

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111149.D
 Acq On : 6 Dec 2018 20:22
 Operator : JU/SJ
 Sample : J6204-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 21:54:44 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

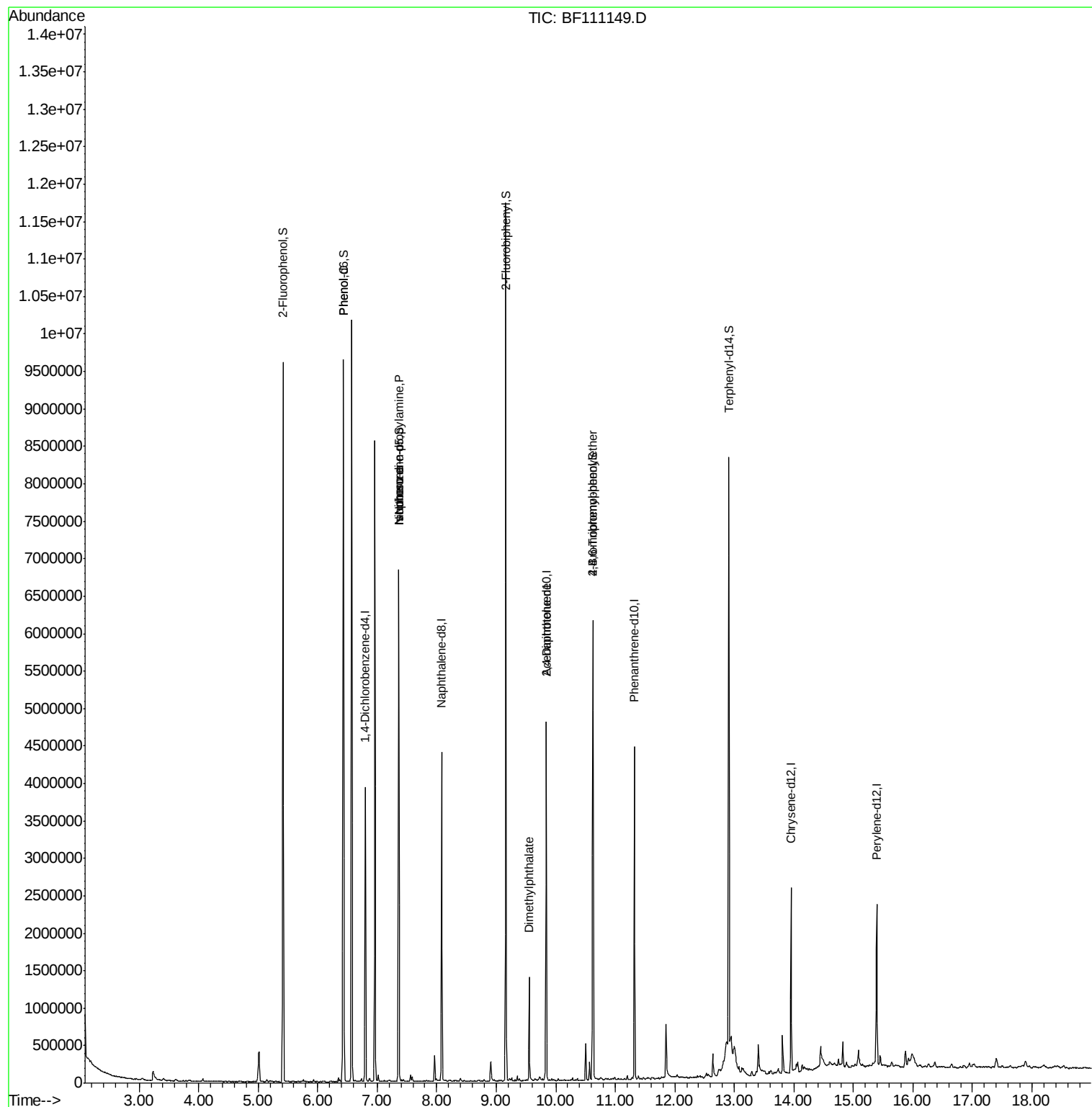
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	447123	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1804274	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	853586	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1411107	20.00	ng	0.00
76) Chrysene-d12	13.95	240	807276	20.00	ng	0.00
87) Perylene-d12	15.39	264	864712	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2472301	86.28	ng	0.00
7) Phenol-d6	6.43	99	3100110	83.99	ng	0.00
23) Nitrobenzene-d5	7.36	82	1985161	65.14	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	615853	90.77	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3293589	68.66	ng	0.00
79) Terphenyl-d14	12.91	244	2446631	62.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	9525	Below Cal		Qvalue 96
10) Phenol	6.44	94	191739	4.764 ng		90
19) n-Nitroso-di-n-propylamine	7.36	70	268505	10.825 ng	#	74
25) Isophorone	7.36	82	1973484	35.285 ng	#	65
50) Dimethylphthalate	9.55	163	515970	8.685 ng		100
57) 2,4-Dinitrotoluene	9.84	165	112447	6.913 ng	#	23
67) 4-Bromophenyl-phenylether	10.62	248	39991	2.677 ng	#	1

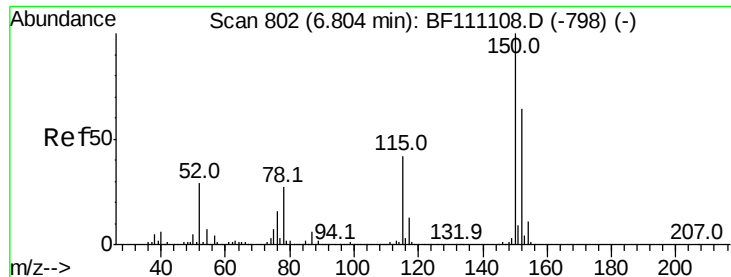
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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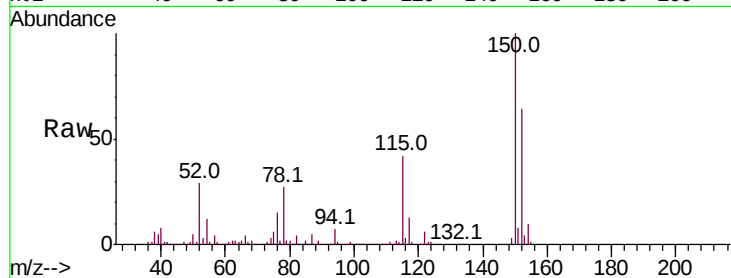


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111149.D
Acq: 6 Dec 2018 20:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	187.0
115	65.9	52.2	78.2

