

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111657.D
 Acq On : 20 Dec 2018 23:45
 Operator : JU/SJ
 Sample : J6447-02 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-0006-01

Quant Time: Dec 21 06:23:20 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	202983	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	742546	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	319342	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	479649	20.00	ng	0.00
76) Chrysene-d12	14.04	240	484882	20.00	ng	0.00
87) Perylene-d12	15.52	264	359971	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	251669	21.13	ng	0.00
7) Phenol-d6	6.51	99	317446	20.95	ng	-0.01
23) Nitrobenzene-d5	7.45	82	183400	14.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	52509	13.92	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	281465	12.85	ng	0.00
79) Terphenyl-d14	12.99	244	197218	7.71	ng	0.00

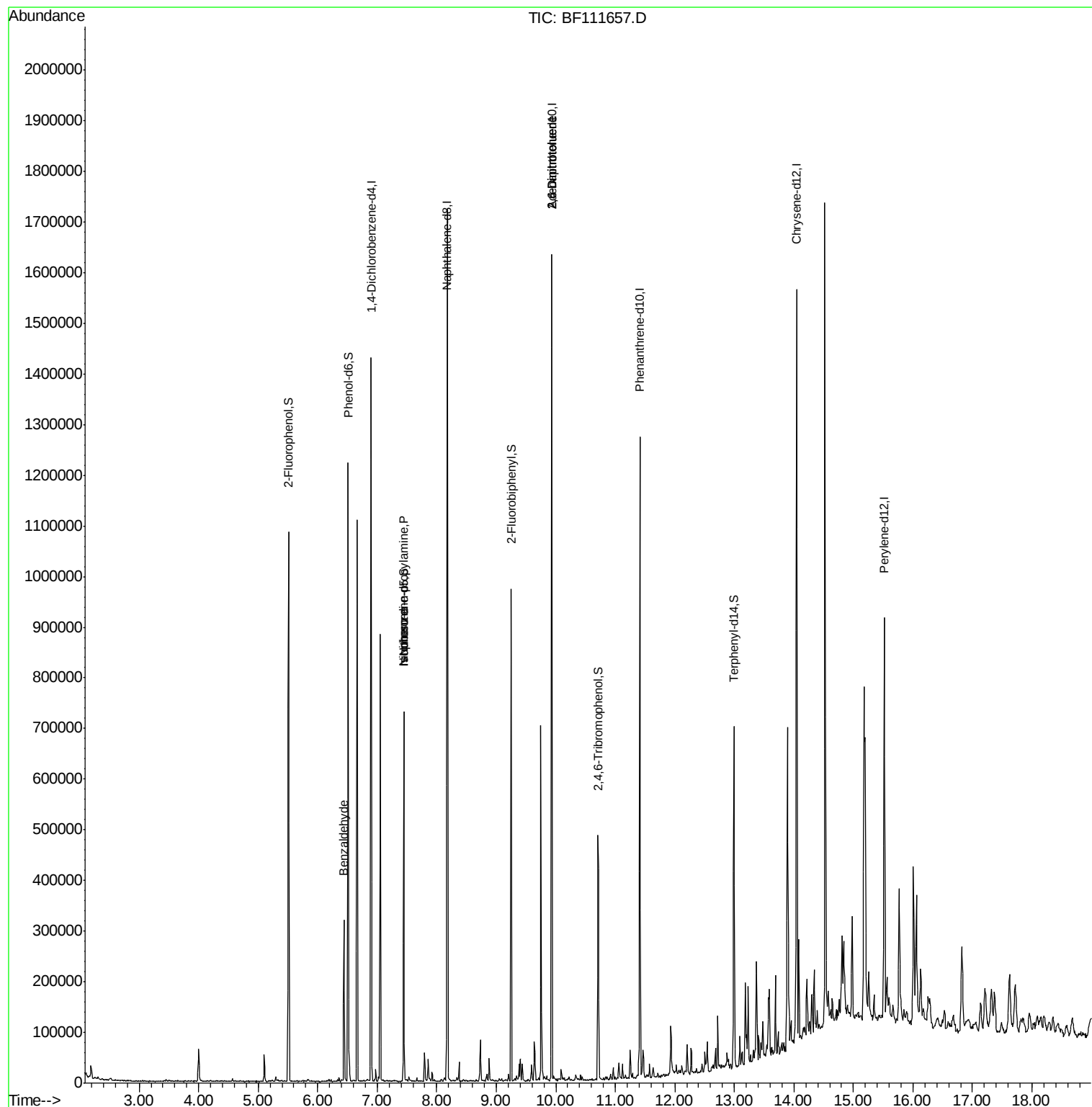
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	49830	4.781	ng	96
19) n-Nitroso-di-n-propylamine	7.45	70	23269	2.312	ng	# 79
25) Isophorone	7.45	82	183397	8.098	ng	# 64
51) 2,6-Dinitrotoluene	9.93	165	41463	8.904	ng	# 30
57) 2,4-Dinitrotoluene	9.93	165	41463	7.409	ng	# 25

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

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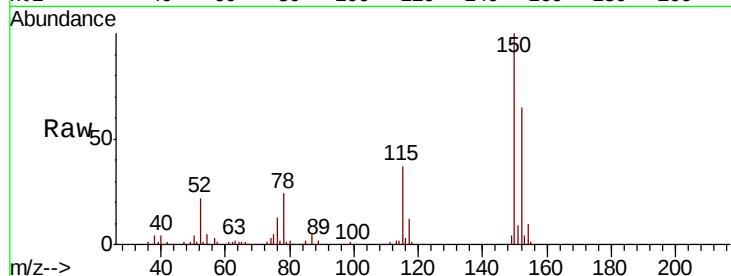


