

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
 Data File : BF111126.D
 Acq On : 6 Dec 2018 00:00
 Operator : JU/SJ
 Sample : J6201-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11932-72-11967

Quant Time: Dec 06 01:09:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

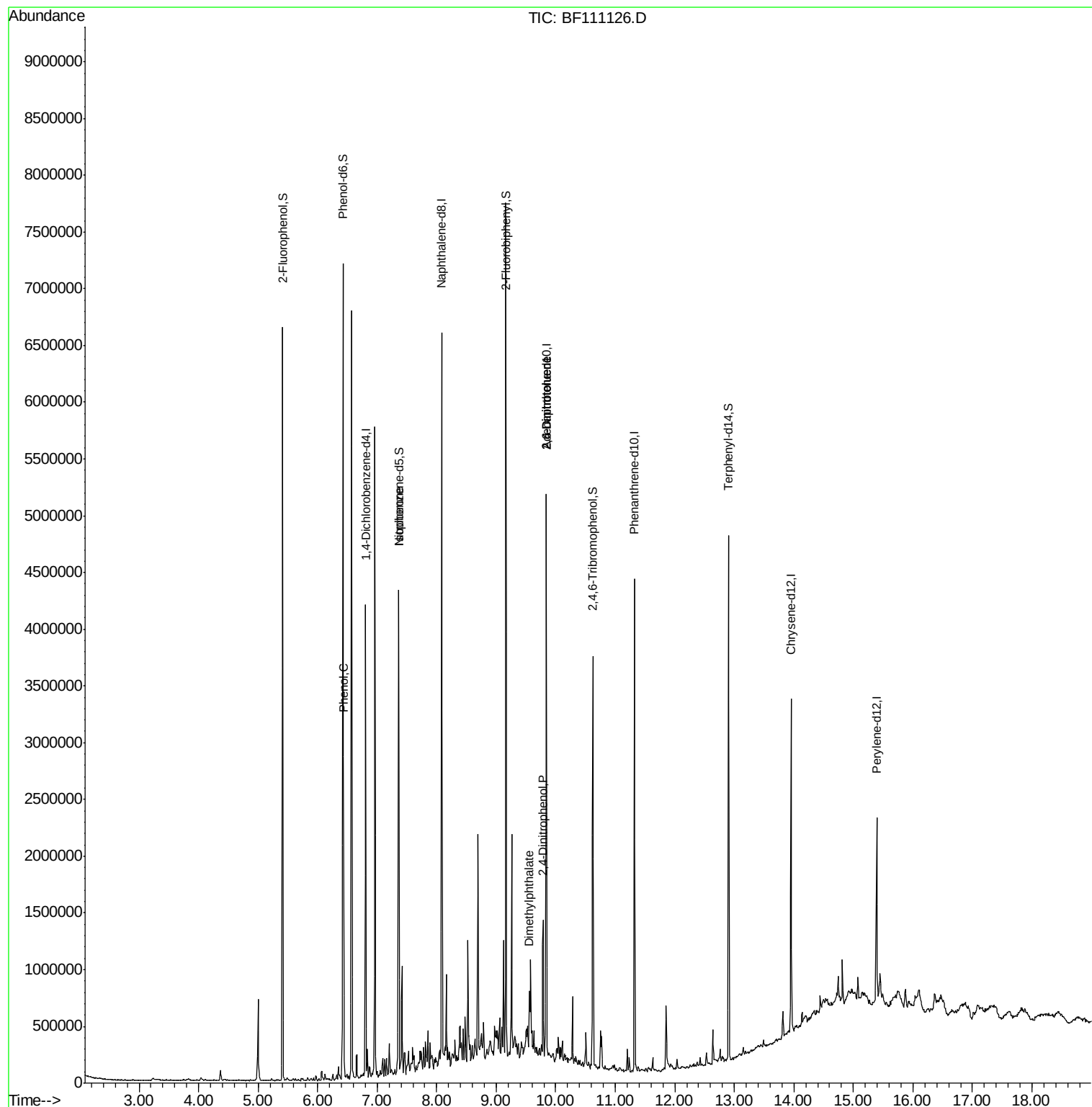
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	531614	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2058371	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	896956	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1346978	20.00	ng	0.00
76) Chrysene-d12	13.96	240	965665	20.00	ng	0.00
87) Perylene-d12	15.39	264	684478	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1615975	47.43	ng	0.00
7) Phenol-d6	6.43	99	2055213	46.83	ng	0.00
23) Nitrobenzene-d5	7.36	82	1196002	34.40	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	311846	43.74	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1907277	30.07	ng	0.00
79) Terphenyl-d14	12.90	244	1401469	29.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	6165	Below Cal		Qvalue # 6
10) Phenol	6.44	94	132876	2.777 ng		95
25) Isophorone	7.36	82	1192032	18.682 ng	#	65
50) Dimethylphthalate	9.55	163	155588	2.492 ng		99
51) 2,6-Dinitrotoluene	9.84	165	123613	9.340 ng	#	26
54) 2,4-Dinitrophenol	9.79	184	122	6.631 ng	#	1
57) 2,4-Dinitrotoluene	9.84	165	123613	7.232 ng	#	23
77) Benzydine	12.62	184	556	Below Cal	#	1

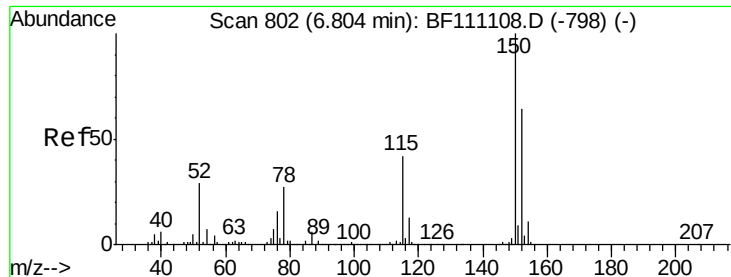
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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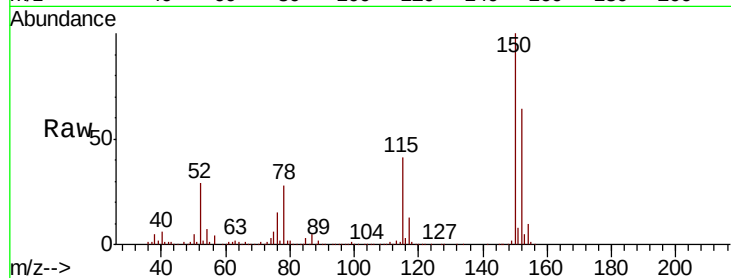


