

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111146.D
 Acq On : 6 Dec 2018 19:00
 Operator : JU/SJ
 Sample : J6206-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 21:53:36 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

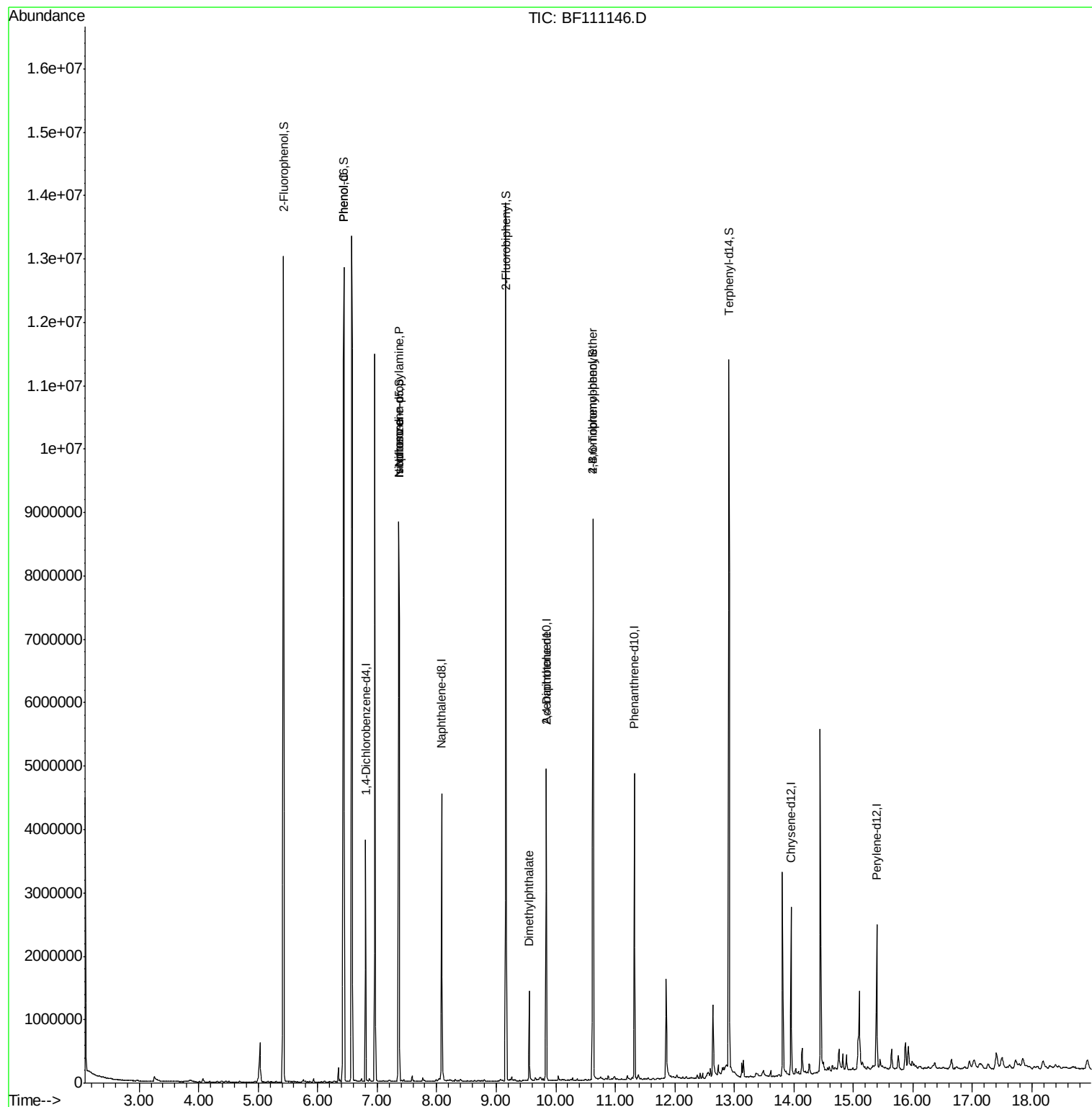
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	490572	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1901632	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	923820	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1545487	20.00	ng	0.00
76) Chrysene-d12	13.96	240	871066	20.00	ng	0.00
87) Perylene-d12	15.39	264	917382	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3649035	116.07	ng	0.01
7) Phenol-d6	6.44	99	4555006	112.48	ng	0.00
23) Nitrobenzene-d5	7.36	82	3004101	93.53	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	918492	125.08	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4544643	92.29	ng	0.00
79) Terphenyl-d14	12.91	244	3548518	83.43	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	42854	Below Cal		90
10) Phenol	6.45	94	339077	7.679 ng		93
19) n-Nitroso-di-n-propylamine	7.36	70	417280	15.333 ng	#	76
25) Isophorone	7.36	82	2989493	50.714 ng	#	65
50) Dimethylphthalate	9.55	163	534025	8.306 ng		98
57) 2,4-Dinitrotoluene	9.84	165	120395	6.839 ng	#	23
67) 4-Bromophenyl-phenylether	10.63	248	62442	3.817 ng	#	1

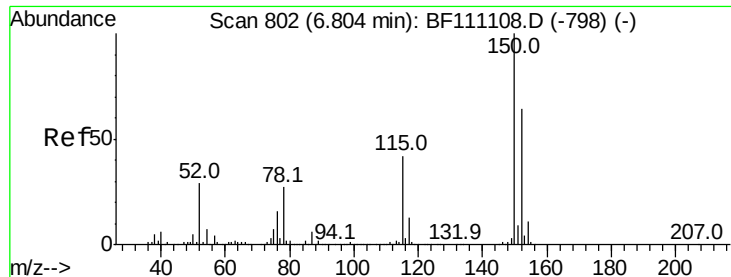
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111146.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Quant Time: Dec 06 21:53:36 2018
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Response via : Initial Calibration



