

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114357.D
 Acq On : 17 May 2019 18:32
 Operator : JU/SJ
 Sample : K2894-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 05:04:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

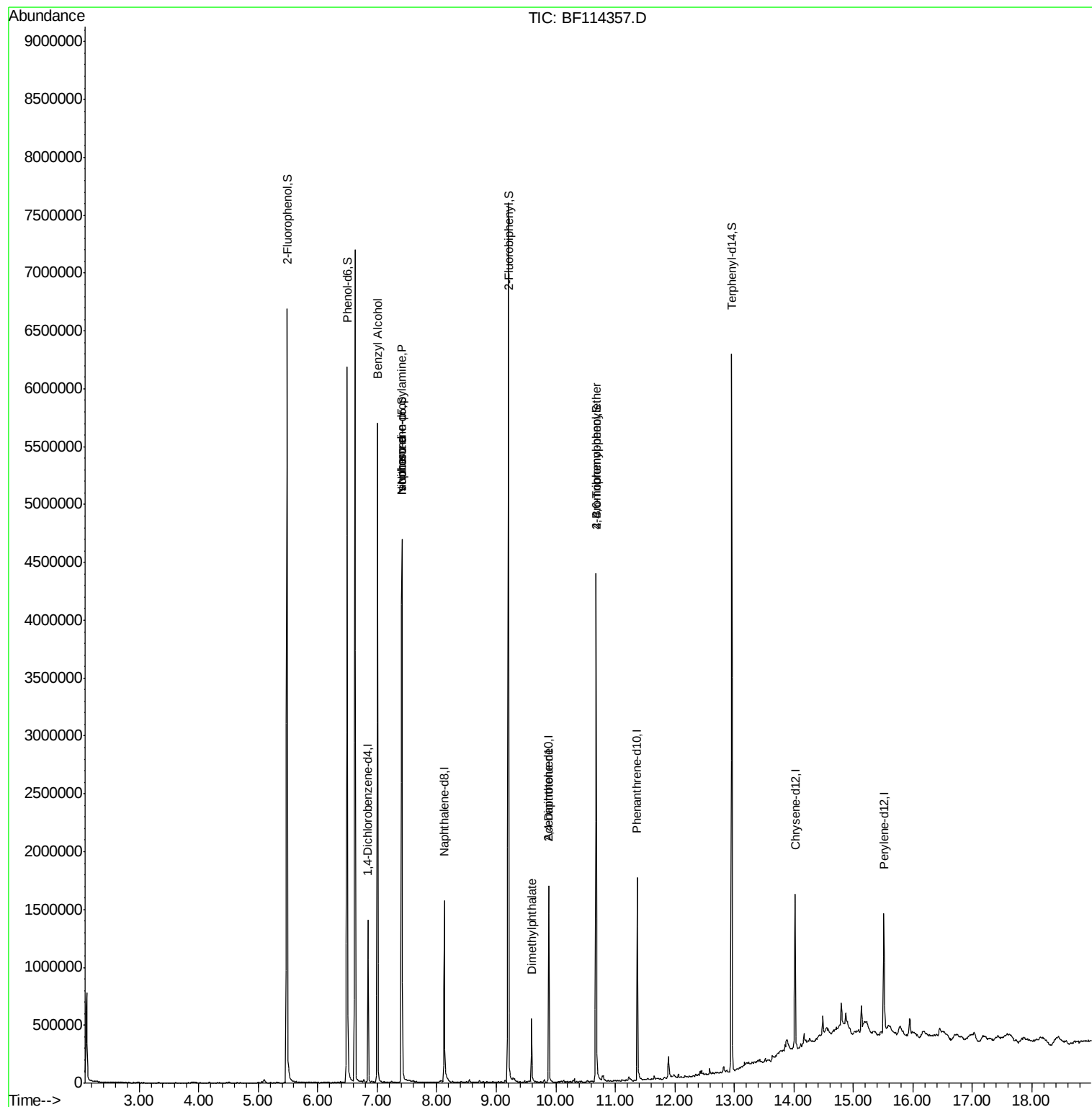
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	198070	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	732506	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	345344	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	654353	20.00	ng	0.00
76) Chrysene-d12	14.02	240	473325	20.00	ng	0.00
87) Perylene-d12	15.51	264	447354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1978848	160.78	ng	0.00
7) Phenol-d6	6.50	99	2654510	182.35	ng	0.00
23) Nitrobenzene-d5	7.42	82	1674922	128.32	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	592965	166.08	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2606678	114.18	ng	0.00
79) Terphenyl-d14	12.96	244	2346009	102.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.00	79	25743	2.267	ng	# 49
19) n-Nitroso-di-n-propylamine	7.42	70	224308	24.310	ng	# 74
25) Isophorone	7.42	82	1674913	69.191	ng	# 64
50) Dimethylphthalate	9.59	163	223717	8.825	ng	# 99
57) 2,4-Dinitrotoluene	9.88	165	44975	5.893	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	38366	5.325	ng	# 1

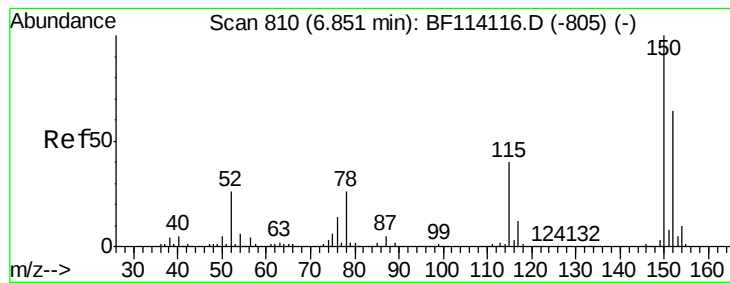
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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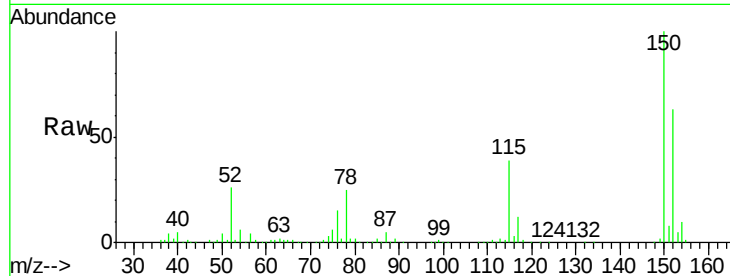


