

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111135.D
 Acq On : 6 Dec 2018 13:46
 Operator : JU/SJ
 Sample : J6206-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 14:15:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 13:41:03 2018
 Response via : Initial Calibration

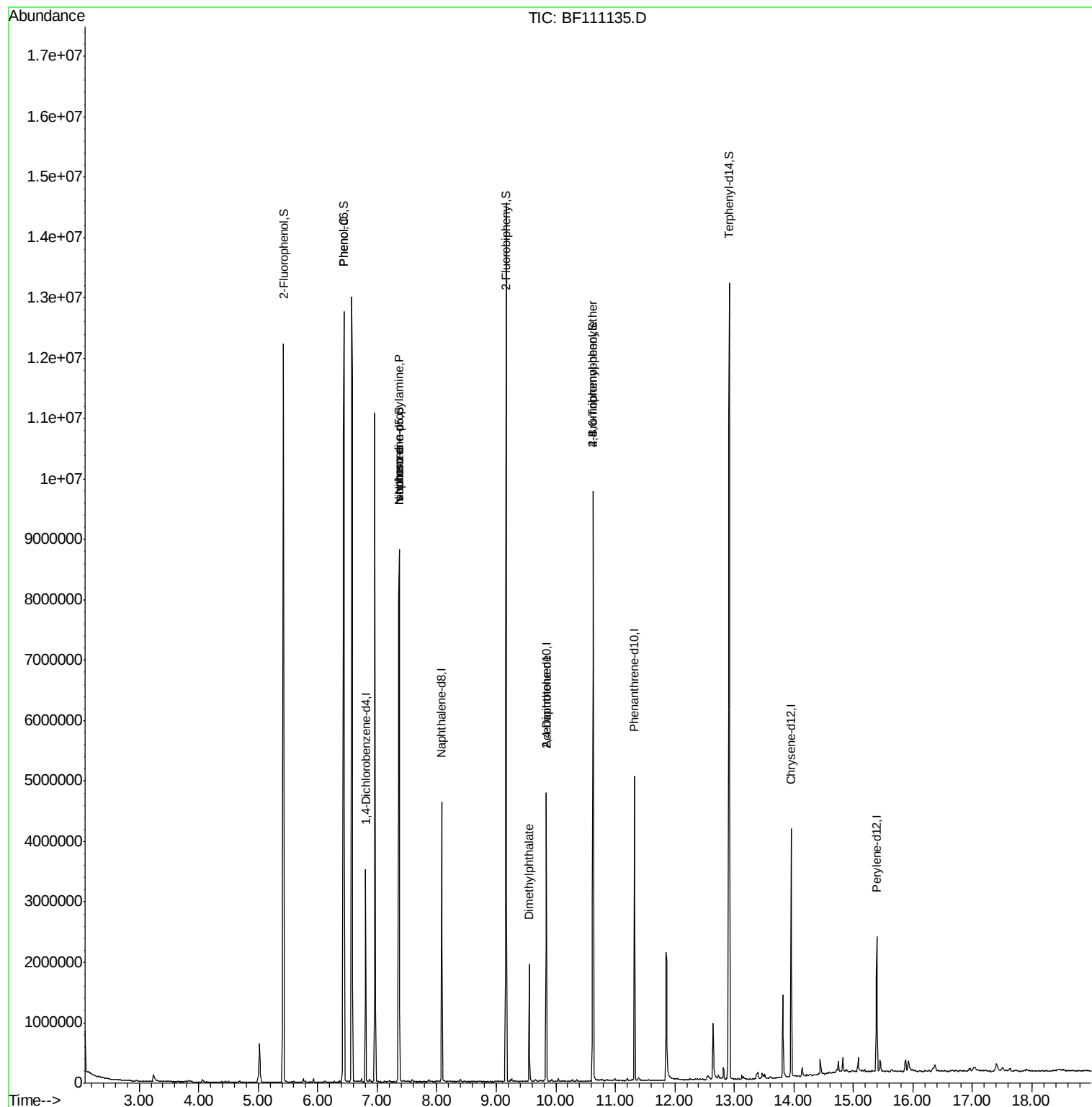
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	465693	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1809576	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	879184	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1591740	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1227789	20.00	ng	-0.01
87) Perylene-d12	15.39	264	936627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3501588	117.33	ng	0.01
7) Phenol-d6	6.44	99	4413678	114.81	ng	0.00
23) Nitrobenzene-d5	7.37	82	2908897	95.17	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1000272	143.13	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4332289	92.48	ng	0.00
79) Terphenyl-d14	12.92	244	4297516	71.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	10472	Below Cal		Qvalue # 2
10) Phenol	6.45	94	335558	8.005	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	406052	15.717	ng	# 73
25) Isophorone	7.37	82	2899664	51.693	ng	# 65
50) Dimethylphthalate	9.56	163	735751	12.024	ng	98
57) 2,4-Dinitrotoluene	9.84	165	113435	6.770	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	70205	4.167	ng	# 1

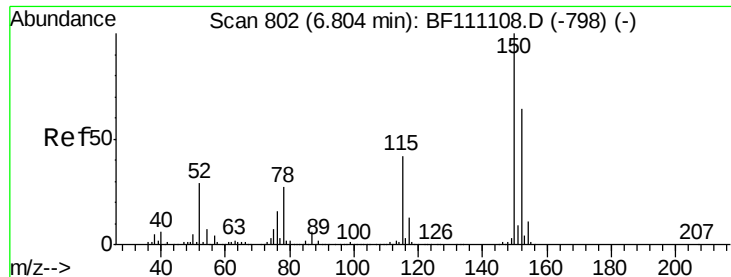
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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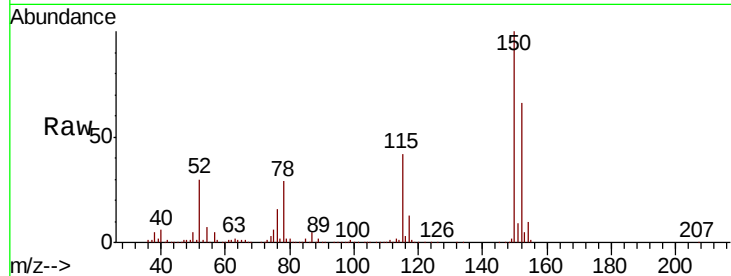


