

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111155.D
 Acq On : 6 Dec 2018 23:06
 Operator : JU/SJ
 Sample : J6206-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 02:10:17 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

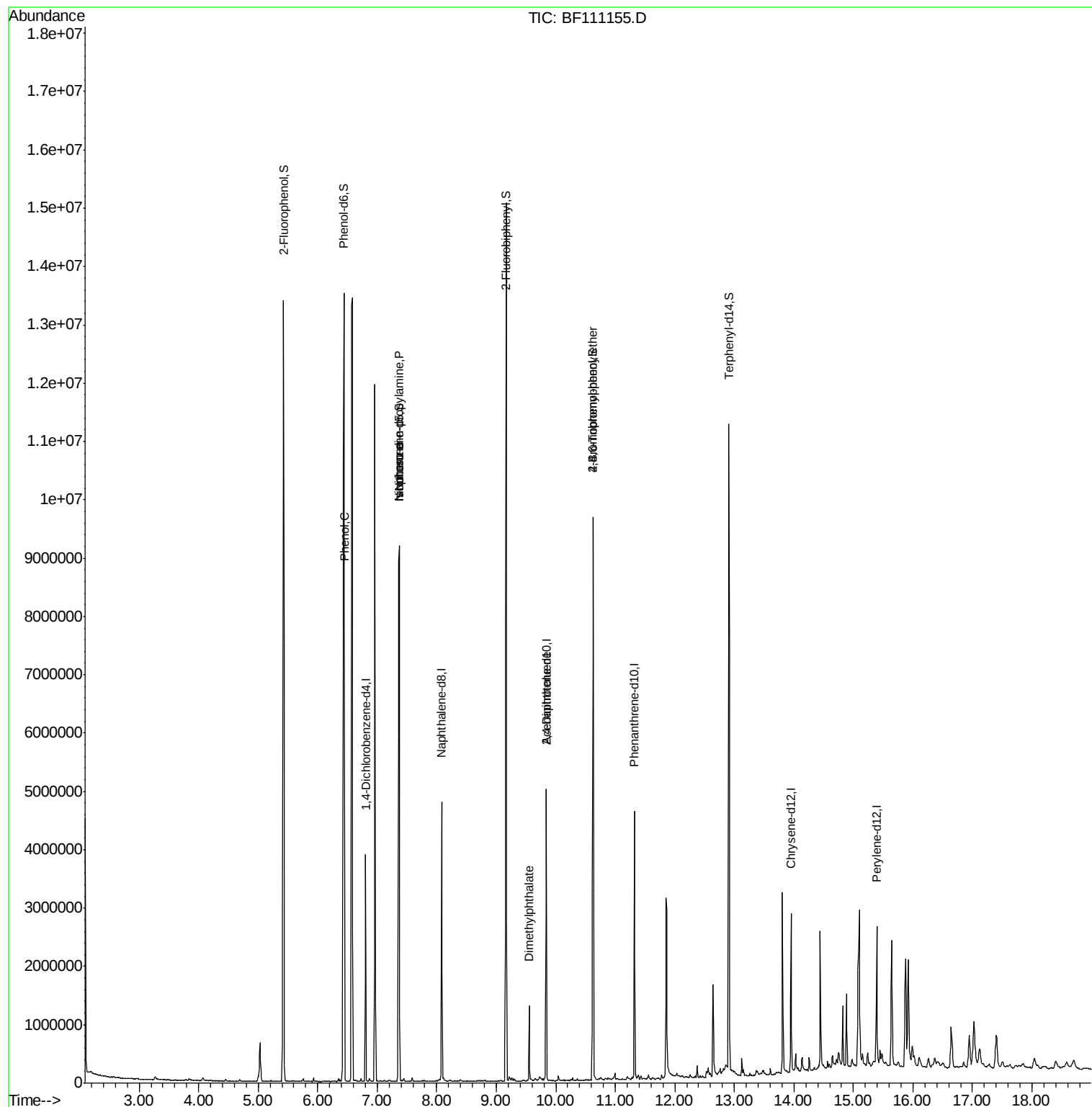
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	488863	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1907172	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	909940	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1466613	20.00	ng	0.00
76) Chrysene-d12	13.96	240	881936	20.00	ng	0.00
87) Perylene-d12	15.39	264	947766	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3937950	125.70	ng	0.01
7) Phenol-d6	6.44	99	4921395	121.95	ng	0.00
23) Nitrobenzene-d5	7.37	82	3242359	100.65	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1016889	140.59	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4762486	99.30	ng	0.00
79) Terphenyl-d14	12.91	244	3526479	81.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	10384	Below Cal		Qvalue 93
10) Phenol	6.45	94	324509	7.375 ng		91
19) n-Nitroso-di-n-propylamine	7.37	70	447862	16.514 ng	#	73
25) Isophorone	7.37	82	3228364	54.607 ng	#	65
50) Dimethylphthalate	9.55	163	476507	7.524 ng		98
57) 2,4-Dinitrotoluene	9.84	165	117701	6.788 ng	#	23
67) 4-Bromophenyl-phenylether	10.63	248	69069	4.449 ng	#	1

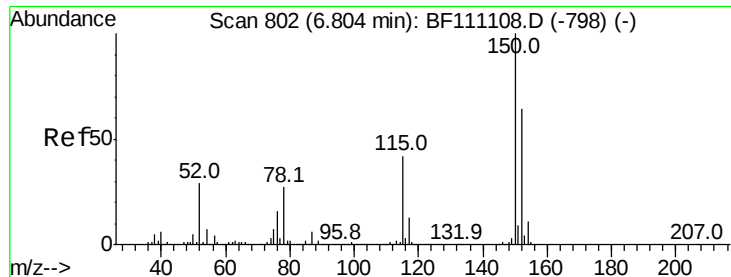
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

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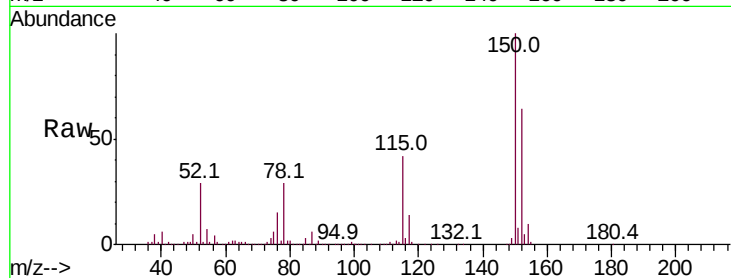