#1

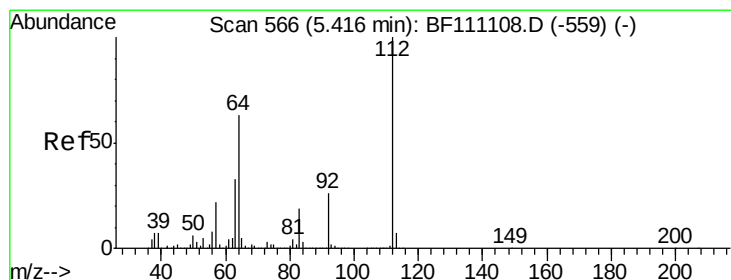
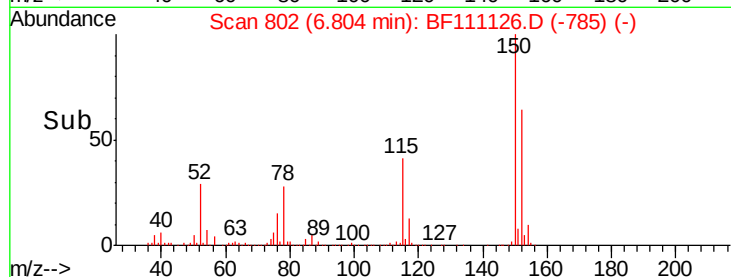
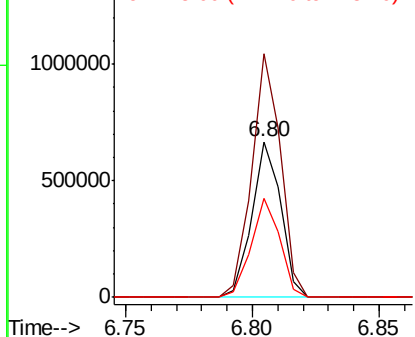
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Instrument :
BNA_F
ClientSampleId :
72-11932-72-11967

Tgt Ion:152 Resp: 531614
Ion Ratio Lower Upper
152 100
150 156.3 124.6 187.0
115 63.6 52.2 78.2



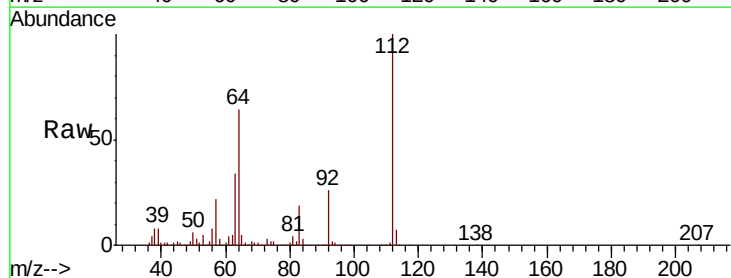
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



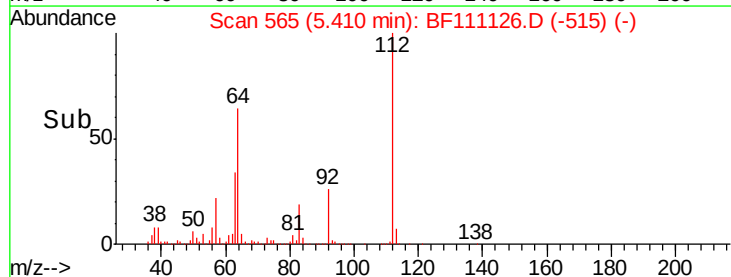
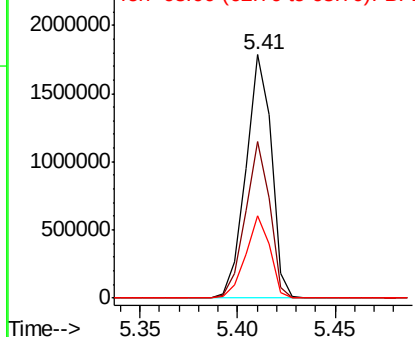
#5

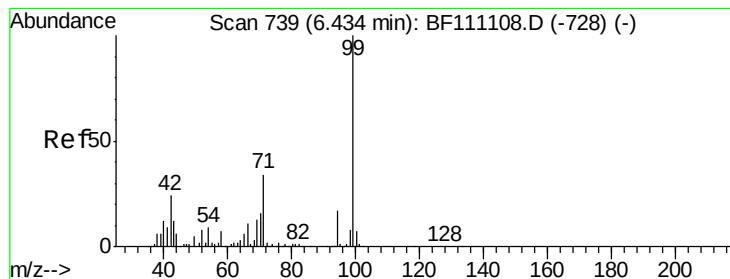
2-Fluorophenol
Concen: 47.434 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Tgt Ion:112 Resp: 1615975
Ion Ratio Lower Upper
112 100
64 64.1 50.2 75.4
63 33.9 26.6 39.8



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: 46.831 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111126.D

Acq: 6 Dec 2018 00:00

Instrument :

BNA_F

ClientSampleId :

72-11932-72-11967

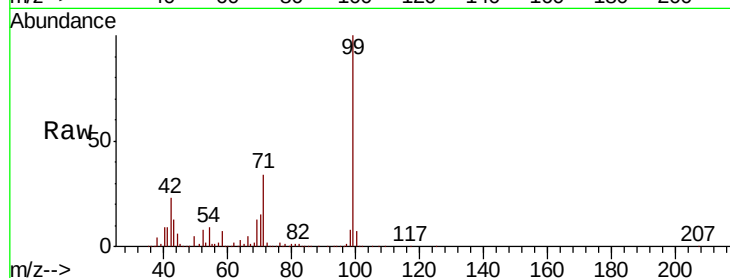
Tgt Ion: 99 Resp: 2055213

Ion Ratio Lower Upper

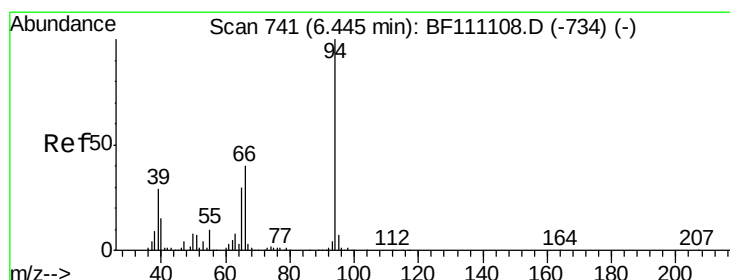
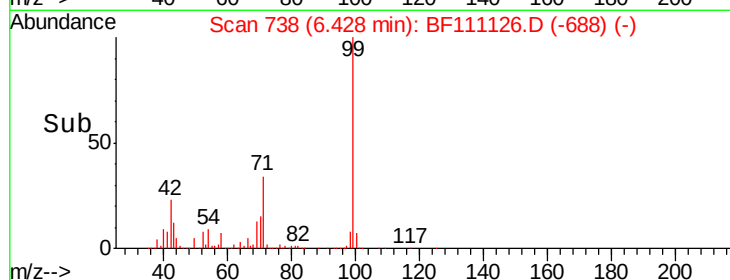
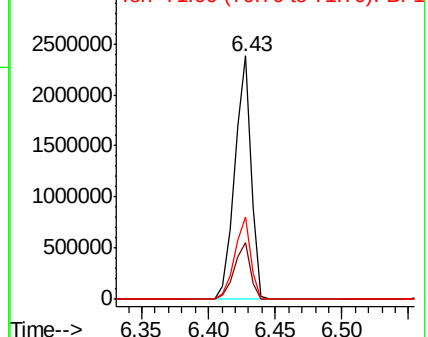
99 100