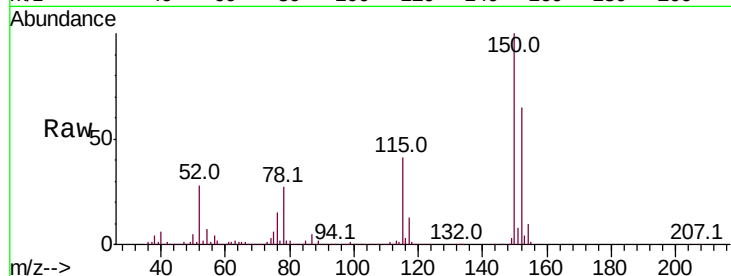


#1

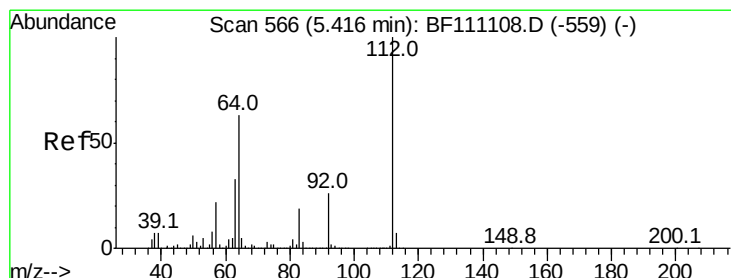
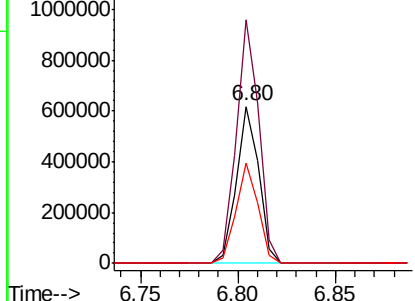
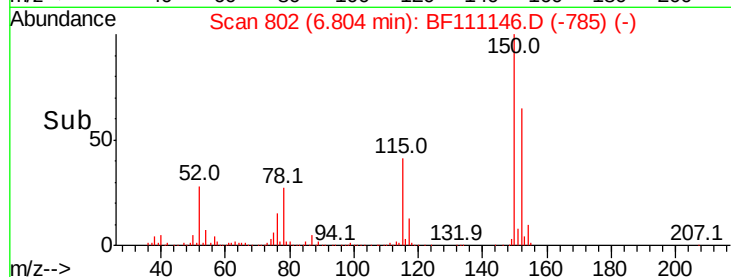
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111146.D
Acq: 6 Dec 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 490572
Ion Ratio Lower Upper
152 100
150 154.9 124.6 187.0
115 63.4 52.2 78.2



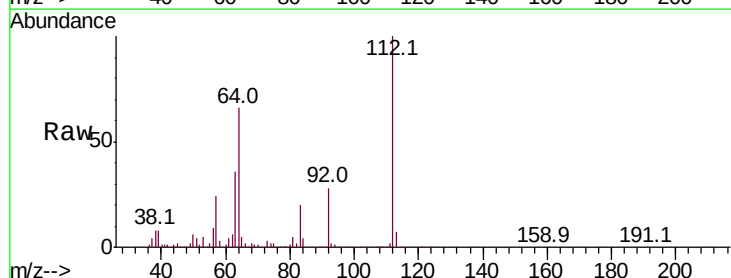
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



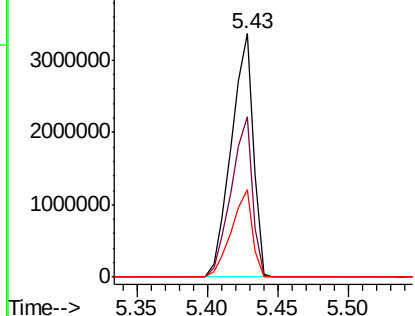
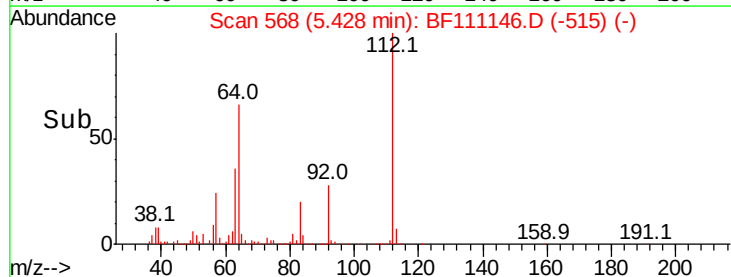
#5

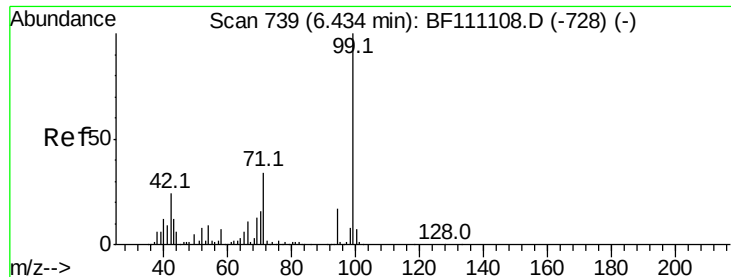
2-Fluorophenol
Concen: 116.072 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111146.D
Acq: 6 Dec 2018 19:00

Tgt Ion:112 Resp: 3649035
Ion Ratio Lower Upper
112 100
64 66.0 50.2 75.4
63 35.9 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: 112.477 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111146.D

Acq: 6 Dec 2018 19:00

Instrument :

BNA_F

ClientSampled :

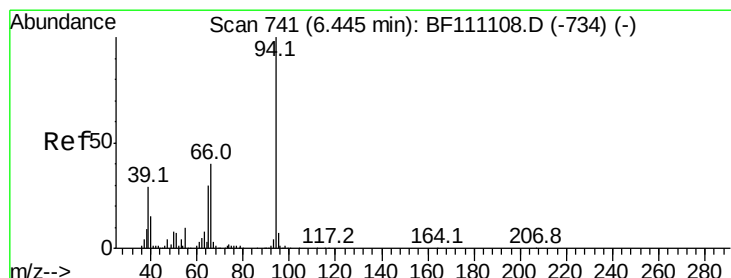
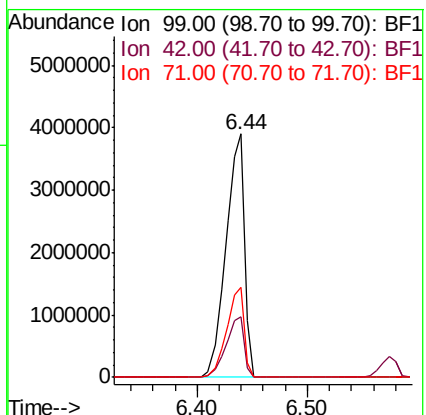
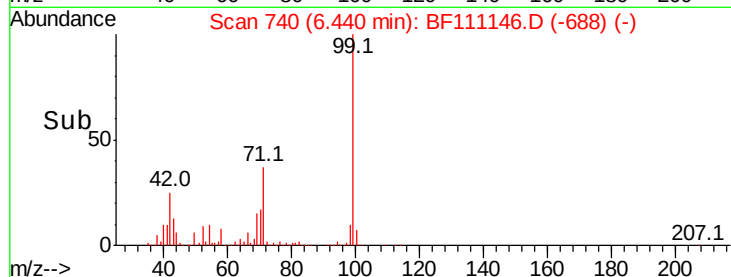
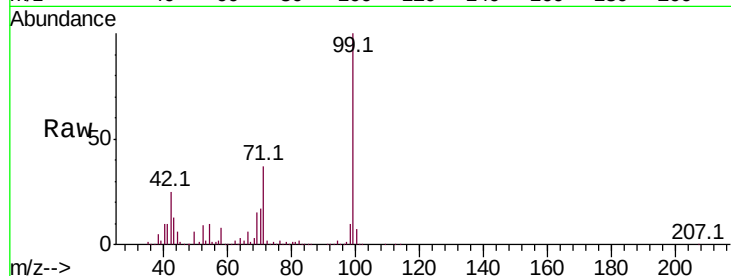
Tot Ion: 99 Resp: 4555006