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	187.0
115	64.6	52.2	78.2

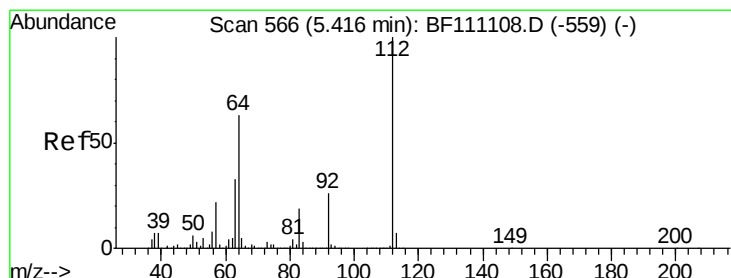
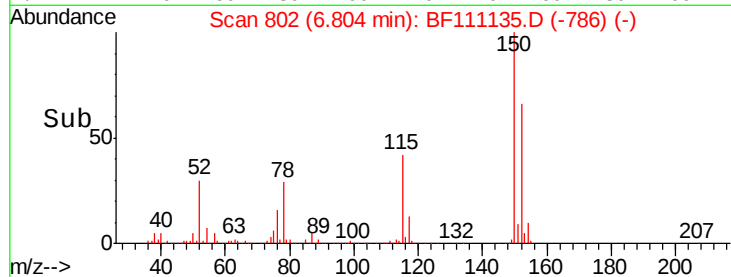
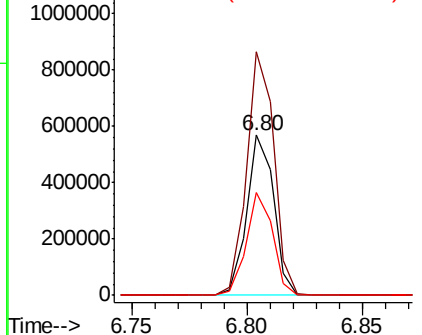


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

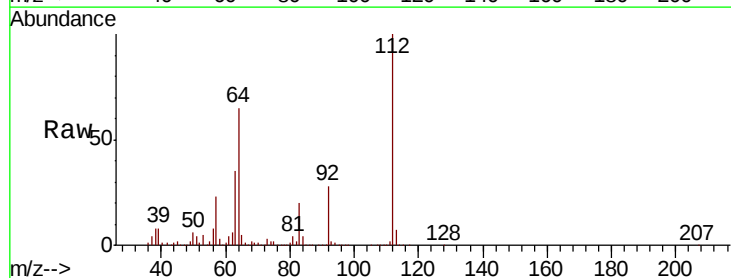
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.332 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	50.2	75.4
63	34.7	26.6	39.8

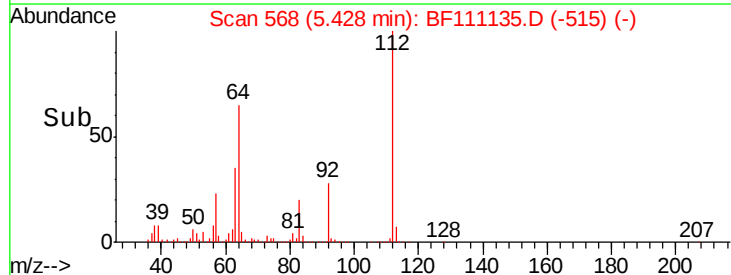
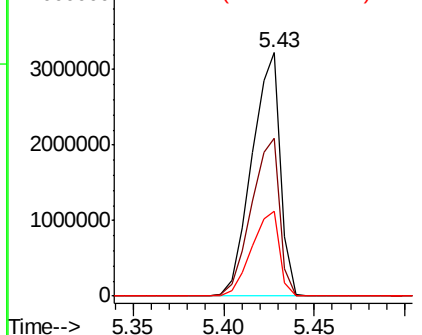


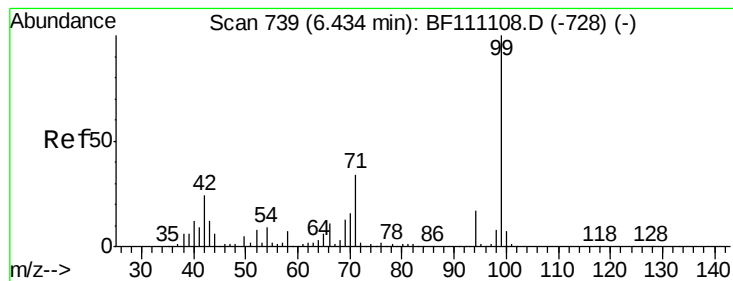
Abundance

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: 114.810 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111135.D

Acq: 6 Dec 2018 13:46

Instrument :

BNA_F

ClientSampleId :

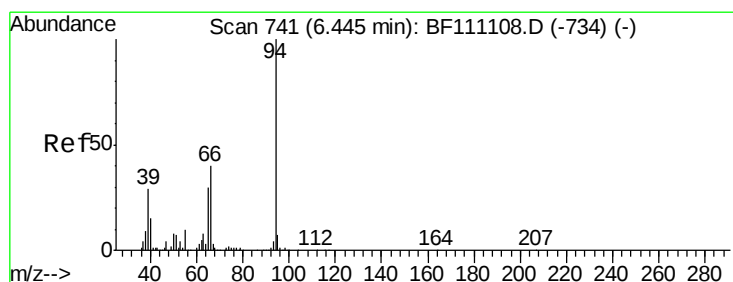
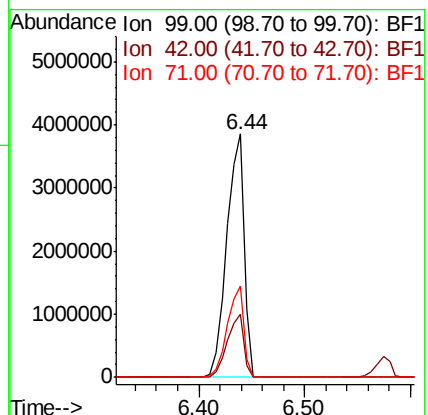
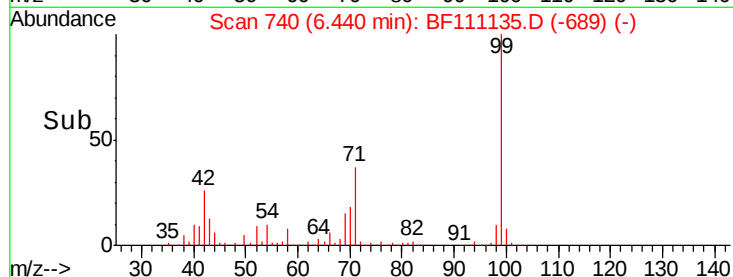
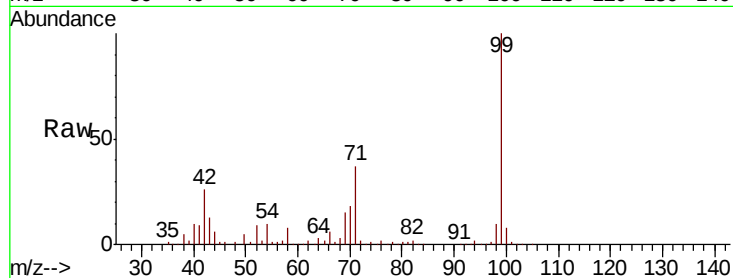
Tot Ion: 99 Resp: 4413678

