

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114126.D
 Acq On : 10 May 2019 17:55
 Operator : JU/SJ
 Sample : K2764-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS010-0002-01

Quant Time: May 11 04:00:53 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

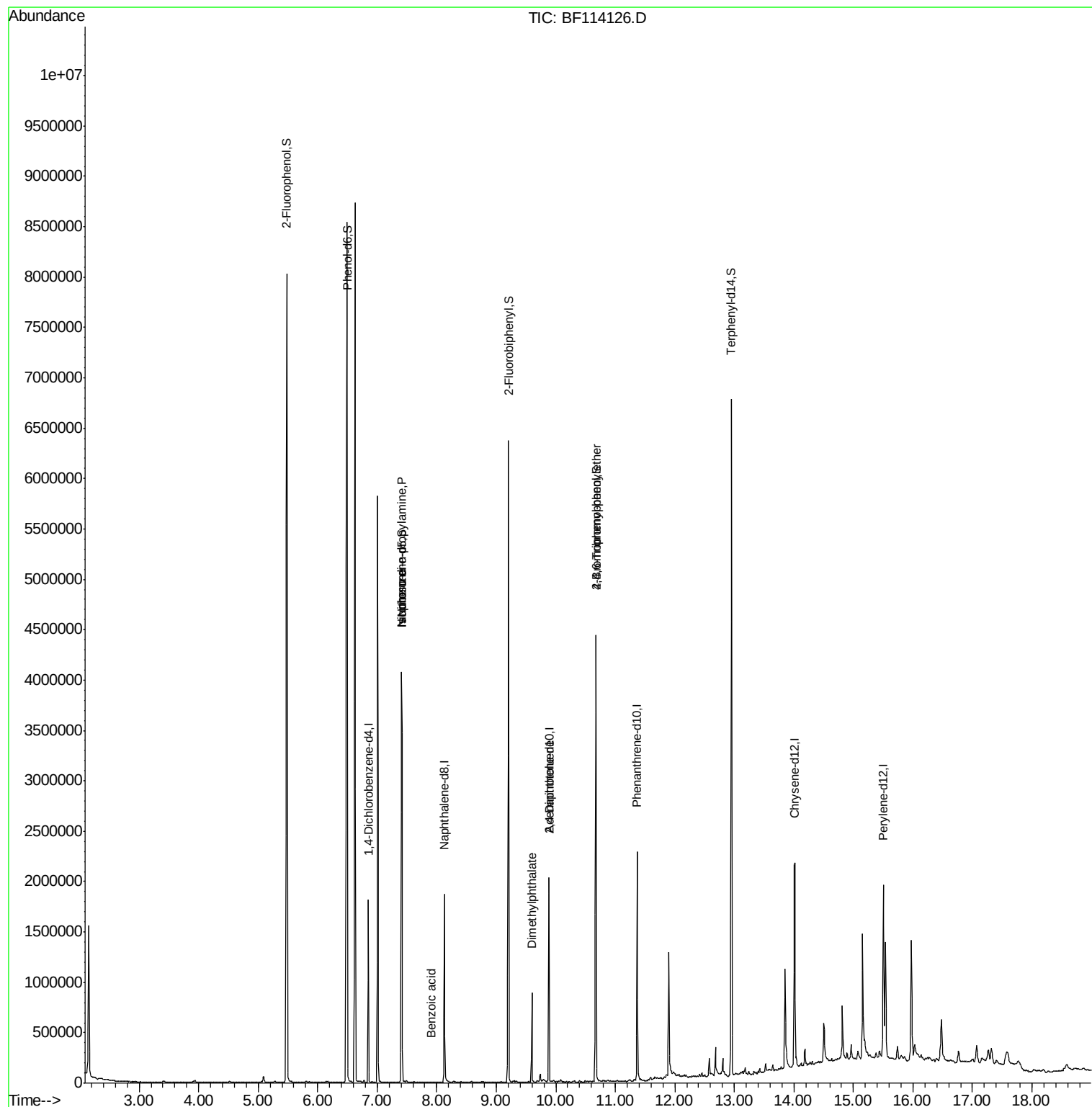
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	232257	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	859774	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	398991	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	761682	20.00	ng	0.00
76) Chrysene-d12	14.02	240	710115	20.00	ng	0.00
87) Perylene-d12	15.50	264	772637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2371949	164.35	ng	0.00
7) Phenol-d6	6.49	99	3099113	181.56	ng	0.00
23) Nitrobenzene-d5	7.41	82	1392378	90.88	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	514958	124.84	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2147750	81.43	ng	0.00
79) Terphenyl-d14	12.95	244	2233713	64.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	187254	17.307	ng	# 79
25) Isophorone	7.41	82	1390331	48.933	ng	# 64
32) Benzoic acid	7.92	122	115	7.032	ng	# 1
50) Dimethylphthalate	9.60	163	348361	11.894	ng	100
57) 2,4-Dinitrotoluene	9.89	165	51396	5.829	ng	# 26
67) 4-Bromophenyl-phenylether	10.67	248	33190	3.958	ng	# 1