Ion Ratio Lower Upper

99 100

42 25.1 19.3 28.9

71 36.9 27.4 41.2



#10

Phenol

Concen: 7.679 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111146.D

Acq: 6 Dec 2018 19:00

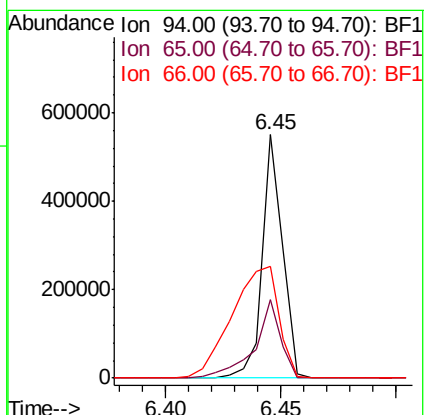
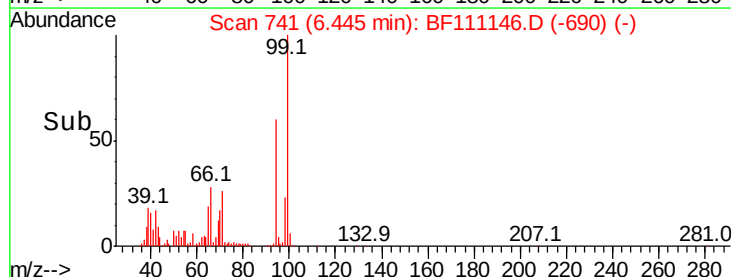
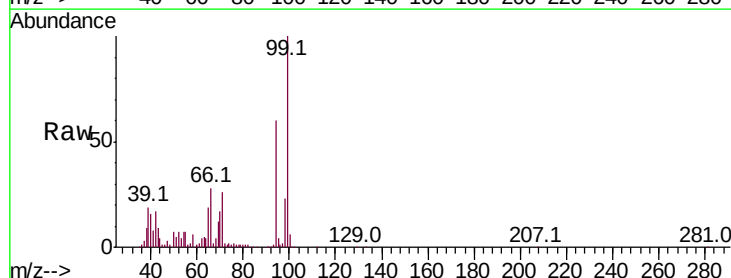
Tgt Ion: 94 Resp: 339077

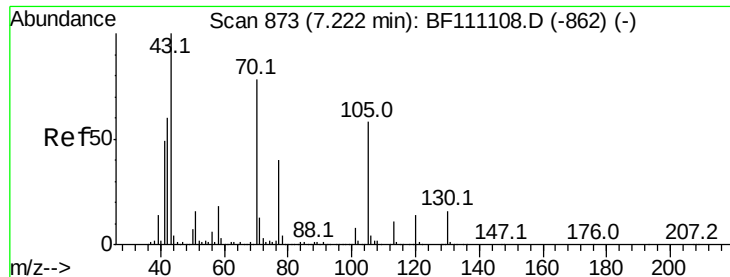
Ion Ratio Lower Upper

94 100

65 32.0 10.5 50.5

66 45.8 19.8 59.8

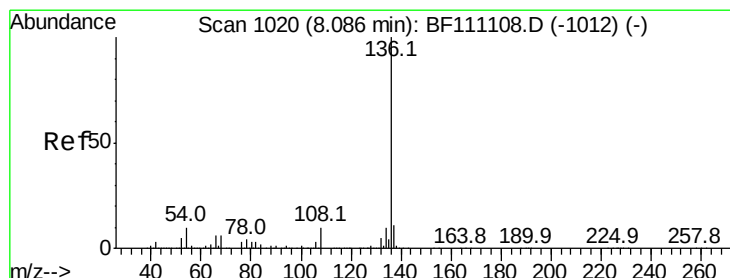
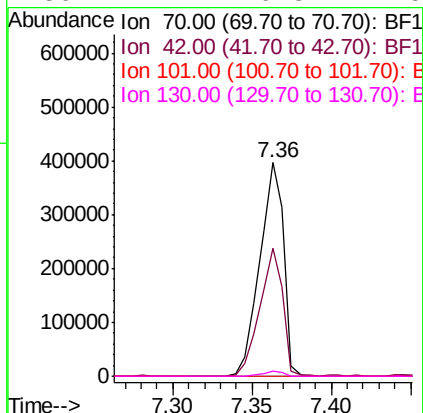
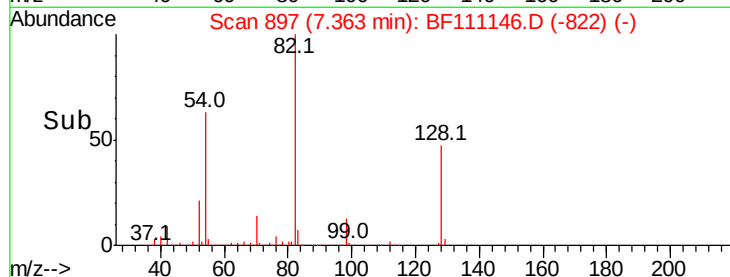
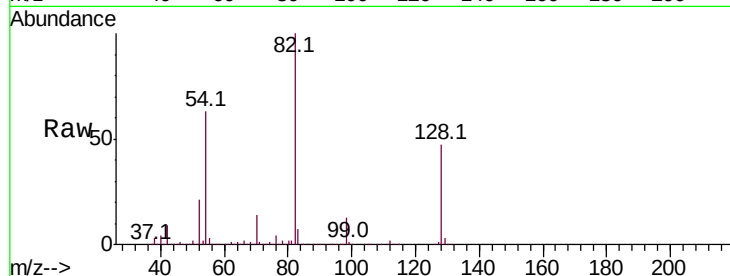




#19
n-Nitroso-di-n-propylamine
Concen: 15.333 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111146.D
Acq: 6 Dec 2018 19:00