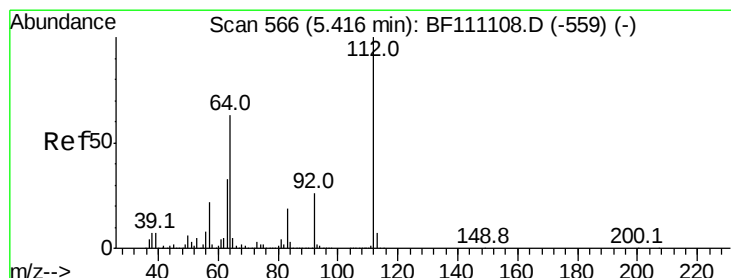
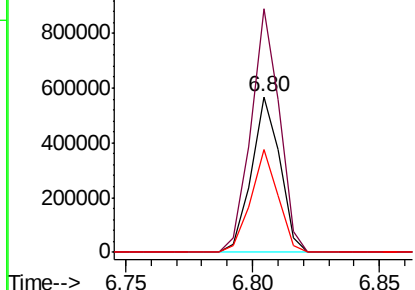
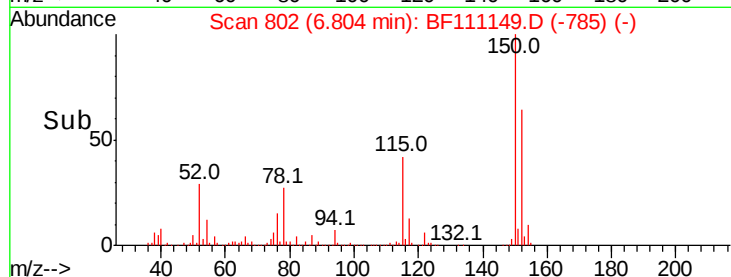


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

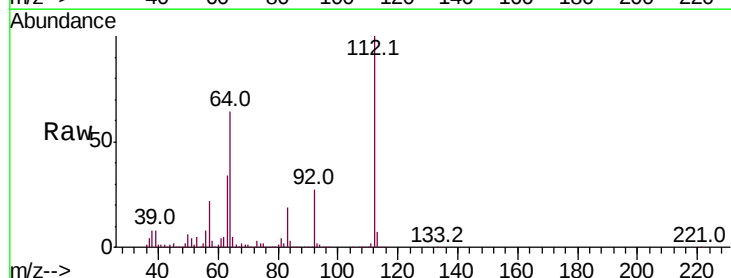
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.283 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111149.D
Acq: 6 Dec 2018 20:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	50.2	75.4
63	33.7	26.6	39.8

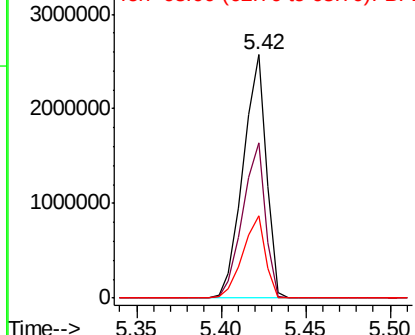
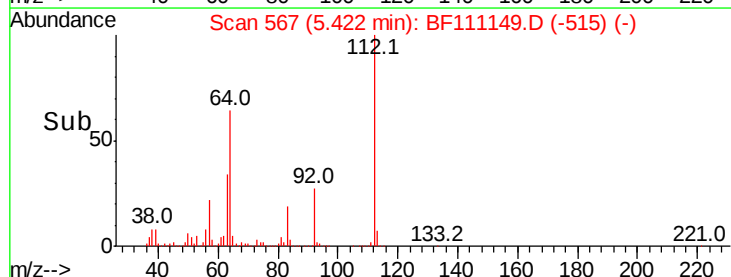


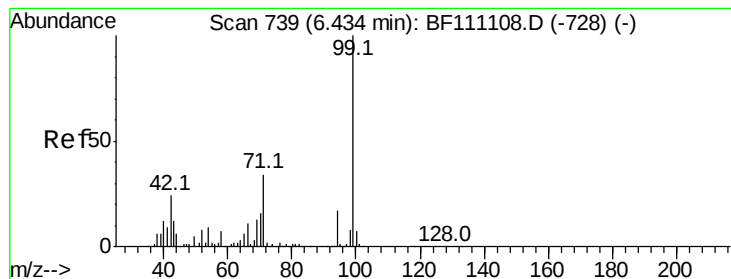
Abundance

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: 83.990 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111149.D

Acq: 6 Dec 2018 20:22

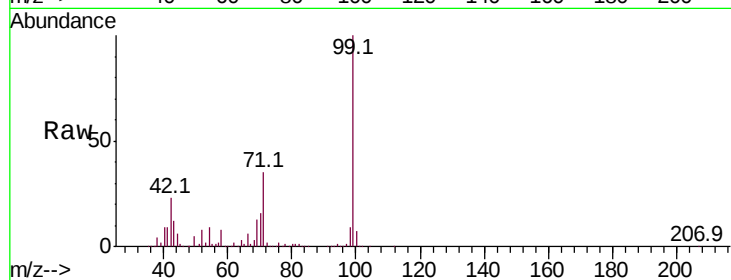
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3100110

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.3	28.9
71	35.0	27.4	41.2

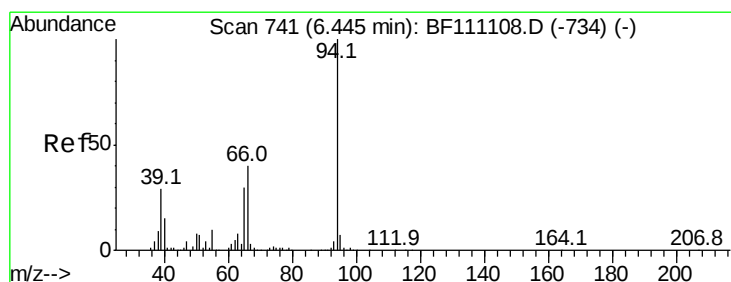
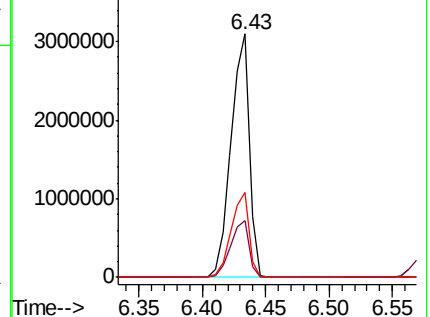
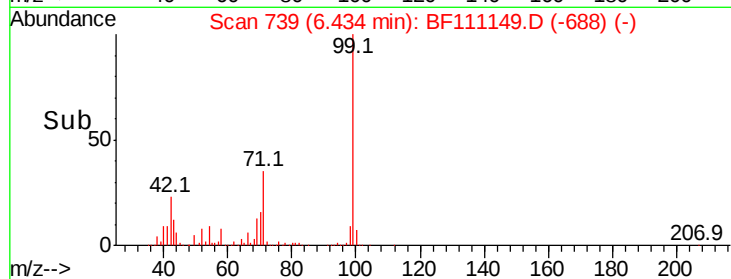


