

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111637.D
 Acq On : 20 Dec 2018 14:12
 Operator : JU/SJ
 Sample : J6481-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-PROP-2

Quant Time: Dec 21 06:17:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	176653	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	656052	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	324504	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	536719	20.00	ng	0.00
76) Chrysene-d12	14.04	240	419902	20.00	ng	0.00
87) Perylene-d12	15.52	264	423009	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1009543	97.41	ng	0.00
7) Phenol-d6	6.52	99	1296198	98.28	ng	0.00
23) Nitrobenzene-d5	7.45	82	811342	71.99	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	349020	91.03	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1435133	64.46	ng	0.00
79) Terphenyl-d14	12.99	244	1045613	47.22	ng	0.00

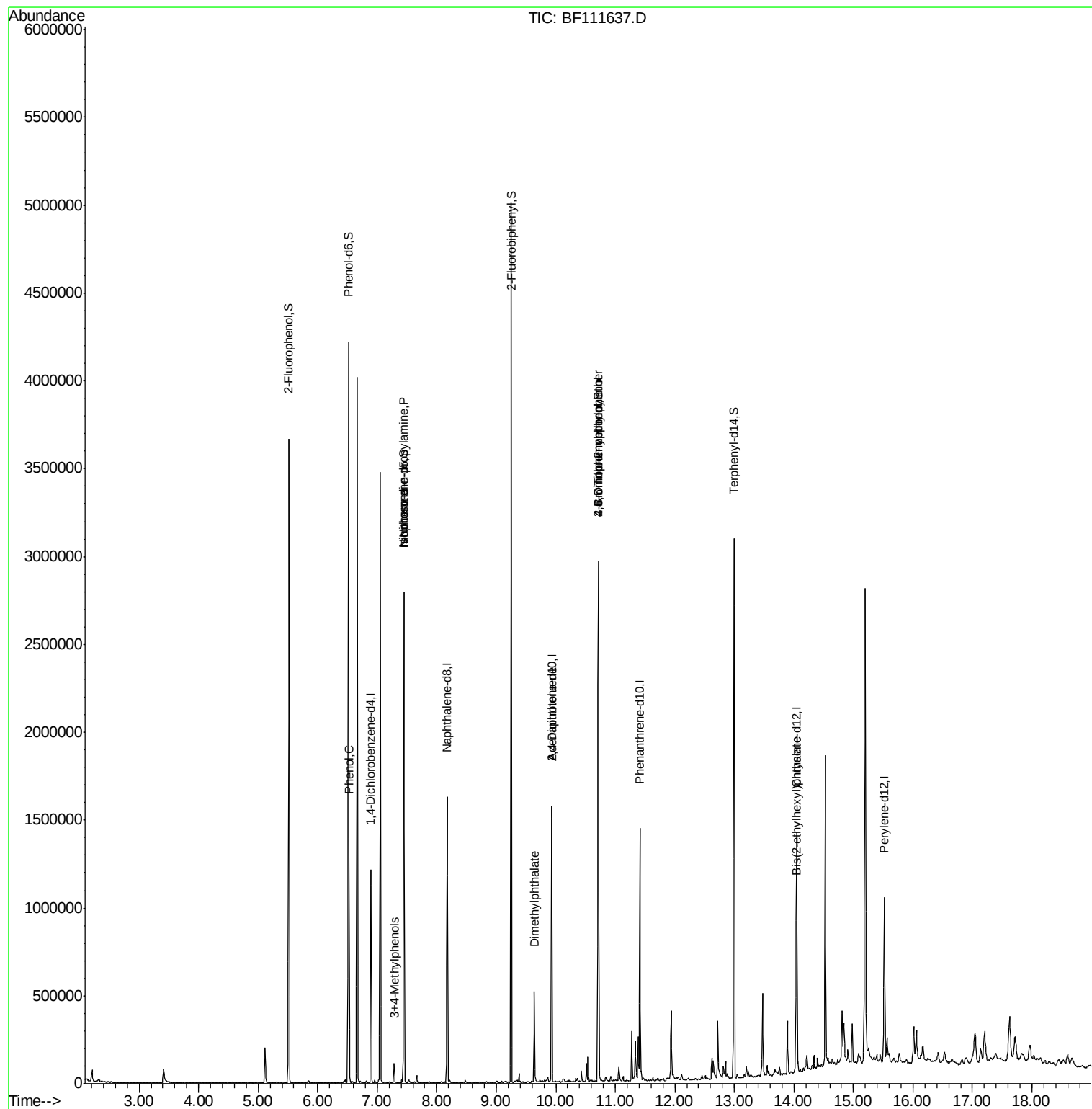
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	73008	4.906	ng	93
19) n-Nitroso-di-n-propylamine	7.45	70	110293	12.592	ng	# 78
20) 3+4-Methylphenols	7.29	107	24052	2.071	ng	# 55
25) Isophorone	7.45	82	805741	40.269	ng	# 64
50) Dimethylphthalate	9.64	163	174018	7.333	ng	97
57) 2,4-Dinitrotoluene	9.93	165	40823	7.178	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	620	6.933	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	21515	3.232	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.03	149	56234	3.694	ng	# 94

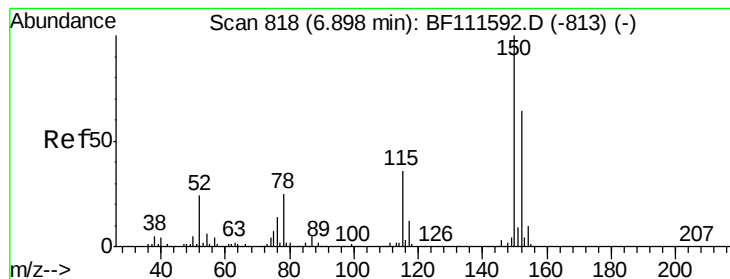
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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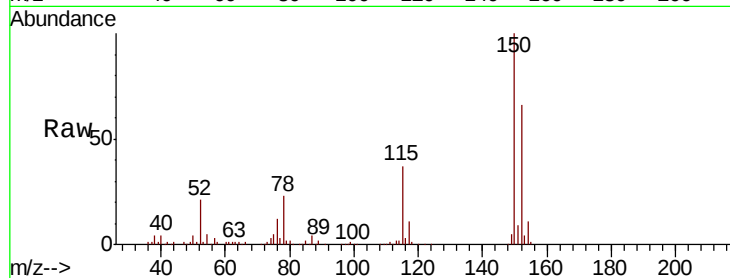


#1

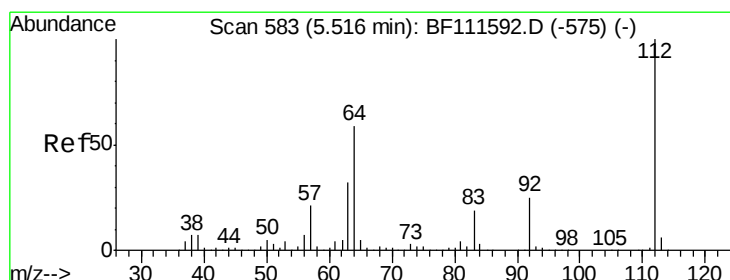
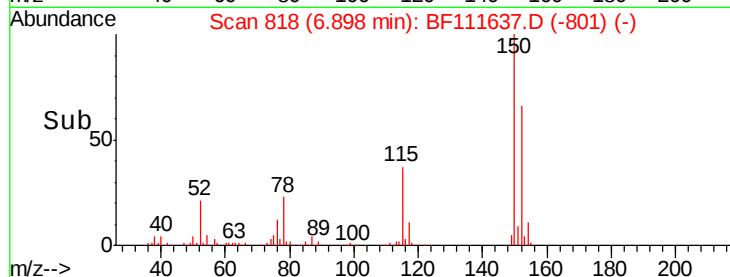
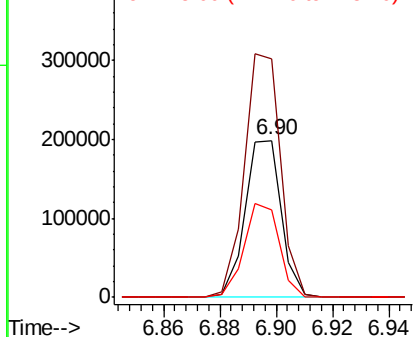
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111637.D
Acq: 20 Dec 2018 14:12