42 23.1 19.3 28.9

71 33.9 27.4 41.2



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: 2.777 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111126.D

Acq: 6 Dec 2018 00:00

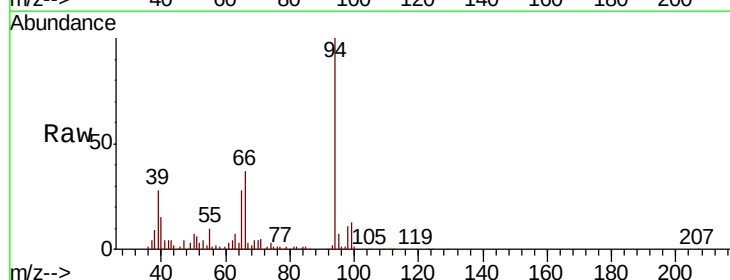
Tgt Ion: 94 Resp: 132876

Ion Ratio Lower Upper

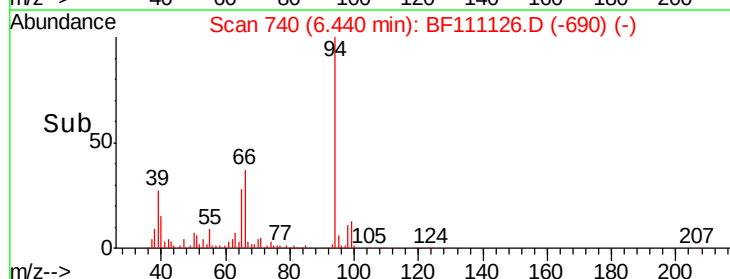
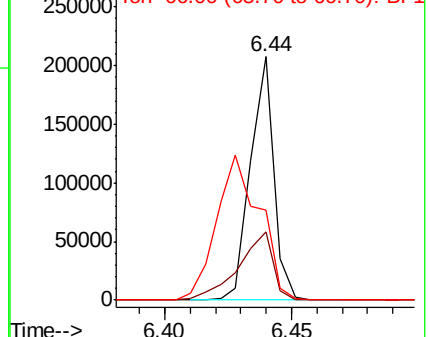
94 100

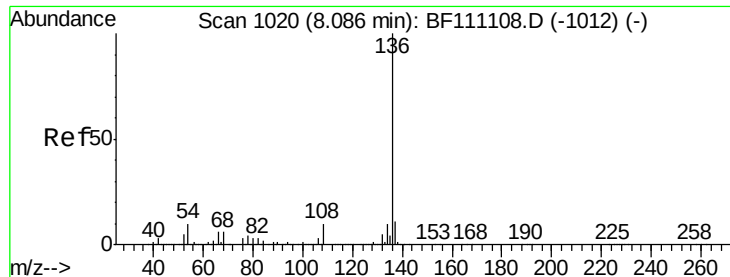
65 28.1 10.5 50.5

66 37.0 19.8 59.8



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

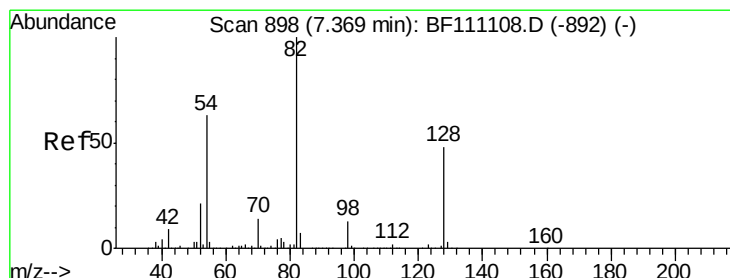
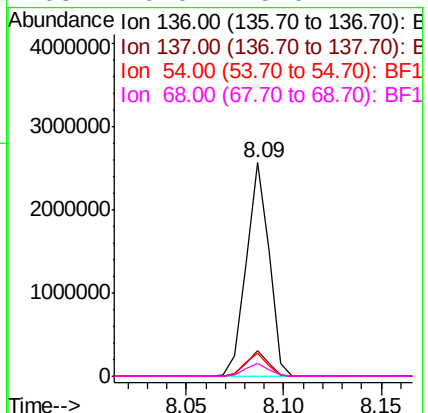
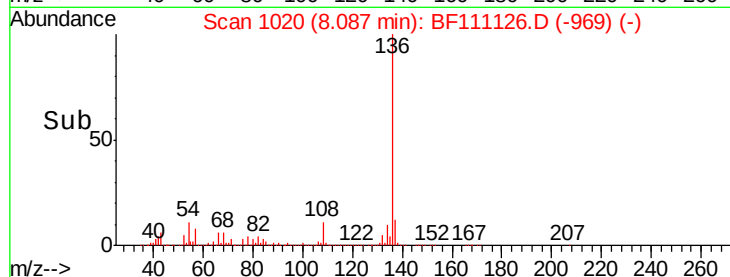
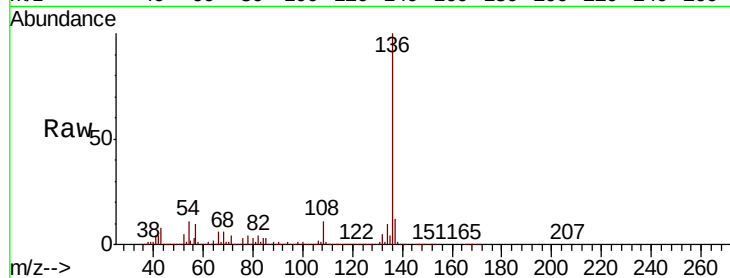