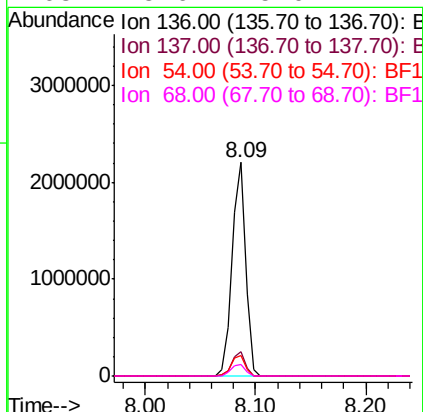
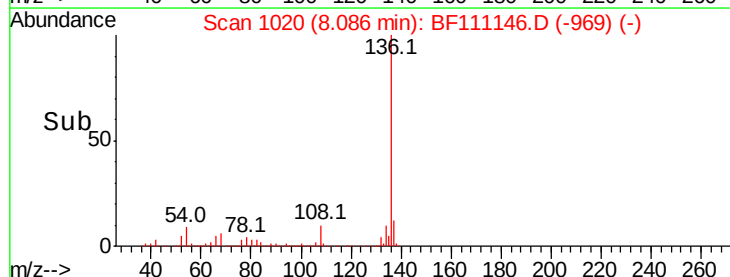
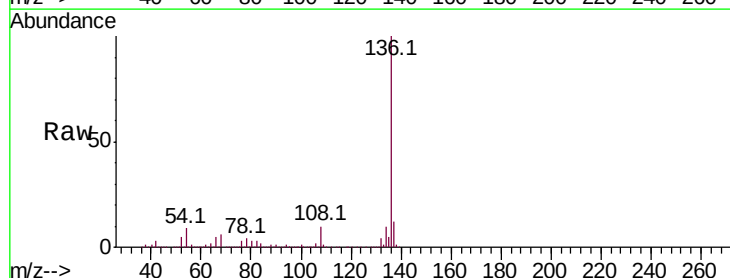
Instrument :
BNA_F
ClientSampleId :

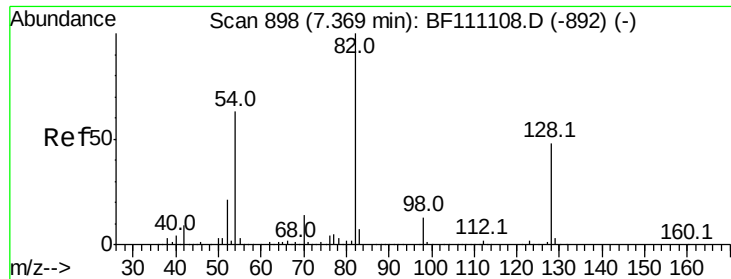
Tot Ion: 70 Resp: 417280
Ion Ratio Lower Upper
70 100
42 59.6 61.3 91.9#
101 0.0 7.7 11.5#
130 2.4 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111146.D
Acq: 6 Dec 2018 19:00

Tgt Ion:136 Resp: 1901632
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 9.3 8.4 12.6
68 5.6 5.0 7.4

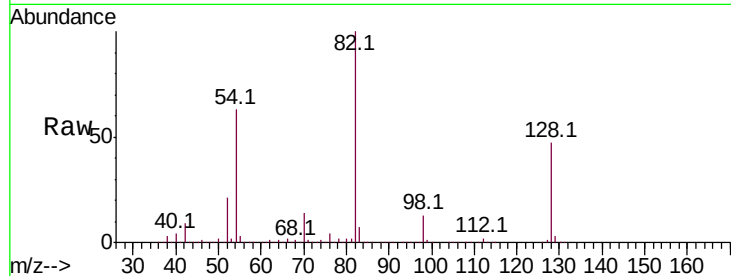




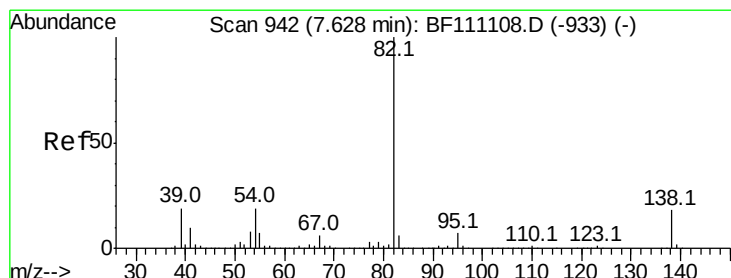
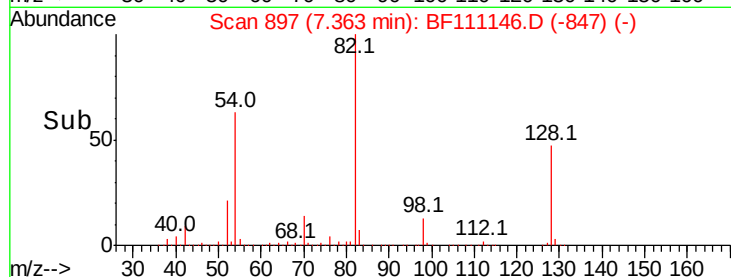
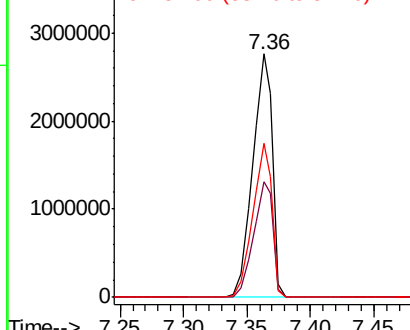
#23
Nitrobenzene-d5
Concen: 93.527 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111146.D
Acq: 6 Dec 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 3004101
Ion Ratio Lower Upper
82 100
128 47.3 38.1 57.1
54 63.1 50.3 75.5

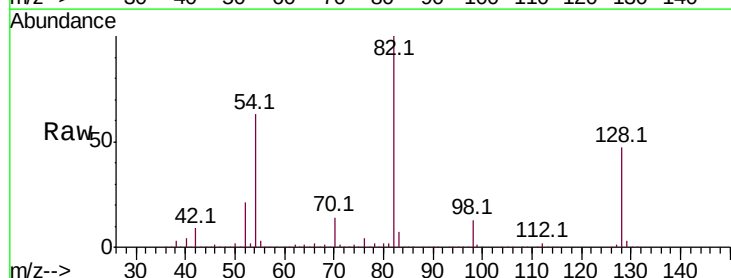


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

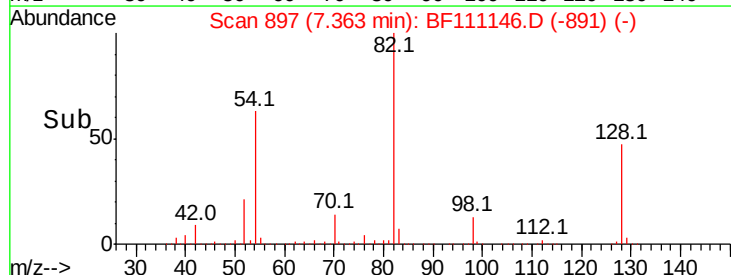
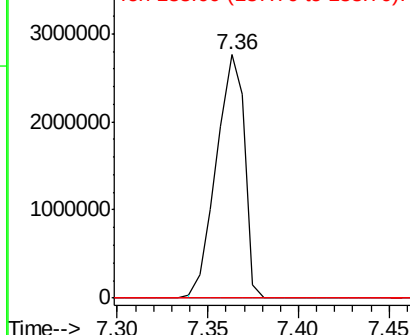