Ion Ratio Lower Upper

99 100

42 25.8 19.3 28.9

71 37.4 27.4 41.2



#10

Phenol

Concen: 8.005 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111135.D

Acq: 6 Dec 2018 13:46

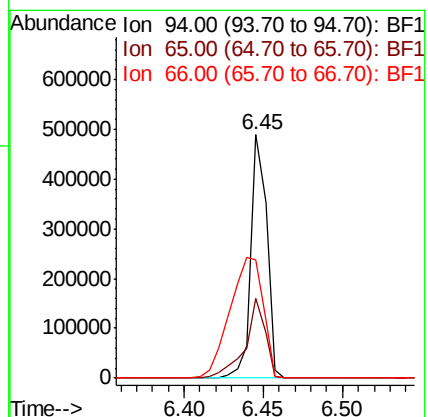
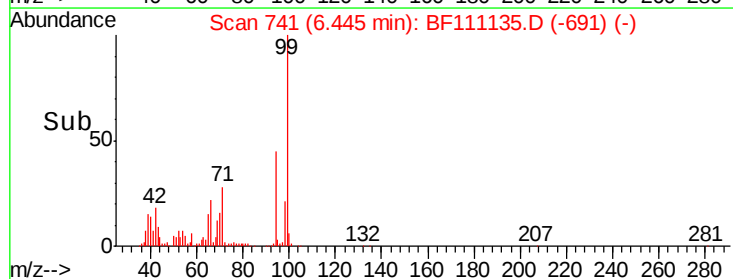
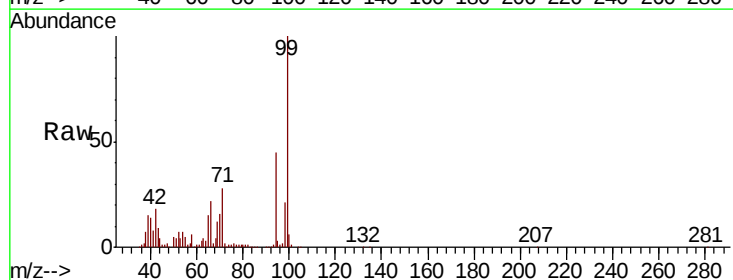
Tgt Ion: 94 Resp: 335558

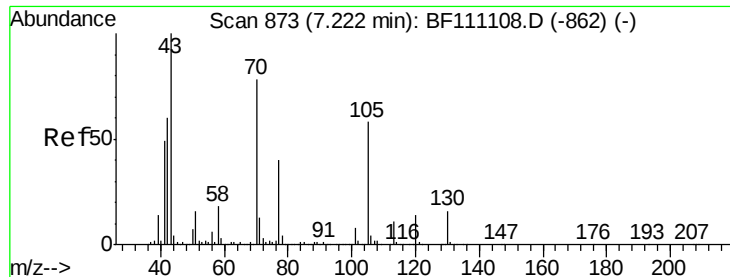
Ion Ratio Lower Upper

94 100

65 32.6 10.5 50.5

66 48.5 19.8 59.8

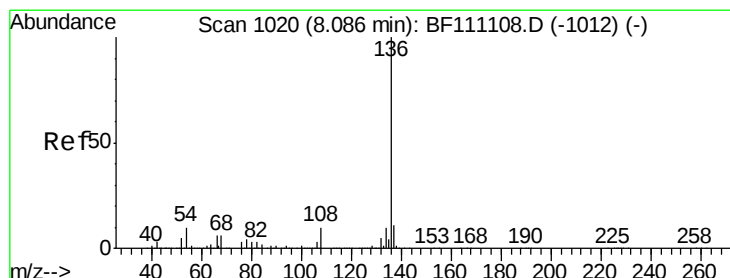
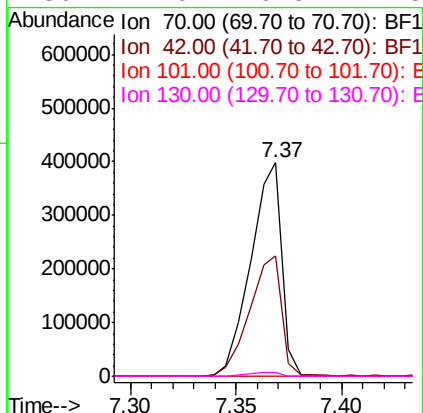
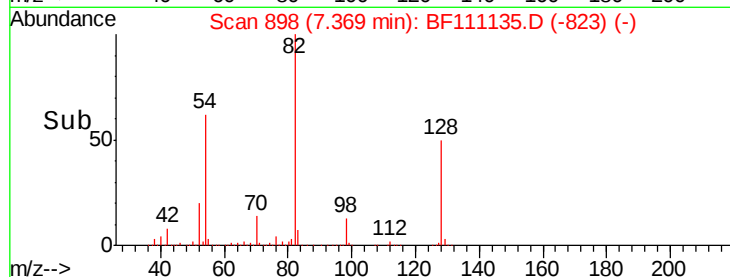
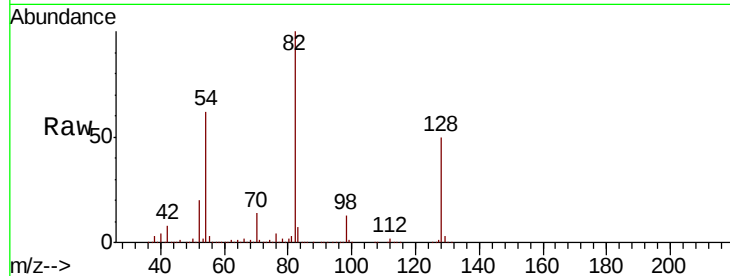




#19
n-Nitroso-di-n-propylamine
Concen: 15.717 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