#1

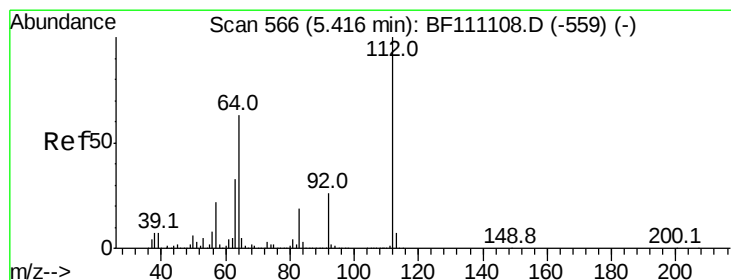
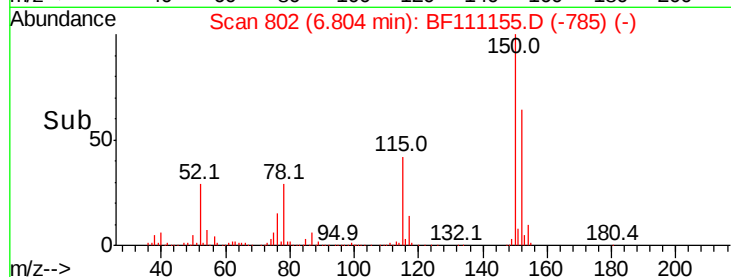
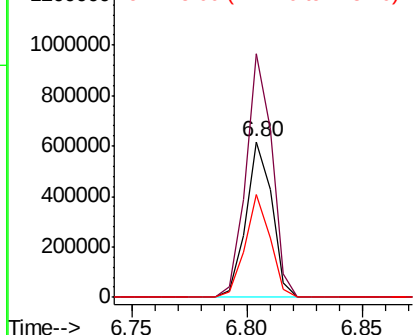
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111155.D
Acq: 6 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 488863
Ion Ratio Lower Upper
152 100
150 156.2 124.6 187.0
115 66.3 52.2 78.2



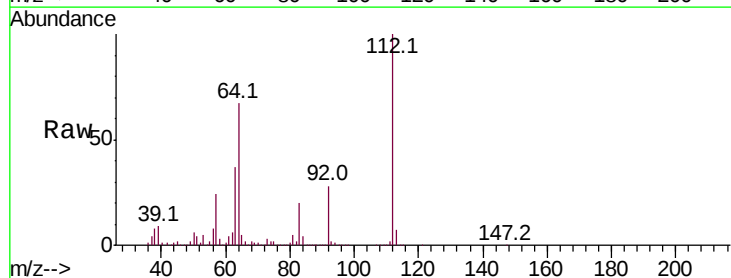
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



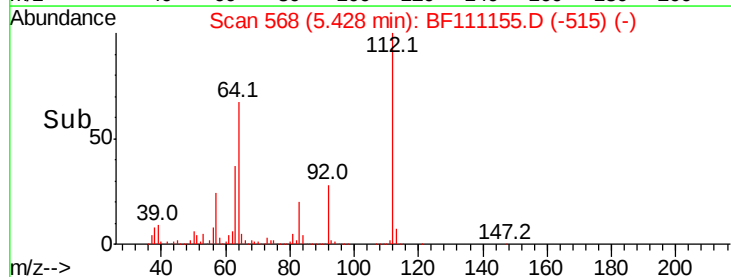
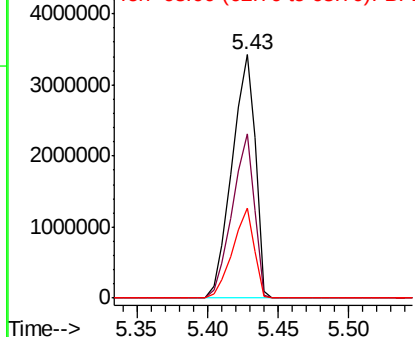
#5

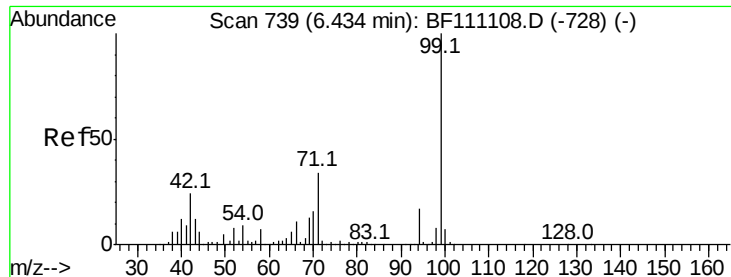
2-Fluorophenol
Concen: 125.700 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111155.D
Acq: 6 Dec 2018 23:06

Tgt Ion:112 Resp: 3937950
Ion Ratio Lower Upper
112 100
64 67.2 50.2 75.4
63 36.8 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: 121.949 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111155.D

Acq: 6 Dec 2018 23:06

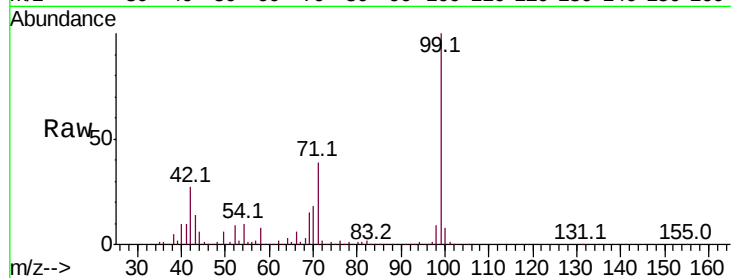
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 4921395

Ion	Ratio	Lower	Upper
99	100		
42	26.8	19.3	28.9
71	39.0	27.4	41.2

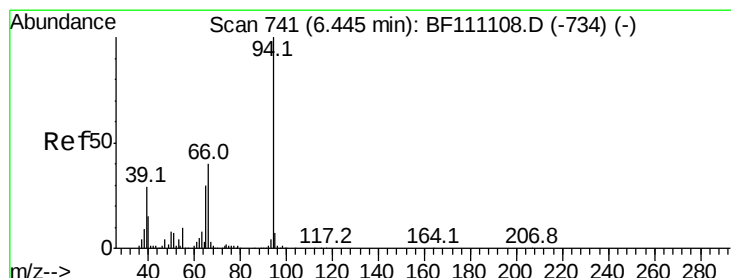
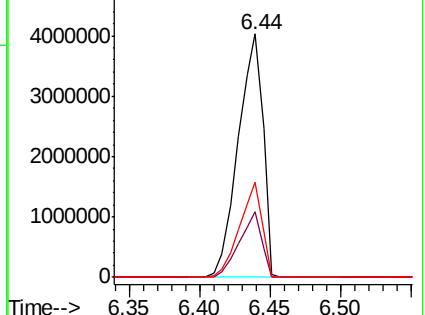
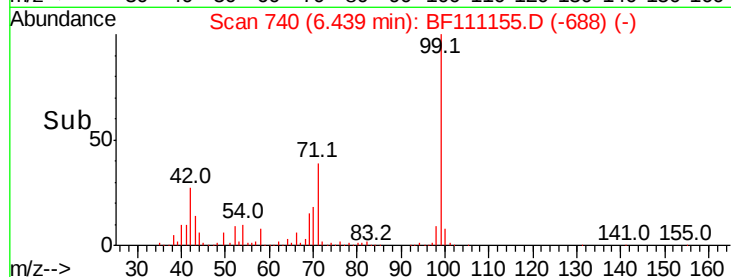