Abundance

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: 4.764 ng

RT: 6.44 min Scan# 740

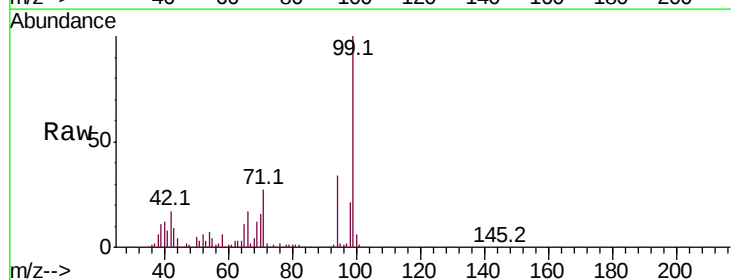
Delta R.T. -0.01 min

Lab File: BF111149.D

Acq: 6 Dec 2018 20:22

Tgt Ion: 94 Resp: 191739

Ion	Ratio	Lower	Upper
94	100		
65	32.7	10.5	50.5
66	48.9	19.8	59.8

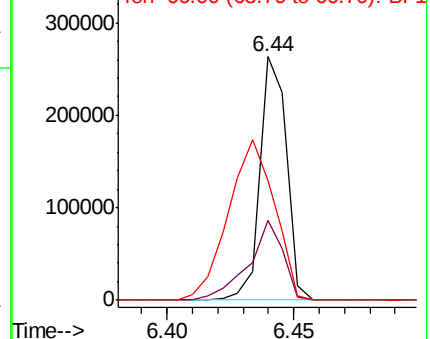
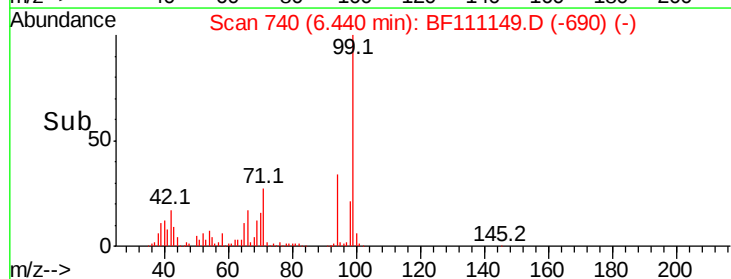


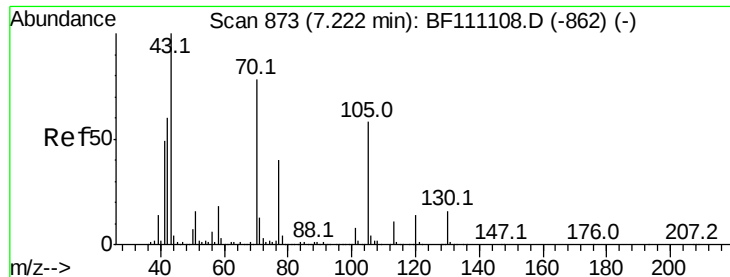
Abundance

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

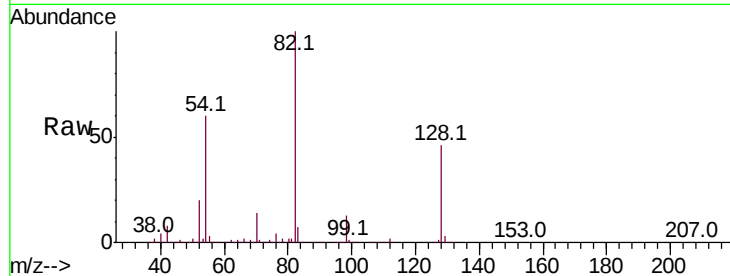




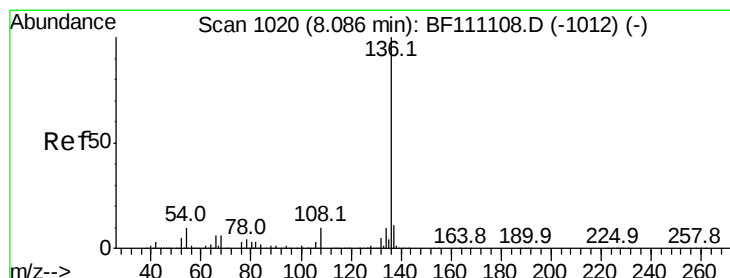
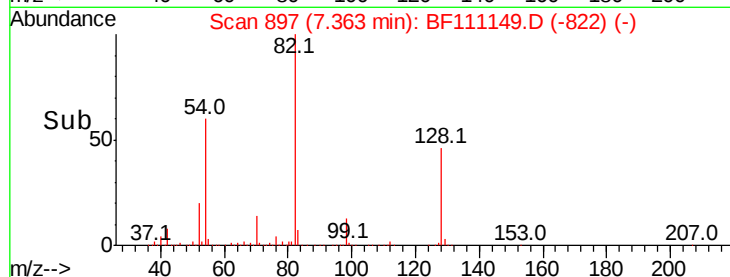
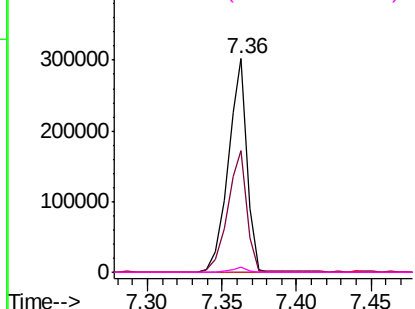
#19
n-Nitroso-di-n-propylamine
Concen: 10.825 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111149.D
Acq: 6 Dec 2018 20:22

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 268505
Ion Ratio Lower Upper
70 100
42 56.7 61.3 91.9#
101 0.1 7.7 11.5#
130 2.6 16.3 24.5#



