

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111145.D
 Acq On : 6 Dec 2018 18:32
 Operator : JU/SJ
 Sample : J6204-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 21:53:27 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	475610	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1868777	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	892099	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1543166	20.00	ng	0.00
76) Chrysene-d12	13.95	240	882540	20.00	ng	0.00
87) Perylene-d12	15.39	264	903022	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	3800306	124.69	ng	0.01
7) Phenol-d6	6.44	99	4770877	121.51	ng	0.00
23) Nitrobenzene-d5	7.36	82	3174865	100.58	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	988467	139.39	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4838481	103.53	ng	0.00
79) Terphenyl-d14	12.91	244	4038732	93.72	ng	0.00

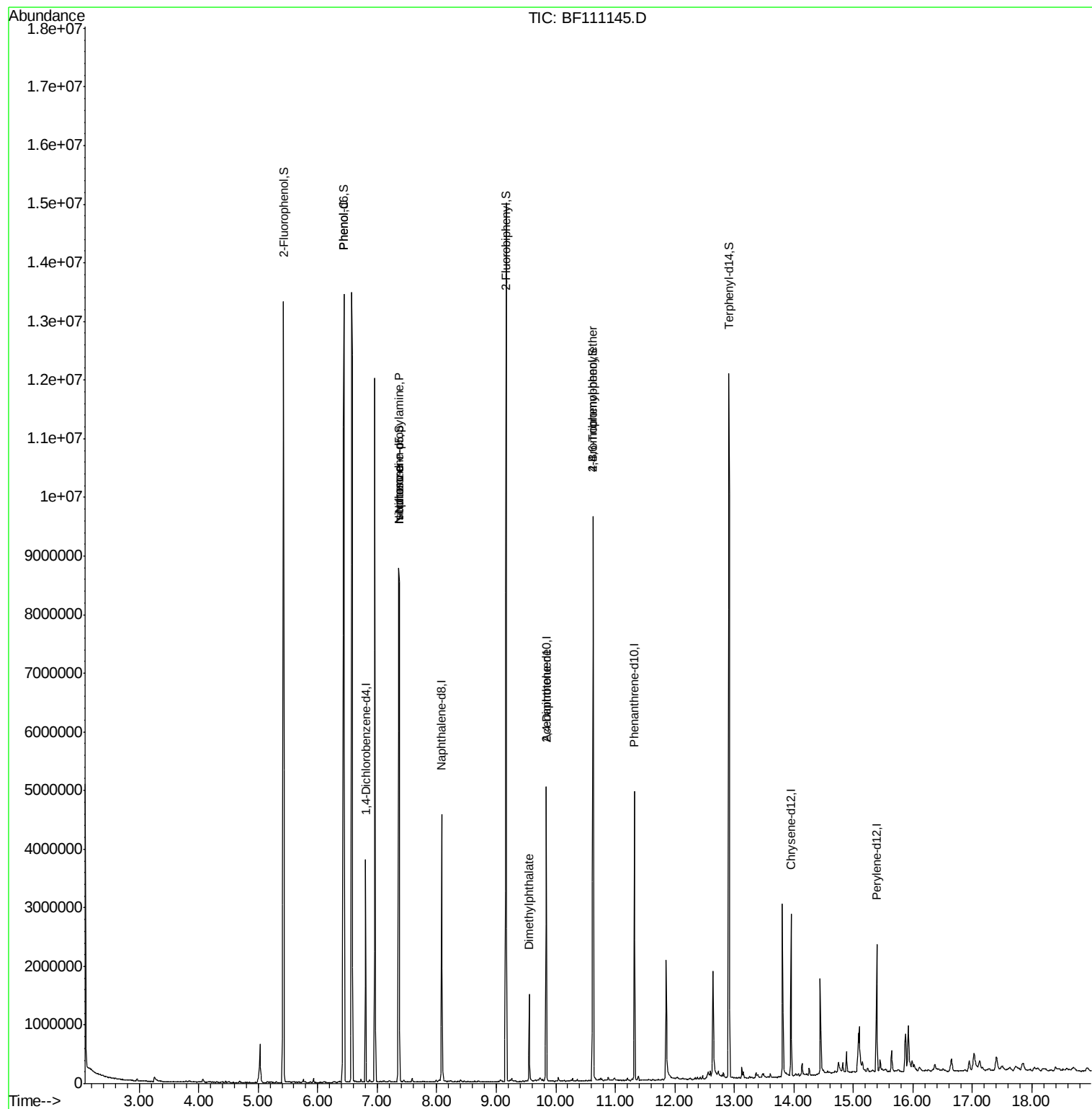
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	12070	Below Cal		# 1
10) Phenol	6.45	94	353109	8.248	ng	# 86
19) n-Nitroso-di-n-propylamine	7.36	70	448298	16.991	ng	# 76
25) Isophorone	7.36	82	3158201	54.518	ng	# 65
50) Dimethylphthalate	9.56	163	595516	9.592	ng	# 97
57) 2,4-Dinitrotoluene	9.84	165	115401	6.788	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	66142	4.049	ng	# 1

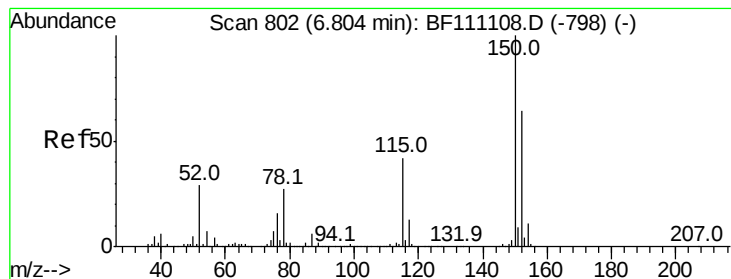
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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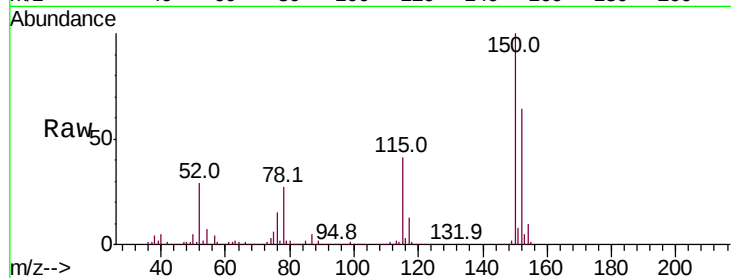


