

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111685.D
 Acq On : 21 Dec 2018 14:12
 Operator : JU/SJ
 Sample : J6346-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-6

Quant Time: Dec 21 22:33:12 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	204661	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	756964	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	349713	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	540931	20.00	ng	0.00
76) Chrysene-d12	14.05	240	466874	20.00	ng	0.00
87) Perylene-d12	15.53	264	362286	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1170906	97.52	ng	0.00
7) Phenol-d6	6.52	99	1528689	100.04	ng	0.00
23) Nitrobenzene-d5	7.45	82	957822	73.65	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	364925	88.31	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1615492	67.33	ng	0.00
79) Terphenyl-d14	13.00	244	1198992	48.70	ng	0.00

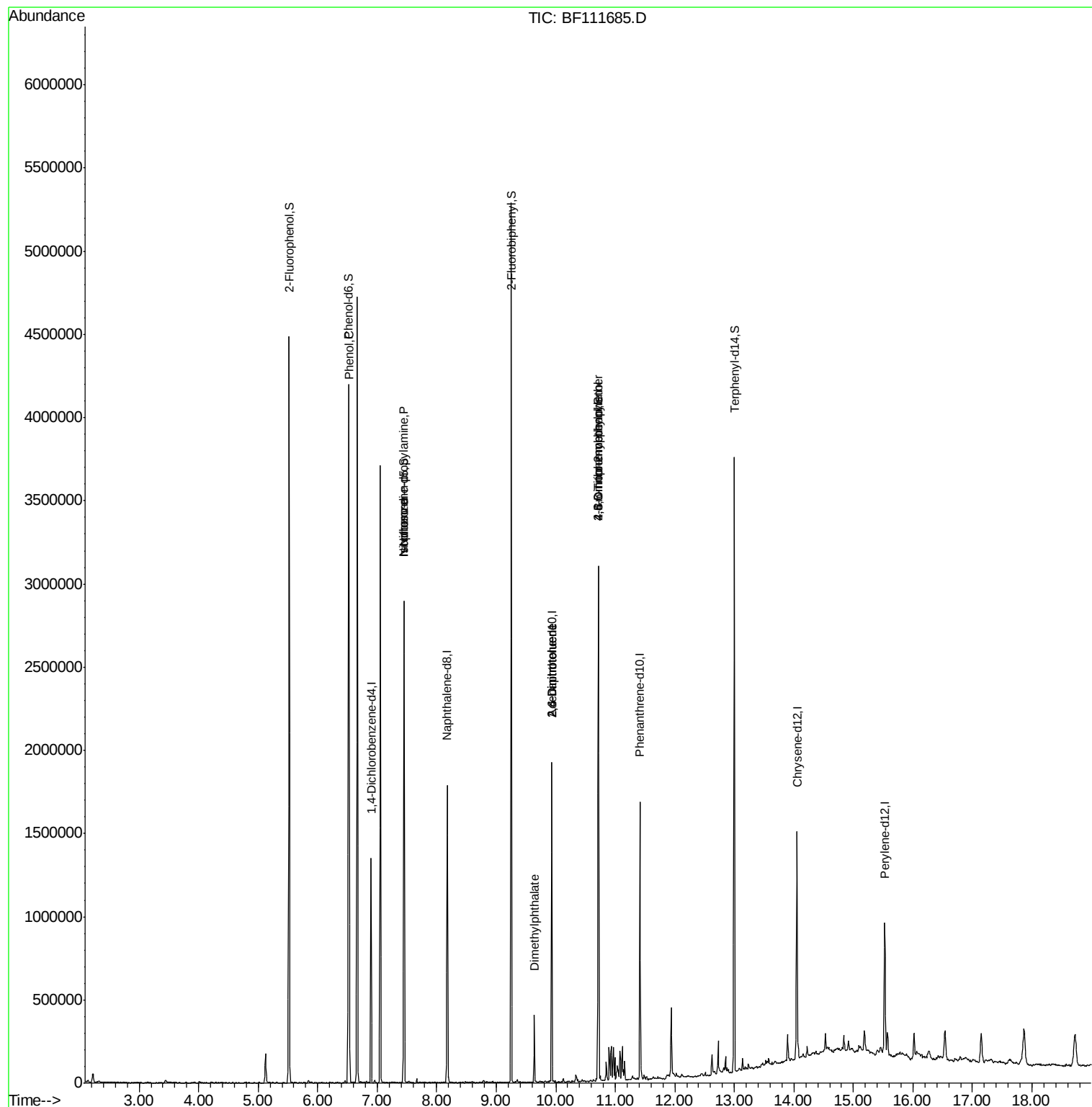
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	103802	6.021	ng	98
19) n-Nitroso-di-n-propylamine	7.45	70	130015	12.812	ng	# 79
25) Isophorone	7.45	82	957812	41.488	ng	# 64
50) Dimethylphthalate	9.64	163	137762	5.387	ng	98
51) 2,6-Dinitrotoluene	9.93	165	45637	8.950	ng	# 30
57) 2,4-Dinitrotoluene	9.93	165	45637	7.446	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	781	6.993	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	21438	3.195	ng	# 1

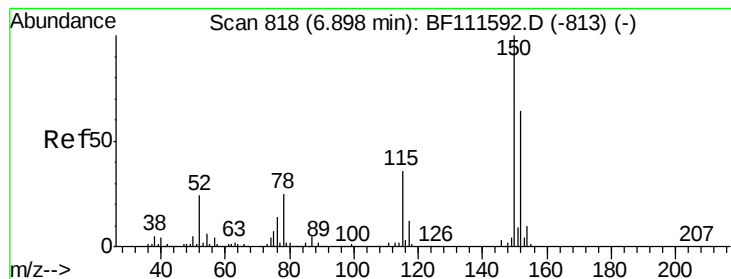
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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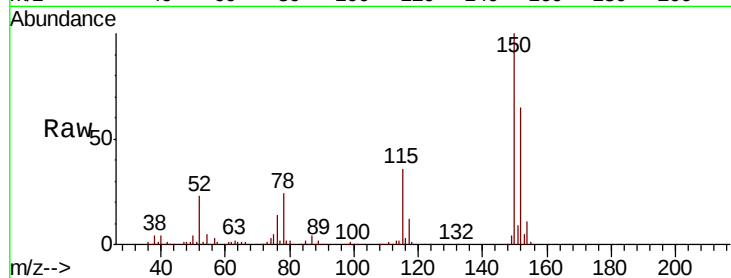


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111685.D
Acq: 21 Dec 2018 14:12

Instrument :
BNA_F
ClientSampleId :
DW-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	189.8
115	55.1	50.7	76.1