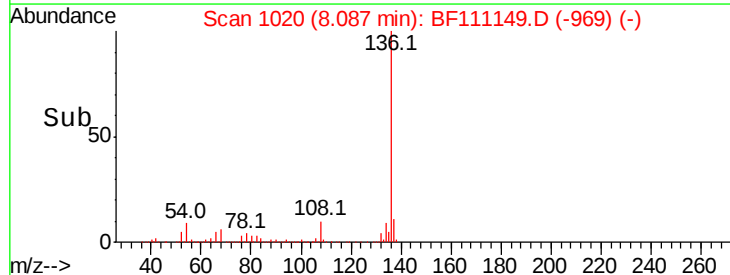
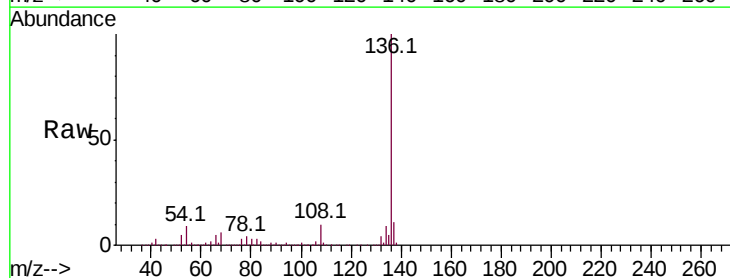
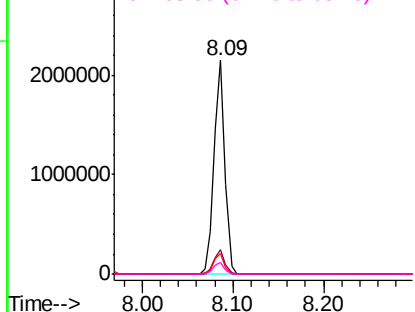
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

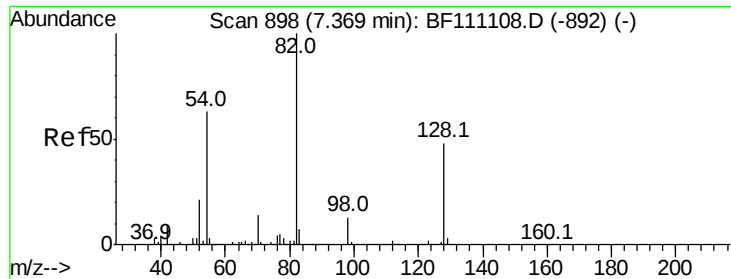


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111149.D
Acq: 6 Dec 2018 20:22

Tgt Ion:136 Resp: 1804274
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.4 8.4 12.6
68 5.7 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 65.139 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF111149.D

Acq: 6 Dec 2018 20:22

Instrument :

BNA_F

ClientSampled :

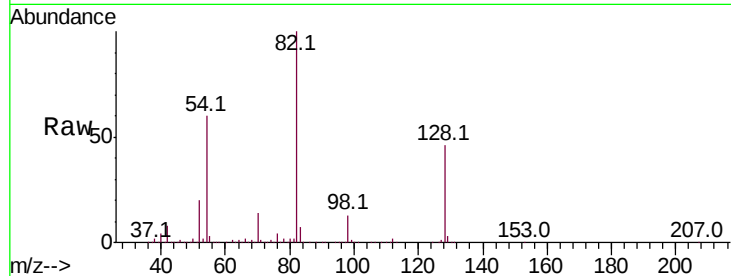
Tot Ion: 82 Resp: 1985161

Ion Ratio Lower Upper

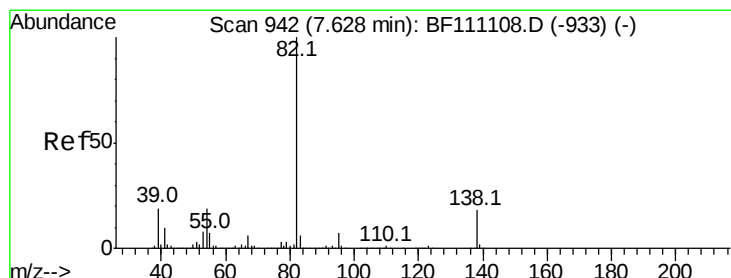
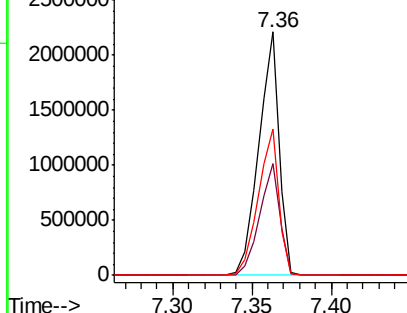
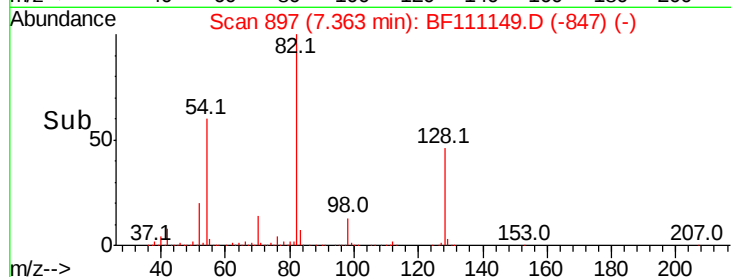
82 100

128 46.2 38.1 57.1

54 60.4 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: 35.285 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF111149.D

Acq: 6 Dec 2018 20:22

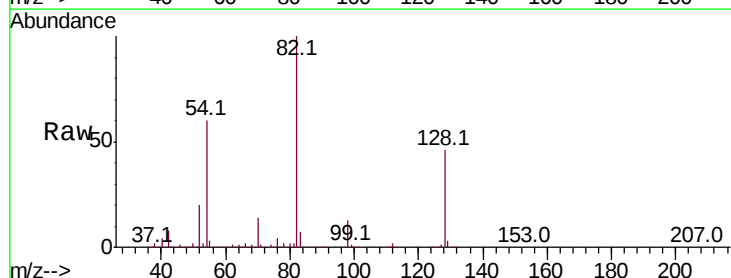
Tgt Ion: 82 Resp: 1973484

Ion Ratio Lower Upper

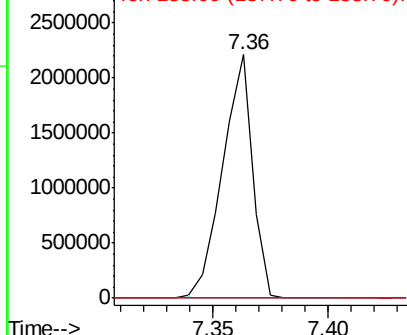
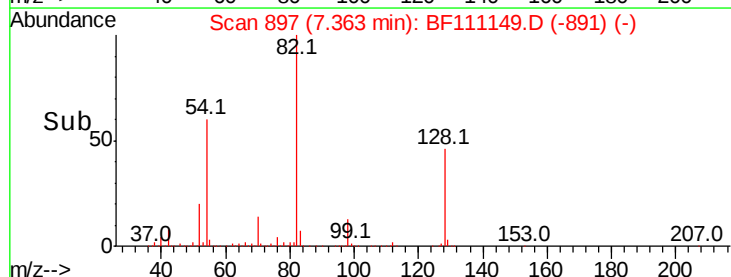
82 100