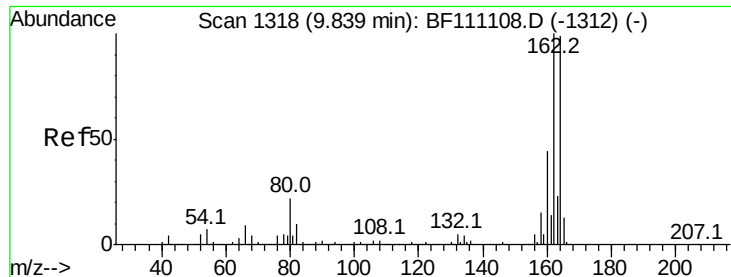
#25
Isophorone
Concen: 50.714 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111146.D
Acq: 6 Dec 2018 19:00

Tgt Ion: 82 Resp: 2989493
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. -0.00 min

Lab File: BF111146.D

Acq: 6 Dec 2018 19:00

Instrument :

BNA_F

ClientSampled :

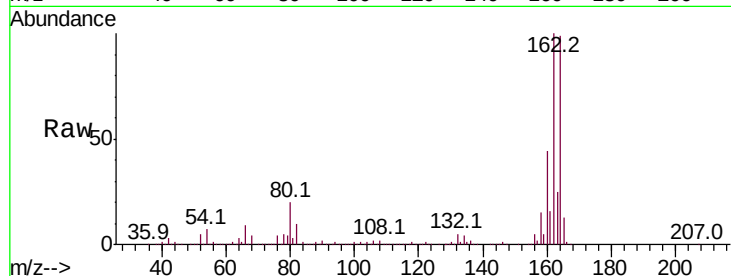
Tot Ion:164 Resp: 923820

Ion Ratio Lower Upper

164 100

162 100.6 80.6 120.8

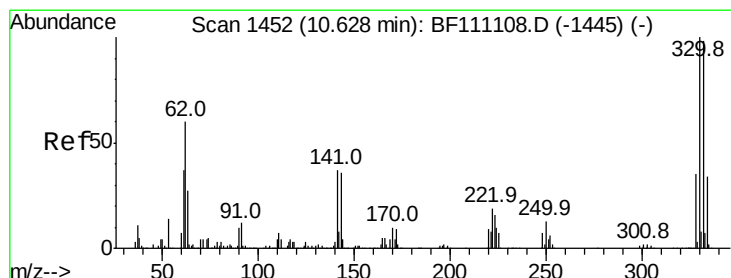
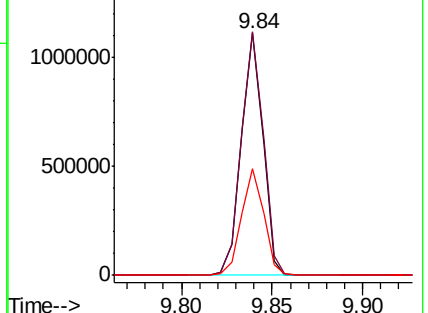
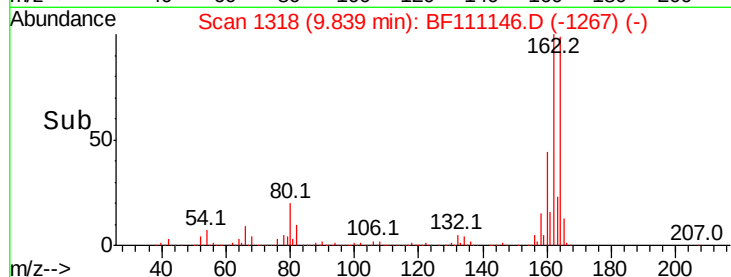
160 44.2 35.5 53.3



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: 125.079 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111146.D

Acq: 6 Dec 2018 19:00

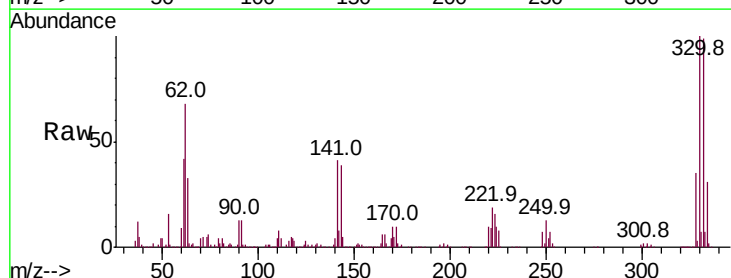
Tgt Ion:330 Resp: 918492

Ion Ratio Lower Upper

330 100

332 97.9 77.2 115.8

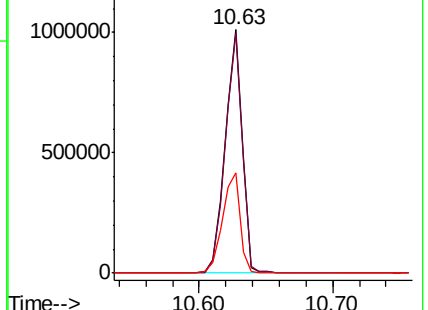
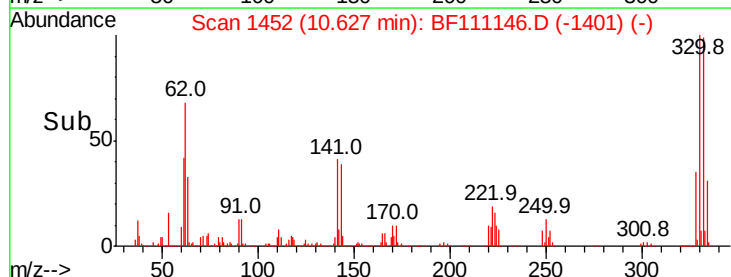
141 42.4 36.1 54.1

