

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111690.D
 Acq On : 21 Dec 2018 16:33
 Operator : JU/SJ
 Sample : J6447-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-0612-01

Quant Time: Dec 21 22:34:14 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	194745	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	696426	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	298861	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	492424	20.00	ng	0.00
76) Chrysene-d12	14.06	240	378997	20.00	ng	0.01
87) Perylene-d12	15.56	264	273630	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1164543	101.93	ng	0.01
7) Phenol-d6	6.53	99	1455190	100.08	ng	0.01
23) Nitrobenzene-d5	7.46	82	915225	76.50	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	334627	94.76	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1546839	75.44	ng	0.00
79) Terphenyl-d14	13.00	244	1297469	64.92	ng	0.00

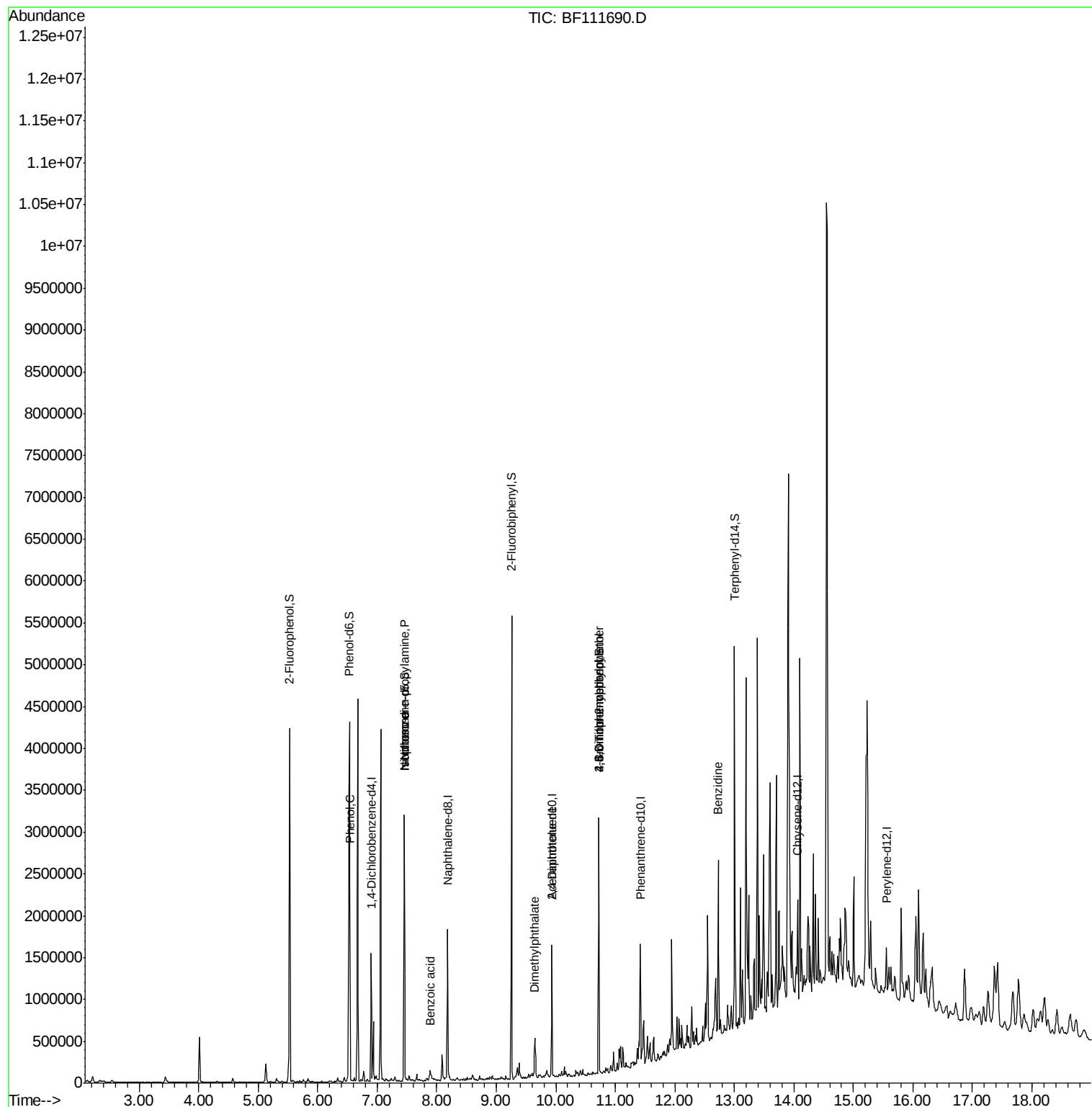
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.55	94	117800	7.180	ng	94
19) n-Nitroso-di-n-propylamine	7.46	70	128266	13.283	ng	# 78
25) Isophorone	7.46	82	912298	42.951	ng	# 64
32) Benzoic acid	7.89	122	32771	4.944	ng	95
50) Dimethylphthalate	9.65	163	156354	7.154	ng	100
57) 2,4-Dinitrotoluene	9.93	165	40374	7.709	ng	# 26
65) 4,6-Dinitro-2-methylphenol	10.72	198	725	6.999	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	20590	3.371	ng	# 1
77) Benzidine	12.73	184	53297	3.737	ng	# 71

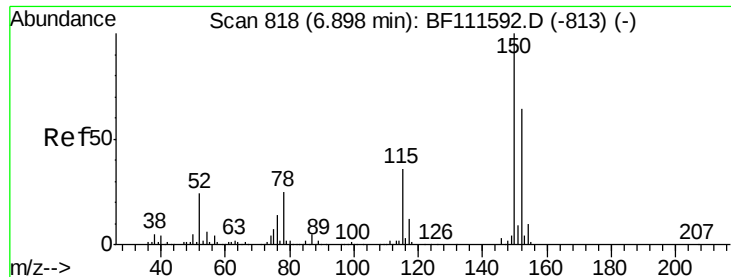
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111690.D
Acq On : 21 Dec 2018 16:33
Operator : JU/SJ
Sample : J6447-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Quant Time: Dec 21 22:34:14 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