#1

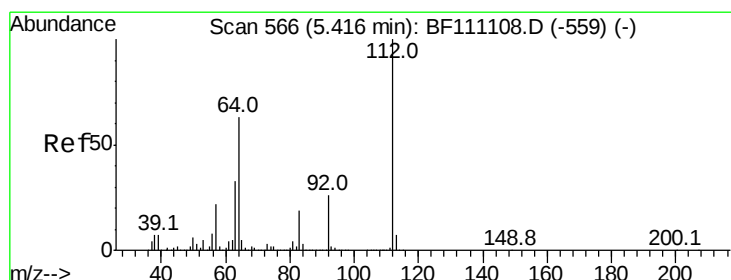
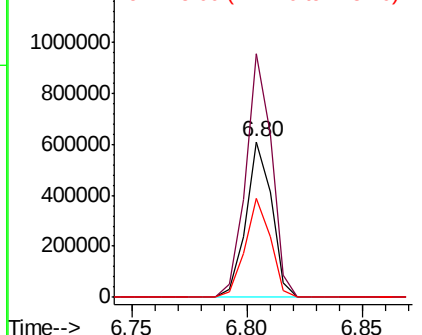
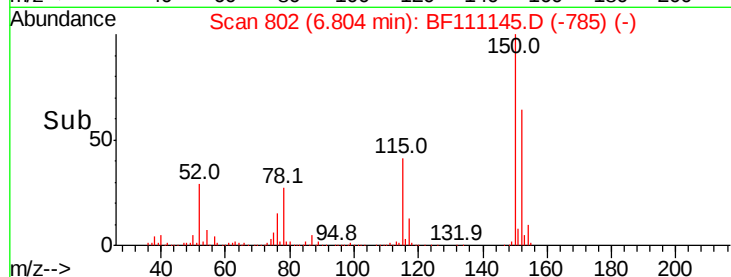
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 475610
Ion Ratio Lower Upper
152 100
150 156.7 124.6 187.0
115 63.7 52.2 78.2



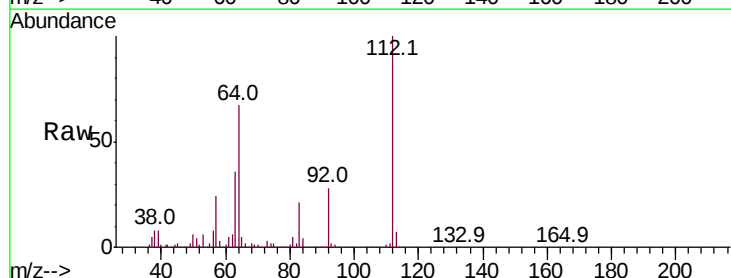
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



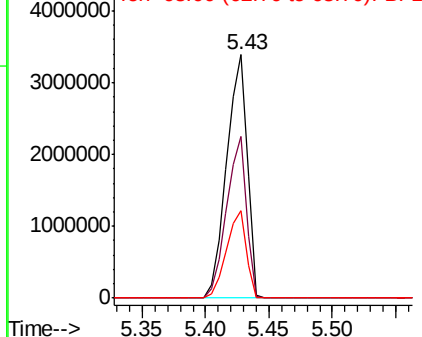
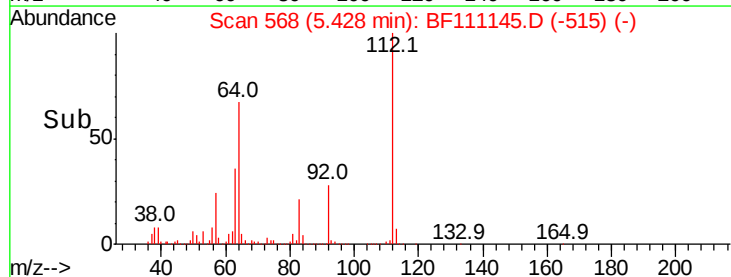
#5

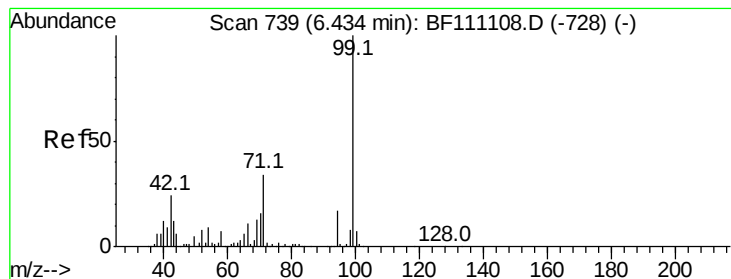
2-Fluorophenol
Concen: 124.686 ng
RT: 5.43 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Tgt Ion:112 Resp: 3800306
Ion Ratio Lower Upper
112 100
64 66.6 50.2 75.4
63 36.1 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: 121.513 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111145.D

Acq: 6 Dec 2018 18:32

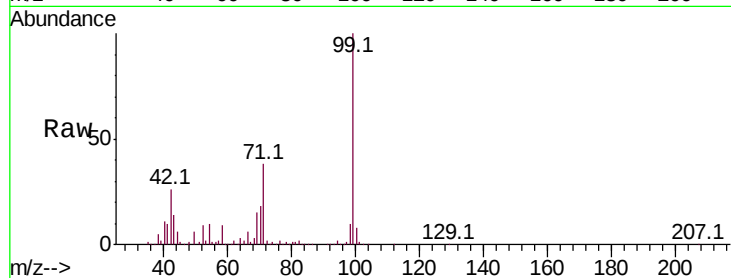
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 4770877

Ion	Ratio	Lower	Upper
99	100		
42	26.3	19.3	28.9
71	37.9	27.4	41.2

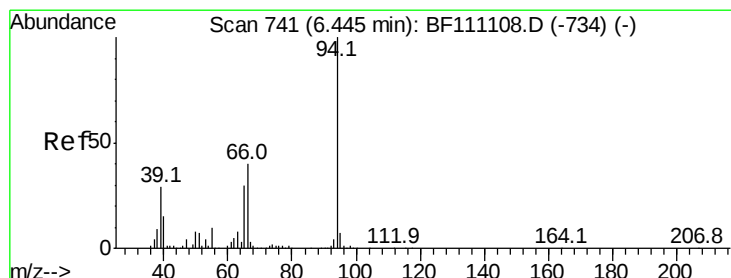
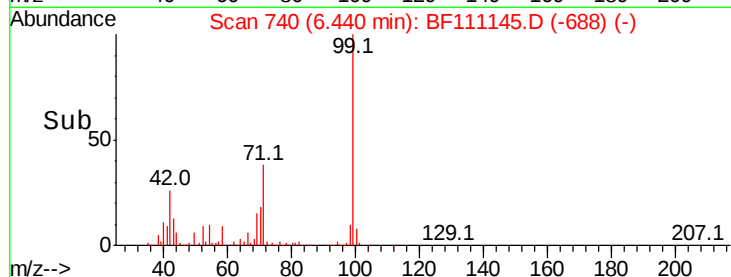
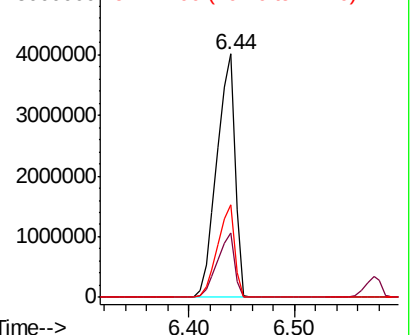