Abundance

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: 7.375 ng

RT: 6.45 min Scan# 742

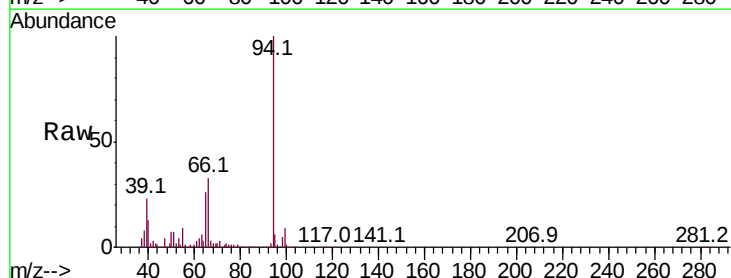
Delta R.T. 0.01 min

Lab File: BF111155.D

Acq: 6 Dec 2018 23:06

Tgt Ion: 94 Resp: 324509

Ion	Ratio	Lower	Upper
94	100		
65	26.1	10.5	50.5
66	33.3	19.8	59.8

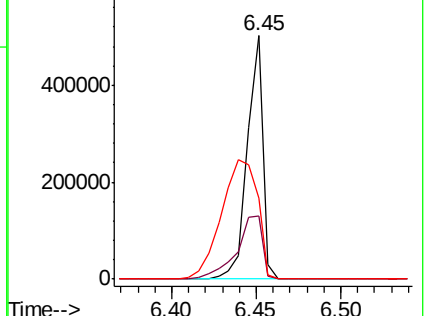
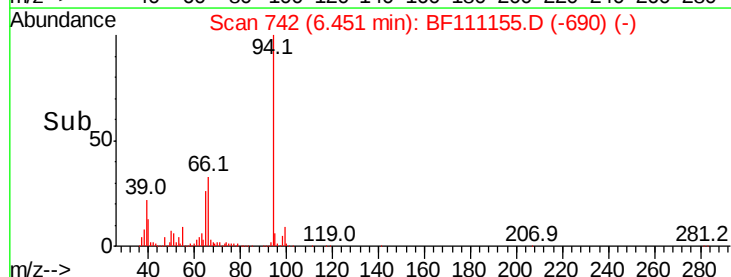


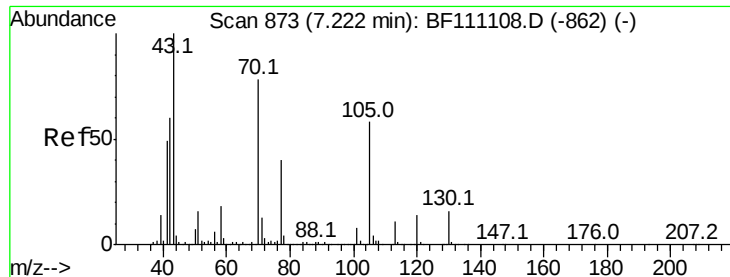
Abundance

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

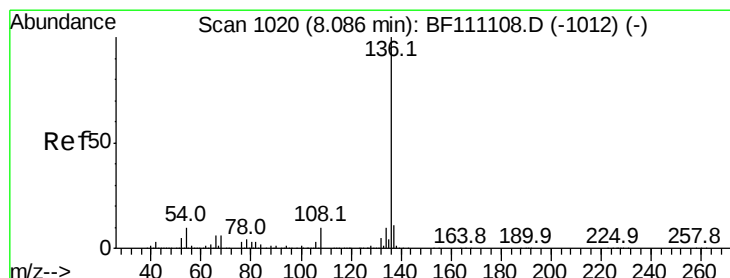
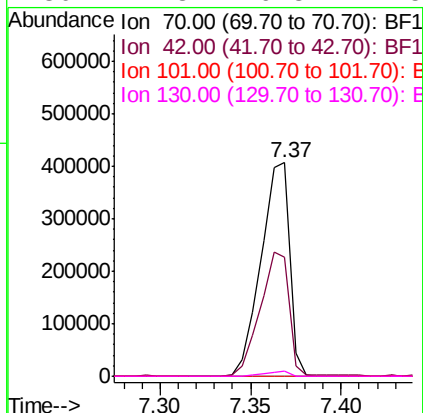
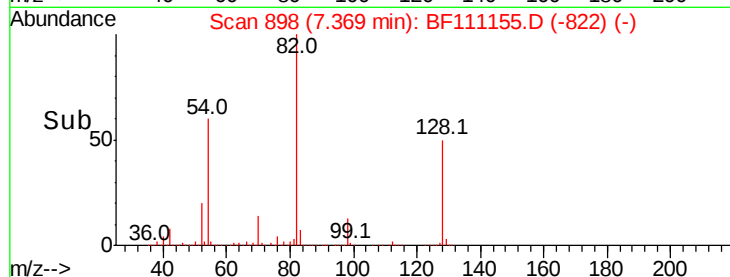
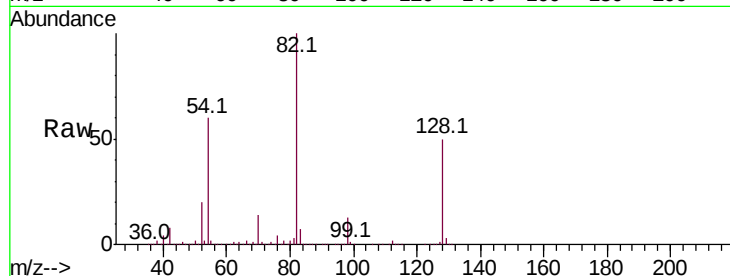




#19
n-Nitroso-di-n-propylamine
Concen: 16.514 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF111155.D
Acq: 6 Dec 2018 23:06