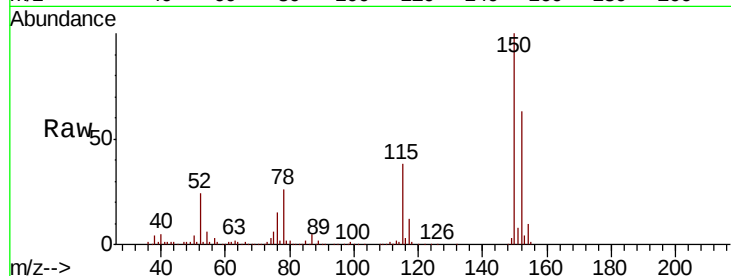


#1

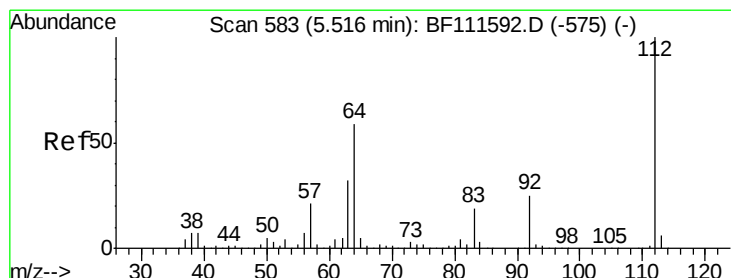
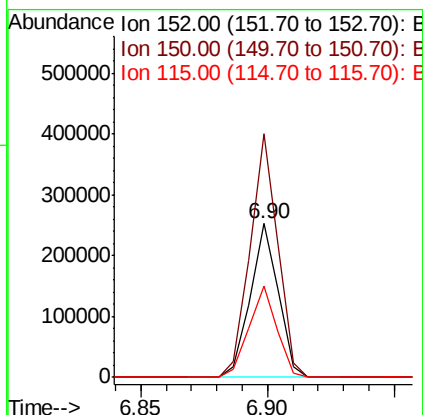
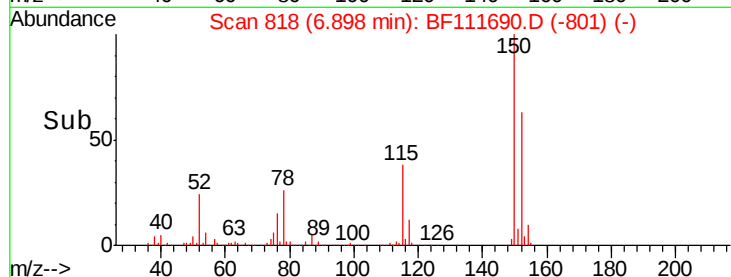
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:152 Resp: 194745
Ion Ratio Lower Upper
152 100
150 158.2 126.6 189.8
115 59.5 50.7 76.1



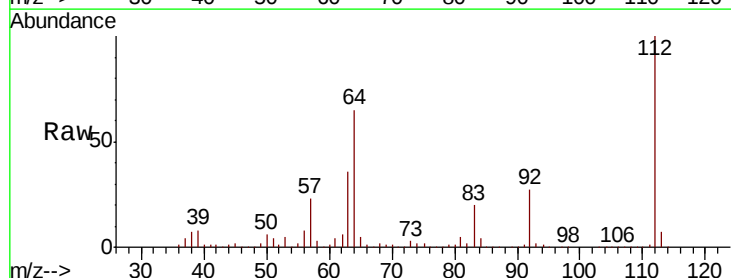
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



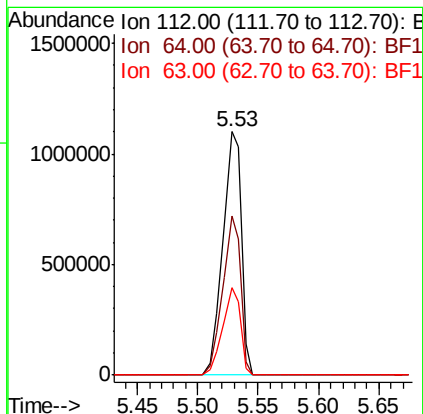
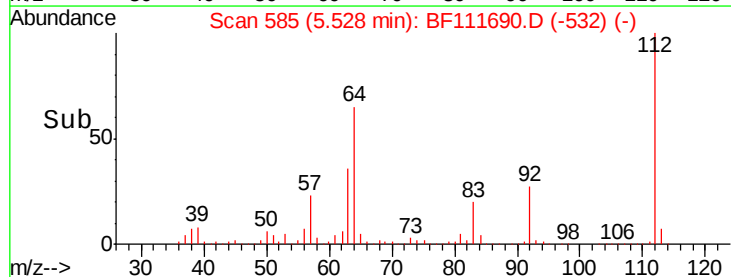
#5

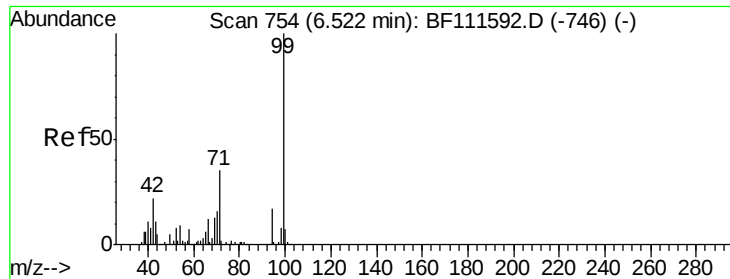
2-Fluorophenol
Concen: 101.928 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:112 Resp: 1164543
Ion Ratio Lower Upper
112 100
64 65.4 51.8 77.6
63 36.0 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: 100.081 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111690.D

Acq: 21 Dec 2018 16:33

Instrument :

BNA_F

ClientSampleId :

P001-SS025-0612-01

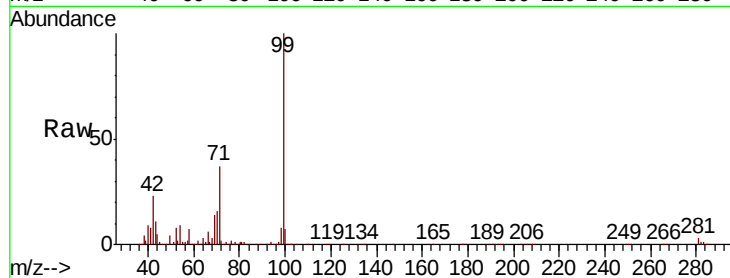
Tgt Ion: 99 Resp: 1455190

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

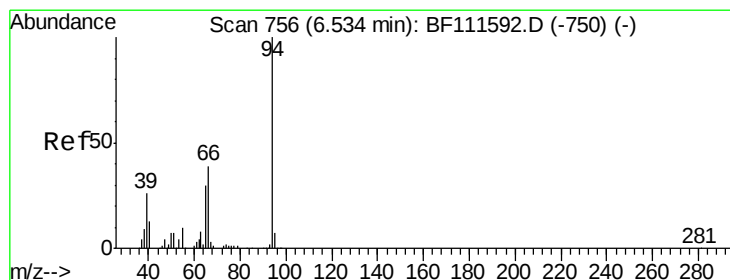
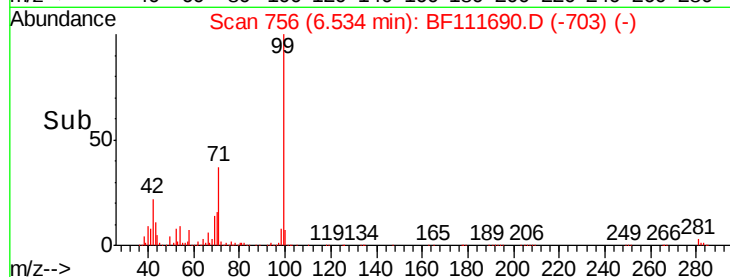
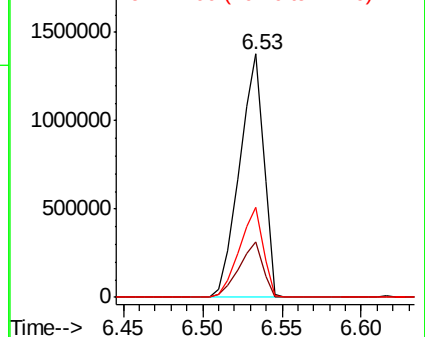
71 36.7 26.1 39.1



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: 7.180 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111690.D