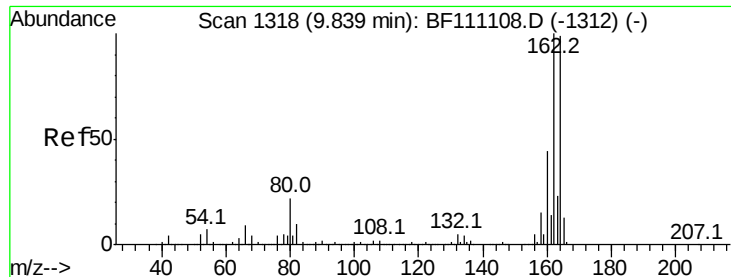
95 0.0 5.6 8.4#

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

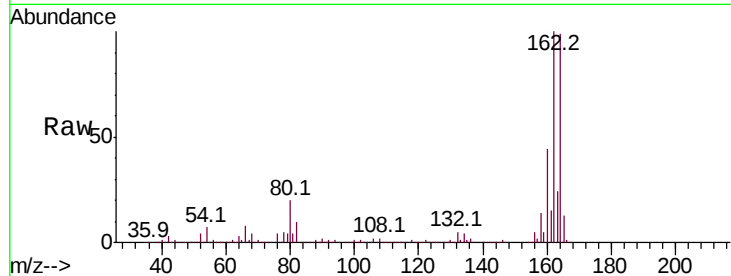




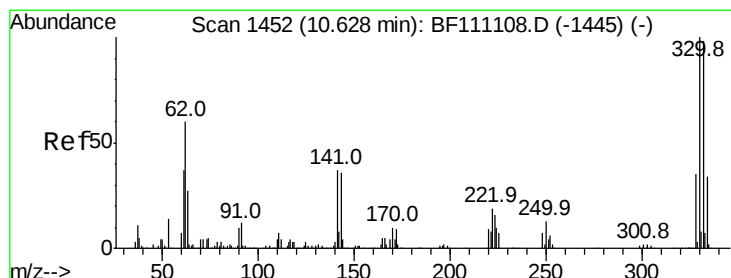
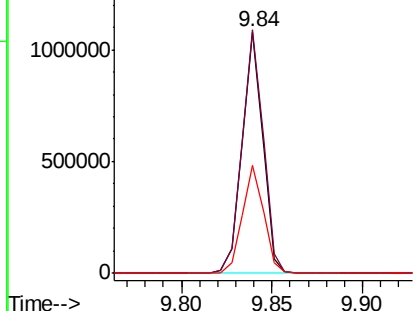
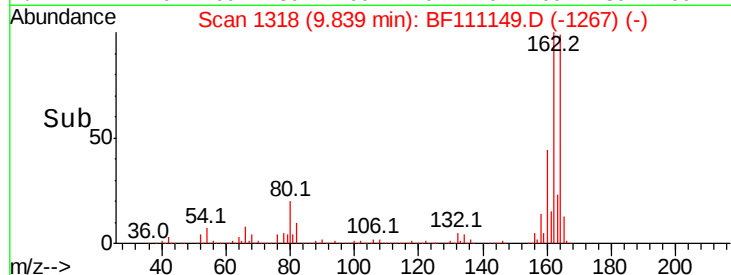
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF111149.D
 Acq: 6 Dec 2018 20:22

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:164 Resp: 853586
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.6 120.8
 160 44.6 35.5 53.3

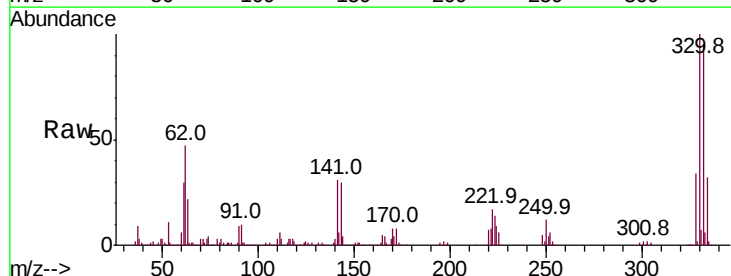


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

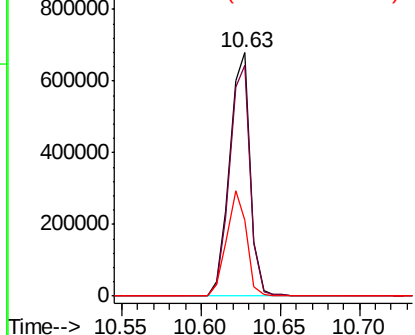
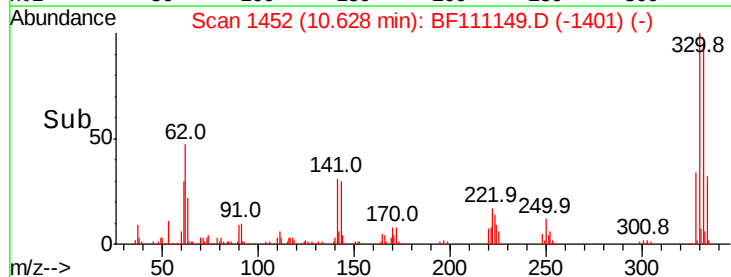


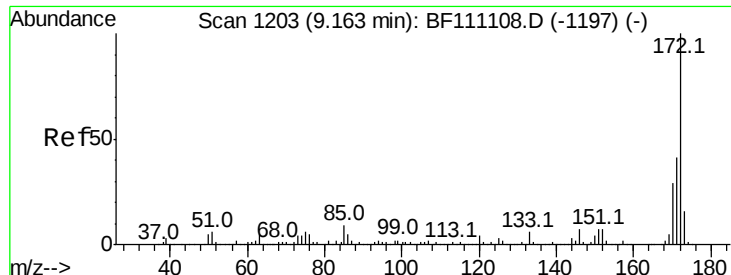
#42
 2,4,6-Tribromophenol
 Concen: 90.766 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF111149.D
 Acq: 6 Dec 2018 20:22

Tgt Ion:330 Resp: 615853
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.2 115.8
 141 41.7 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