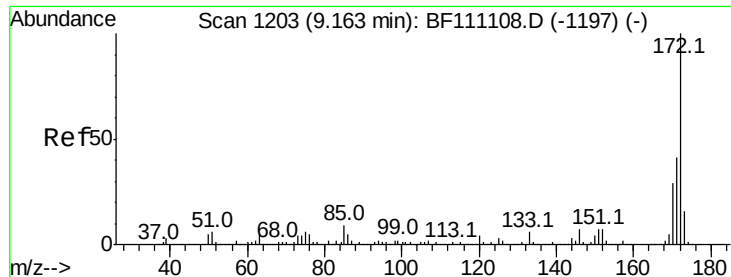


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



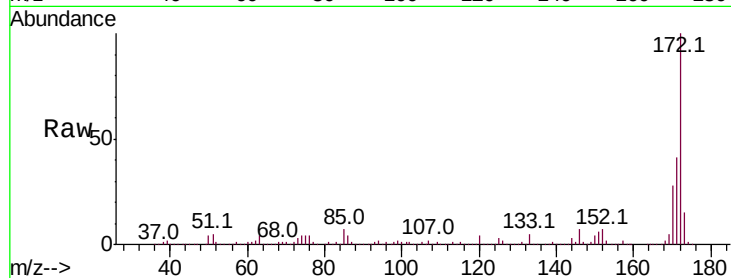


#45
 2-Fluorobiphenyl
 Concen: 92.295 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111146.D
 Acq: 6 Dec 2018 19:00

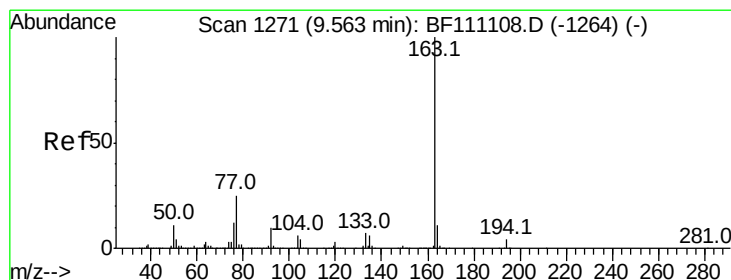
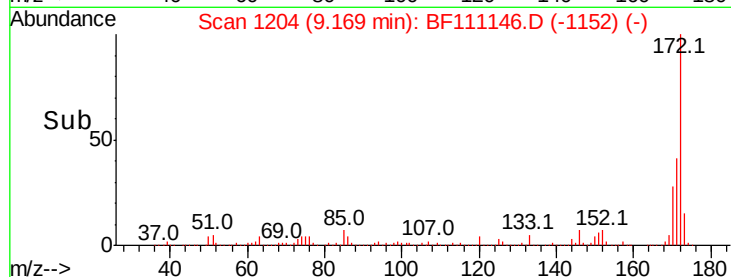
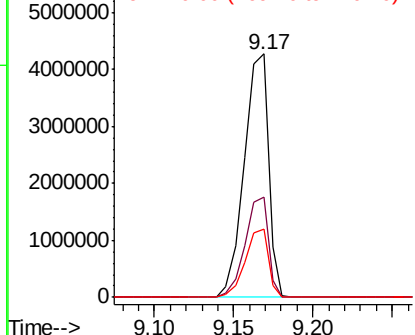
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 4544643

Ion	Ratio	Lower	Upper
172	100		
171	41.3	33.2	49.8
170	28.1	22.9	34.3



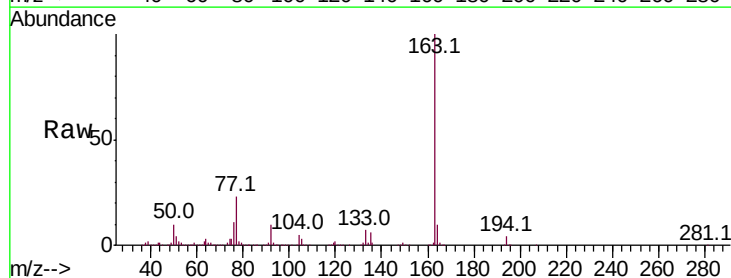
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



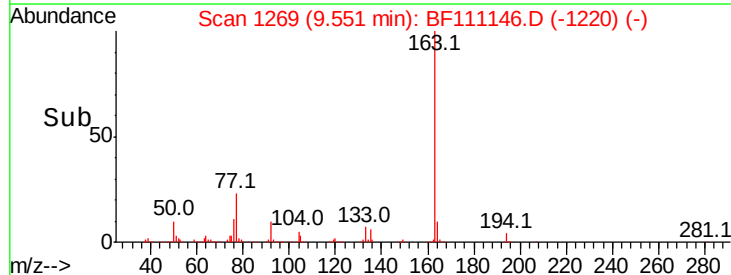
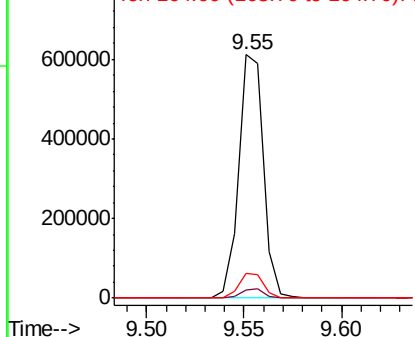
#50
 Dimethylphthalate
 Concen: 8.306 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF111146.D
 Acq: 6 Dec 2018 19:00

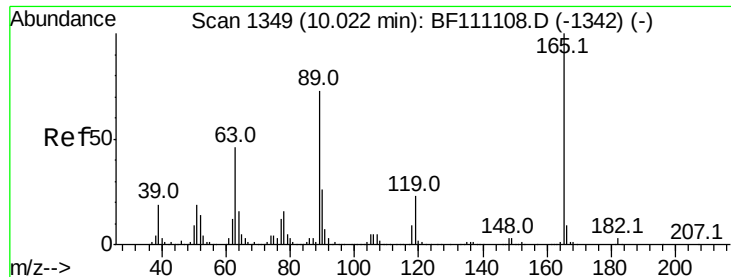
Tgt Ion:163 Resp: 534025

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
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