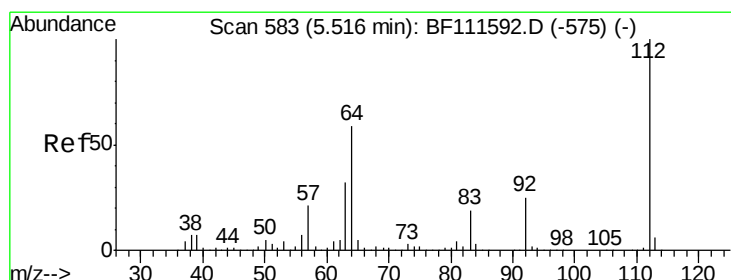
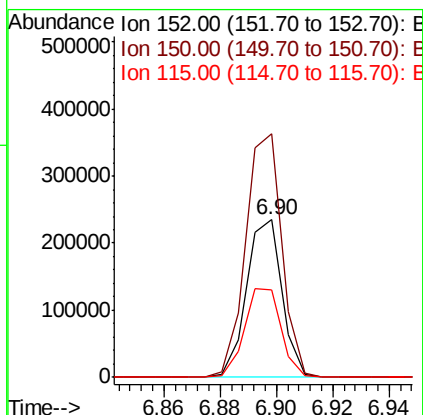
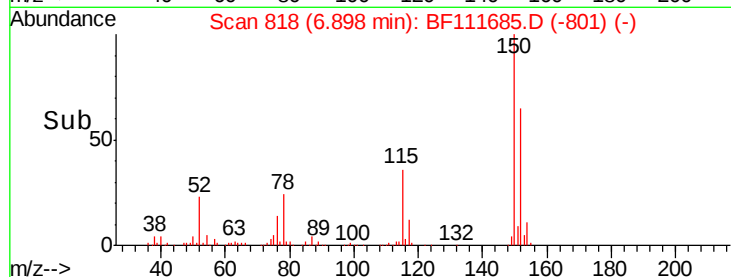


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

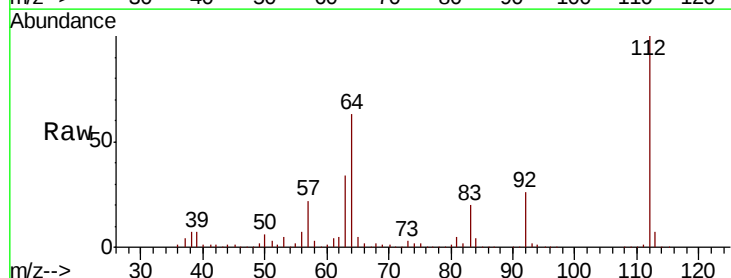
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.520 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111685.D
Acq: 21 Dec 2018 14:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	51.8	77.6
63	34.4	26.8	40.2

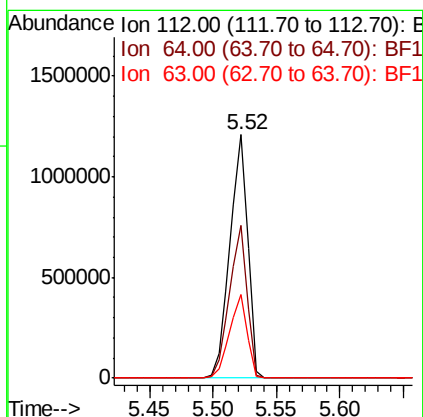
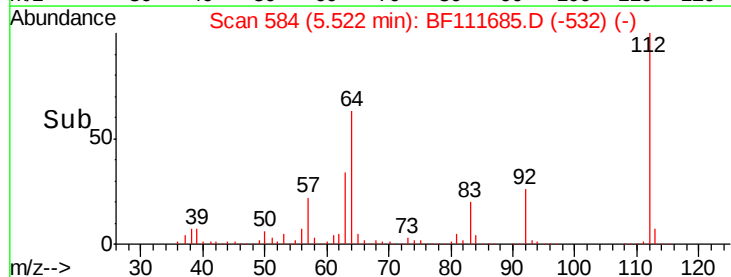


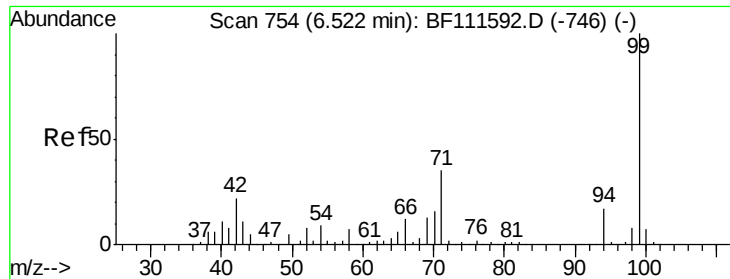
Abundance

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: 100.042 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111685.D

Acq: 21 Dec 2018 14:12

Instrument :

BNA_F

ClientSampleId :

DW-6

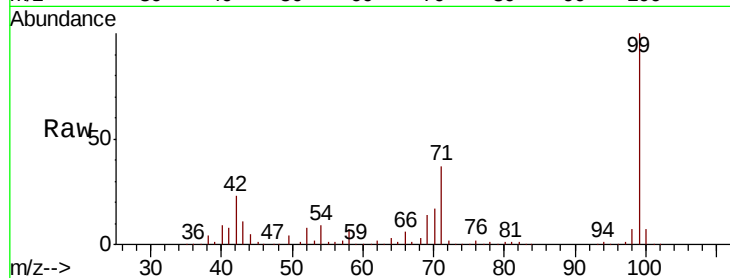
Tgt Ion: 99 Resp: 1528689

Ion Ratio Lower Upper

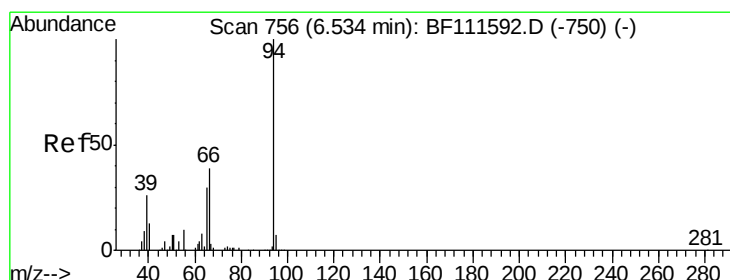
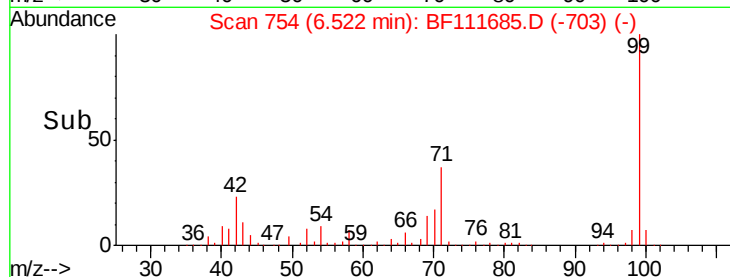
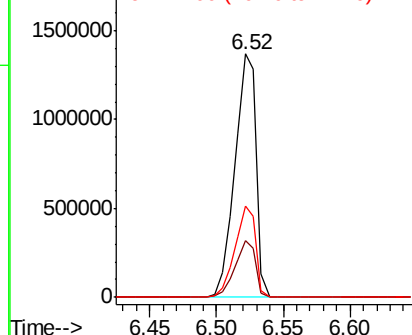
99 100

42 23.4 17.4 26.0

71 37.4 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: 6.021 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111685.D