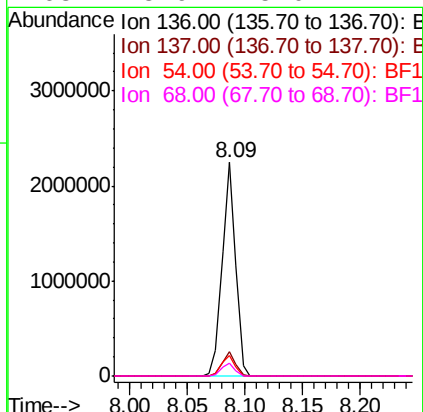
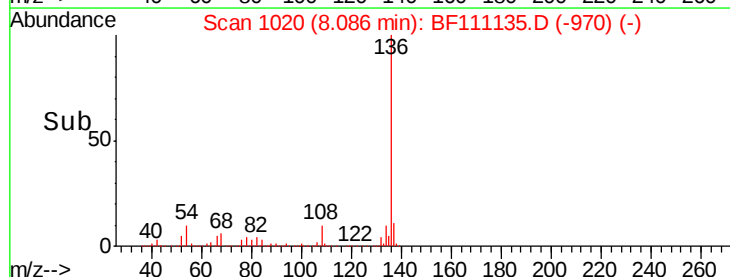
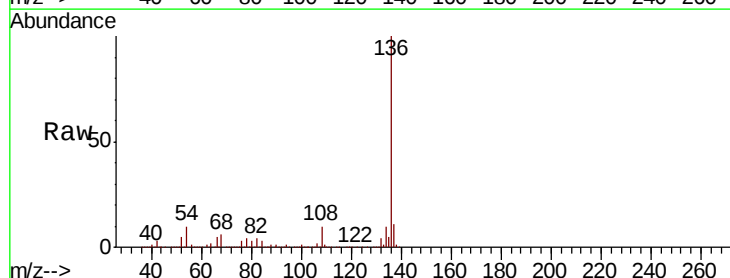
Instrument :
BNA_F
ClientSampleId :

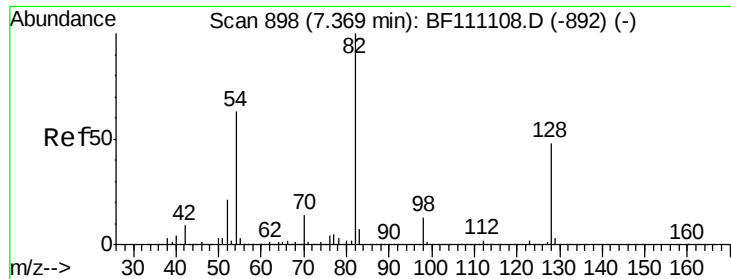
Tot Ion: 70 Resp: 406052
Ion Ratio Lower Upper
70 100
42 56.6 61.3 91.9#
101 0.0 7.7 11.5#
130 2.0 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Tgt Ion:136 Resp: 1809576
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.9 8.4 12.6
68 5.9 5.0 7.4

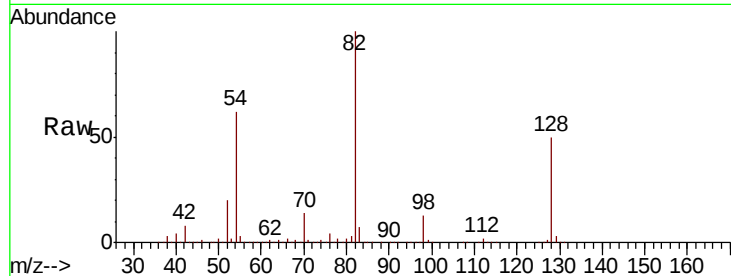




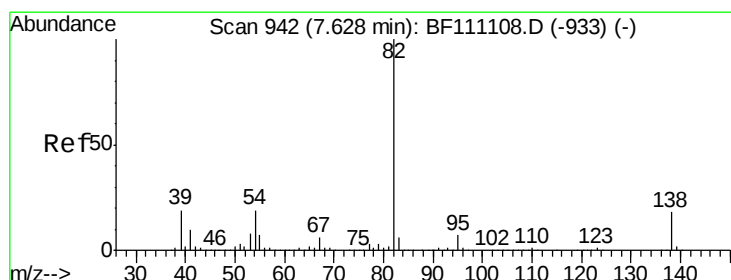
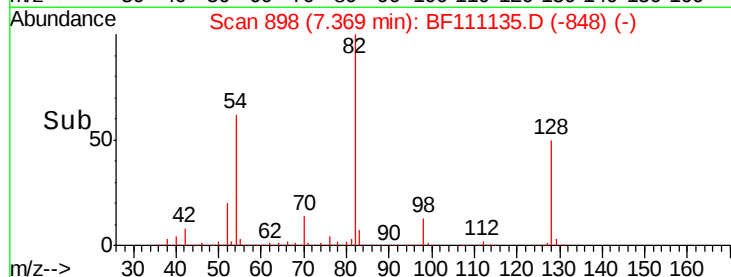
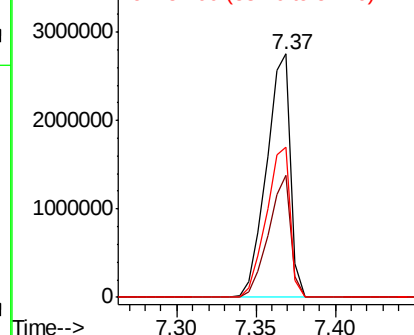
#23
Nitrobenzene-d5
Concen: 95.170 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2908897
Ion Ratio Lower Upper
82 100
128 50.0 38.1 57.1
54 61.6 50.3 75.5

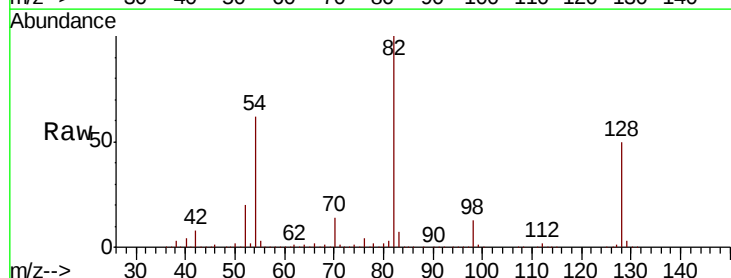


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

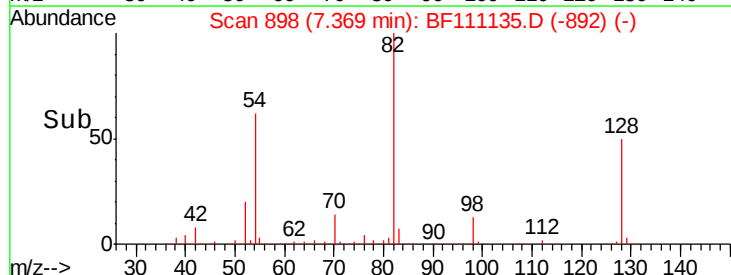
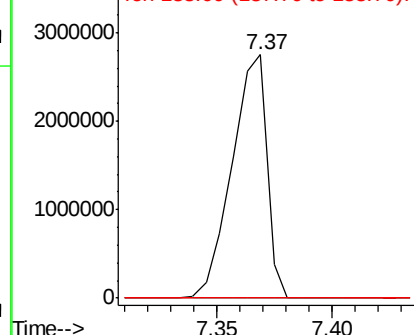