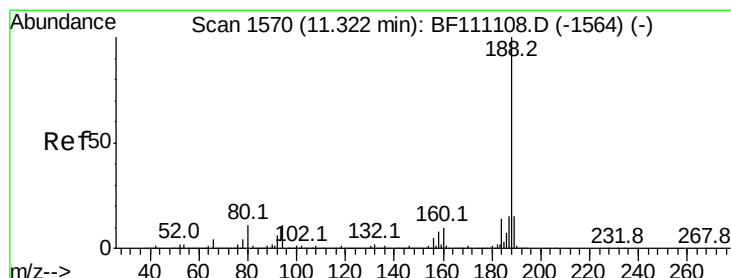
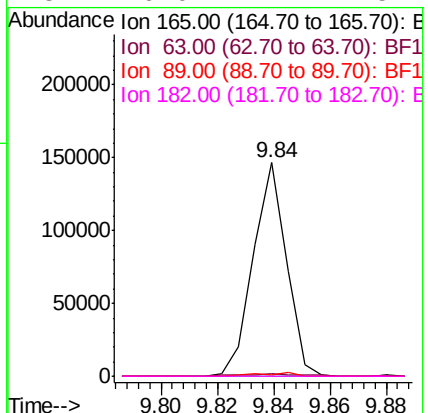
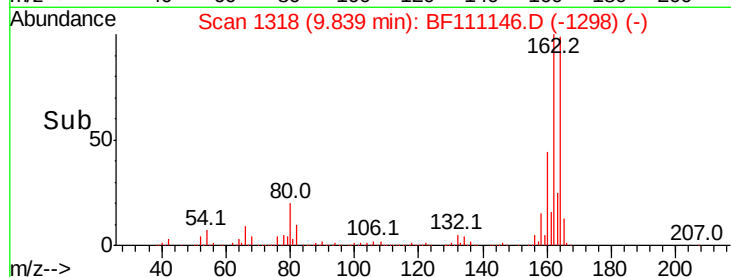
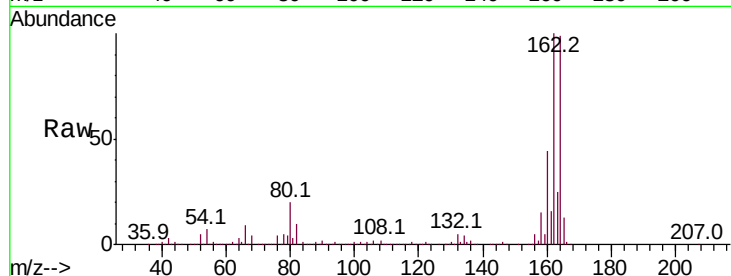




#57
 2,4-Dinitrotoluene
 Concen: 6.839 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF111146.D
 Acq: 6 Dec 2018 19:00

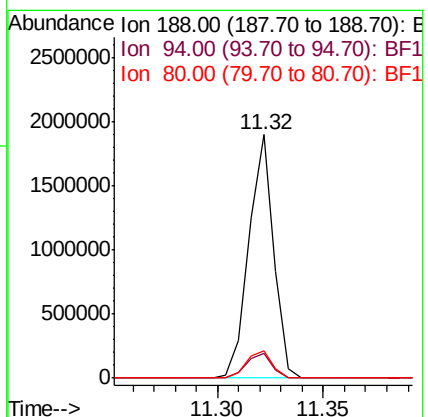
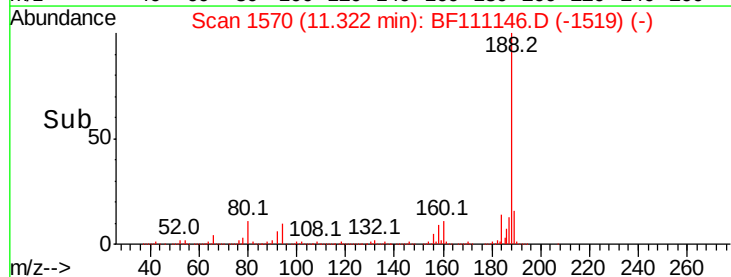
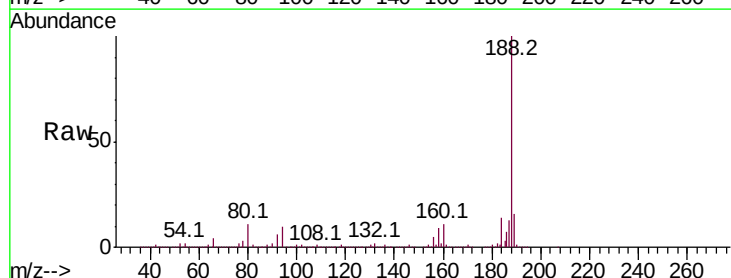
Instrument :
 BNA_F
 ClientSampleId :

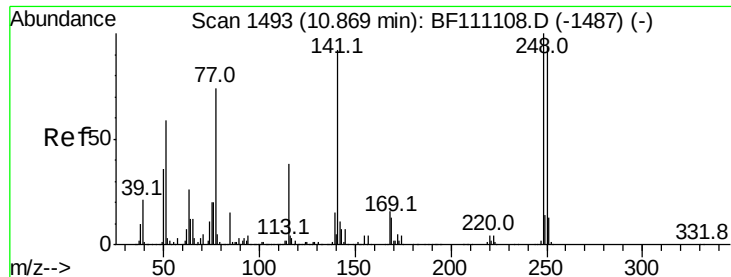
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	0.8	58.4	87.6#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF111146.D
 Acq: 6 Dec 2018 19:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.4	9.0	13.6

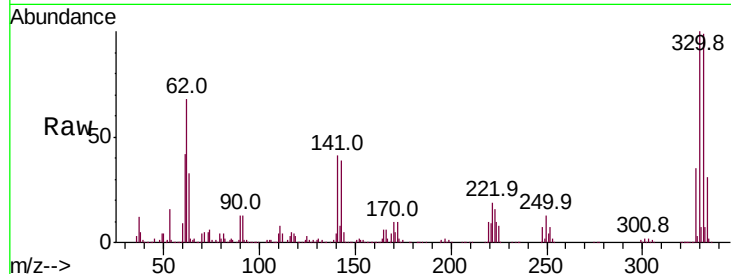




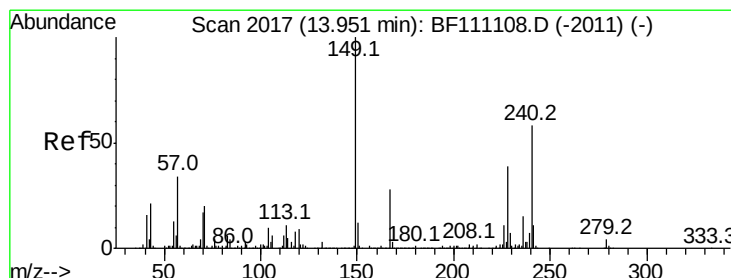
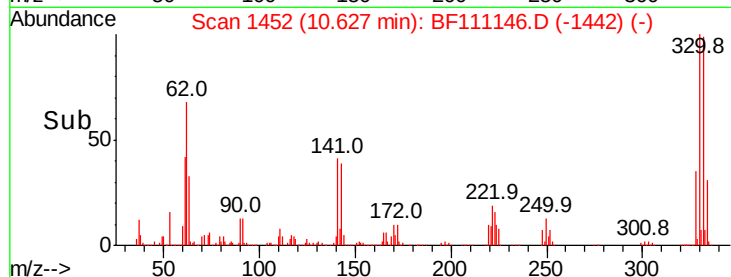
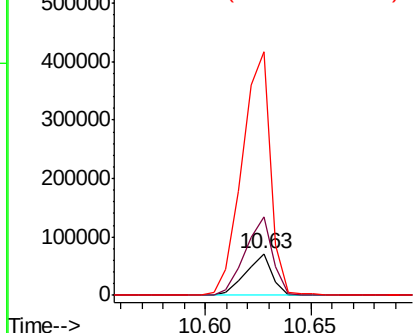
#67
 4-Bromophenyl-phenylether
 Concen: 3.817 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF111146.D
 Acq: 6 Dec 2018 19:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 62442
 Ion Ratio Lower Upper
 248 100
 250 187.2 75.4 113.0#
 141 585.2 73.8 110.6#