#1

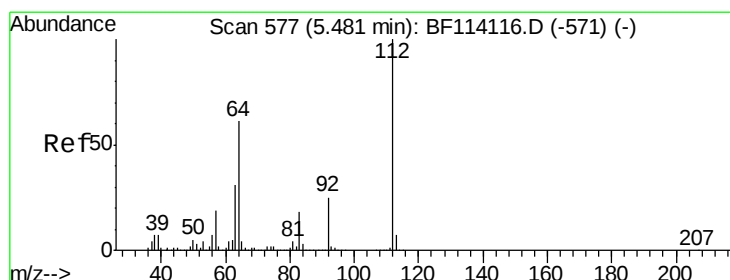
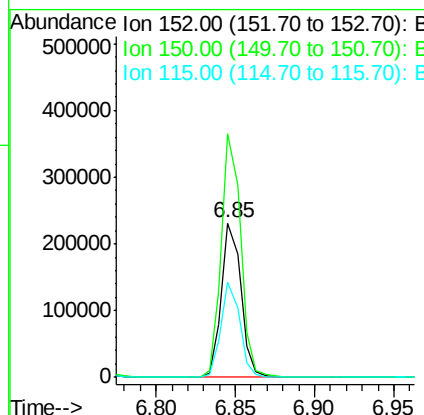
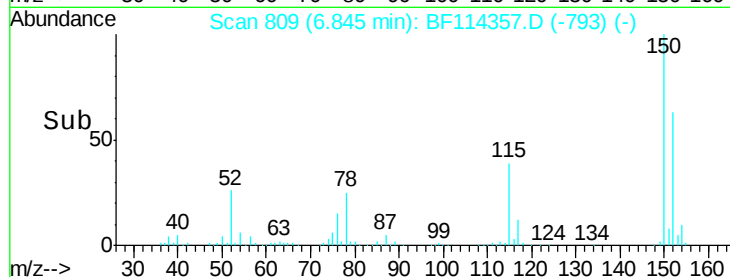
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114357.D
Acq: 17 May 2019 18:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 198070
Ion Ratio Lower Upper
152 100
150 157.6 124.3 186.5
115 61.6 49.1 73.7



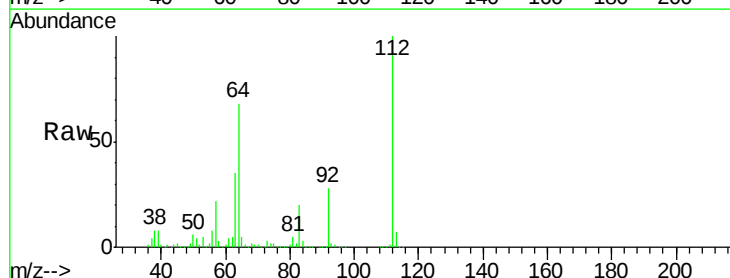
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



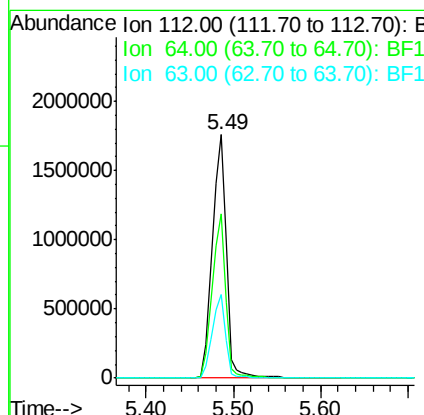
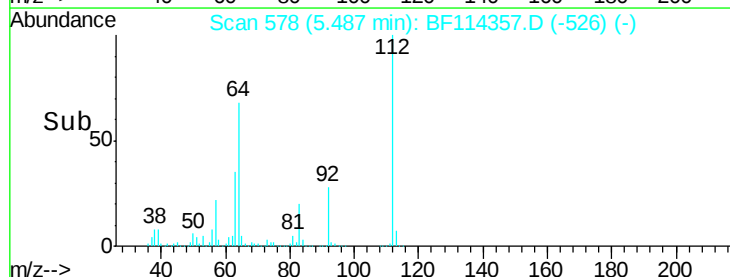
#5

2-Fluorophenol
Concen: 160.776 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114357.D
Acq: 17 May 2019 18:32

Tgt Ion:112 Resp: 1978848
Ion Ratio Lower Upper
112 100
64 67.6 49.0 73.6
63 34.5 24.6 37.0



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: 182.350 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114357.D

Acq: 17 May 2019 18:32

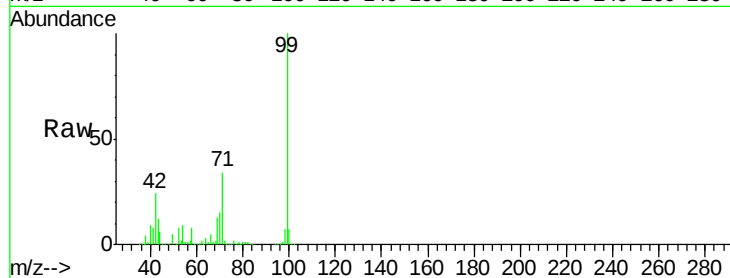
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2654510

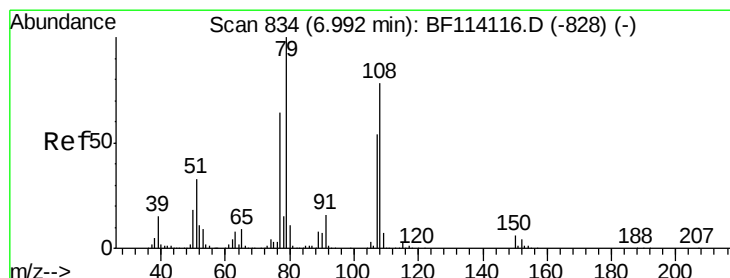
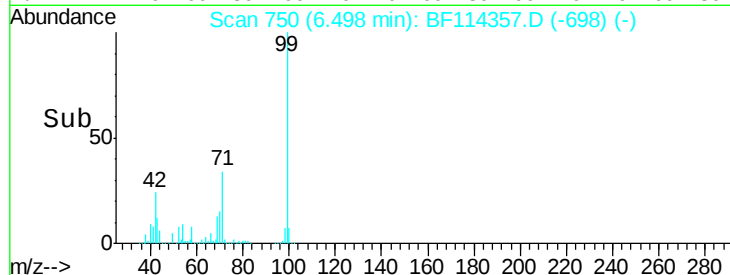
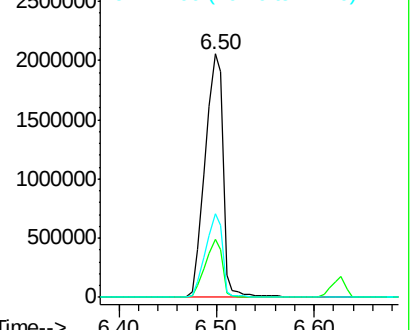
Ion	Ratio	Lower	Upper
99	100		
42	23.6	17.9	26.9
71	34.2	26.2	39.2