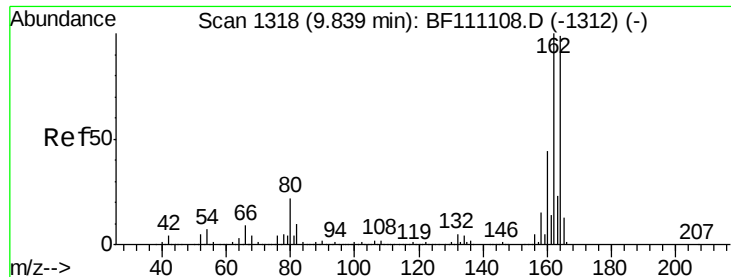
#25
Isophorone
Concen: 51.693 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Tgt Ion: 82 Resp: 2899664
Ion Ratio Lower Upper
82 100
95 0.0 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

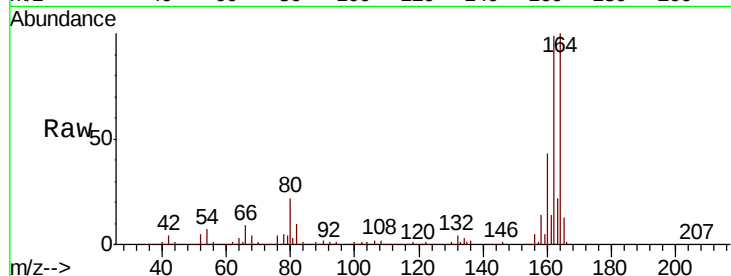




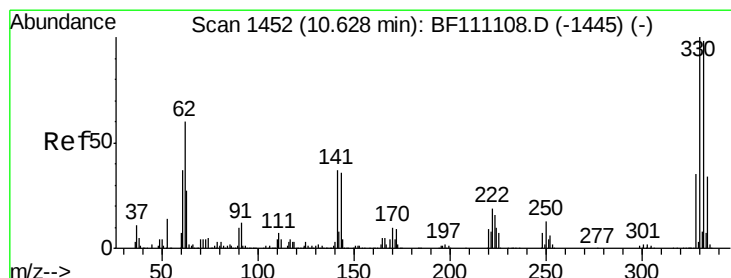
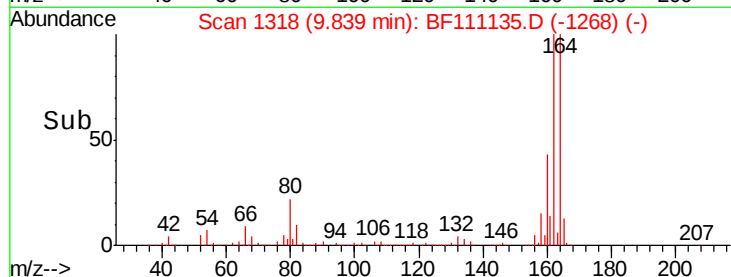
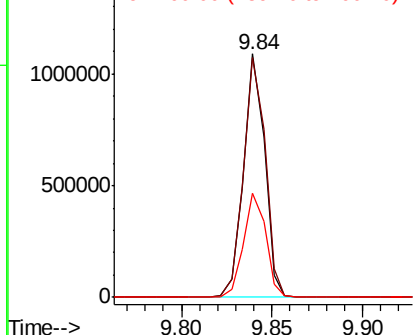
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 879184
Ion Ratio Lower Upper
164 100
162 98.6 80.6 120.8
160 42.7 35.5 53.3

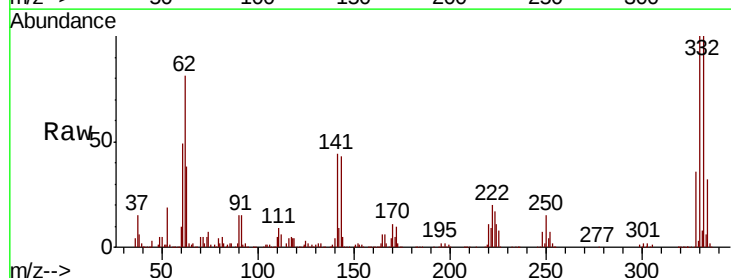


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

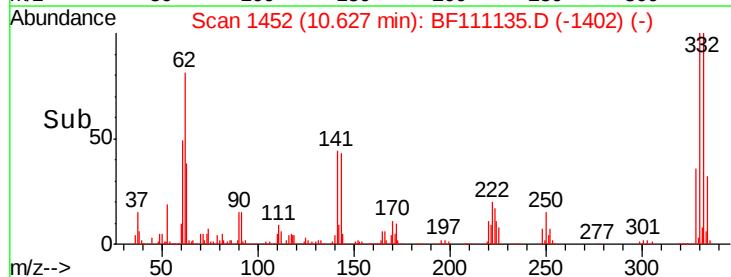
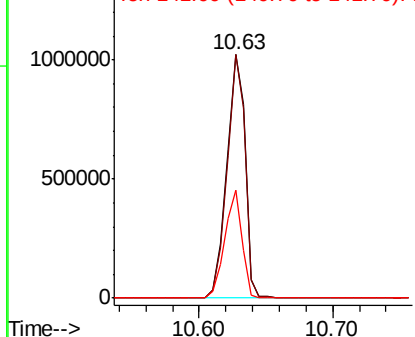


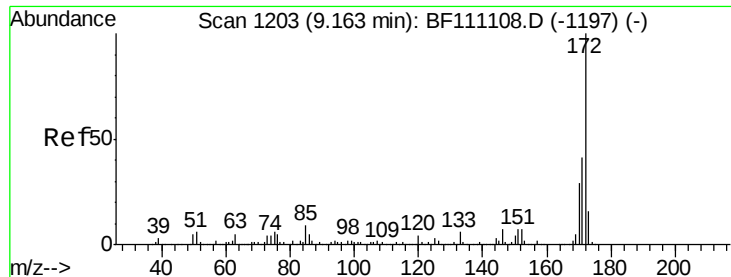
#42
2,4,6-Tribromophenol
Concen: 143.131 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Tgt Ion:330 Resp: 1000272
Ion Ratio Lower Upper
330 100
332 98.1 77.2 115.8
141 41.9 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