#1

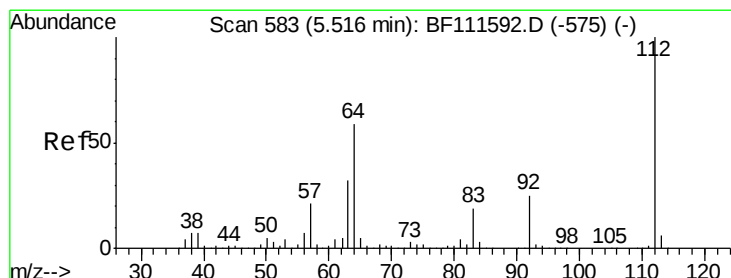
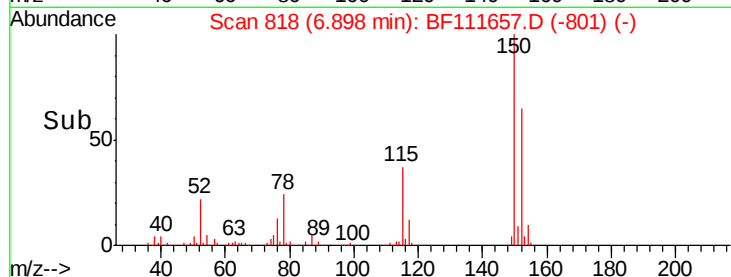
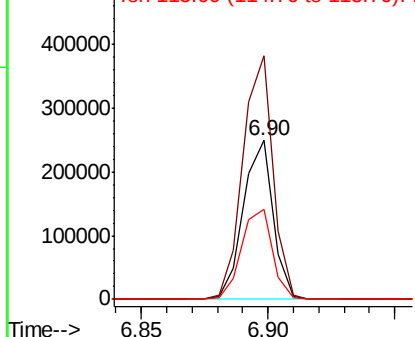
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

Tgt Ion:152 Resp: 202983
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 56.5 50.7 76.1



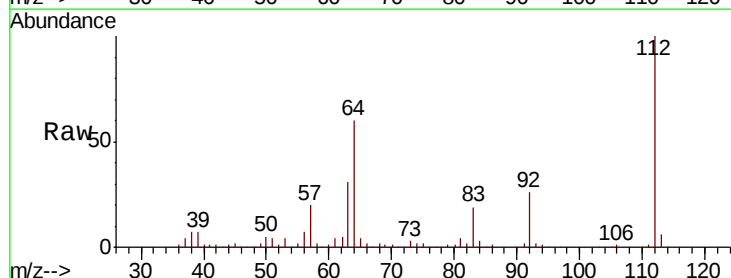
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



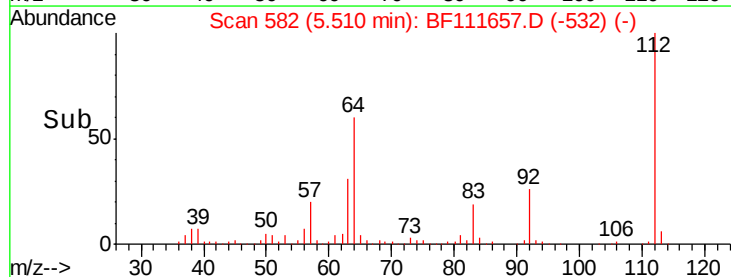
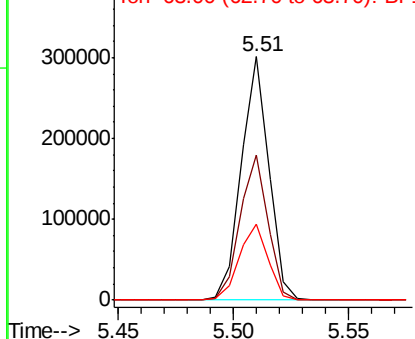
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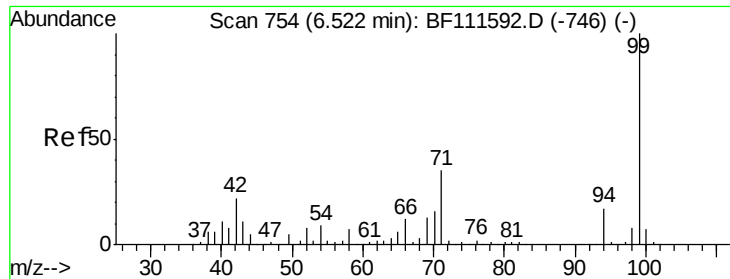
2-Fluorophenol
Concen: 21.134 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Tgt Ion:112 Resp: 251669
Ion Ratio Lower Upper
112 100
64 59.8 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: 20.946 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111657.D

Acq: 20 Dec 2018 23:45

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0006-01

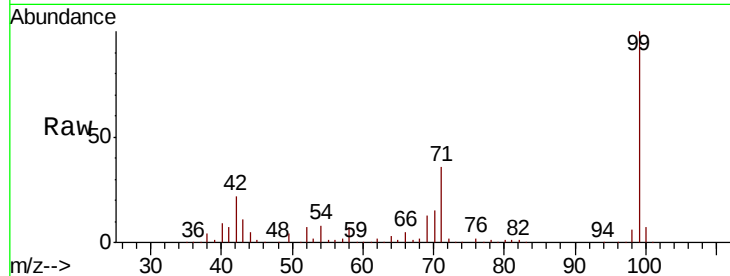
Tgt Ion: 99 Resp: 317446

Ion Ratio Lower Upper

99 100

42 21.8 17.4 26.0

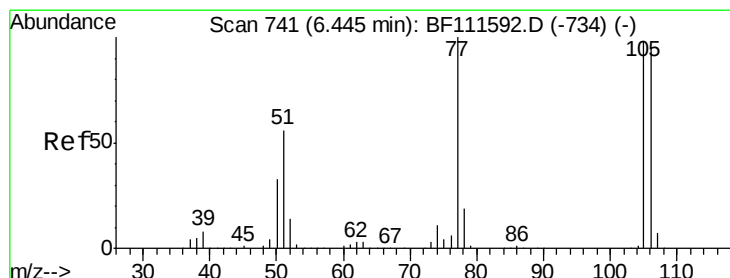
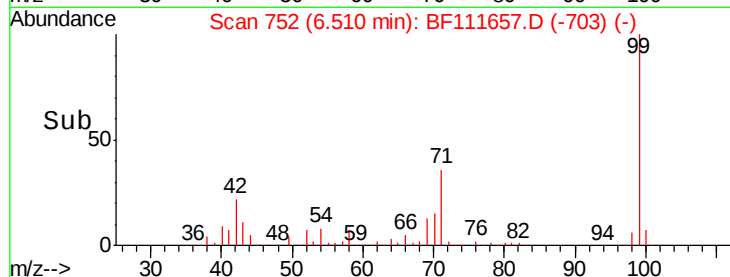
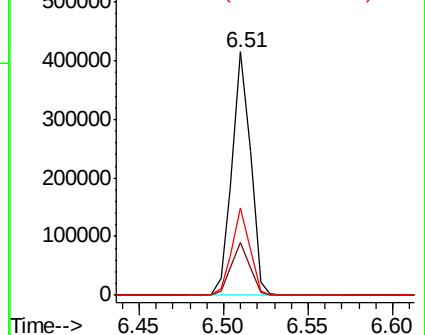
71 35.7 26.1 39.1