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



#15

Benzyl Alcohol

Concen: 2.267 ng

RT: 7.00 min Scan# 836

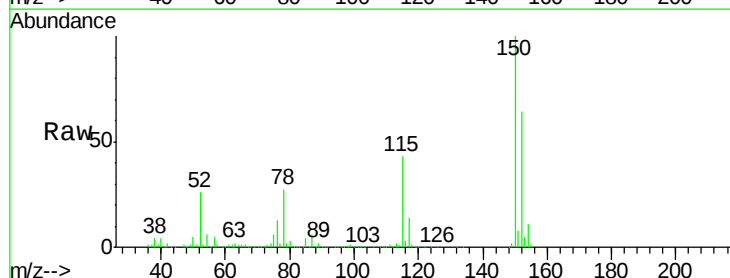
Delta R.T. 0.01 min

Lab File: BF114357.D

Acq: 17 May 2019 18:32

Tgt Ion: 79 Resp: 25743

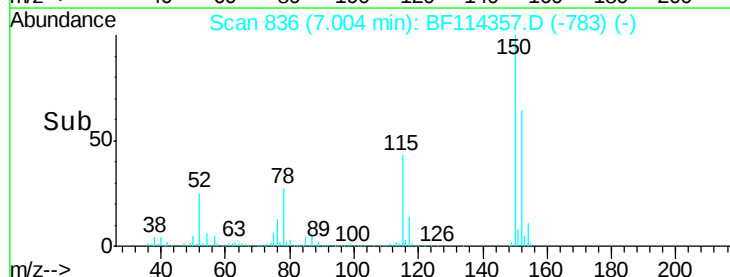
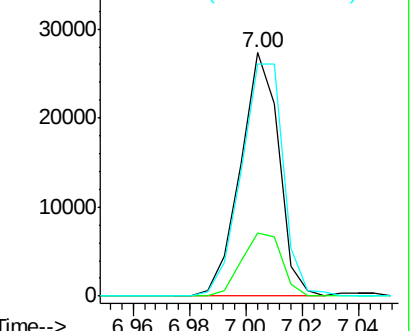
Ion	Ratio	Lower	Upper
79	100		
108	26.2	62.1	93.1#
77	95.4	51.0	76.6#

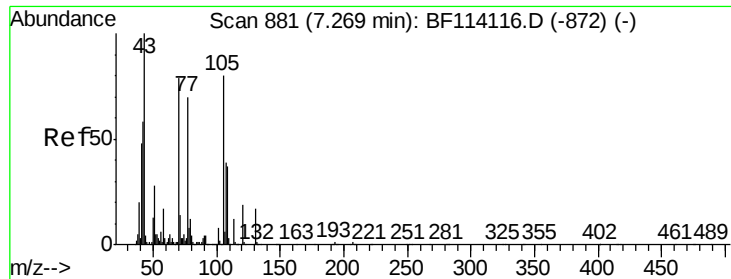


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

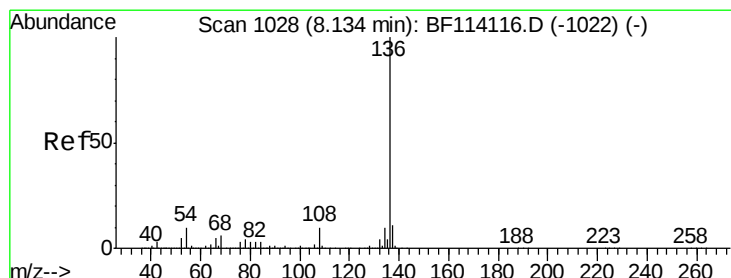
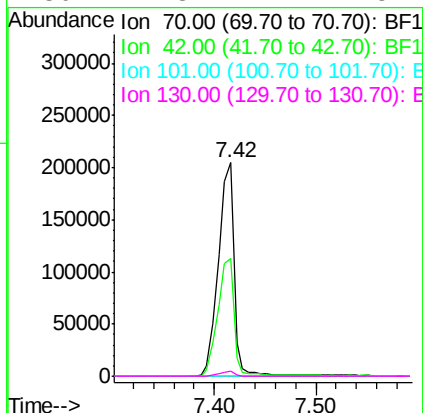
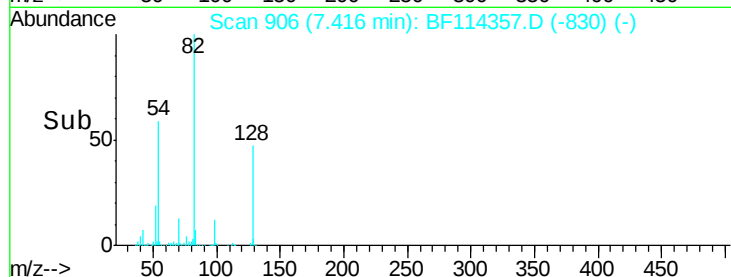
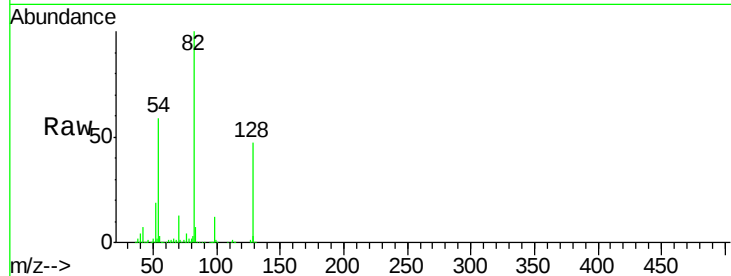




#19
n-Nitroso-di-n-propylamine
Concen: 24.310 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF114357.D
Acq: 17 May 2019 18:32

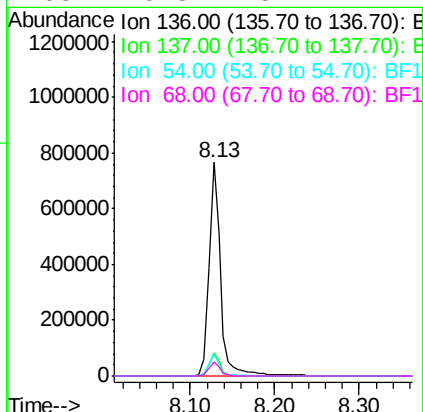
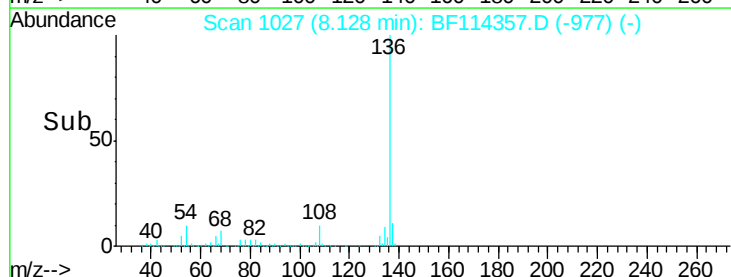
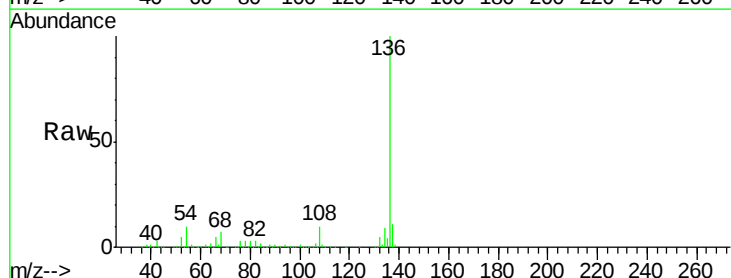
Instrument :
BNA_F
ClientSampleId :