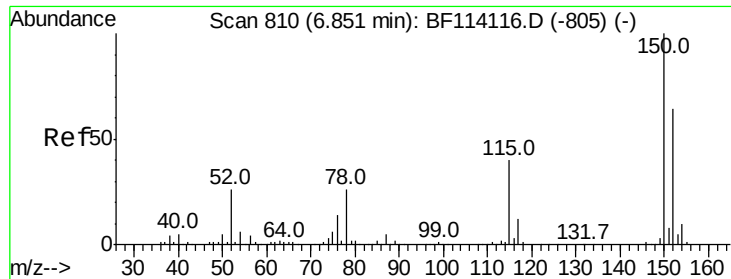
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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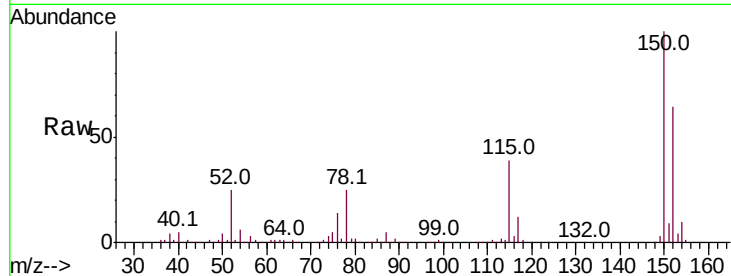


#1

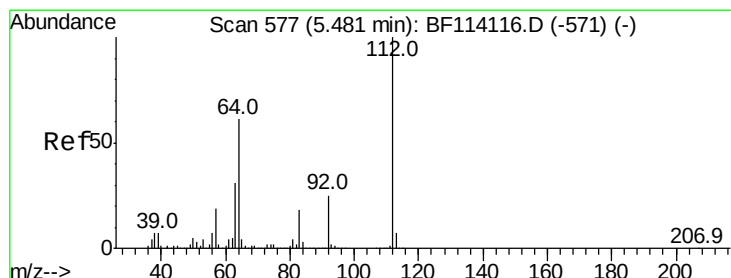
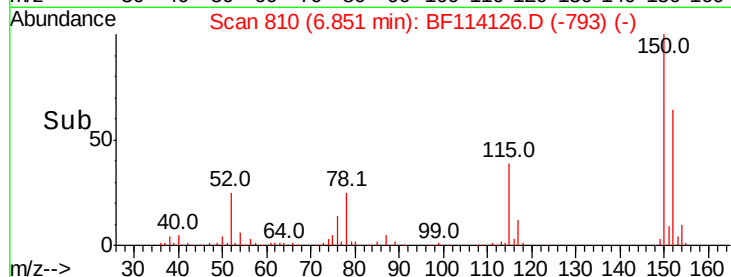
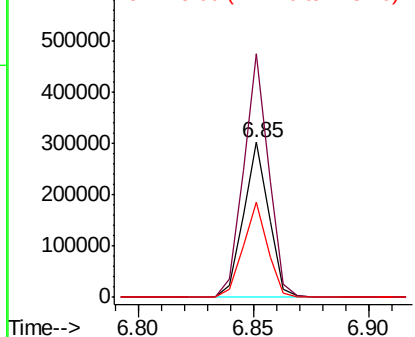
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114126.D
Acq: 10 May 2019 17:55

Instrument :
BNA_F
ClientSampleId :
P021-SS010-0002-01

Tot Ion:152 Resp: 232257
Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 61.1 49.1 73.7