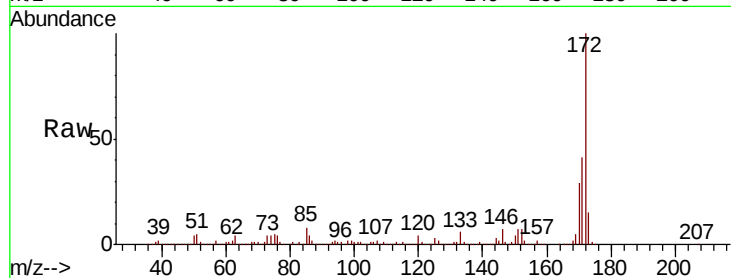




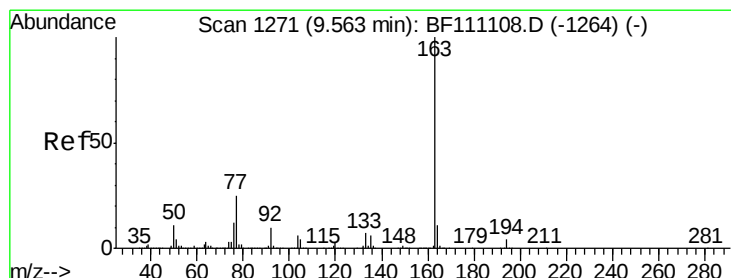
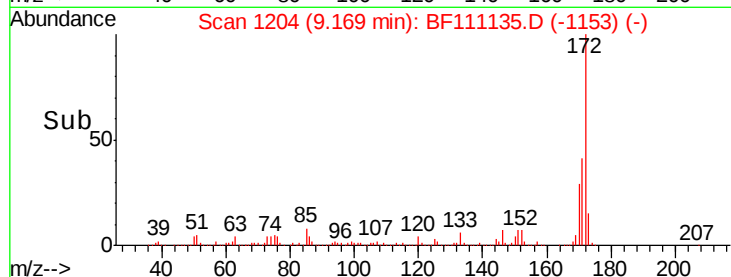
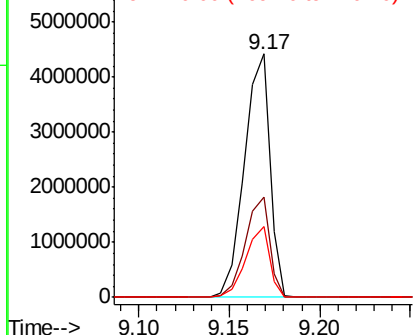
#45
2-Fluorobiphenyl
Concen: 92.478 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 4332289
Ion Ratio Lower Upper
172 100
171 41.3 33.2 49.8
170 29.1 22.9 34.3

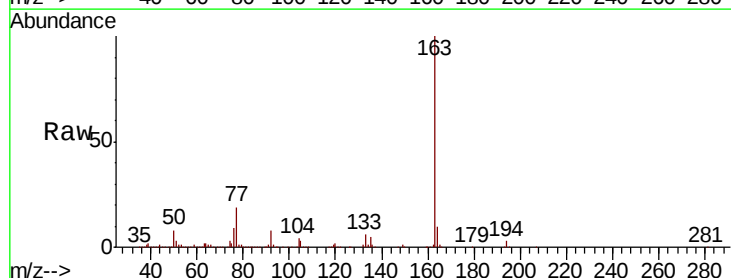


Abundance Ion 172.00 (171.70 to 172.70): E
6000000 Ion 171.00 (170.70 to 171.70): E
5000000 Ion 170.00 (169.70 to 170.70): E

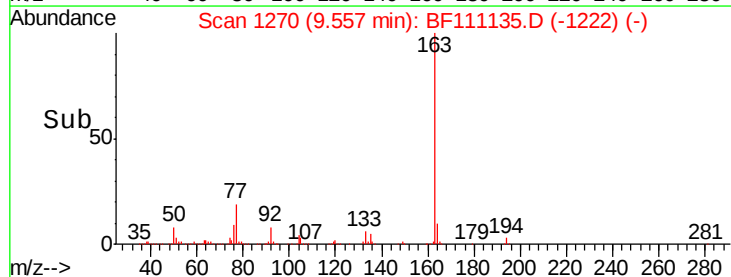
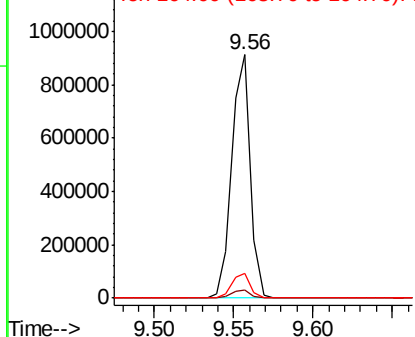


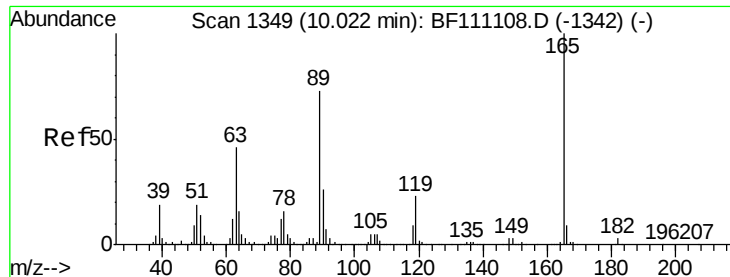
#50
Dimethylphthalate
Concen: 12.024 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Tgt Ion:163 Resp: 735751
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.2 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
1200000 Ion 194.00 (193.70 to 194.70): E
1000000 Ion 164.00 (163.70 to 164.70): E

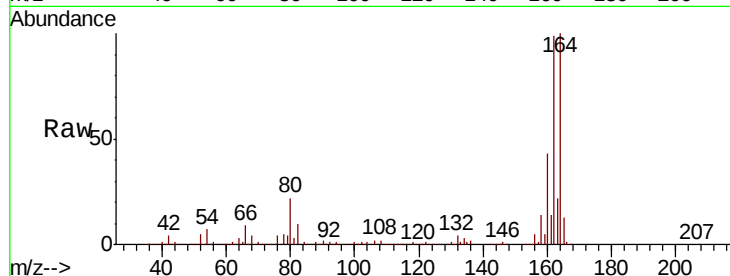




#57
2,4-Dinitrotoluene
Concen: 6.770 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.7	58.4	87.6#
182	0.0	2.1	3.1#