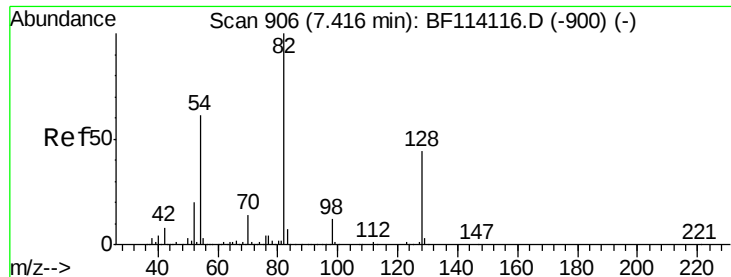
Tot Ion: 70 Resp: 224308
Ion Ratio Lower Upper
70 100
42 55.2 58.6 87.8#
101 0.0 7.8 11.8#
130 2.3 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114357.D
Acq: 17 May 2019 18:32

Tgt Ion: 136 Resp: 732506
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.1 7.8 11.8
68 6.8 5.1 7.7

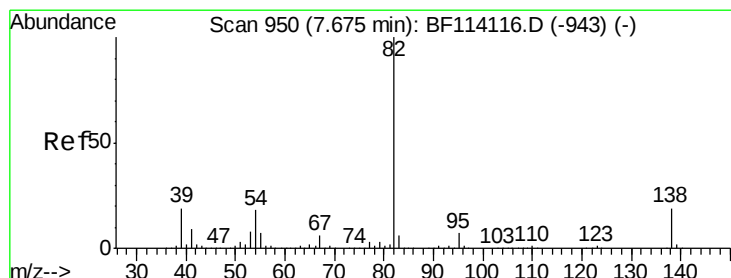
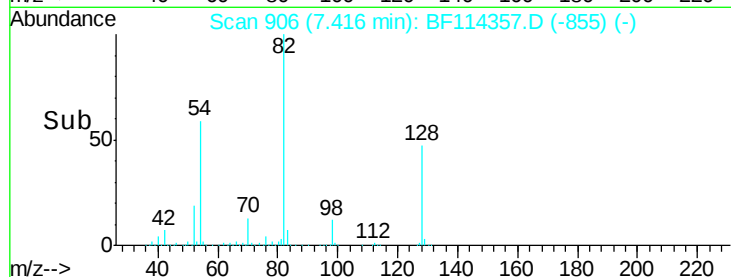
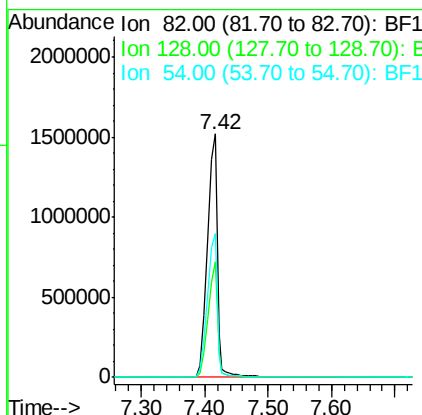
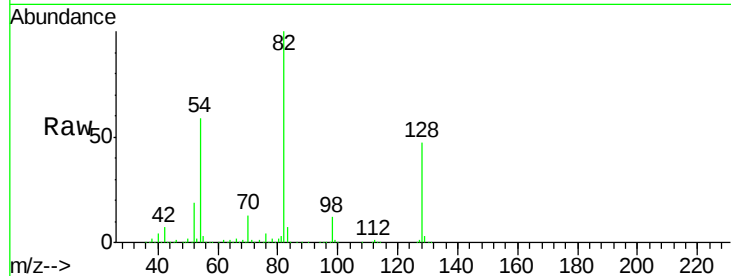




#23
 Nitrobenzene-d5
 Concen: 128.322 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114357.D
 Acq: 17 May 2019 18:32

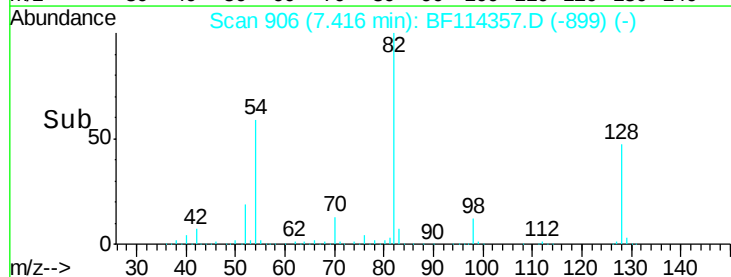
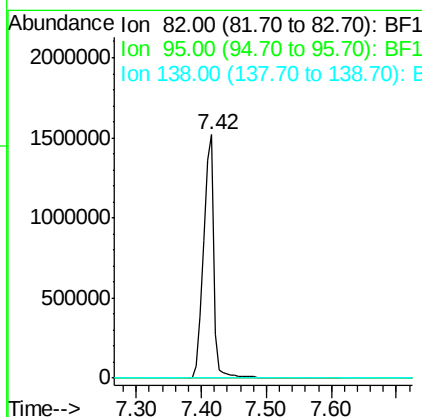
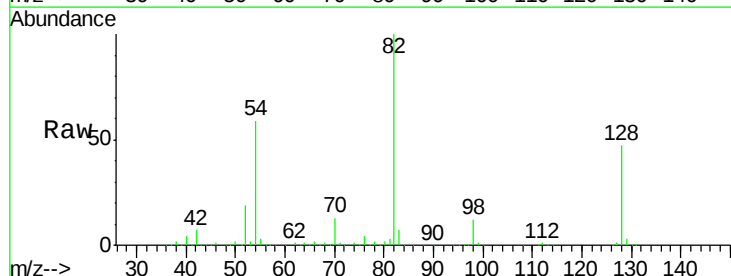
Instrument :
 BNA_F
 ClientSampleId :