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

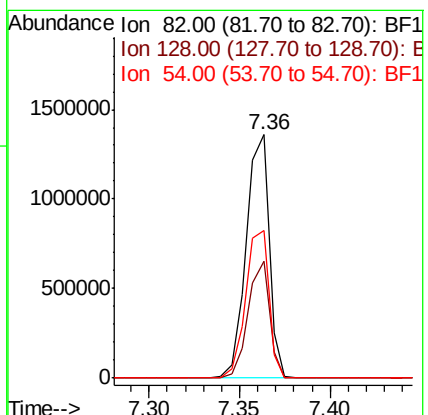
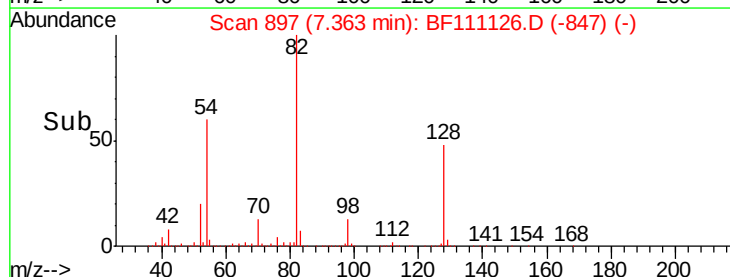
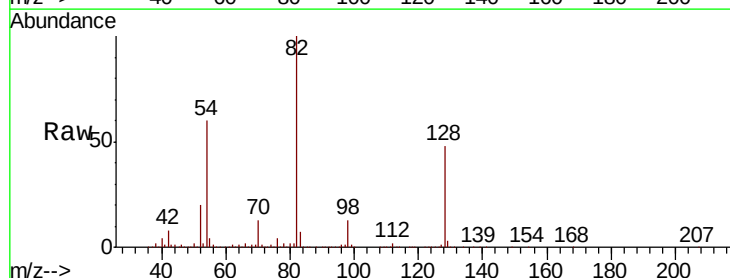
Instrument :
BNA_F
ClientSampleId :
72-11932-72-11967

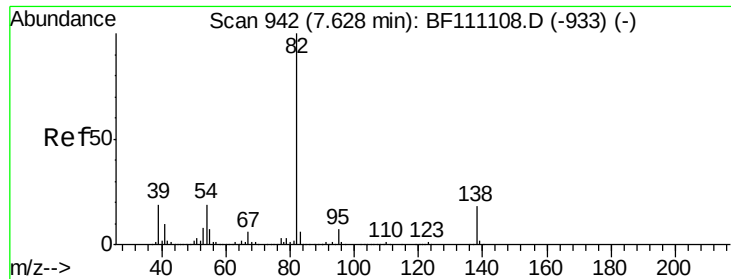
Tgt Ion:	136	Resp:	2058371
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	10.6	8.4	12.6
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 34.400 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Tgt Ion:	82	Resp:	1196002
Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.1	57.1
54	60.4	50.3	75.5





#25

Isophorone

Concen: 18.682 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF111126.D

Acq: 6 Dec 2018 00:00

Instrument :

BNA_F

ClientSampleId :

72-11932-72-11967

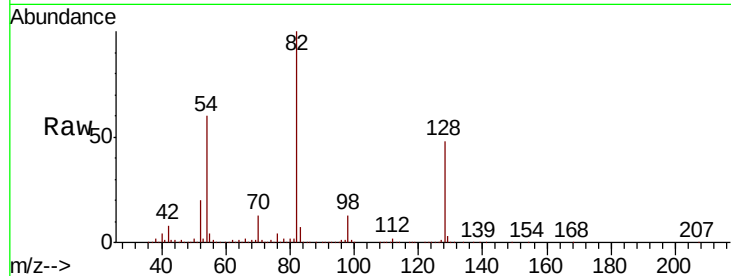
Tgt Ion: 82 Resp: 1192032

Ion Ratio Lower Upper

82 100

95 0.3 5.6 8.4#

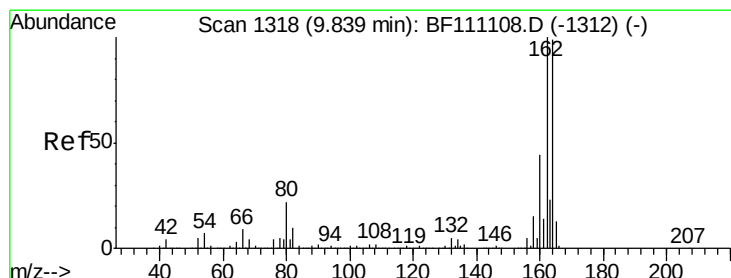
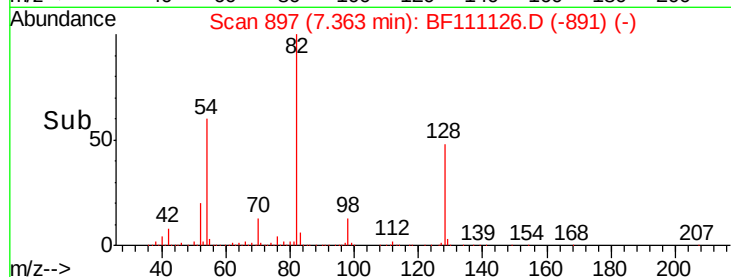
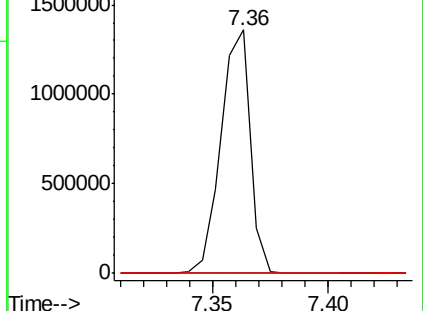
138 0.0 14.6 22.0#



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: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF111126.D

Acq: 6 Dec 2018 00:00

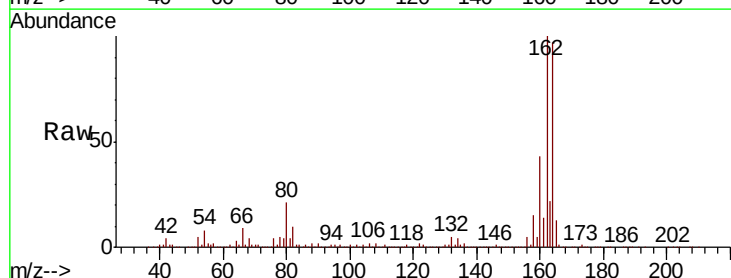
Tgt Ion: 164 Resp: 896956

Ion Ratio Lower Upper

164 100

162 103.0 80.6 120.8

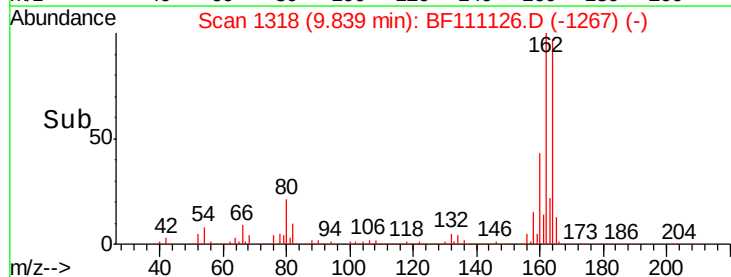
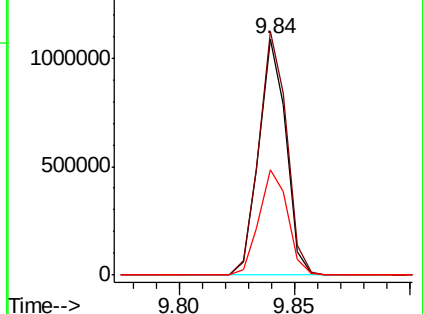
160 44.7 35.5 53.3

