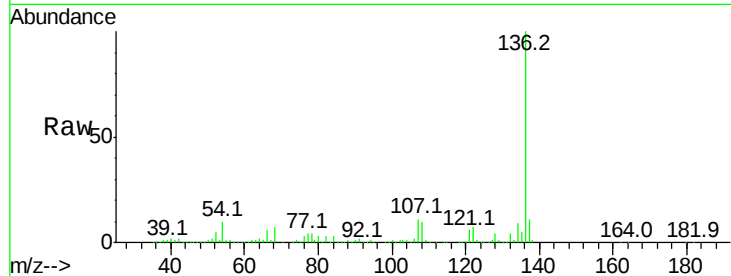
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.7 4.5 6.7#

68 7.0 3.6 5.4#

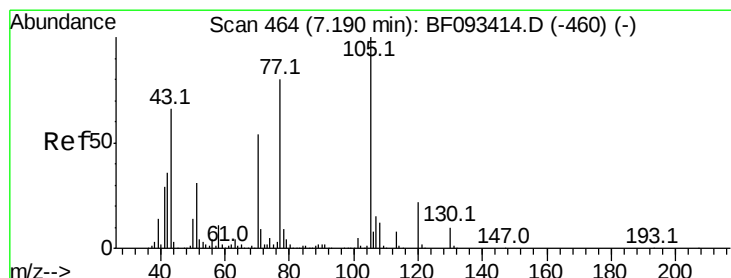
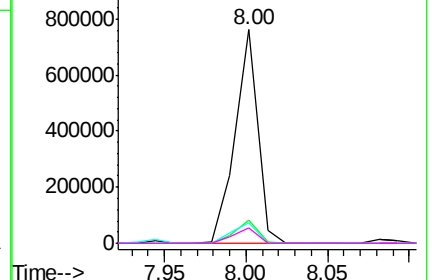
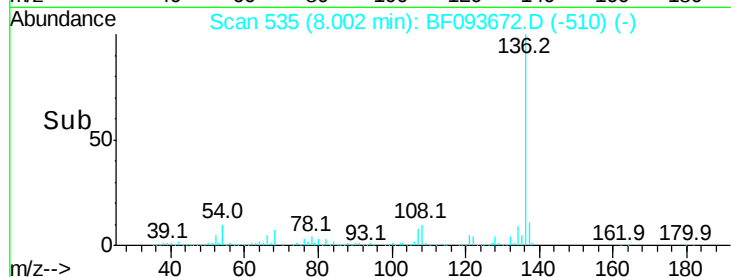


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 50.90 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Tgt Ion:105 Resp: 884285

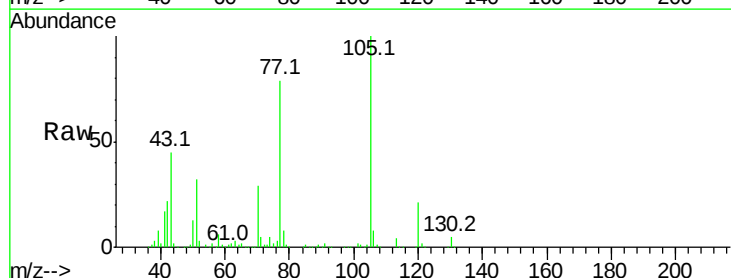
Ion Ratio Lower Upper

105 100

71 5.2 3.2 4.8#

51 32.2 26.2 39.4

120 20.6 16.6 24.8

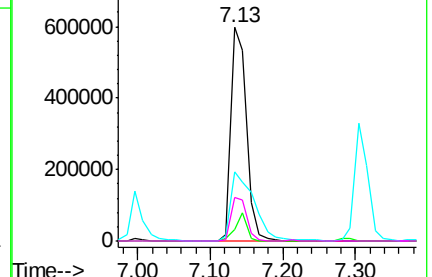
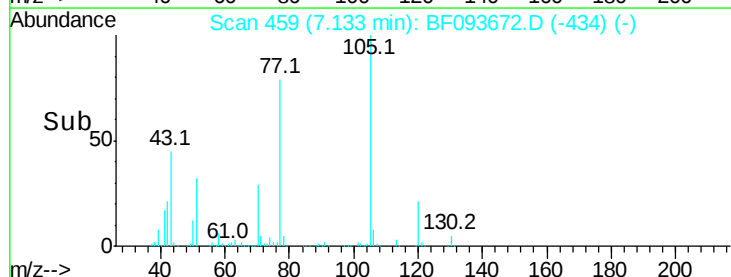


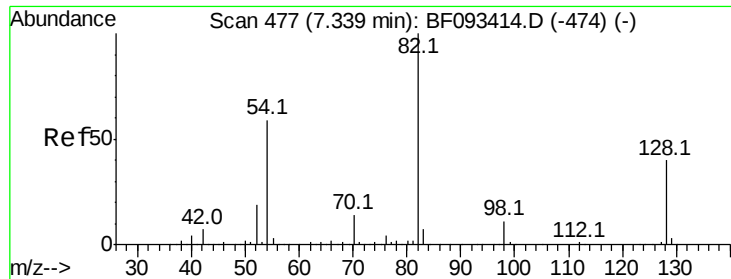
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



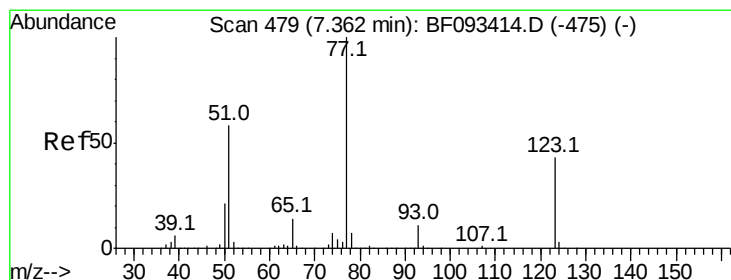
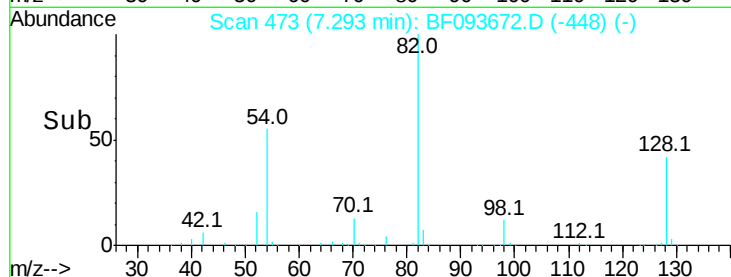
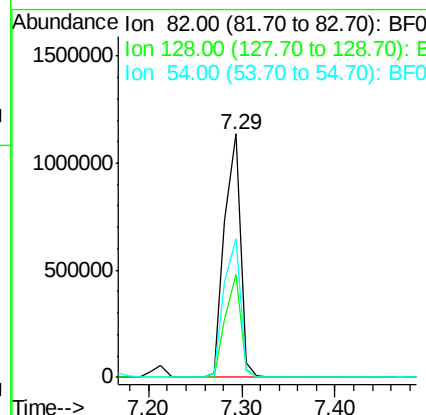
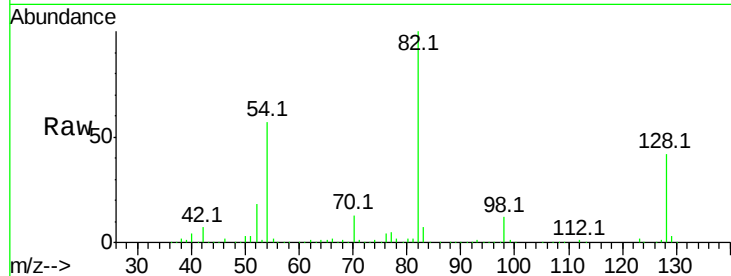


#23
 Nitrobenzene-d5
 Concen: 103.81 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

Tot Ion: 82 Resp: 1350865

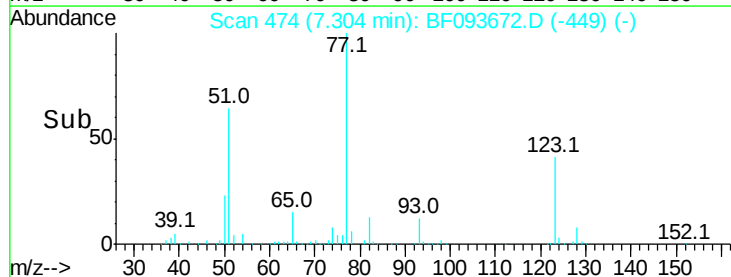
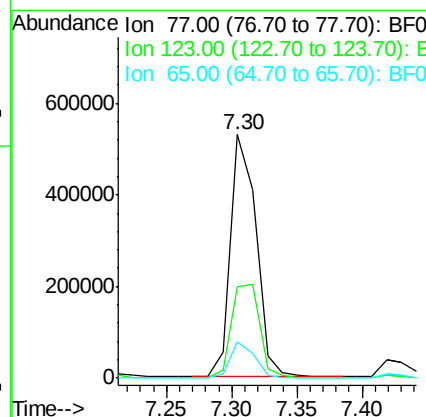
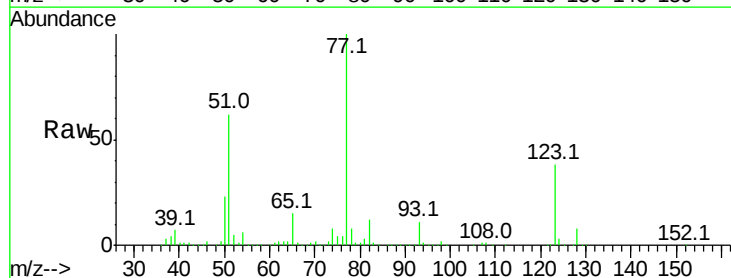
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	56.9	39.5	59.3

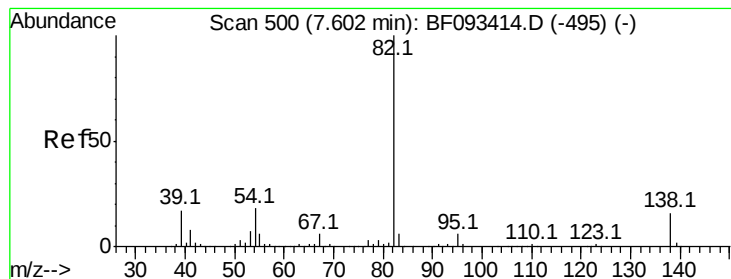


#24
 Nitrobenzene
 Concen: 49.23 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion: 77 Resp: 719947

Ion	Ratio	Lower	Upper
77	100		
123	37.7	33.0	49.4
65	14.9	11.2	16.8





#25

Isophorone

Concen: 54.14 ng

RT: 7.56 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

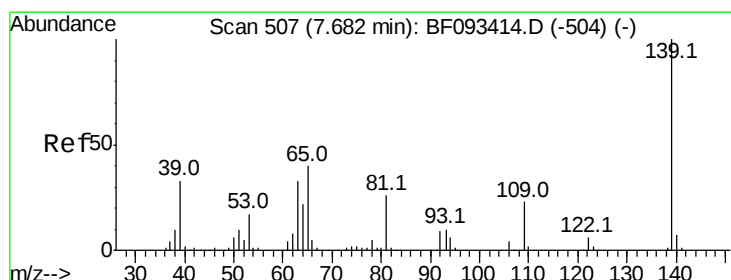
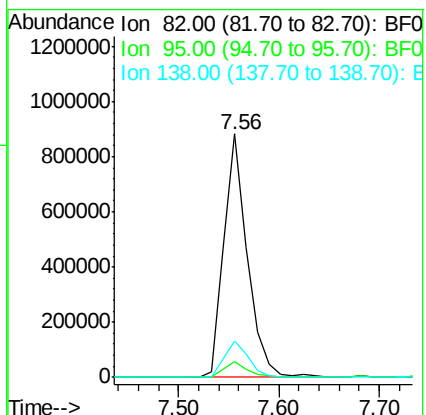
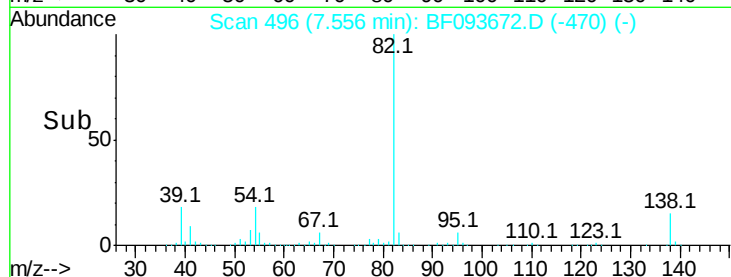
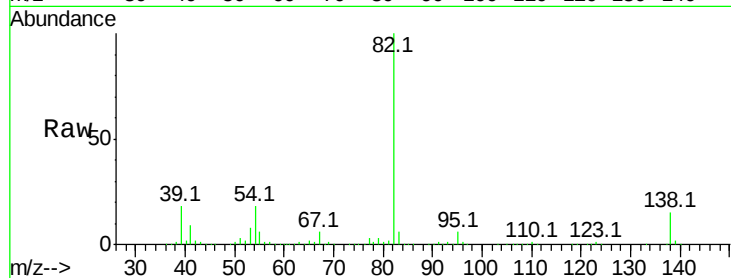
Tot Ion: 82 Resp: 1420611

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

138 14.8 14.6 22.0



#26

2-Nitrophenol

Concen: 52.49 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

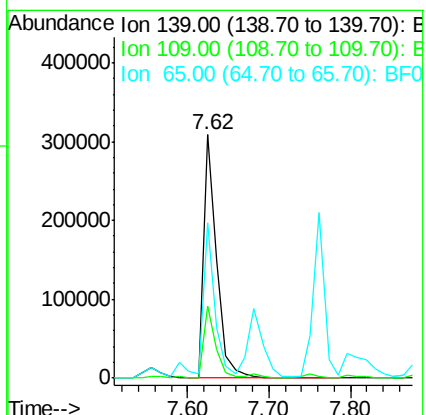
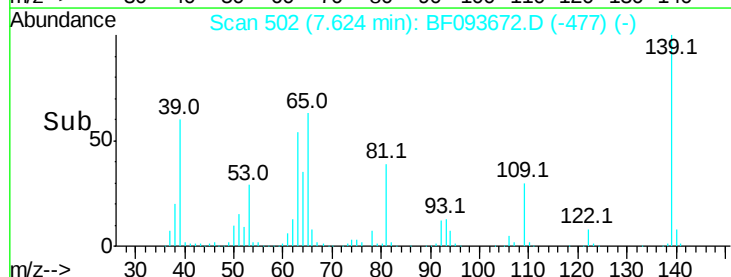
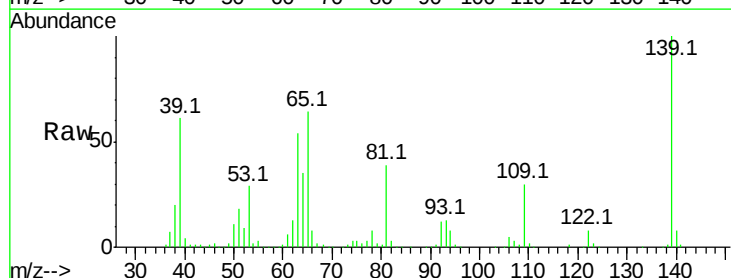
Tgt Ion:139 Resp: 350215

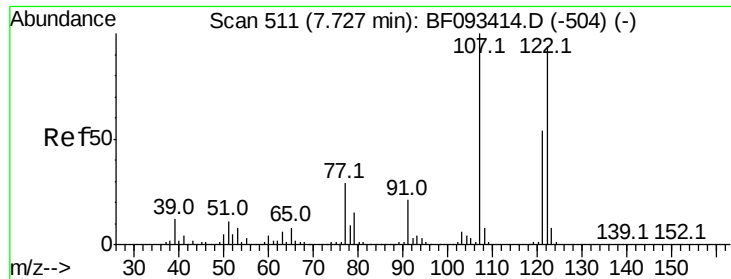
Ion Ratio Lower Upper

139 100

109 29.7 23.3 34.9

65 63.7 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 93.16 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

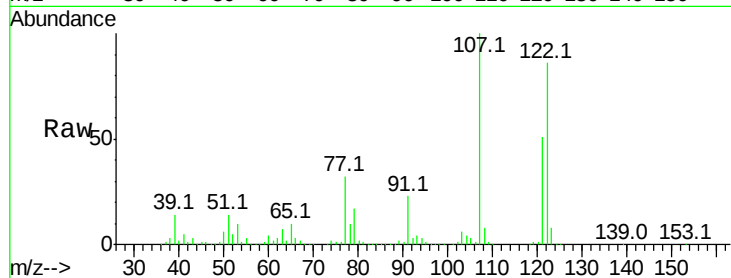
Tot Ion:122 Resp: 1011250

Ion Ratio Lower Upper

122 100

107 115.6 94.1 141.1

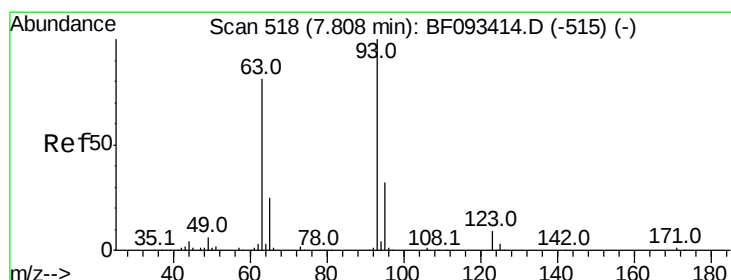
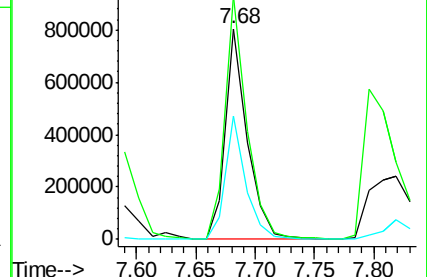
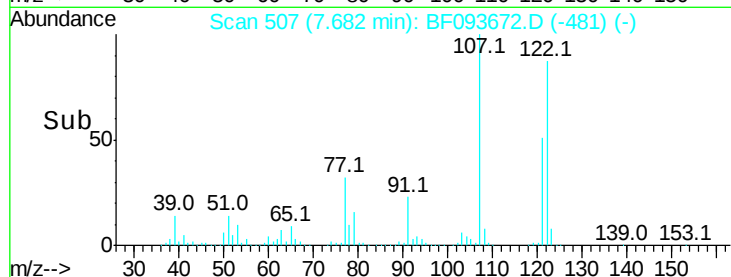
121 58.6 46.0 69.0



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: 52.22 ng

RT: 7.76 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

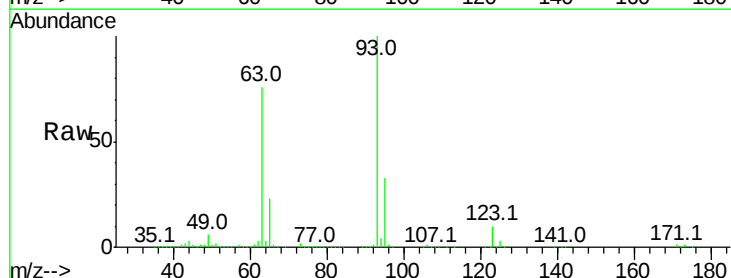
Tgt Ion: 93 Resp: 865008

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

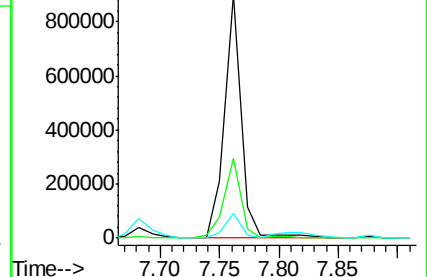
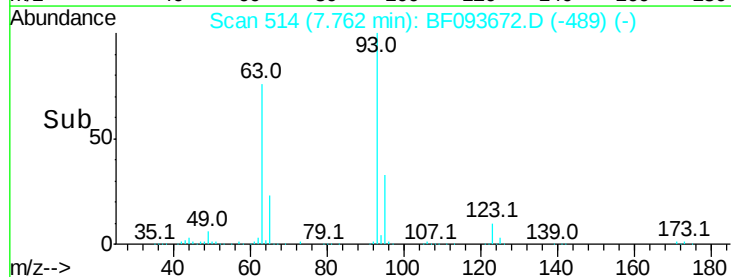
123 9.9 8.6 13.0

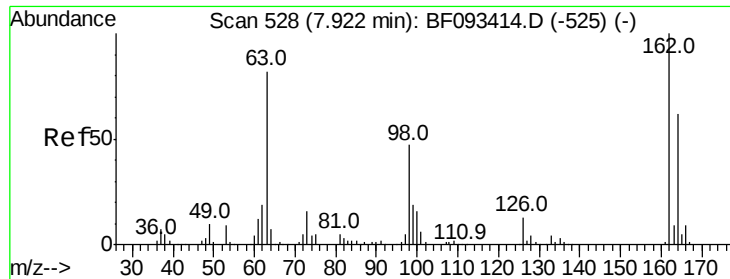


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.14 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

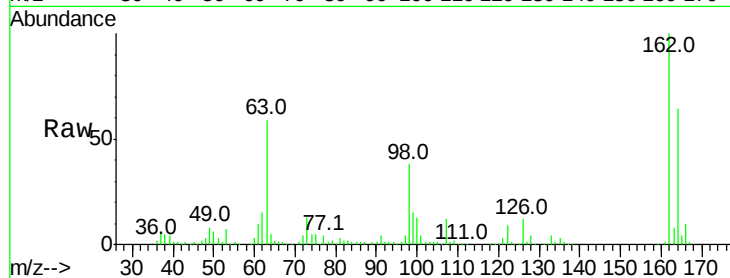
Tot Ion:162 Resp: 501784

Ion Ratio Lower Upper

162 100

164 64.3 46.8 86.8

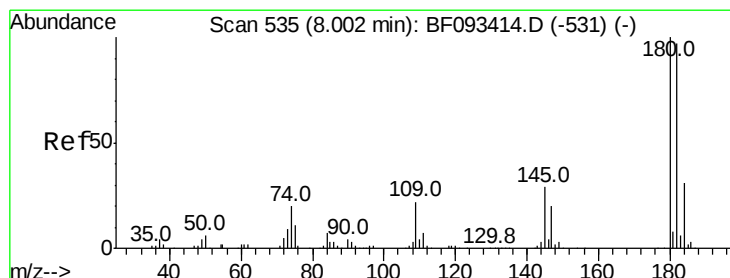
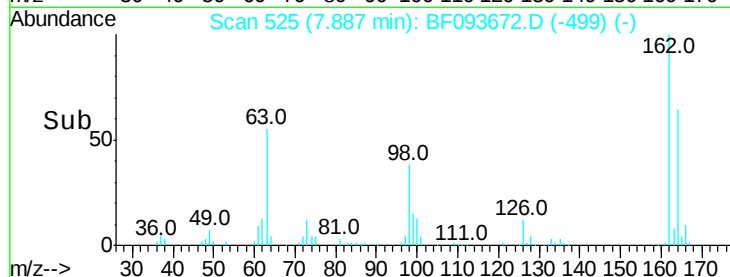
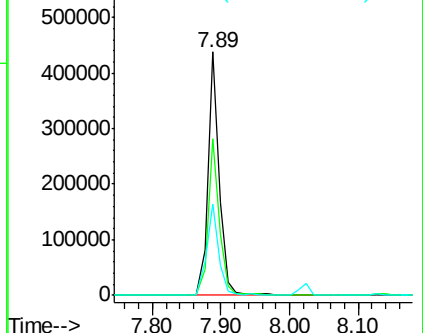
98 37.7 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 46.90 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