Instrument :
BNA_F
ClientSampleId :
SW-PROP-2

Tgt Ion:152 Resp: 176653
Ion Ratio Lower Upper
152 100
150 152.4 126.6 189.8
115 55.7 50.7 76.1



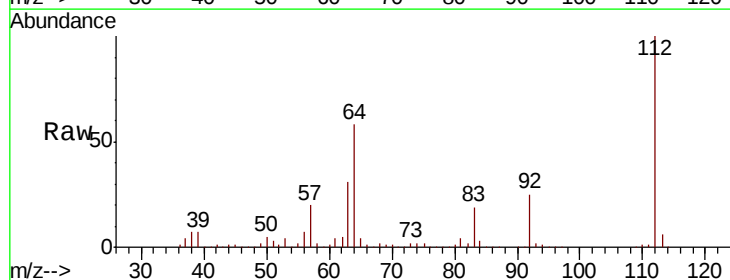
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



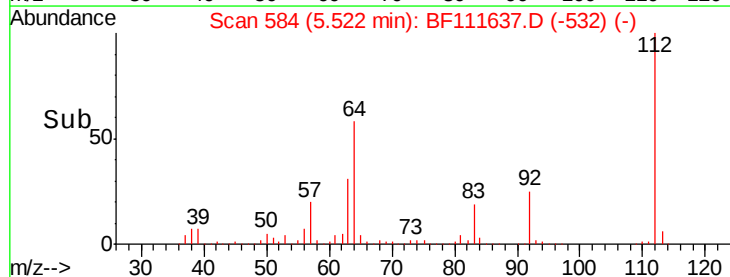
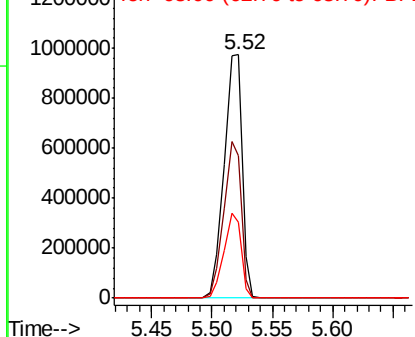
#5

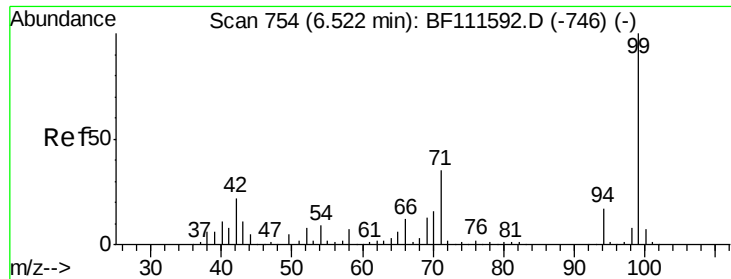
2-Fluorophenol
Concen: 97.411 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111637.D
Acq: 20 Dec 2018 14:12

Tgt Ion:112 Resp: 1009543
Ion Ratio Lower Upper
112 100
64 58.4 51.8 77.6
63 31.4 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.276 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111637.D

Acq: 20 Dec 2018 14:12

Instrument :

BNA_F

ClientSampleId :

SW-PROP-2

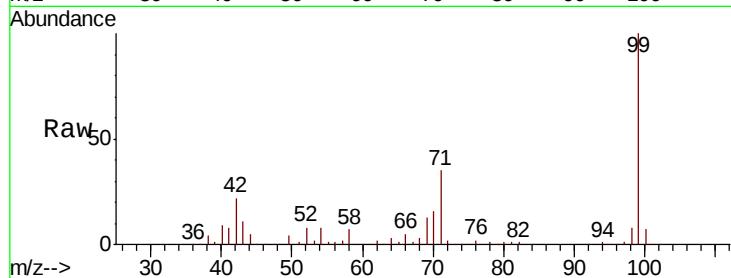
Tgt Ion: 99 Resp: 1296198

Ion Ratio Lower Upper

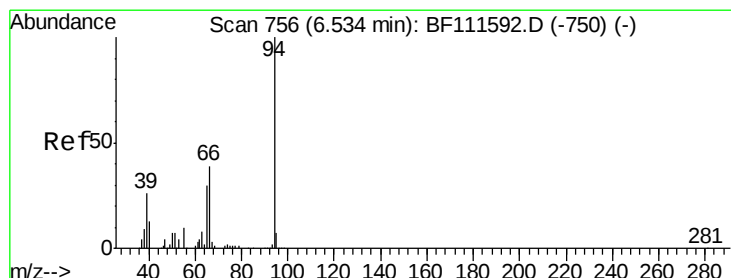
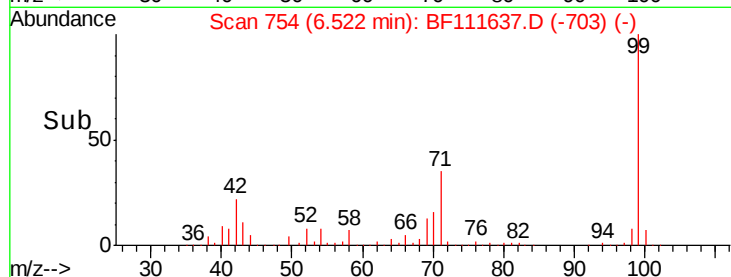
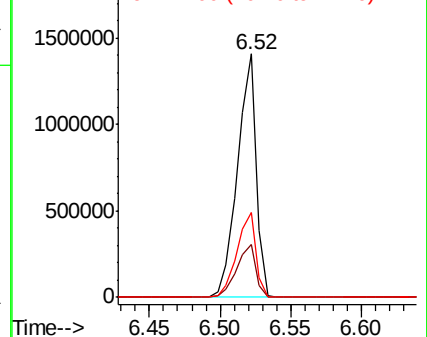
99 100

42 21.8 17.4 26.0

71 34.9 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.906 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111637.D

Acq: 20 Dec 2018 14:12

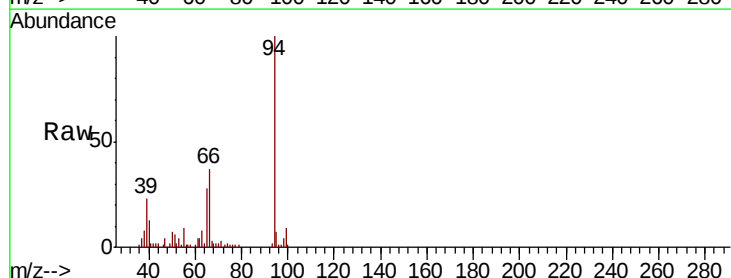
Tgt Ion: 94 Resp: 73008

Ion Ratio Lower Upper

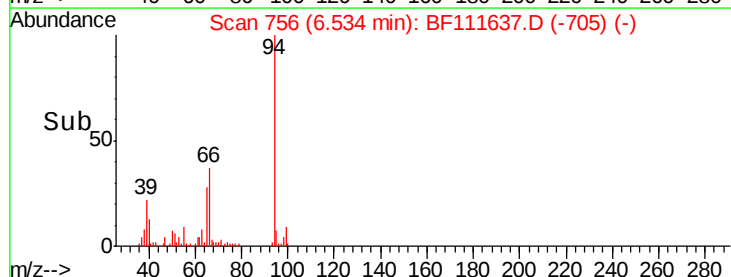
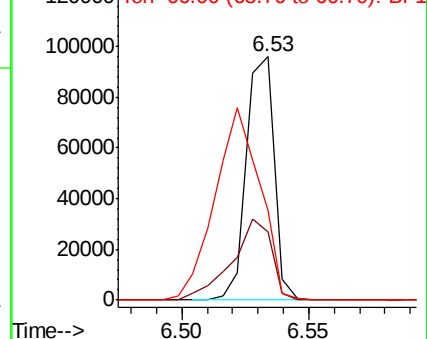
94 100