Acq: 21 Dec 2018 16:33

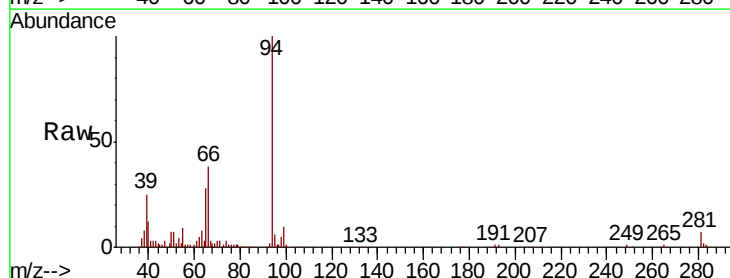
Tgt Ion: 94 Resp: 117800

Ion Ratio Lower Upper

94 100

65 27.8 11.7 51.7

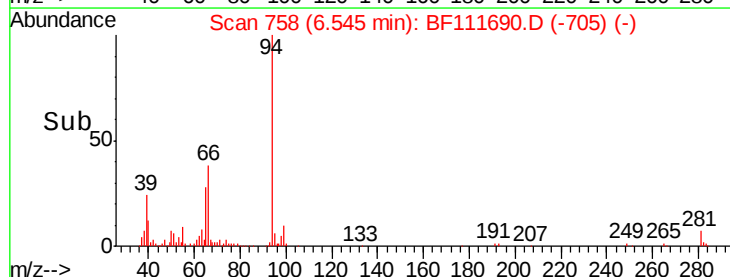
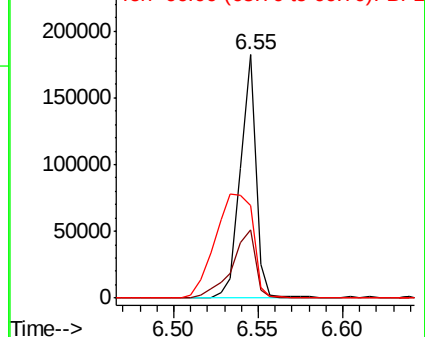
66 38.0 21.0 61.0

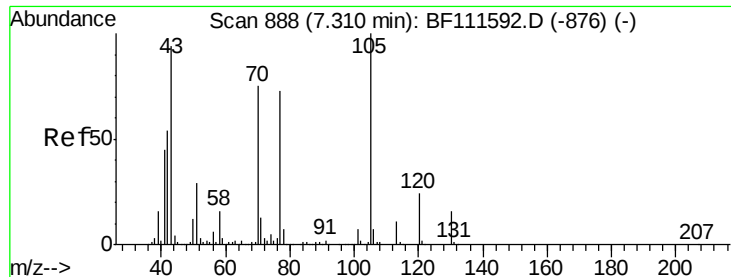


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

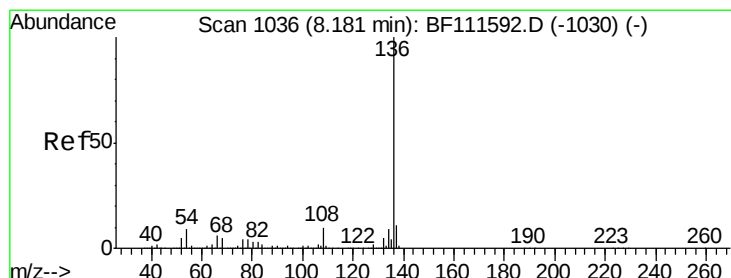
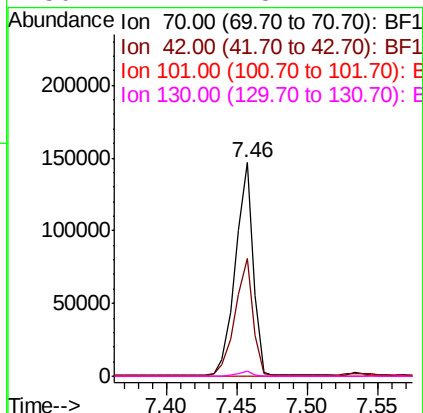
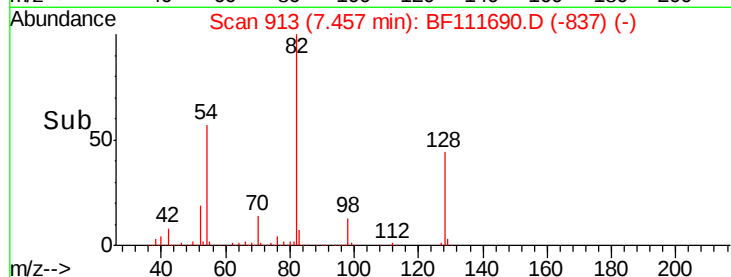
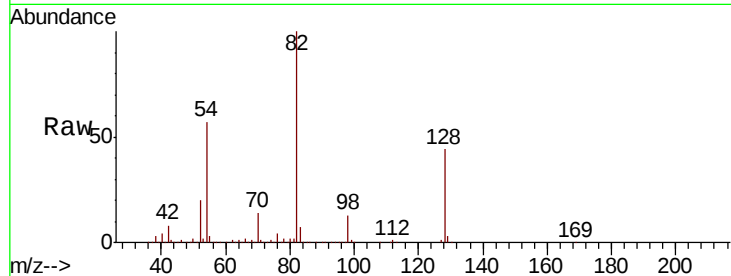




#19
n-Nitroso-di-n-propylamine
Concen: 13.283 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

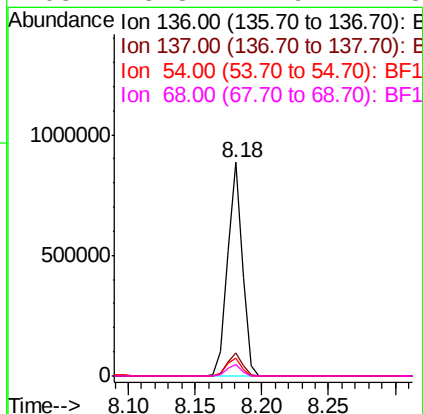
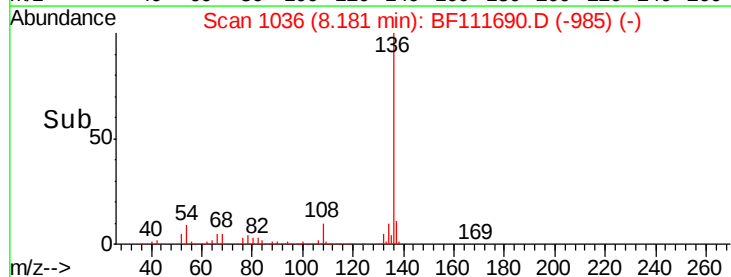
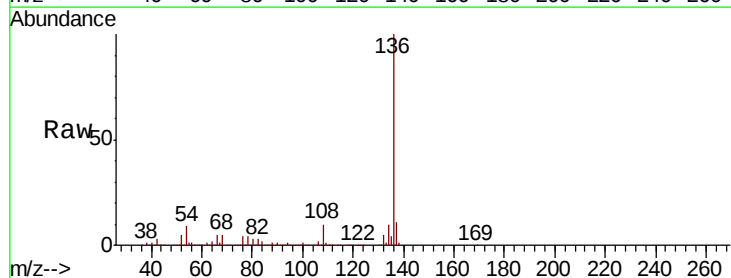
Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

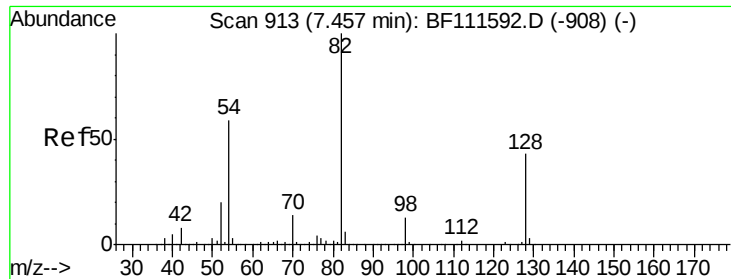
Tgt Ion: 70 Resp: 128266
Ion Ratio Lower Upper
70 100
42 55.4 53.2 79.8
101 0.0 8.2 12.4#
130 2.2 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:136 Resp: 696426
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.6 7.7 11.5
68 5.3 4.9 7.3