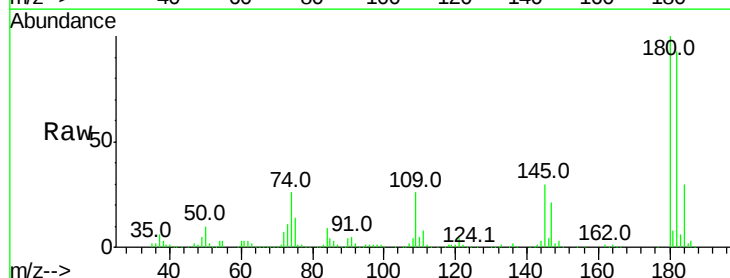
Tgt Ion:180 Resp: 509273

Ion Ratio Lower Upper

180 100

182 93.4 78.2 117.4

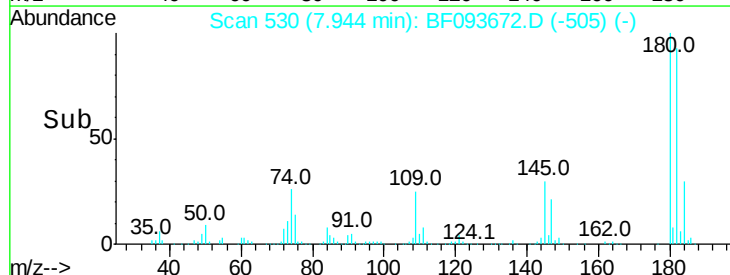
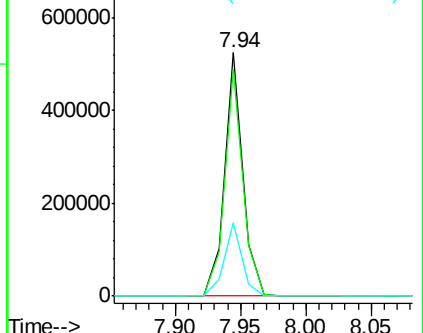
145 30.4 21.6 32.4

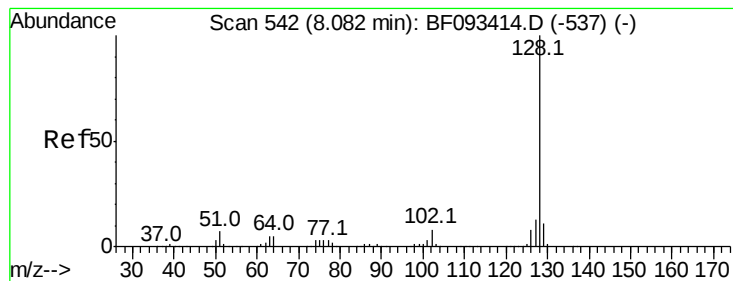


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.79 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

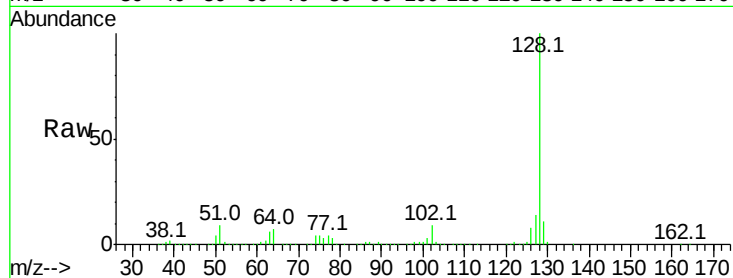
Tot Ion:128 Resp: 1801383

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

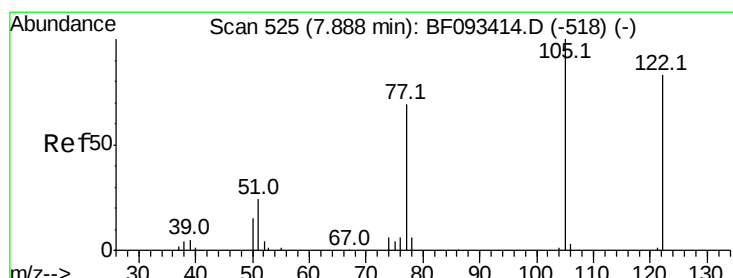
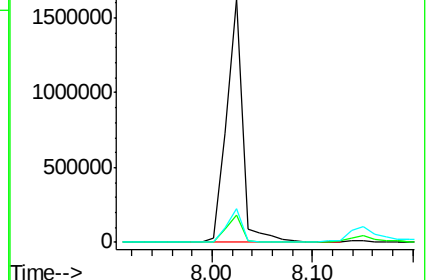
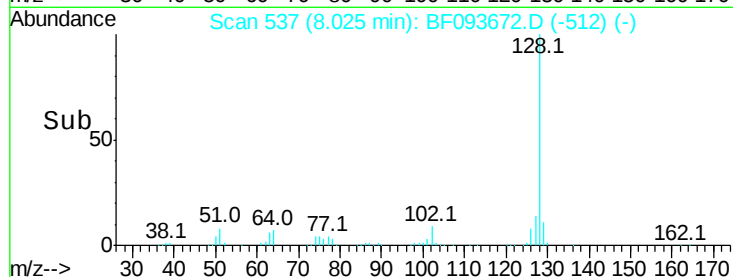
127 13.7 10.8 16.2



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: 106.85 ng

RT: 7.82 min Scan# 519

Delta R.T. -0.03 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

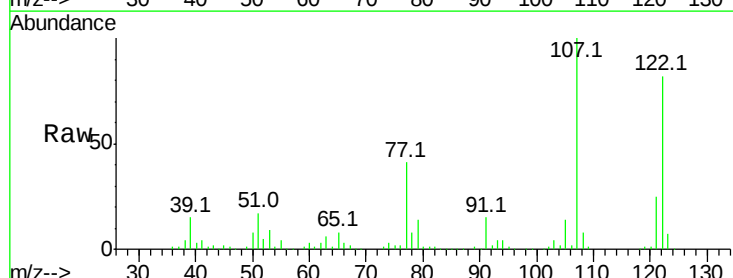
Tgt Ion:122 Resp: 602691

Ion Ratio Lower Upper

122 100

105 17.5 107.2 147.2#

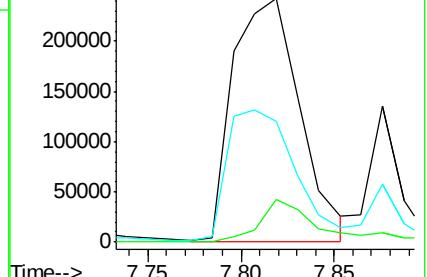
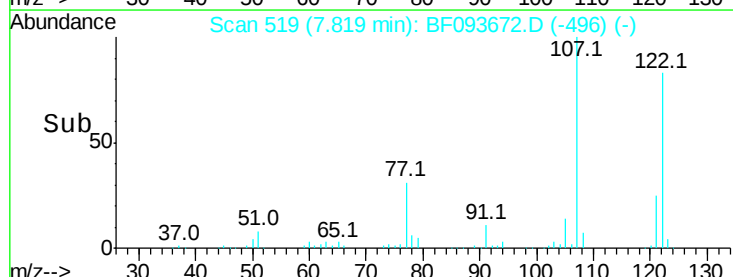
77 49.8 74.5 114.5#

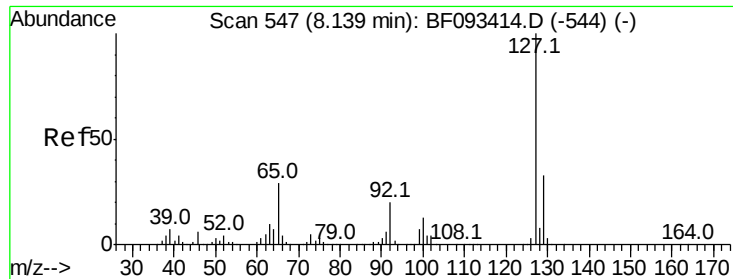


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

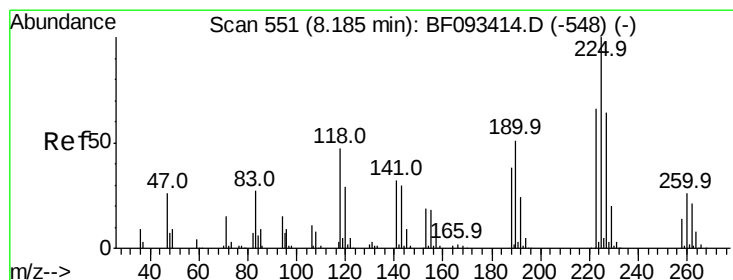
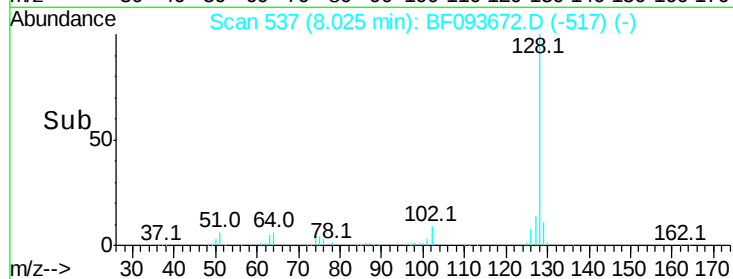
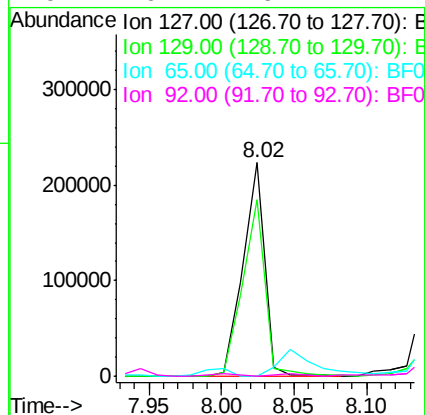
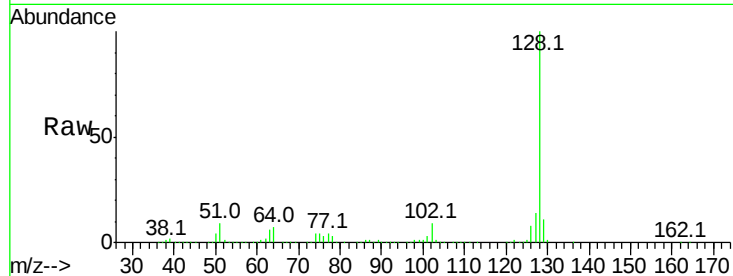




#33
4-Chloroaniline
Concen: 15.85 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.07 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

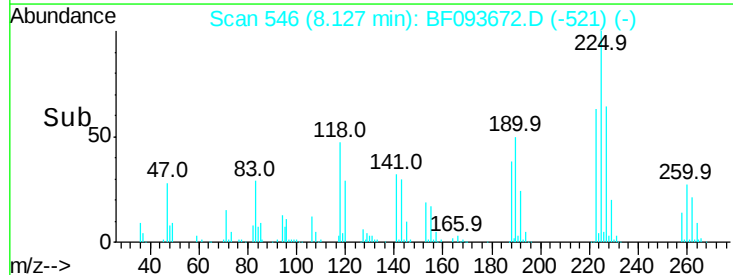
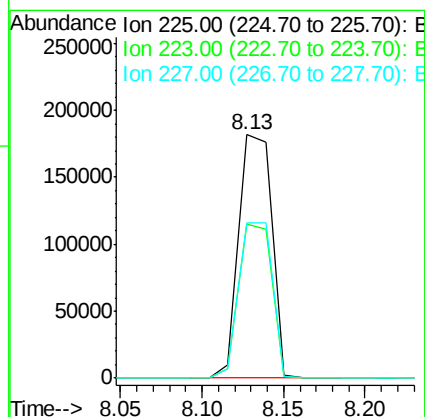
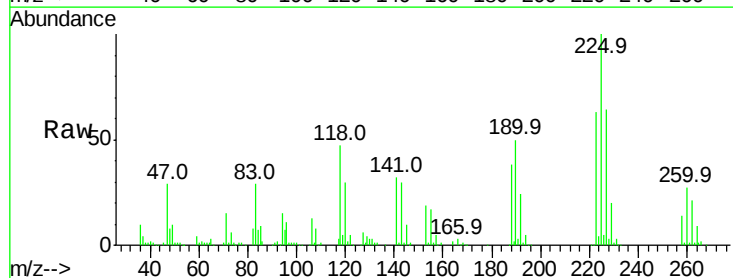
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

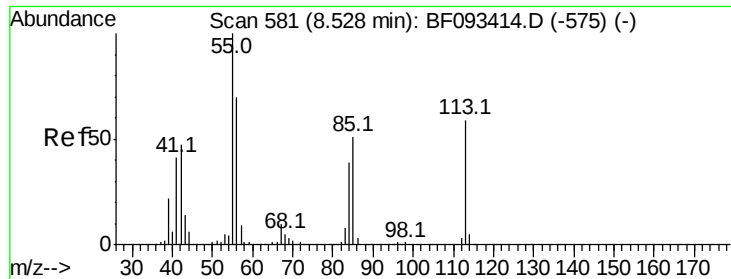
Tot Ion:	127	Resp:	232730
Ion	Ratio	Lower	Upper
127	100		
129	82.7	26.3	39.5#
65	0.0	25.8	38.8#
92	0.2	16.1	24.1#



#34
Hexachlorobutadiene
Concen: 45.35 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion:	225	Resp:	253676
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	63.7	50.6	76.0

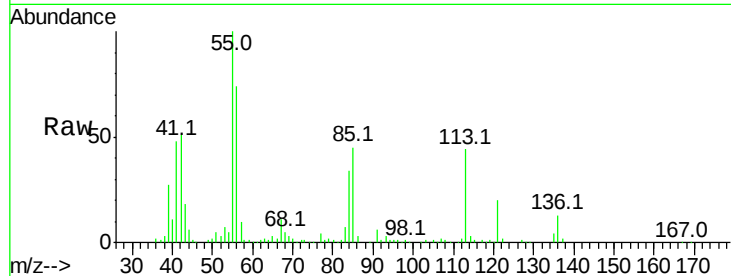




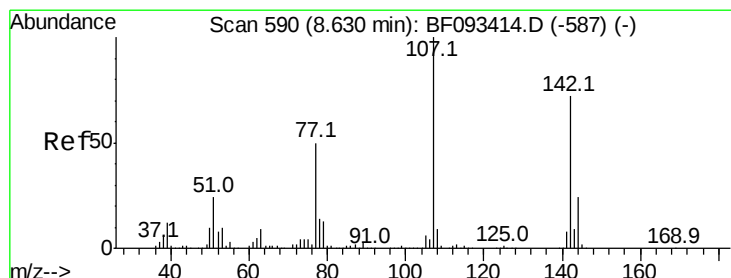
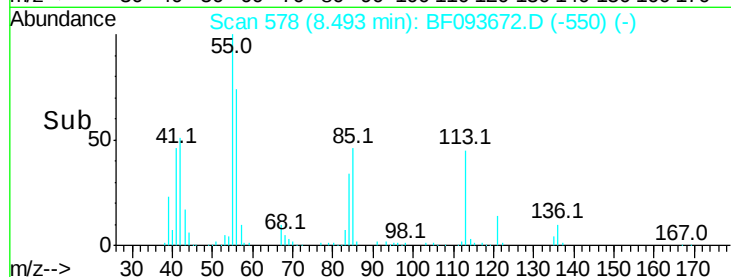
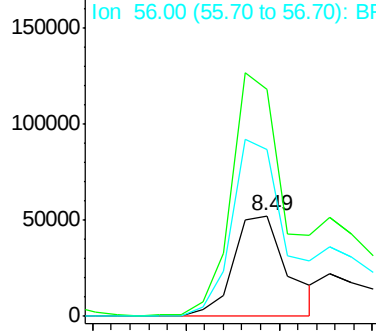
#35
Caprolactam
Concen: 30.15 ng
RT: 8.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

Tot Ion:113 Resp: 105163
Ion Ratio Lower Upper
113 100
55 225.7 119.2 159.2#
56 166.5 83.8 123.8#

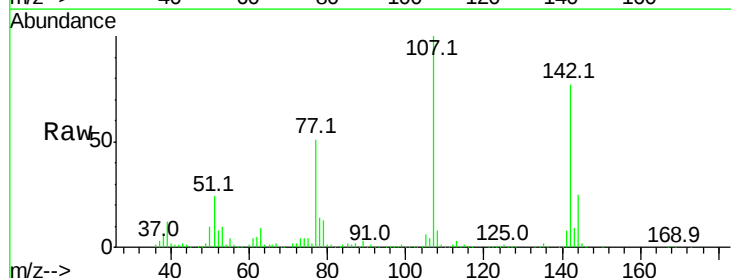


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

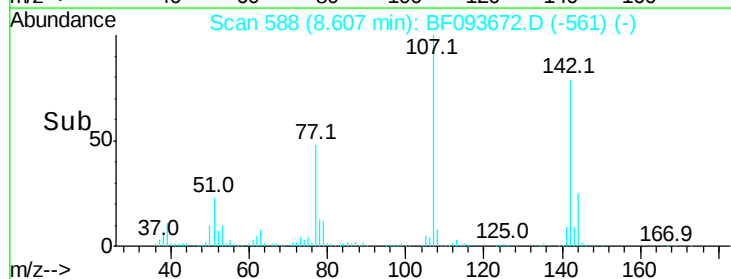
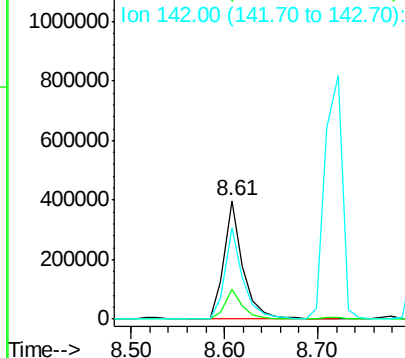


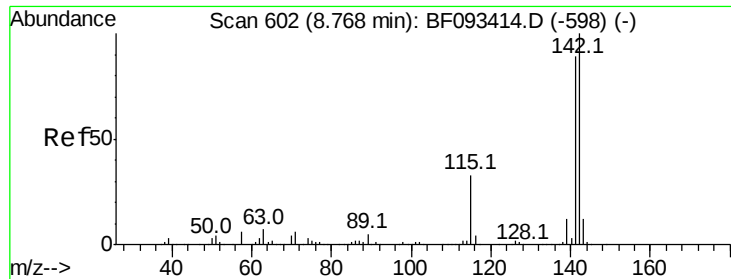
#36
4-Chloro-3-methylphenol
Concen: 51.07 ng
RT: 8.61 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion:107 Resp: 556630
Ion Ratio Lower Upper
107 100
144 24.6 19.3 28.9
142 77.3 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

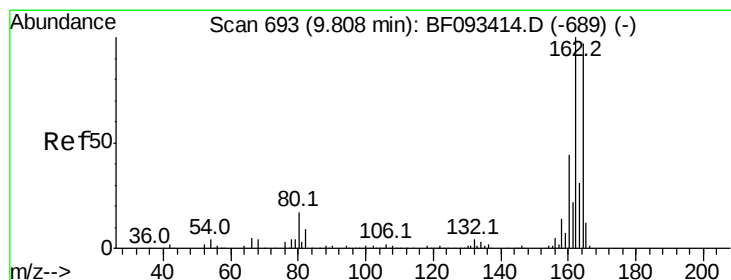
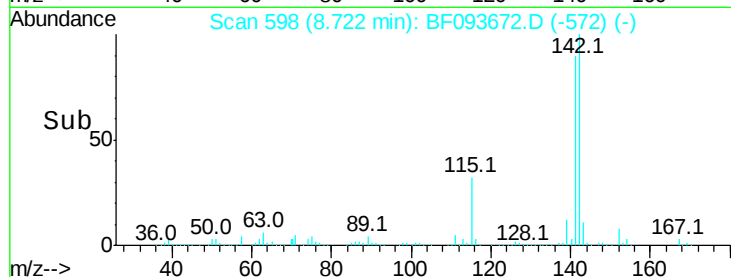
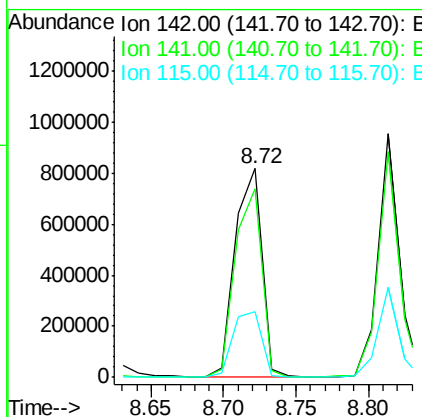
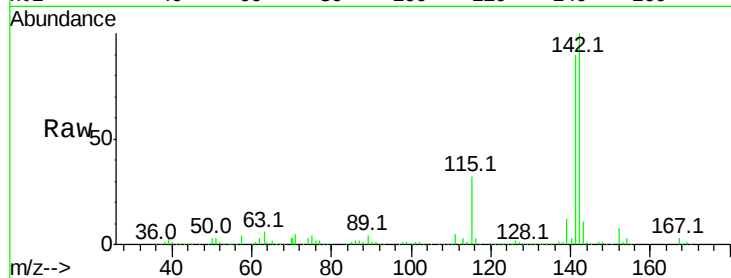




#37
 2-Methylnaphthalene
 Concen: 45.89 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

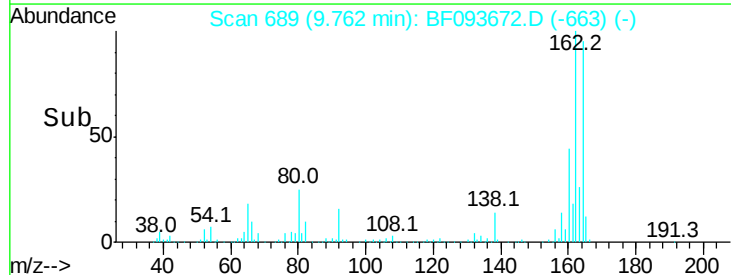
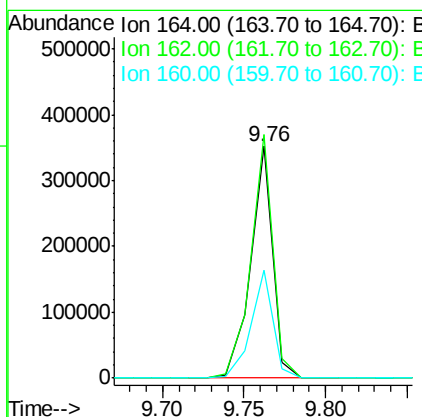
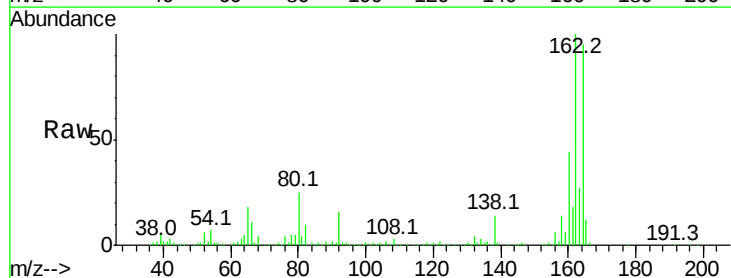
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