Abundance

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: 8.248 ng

RT: 6.45 min Scan# 741

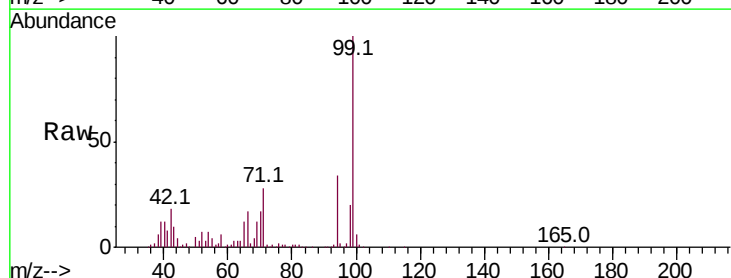
Delta R.T. 0.00 min

Lab File: BF111145.D

Acq: 6 Dec 2018 18:32

Tgt Ion: 94 Resp: 353109

Ion	Ratio	Lower	Upper
94	100		
65	34.3	10.5	50.5
66	51.5	19.8	59.8

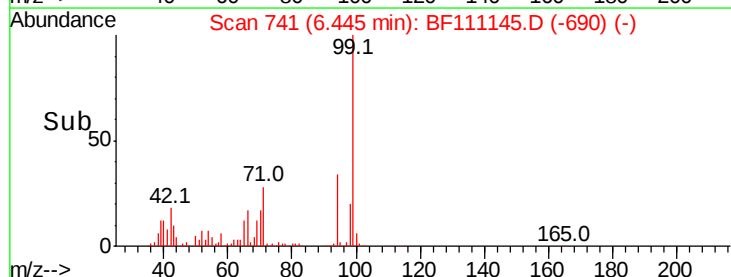
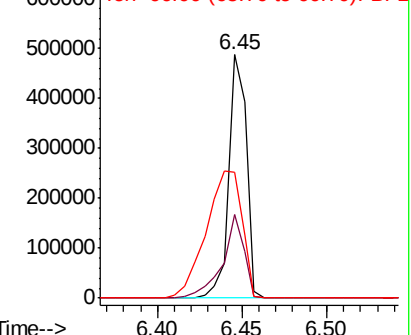


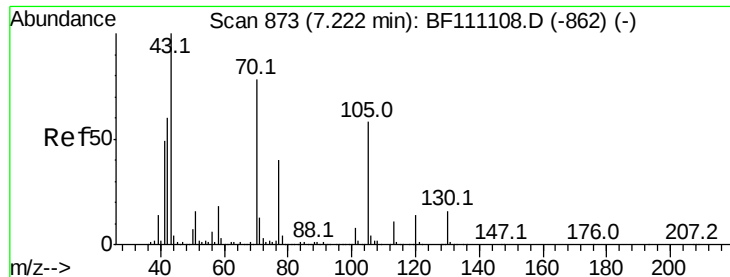
Abundance

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

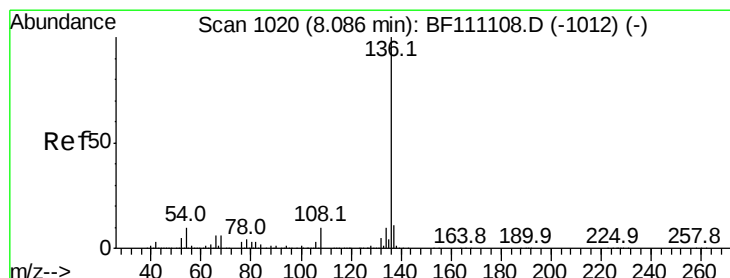
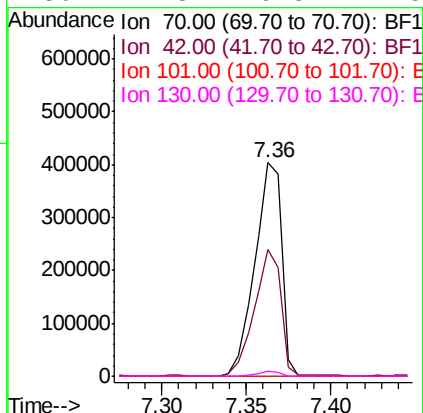
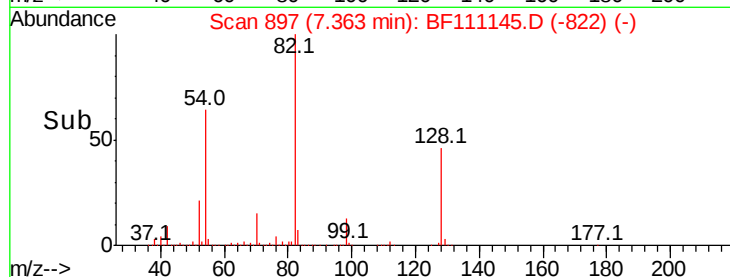
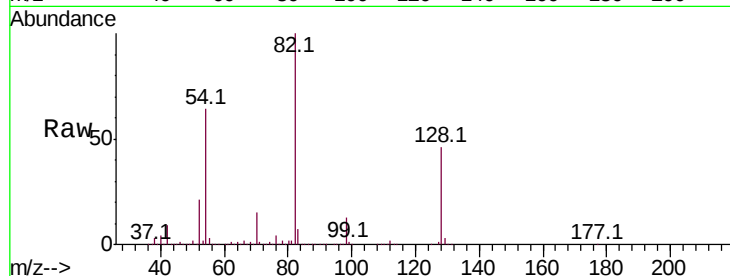




#19
n-Nitroso-di-n-propylamine
Concen: 16.991 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