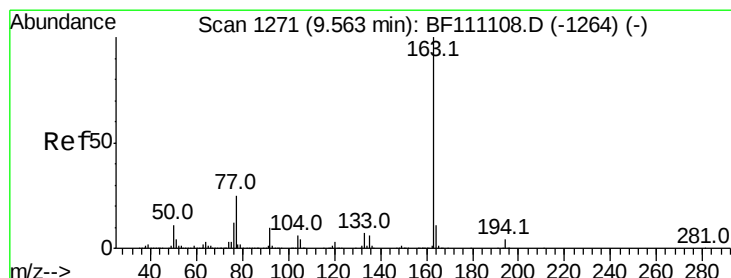
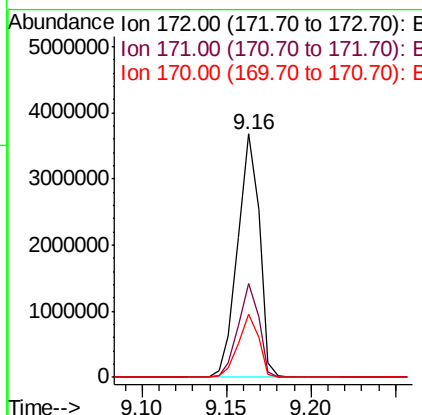
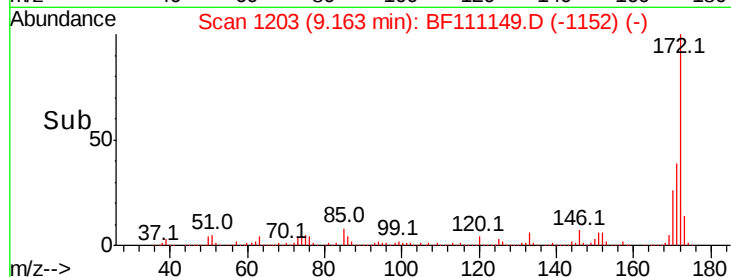
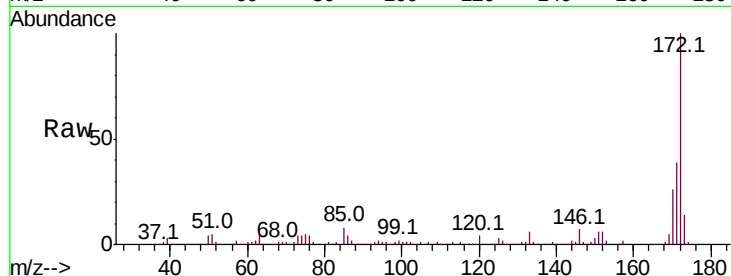




#45
2-Fluorobiphenyl
Concen: 68.661 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111149.D
Acq: 6 Dec 2018 20:22

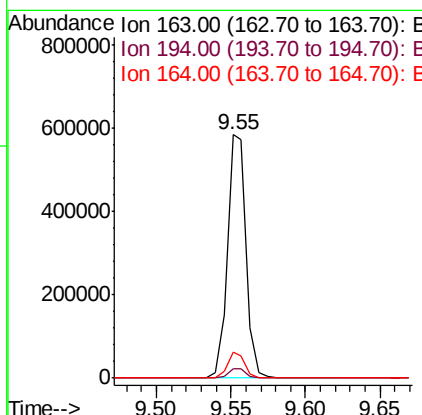
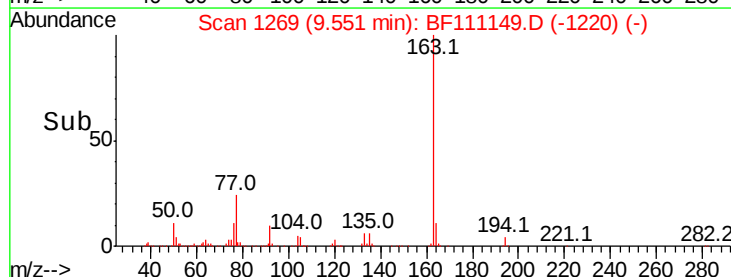
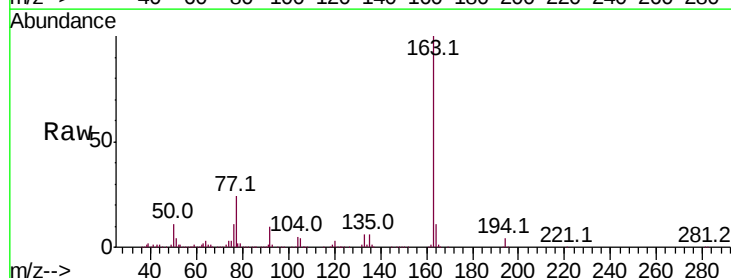
Instrument :
BNA_F
ClientSampleId :

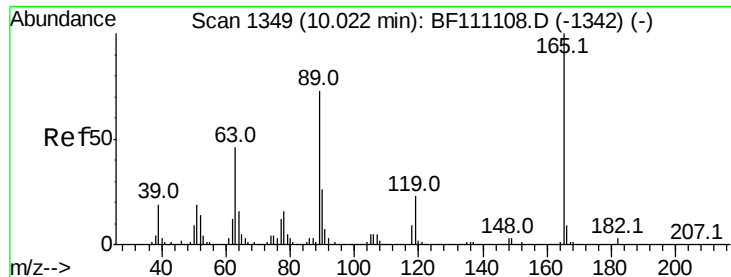
Tot Ion:172 Resp: 3293589
Ion Ratio Lower Upper
172 100
171 38.6 33.2 49.8
170 26.1 22.9 34.3



#50
Dimethylphthalate
Concen: 8.685 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111149.D
Acq: 6 Dec 2018 20:22

Tgt Ion:163 Resp: 515970
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.9 8.9 13.3

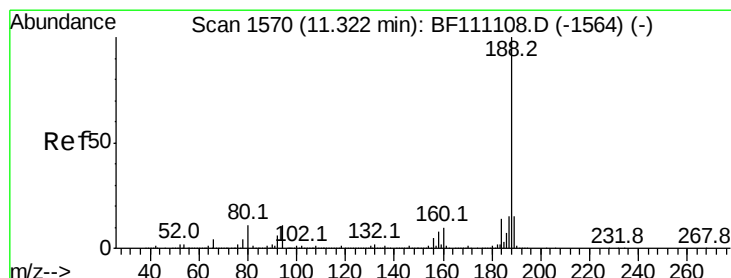
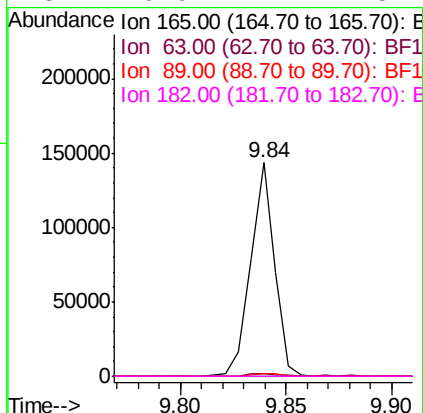
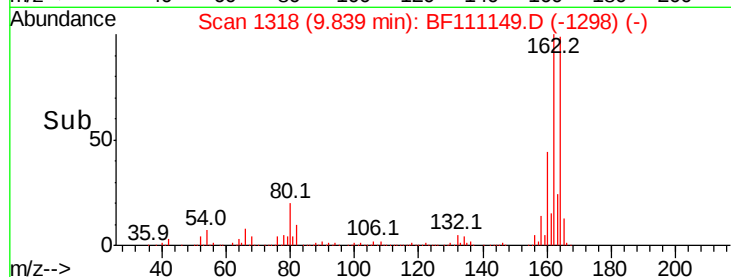
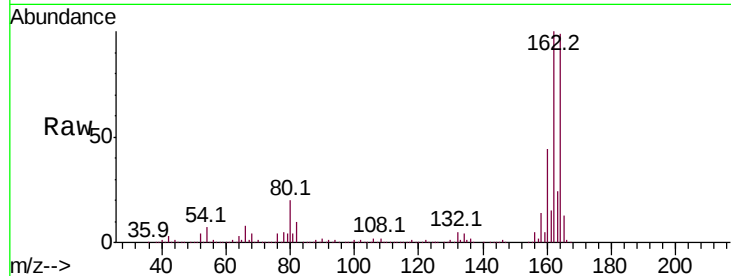