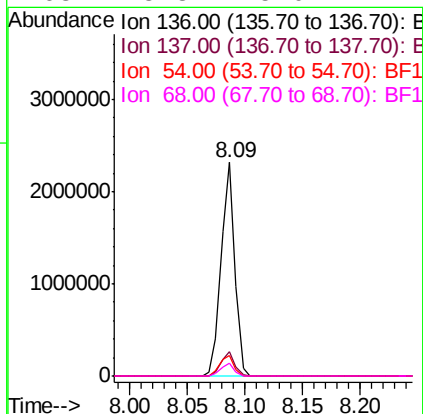
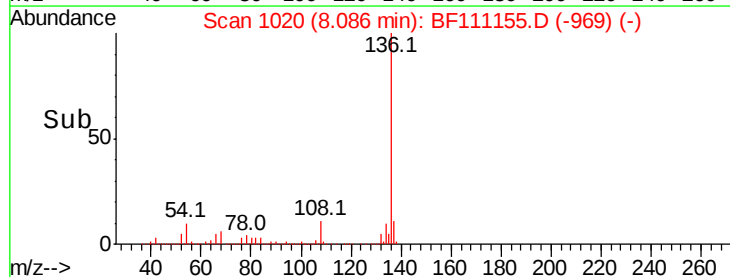
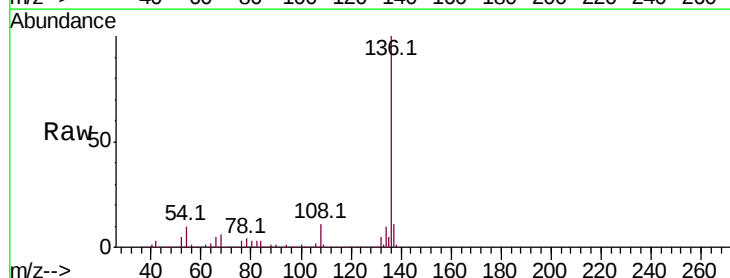
Instrument :
BNA_F
ClientSampleId :

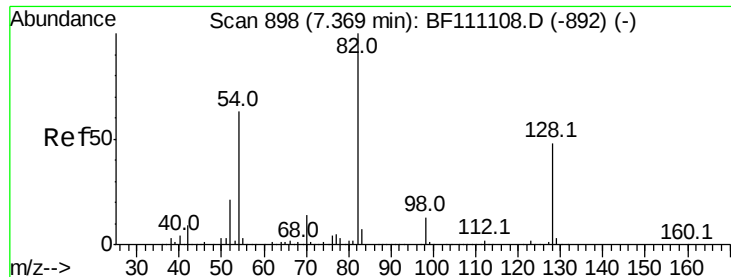
Tot Ion: 70 Resp: 447862
Ion Ratio Lower Upper
70 100
42 55.7 61.3 91.9#
101 0.0 7.7 11.5#
130 2.3 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111155.D
Acq: 6 Dec 2018 23:06

Tgt Ion:136 Resp: 1907172
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 9.6 8.4 12.6
68 5.8 5.0 7.4

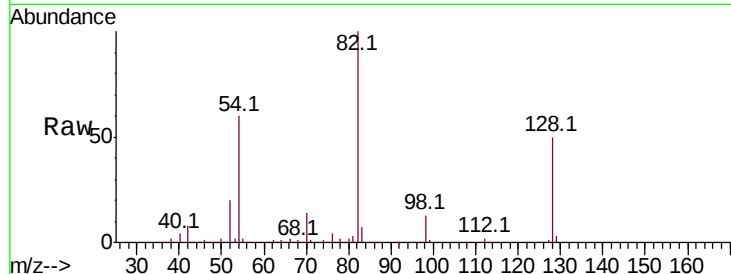




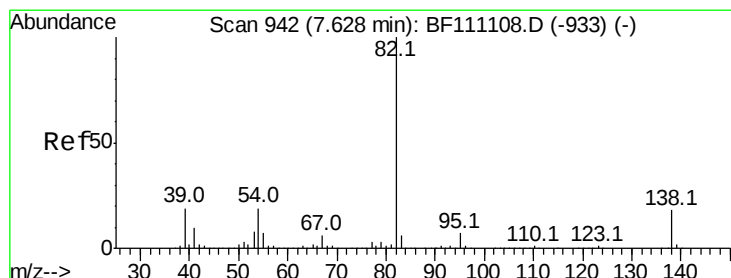
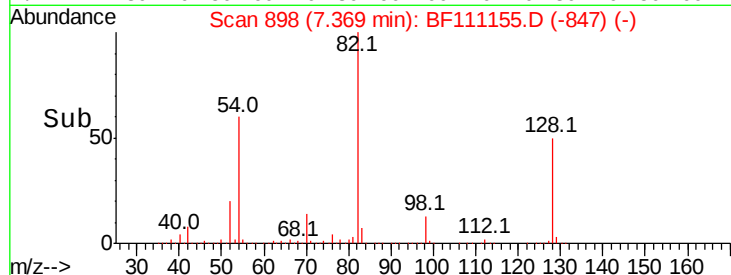
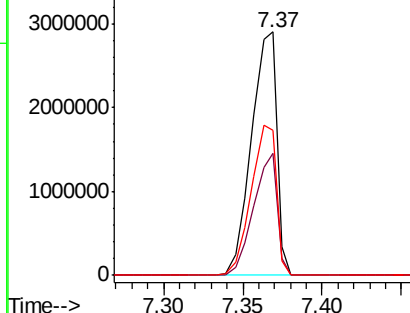
#23
Nitrobenzene-d5
Concen: 100.651 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF111155.D
Acq: 6 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 3242359
Ion Ratio Lower Upper
82 100
128 50.0 38.1 57.1
54 59.7 50.3 75.5

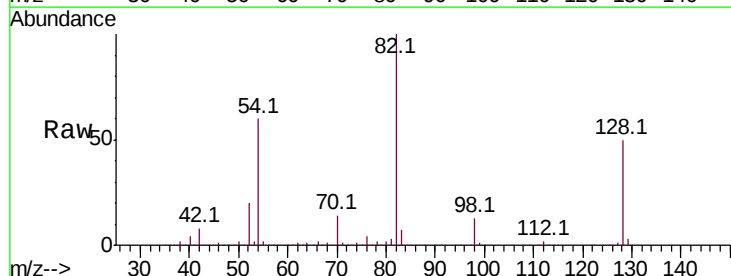


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

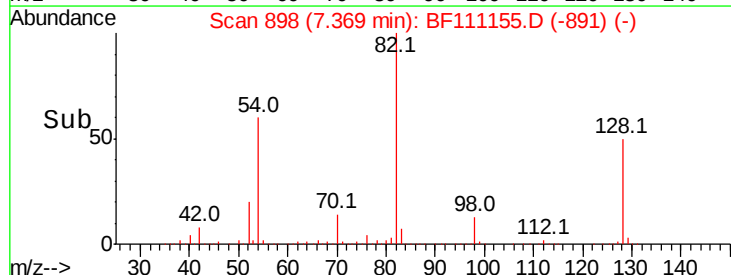
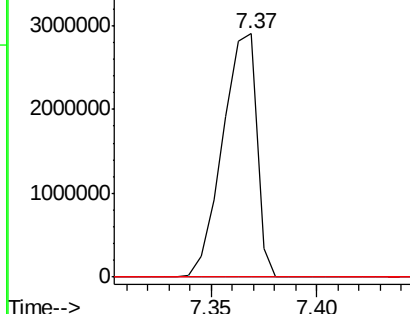