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



#9

Benzaldehyde

Concen: 4.781 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111657.D

Acq: 20 Dec 2018 23:45

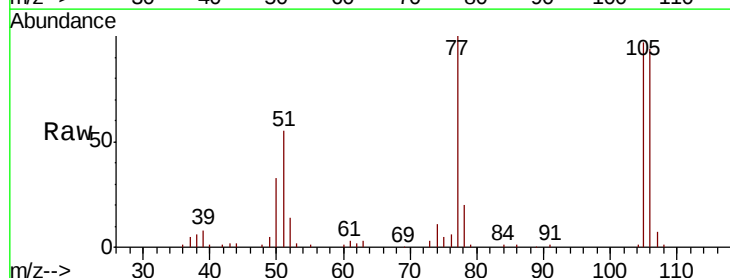
Tgt Ion: 77 Resp: 49830

Ion Ratio Lower Upper

77 100

105 97.1 81.4 121.4

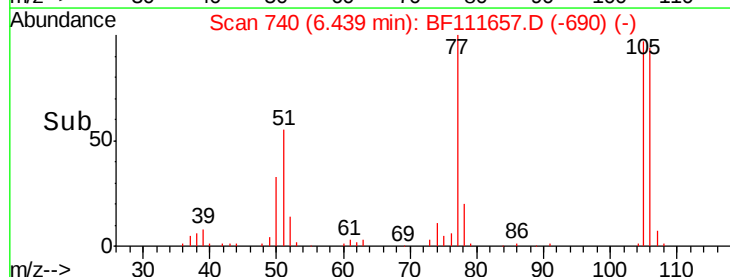
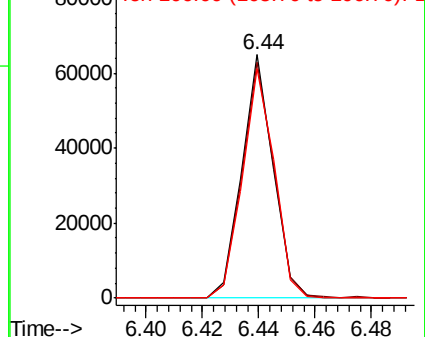
106 94.4 77.9 117.9

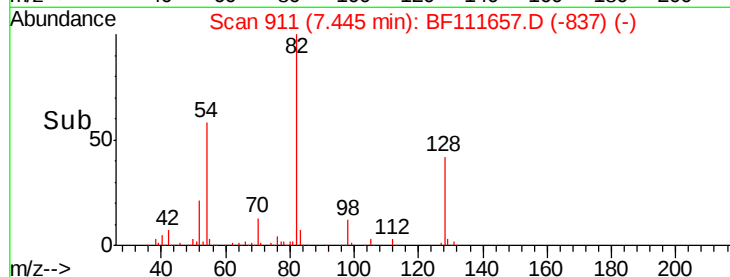
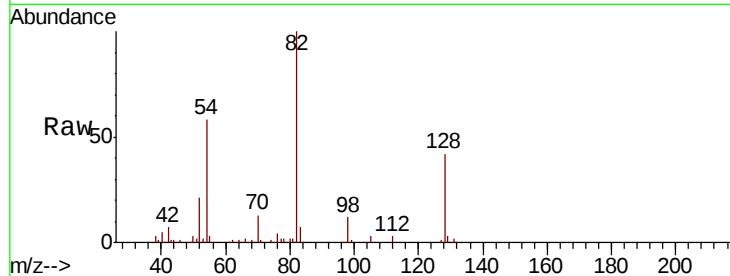
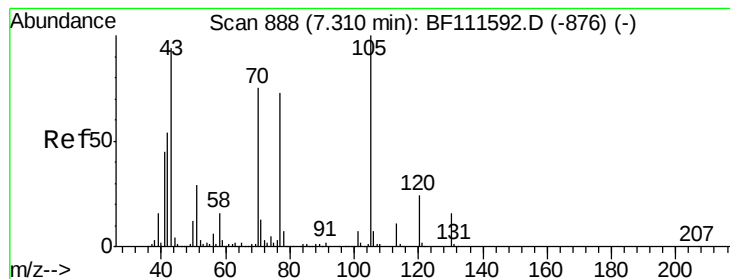


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 2.312 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF111657.D