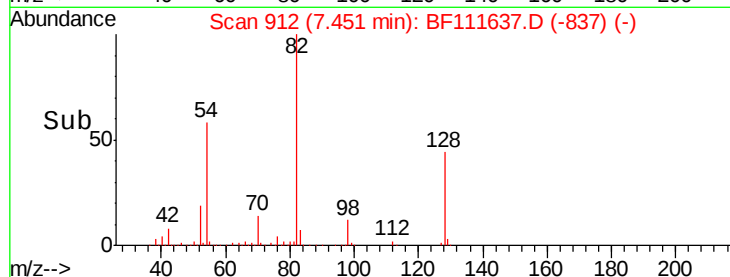
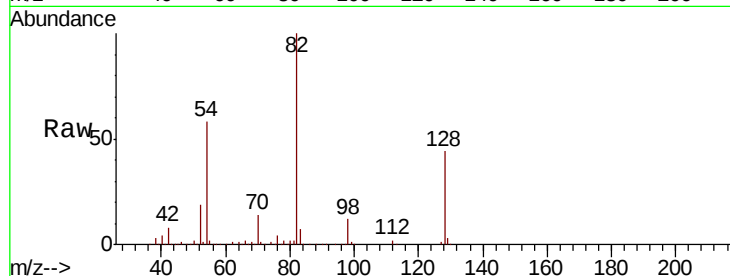
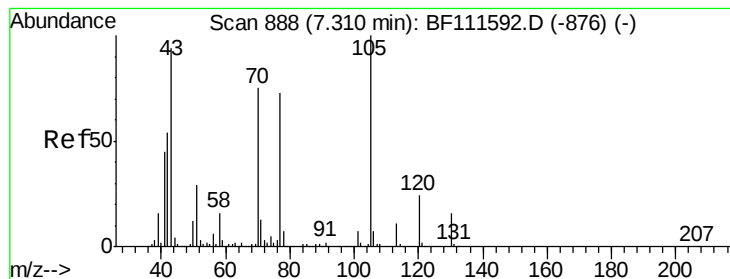
65 28.0 11.7 51.7

66 36.8 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 12.592 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF111637.D

Acq: 20 Dec 2018 14:12

Instrument :

BNA_F

ClientSampleId :

SW-PROP-2

Tgt Ion: 70 Resp: 110293

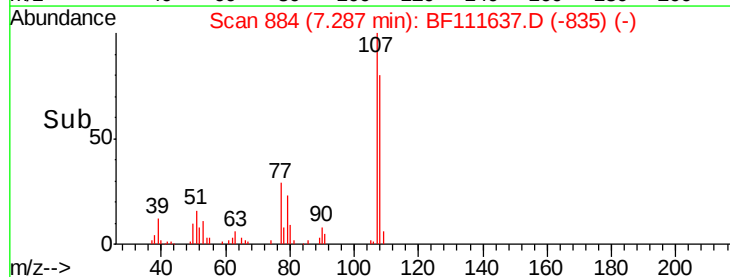
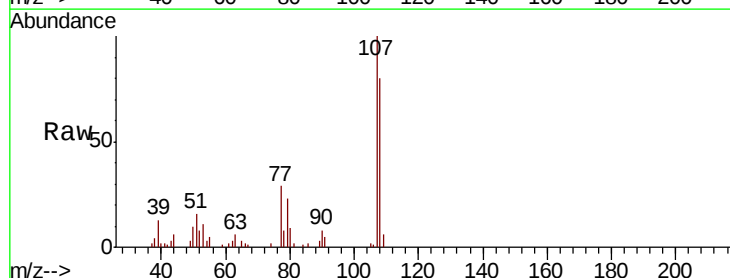
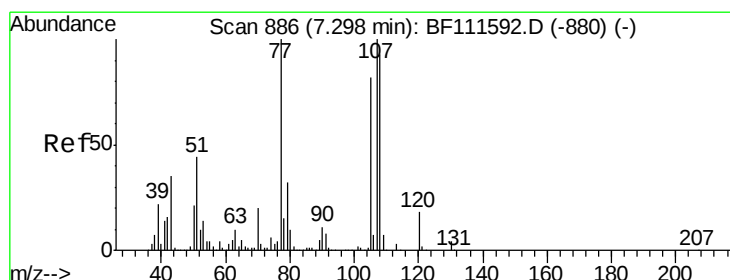
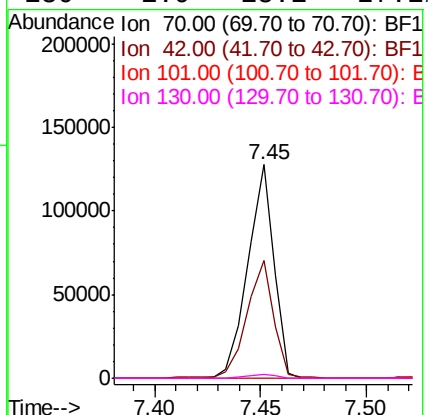
Ion Ratio Lower Upper