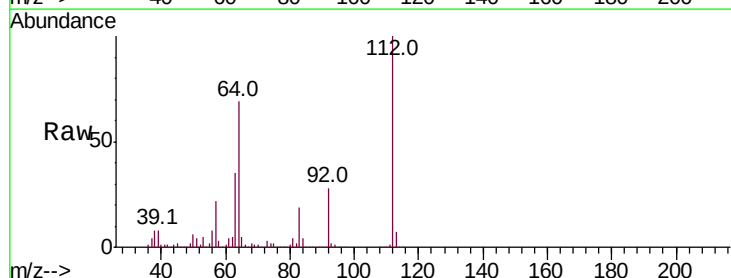
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



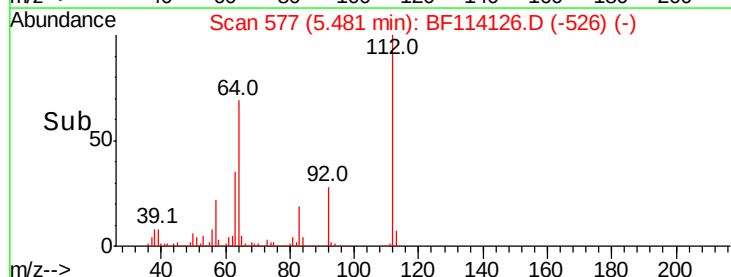
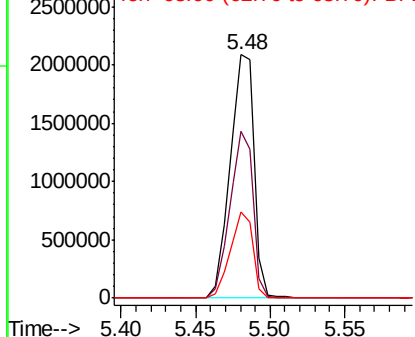
#5

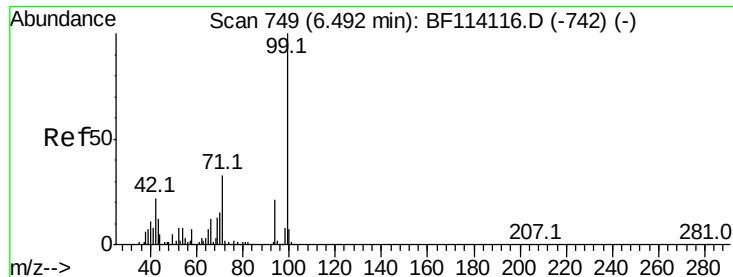
2-Fluorophenol
Concen: 164.347 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114126.D
Acq: 10 May 2019 17:55

Tgt Ion:112 Resp: 2371949
Ion Ratio Lower Upper
112 100
64 68.6 49.0 73.6
63 35.4 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: 181.555 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114126.D

Acq: 10 May 2019 17:55

Instrument :

BNA_F

ClientSampleId :