Acq: 21 Dec 2018 14:12

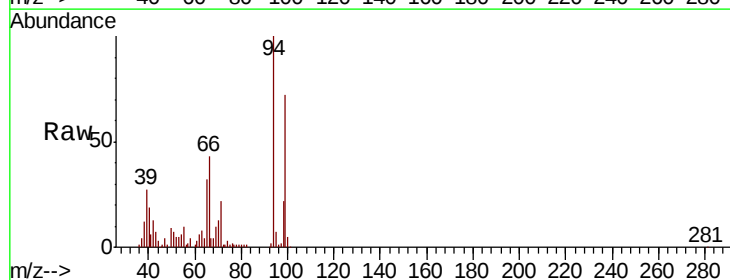
Tgt Ion: 94 Resp: 103802

Ion Ratio Lower Upper

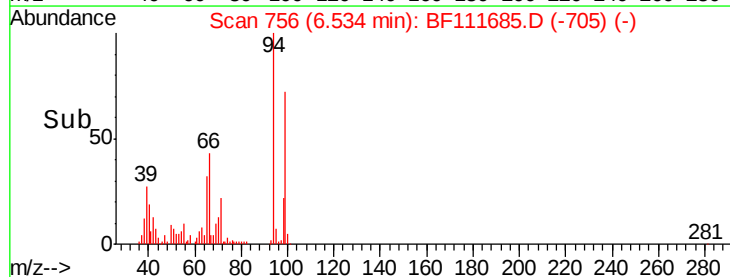
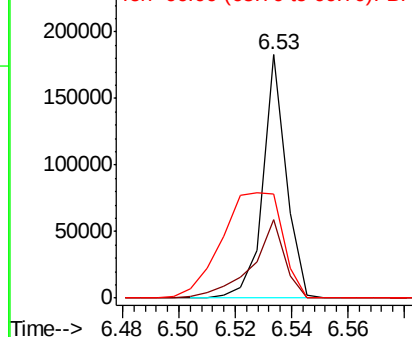
94 100

65 32.0 11.7 51.7

66 42.9 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

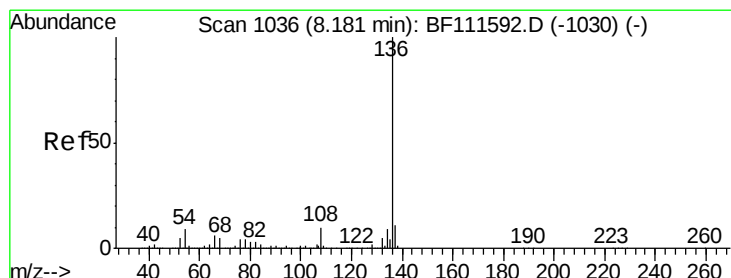
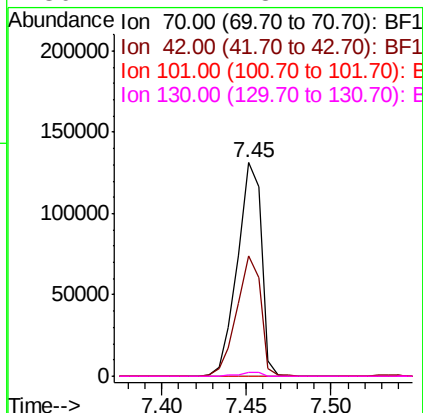
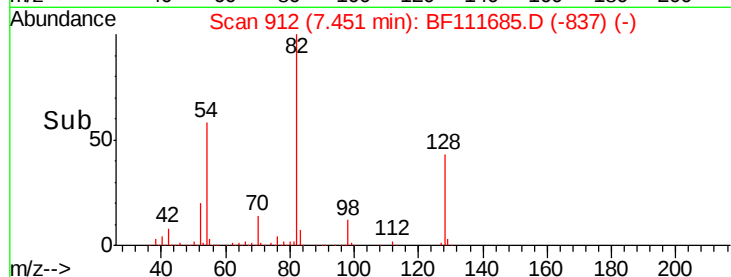
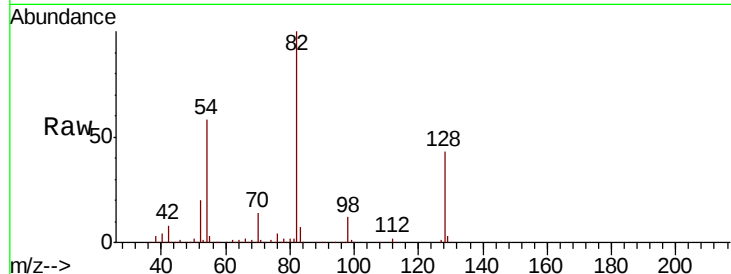




#19
n-Nitroso-di-n-propylamine
Concen: 12.812 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111685.D
Acq: 21 Dec 2018 14:12

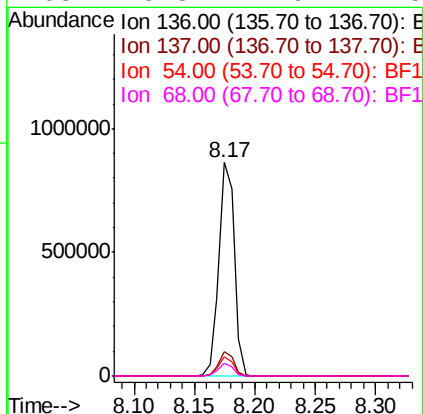
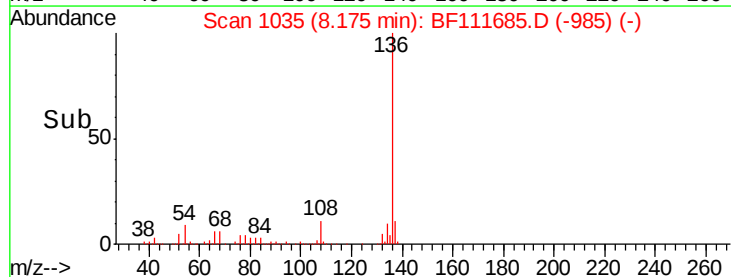
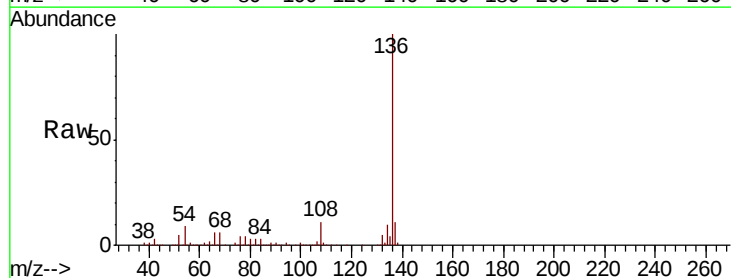
Instrument :
BNA_F
ClientSampleId :
DW-6

Tgt Ion: 70 Resp: 130015
Ion Ratio Lower Upper
70 100
42 56.2 53.2 79.8
101 0.0 8.2 12.4#
130 2.1 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111685.D
Acq: 21 Dec 2018 14:12

Tgt Ion: 136 Resp: 756964
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.1 7.7 11.5
68 5.8 4.9 7.3