70 100

42 55.4 53.2 79.8

101 0.0 8.2 12.4#

130 1.9 18.1 27.1#



#20

3+4-Methylphenols

Concen: 2.071 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF111637.D

Acq: 20 Dec 2018 14:12

Tgt Ion:107 Resp: 24052

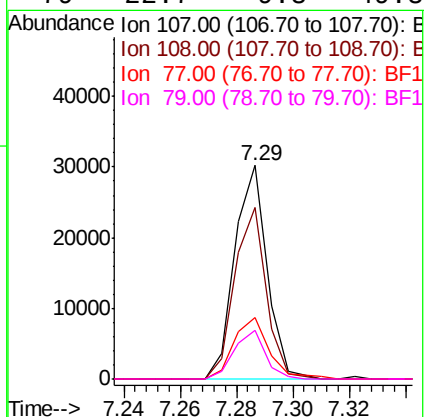
Ion Ratio Lower Upper

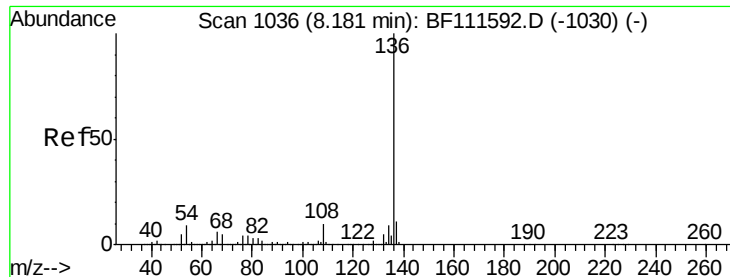
107 100

108 80.4 72.1 112.1

77 28.8 94.1 134.1#

79 22.7 9.8 49.8

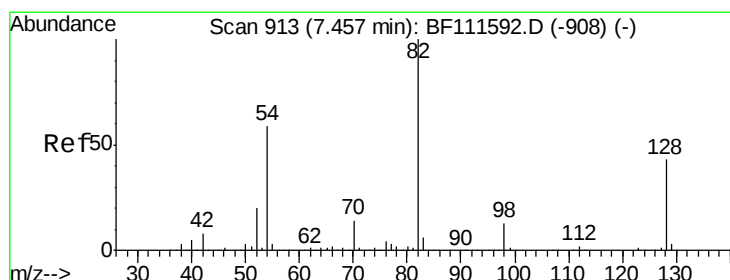
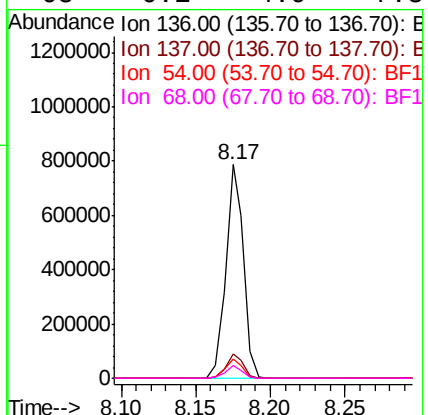
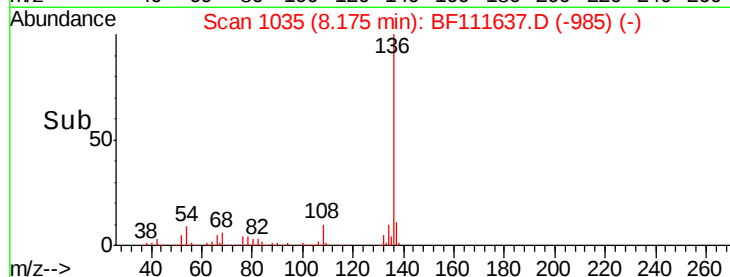
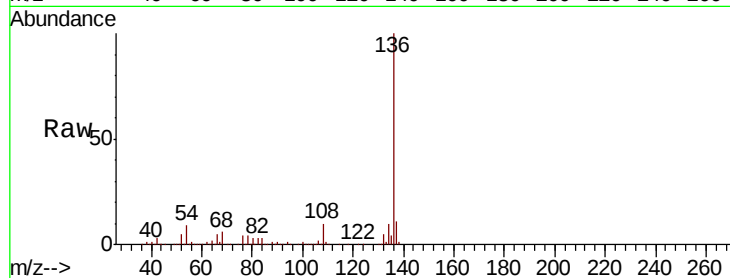




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111637.D
Acq: 20 Dec 2018 14:12

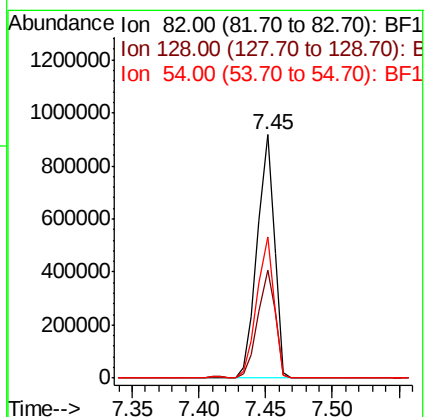
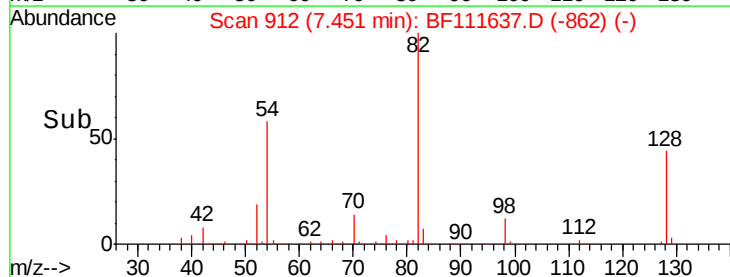
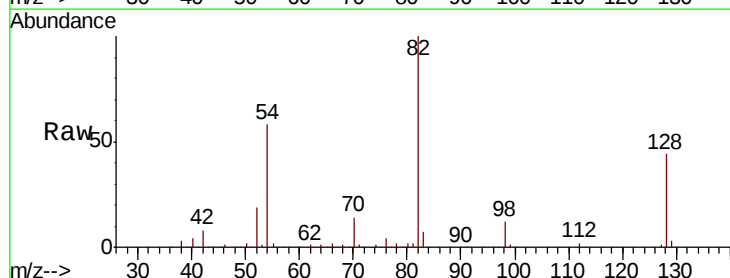
Instrument :
BNA_F
ClientSampleId :
SW-PROP-2

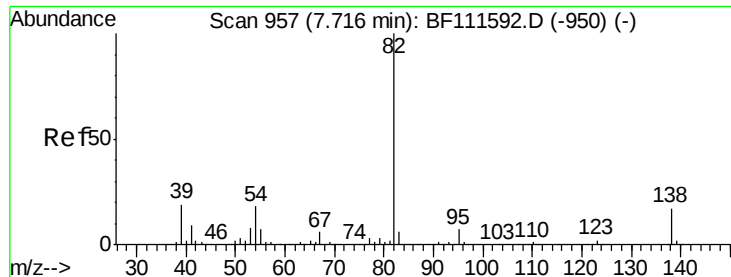
Tgt Ion:	136	Resp:	656052
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.2	7.7	11.5
68	6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 71.986 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111637.D
Acq: 20 Dec 2018 14:12

Tgt Ion:	82	Resp:	811342
Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.4	56.2
54	58.0	47.6	71.4





#25

Isophorone

Concen: 40.269 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF111637.D

Acq: 20 Dec 2018 14:12

Instrument :

BNA_F

ClientSampleId :

SW-PROP-2

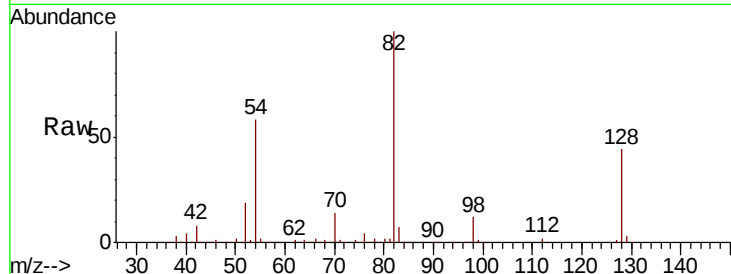
Tgt Ion: 82 Resp: 805741

Ion Ratio Lower Upper

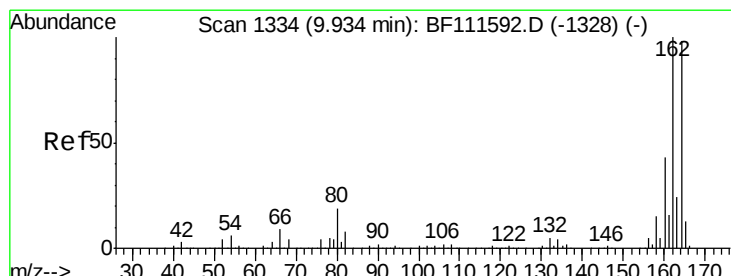
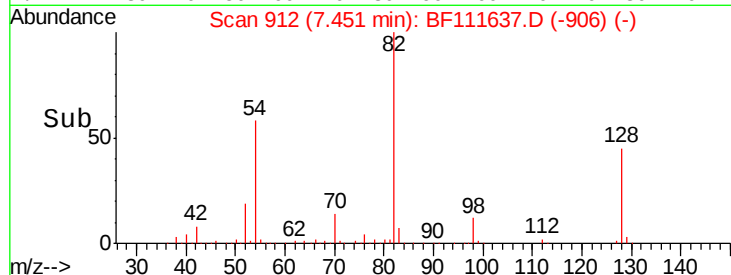
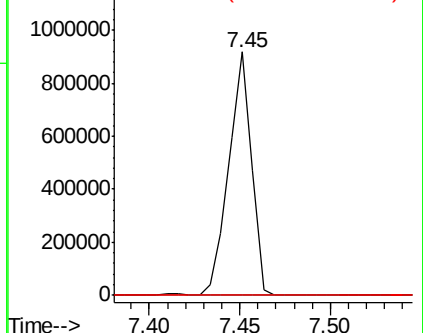
82 100