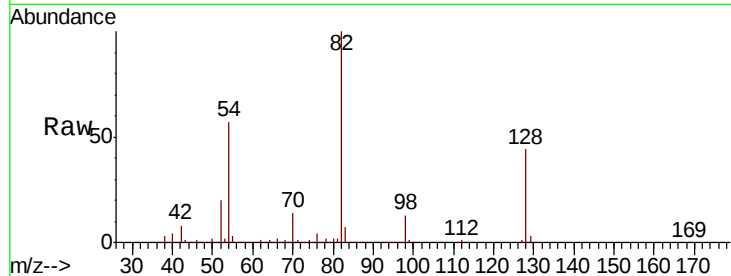




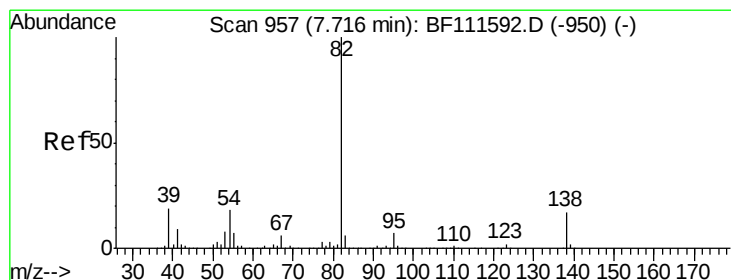
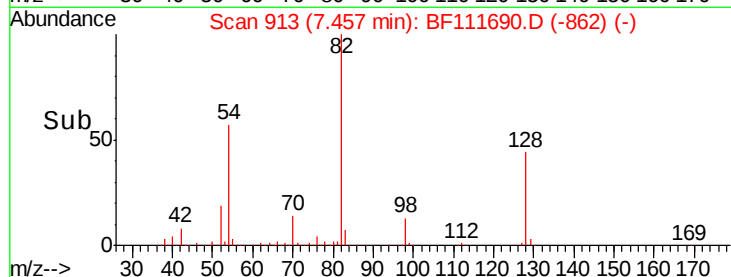
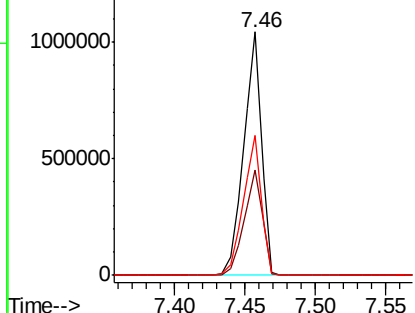
#23
Nitrobenzene-d5
Concen: 76.495 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	37.4	56.2
54	57.3	47.6	71.4

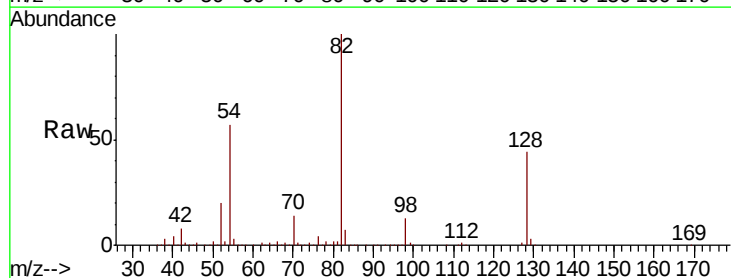


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

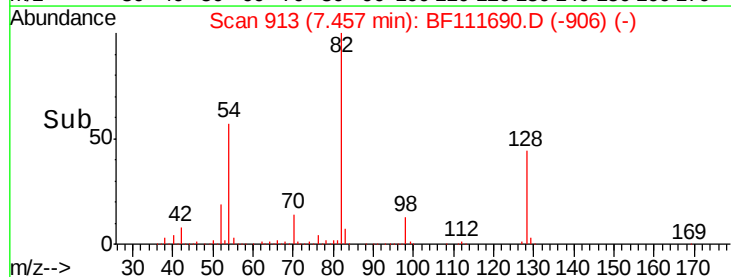
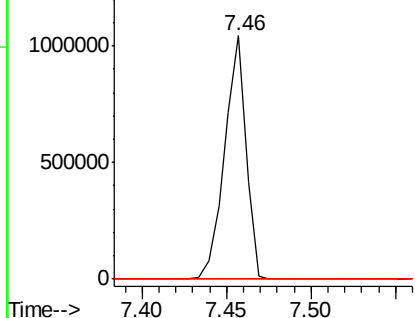


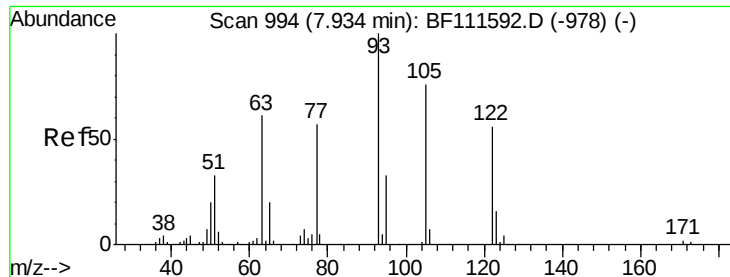
#25
Isophorone
Concen: 42.951 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt 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): BF1

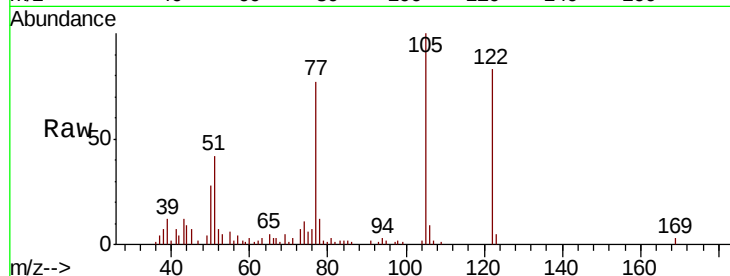




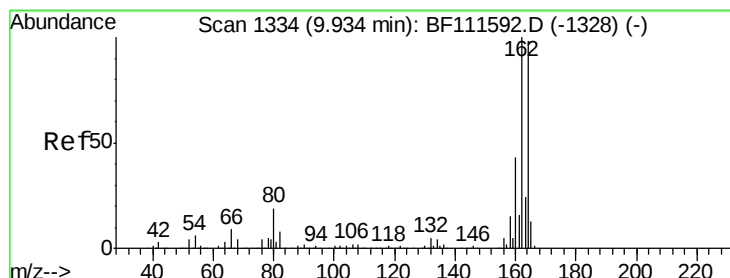
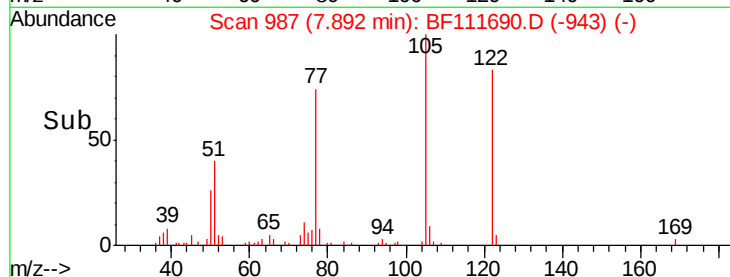
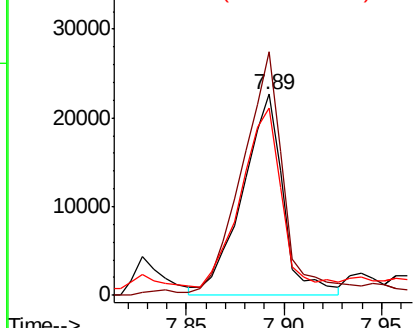
#32
Benzoic acid
Concen: 4.944 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.04 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:122 Resp: 32771
Ion Ratio Lower Upper
122 100
105 120.9 97.0 137.0
77 92.7 65.7 105.7