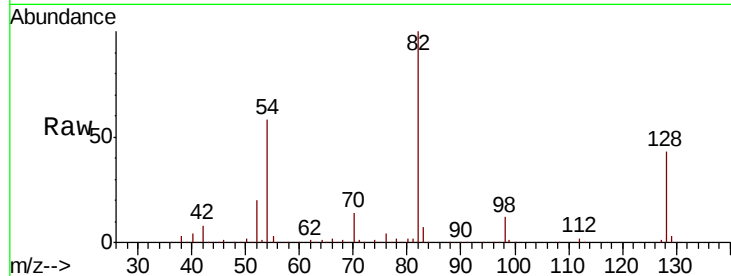




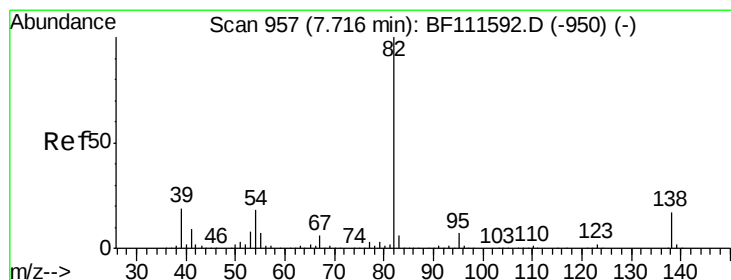
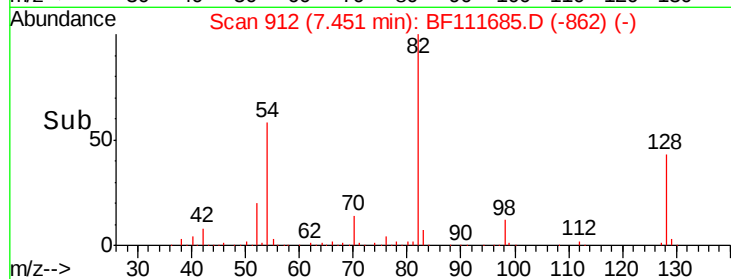
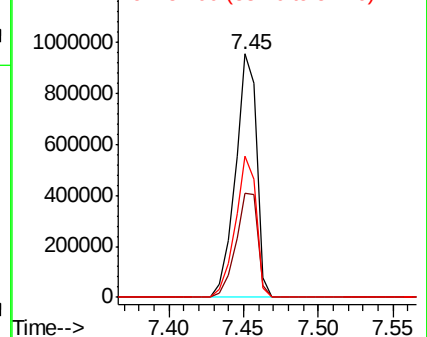
#23
 Nitrobenzene-d5
 Concen: 73.653 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111685.D
 Acq: 21 Dec 2018 14:12

Instrument :
 BNA_F
 ClientSampleID :
 DW-6

Tgt Ion: 82 Resp: 957822
 Ion Ratio Lower Upper
 82 100
 128 43.0 37.4 56.2
 54 57.9 47.6 71.4

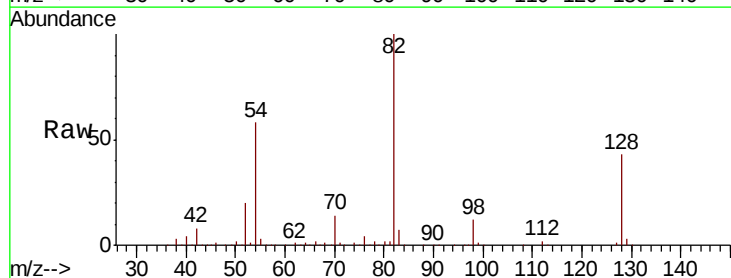


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

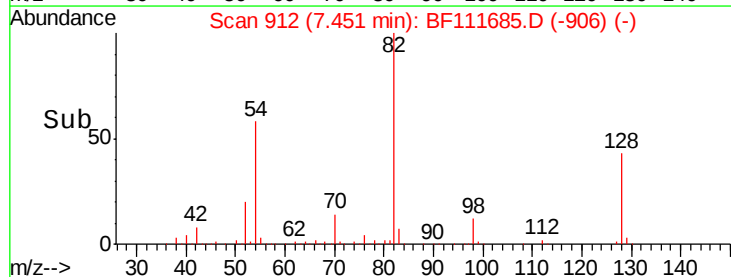
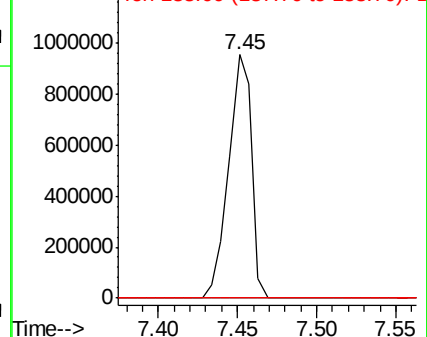


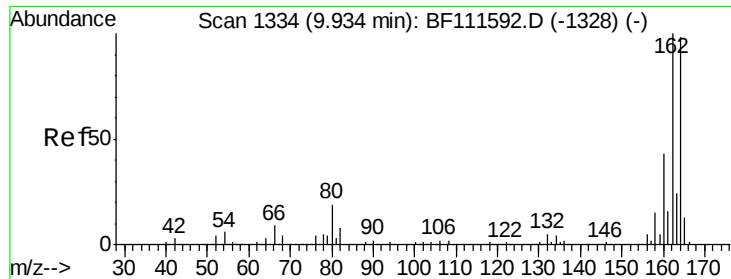
#25
 Isophorone
 Concen: 41.488 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.26 min
 Lab File: BF111685.D
 Acq: 21 Dec 2018 14:12

Tgt Ion: 82 Resp: 957812
 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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111685.D

Acq: 21 Dec 2018 14:12

Instrument :

BNA_F

ClientSampleId :

DW-6

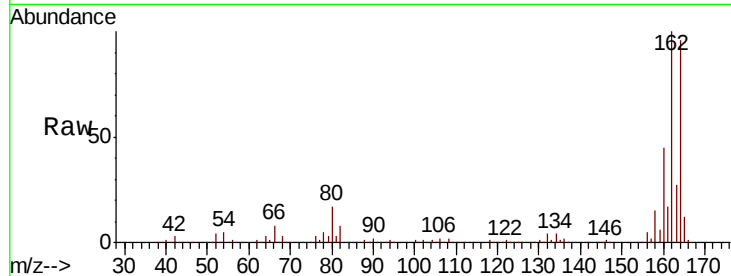
Tgt Ion:164 Resp: 349713

Ion Ratio Lower Upper

164 100

162 103.7 81.4 122.0

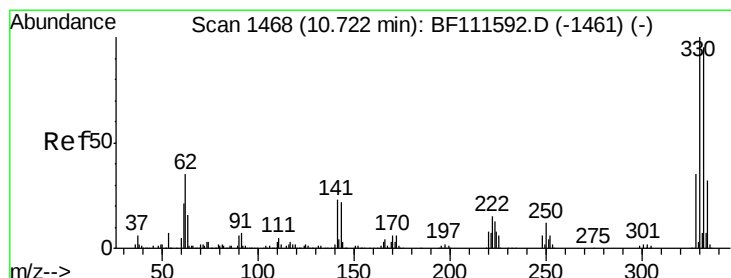
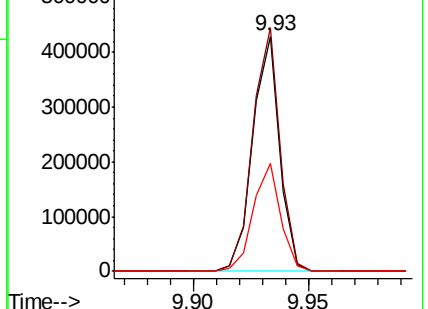
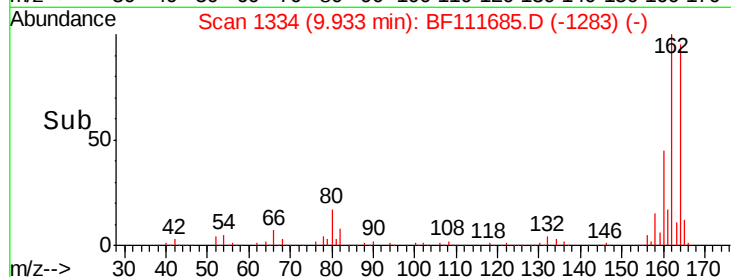
160 46.3 35.7 53.5