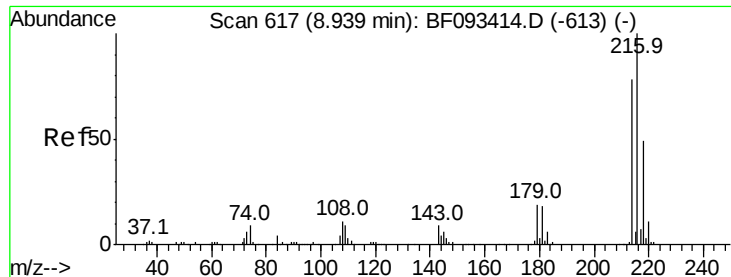
Tot Ion:142 Resp: 1056326
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 31.6 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion:164 Resp: 327067
 Ion Ratio Lower Upper
 164 100
 162 105.2 80.2 120.2
 160 46.6 36.9 55.3

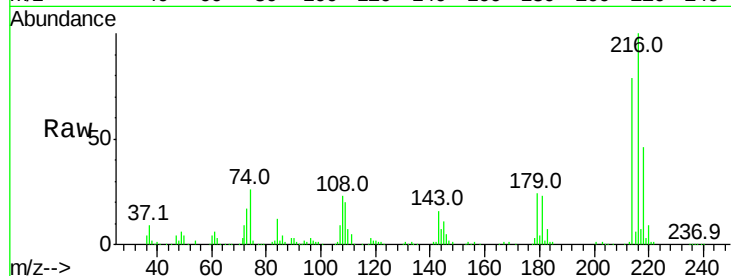




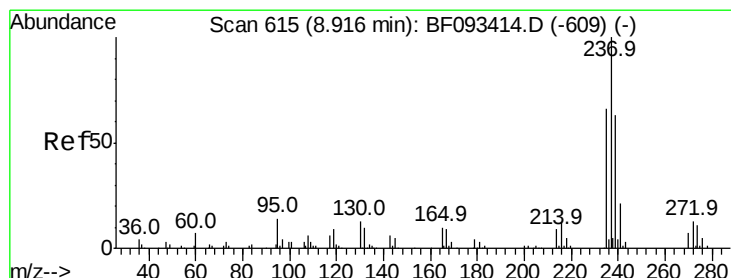
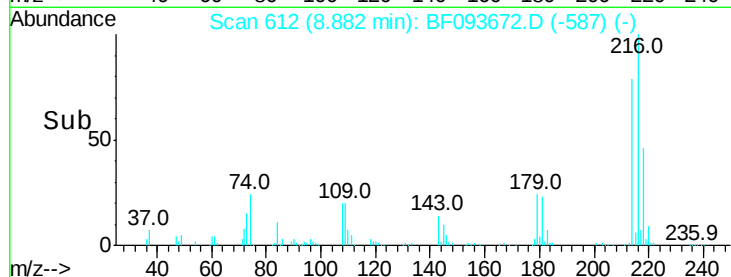
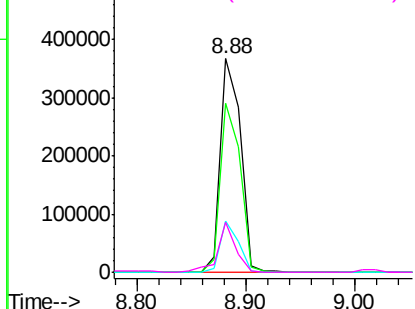
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.45 ng
 RT: 8.88 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

Tot Ion:	216	Resp:	477322
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.4	95.0
179	21.9	17.4	26.2
108	20.4	15.6	23.4

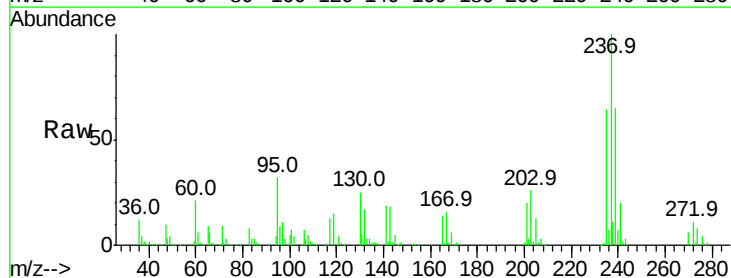


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

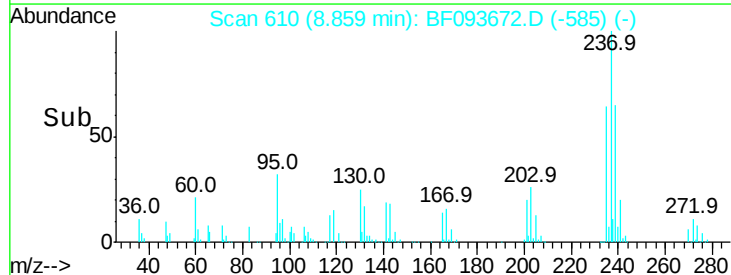
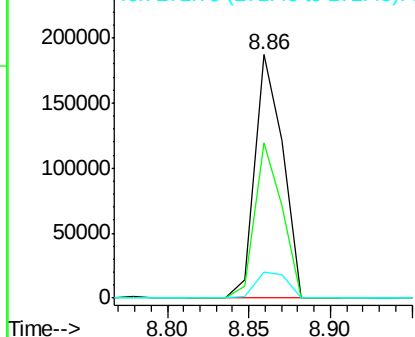


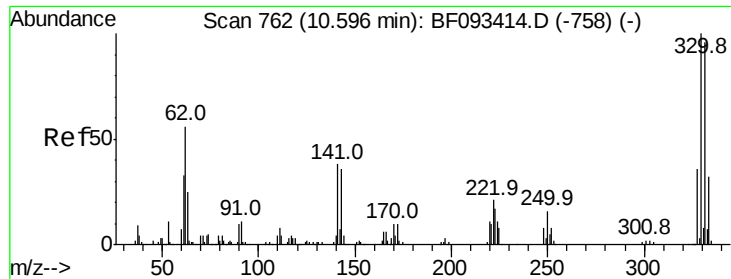
#40
 Hexachlorocyclopentadiene
 Concen: 95.63 ng
 RT: 8.86 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion:	237	Resp:	221768
Ion	Ratio	Lower	Upper
237	100		
235	64.0	41.2	81.2
272	10.6	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

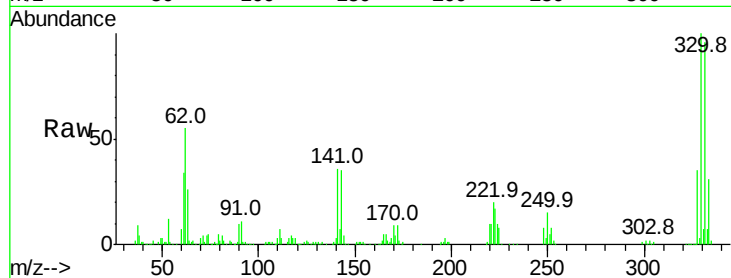




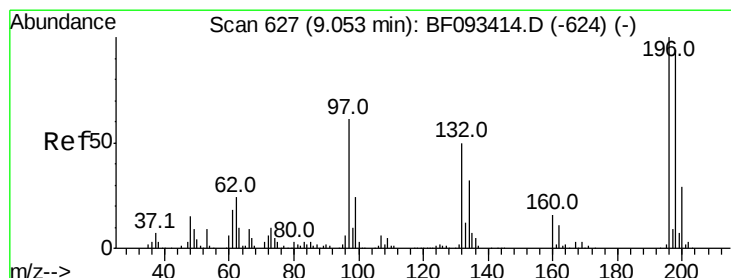
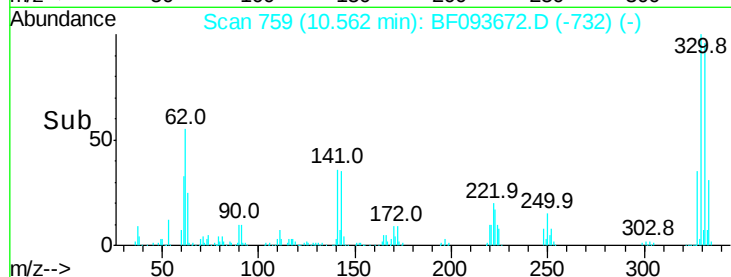
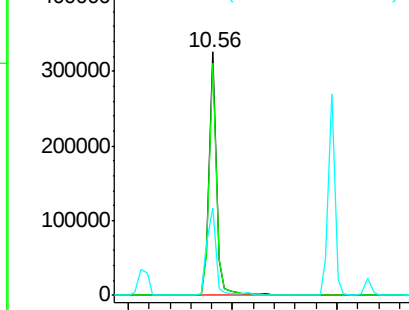
#41
 2,4,6-Tribromophenol
 Concen: 151.31 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

Tot Ion:330 Resp: 322419
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 43.9 34.1 51.1

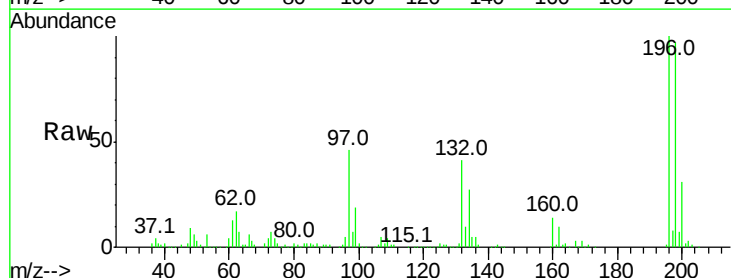


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

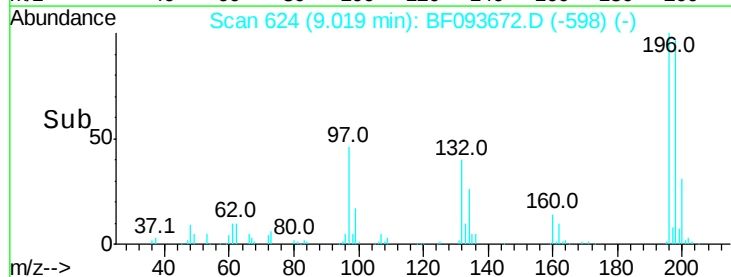
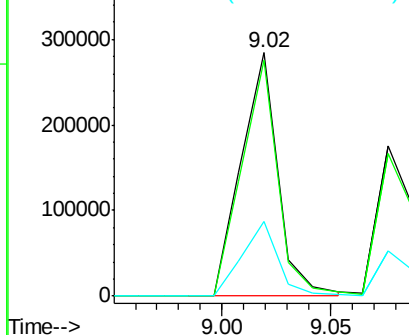


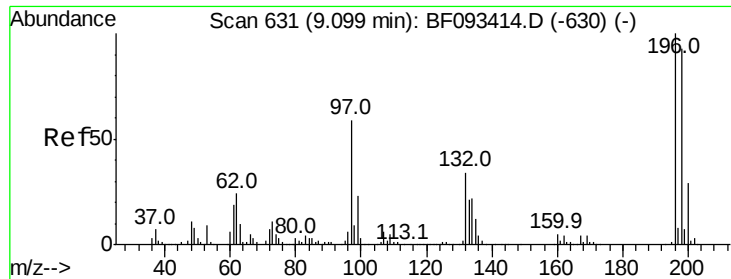
#42
 2,4,6-Trichlorophenol
 Concen: 59.85 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion:196 Resp: 333984
 Ion Ratio Lower Upper
 196 100
 198 97.0 82.1 123.1
 200 30.9 27.0 40.4



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

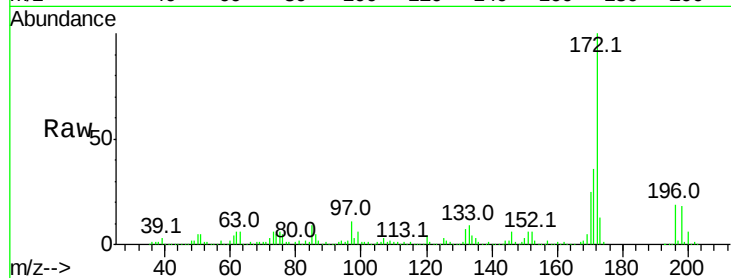




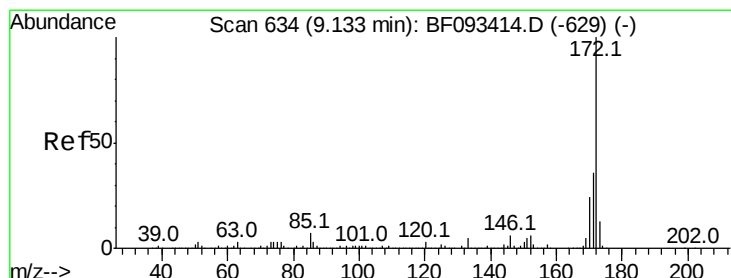
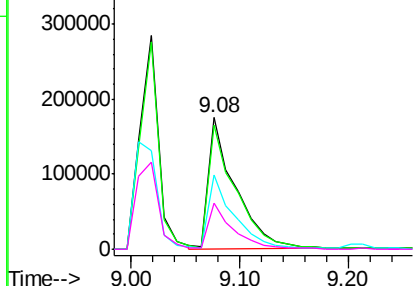
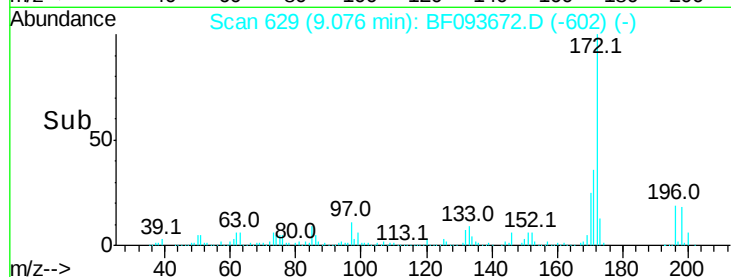
#43
 2,4,5-Trichlorophenol
 Concen: 50.17 ng
 RT: 9.08 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

Tot Ion:	196	Resp:	300380
Ion	Ratio	Lower	Upper
196	100		
198	95.0	79.4	119.2
97	56.1	51.5	77.3
132	34.7	27.4	41.2

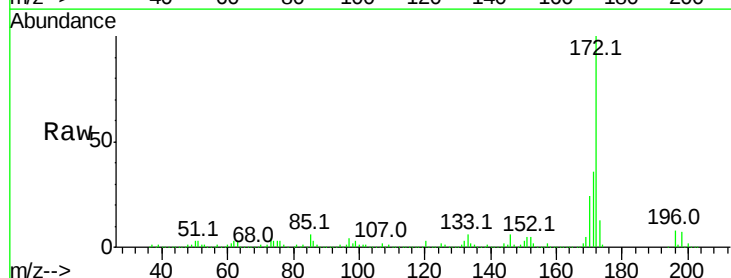


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

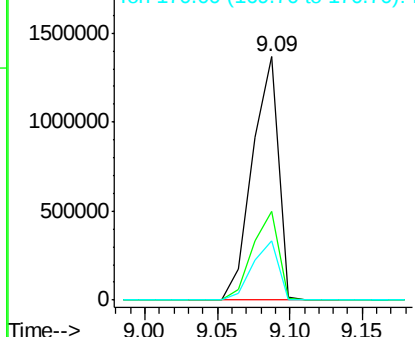
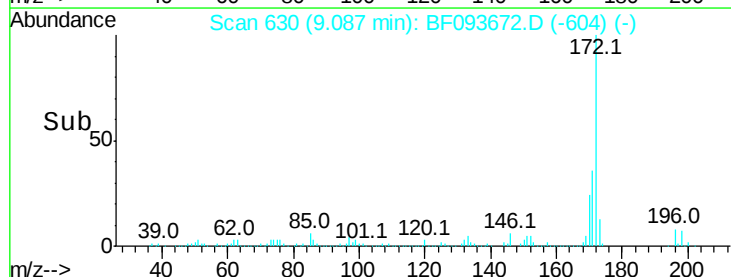


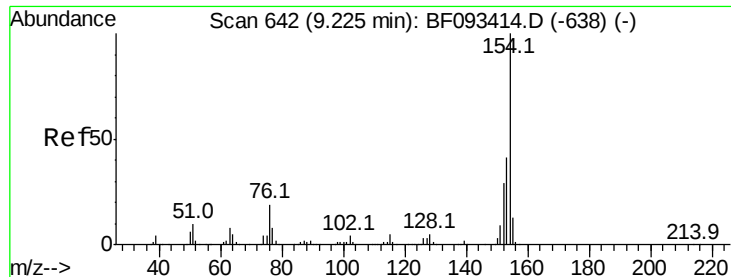
#44
 2-Fluorobiphenyl
 Concen: 96.65 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion:	172	Resp:	1699409
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.5	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: 52.66 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

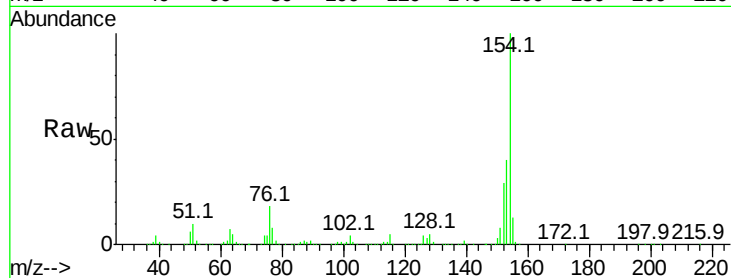
Tot Ion:154 Resp: 1254571

Ion Ratio Lower Upper

154 100

153 40.2 20.9 60.9

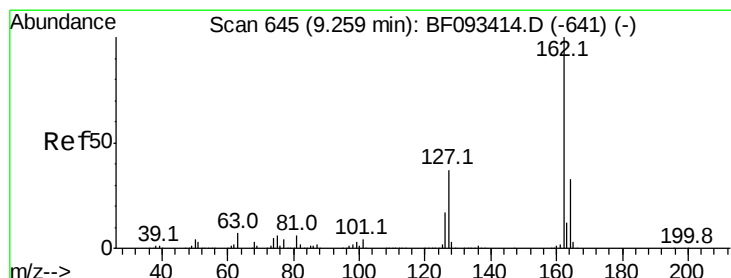
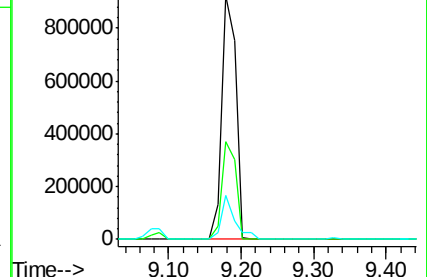
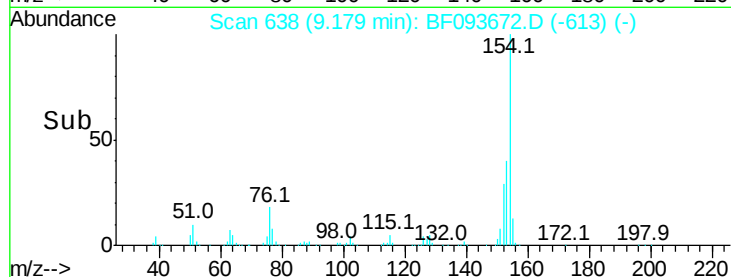
76 18.2 0.0 30.5



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: 58.05 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

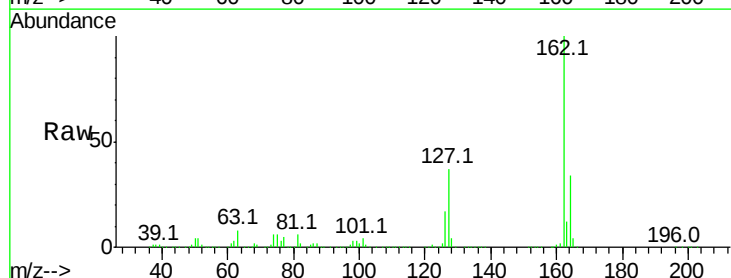
Tgt Ion:162 Resp: 1058704

Ion Ratio Lower Upper

162 100

127 37.0 30.7 46.1

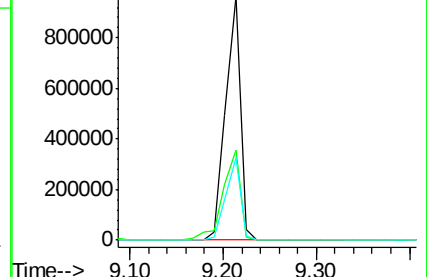
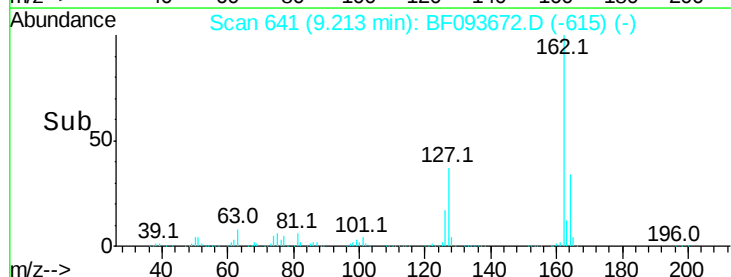
164 34.0 27.6 41.4