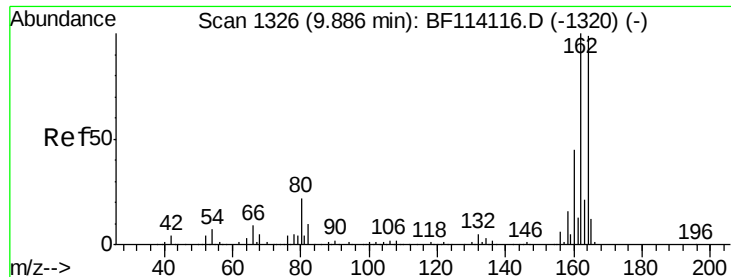
Tot Ion: 82 Resp: 1674922
 Ion Ratio Lower Upper
 82 100
 128 47.4 35.5 53.3
 54 59.2 48.5 72.7



#25
 Isophorone
 Concen: 69.191 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF114357.D
 Acq: 17 May 2019 18:32

Tgt Ion: 82 Resp: 1674913
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.8 22.2#

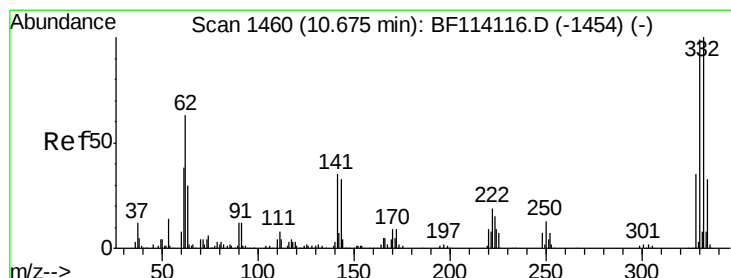
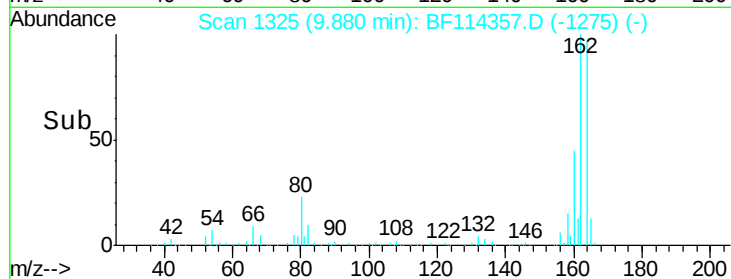
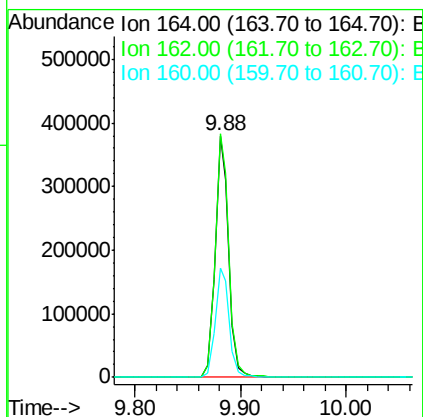
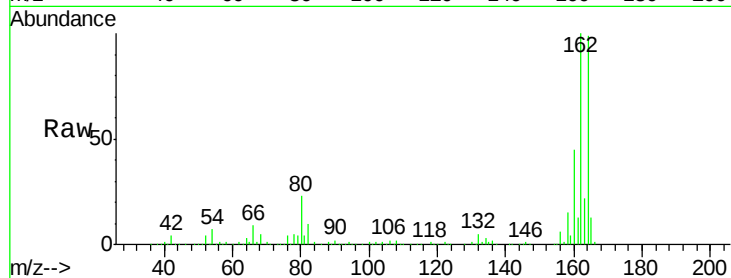




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114357.D
Acq: 17 May 2019 18:32

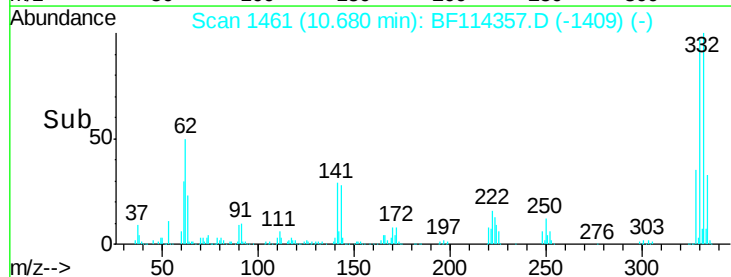
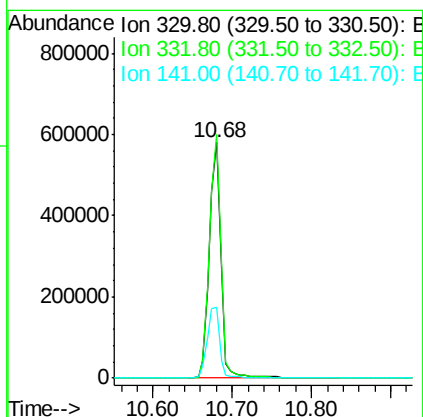
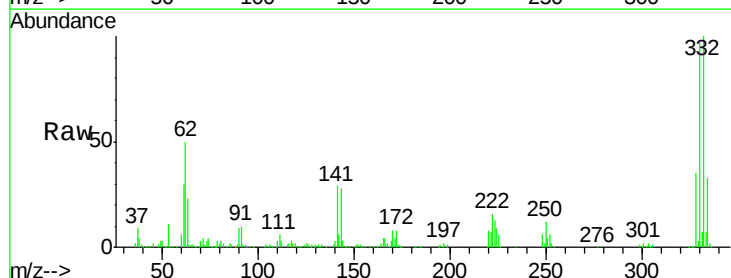
Instrument :
BNA_F
ClientSampleId :

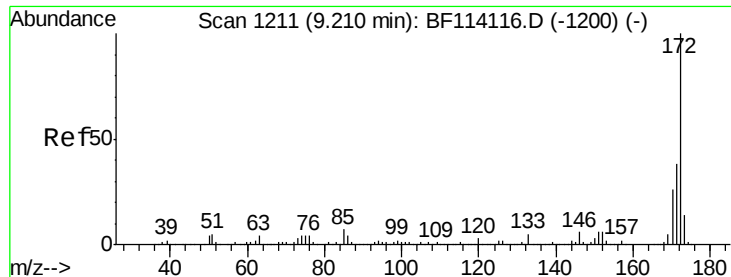
Tot Ion:164 Resp: 345344
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 45.4 36.5 54.7



#42
2,4,6-Tribromophenol
Concen: 166.084 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114357.D
Acq: 17 May 2019 18:32