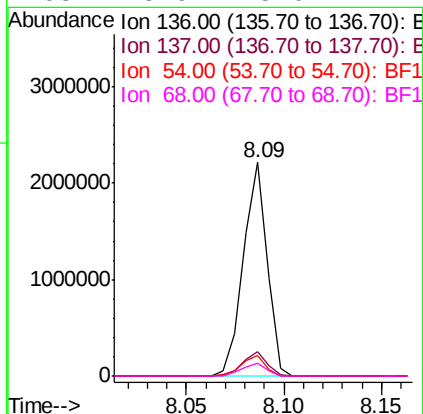
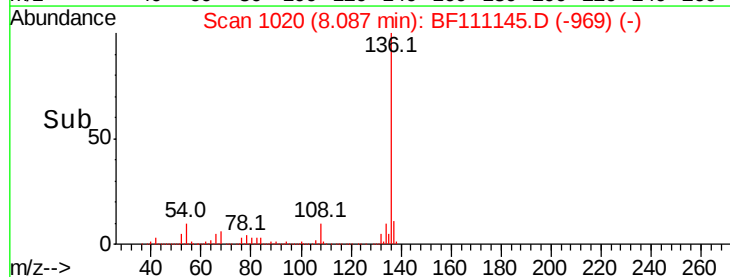
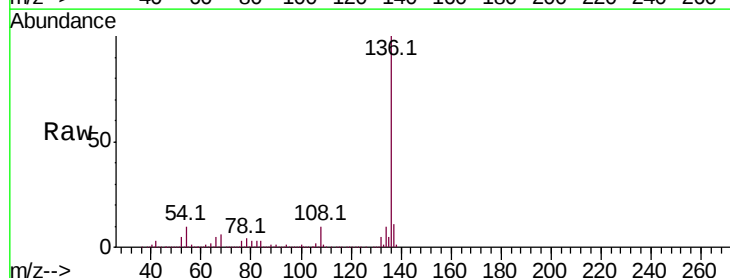
Instrument :
BNA_F
ClientSampleId :

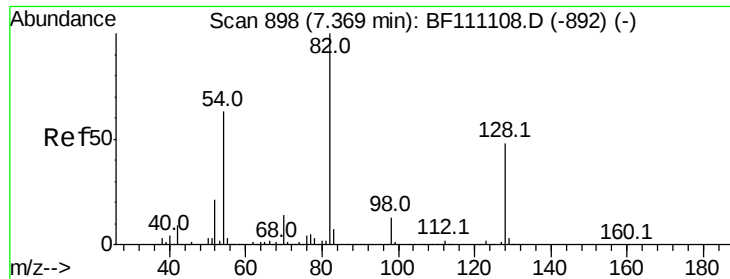
Tot Ion: 70 Resp: 448298
Ion Ratio Lower Upper
70 100
42 59.1 61.3 91.9#
101 0.0 7.7 11.5#
130 2.3 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Tgt Ion:136 Resp: 1868777
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.6 8.4 12.6
68 5.9 5.0 7.4

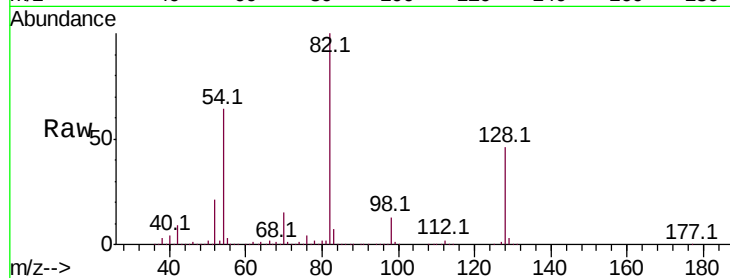




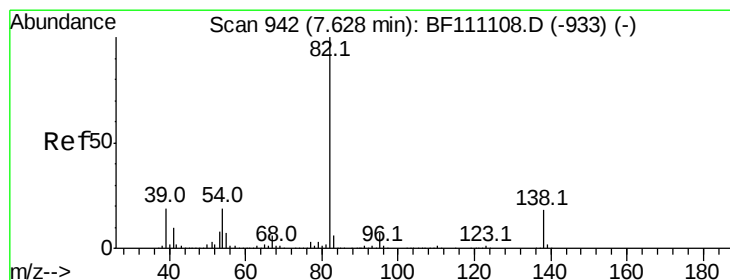
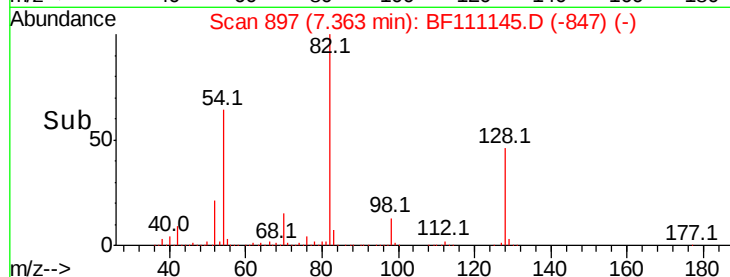
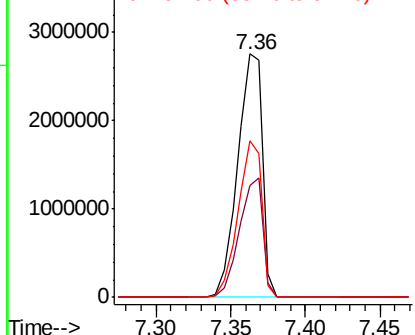
#23
Nitrobenzene-d5
Concen: 100.581 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 3174865
Ion Ratio Lower Upper
82 100
128 46.0 38.1 57.1
54 64.1 50.3 75.5

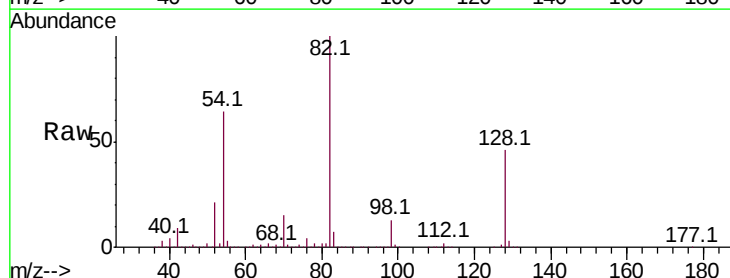


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

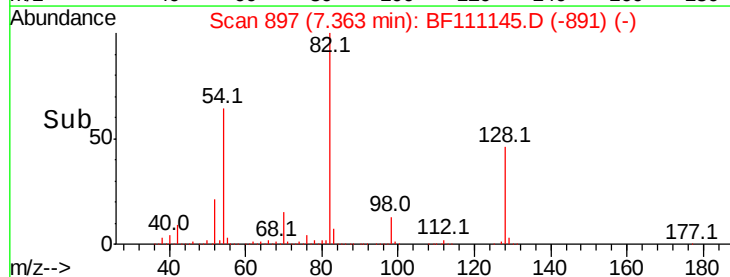
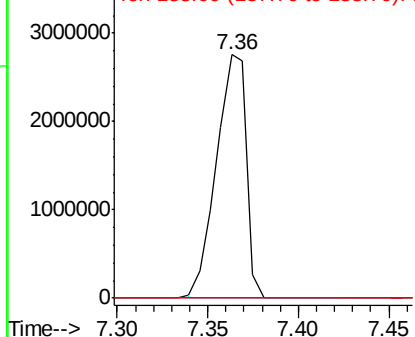