#57
 2,4-Dinitrotoluene
 Concen: 6.913 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF111149.D
 Acq: 6 Dec 2018 20:22

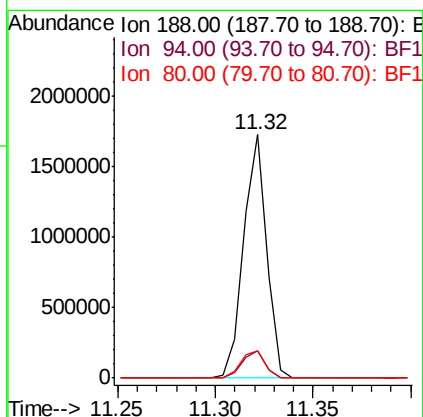
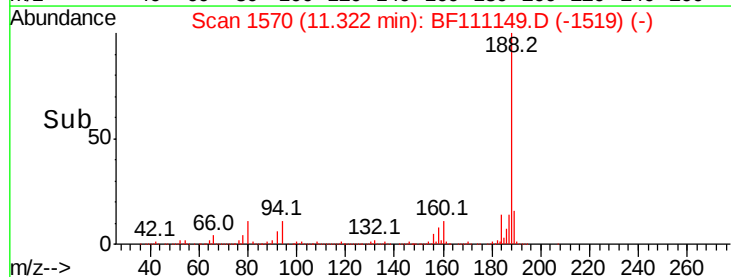
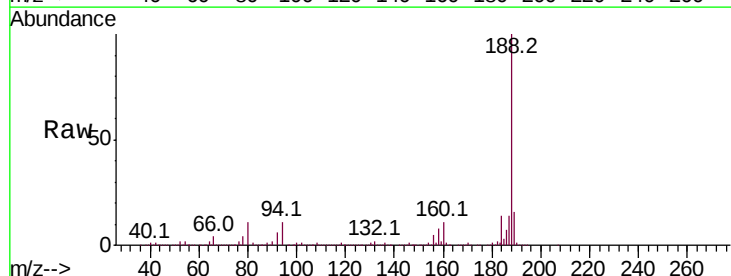
Instrument :
 BNA_F
 ClientSampleId :

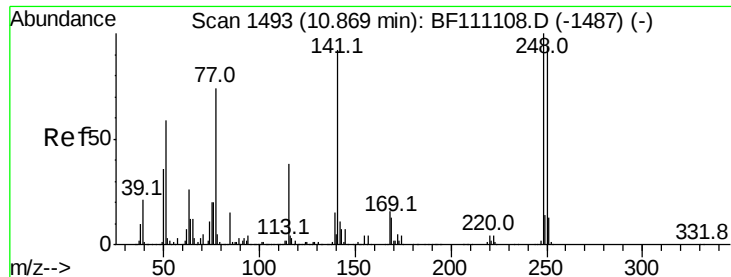
Tot Ion:165 Resp: 112447
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.7 55.1#
 89 1.4 58.4 87.6#
 182 0.0 2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF111149.D
 Acq: 6 Dec 2018 20:22

Tgt Ion:188 Resp: 1411107
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.1 9.0 13.6





#67

4-Bromophenyl-phenylether

Concen: 2.677 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF111149.D

Acq: 6 Dec 2018 20:22

Instrument :

BNA_F

ClientSampleId :

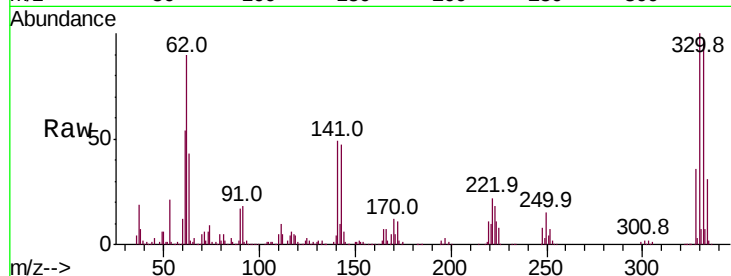
Tot Ion:248 Resp: 39991

Ion Ratio Lower Upper

248 100

250 194.6 75.4 113.0#

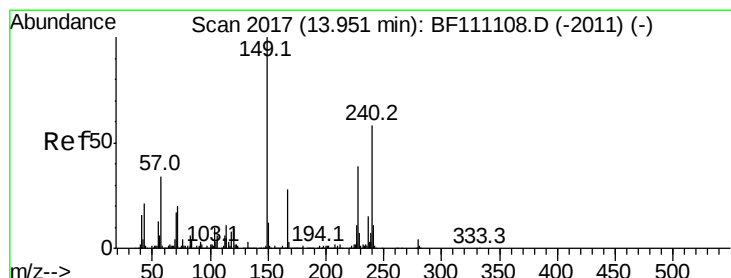
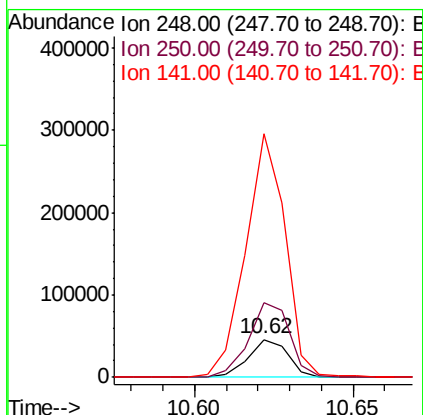
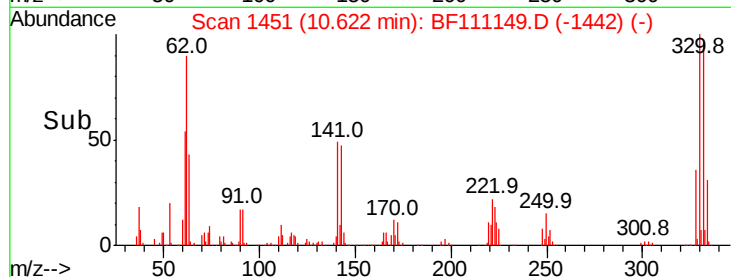
141 638.9 73.8 110.6#