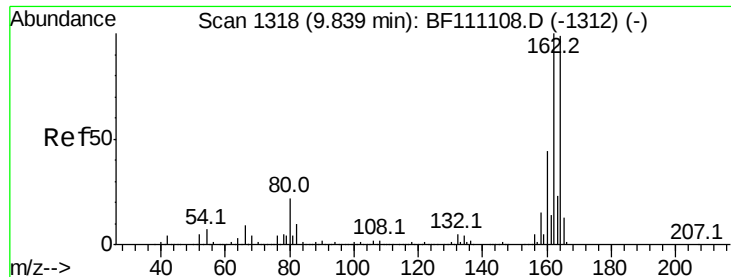
#25
Isophorone
Concen: 54.607 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF111155.D
Acq: 6 Dec 2018 23:06

Tgt Ion: 82 Resp: 3228364
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

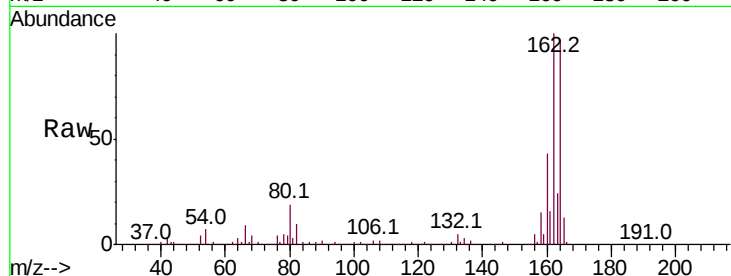




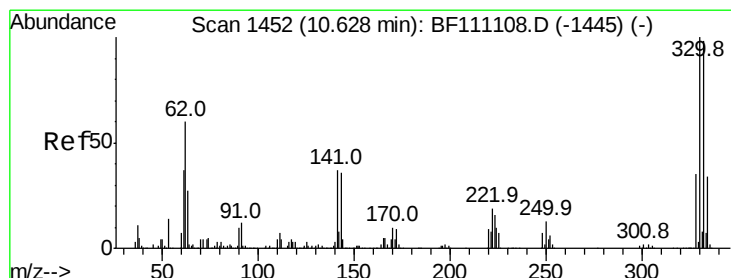
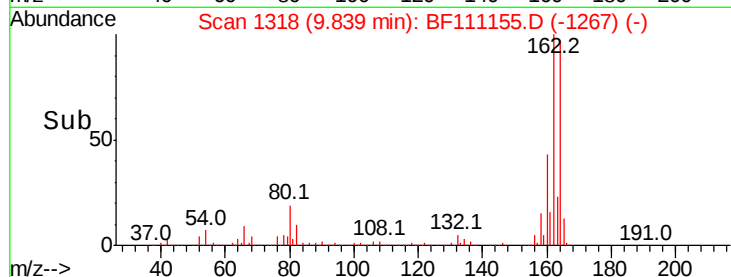
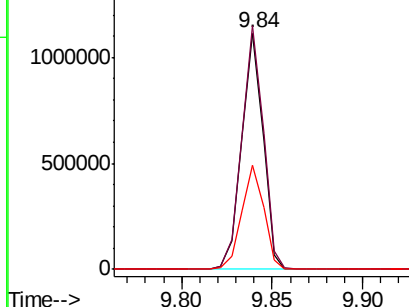
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111155.D
Acq: 6 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 909940
Ion Ratio Lower Upper
164 100
162 103.2 80.6 120.8
160 44.0 35.5 53.3

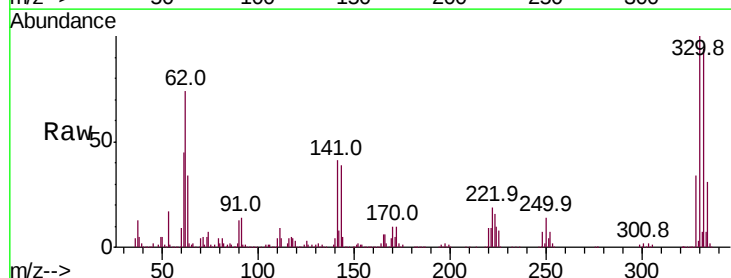


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

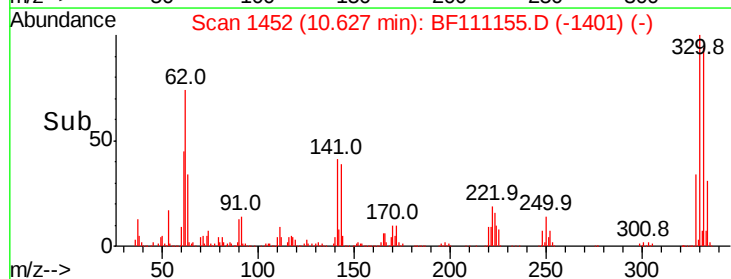
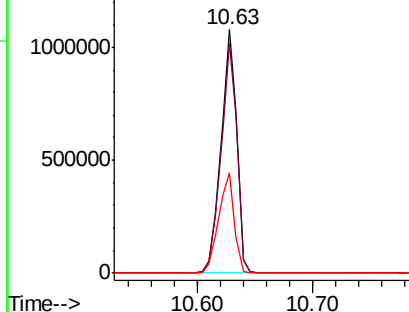


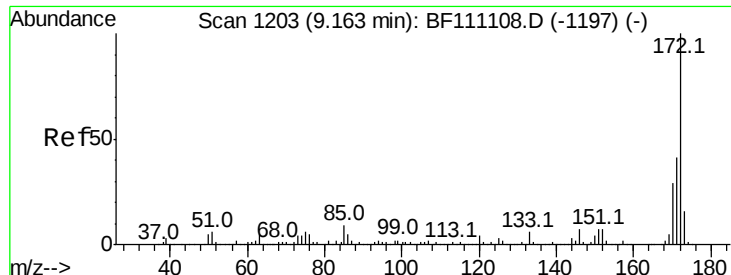
#42
2,4,6-Tribromophenol
Concen: 140.591 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111155.D
Acq: 6 Dec 2018 23:06

Tgt Ion:330 Resp: 1016889
Ion Ratio Lower Upper
330 100
332 95.6 77.2 115.8
141 41.1 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