95 0.0 5.4 8.2#

138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF111637.D

Acq: 20 Dec 2018 14:12

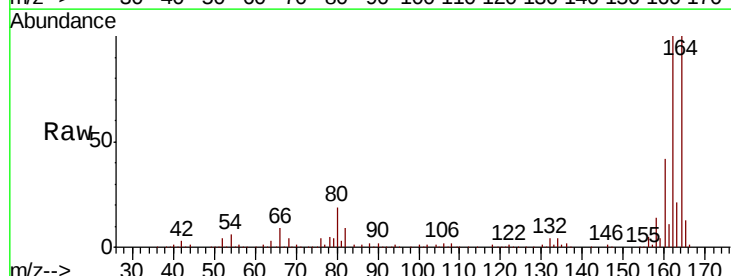
Tgt Ion: 164 Resp: 324504

Ion Ratio Lower Upper

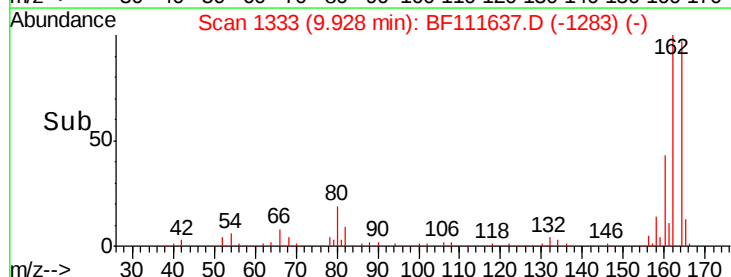
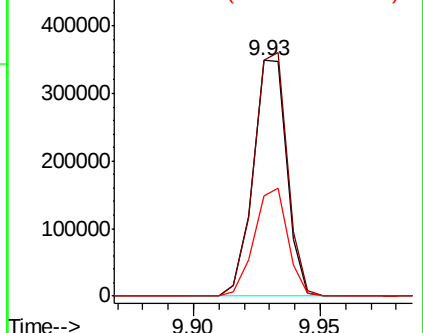
164 100

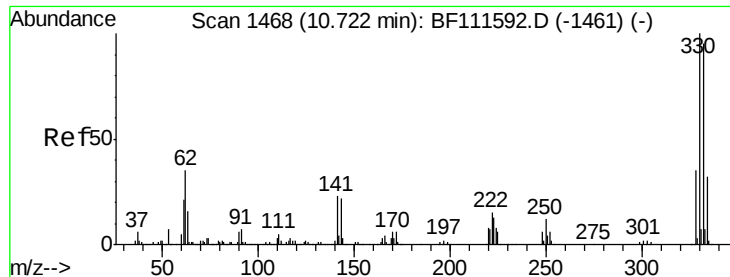
162 100.2 81.4 122.0

160 42.5 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

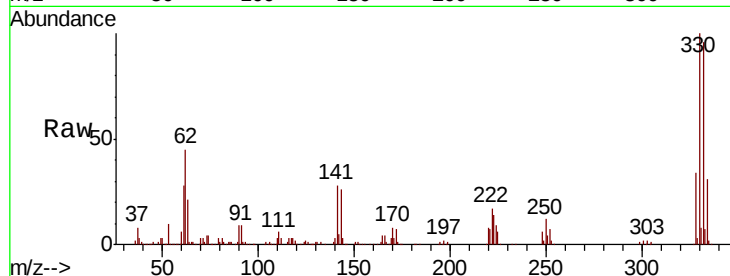




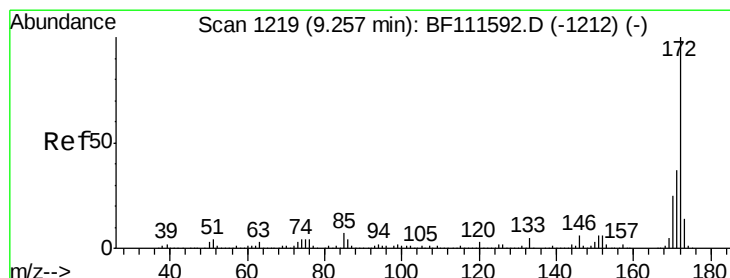
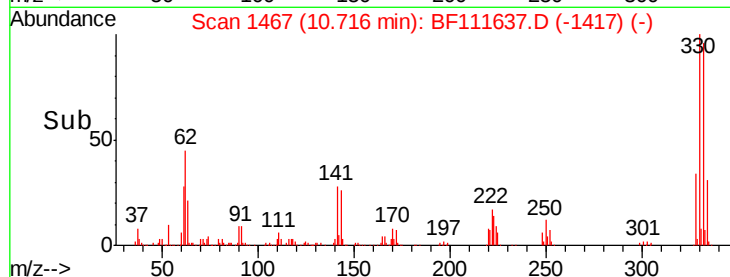
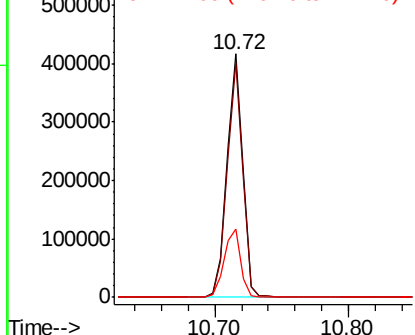
#42
 2,4,6-Tribromophenol
 Concen: 91.027 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111637.D
 Acq: 20 Dec 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SW-PROP-2

Tgt Ion: 330 Resp: 349020
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.0 114.0
 141 29.8 31.0 46.6#

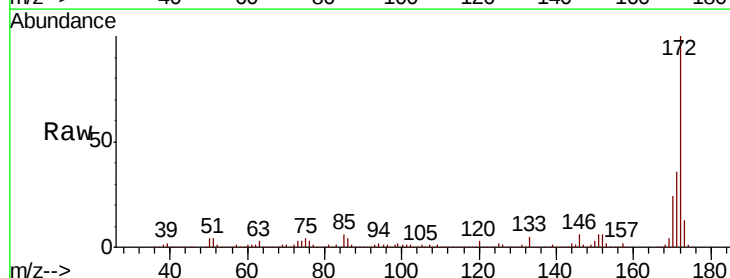


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

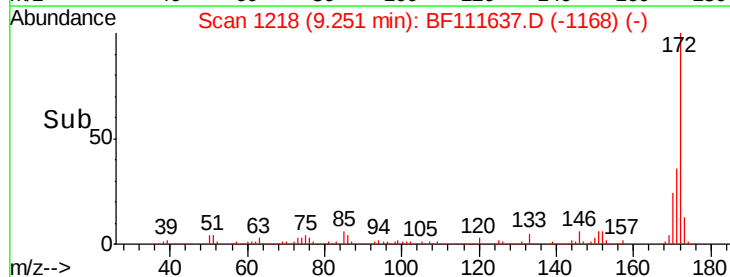
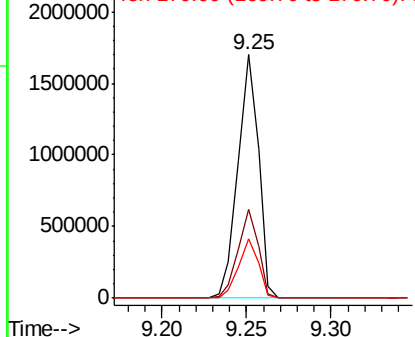