Tgt Ion:330 Resp: 592965
Ion Ratio Lower Upper
330 100
332 102.7 81.4 122.2
141 32.9 26.6 40.0



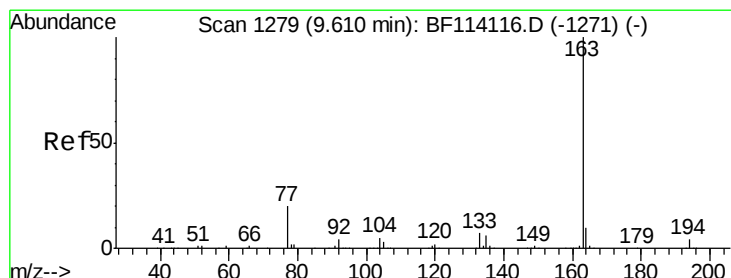
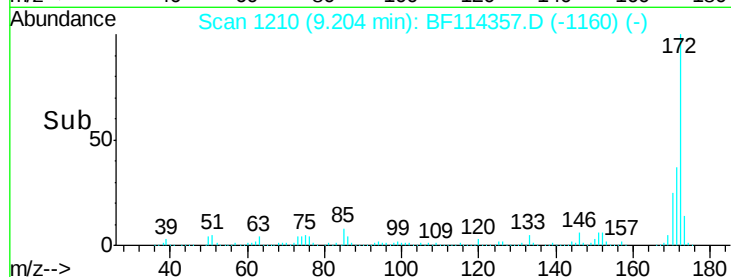
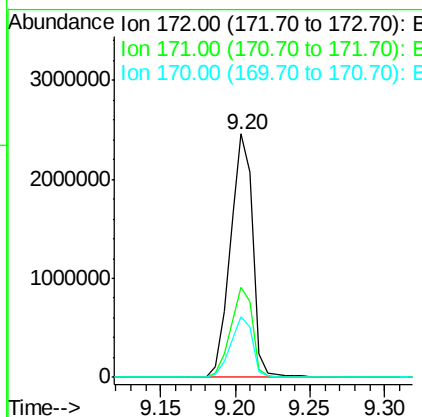
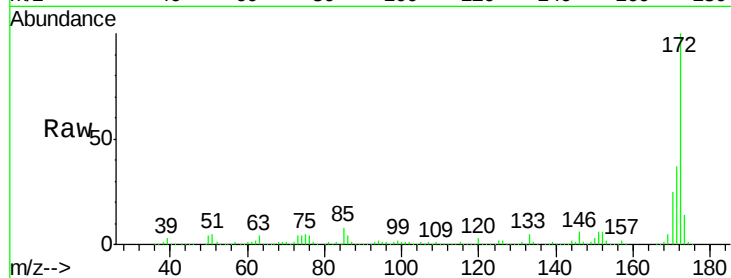


#45
 2-Fluorobiphenyl
 Concen: 114.177 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114357.D
 Acq: 17 May 2019 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2606678

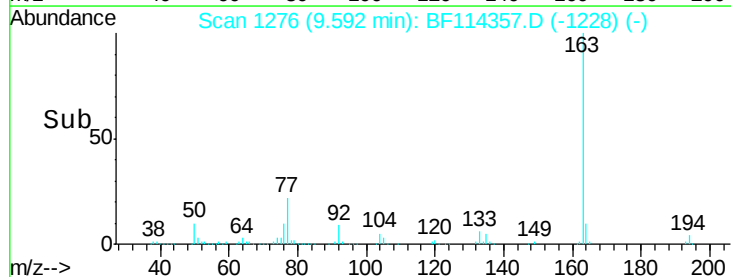
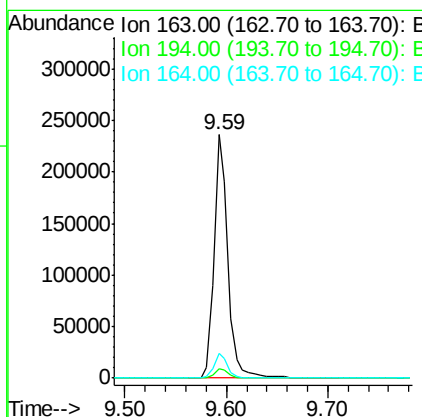
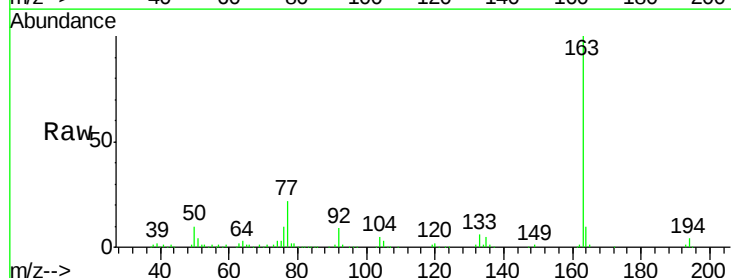
Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.7	46.1
170	25.0	20.5	30.7

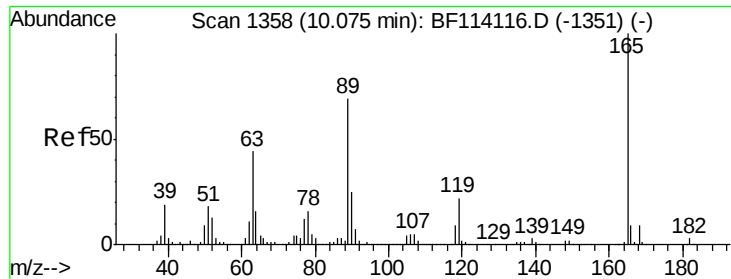


#50
 Dimethylphthalate
 Concen: 8.825 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF114357.D
 Acq: 17 May 2019 18:32

Tgt Ion:163 Resp: 223717

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.9	8.2	12.2

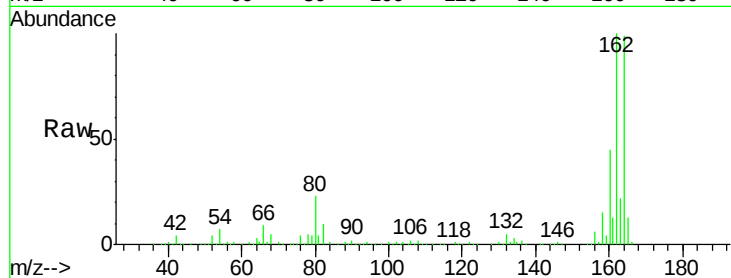




#57
 2,4-Dinitrotoluene
 Concen: 5.893 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF114357.D
 Acq: 17 May 2019 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.5	53.3#
89	1.0	55.2	82.8#
182	0.0	2.2	3.2#