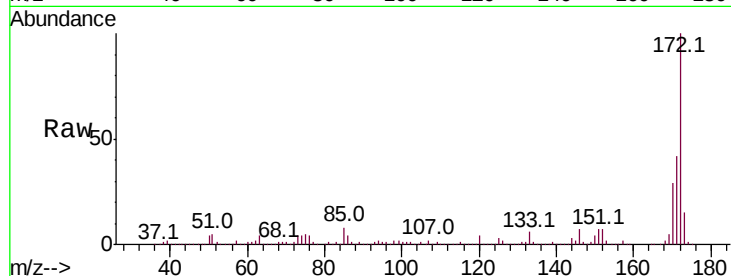




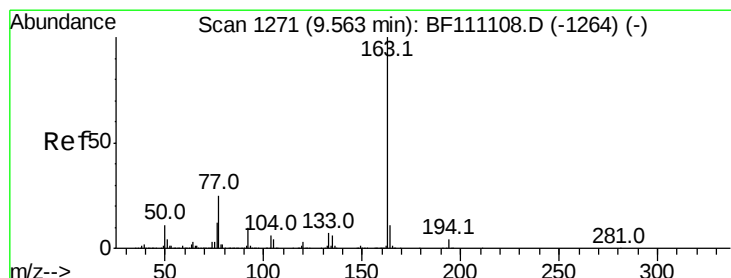
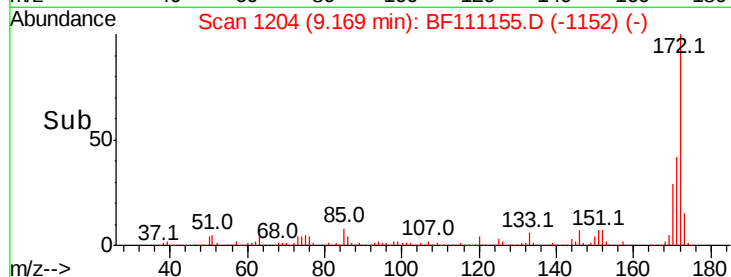
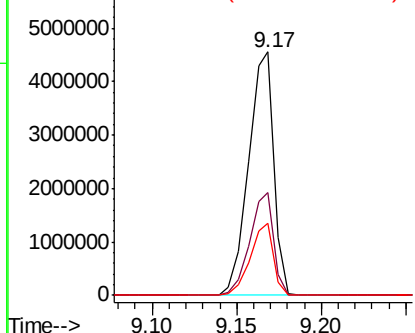
#45
2-Fluorobiphenyl
Concen: 99.300 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111155.D
Acq: 6 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4762486
Ion Ratio Lower Upper
172 100
171 42.4 33.2 49.8
170 29.5 22.9 34.3

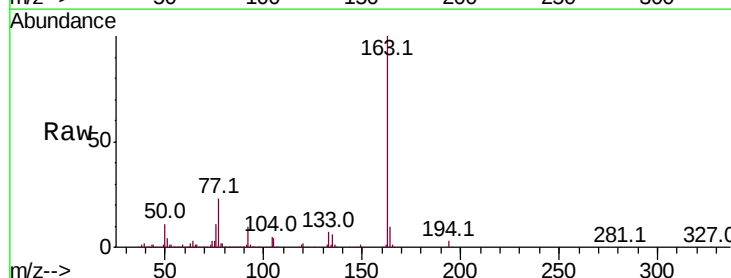


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

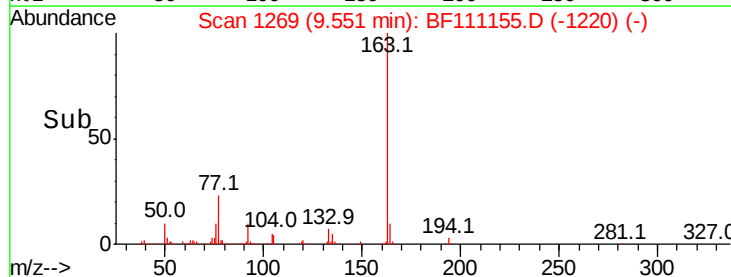
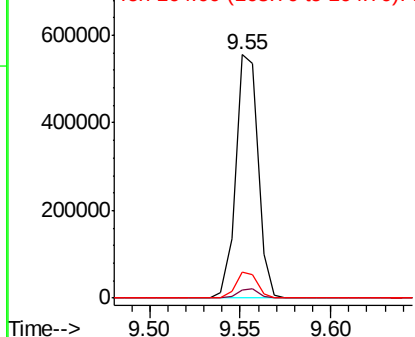


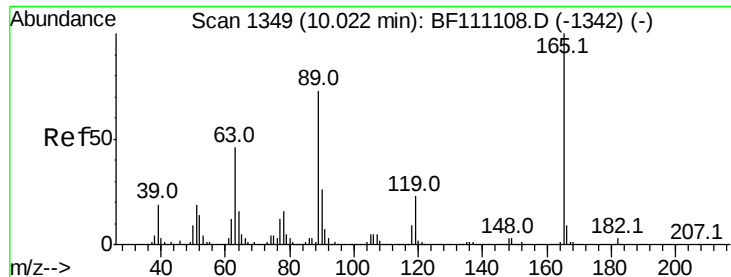
#50
Dimethylphthalate
Concen: 7.524 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111155.D
Acq: 6 Dec 2018 23:06

Tgt Ion:163 Resp: 476507
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.5 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

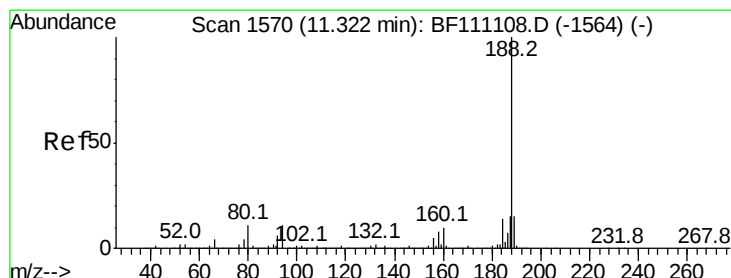
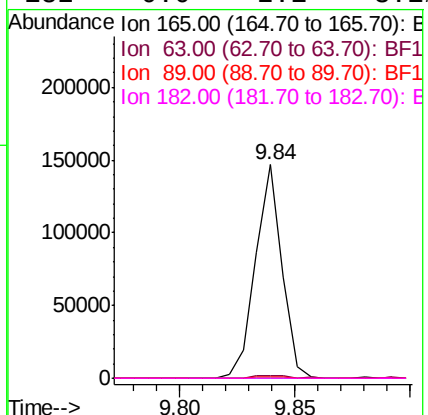
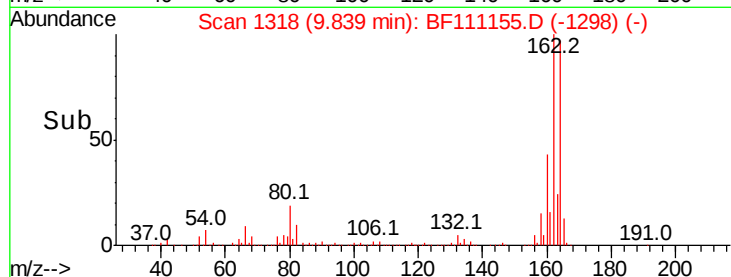
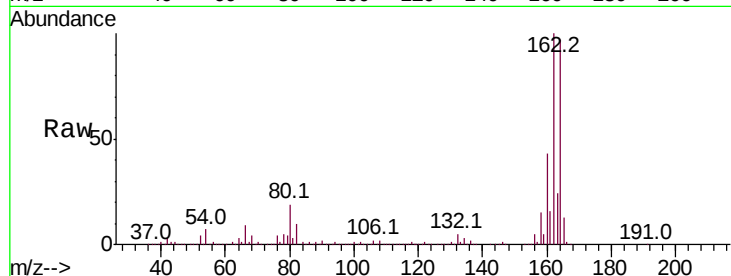