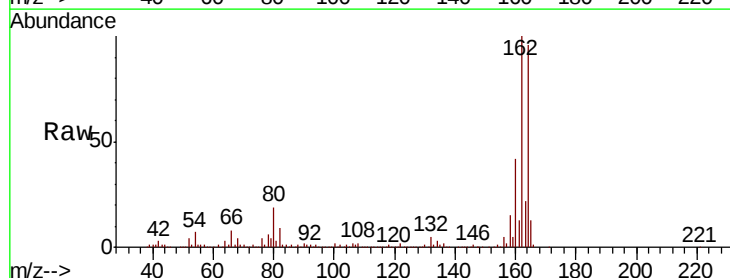


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

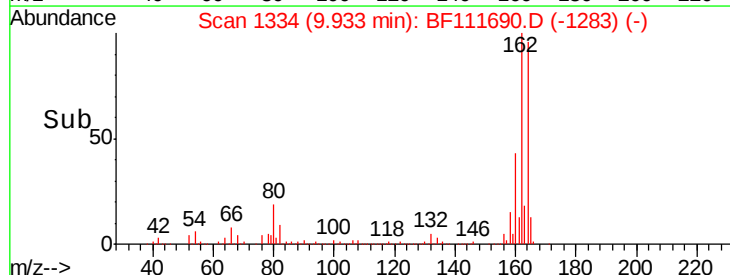
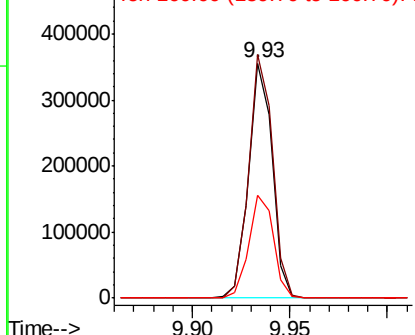


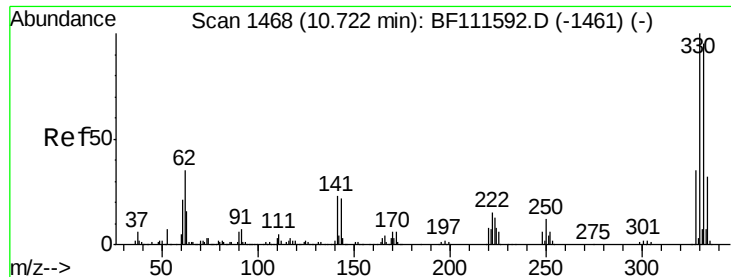
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:164 Resp: 298861
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 44.0 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

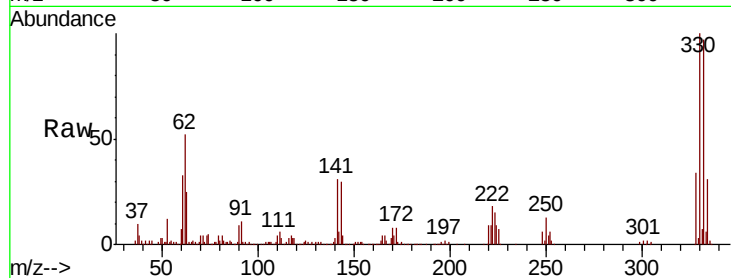




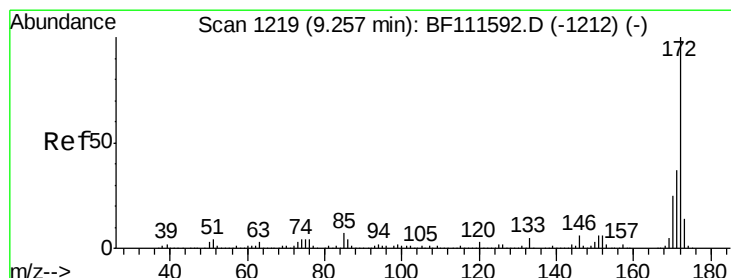
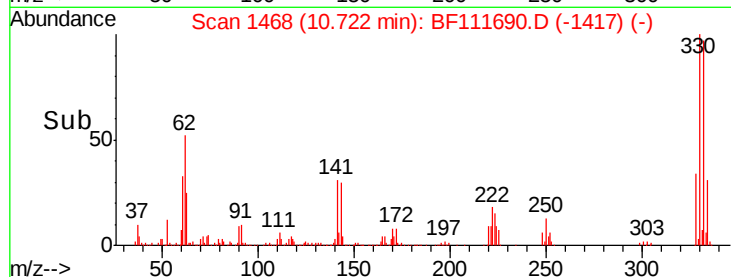
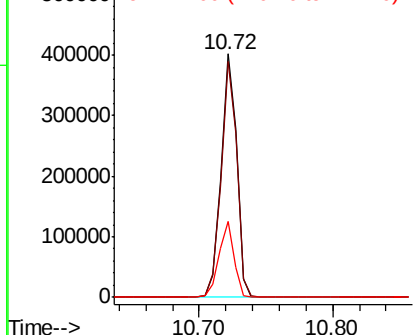
#42
 2,4,6-Tribromophenol
 Concen: 94.761 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111690.D
 Acq: 21 Dec 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-0612-01

Tgt Ion:330 Resp: 334627
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.0 114.0
 141 29.9 31.0 46.6#

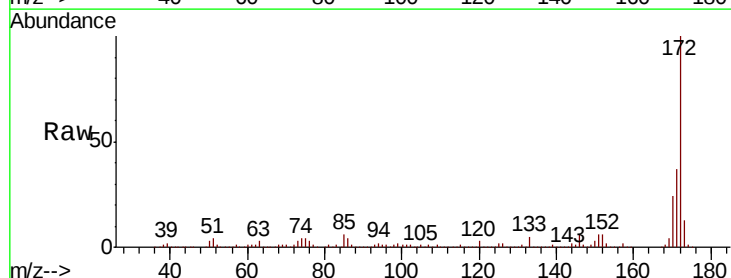


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

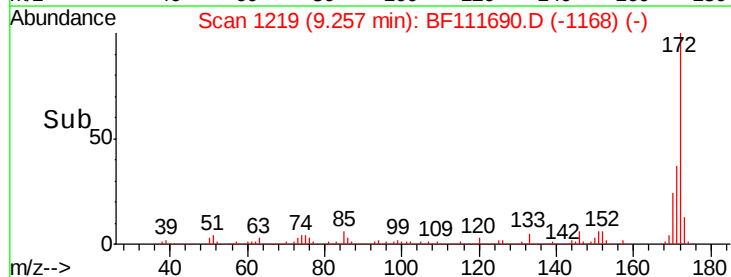
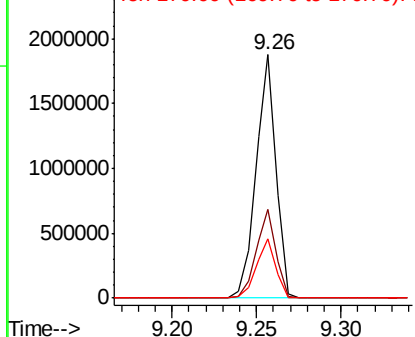