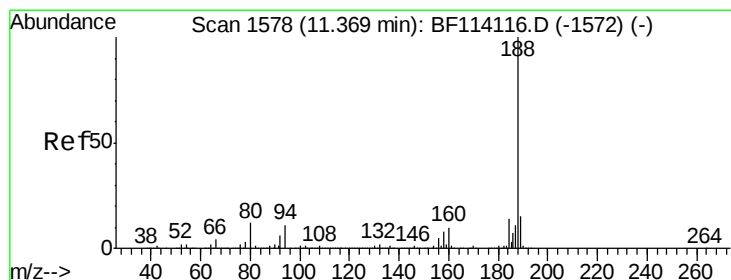
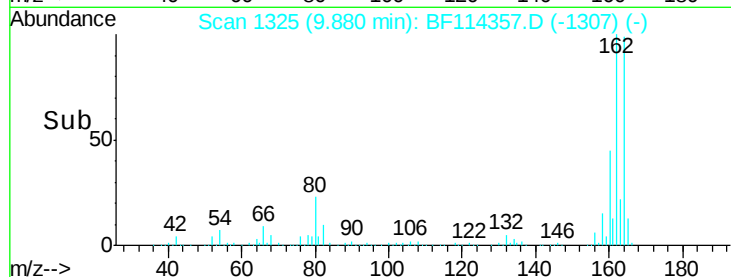
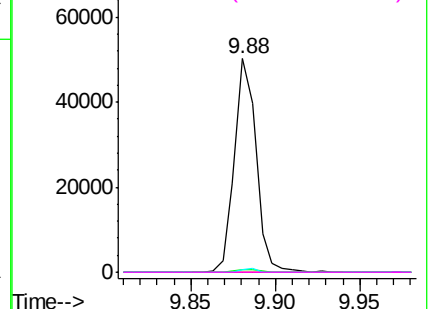


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

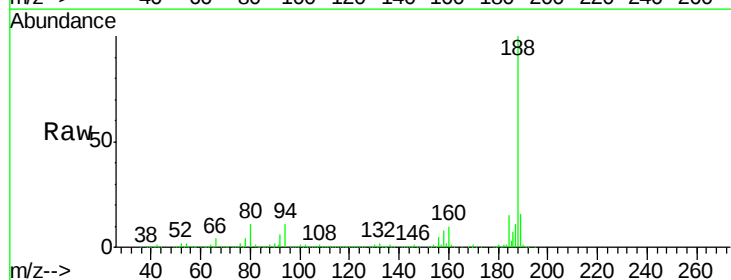
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114357.D
 Acq: 17 May 2019 18:32

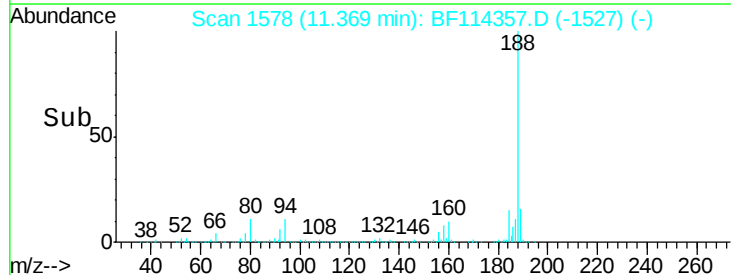
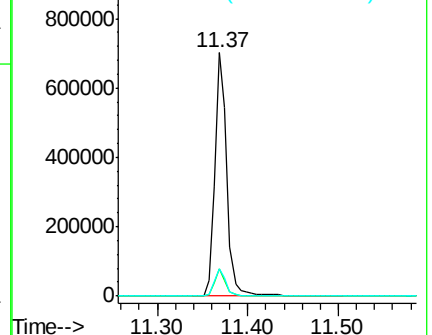
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.4	12.6
80	11.0	9.2	13.8

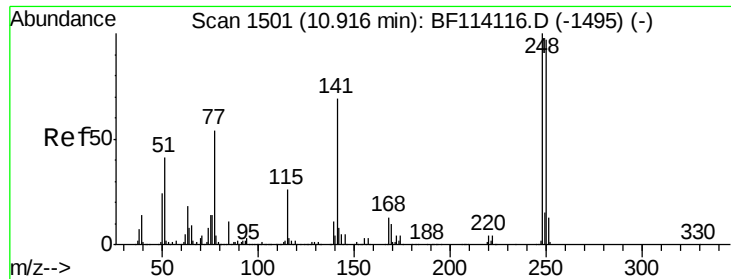


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

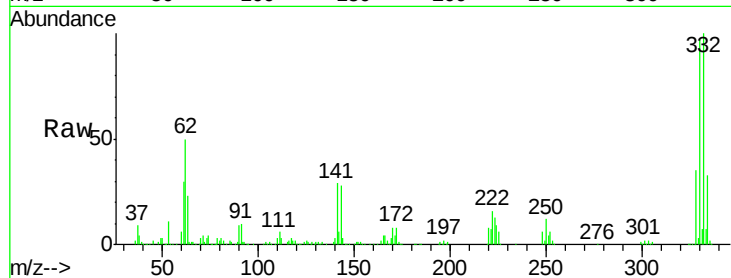




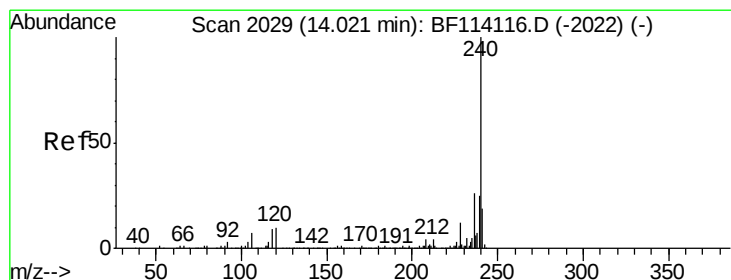
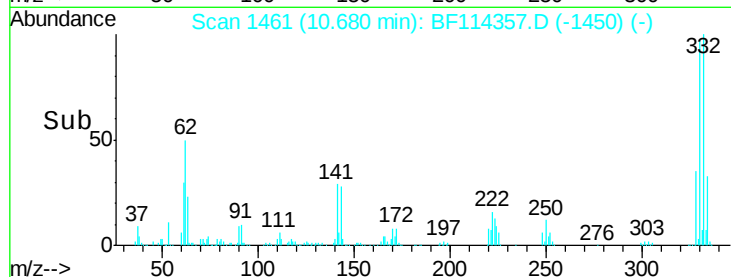
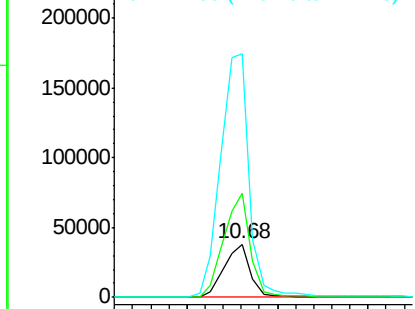
#67
 4-Bromophenyl-phenylether
 Concen: 5.325 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF114357.D
 Acq: 17 May 2019 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 38366
 Ion Ratio Lower Upper
 248 100
 250 195.5 77.4 116.2#
 141 458.3 55.6 83.4#