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: 88.314 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111685.D

Acq: 21 Dec 2018 14:12

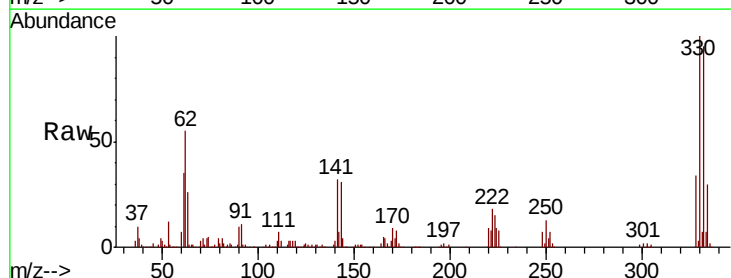
Tgt Ion:330 Resp: 364925

Ion Ratio Lower Upper

330 100

332 95.2 76.0 114.0

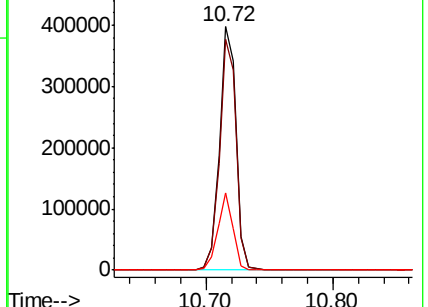
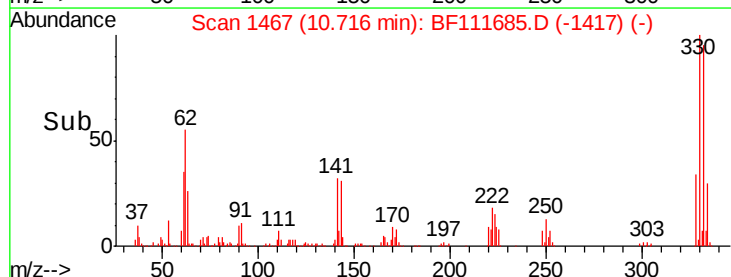
141 29.4 31.0 46.6#

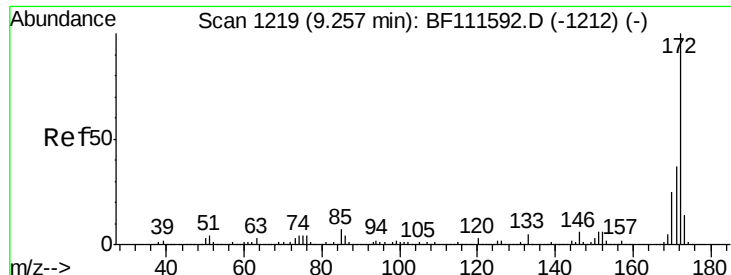


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

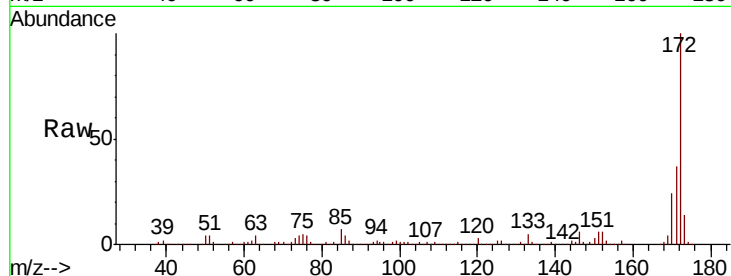




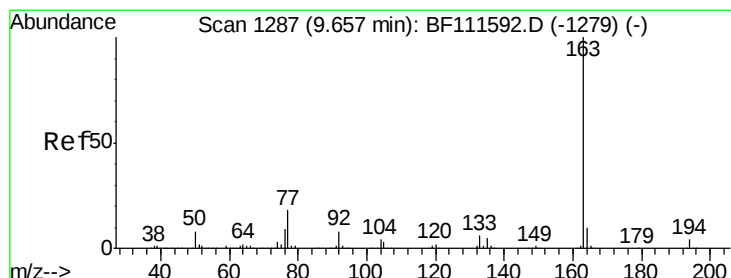
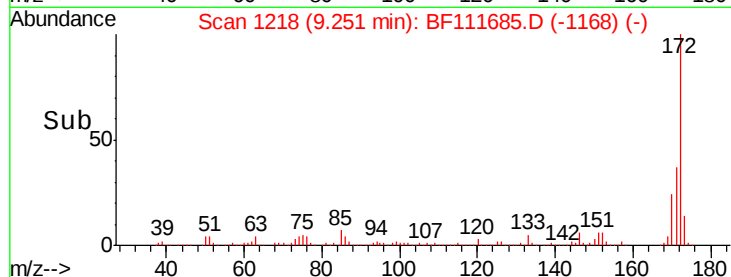
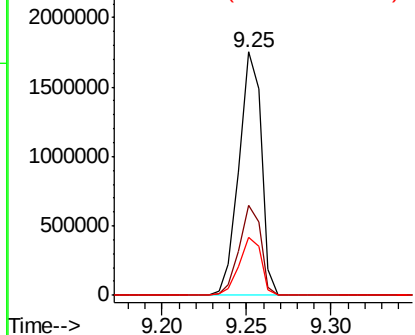
#45
2-Fluorobiphenyl
Concen: 67.332 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111685.D
Acq: 21 Dec 2018 14:12

Instrument :
BNA_F
ClientSampleId :
DW-6

Tgt Ion:172 Resp: 1615492
Ion Ratio Lower Upper
172 100
171 37.1 33.0 49.4
170 24.0 22.3 33.5

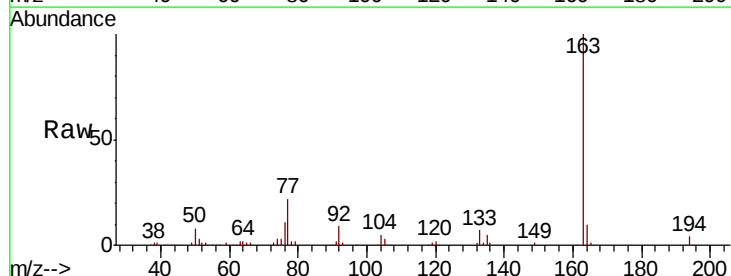


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

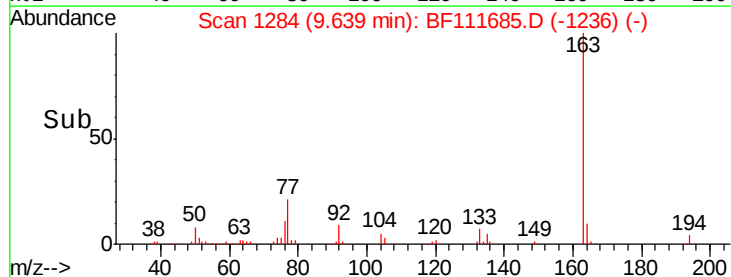
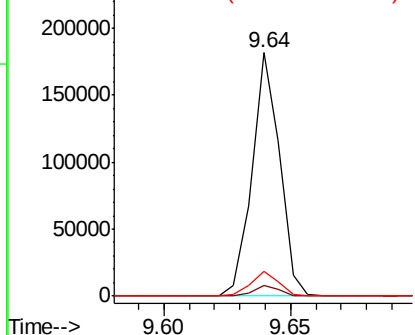