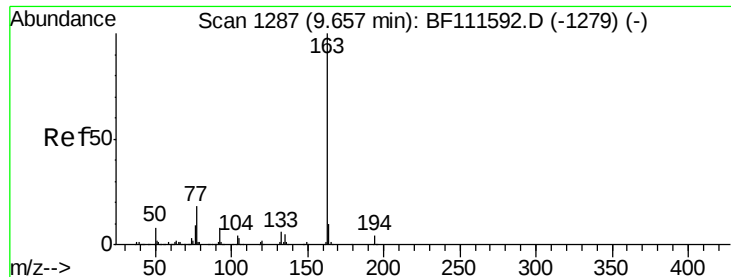
#45
 2-Fluorobiphenyl
 Concen: 75.441 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF111690.D
 Acq: 21 Dec 2018 16:33

Tgt Ion:172 Resp: 1546839
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

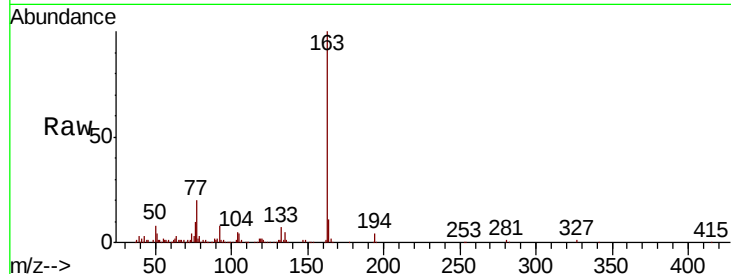




#50
Dimethylphthalate
Concen: 7.154 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	11.1	8.9	13.3

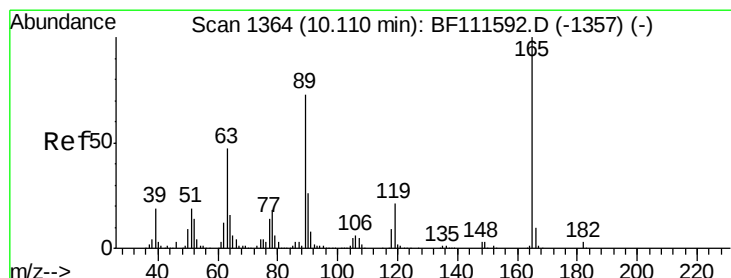
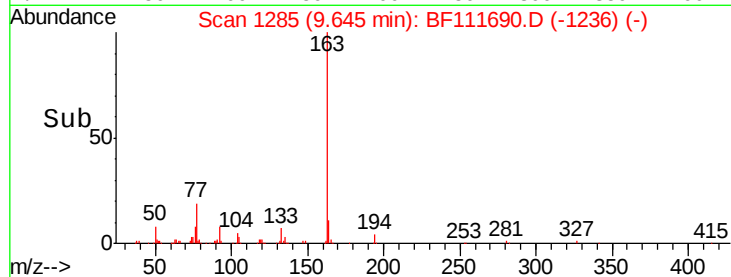
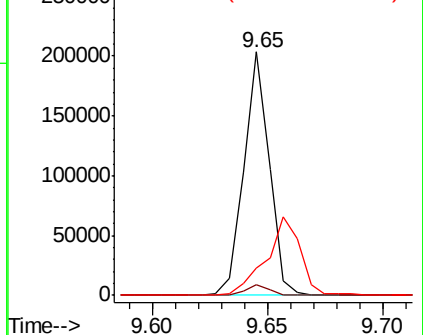


Abundance

Ion 163.00 (162.70 to 163.70): E

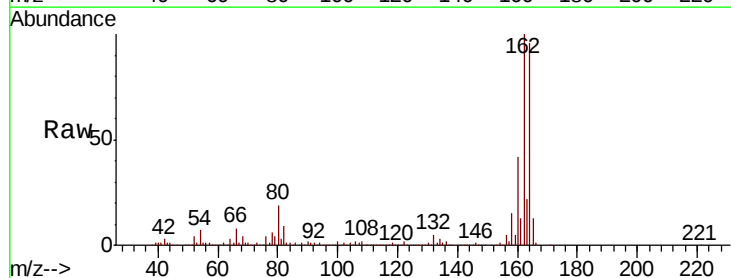
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 7.709 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	34.6	52.0#
89	1.6	56.2	84.4#
182	0.0	1.8	2.6#



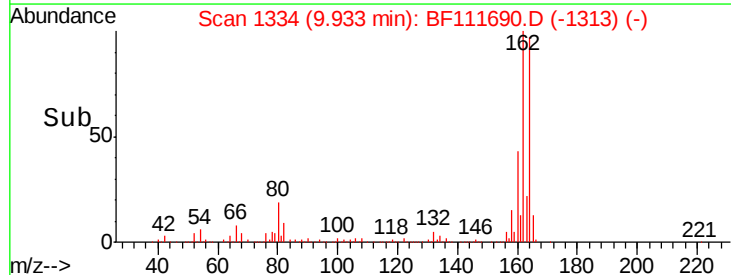
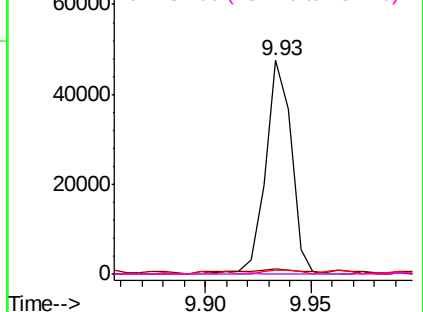
Abundance