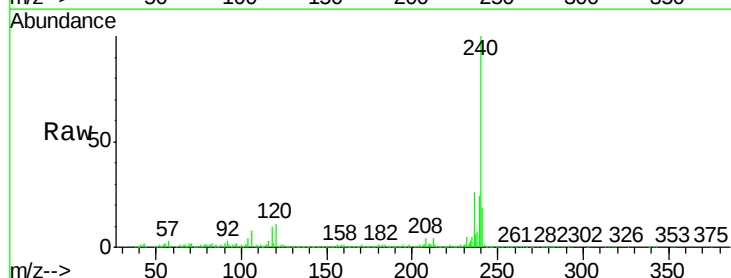


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

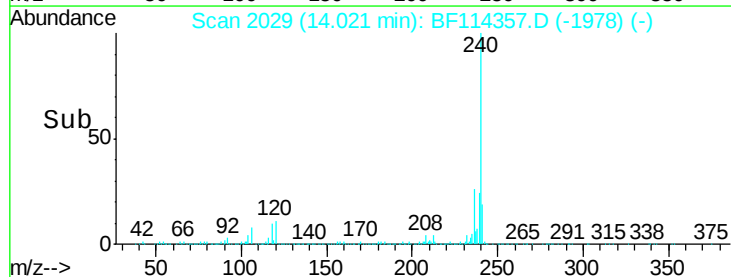
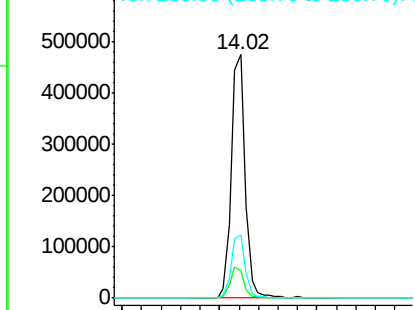


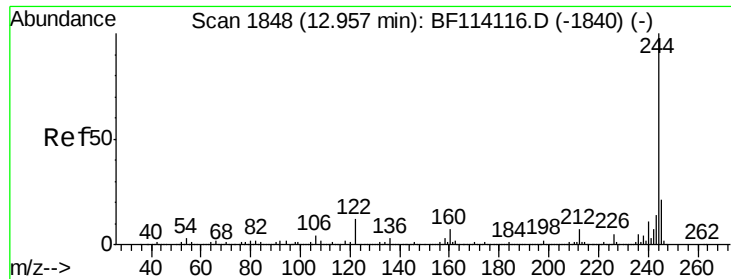
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF114357.D
 Acq: 17 May 2019 18:32

Tgt Ion:240 Resp: 473325
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.3 12.5
 236 25.8 20.8 31.2



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: 102.174 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114357.D

Acq: 17 May 2019 18:32

Instrument :

BNA_F

ClientSampleId :

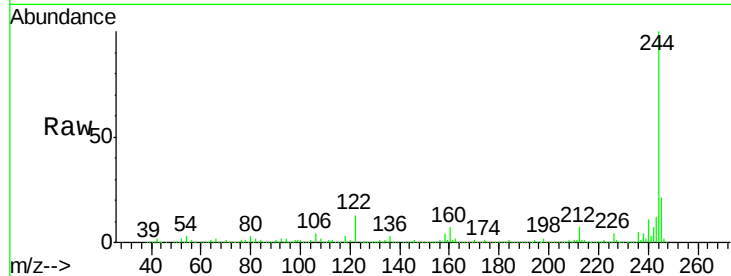
Tot Ion:244 Resp: 2346009

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

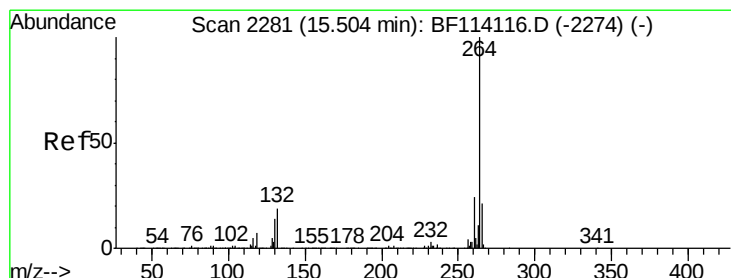
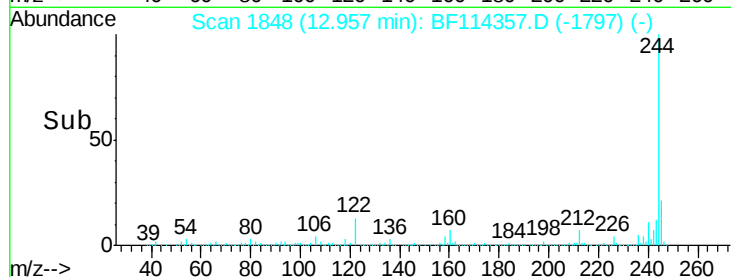
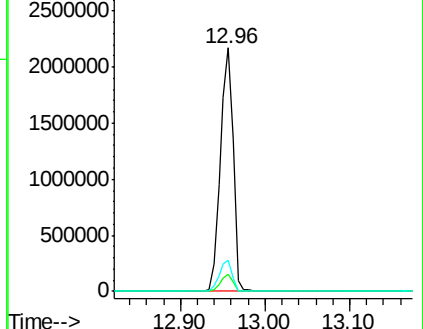
122 13.0 9.4 14.2



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: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF114357.D

Acq: 17 May 2019 18:32

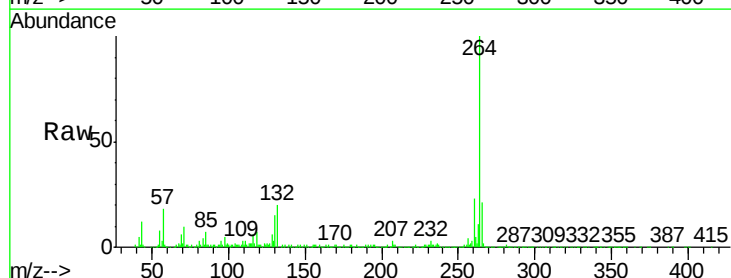
Tgt Ion:264 Resp: 447354

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 21.3 16.9 25.3



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