Acq: 20 Dec 2018 23:45

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0006-01

Tgt Ion: 70 Resp: 23269

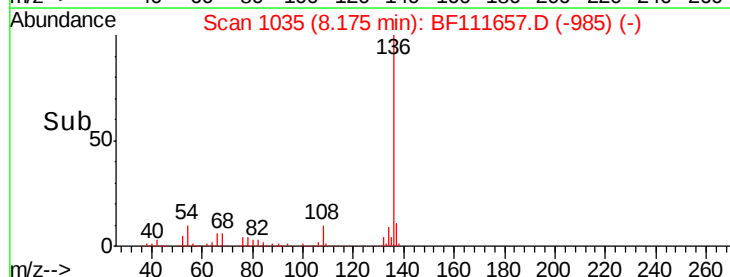
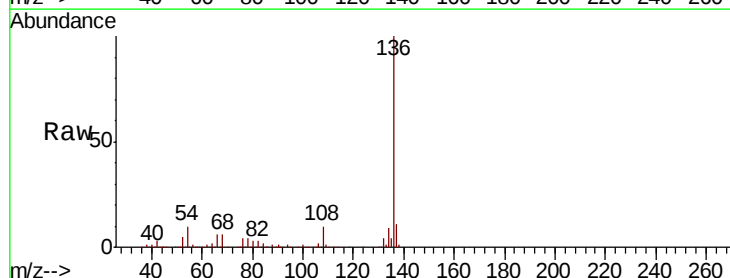
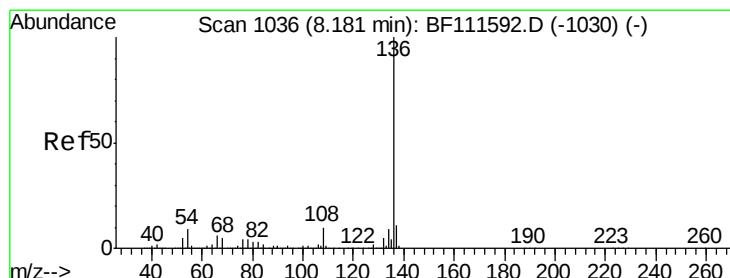
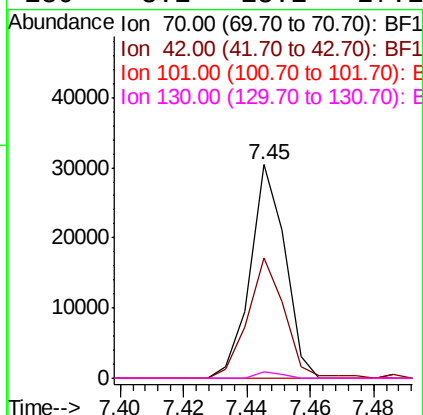
Ion Ratio Lower Upper

70 100

42 56.4 53.2 79.8

101 0.0 8.2 12.4#

130 3.1 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: BF111657.D

Acq: 20 Dec 2018 23:45

Tgt Ion:136 Resp: 742546

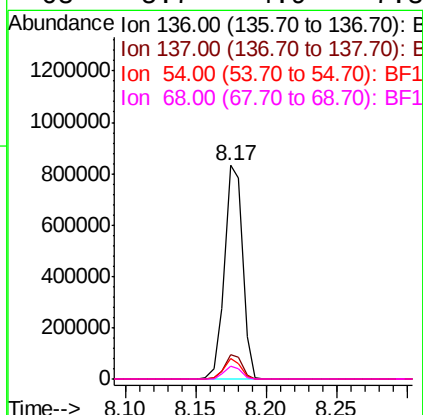
Ion Ratio Lower Upper

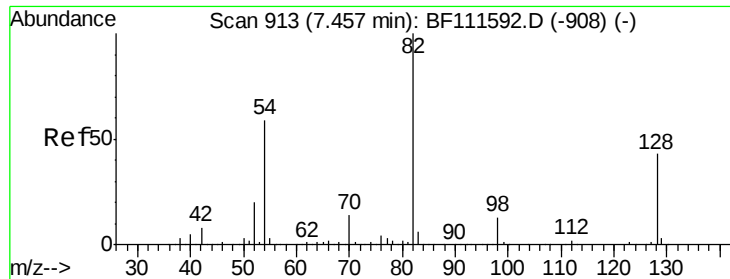
136 100

137 11.2 9.1 13.7

54 9.5 7.7 11.5

68 5.7 4.9 7.3

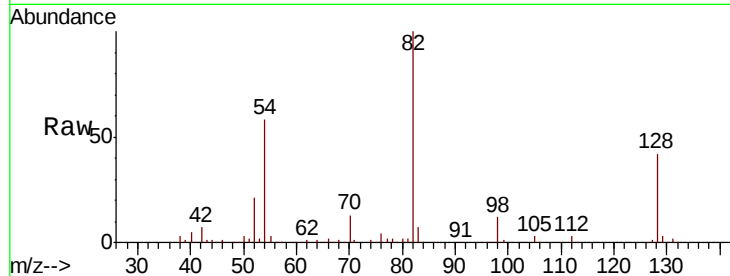




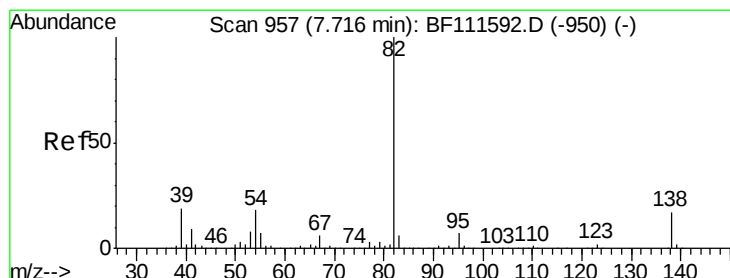
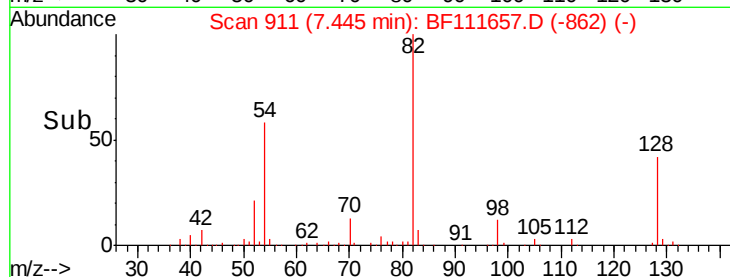
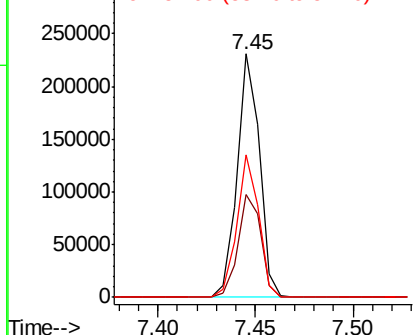
#23
 Nitrobenzene-d5
 Concen: 14.377 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF111657.D
 Acq: 20 Dec 2018 23:45

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-0006-01

Tgt Ion: 82 Resp: 183400
 Ion Ratio Lower Upper
 82 100
 128 42.1 37.4 56.2
 54 58.4 47.6 71.4