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: BF111149.D

Acq: 6 Dec 2018 20:22

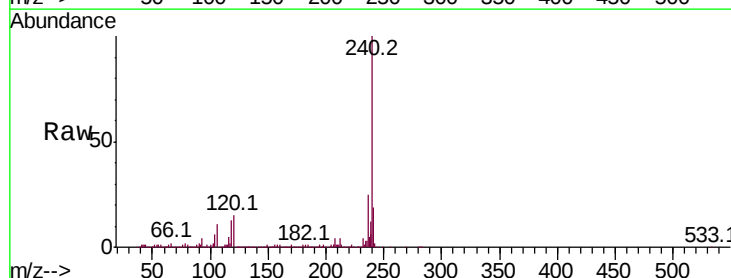
Tgt Ion:240 Resp: 807276

Ion Ratio Lower Upper

240 100

120 15.4 12.8 19.2

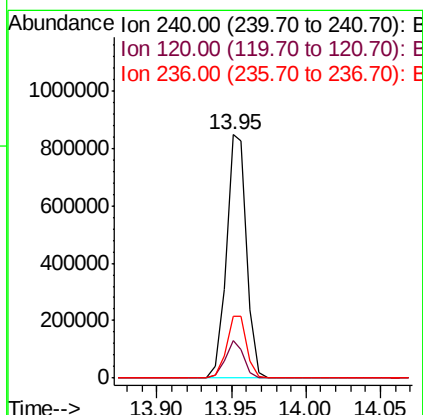
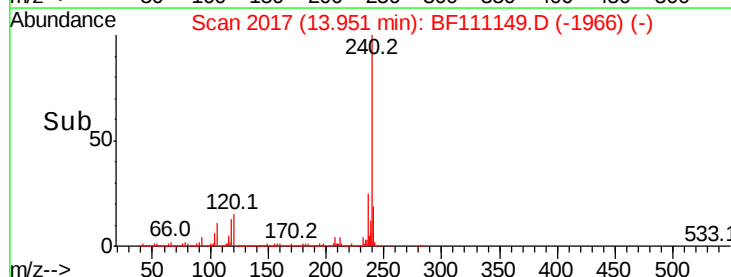
236 25.4 21.1 31.7

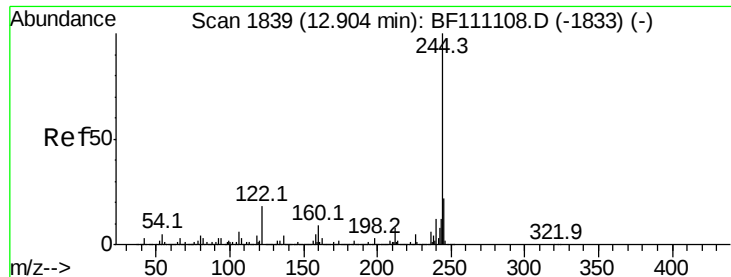


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

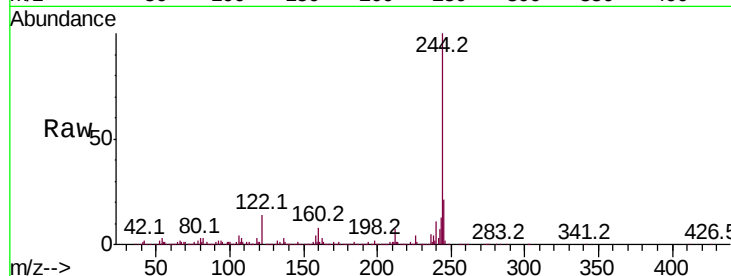




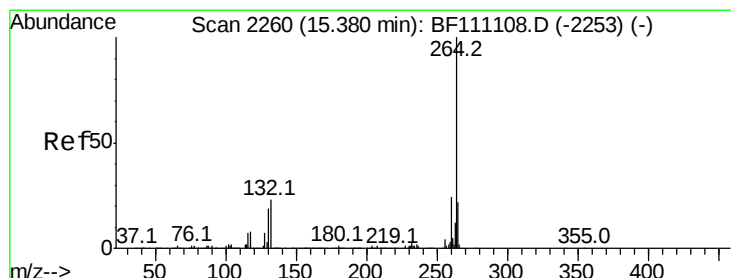
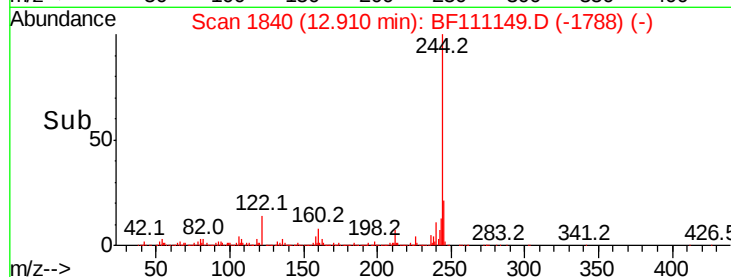
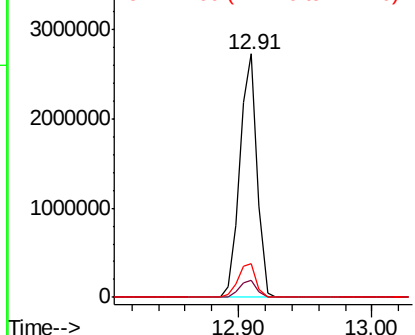
#79
 Terphenyl-d14
 Concen: 62.069 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111149.D
 Acq: 6 Dec 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2446631
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.6 9.8
 122 13.6 14.2 21.2#

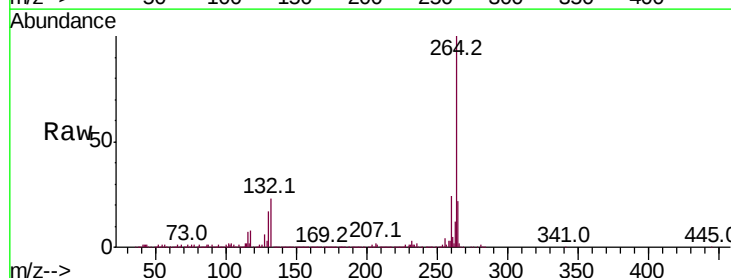


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111149.D
 Acq: 6 Dec 2018 20:22

Tgt Ion:264 Resp: 864712
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 21.8 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