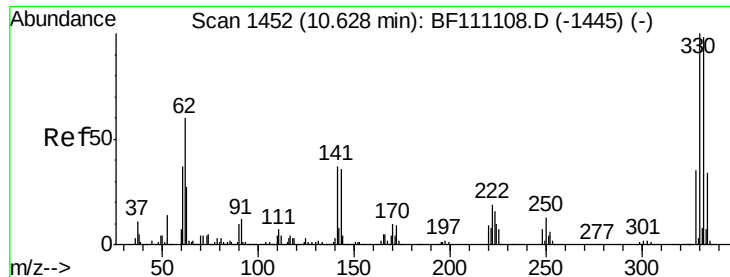


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 43.739 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF111126.D

Acq: 6 Dec 2018 00:00

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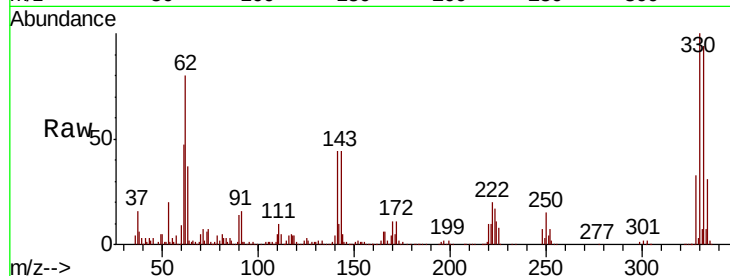
Tgt Ion:330 Resp: 311846

Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

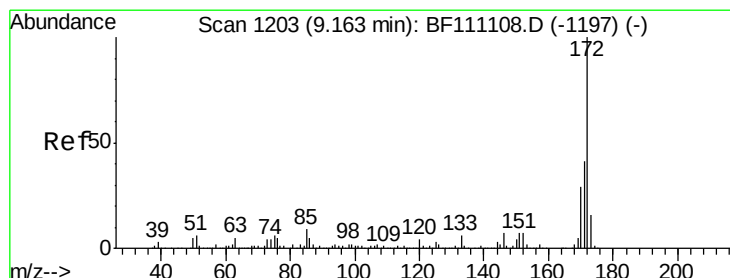
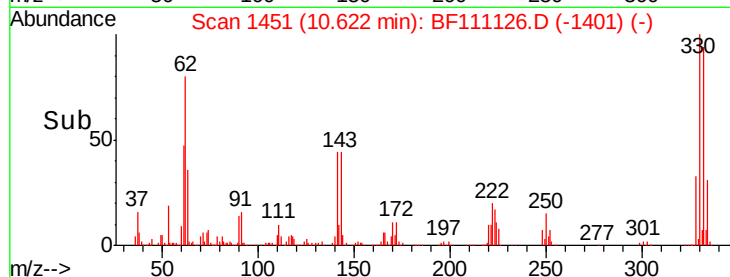
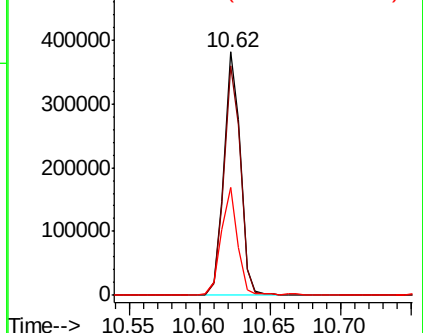
141 43.2 36.1 54.1



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



#45

2-Fluorobiphenyl

Concen: 30.072 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111126.D

Acq: 6 Dec 2018 00:00

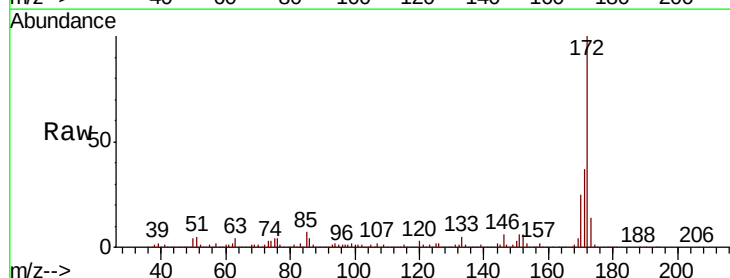
Tgt Ion:172 Resp: 1907277

Ion Ratio Lower Upper

172 100

171 36.6 33.2 49.8

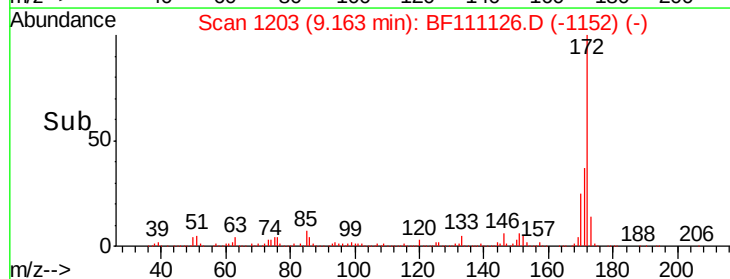
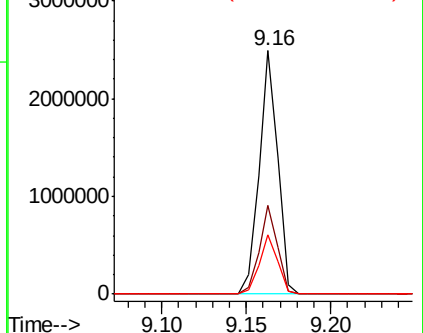
170 24.5 22.9 34.3

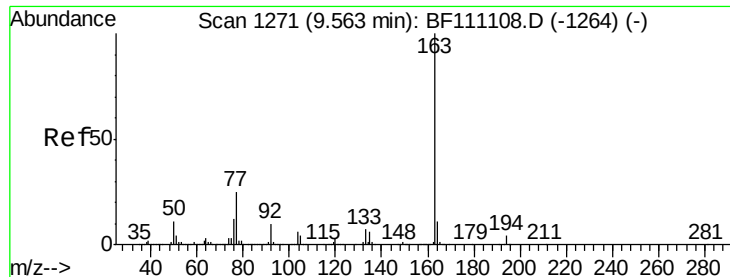


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

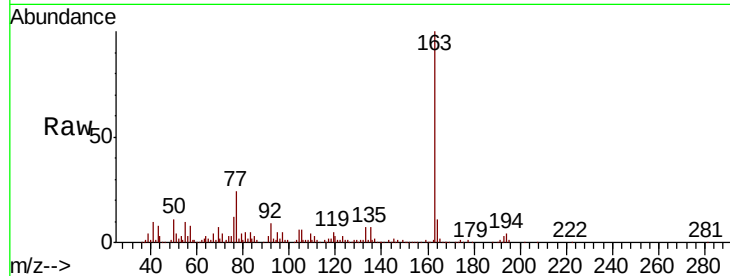




#50
Dimethylphthalate
Concen: 2.492 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	155588		
194	4.0		3.0	4.4
164	10.7		8.9	13.3