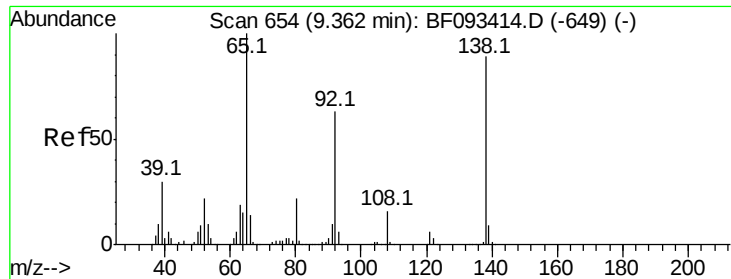


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

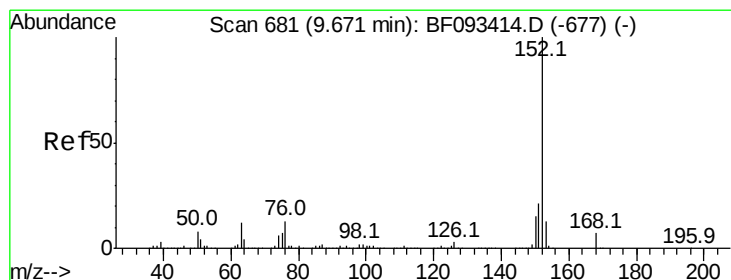
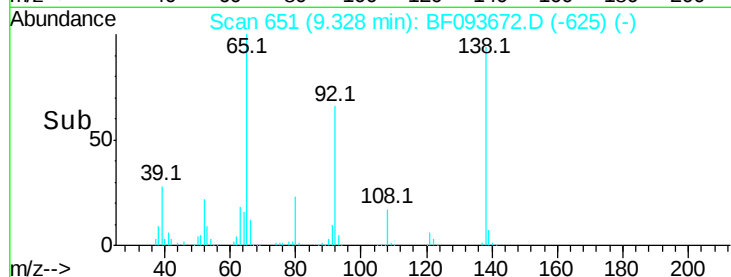
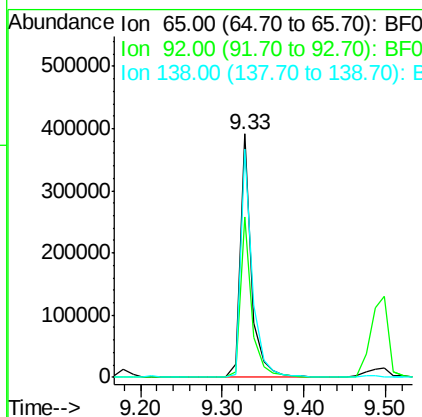
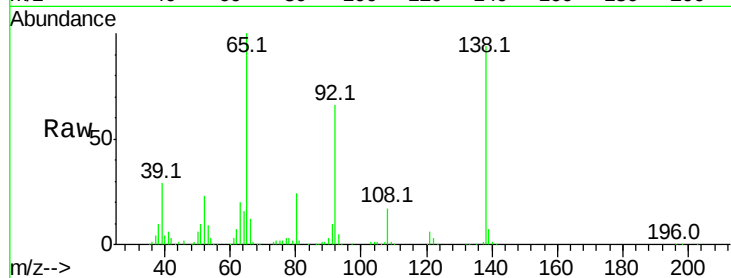




#47
2-Nitroaniline
Concen: 58.35 ng
RT: 9.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

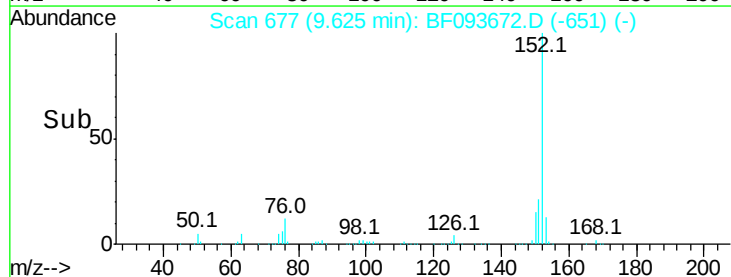
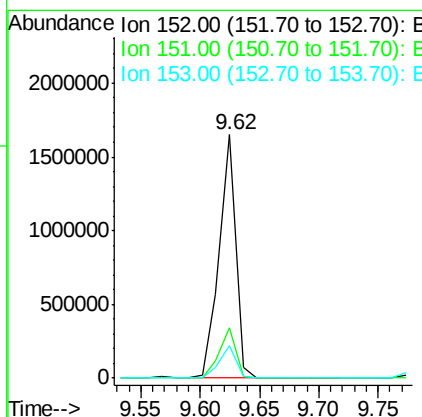
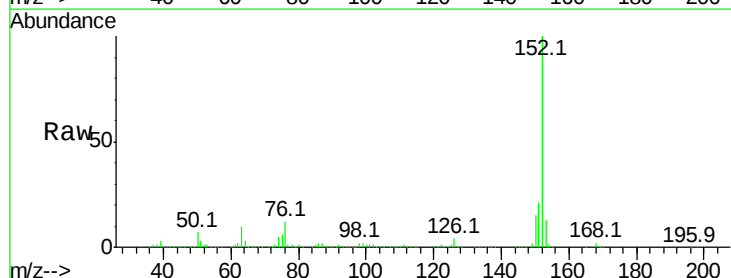
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

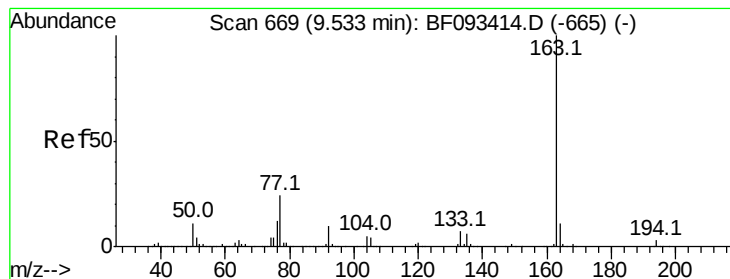
Tot Ion: 65 Resp: 376164
Ion Ratio Lower Upper
65 100
92 65.7 53.9 80.9
138 93.9 76.8 115.2



#48
Acenaphthylene
Concen: 52.92 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion: 152 Resp: 1591773
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.3 11.4 17.2





#49

Dimethylphthalate

Concen: 67.56 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

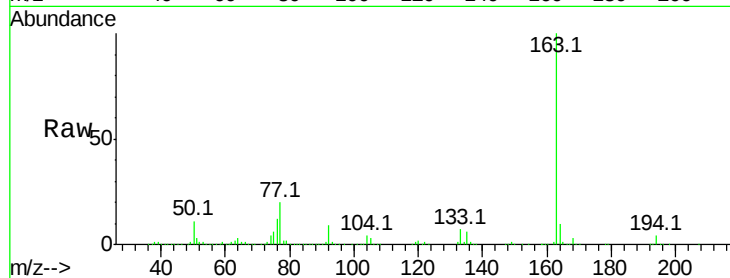
Tot Ion:163 Resp: 1464842

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

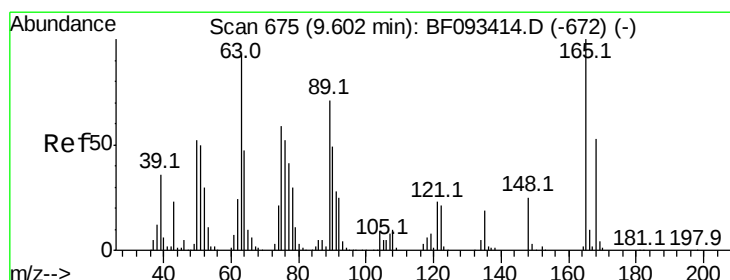
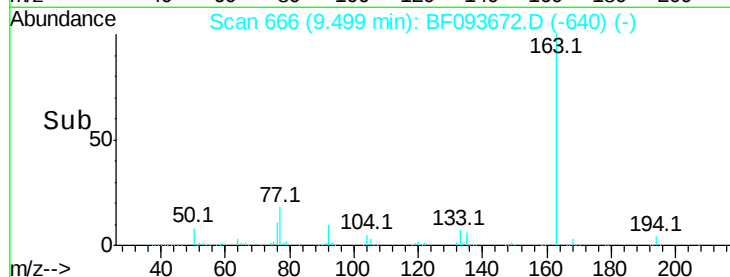
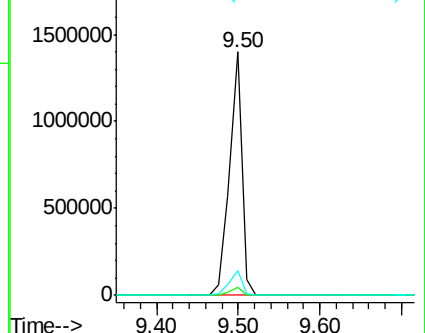
164 10.2 8.0 12.0



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: 46.23 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

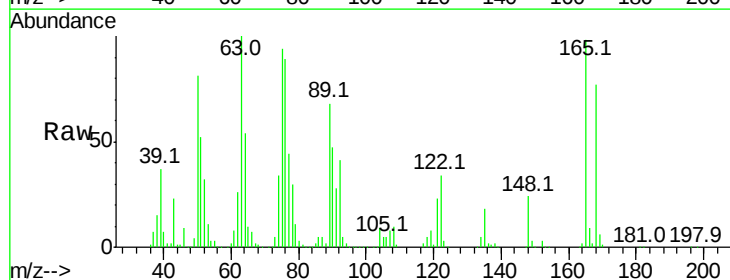
Tgt Ion:165 Resp: 219943

Ion Ratio Lower Upper

165 100

63 102.4 36.2 54.4#

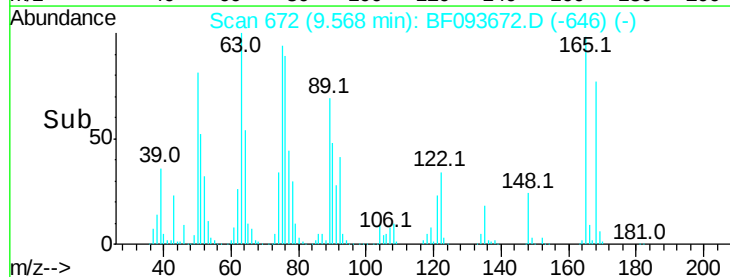
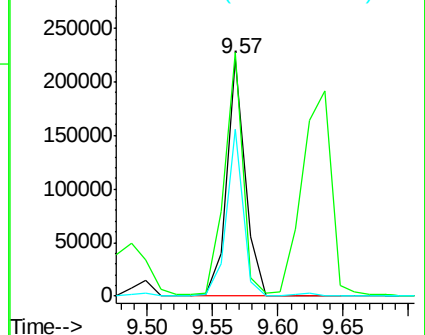
89 70.1 40.2 60.4#

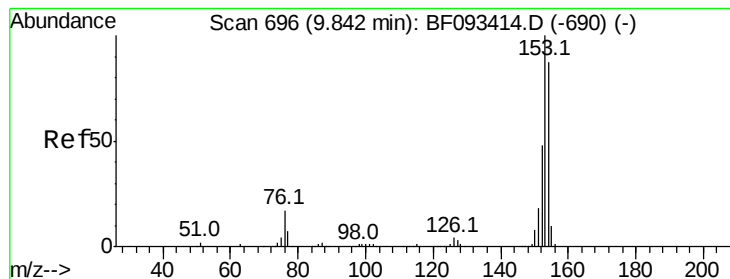


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 52.87 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

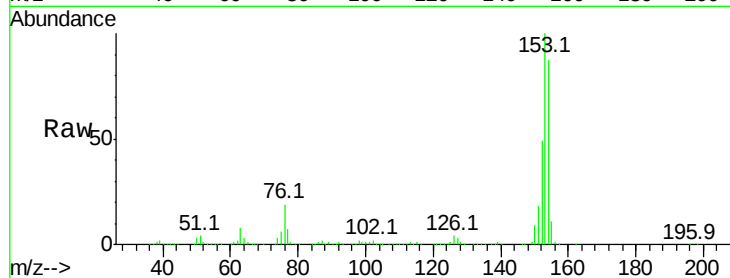
Tot Ion:154 Resp: 940358

Ion Ratio Lower Upper

154 100

153 114.8 88.6 133.0

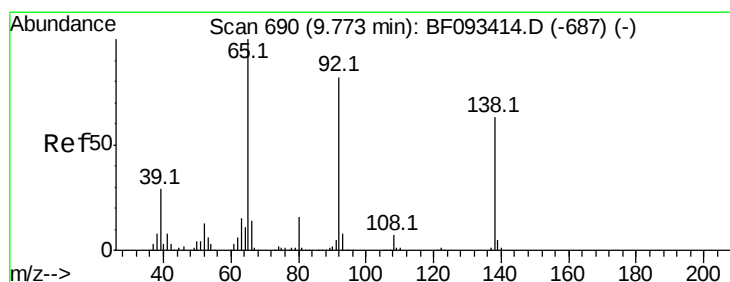
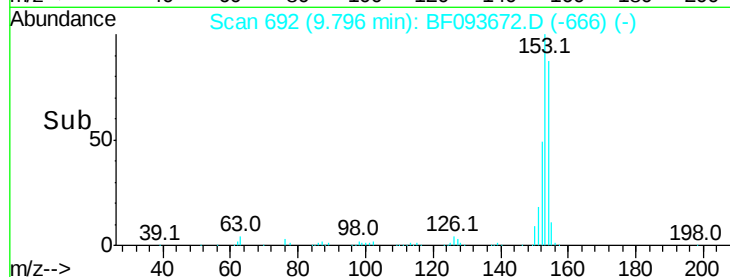
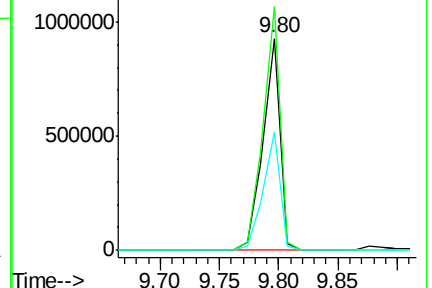
152 55.9 41.6 62.4



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: 33.36 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

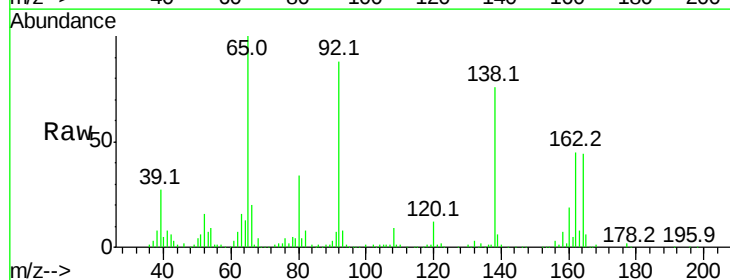
Tgt Ion:138 Resp: 190661

Ion Ratio Lower Upper

138 100

108 11.4 8.5 12.7

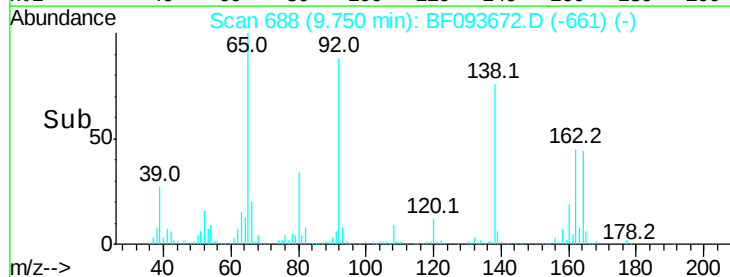
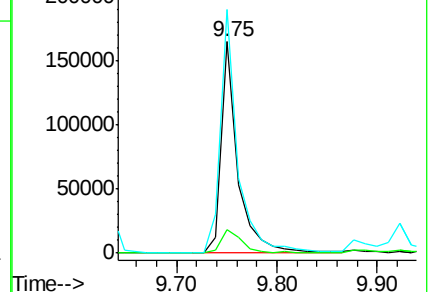
92 115.3 97.8 146.8

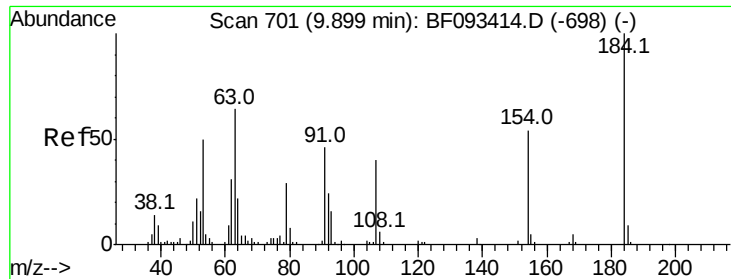


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

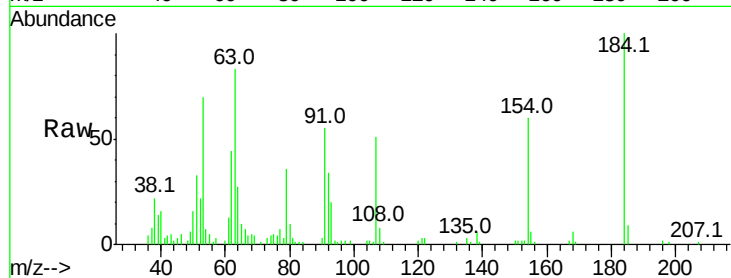




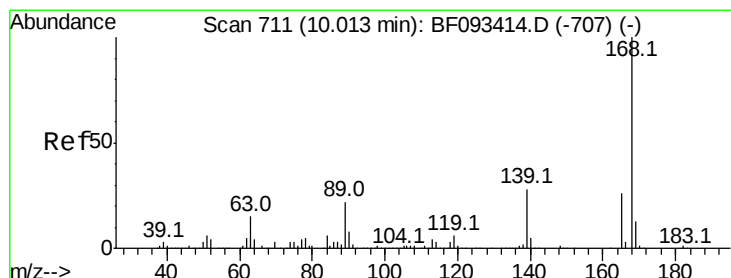
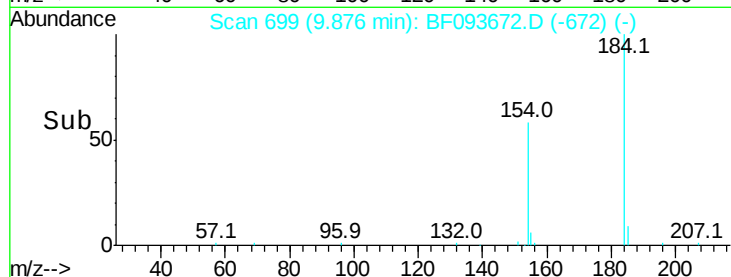
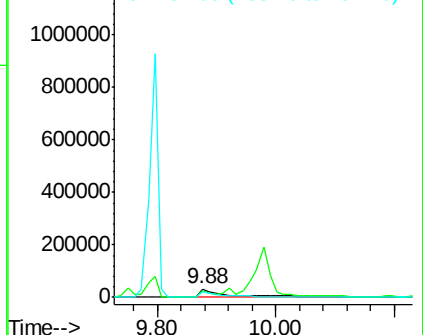
#53
 2,4-Dinitrophenol
 Concen: 50.52 ng
 RT: 9.88 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

Tot Ion:184 Resp: 109458
 Ion Ratio Lower Upper
 184 100
 63 82.7 28.4 42.6#
 154 60.3 44.3 66.5

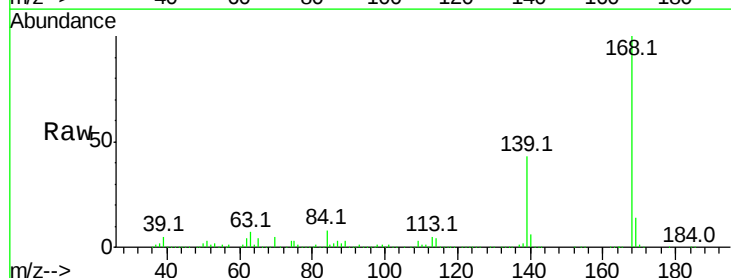


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

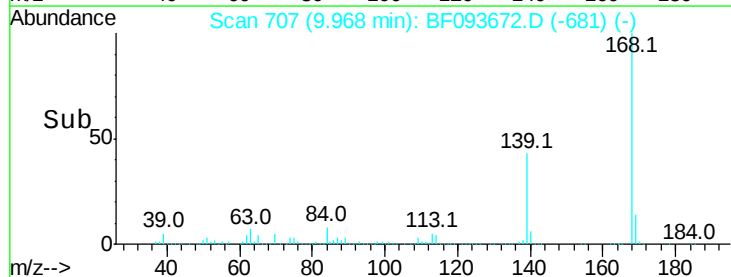
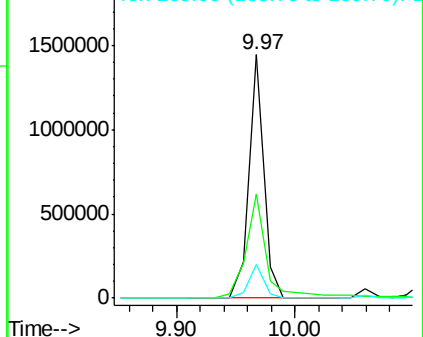


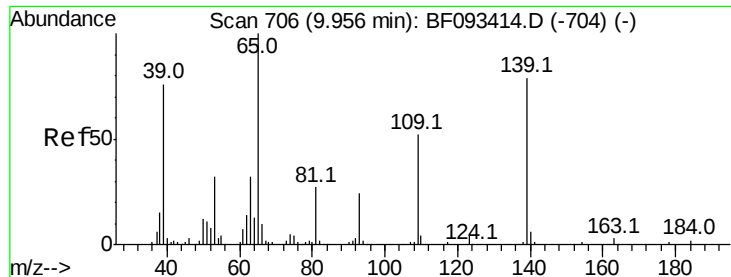
#54
 Dibenzofuran
 Concen: 57.20 ng
 RT: 9.97 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion:168 Resp: 1273293
 Ion Ratio Lower Upper
 168 100
 139 42.5 32.6 49.0
 169 13.9 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: 287.65 ng

RT: 9.97 min Scan# 707

Delta R.T. 0.03 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

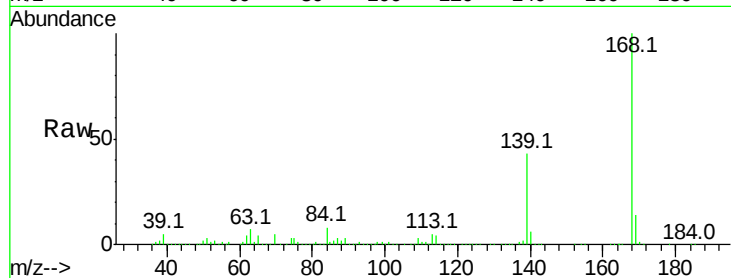
Tot Ion:139 Resp: 798612

Ion Ratio Lower Upper

139 100

109 6.6 52.2 92.2#

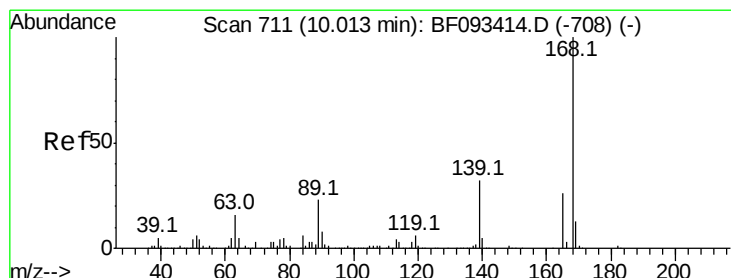
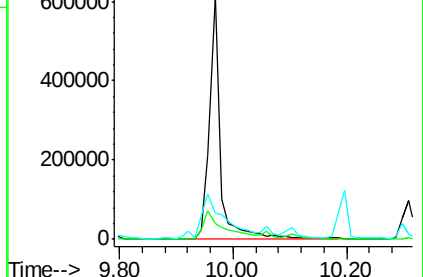
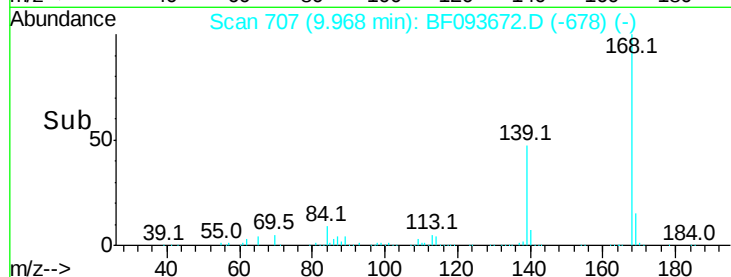
65 10.5 85.8 125.8#