#57
 2,4-Dinitrotoluene
 Concen: 6.788 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF111155.D
 Acq: 6 Dec 2018 23:06

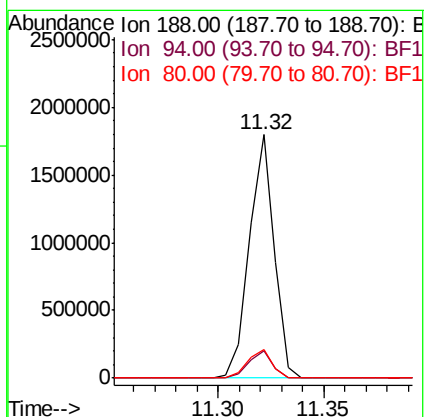
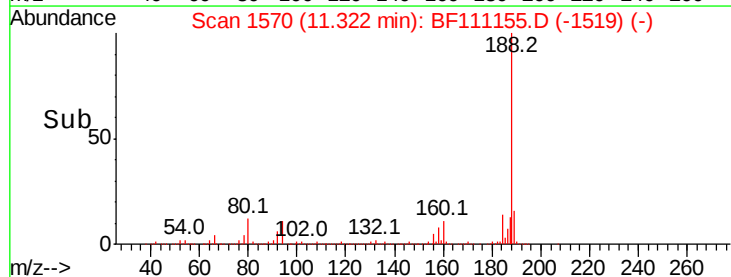
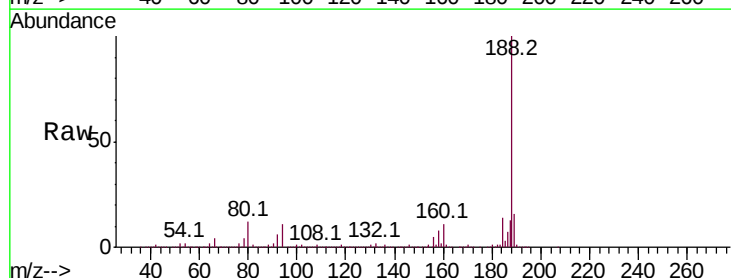
Instrument :
 BNA_F
 ClientSampleId :

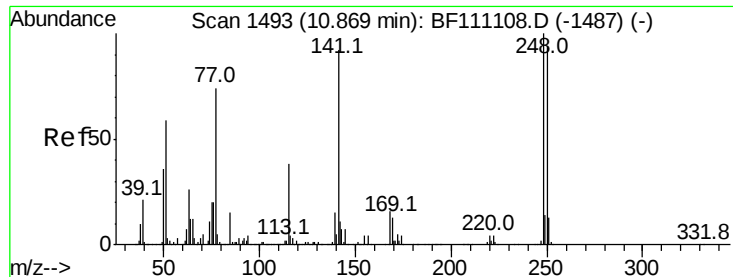
Tot Ion:165 Resp: 117701
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.7 55.1#
 89 0.8 58.4 87.6#
 182 0.0 2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF111155.D
 Acq: 6 Dec 2018 23:06

Tgt Ion:188 Resp: 1466613
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.8 9.0 13.6





#67

4-Bromophenyl-phenylether

Concen: 4.449 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF111155.D

Acq: 6 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

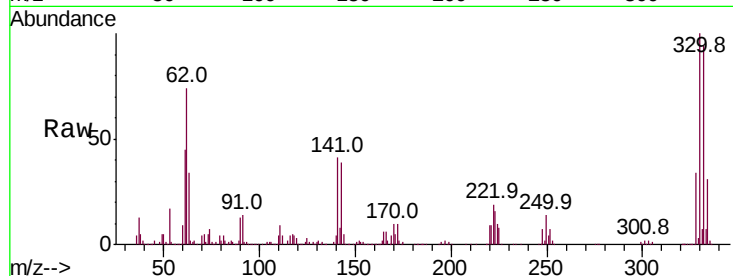
Tot Ion:248 Resp: 69069

Ion Ratio Lower Upper

248 100

250 196.2 75.4 113.0#

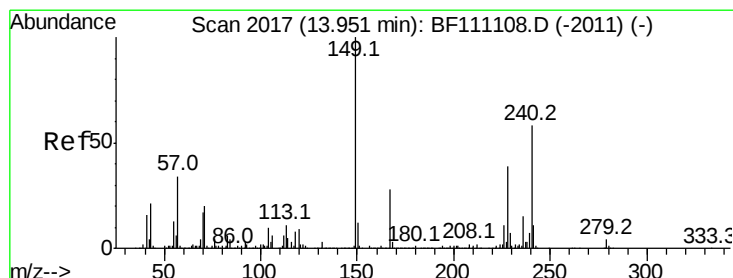
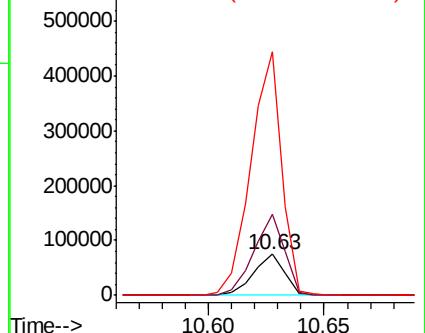
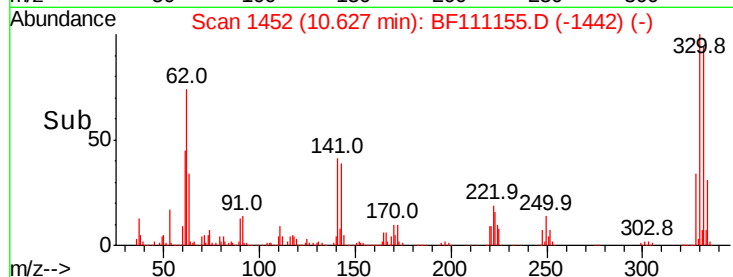
141 593.3 73.8 110.6#