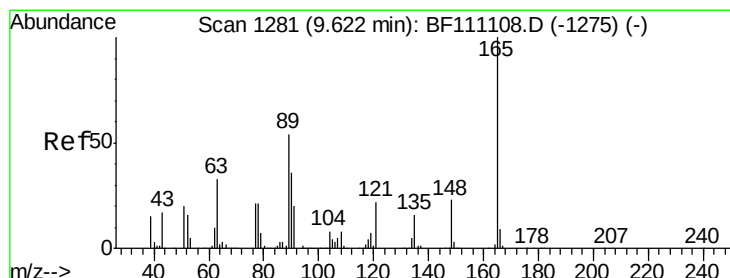
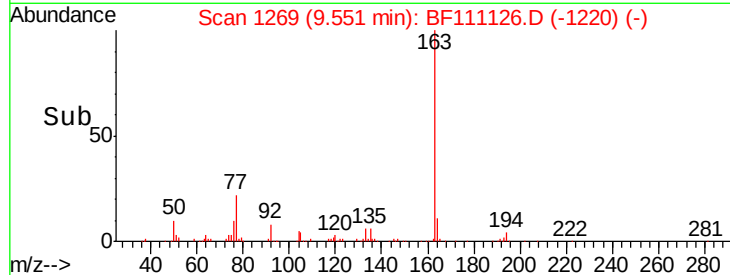
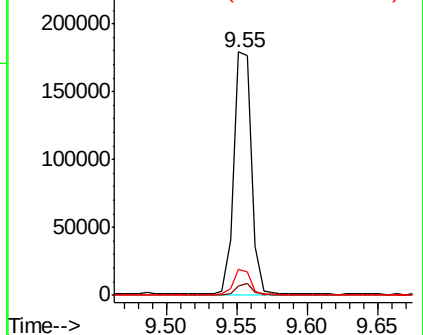


Abundance

Ion 163.00 (162.70 to 163.70): E

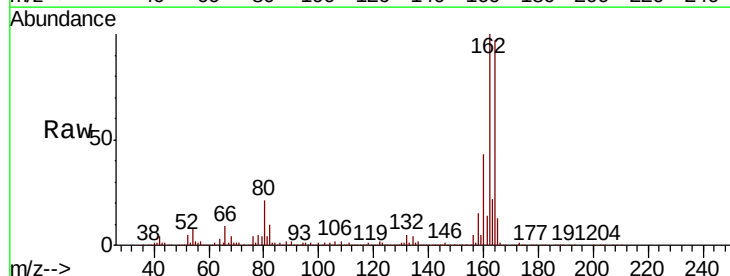
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 9.340 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.22 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	123613		
63	0.9		44.7	67.1#
89	1.4		43.0	64.4#

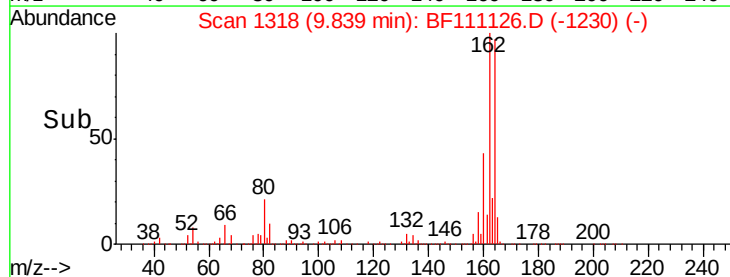
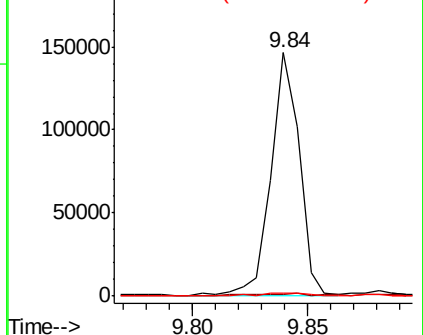


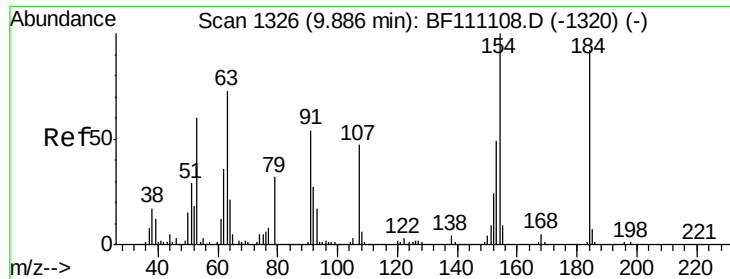
Abundance

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

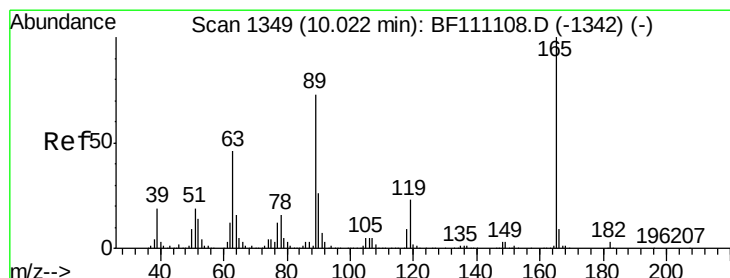
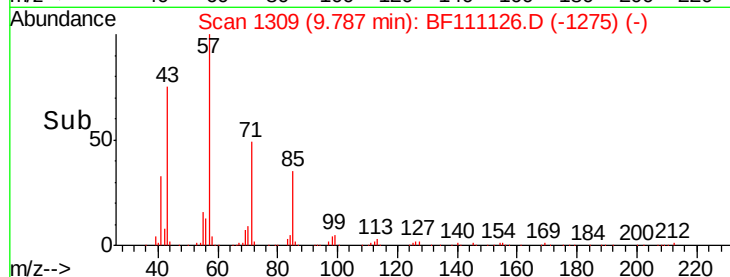
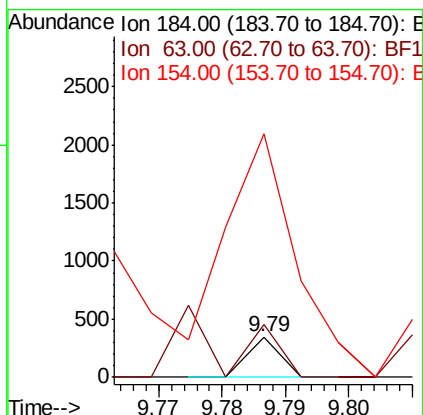
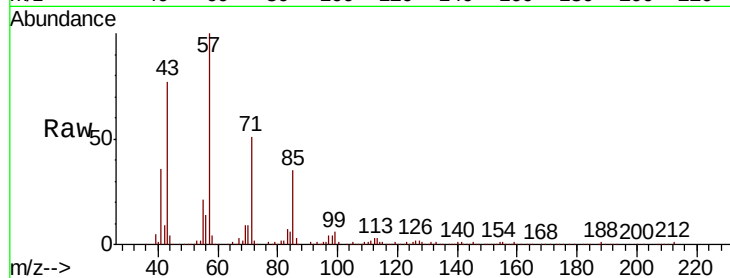