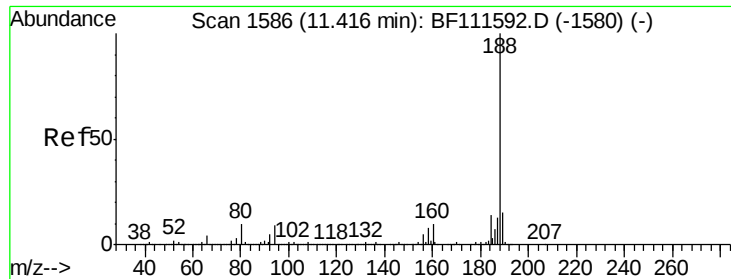
Ion 165.00 (164.70 to 165.70): E

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

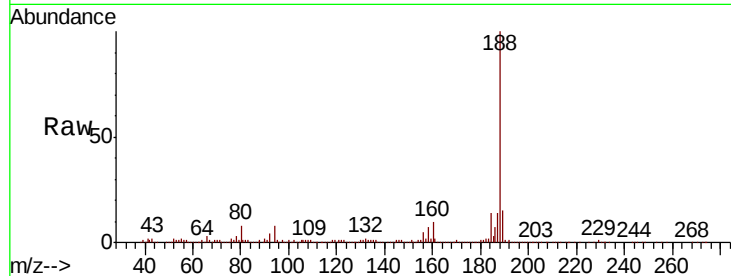




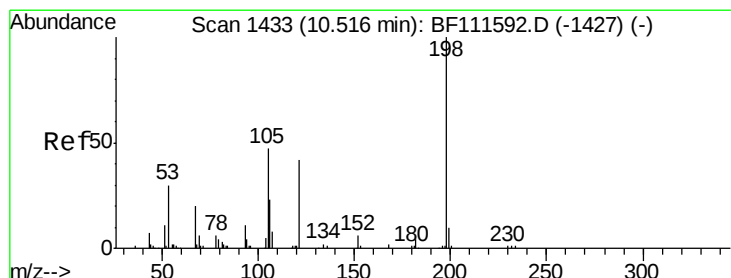
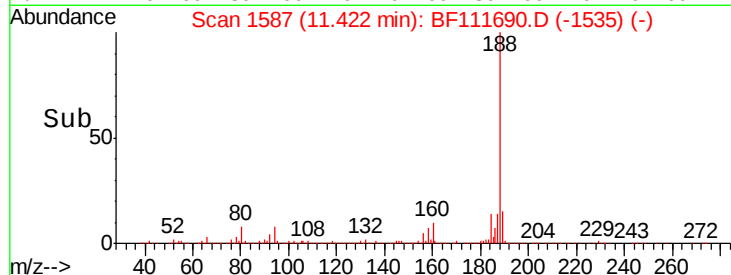
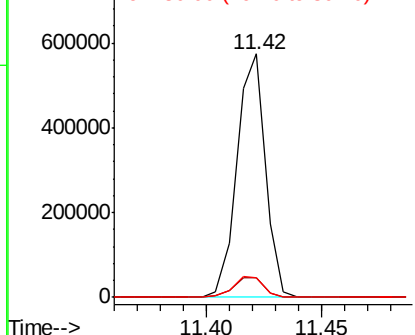
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:188 Resp: 492424
Ion Ratio Lower Upper
188 100
94 8.0 9.6 14.4#
80 8.2 9.8 14.6#

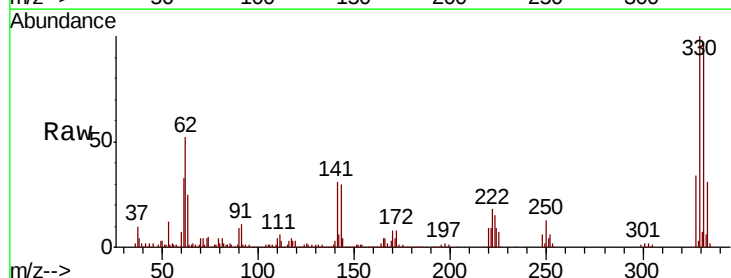


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

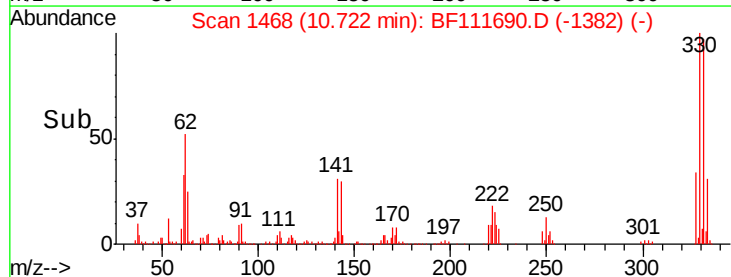
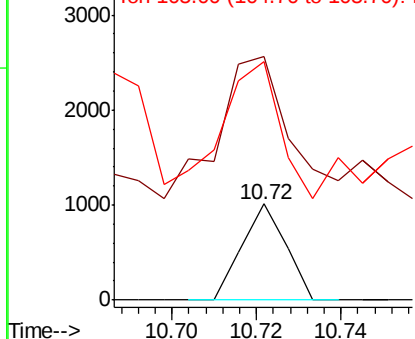


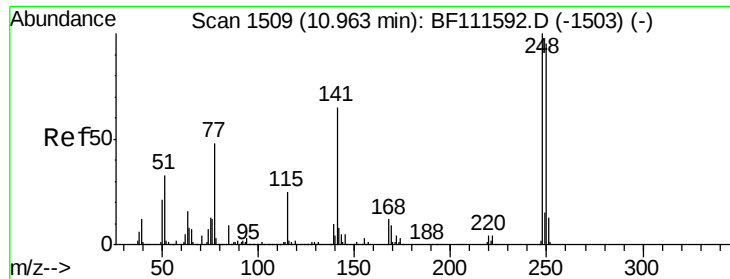
#65
4,6-Dinitro-2-methylphenol
Concen: 6.999 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:198 Resp: 725
Ion Ratio Lower Upper
198 100
51 253.9 48.0 88.0#
105 248.5 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

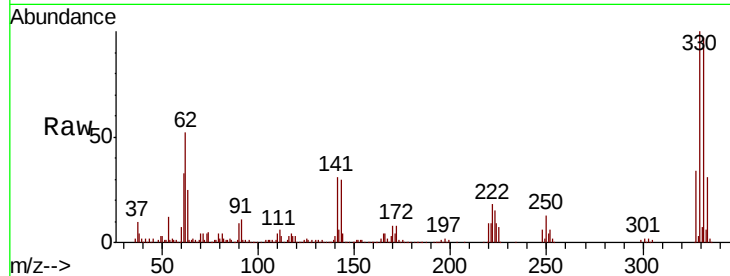




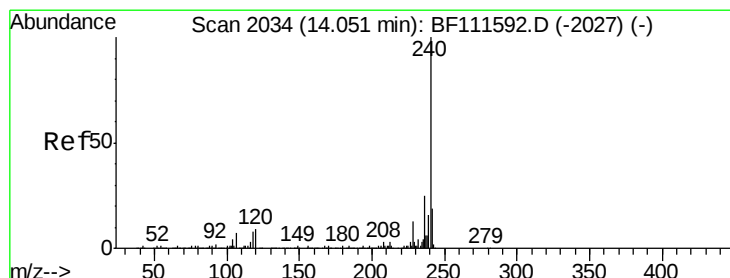
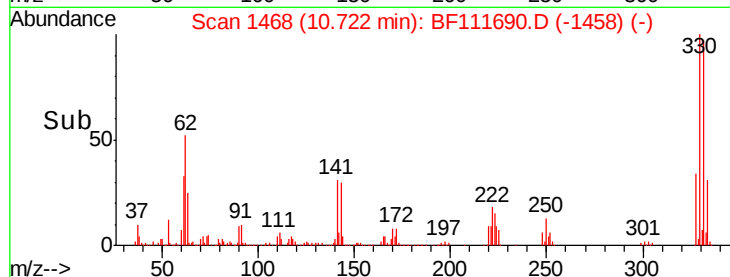
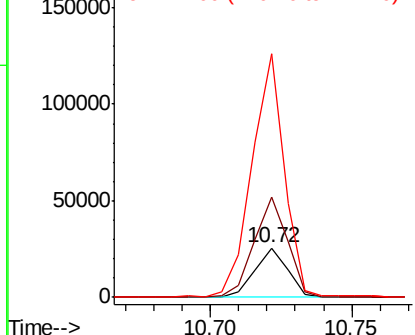
#67
4-Bromophenyl-phenylether
Concen: 3.371 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:248 Resp: 20590
Ion Ratio Lower Upper
248 100
250 204.3 77.0 115.4#
141 496.4 63.0 94.6#