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: 60.08 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Tgt Ion:165 Resp: 351195

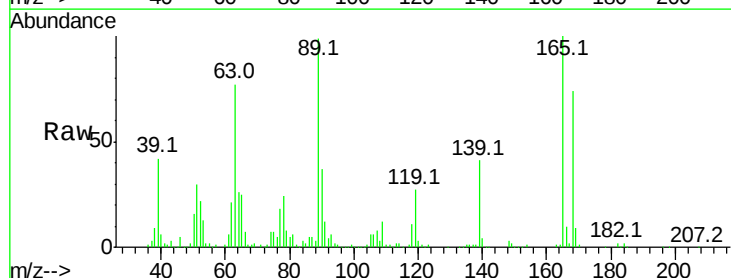
Ion Ratio Lower Upper

165 100

63 77.5 40.2 60.4#

89 99.4 62.5 93.7#

182 2.2 1.8 2.8

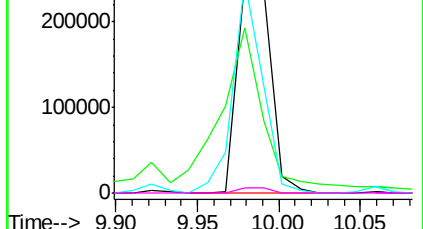
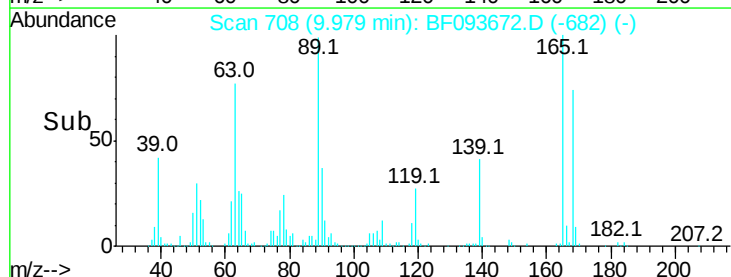


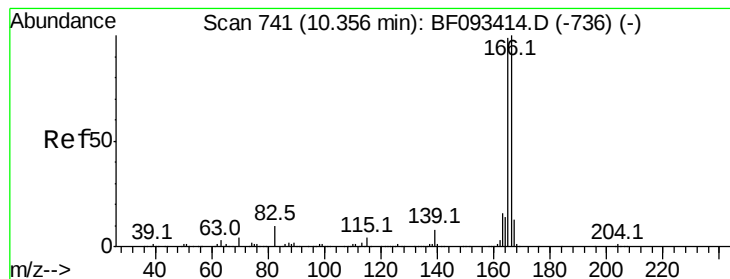
Abundance Ion 165.00 (164.70 to 165.70): E

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: 50.62 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

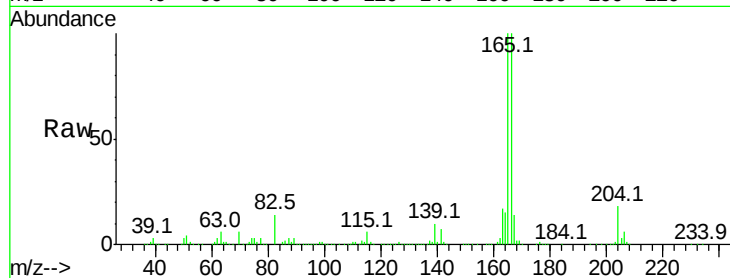
Tot Ion:166 Resp: 955003

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.8

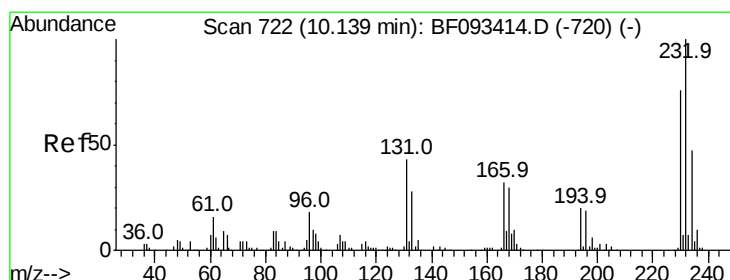
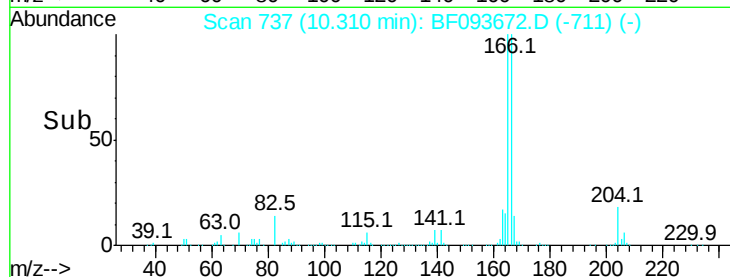
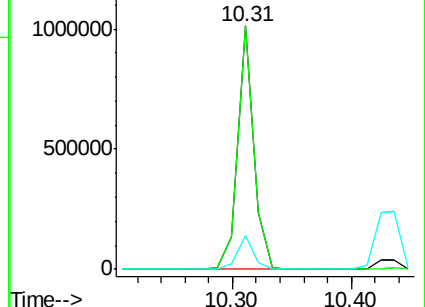
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 64.33 ng

RT: 10.10 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Tgt Ion:232 Resp: 271806

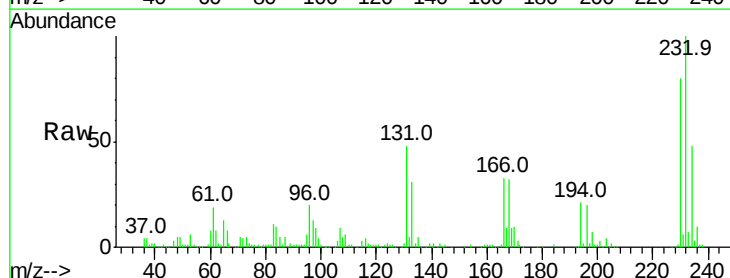
Ion Ratio Lower Upper

232 100

131 43.7 40.1 60.1

130 2.4 1.8 2.8

166 28.9 26.6 39.8

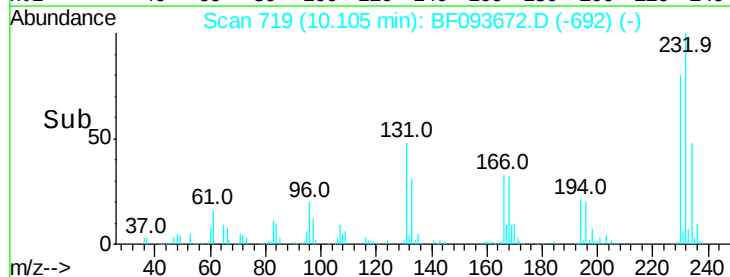
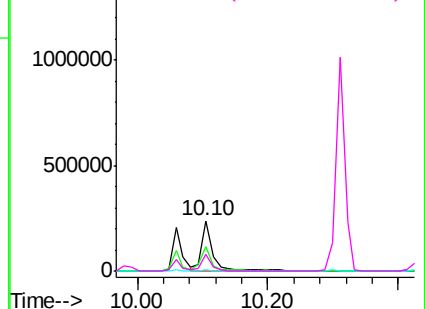


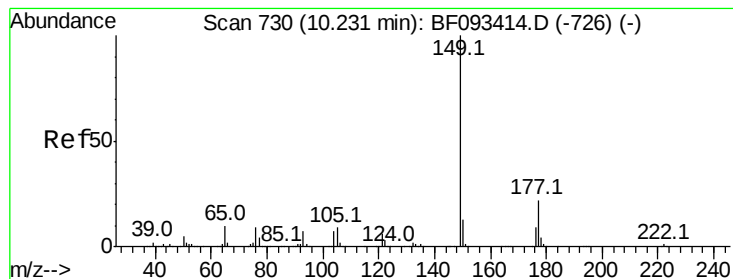
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 58.35 ng

RT: 10.20 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

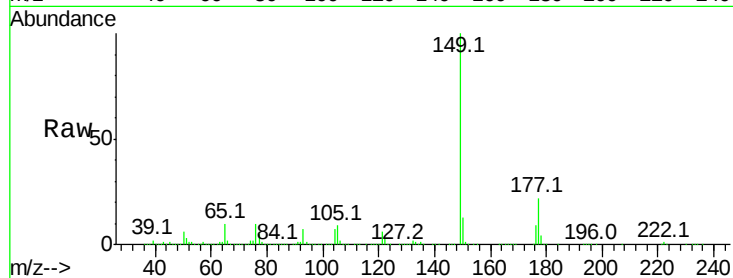
Tot Ion:149 Resp: 1209151

Ion Ratio Lower Upper

149 100

177 22.3 16.6 25.0

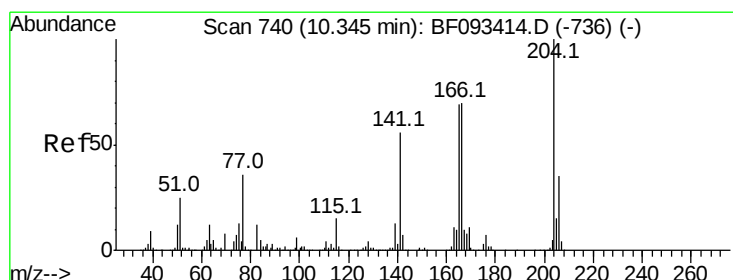
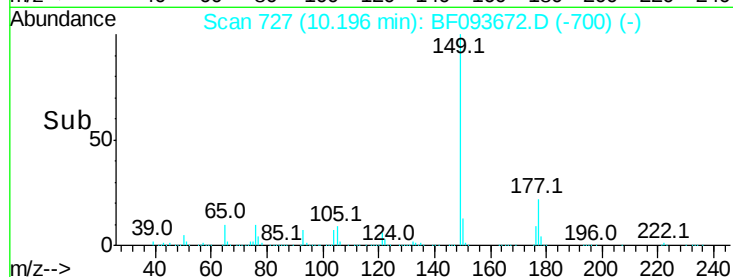
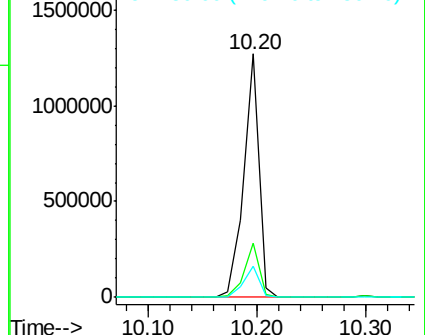
150 12.5 10.4 15.6



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: 51.57 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

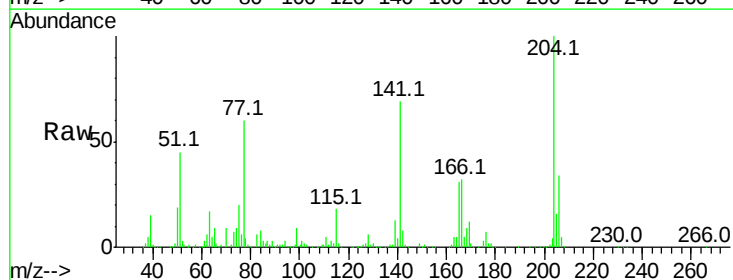
Tgt Ion:204 Resp: 436073

Ion Ratio Lower Upper

204 100

206 34.4 25.8 38.6

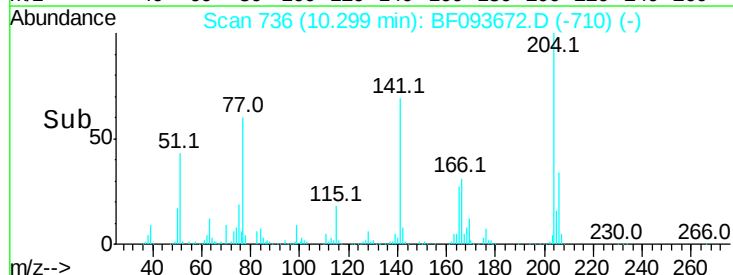
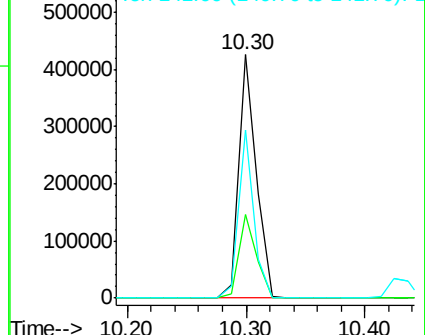
141 69.3 59.4 89.0

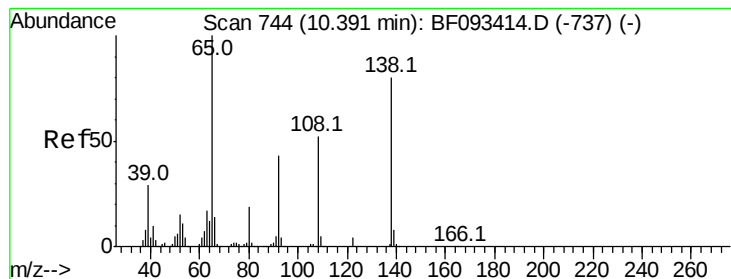


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.98 ng

RT: 10.37 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

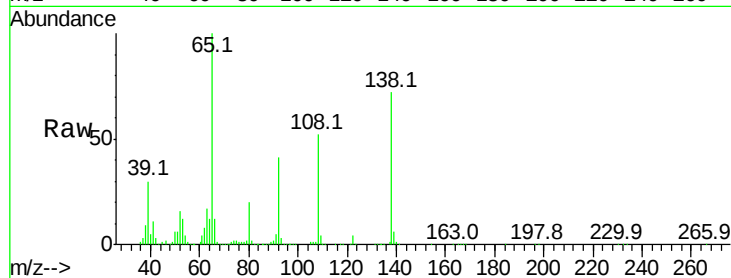
Tot Ion:138 Resp: 245415

Ion Ratio Lower Upper

138 100

92 57.2 31.7 71.7

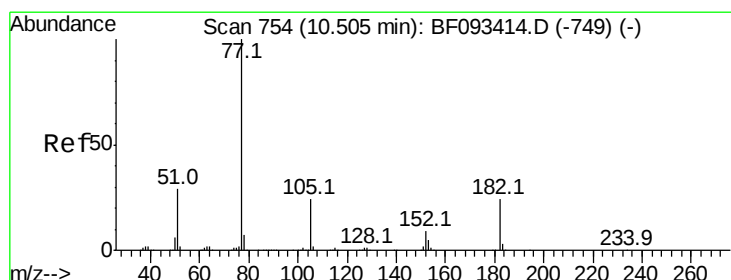
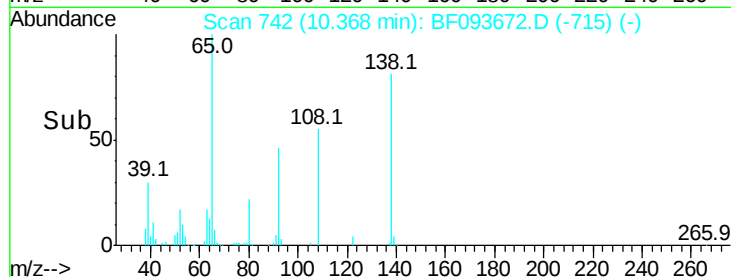
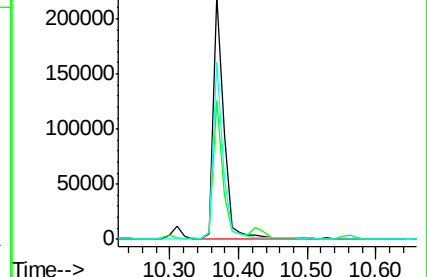
108 72.7 52.6 92.6



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: 57.41 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Tgt Ion: 77 Resp: 1351797

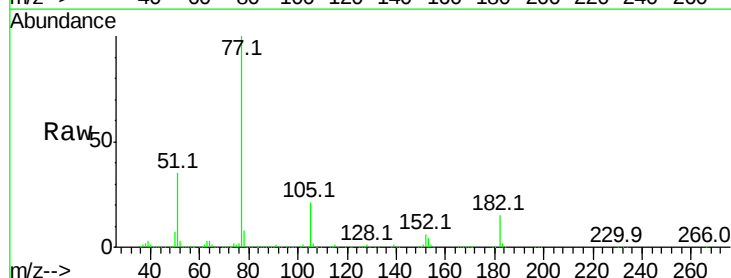
Ion Ratio Lower Upper

77 100

182 15.5 0.0 39.3

105 21.0 2.3 42.3

51 34.6 8.9 48.9

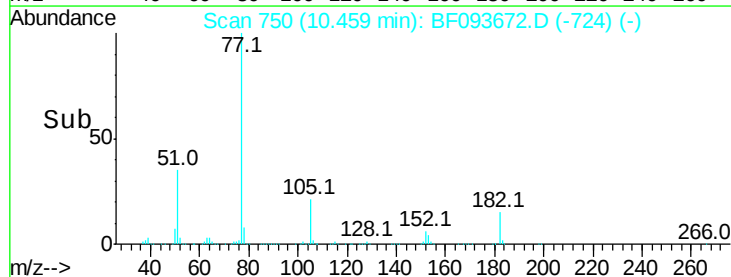
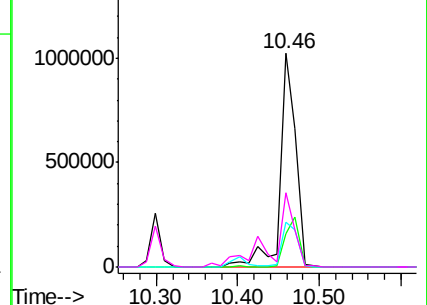


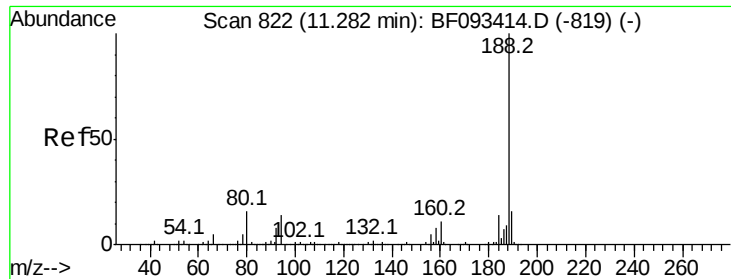
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

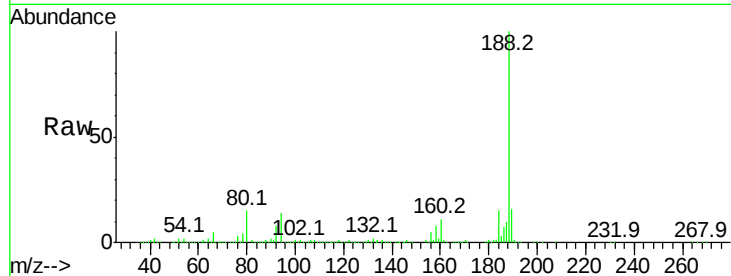
Tot Ion:188 Resp: 582795

Ion Ratio Lower Upper

188 100

94 13.6 10.0 15.0

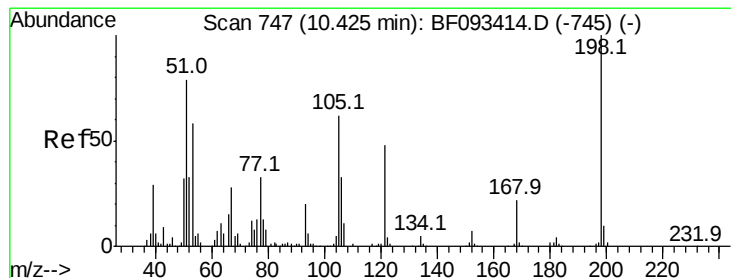
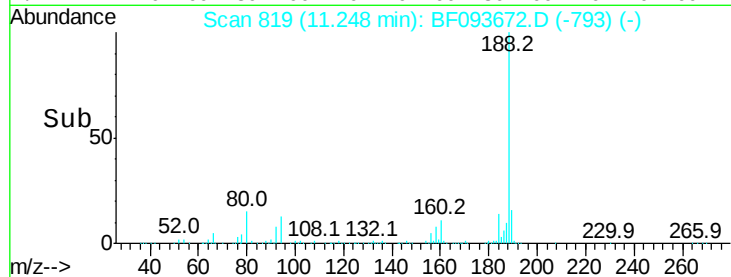
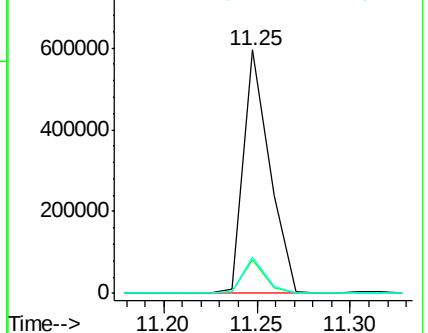
80 15.0 11.2 16.8



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: 40.25 ng

RT: 10.40 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

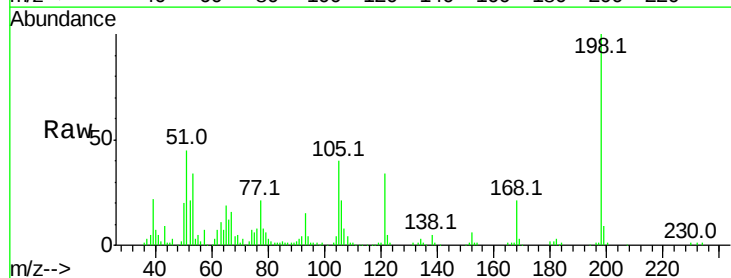
Tgt Ion:198 Resp: 151984

Ion Ratio Lower Upper

198 100

51 44.8 6.7 46.7

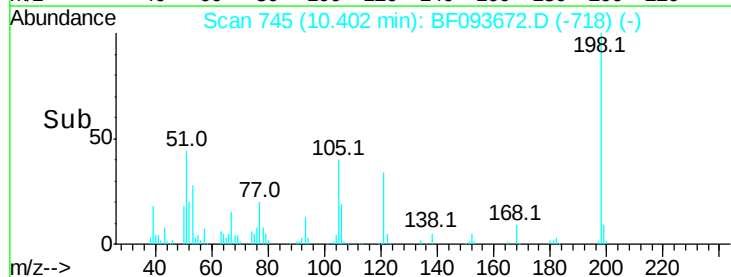
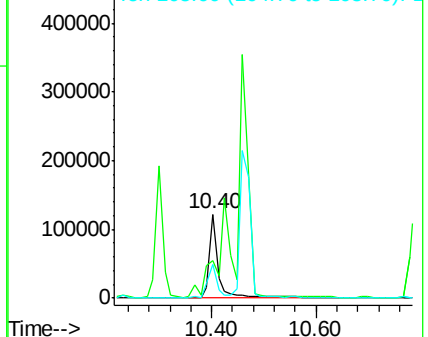
105 40.0 16.6 56.6