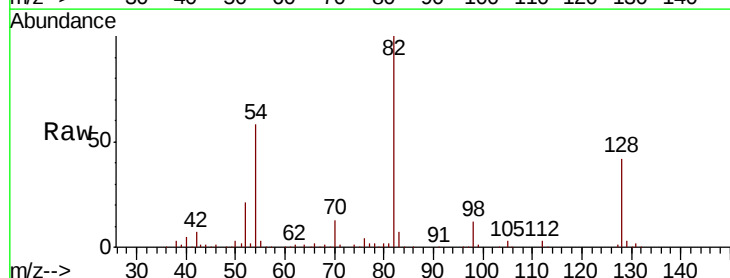


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

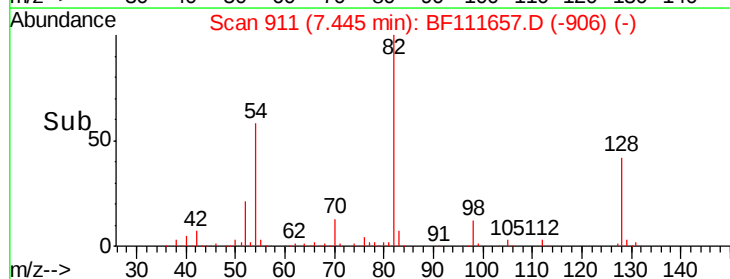
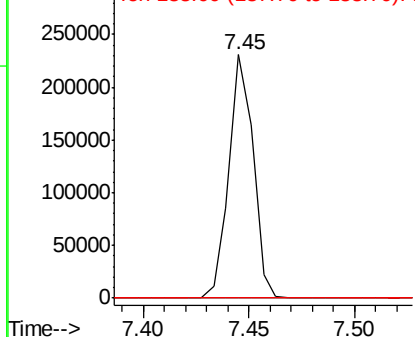


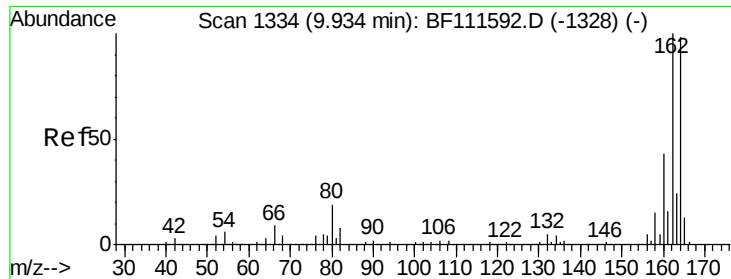
#25
 Isophorone
 Concen: 8.098 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.27 min
 Lab File: BF111657.D
 Acq: 20 Dec 2018 23:45

Tgt Ion: 82 Resp: 183397
 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: BF111657.D

Acq: 20 Dec 2018 23:45

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0006-01

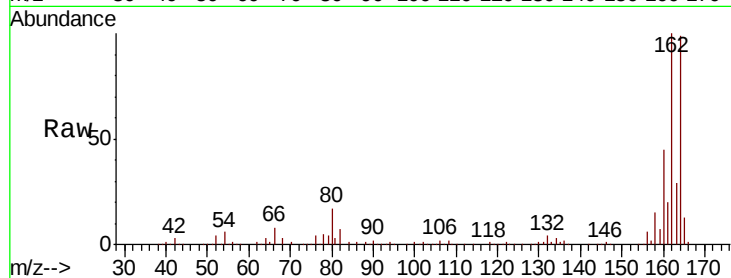
Tgt Ion:164 Resp: 319342

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

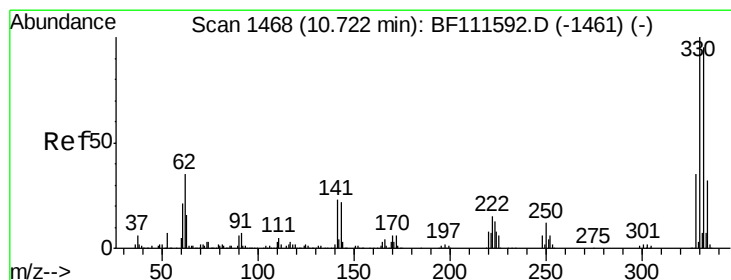
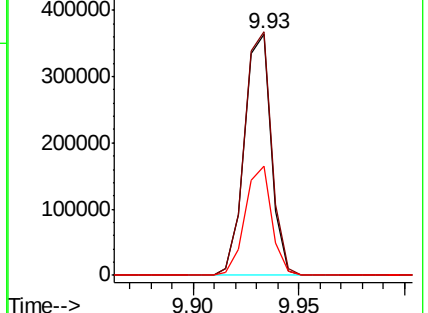
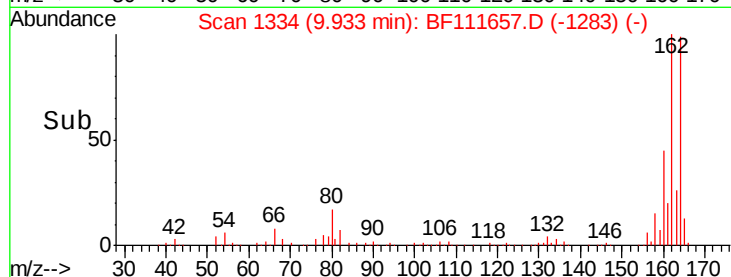
160 45.3 35.7 53.5



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: 13.916 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111657.D

Acq: 20 Dec 2018 23:45

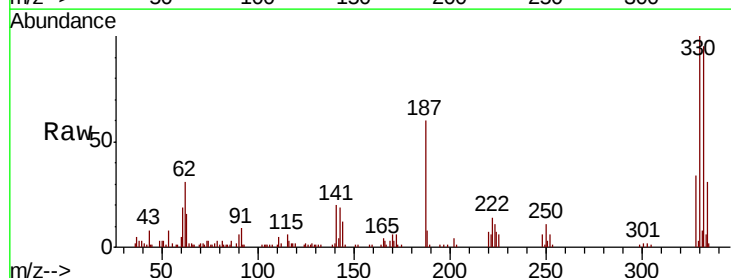
Tgt Ion:330 Resp: 52509

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

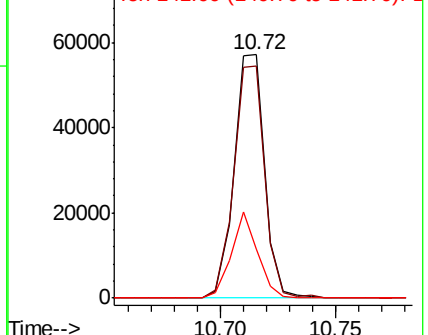
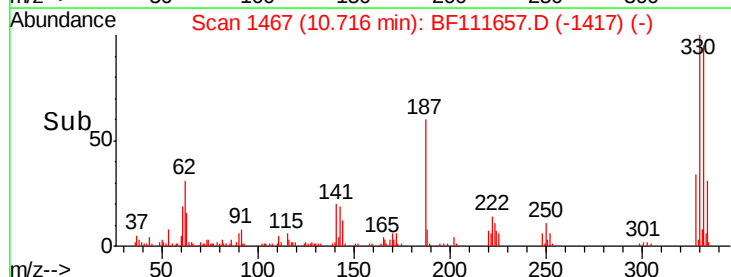
141 30.4 31.0 46.6#