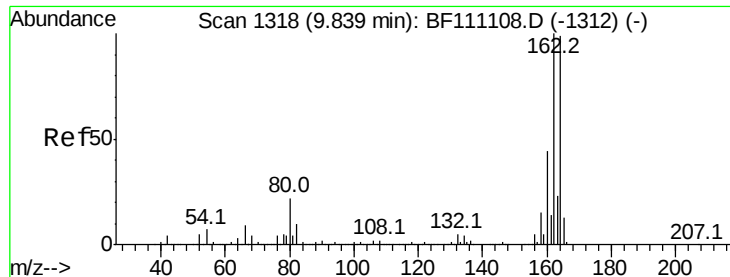
#25
Isophorone
Concen: 54.518 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Tgt Ion: 82 Resp: 3158201
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

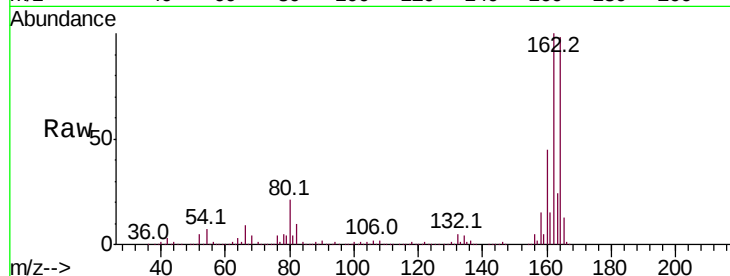




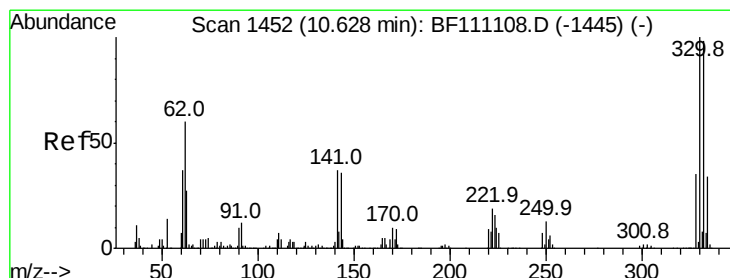
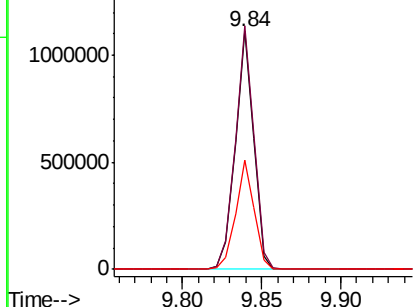
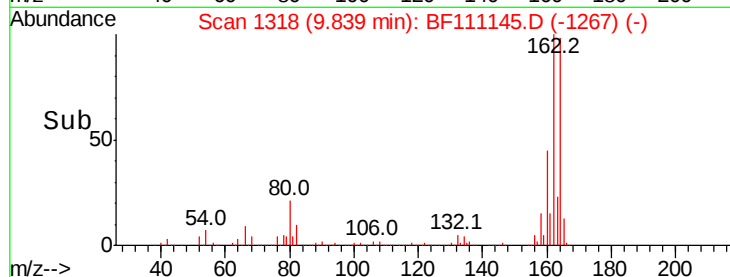
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF111145.D
 Acq: 6 Dec 2018 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	45.7	35.5	53.3

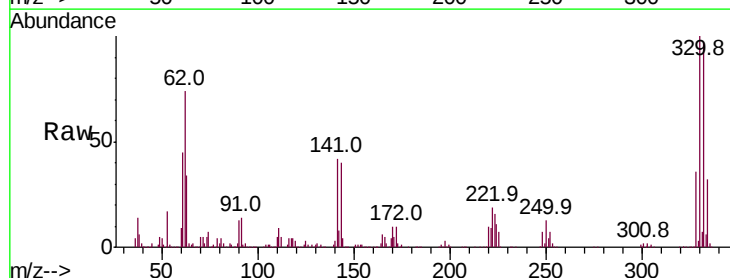


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

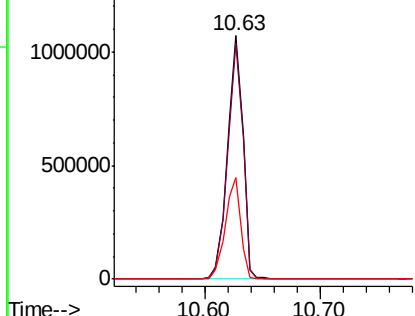
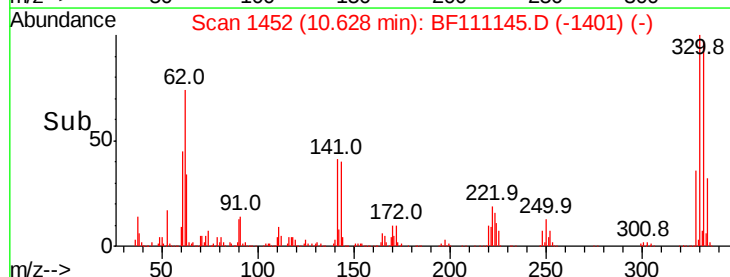


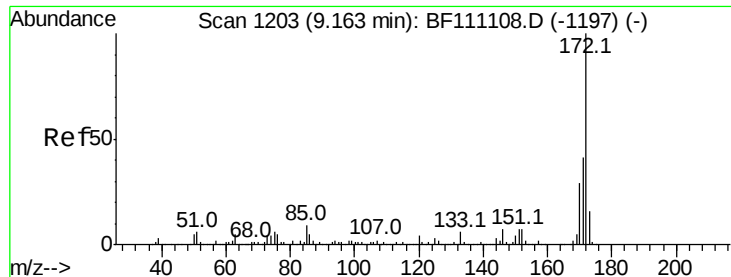
#42
 2,4,6-Tribromophenol
 Concen: 139.394 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF111145.D
 Acq: 6 Dec 2018 18:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.2	115.8
141	41.6	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