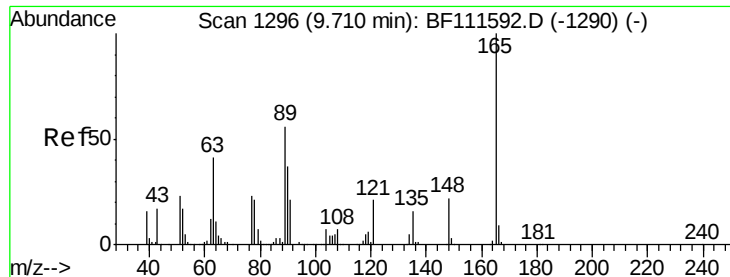
#50
Dimethylphthalate
Concen: 5.387 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111685.D
Acq: 21 Dec 2018 14:12

Tgt Ion:163 Resp: 137762
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.2 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

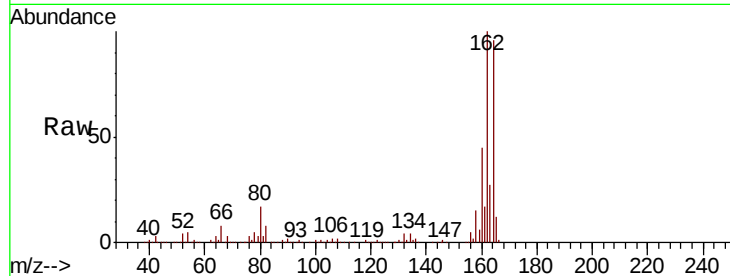




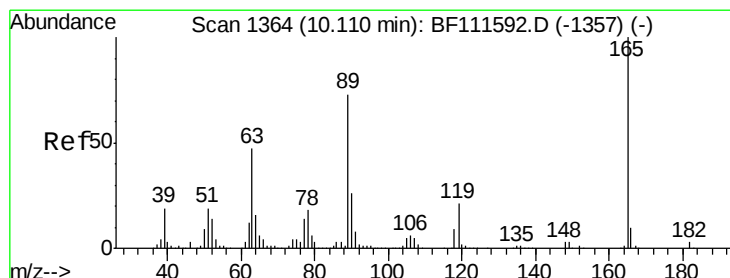
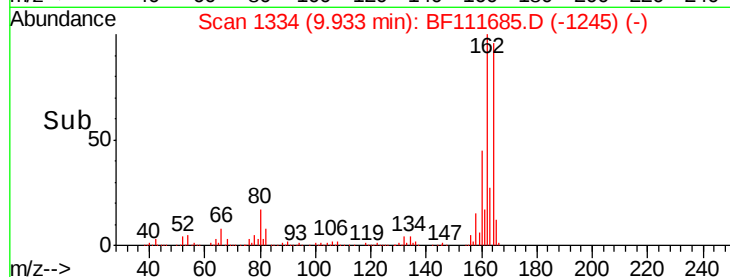
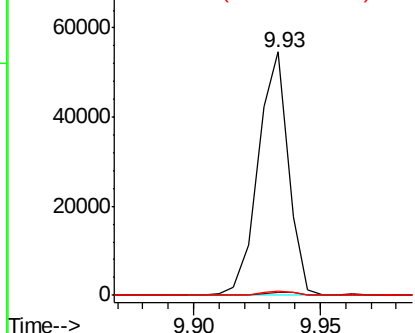
#51
 2,6-Dinitrotoluene
 Concen: 8.950 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.22 min
 Lab File: BF111685.D
 Acq: 21 Dec 2018 14:12

Instrument :
 BNA_F
 ClientSampleId :
 DW-6

Tgt Ion:165 Resp: 45637
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.5 60.7#
 89 2.0 40.0 60.0#



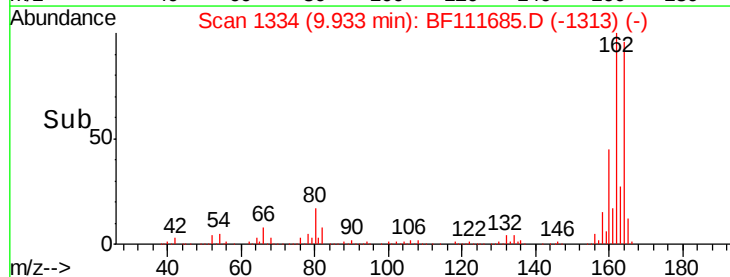
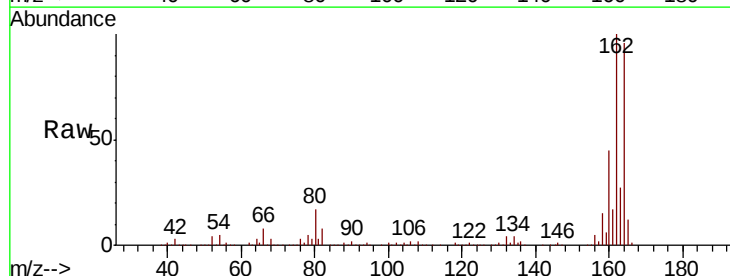
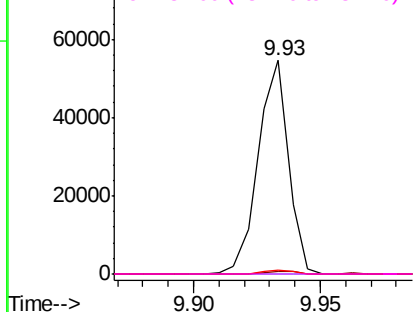
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

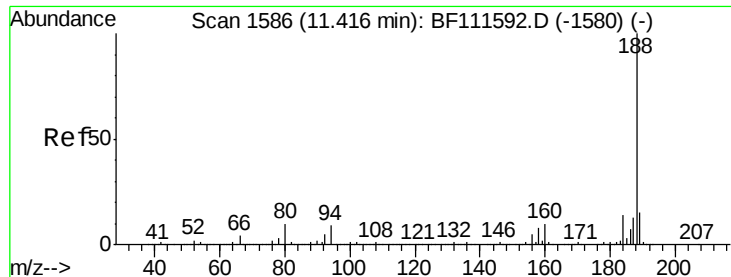


#57
 2,4-Dinitrotoluene
 Concen: 7.446 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF111685.D
 Acq: 21 Dec 2018 14:12

Tgt Ion:165 Resp: 45637
 Ion Ratio Lower Upper
 165 100
 63 1.4 34.6 52.0#
 89 2.0 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