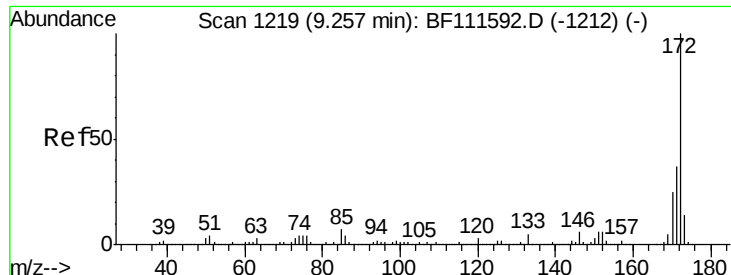


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

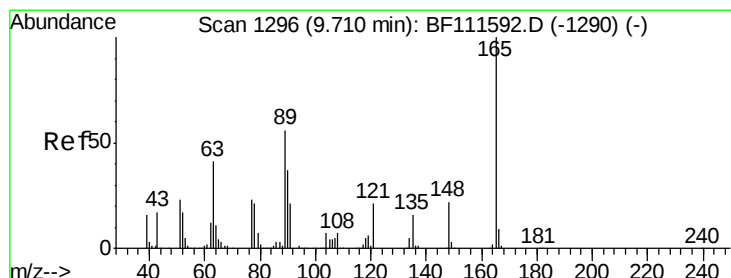
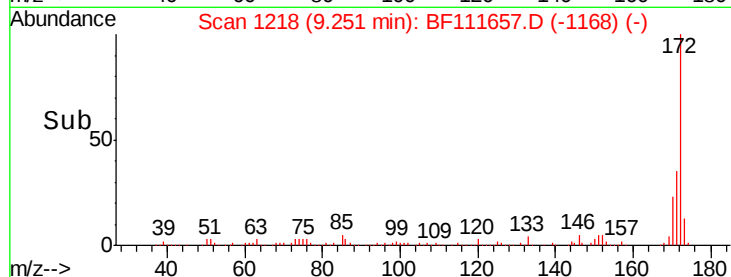
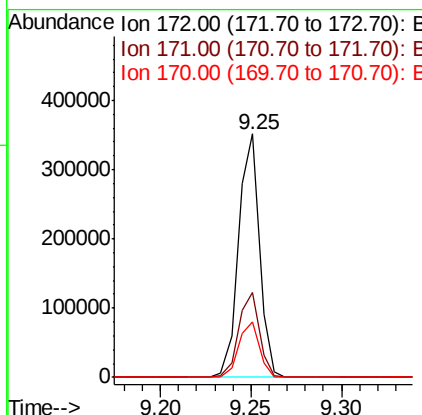
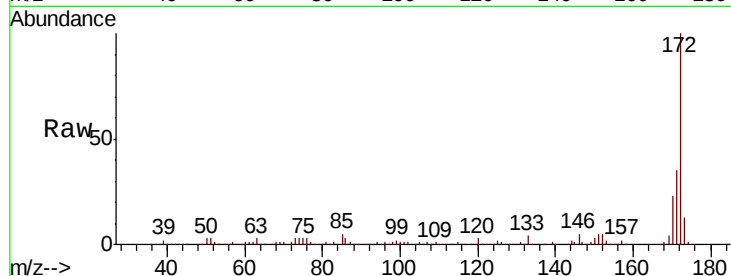




#45
 2-Fluorobiphenyl
 Concen: 12.847 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111657.D
 Acq: 20 Dec 2018 23:45

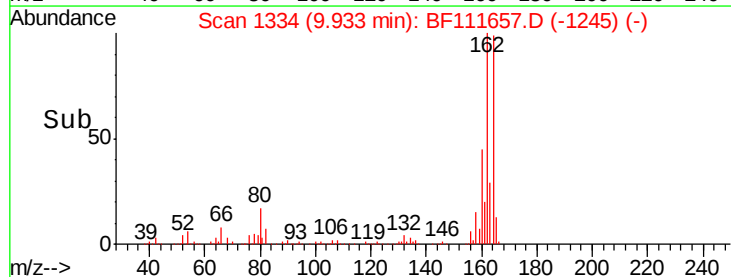
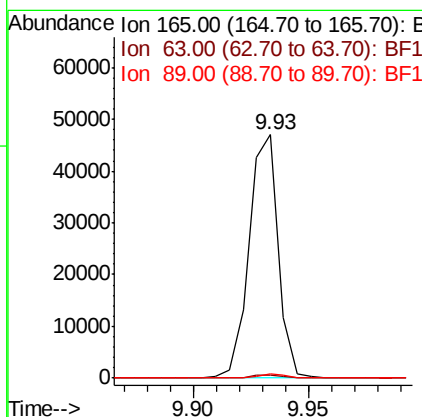
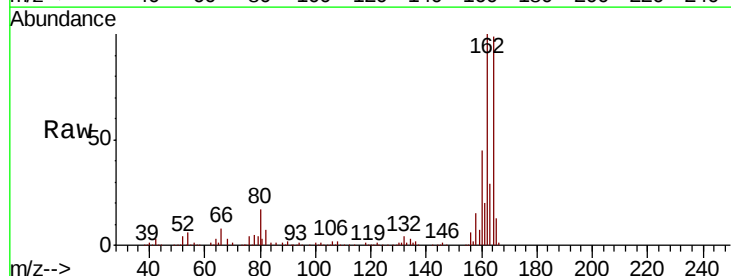
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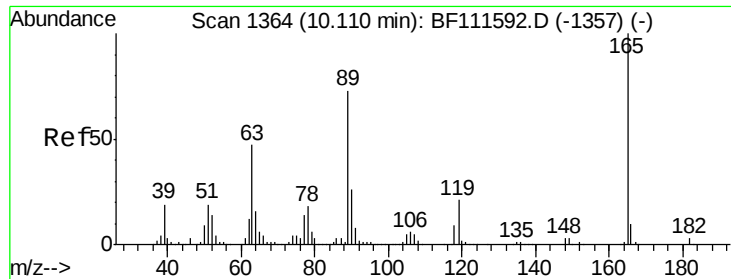
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	33.0	49.4
170	22.9	22.3	33.5