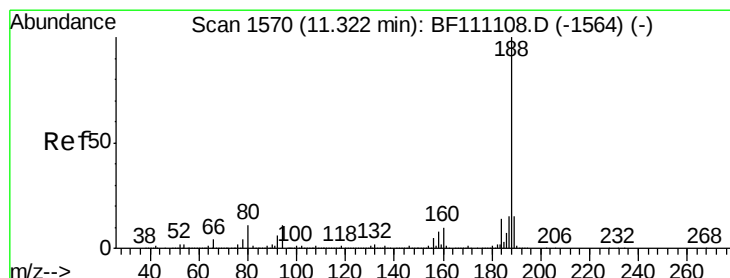
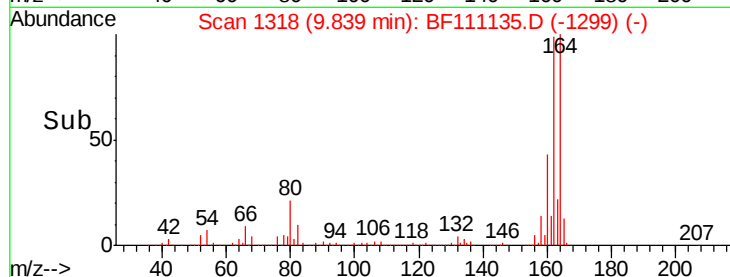
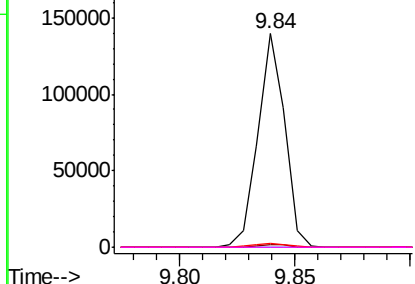
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

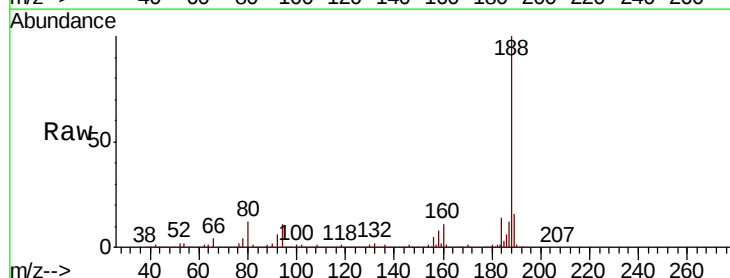
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF111135.D
Acq: 6 Dec 2018 13:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.9	9.0	13.6

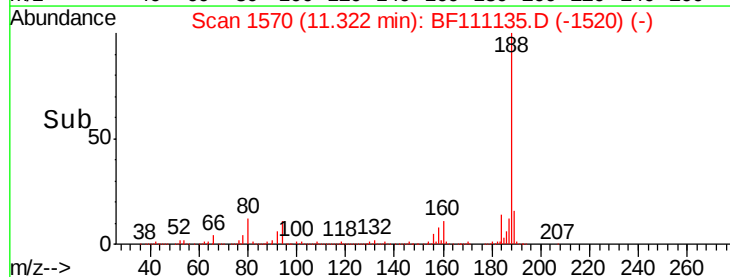
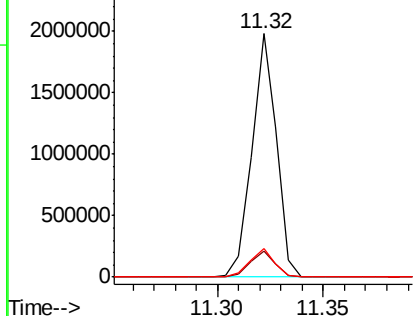


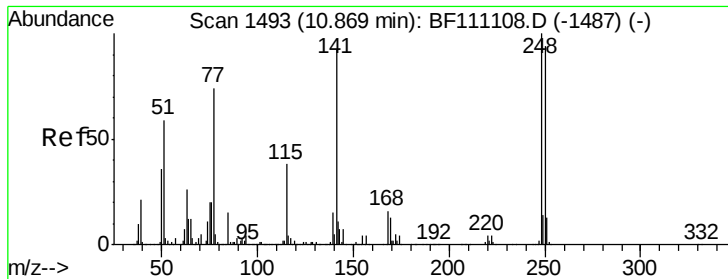
Abundance

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

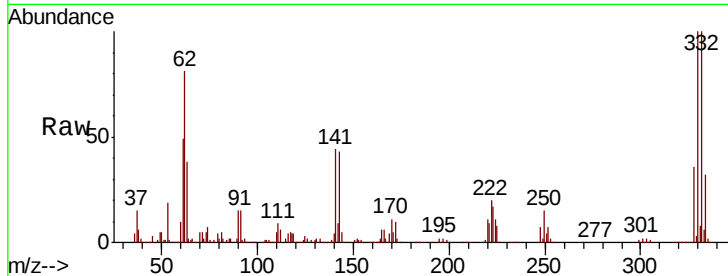




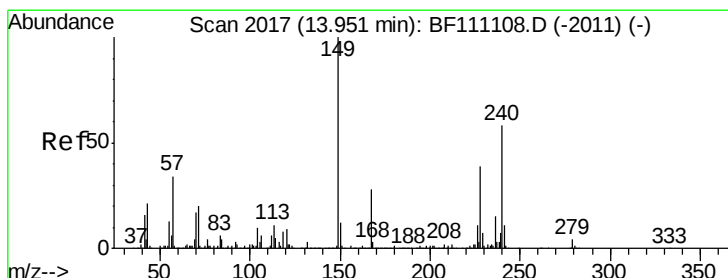
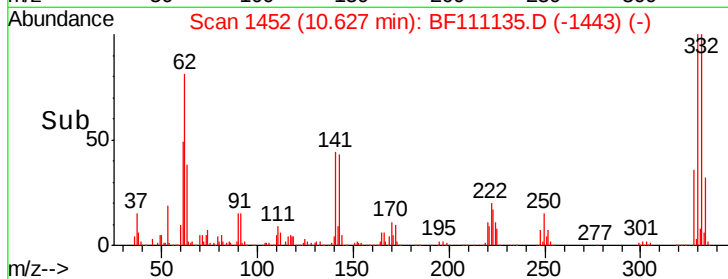
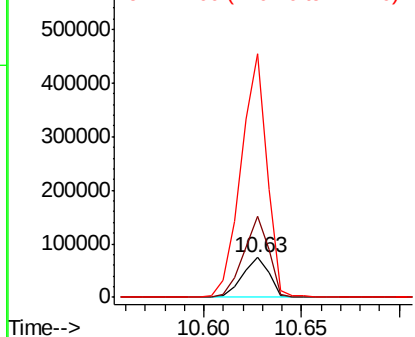
#67
 4-Bromophenyl-phenylether
 Concen: 4.167 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF111135.D
 Acq: 6 Dec 2018 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 70205
 Ion Ratio Lower Upper
 248 100
 250 202.6 75.4 113.0#
 141 612.7 73.8 110.6#