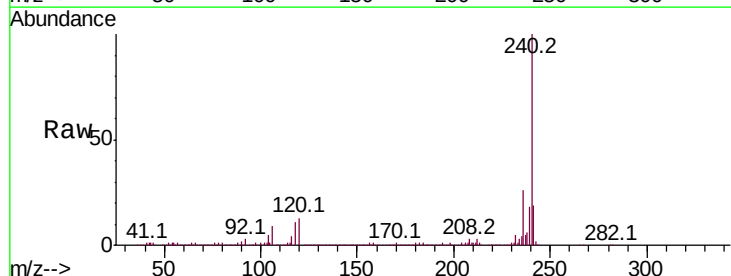


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

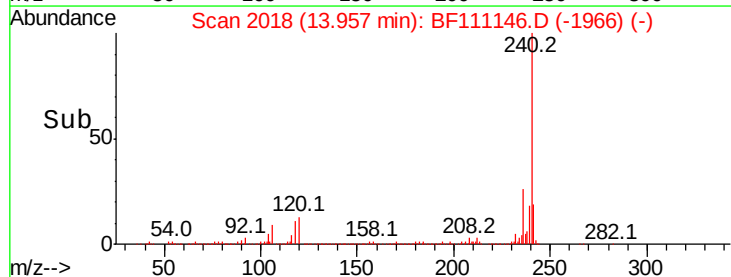
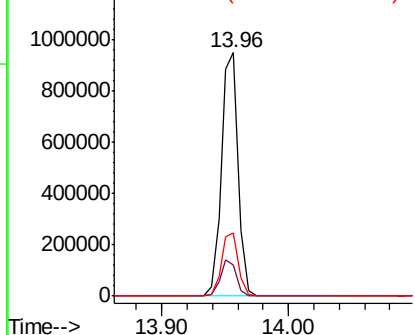


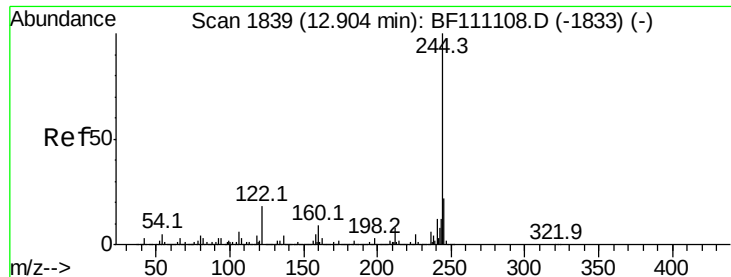
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111146.D
 Acq: 6 Dec 2018 19:00

Tgt Ion:240 Resp: 871066
 Ion Ratio Lower Upper
 240 100
 120 12.7 12.8 19.2#
 236 26.1 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: 83.430 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111146.D

Acq: 6 Dec 2018 19:00

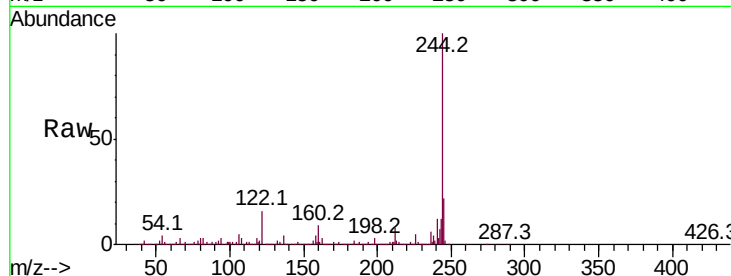
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 3548518

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	16.3	14.2	21.2

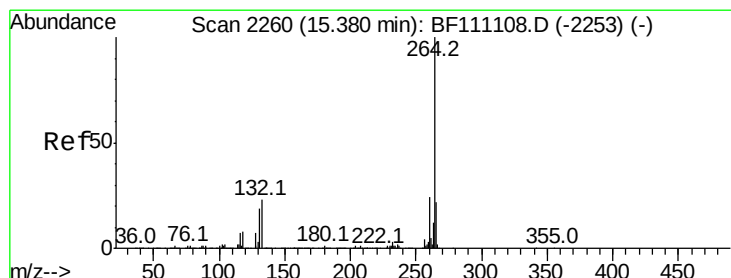
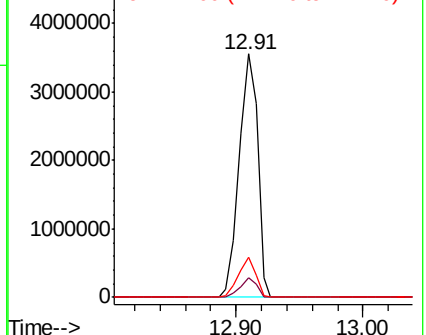
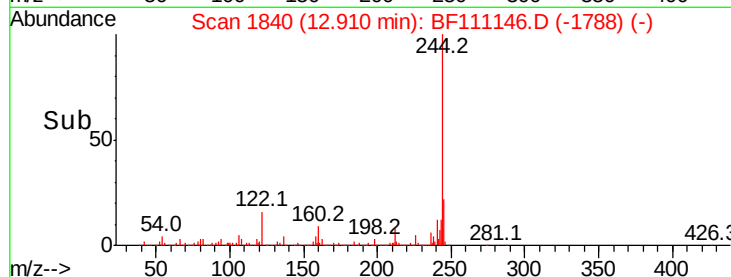


Abundance

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

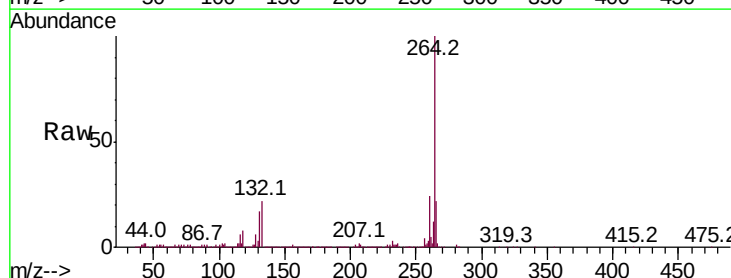
Delta R.T. 0.01 min

Lab File: BF111146.D

Acq: 6 Dec 2018 19:00

Tgt Ion:264 Resp: 917382

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.6	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