#51
 2,6-Dinitrotoluene
 Concen: 8.904 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.22 min
 Lab File: BF111657.D
 Acq: 20 Dec 2018 23:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.5	60.7#
89	1.9	40.0	60.0#

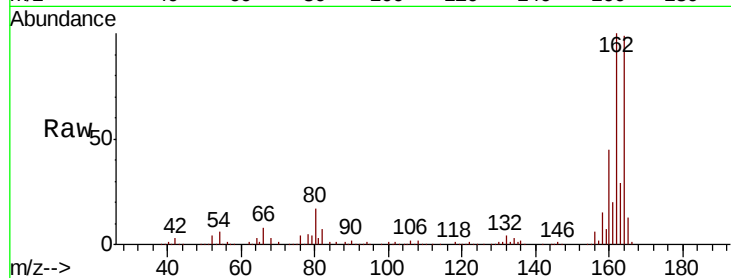




#57
 2,4-Dinitrotoluene
 Concen: 7.409 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF111657.D
 Acq: 20 Dec 2018 23:45

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-0006-01

Tgt Ion:	165	Resp:	41463
Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	52.0#
89	1.9	56.2	84.4#
182	0.0	1.8	2.6#

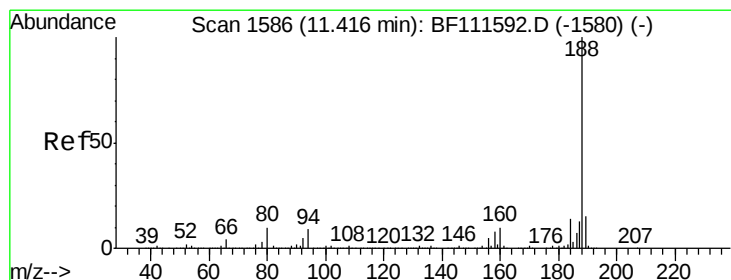
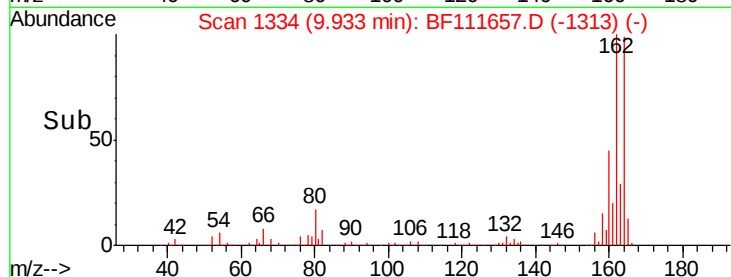
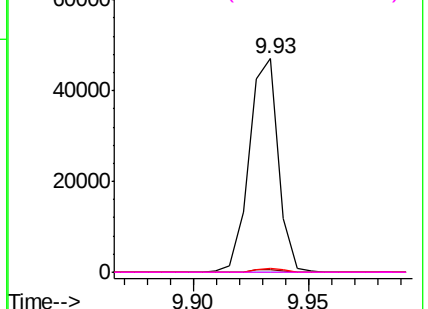


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

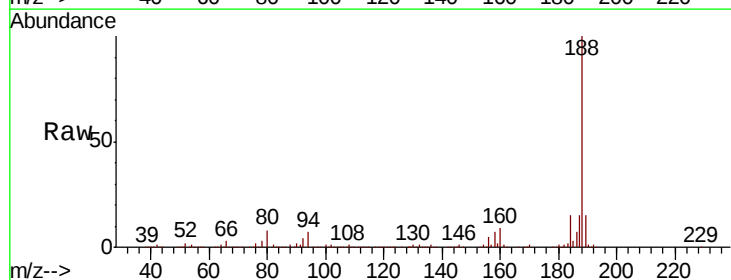
Ion 89.00 (88.70 to 89.70): BF1

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: BF111657.D
 Acq: 20 Dec 2018 23:45

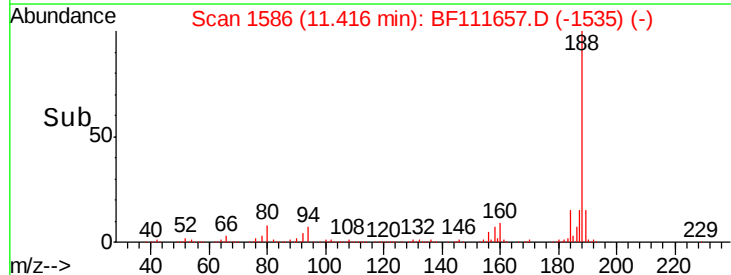
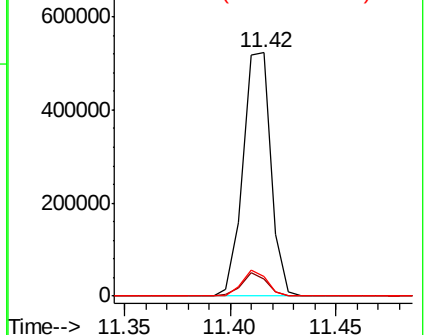
Tgt Ion:	188	Resp:	479649
Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.6	14.4#
80	8.2	9.8	14.6#

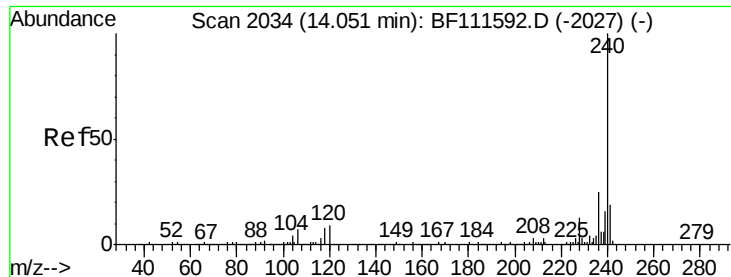


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF111657.D

Acq: 20 Dec 2018 23:45

Instrument :