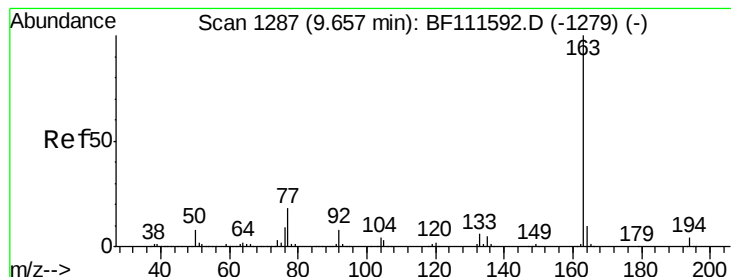
#45
 2-Fluorobiphenyl
 Concen: 64.462 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111637.D
 Acq: 20 Dec 2018 14:12

Tgt Ion: 172 Resp: 1435133
 Ion Ratio Lower Upper
 172 100
 171 36.3 33.0 49.4
 170 24.2 22.3 33.5



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





#50

Dimethylphthalate

Concen: 7.333 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF111637.D

Acq: 20 Dec 2018 14:12

Instrument :

BNA_F

ClientSampleId :

SW-PROP-2

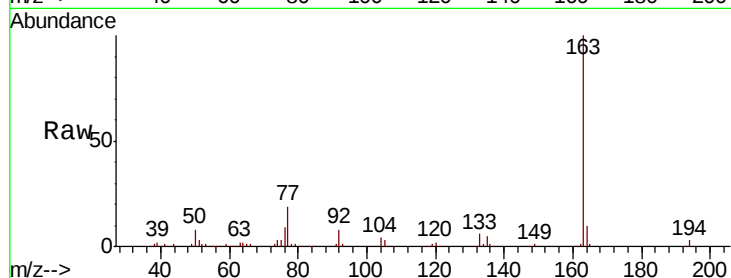
Tgt Ion:163 Resp: 174018

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.6

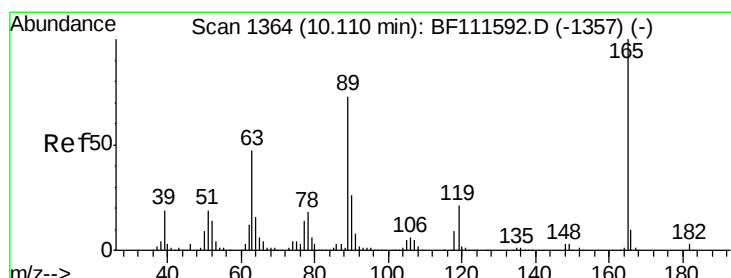
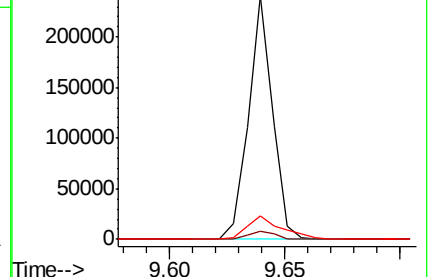
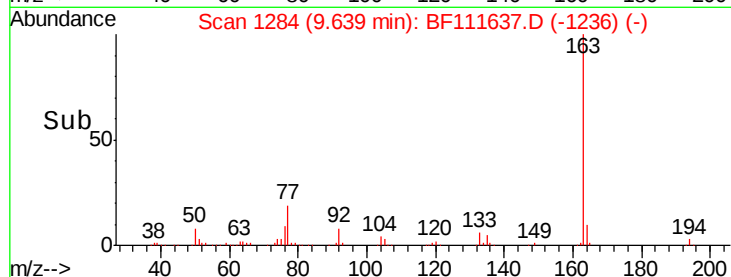
164 9.7 8.9 13.3



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



#57

2,4-Dinitrotoluene

Concen: 7.178 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.18 min

Lab File: BF111637.D

Acq: 20 Dec 2018 14:12

Tgt Ion:165 Resp: 40823

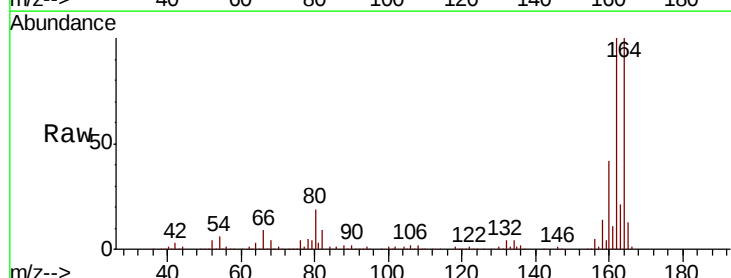
Ion Ratio Lower Upper

165 100

63 1.7 34.6 52.0#

89 1.1 56.2 84.4#

182 0.0 1.8 2.6#

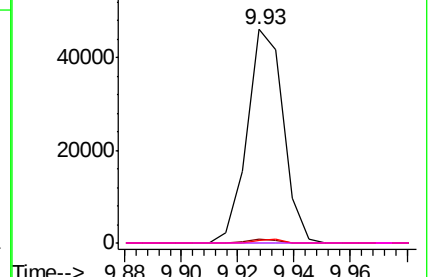
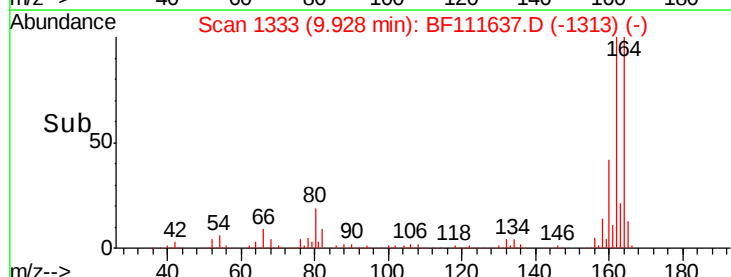


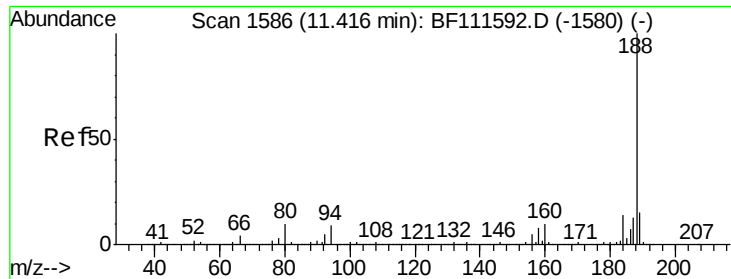
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111637.D

Acq: 20 Dec 2018 14:12

Instrument :

BNA_F

ClientSampleId :