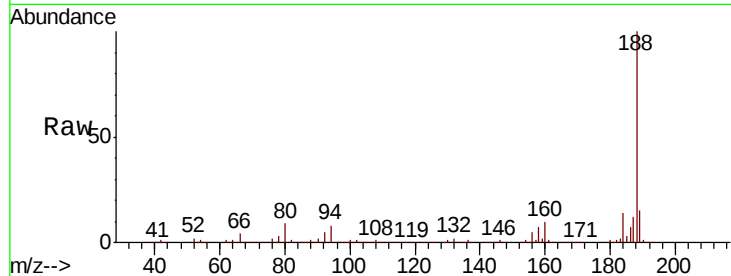




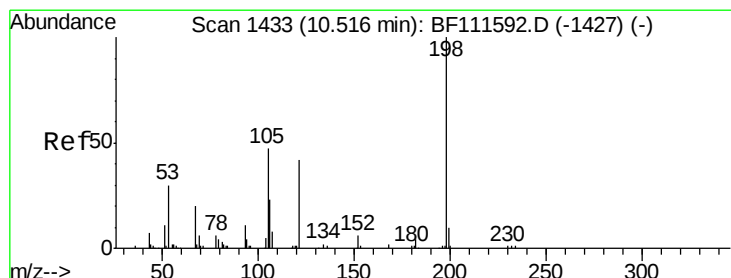
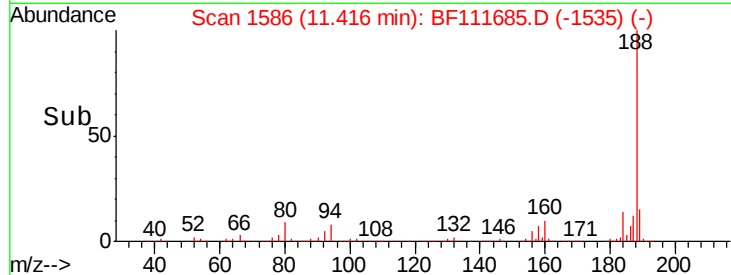
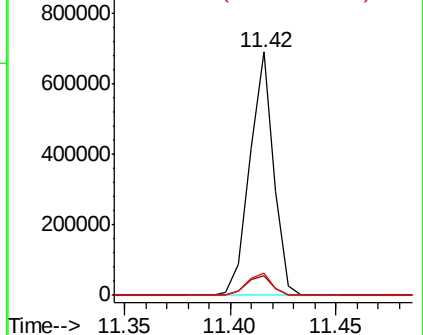
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111685.D
Acq: 21 Dec 2018 14:12

Instrument :
BNA_F
ClientSampleId :
DW-6

Tgt Ion:188 Resp: 540931
Ion Ratio Lower Upper
188 100
94 8.3 9.6 14.4#
80 9.2 9.8 14.6#

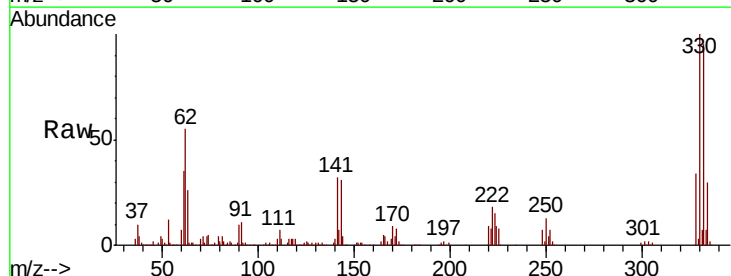


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

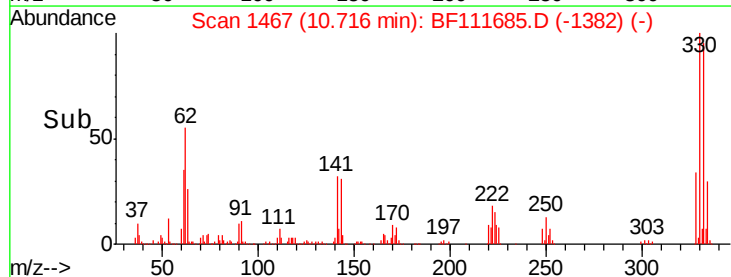
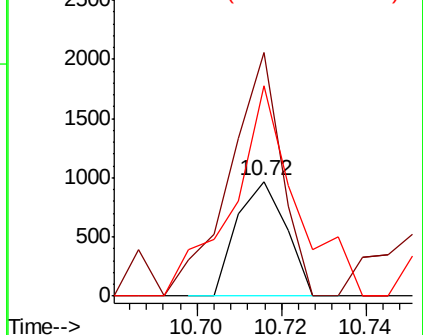


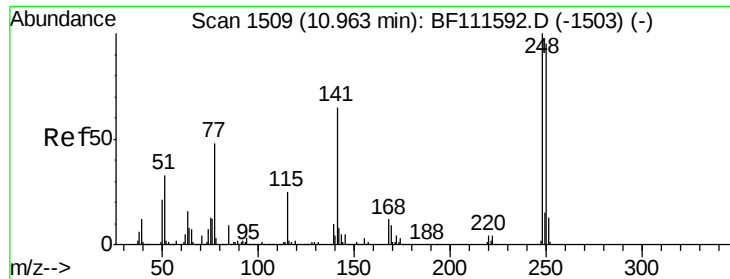
#65
4,6-Dinitro-2-methylphenol
Concen: 6.993 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111685.D
Acq: 21 Dec 2018 14:12

Tgt Ion:198 Resp: 781
Ion Ratio Lower Upper
198 100
51 212.9 48.0 88.0#
105 183.6 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

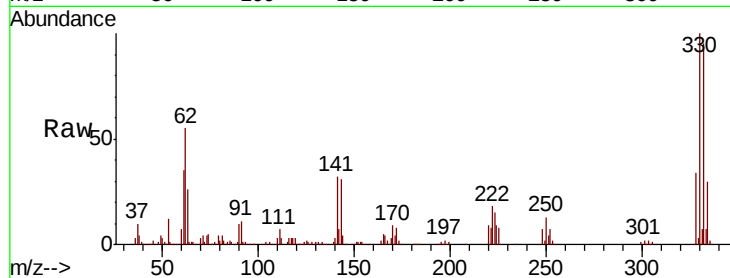




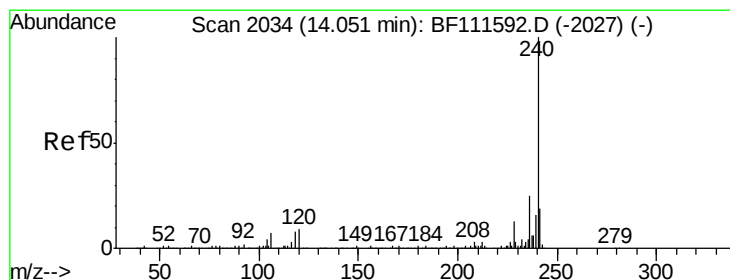
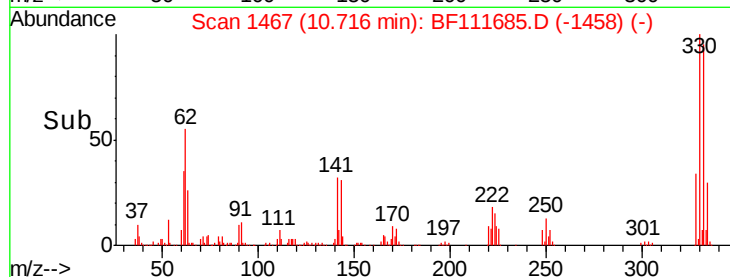
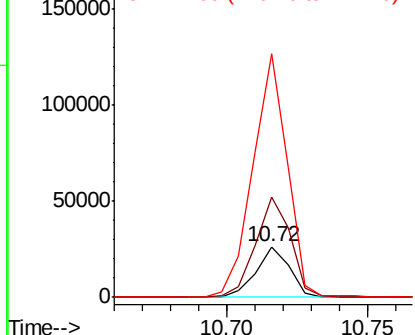
#67
4-Bromophenyl-phenylether
Concen: 3.195 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111685.D
Acq: 21 Dec 2018 14:12