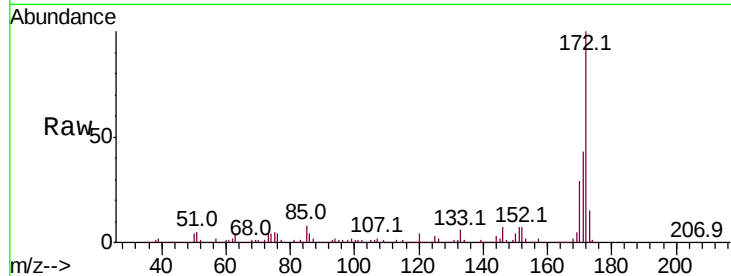




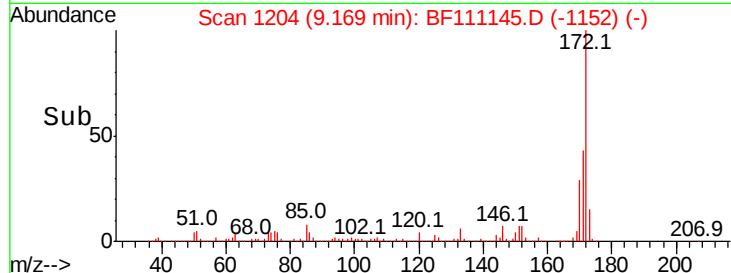
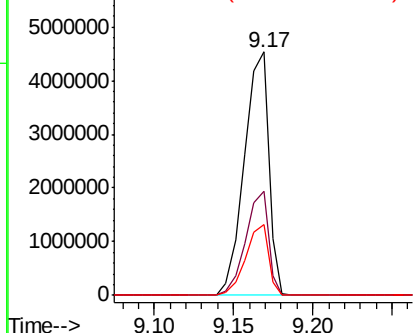
#45
2-Fluorobiphenyl
Concen: 103.530 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4838481
Ion Ratio Lower Upper
172 100
171 42.7 33.2 49.8
170 29.1 22.9 34.3

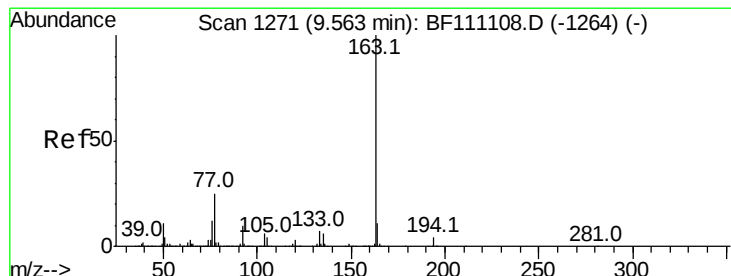


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

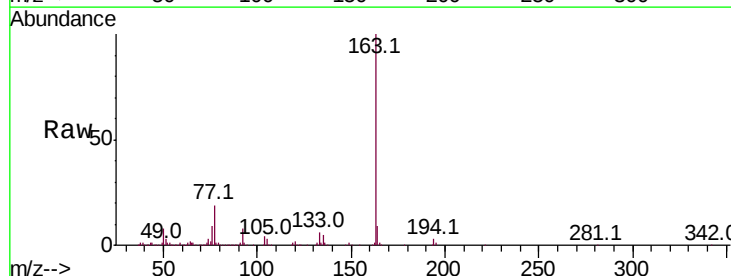
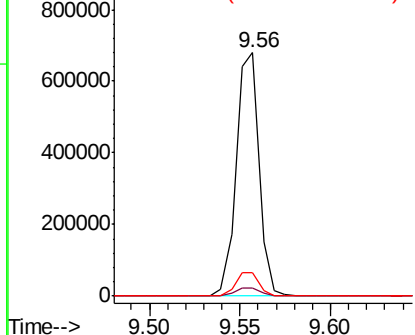


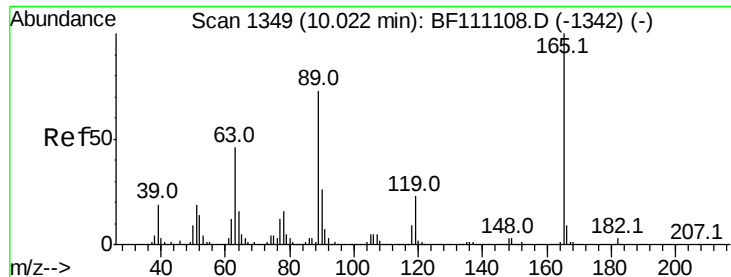
#50
Dimethylphthalate
Concen: 9.592 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111145.D
Acq: 6 Dec 2018 18:32

Tgt Ion:163 Resp: 595516
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.4 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

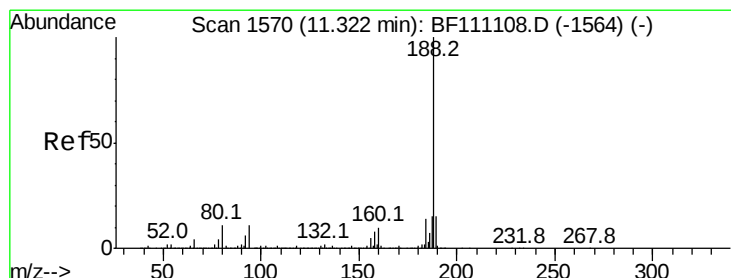
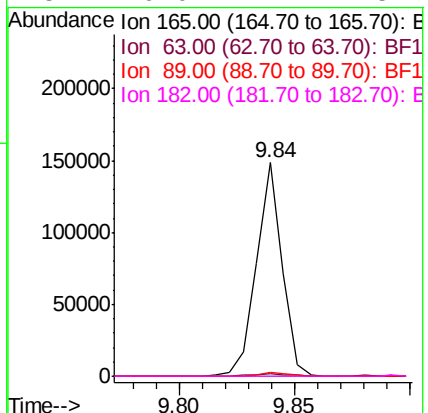
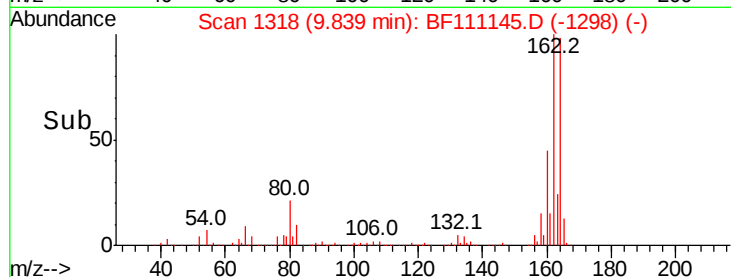
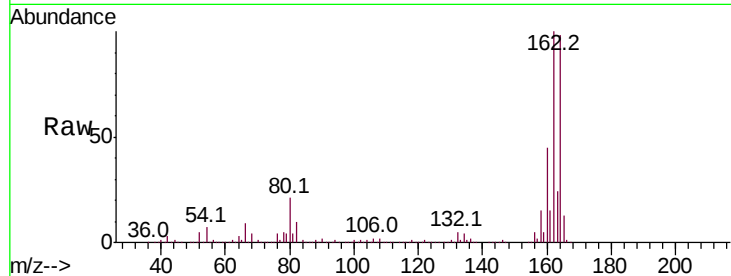