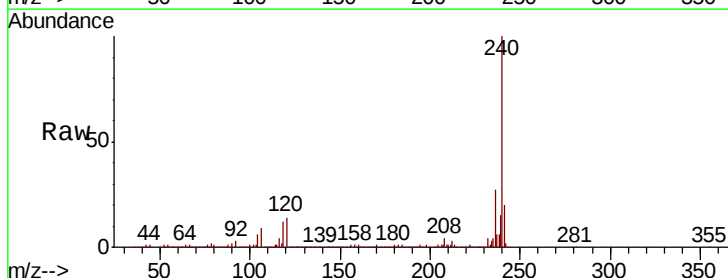


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

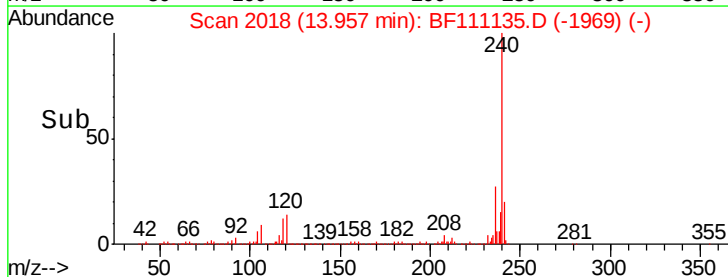
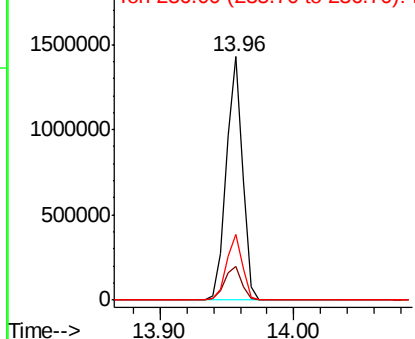


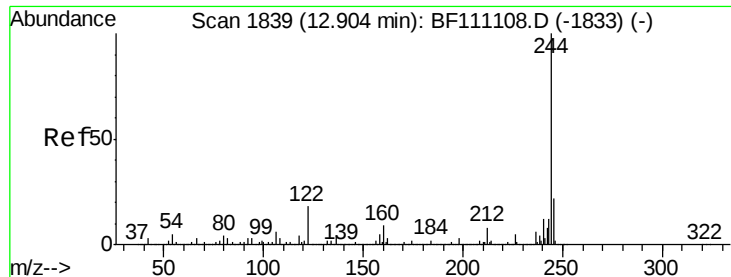
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF111135.D
 Acq: 6 Dec 2018 13:46

Tgt Ion:240 Resp: 1227789
 Ion Ratio Lower Upper
 240 100
 120 13.6 12.8 19.2
 236 27.0 21.1 31.7



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

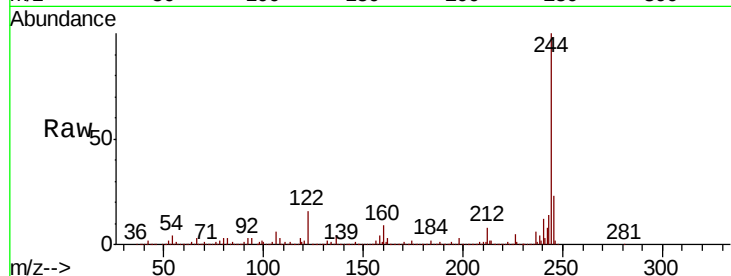




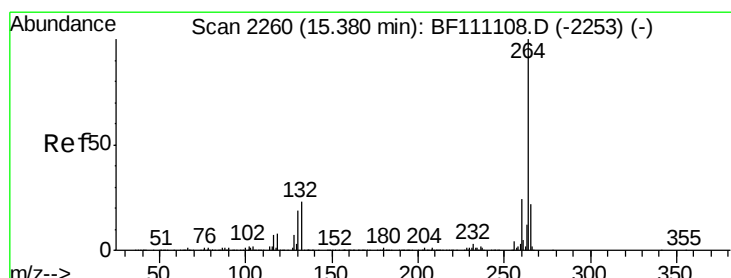
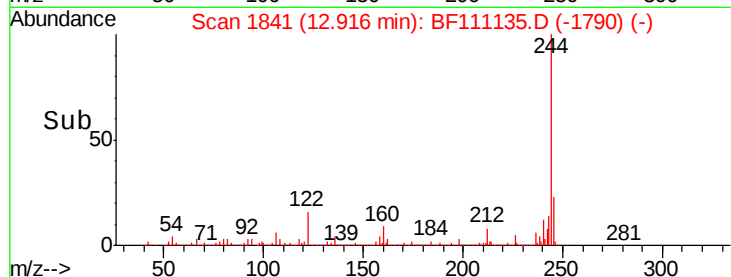
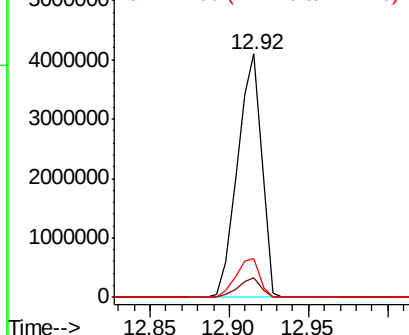
#79
 Terphenyl-d14
 Concen: 71.684 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF111135.D
 Acq: 6 Dec 2018 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 4297516
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 16.1 14.2 21.2

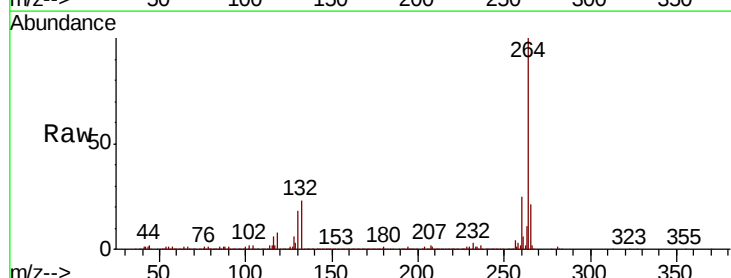


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF111135.D
 Acq: 6 Dec 2018 13:46

Tgt Ion:264 Resp: 936627
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 21.3 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