#54
2,4-Dinitrophenol
Concen: 6.631 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.10 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

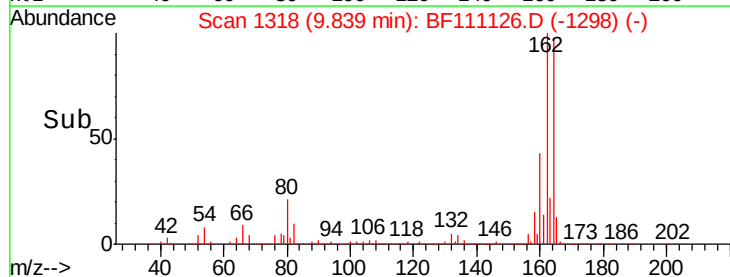
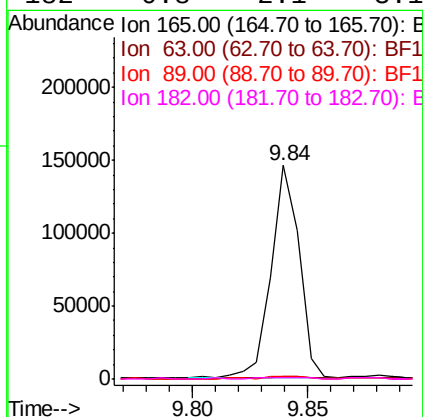
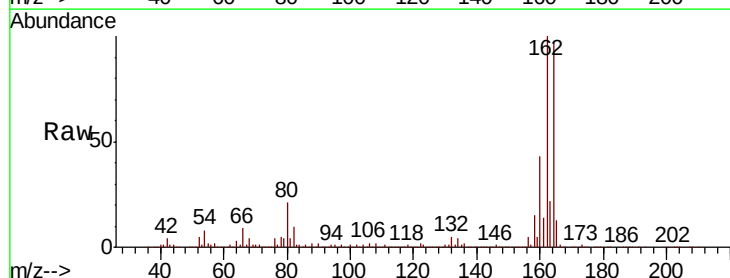
Instrument :
BNA_F
ClientSampleId :
72-11932-72-11967

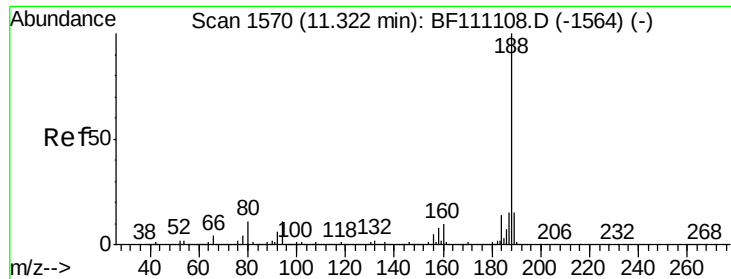
Tgt Ion:184 Resp: 122
Ion Ratio Lower Upper
184 100
63 132.8 64.2 96.4#
154 607.0 89.5 134.3#



#57
2,4-Dinitrotoluene
Concen: 7.232 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Tgt Ion:165 Resp: 123613
Ion Ratio Lower Upper
165 100
63 0.9 36.7 55.1#
89 1.4 58.4 87.6#
182 0.8 2.1 3.1#

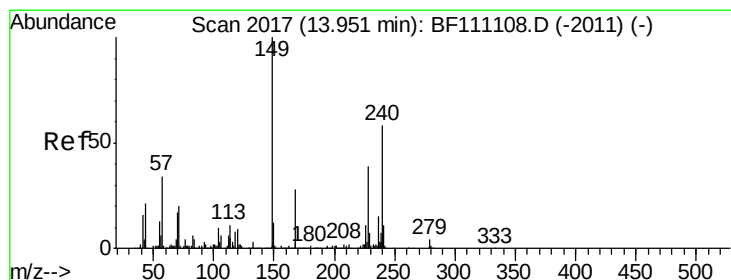
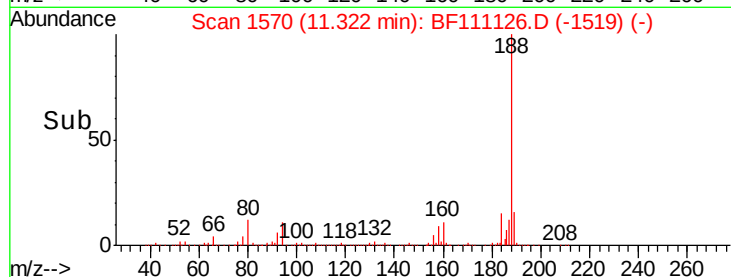
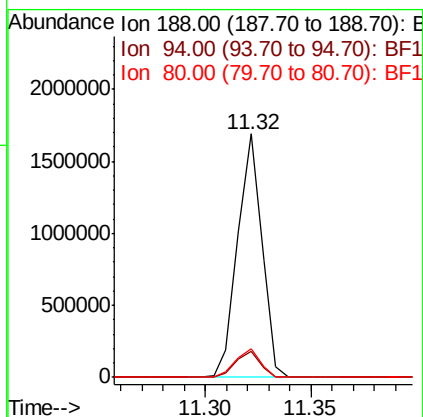
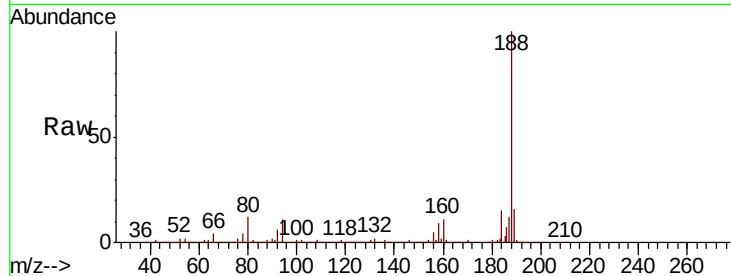