P021-SS010-0002-01

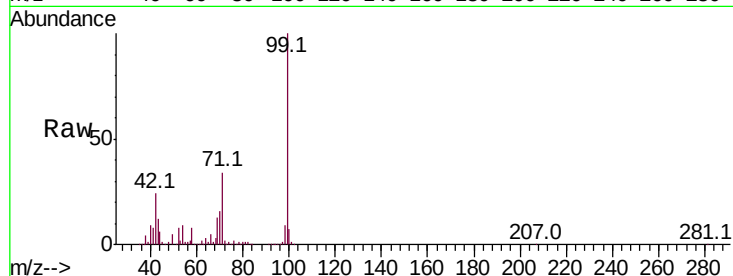
Tot Ion: 99 Resp: 3099113

Ion Ratio Lower Upper

99 100

42 23.6 17.9 26.9

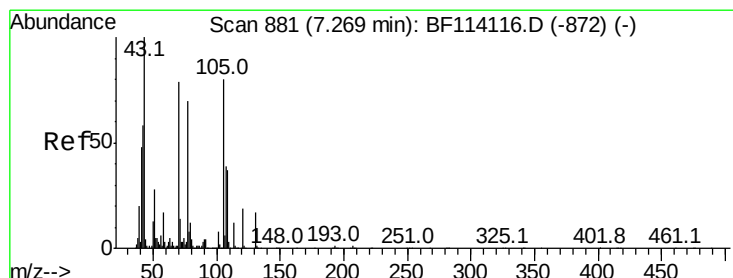
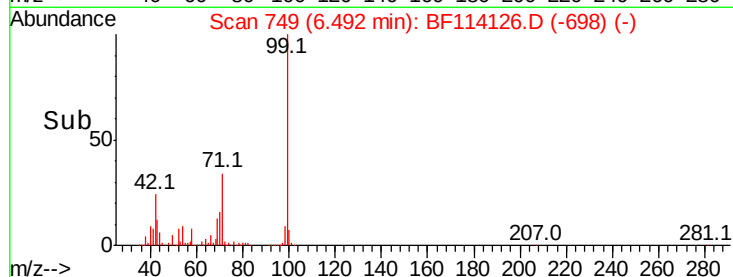
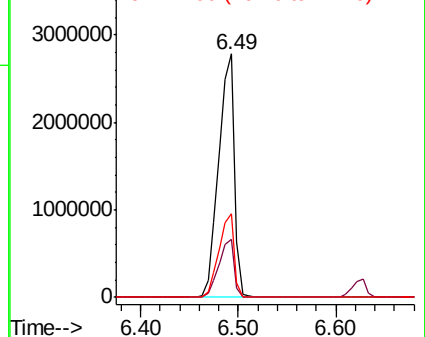
71 34.2 26.2 39.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.307 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114126.D

Acq: 10 May 2019 17:55

Tgt Ion: 70 Resp: 187254

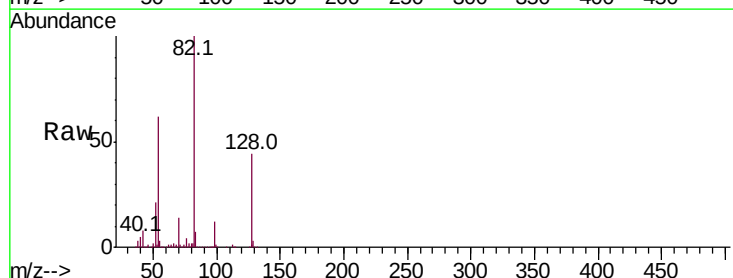
Ion Ratio Lower Upper

70 100

42 60.4 58.6 87.8

101 0.0 7.8 11.8#

130 2.3 17.1 25.7#

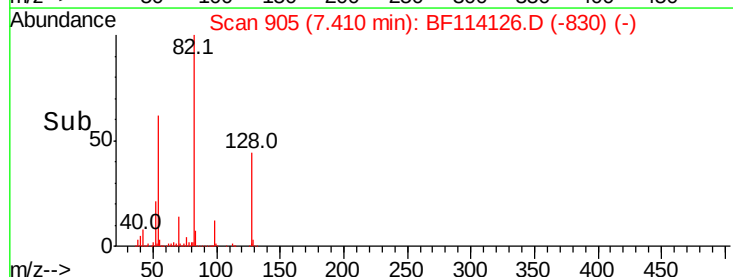
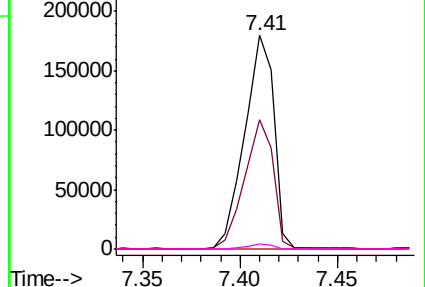


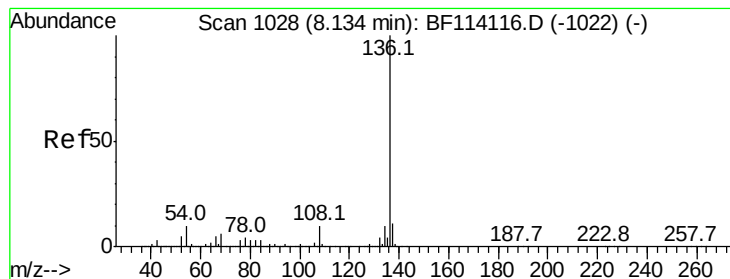
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114126.D

Acq: 10 May 2019 17:55

Instrument :

BNA_F

ClientSampleId :