SW-PROP-2

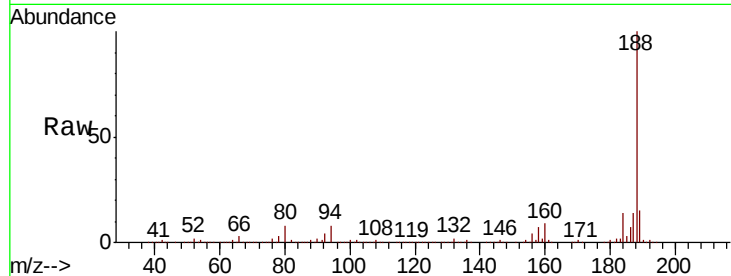
Tgt Ion:188 Resp: 536719

Ion Ratio Lower Upper

188 100

94 7.6 9.6 14.4#

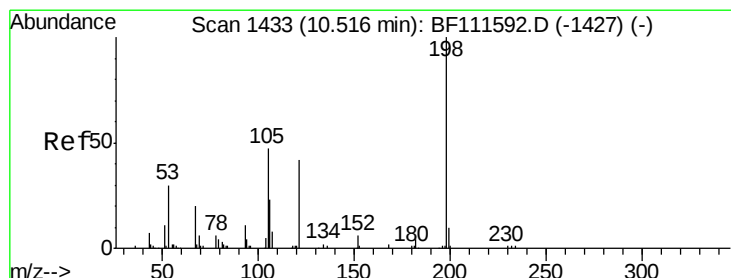
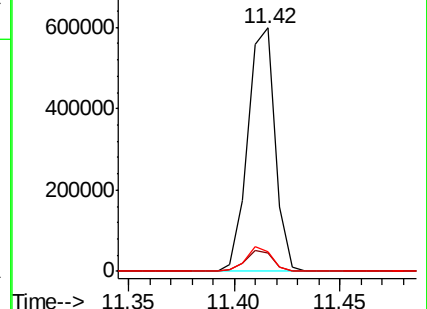
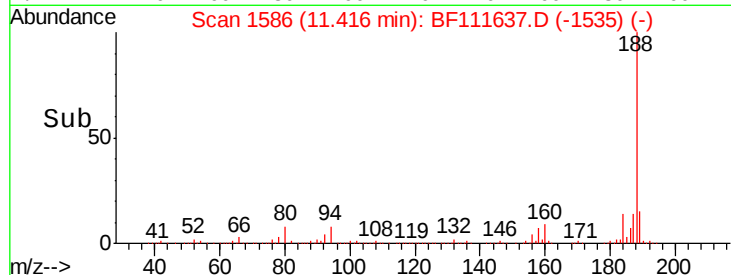
80 8.2 9.8 14.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 6.933 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.20 min

Lab File: BF111637.D

Acq: 20 Dec 2018 14:12

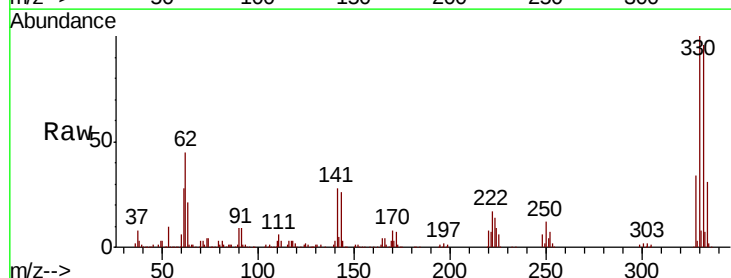
Tgt Ion:198 Resp: 620

Ion Ratio Lower Upper

198 100

51 221.8 48.0 88.0#

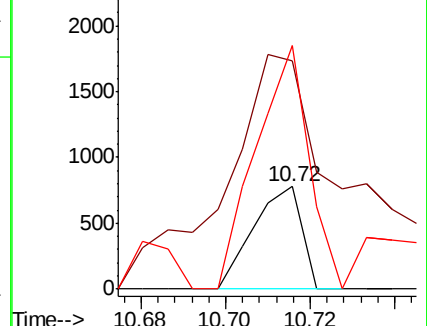
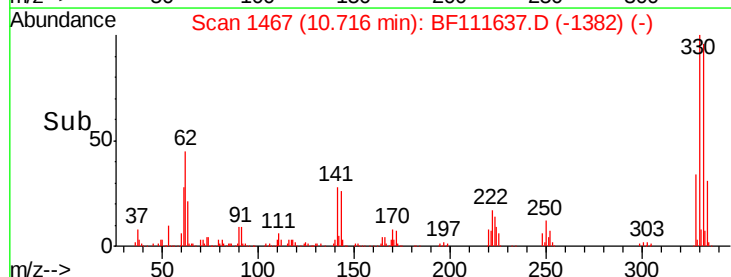
105 237.2 34.0 74.0#

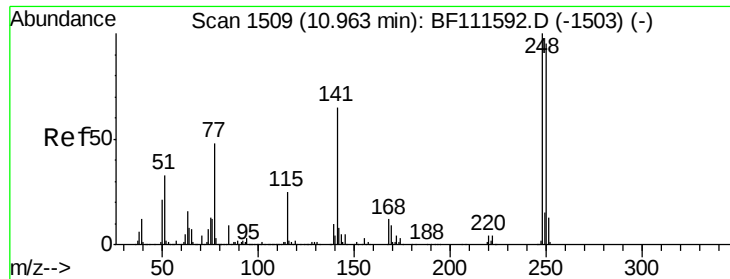


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

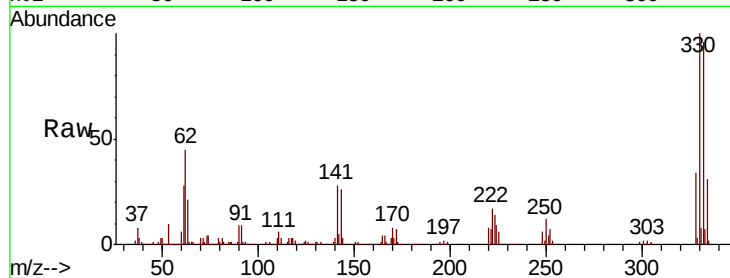




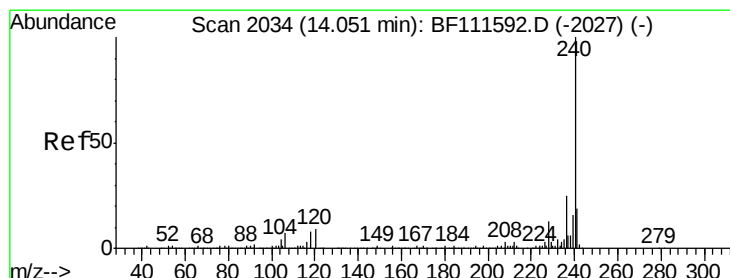
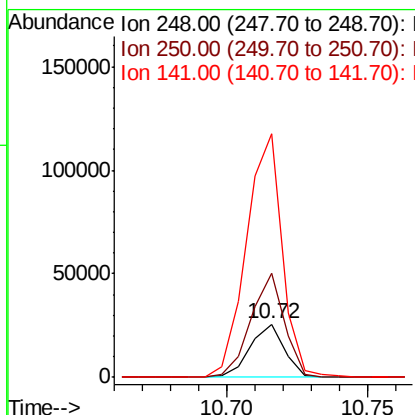
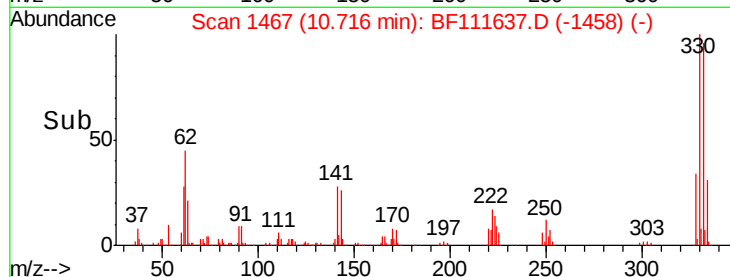
#67
 4-Bromophenyl-phenylether
 Concen: 3.232 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF111637.D
 Acq: 20 Dec 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SW-PROP-2

Tgt Ion:248 Resp: 21515
 Ion Ratio Lower Upper
 248 100
 250 196.9 77.0 115.4#
 141 458.9 63.0 94.6#