BNA_F

ClientSampleId :

P001-SS024-0006-01

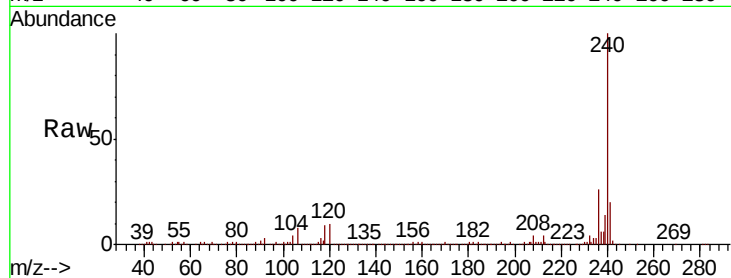
Tgt Ion:240 Resp: 484882

Ion Ratio Lower Upper

240 100

120 10.4 12.2 18.2#

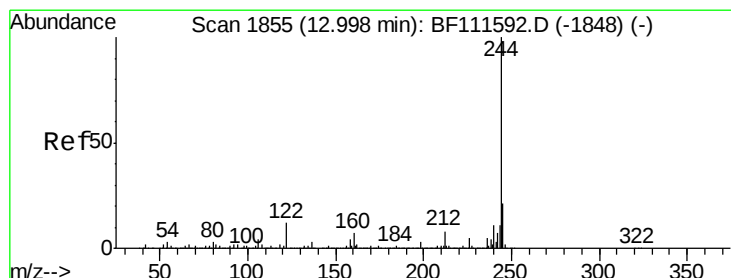
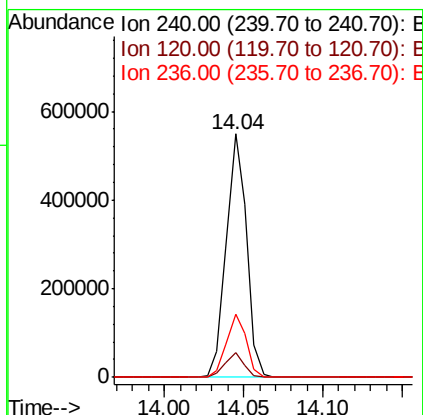
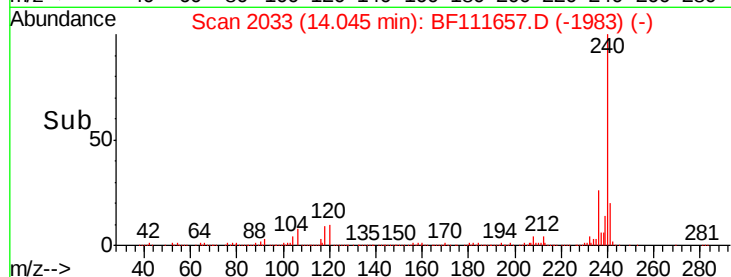
236 26.2 20.2 30.2



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



#79

Terphenyl-d14

Concen: 7.713 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111657.D

Acq: 20 Dec 2018 23:45

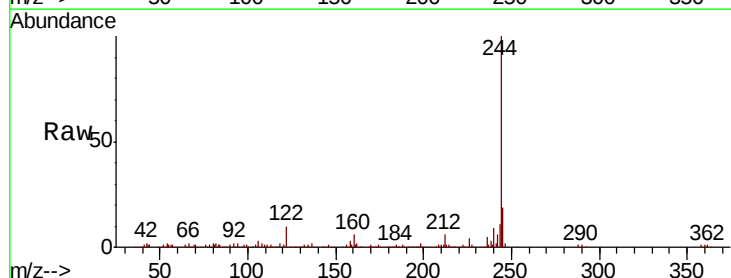
Tgt Ion:244 Resp: 197218

Ion Ratio Lower Upper

244 100

212 6.2 5.7 8.5

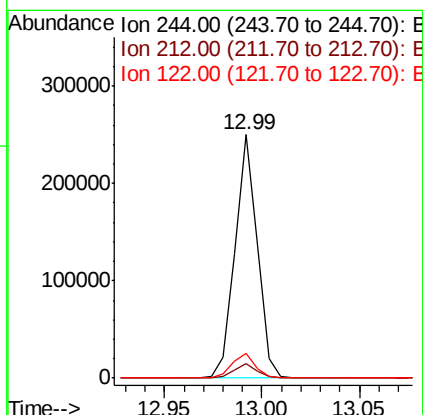
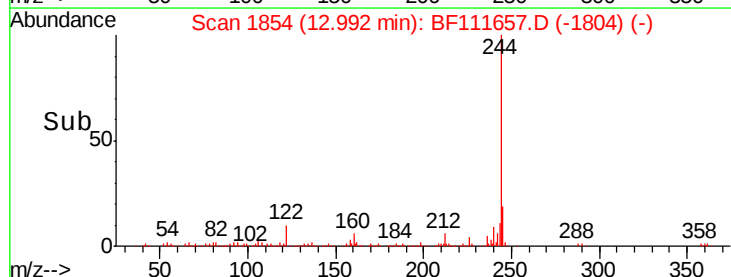
122 10.2 13.1 19.7#

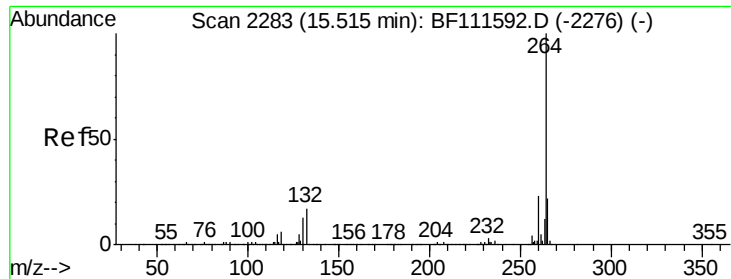


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

Tgt Ion: 264 Resp: 359971
Ion Ratio Lower Upper
264 100
260 22.4 18.3 27.5
265 20.7 17.7 26.5