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: BF111155.D

Acq: 6 Dec 2018 23:06

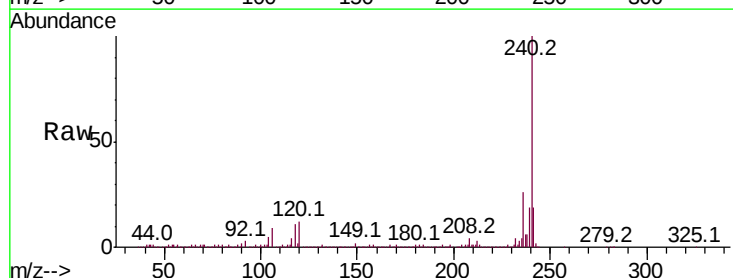
Tgt Ion:240 Resp: 881936

Ion Ratio Lower Upper

240 100

120 12.5 12.8 19.2#

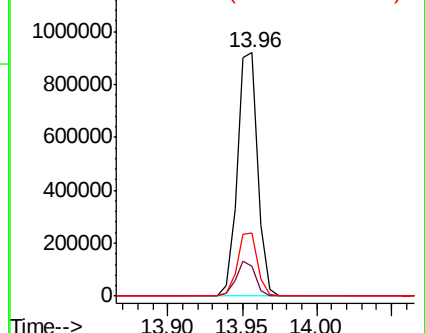
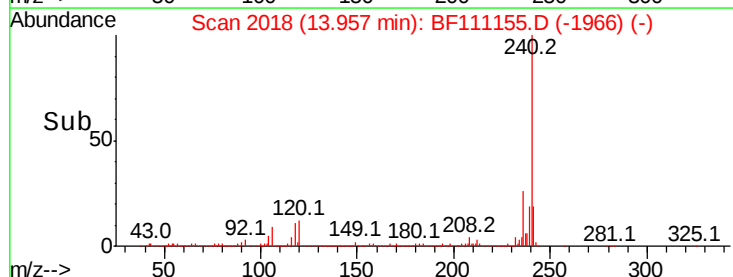
236 26.1 21.1 31.7

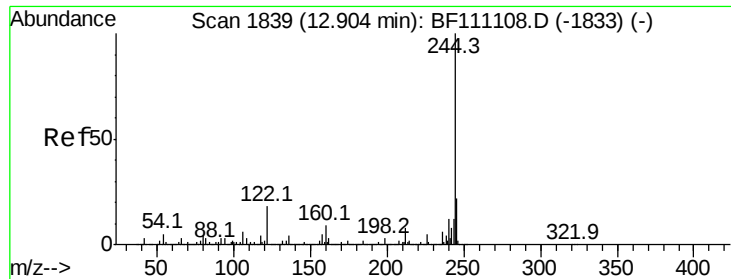


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.890 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111155.D

Acq: 6 Dec 2018 23:06

Instrument :

BNA_F

ClientSampleId :

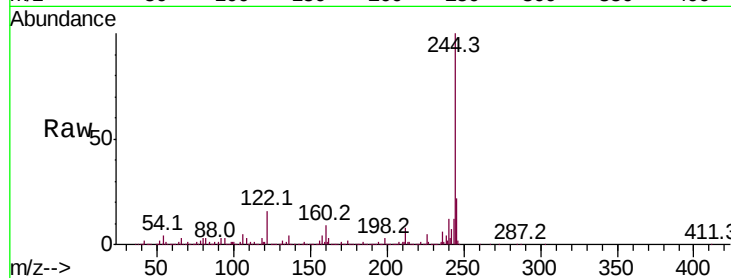
Tot Ion:244 Resp: 3526479

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

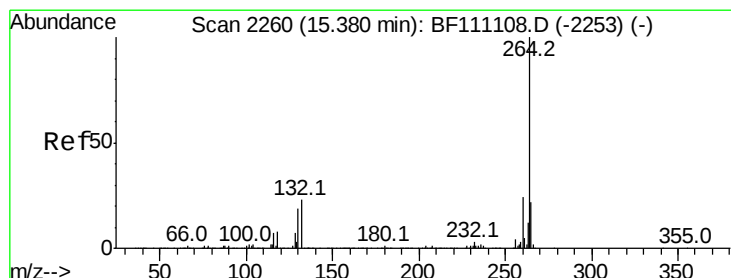
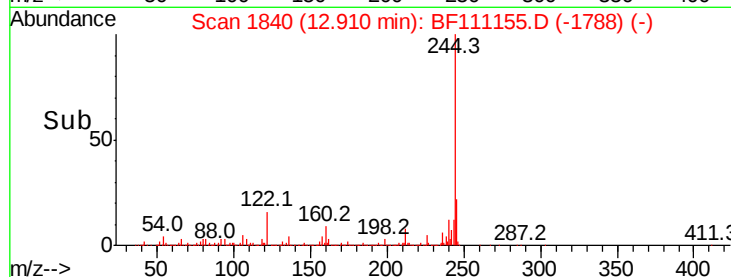
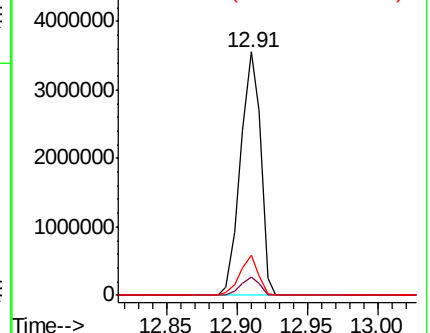
122 16.2 14.2 21.2



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: BF111155.D

Acq: 6 Dec 2018 23:06

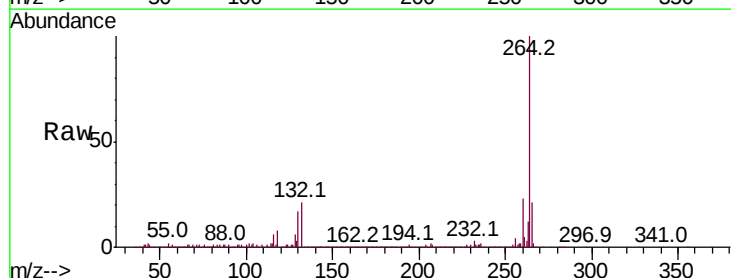
Tgt Ion:264 Resp: 947766

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

265 20.9 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