#57
 2,4-Dinitrotoluene
 Concen: 6.788 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF111145.D
 Acq: 6 Dec 2018 18:32

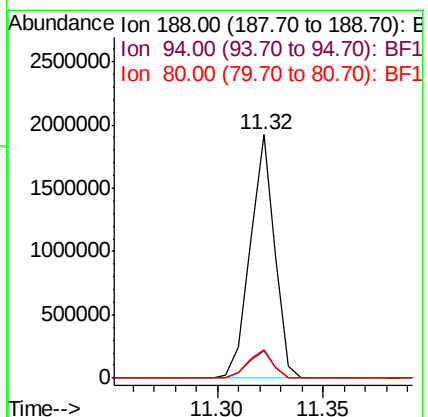
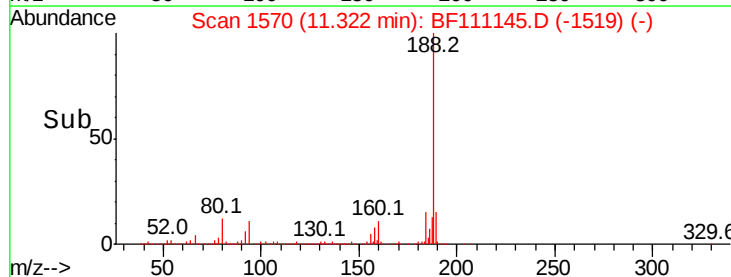
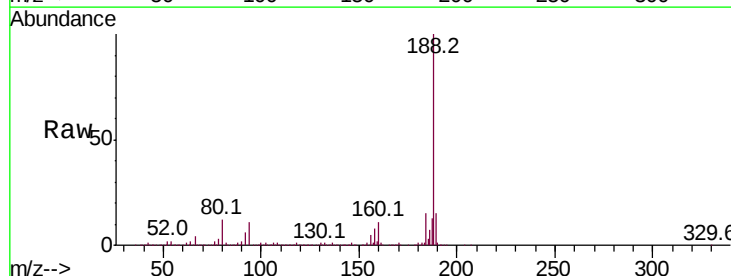
Instrument :
 BNA_F
 ClientSampleId :

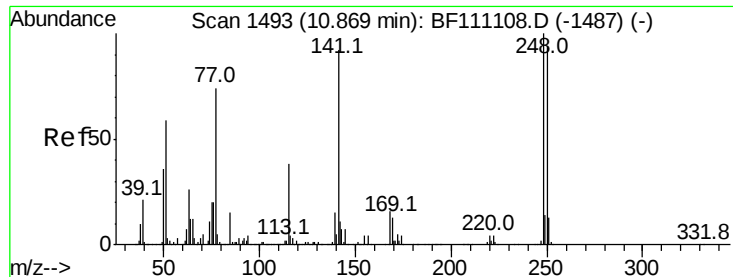
Tot Ion:165 Resp: 115401
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.7 55.1#
 89 1.6 58.4 87.6#
 182 0.0 2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF111145.D
 Acq: 6 Dec 2018 18:32

Tgt Ion:188 Resp: 1543166
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.6 9.0 13.6





#67

4-Bromophenyl-phenylether

Concen: 4.049 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF111145.D

Acq: 6 Dec 2018 18:32

Instrument :

BNA_F

ClientSampleId :

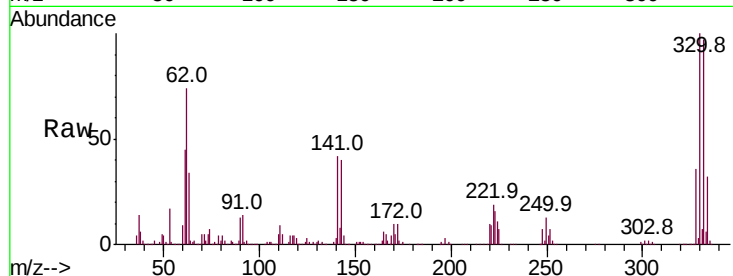
Tot Ion:248 Resp: 66142

Ion Ratio Lower Upper

248 100

250 199.6 75.4 113.0#

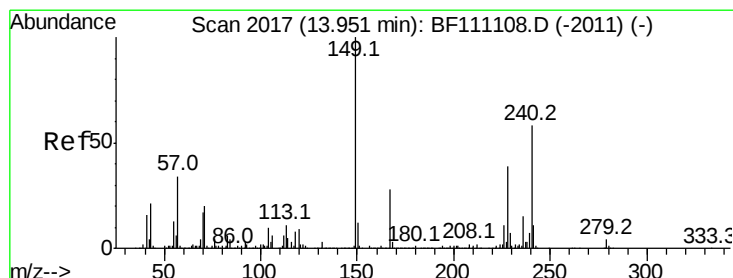
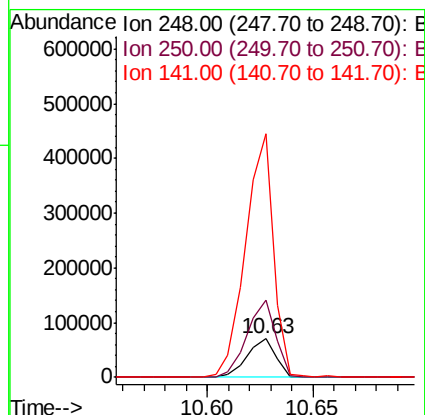
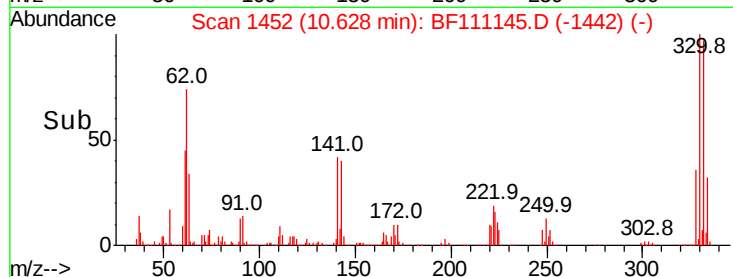
141 634.4 73.8 110.6#