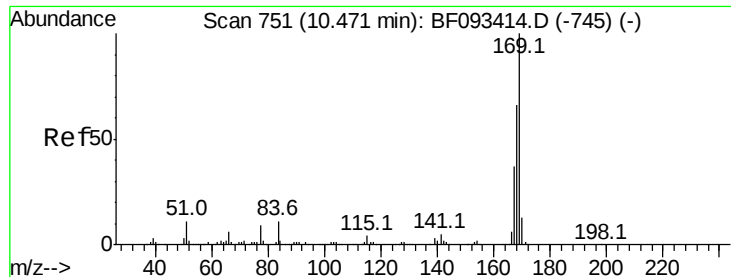


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.18 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

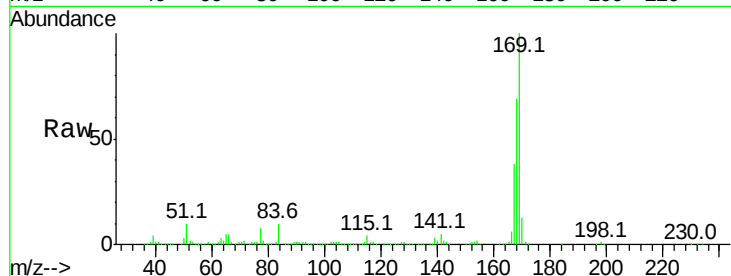
Tot Ion:169 Resp: 918092

Ion Ratio Lower Upper

169 100

168 68.9 54.2 81.2

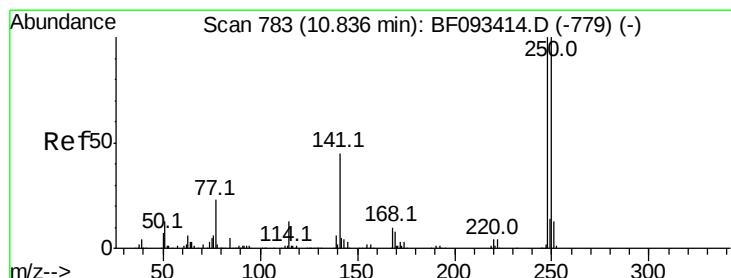
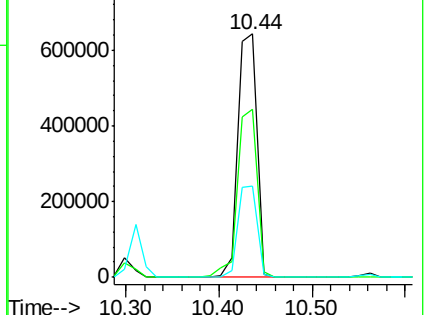
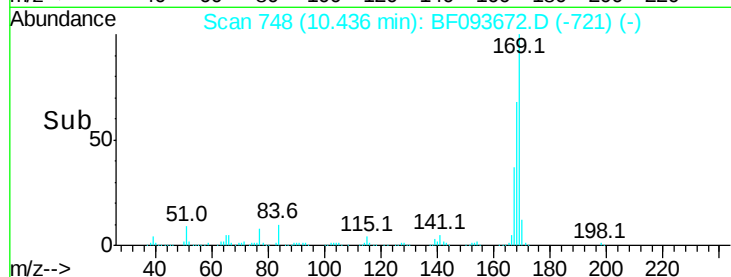
167 37.6 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.38 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

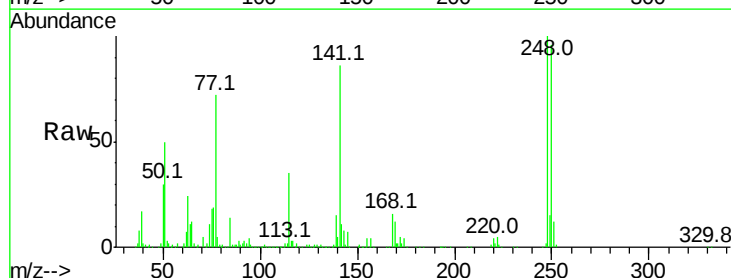
Tgt Ion:248 Resp: 273490

Ion Ratio Lower Upper

248 100

250 96.2 76.9 115.3

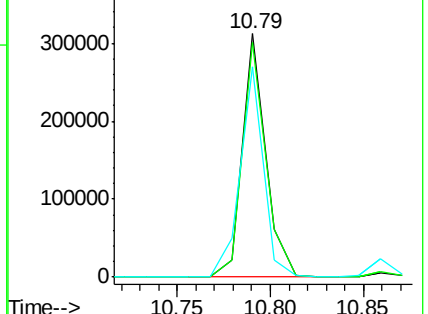
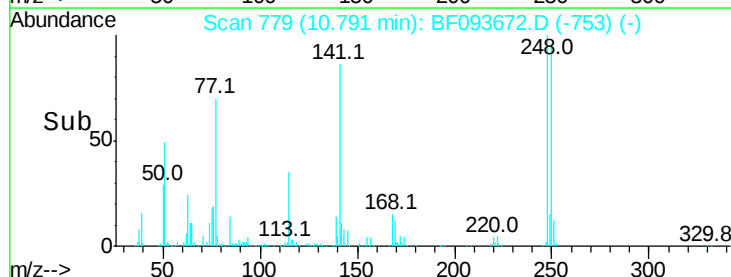
141 86.4 68.2 102.4

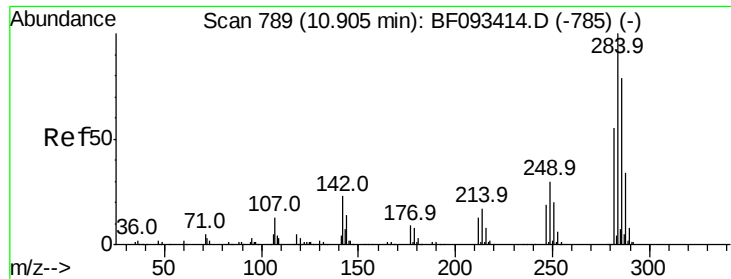


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

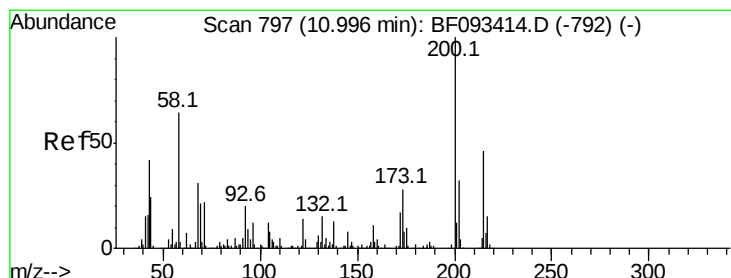
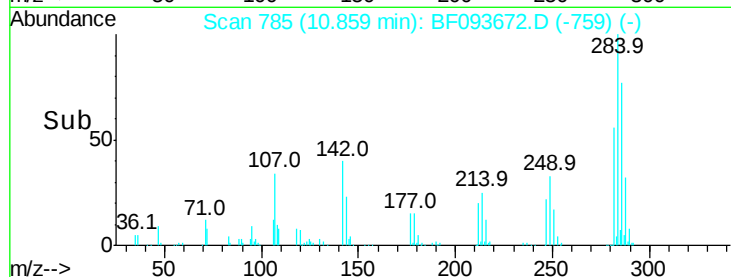
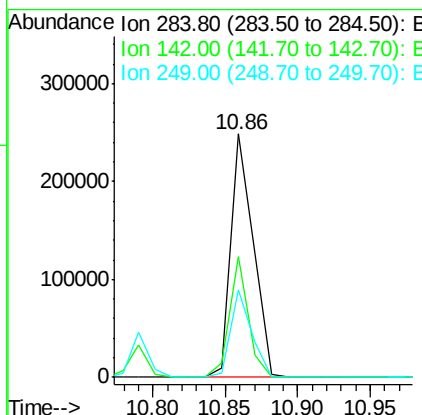
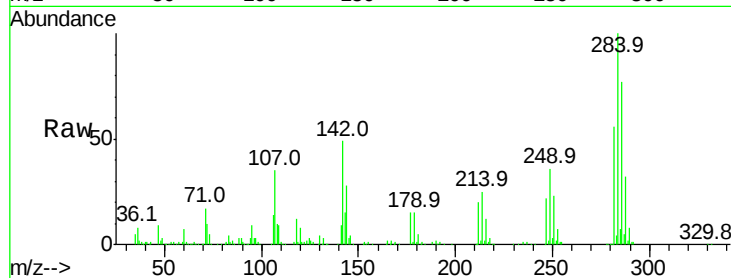




#67
Hexachlorobenzene
Concen: 45.26 ng
RT: 10.86 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

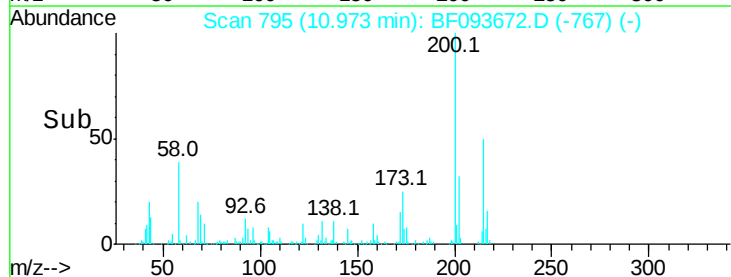
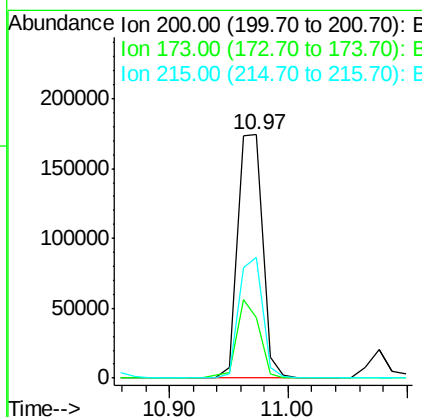
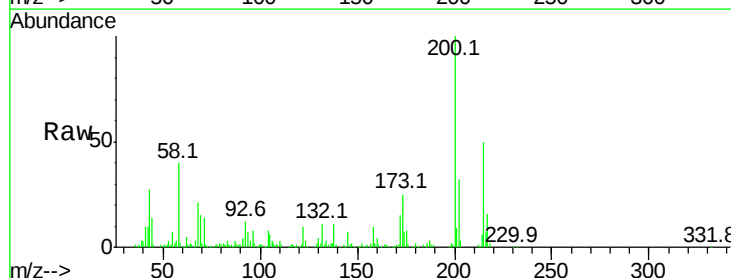
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

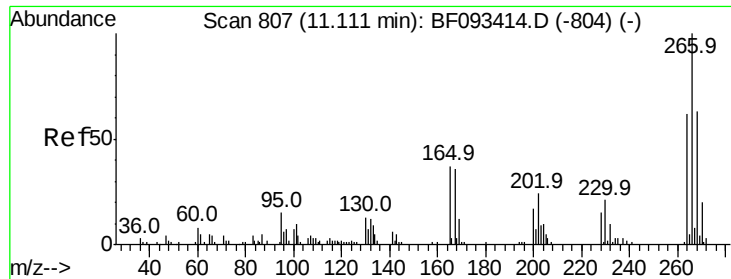
Tot Ion	Ratio	Lower	Upper
284	100		
142	49.4	22.6	33.8#
249	36.1	25.4	38.0



#68
Atrazine
Concen: 45.11 ng
RT: 10.97 min Scan# 795
Delta R.T. 0.02 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	9.6	49.6
215	49.7	25.7	65.7

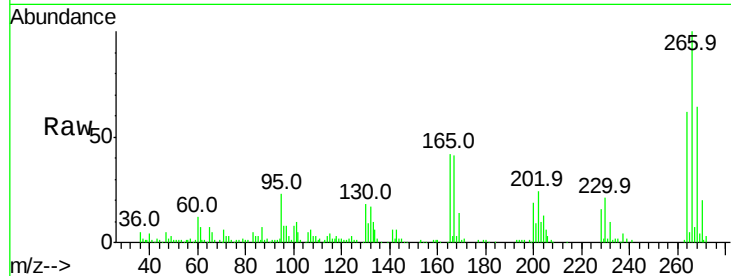




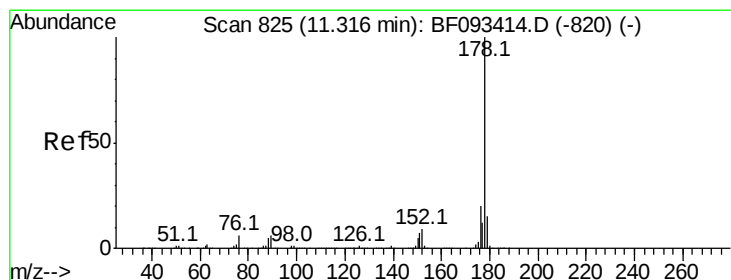
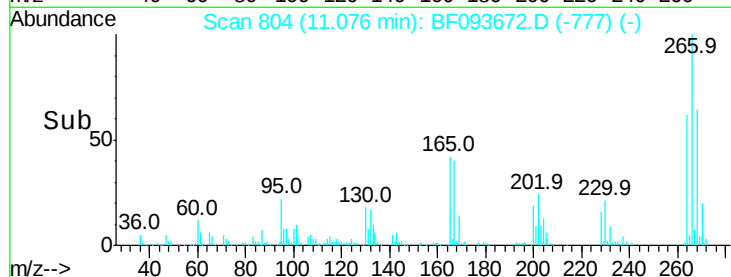
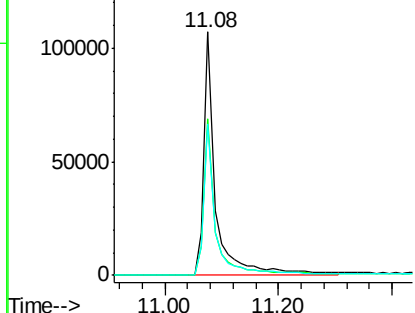
#69
 Pentachlorophenol
 Concen: 75.16 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	53.3	79.9
264	62.5	50.3	75.5

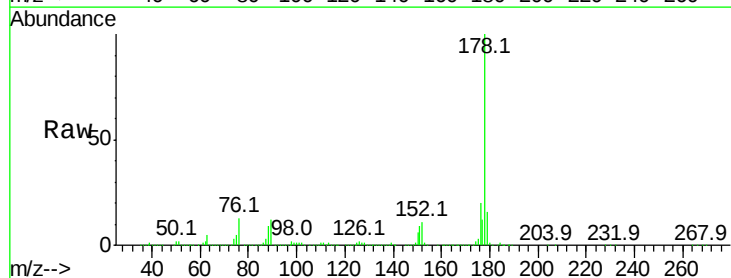


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

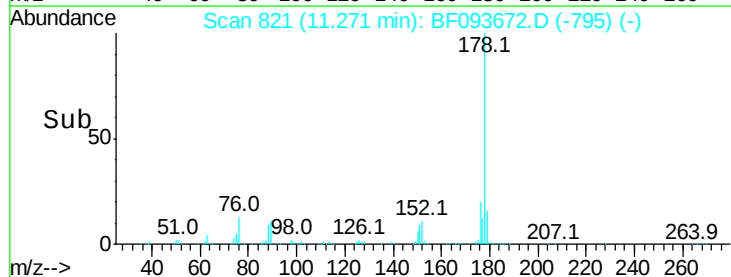
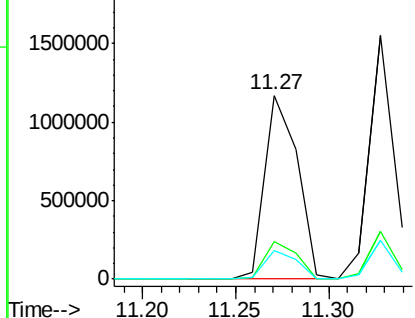


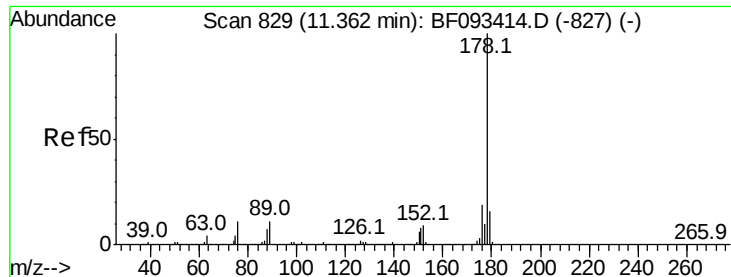
#70
 Phenanthrene
 Concen: 42.56 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	25.0
179	15.7	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: 42.79 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

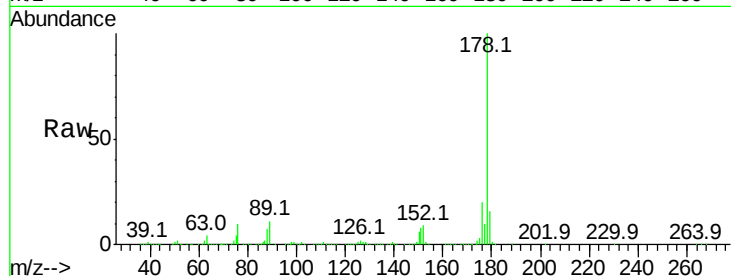
Tot Ion:178 Resp: 1439912

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

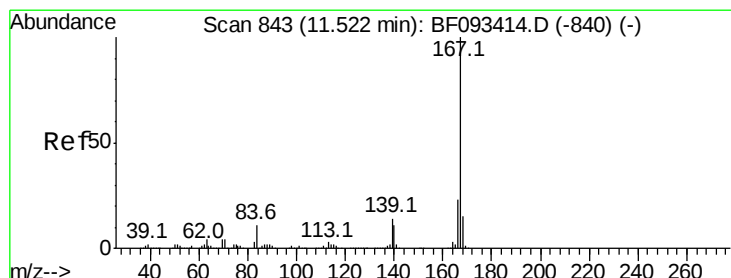
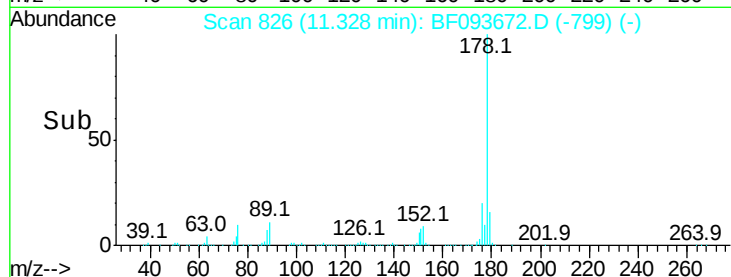
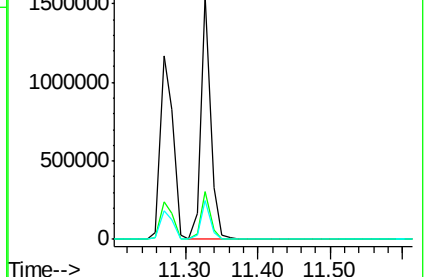
179 16.0 13.2 19.8



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: 45.07 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

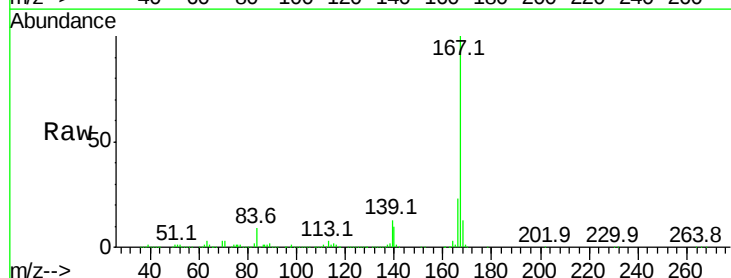
Tgt Ion:167 Resp: 1424745

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

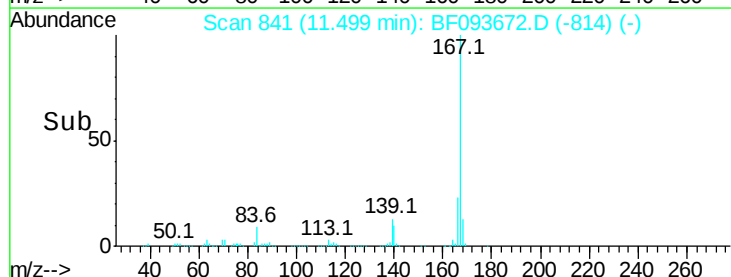
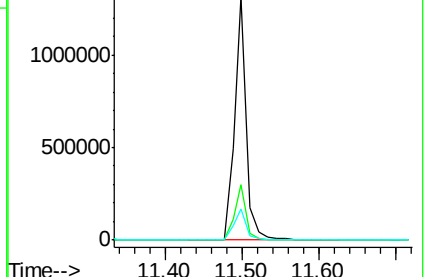
139 12.5 11.4 17.2

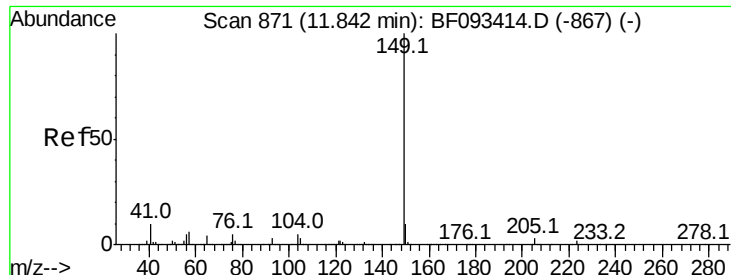


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.43 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

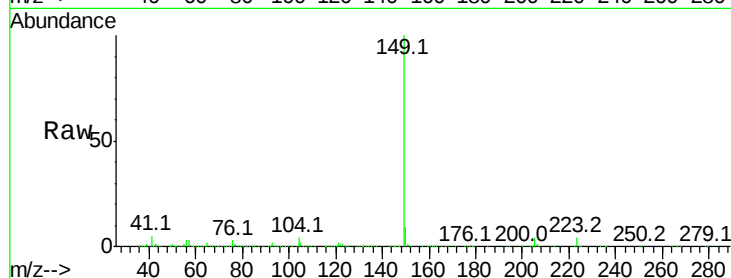
Tot Ion:149 Resp: 1698132

Ion Ratio Lower Upper

149 100

150 8.8 8.1 12.1

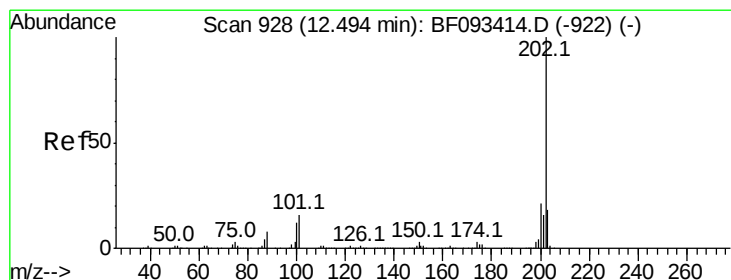
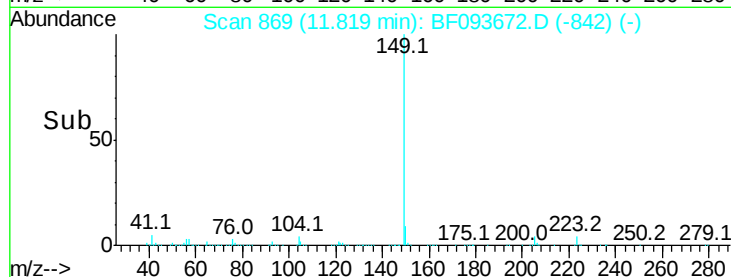
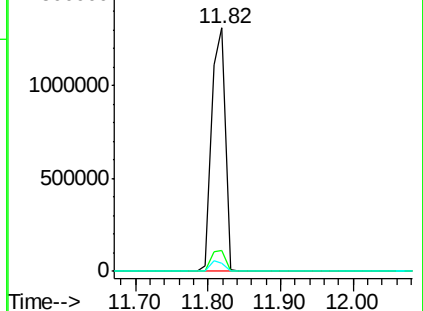
104 3.6 4.6 7.0#