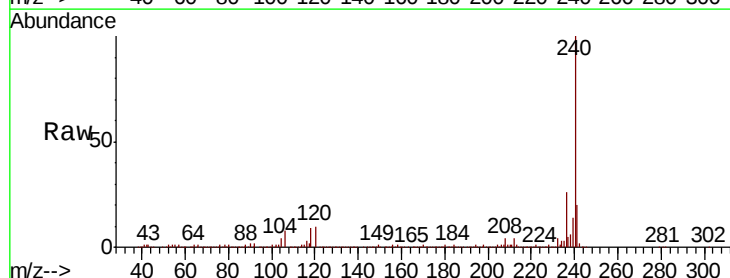


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

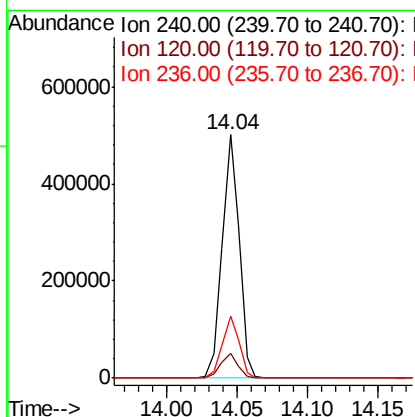
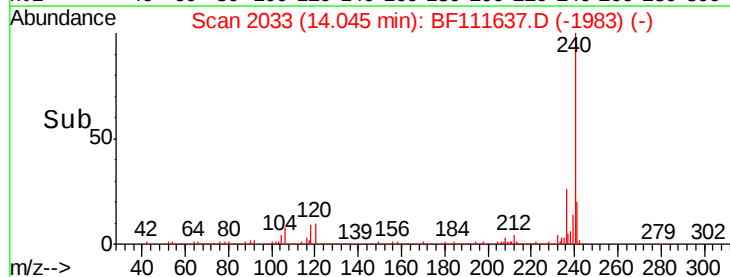


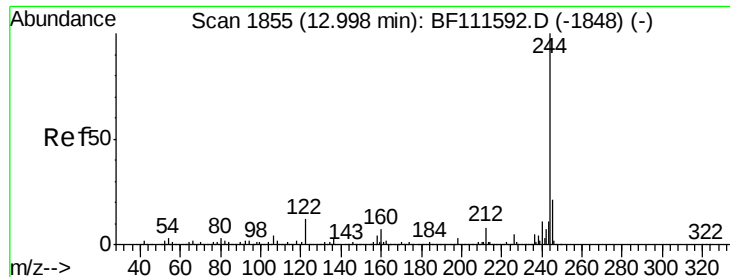
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF111637.D
 Acq: 20 Dec 2018 14:12

Tgt Ion:240 Resp: 419902
 Ion Ratio Lower Upper
 240 100
 120 10.4 12.2 18.2#
 236 25.6 20.2 30.2



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





#79

Terphenyl-d14

Concen: 47.223 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111637.D

Acq: 20 Dec 2018 14:12

Instrument :

BNA_F

ClientSampleId :

SW-PROP-2

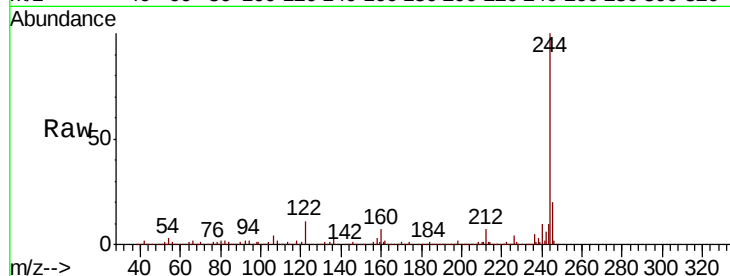
Tgt Ion:244 Resp: 1045613

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 11.3 13.1 19.7#

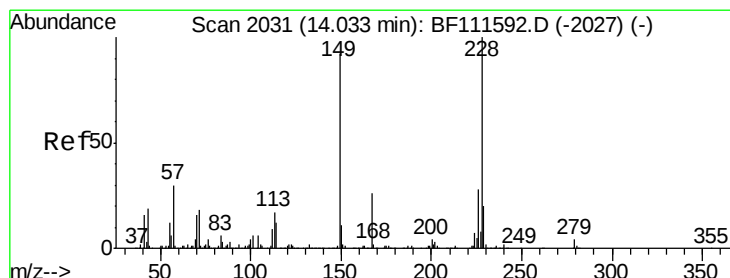
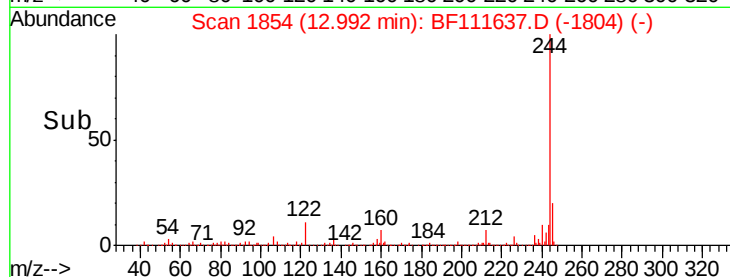
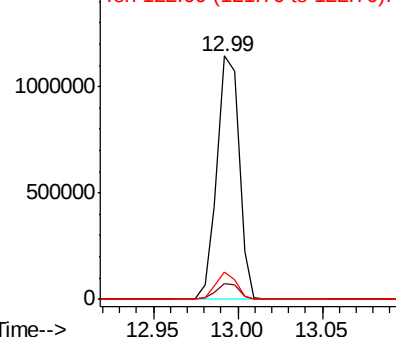


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.694 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111637.D

Acq: 20 Dec 2018 14:12

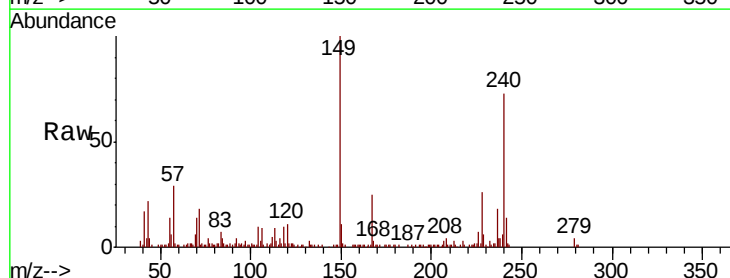
Tgt Ion:149 Resp: 56234

Ion Ratio Lower Upper

149 100

167 24.7 22.5 33.7

279 4.1 2.6 4.0#

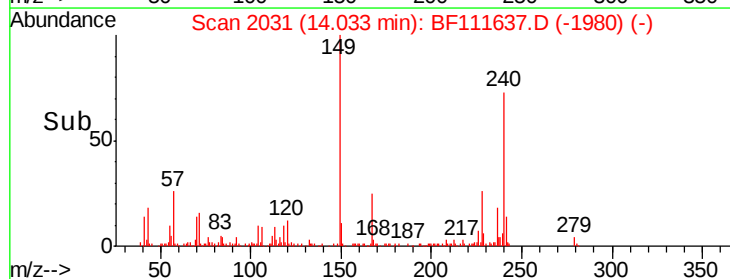
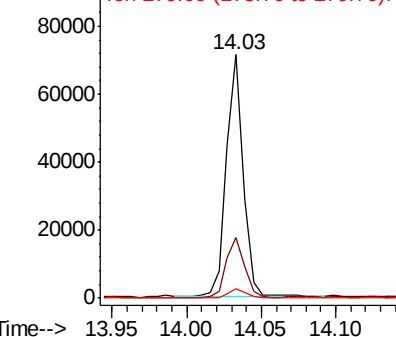


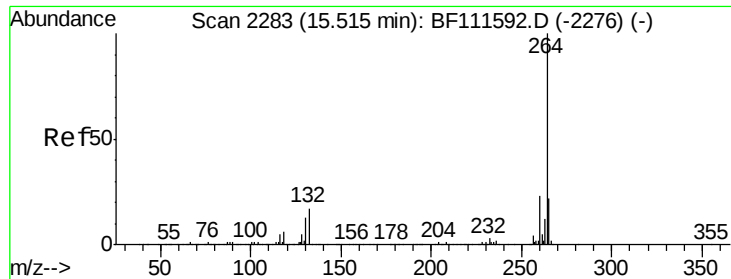
Abundance

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





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111637.D
Acq: 20 Dec 2018 14:12

Instrument :
BNA_F
ClientSampleId :
SW-PROP-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	22.1	17.7	26.5