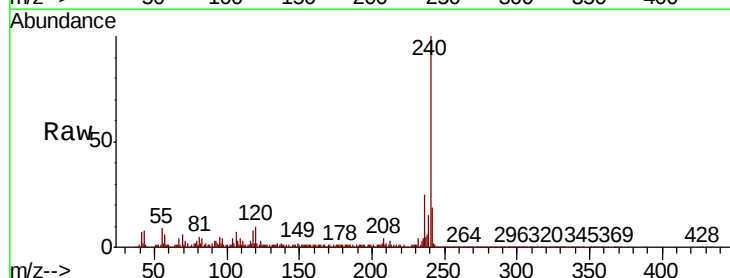


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

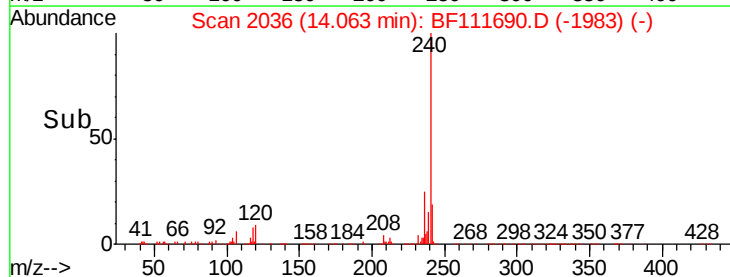
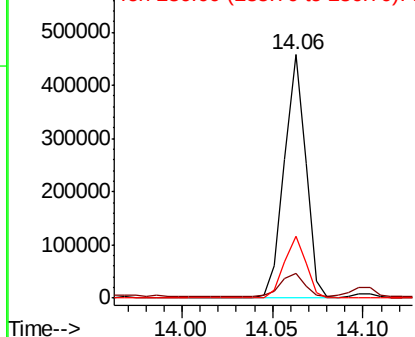


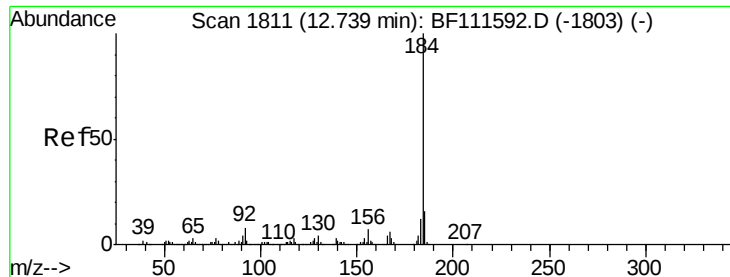
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Tgt Ion:240 Resp: 378997
Ion Ratio Lower Upper
240 100
120 10.2 12.2 18.2#
236 25.2 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





#77

Benzidine

Concen: 3.737 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF111690.D

Acq: 21 Dec 2018 16:33

Instrument :

BNA_F

ClientSampleId :

P001-SS025-0612-01

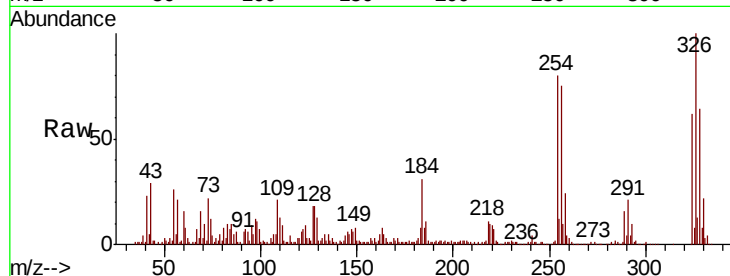
Tgt Ion:184 Resp: 53297

Ion Ratio Lower Upper

184 100

185 26.9 13.0 19.6#

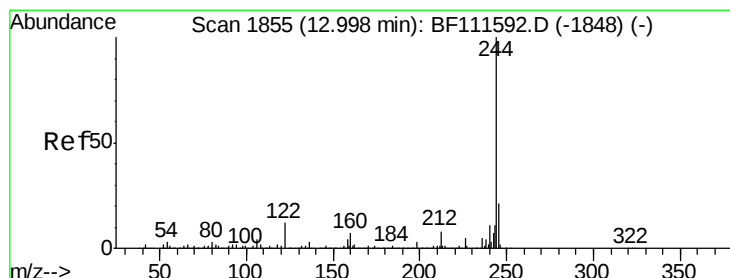
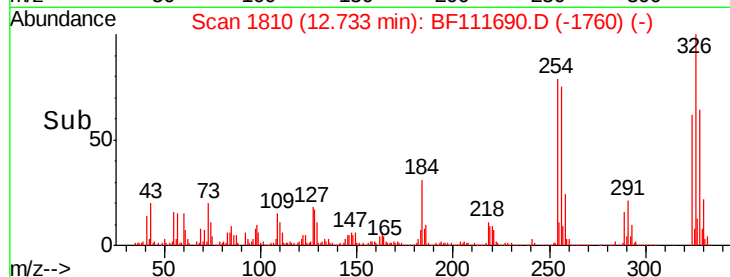
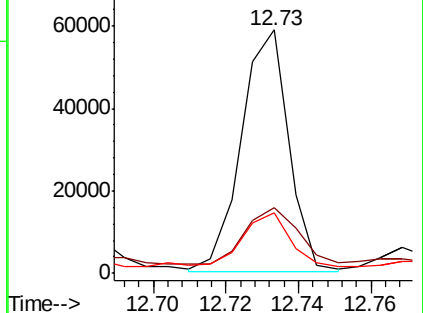
183 25.1 9.3 13.9#



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



#79

Terphenyl-d14

Concen: 64.922 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111690.D

Acq: 21 Dec 2018 16:33

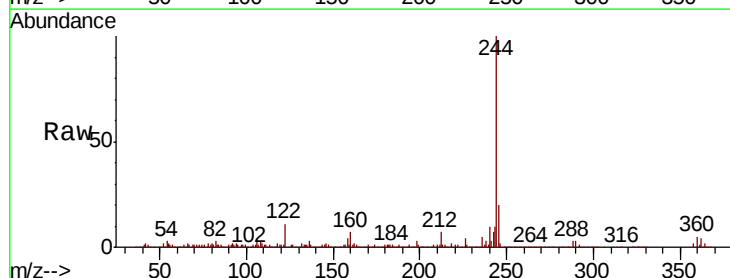
Tgt Ion:244 Resp: 1297469

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

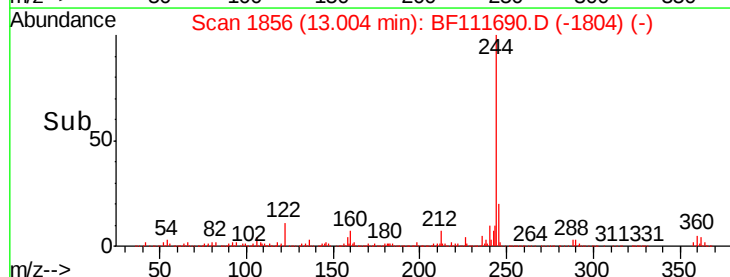
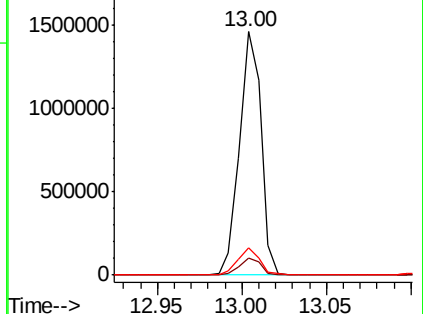
122 11.4 13.1 19.7#

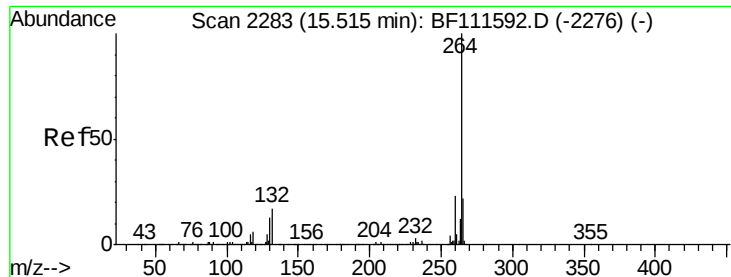


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111690.D
Acq: 21 Dec 2018 16:33

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.4	17.7	26.5