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: 42.40 ng

RT: 12.47 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

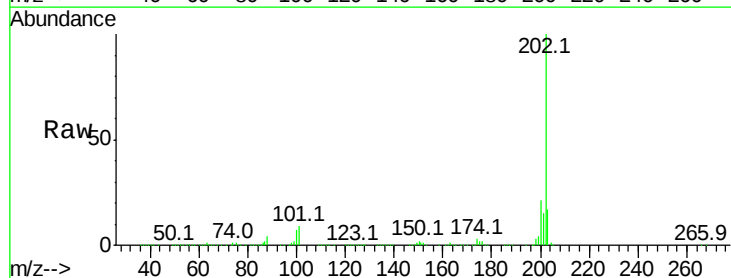
Tgt Ion:202 Resp: 1362316

Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.6

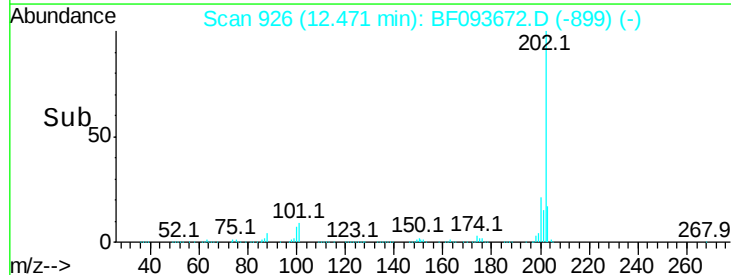
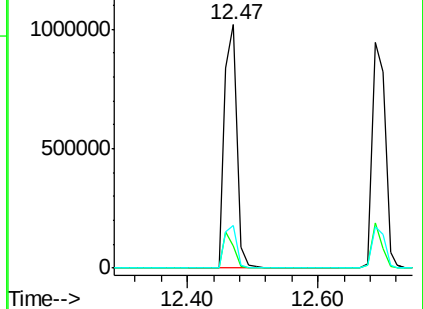
203 17.4 0.0 38.7

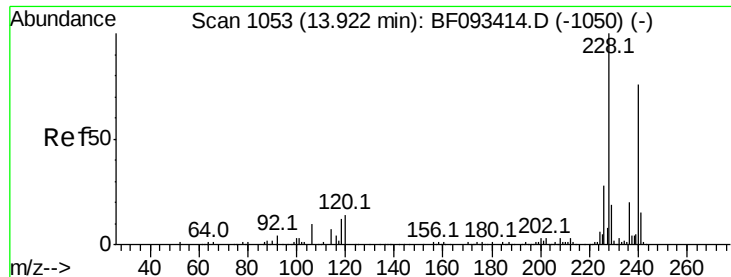


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

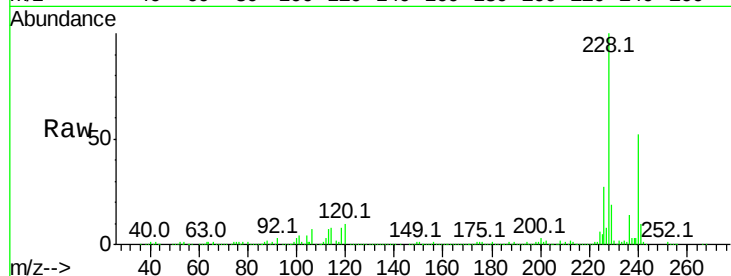
Tot Ion:240 Resp: 343928

Ion Ratio Lower Upper

240 100

120 19.0 12.9 19.3

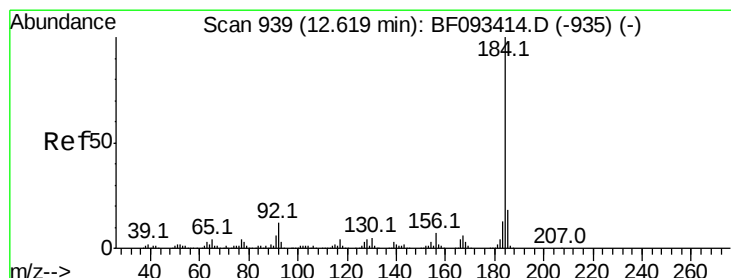
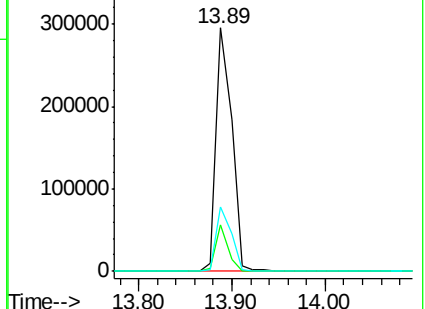
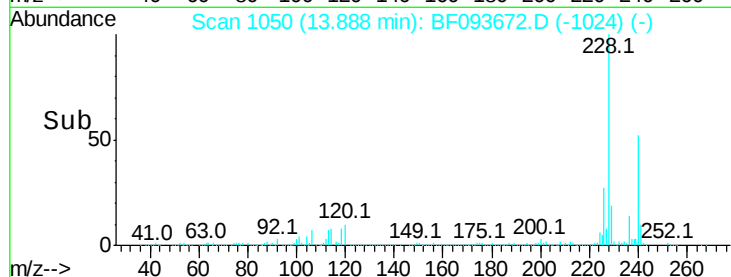
236 26.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.90 ng

RT: 12.61 min Scan# 938

Delta R.T. 0.02 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

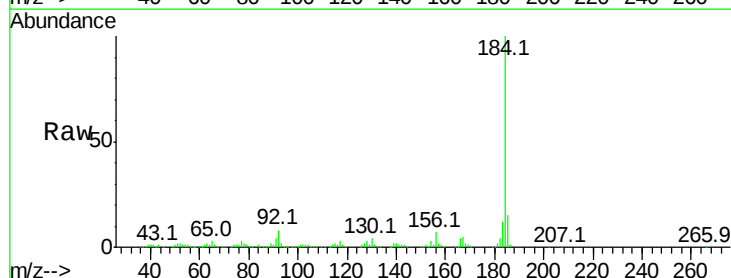
Tgt Ion:184 Resp: 507803

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

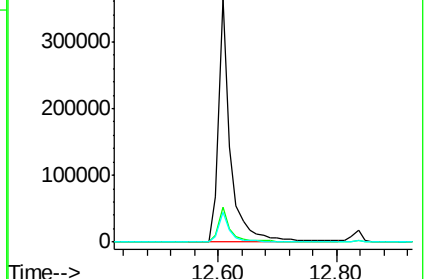
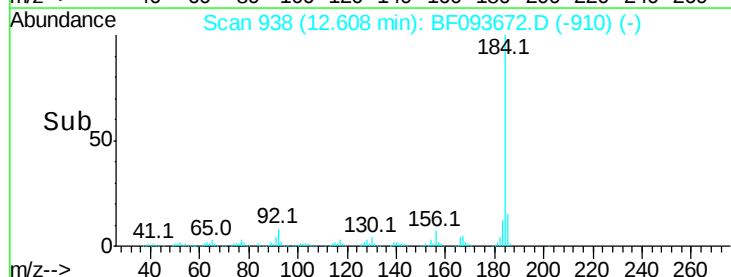
183 12.1 9.2 13.8

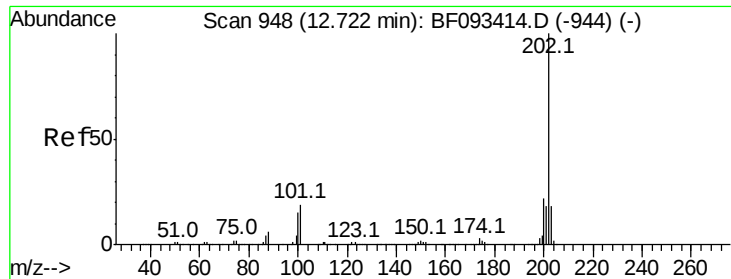


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.33 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

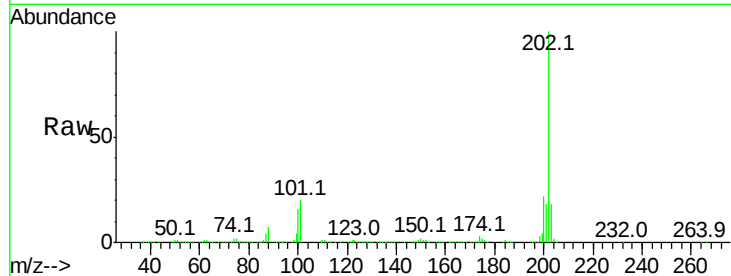
Tot Ion:202 Resp: 1283917

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

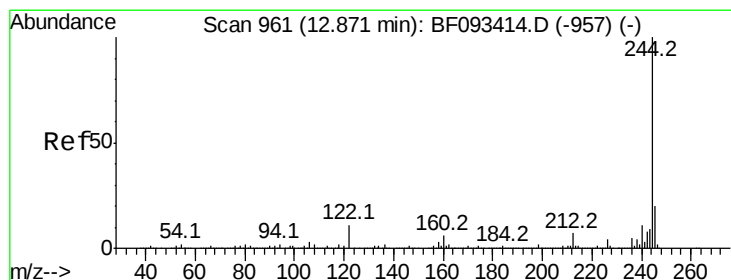
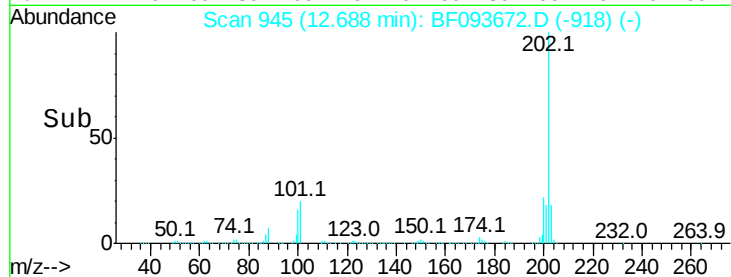
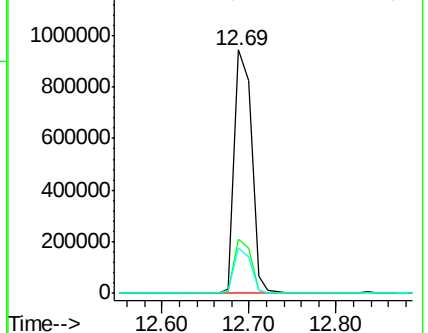
203 18.3 14.7 22.1



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: 100.26 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

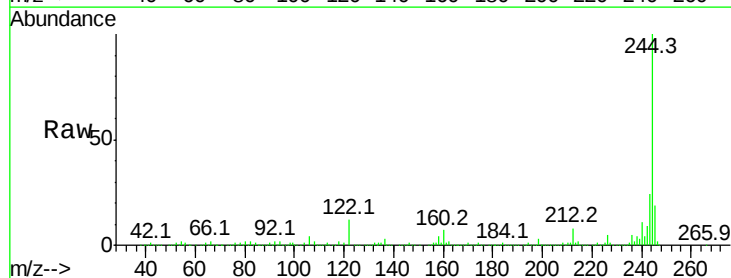
Tgt Ion:244 Resp: 1326310

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

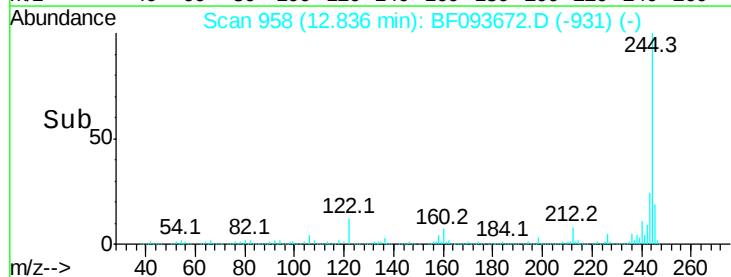
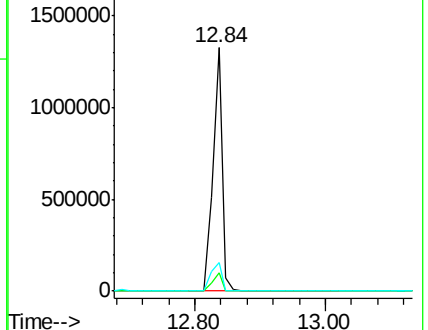
122 11.9 11.4 17.2

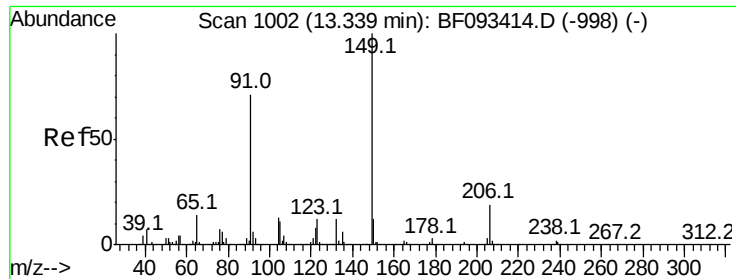


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

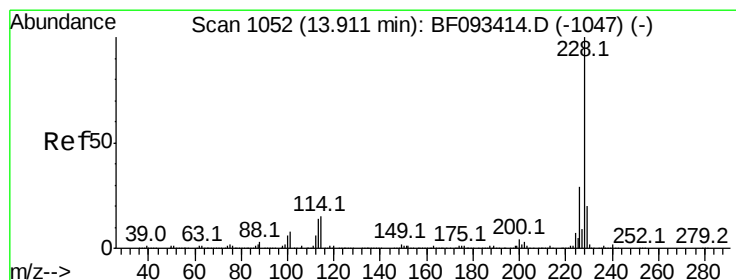
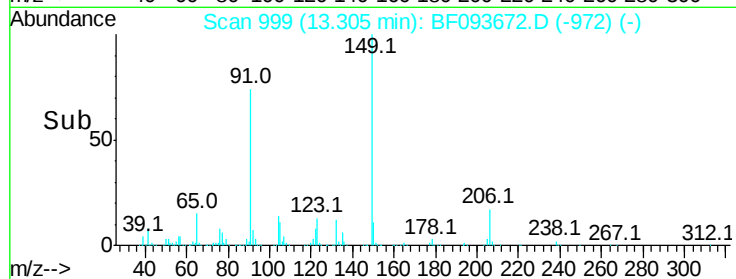
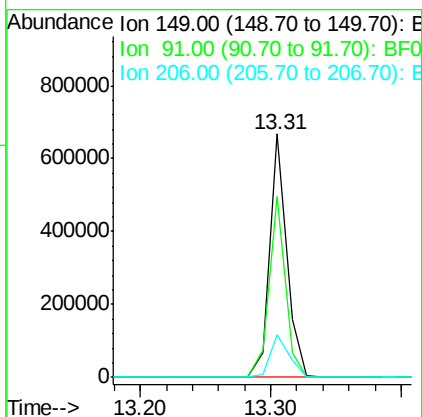
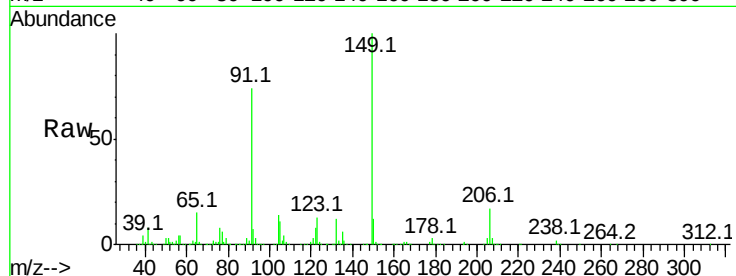




#79
Butylbenzylphthalate
Concen: 58.56 ng
RT: 13.31 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

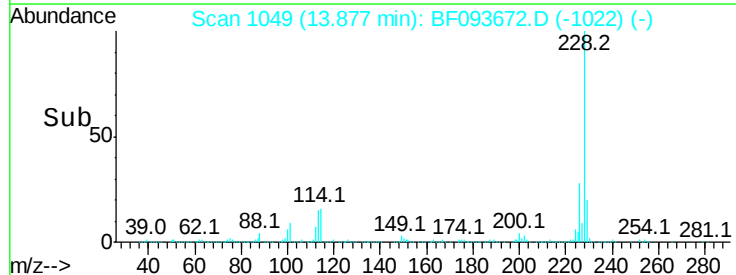
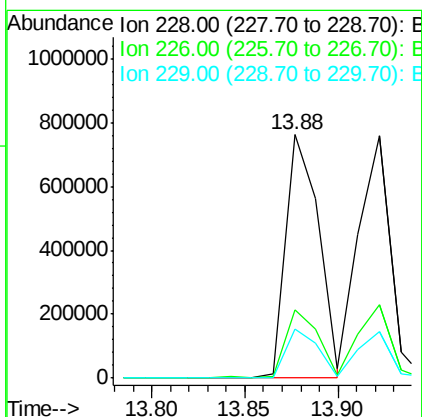
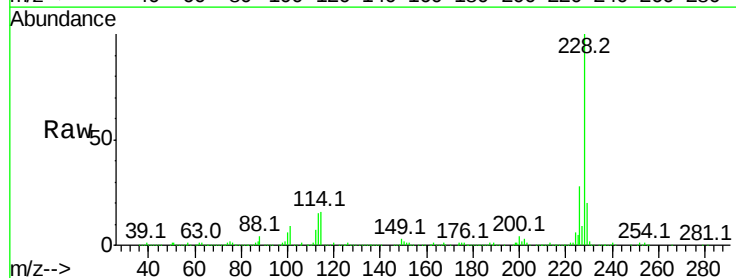
Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

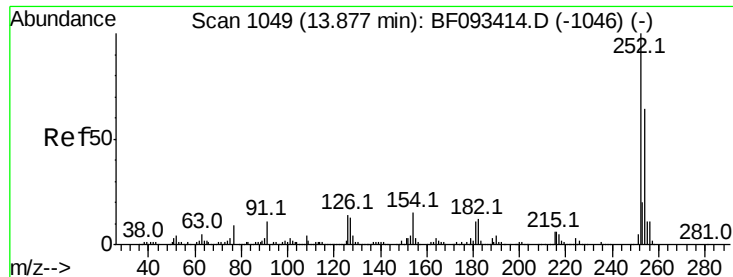
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.0	63.9	95.9
206	17.5	14.6	21.8



#80
Benzo(a)anthracene
Concen: 46.19 ng
RT: 13.88 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF093672.D
Acq: 15 Mar 2017 17:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	20.0	16.2	24.4

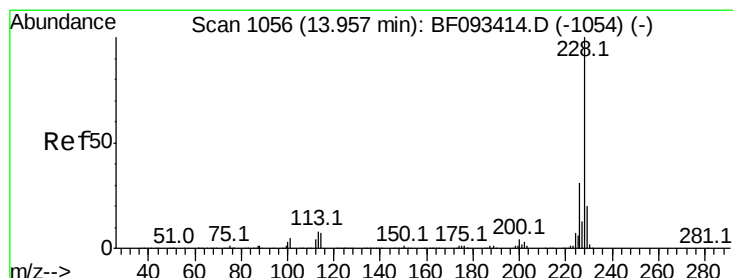
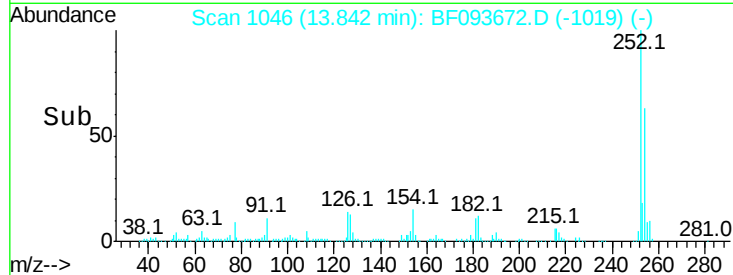
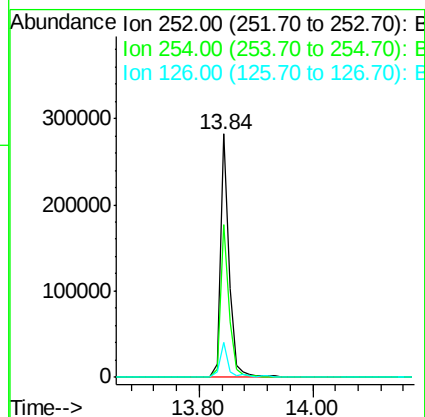
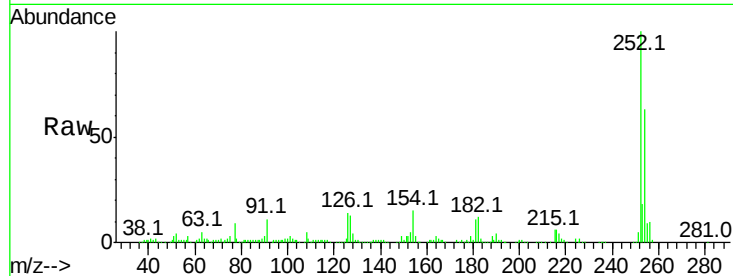




#81
 3,3'-Dichlorobenzidine
 Concen: 42.13 ng
 RT: 13.84 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

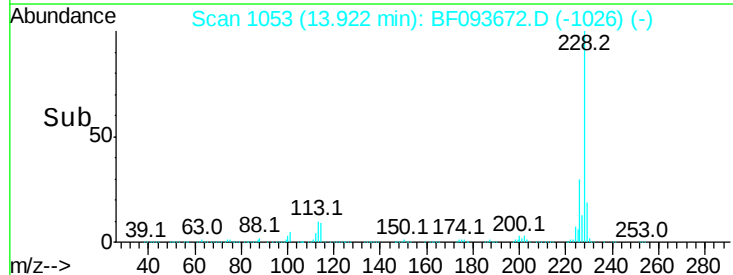
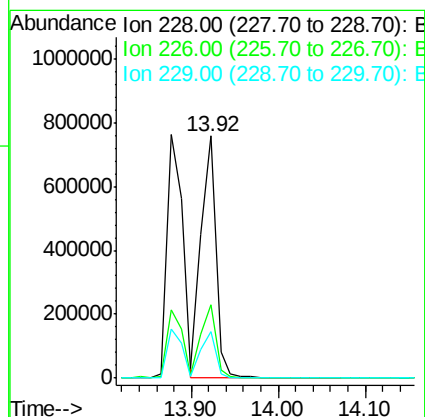
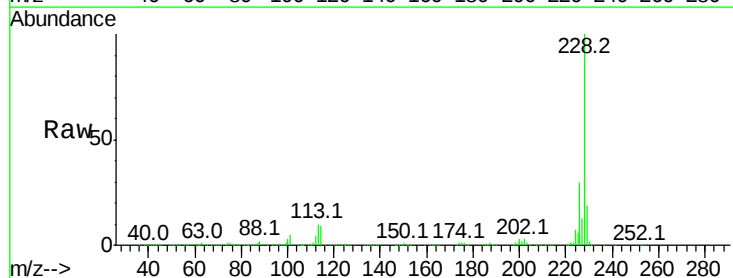
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