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: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF111145.D

Acq: 6 Dec 2018 18:32

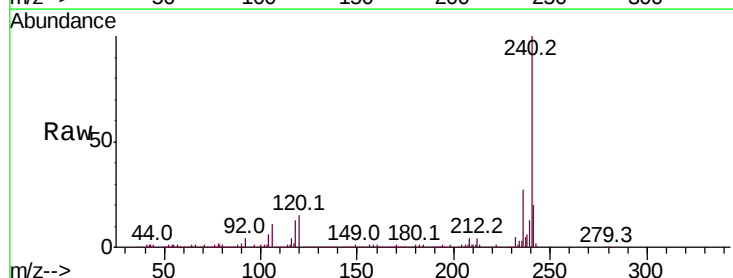
Tgt Ion:240 Resp: 882540

Ion Ratio Lower Upper

240 100

120 15.3 12.8 19.2

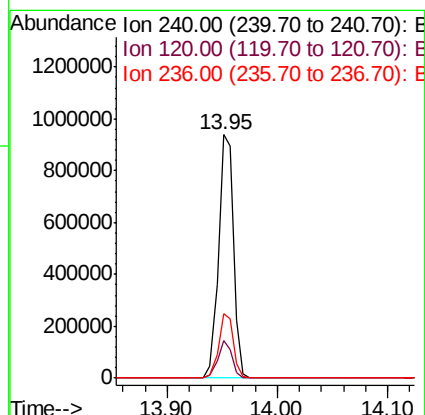
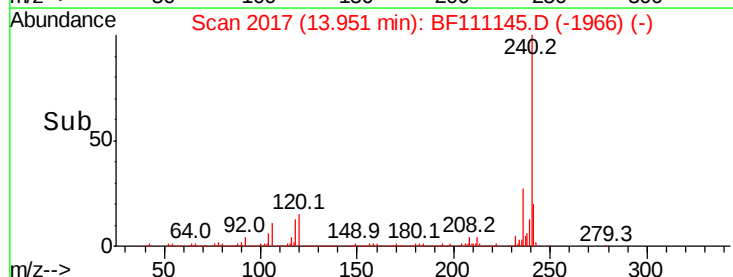
236 26.6 21.1 31.7

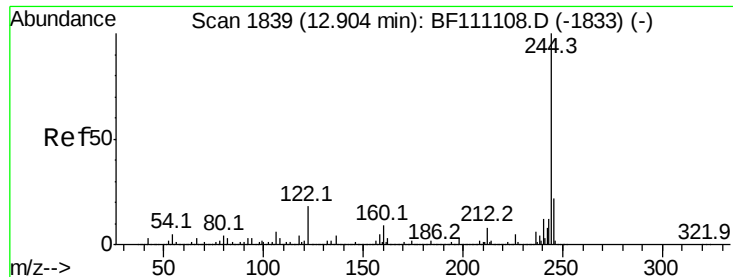


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

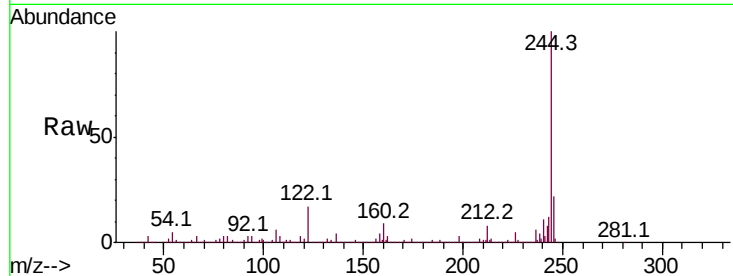




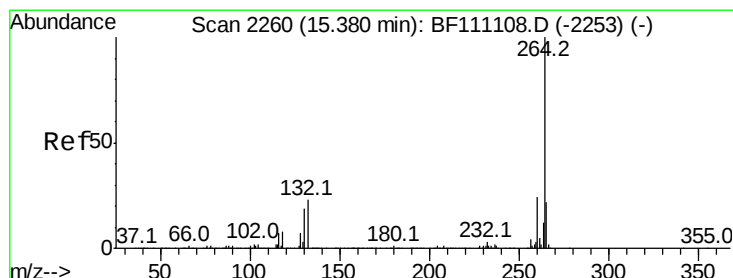
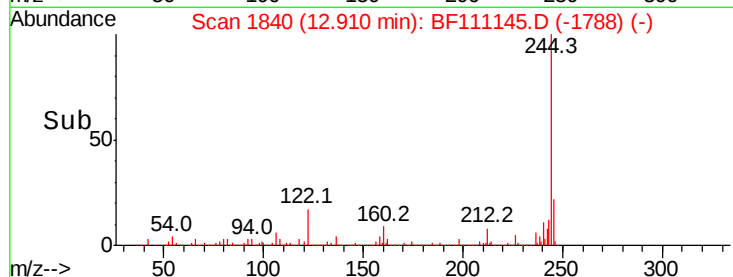
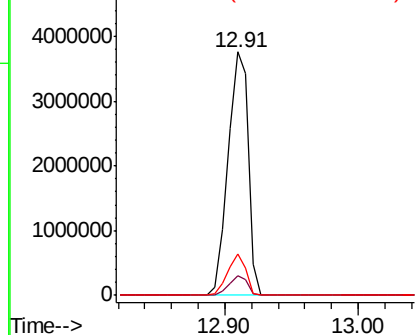
#79
 Terphenyl-d14
 Concen: 93.721 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111145.D
 Acq: 6 Dec 2018 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 4038732
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 17.1 14.2 21.2

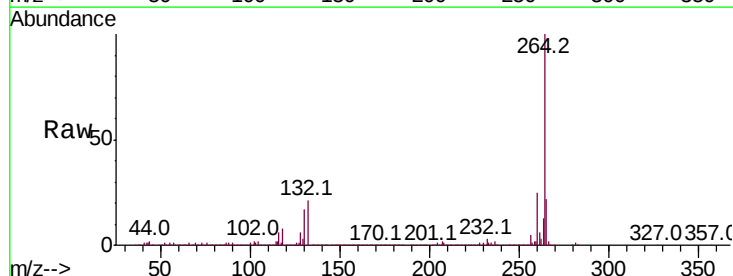


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111145.D
 Acq: 6 Dec 2018 18:32

Tgt Ion:264 Resp: 903022
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.0
 265 22.2 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