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

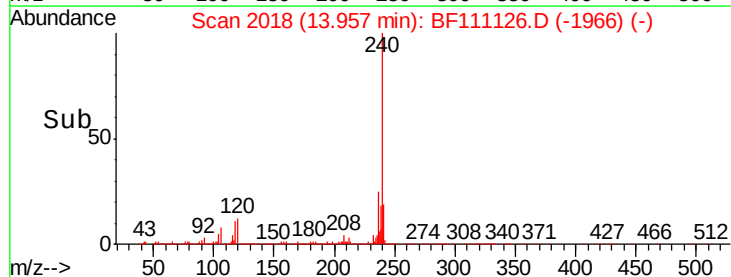
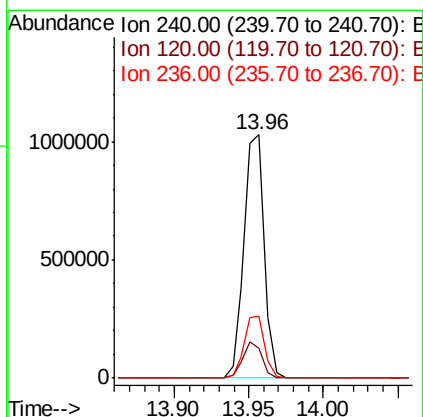
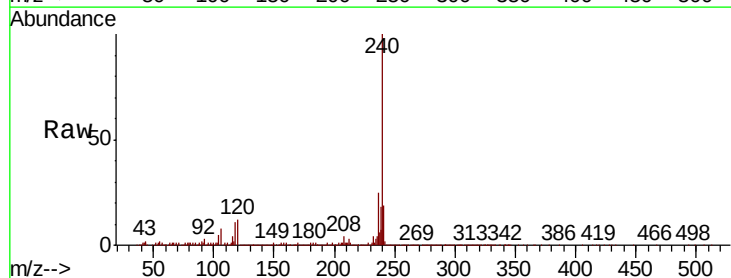
Instrument :
BNA_F
ClientSampleId :
72-11932-72-11967

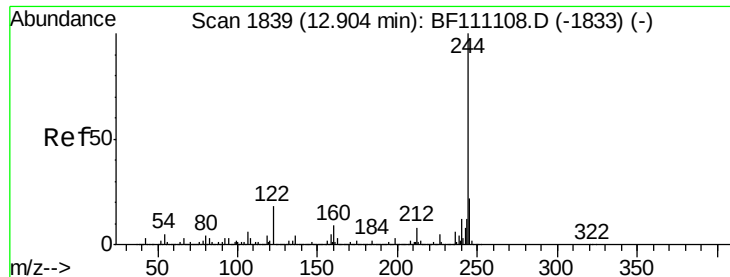
Tgt Ion:188 Resp: 1346978
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.8 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111126.D
Acq: 6 Dec 2018 00:00

Tgt Ion:240 Resp: 965665
Ion Ratio Lower Upper
240 100
120 12.3 12.8 19.2#
236 25.4 21.1 31.7





#79

Terphenyl-d14

Concen: 29.722 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF111126.D

Acq: 6 Dec 2018 00:00

Instrument :

BNA_F

ClientSampleId :

72-11932-72-11967

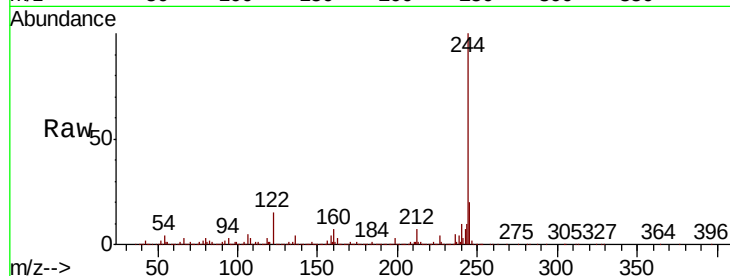
Tgt Ion:244 Resp: 1401469

Ion Ratio Lower Upper

244 100

212 6.8 6.6 9.8

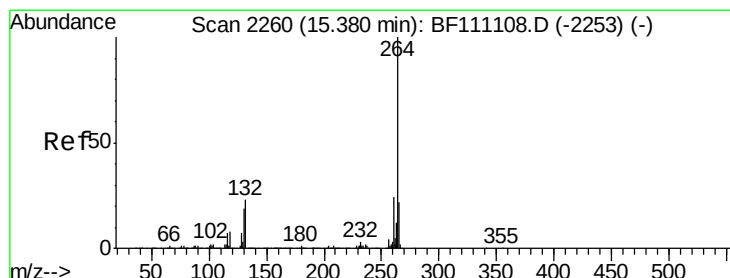
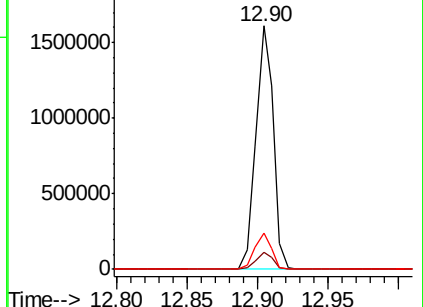
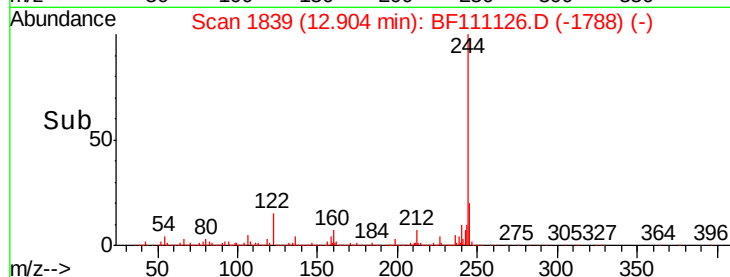
122 14.7 14.2 21.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111126.D

Acq: 6 Dec 2018 00:00

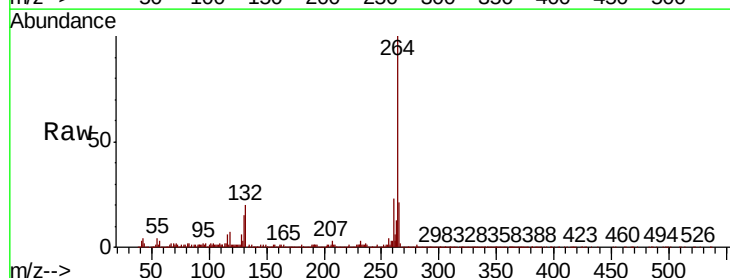
Tgt Ion:264 Resp: 684478

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.0

265 21.2 17.4 26.0



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