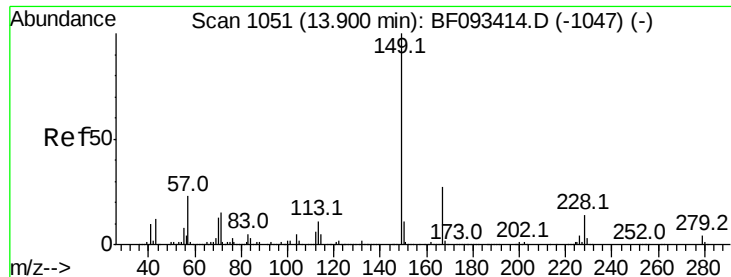
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.3	78.5
126	14.3	13.6	20.4



#82
 Chrysene
 Concen: 48.10 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.0
229	19.5	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 62.20 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

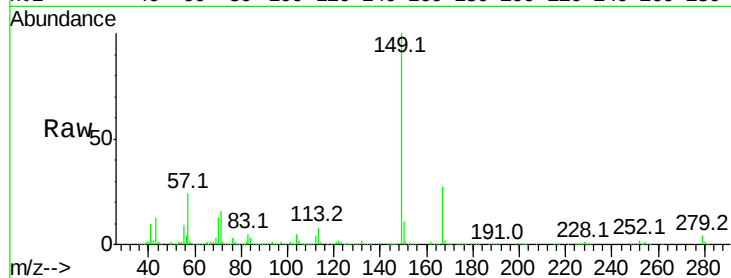
Tot Ion:149 Resp: 912920

Ion Ratio Lower Upper

149 100

167 27.4 20.2 30.4

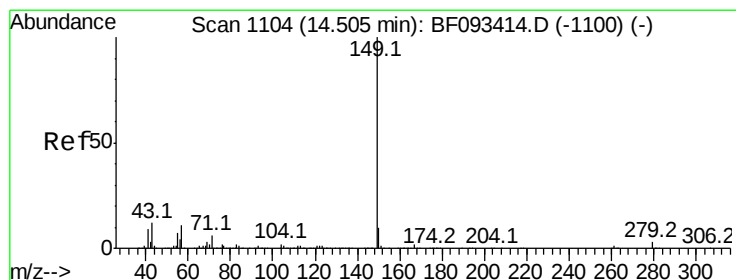
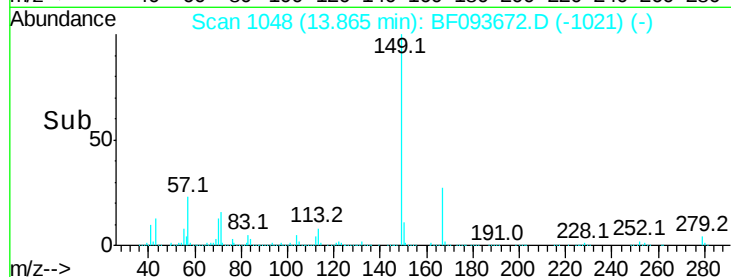
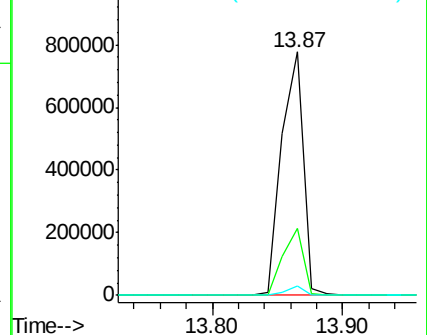
279 4.0 1.8 2.8#



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: 55.67 ng

RT: 14.47 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

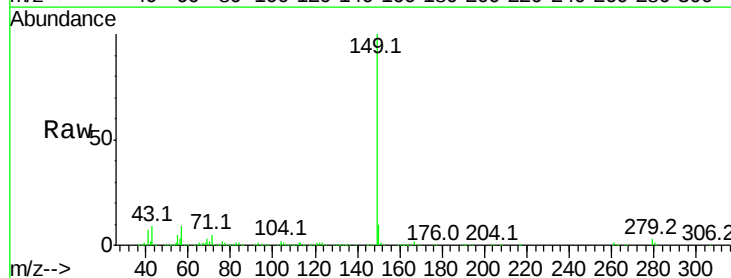
Tgt Ion:149 Resp: 1361782

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

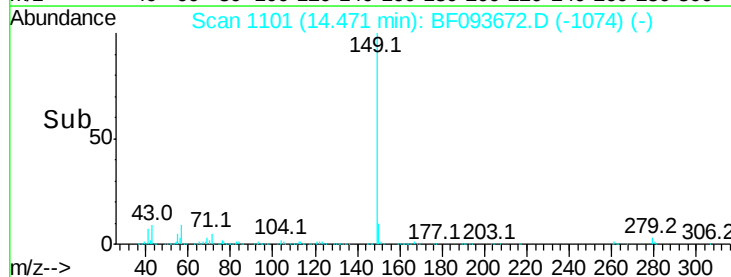
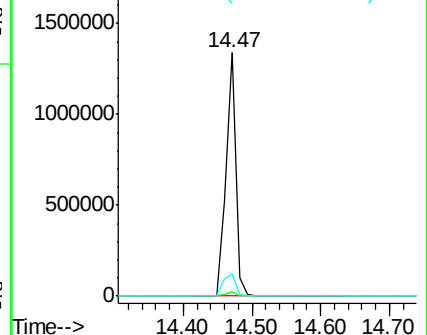
43 11.5 8.9 13.3

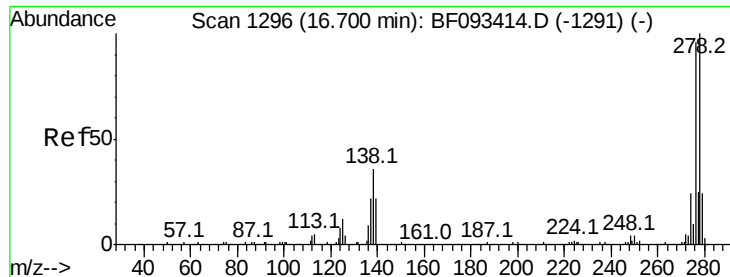


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

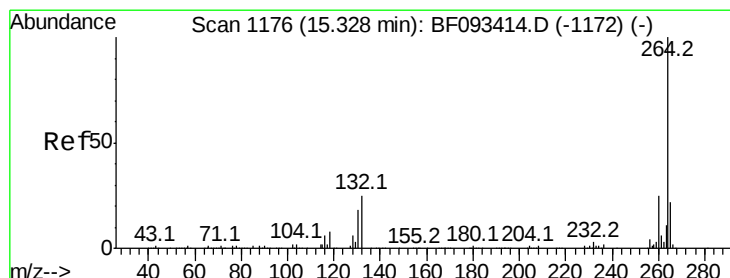
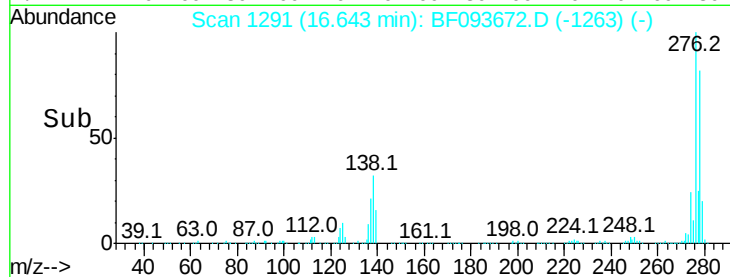
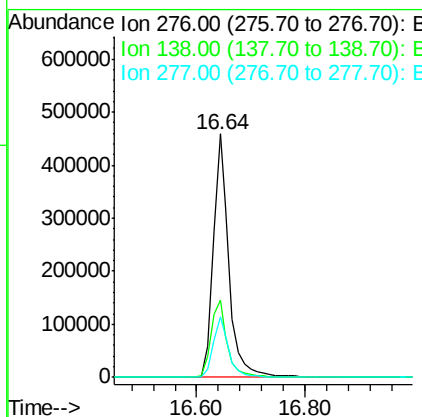
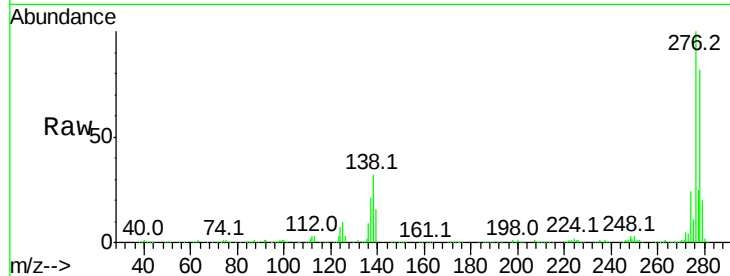




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.14 ng
 RT: 16.64 min Scan# 1291
 Delta R.T. 0.02 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

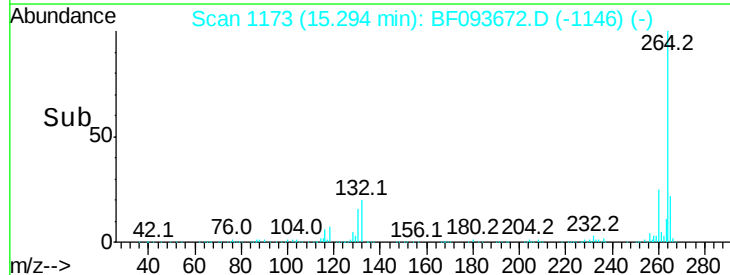
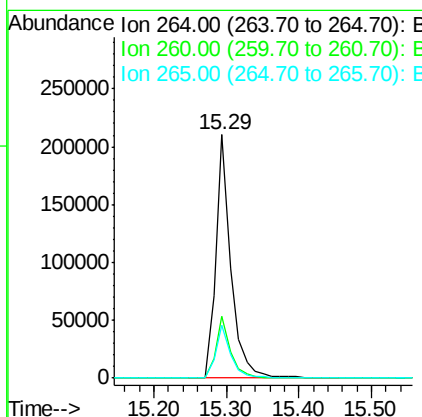
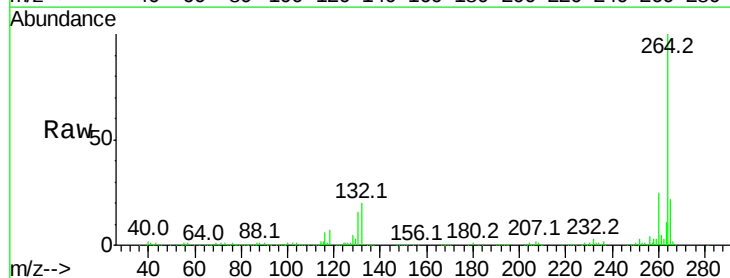
Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

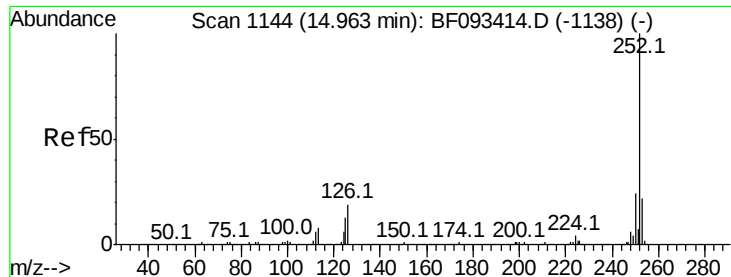
Tot Ion:276 Resp: 930182
 Ion Ratio Lower Upper
 276 100
 138 33.2 21.8 32.6#
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Tgt Ion:264 Resp: 302086
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 90.67 ng

RT: 14.93 min Scan# 1141

Delta R.T. 0.03 min

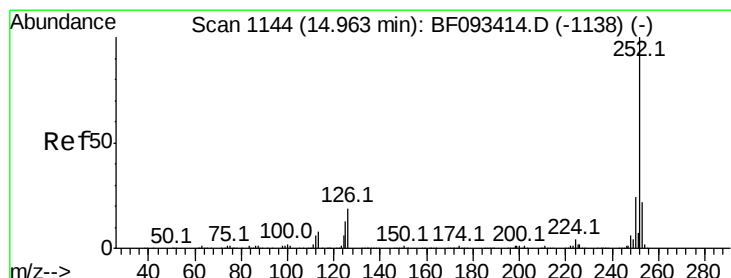
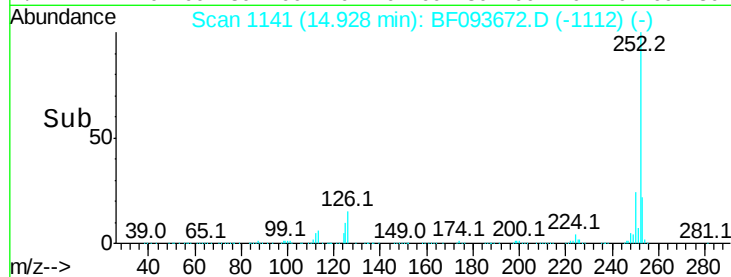
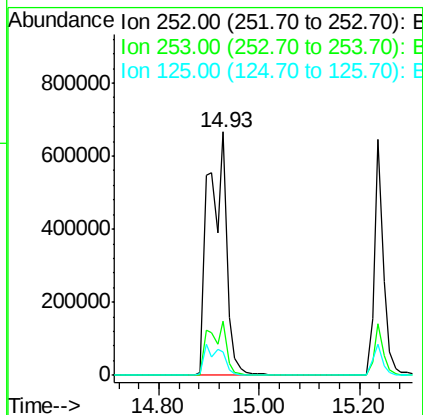
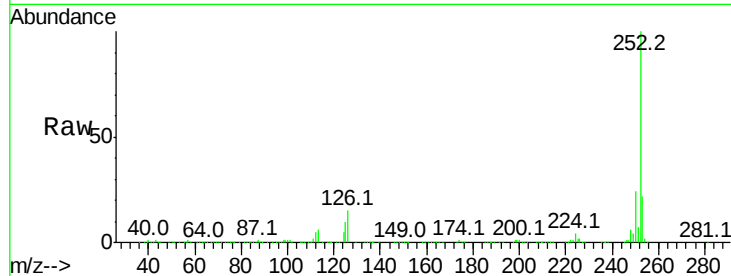
Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :
BNA_F
ClientSampleId :
E2-BB7-WSWMSD

Tot Ion:252 Resp: 1668161

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.5	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 94.05 ng

RT: 14.93 min Scan# 1141

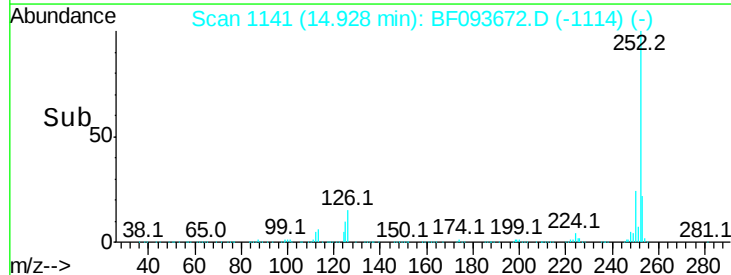
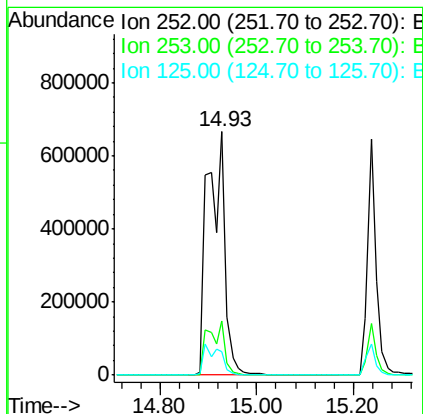
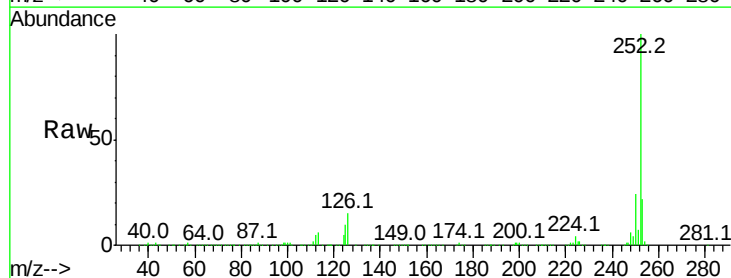
Delta R.T. 0.01 min

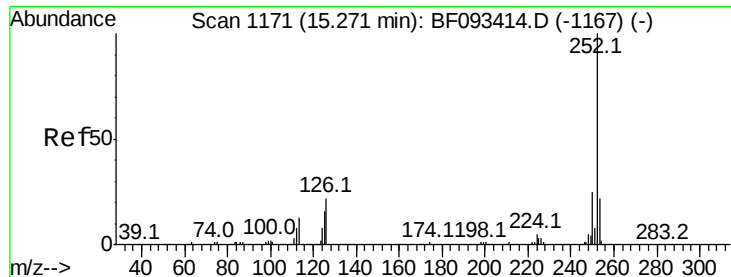
Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Tgt Ion:252 Resp: 1668664

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	9.5	8.9	13.3





#89

Benzo(a)pyrene

Concen: 47.26 ng

RT: 15.24 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

Instrument :

BNA_F

ClientSampleId :

E2-BB7-WSWMSD

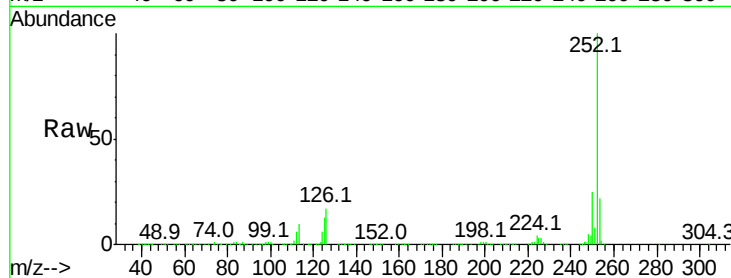
Tot Ion:252 Resp: 794620

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

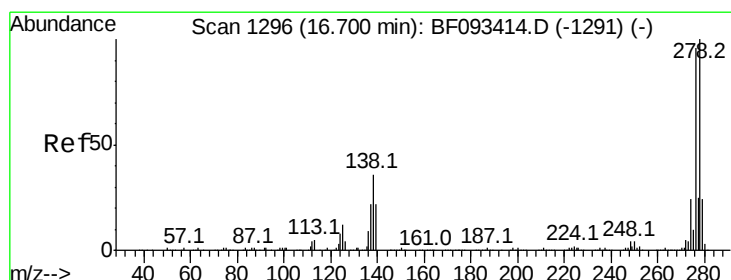
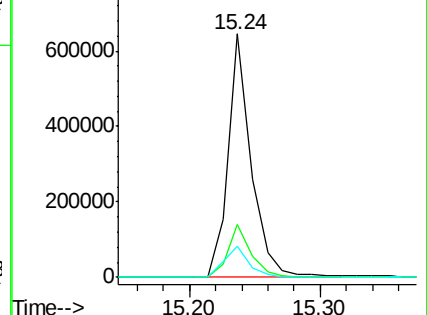
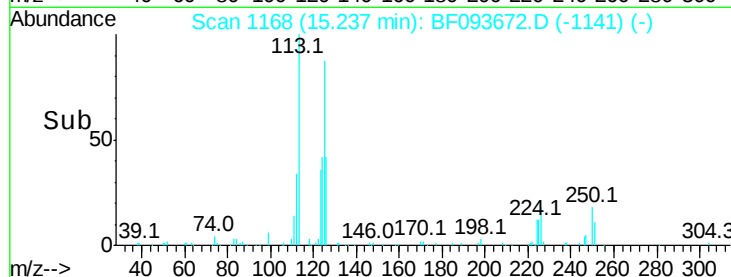
125 13.0 10.0 15.0



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: 56.70 ng

RT: 16.64 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BF093672.D

Acq: 15 Mar 2017 17:14

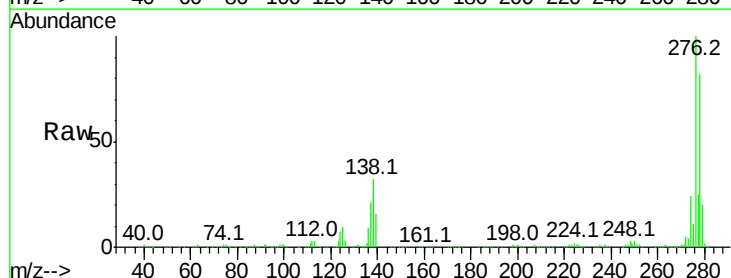
Tgt Ion:278 Resp: 788662

Ion Ratio Lower Upper

278 100

139 19.4 14.8 22.2

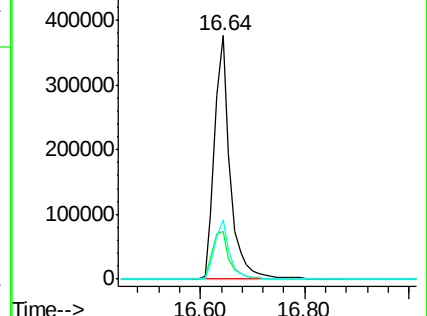
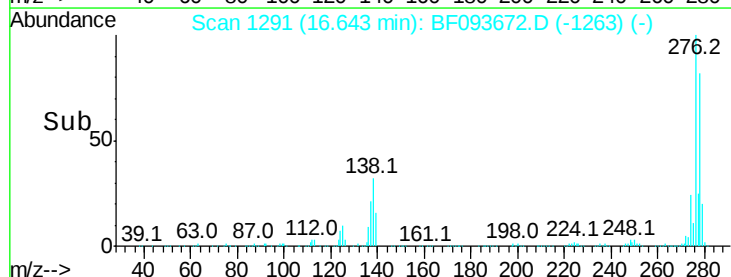
279 24.2 19.8 29.6

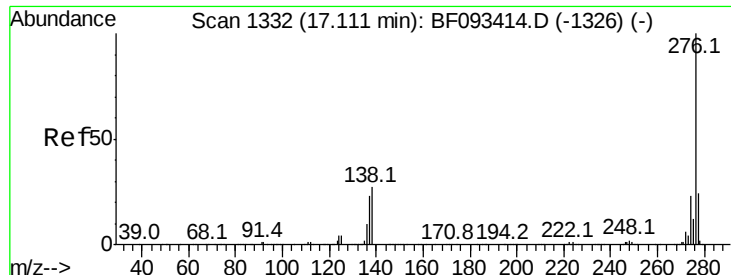


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 57.69 ng
 RT: 17.04 min Scan# 1326
 Delta R.T. 0.02 min
 Lab File: BF093672.D
 Acq: 15 Mar 2017 17:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-WSWMSD

Tot Ion:	276	Resp:	823630
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	30.0	16.0	24.0