Instrument :
BNA_F
ClientSampleId :
DW-6

Tgt Ion:248 Resp: 21438
Ion Ratio Lower Upper
248 100
250 198.1 77.0 115.4#
141 482.3 63.0 94.6#

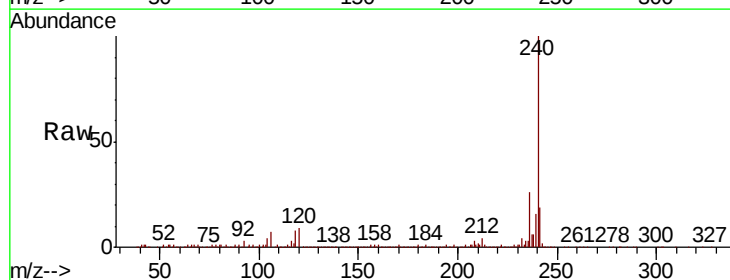


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

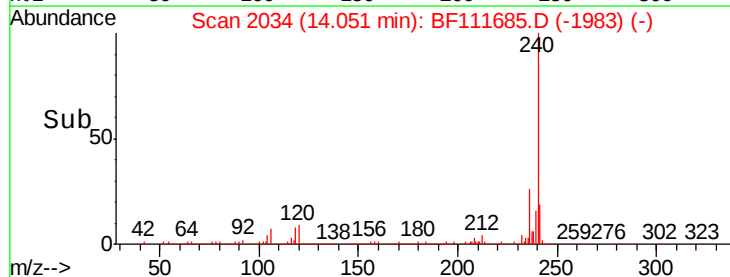
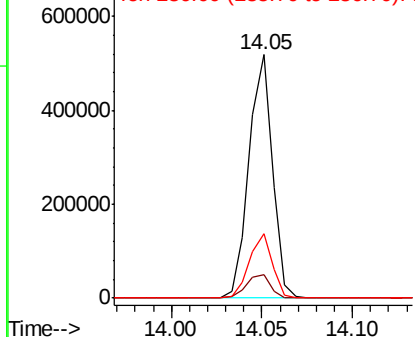


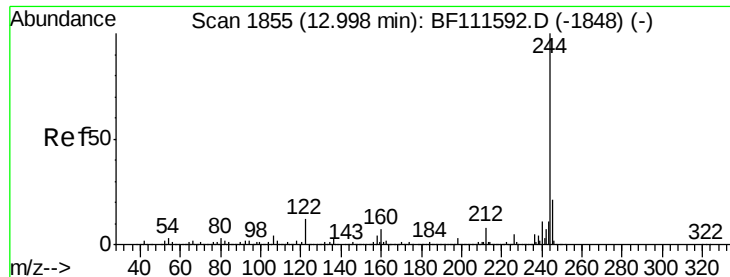
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF111685.D
Acq: 21 Dec 2018 14:12

Tgt Ion:240 Resp: 466874
Ion Ratio Lower Upper
240 100
120 9.4 12.2 18.2#
236 26.3 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: 48.702 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111685.D

Acq: 21 Dec 2018 14:12

Instrument :

BNA_F

ClientSampleId :

DW-6

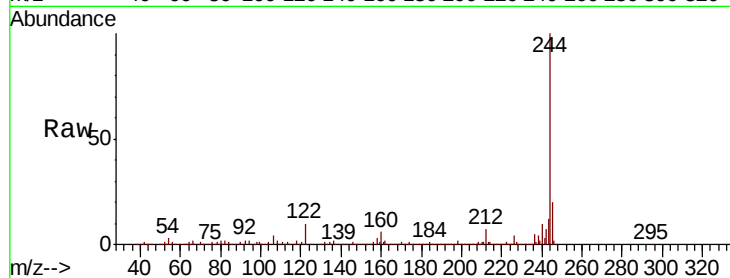
Tgt Ion:244 Resp: 1198992

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

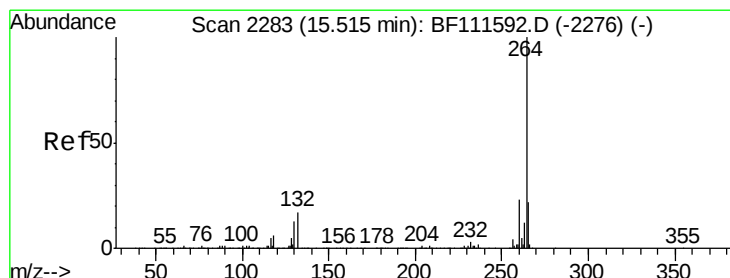
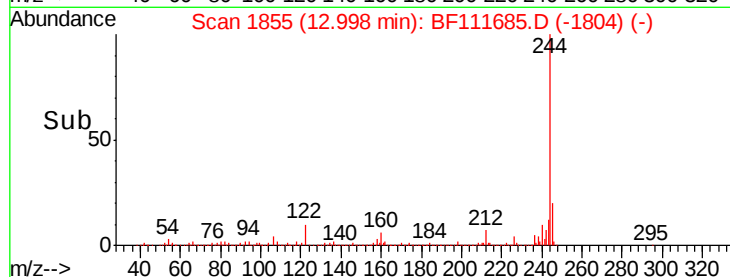
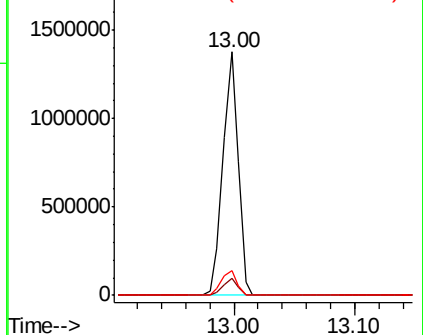
122 10.2 13.1 19.7#



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: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF111685.D

Acq: 21 Dec 2018 14:12

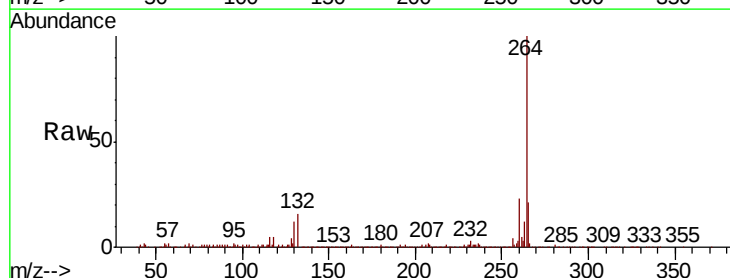
Tgt Ion:264 Resp: 362286

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