P021-SS010-0002-01

Tot Ion:136 Resp: 859774

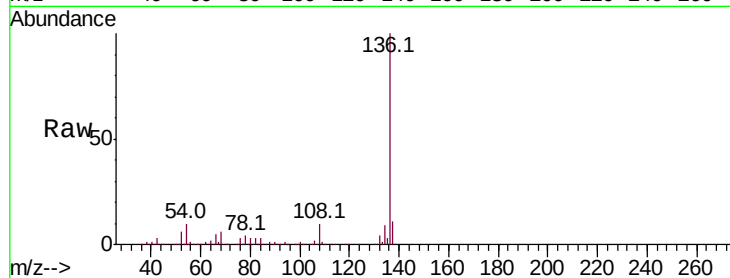
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.1 7.8 11.8

68 5.7 5.1 7.7

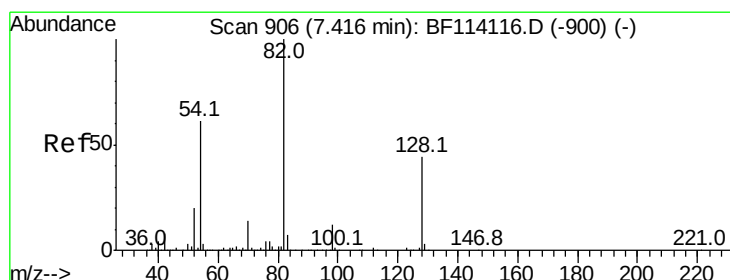
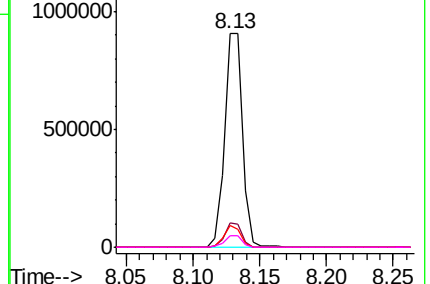
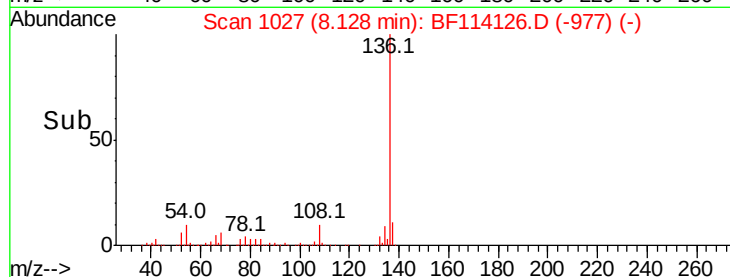


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.885 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114126.D

Acq: 10 May 2019 17:55

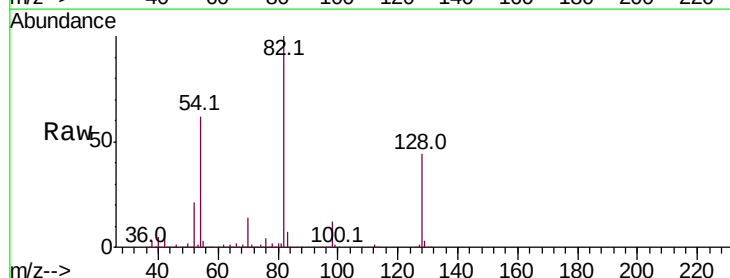
Tgt Ion: 82 Resp: 1392378

Ion Ratio Lower Upper

82 100

128 43.8 35.5 53.3

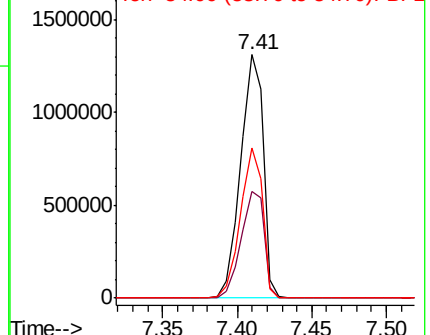
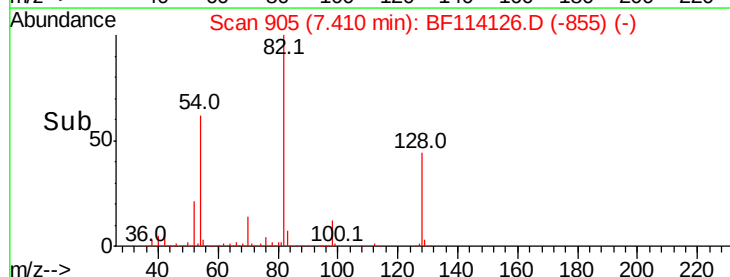
54 61.9 48.5 72.7

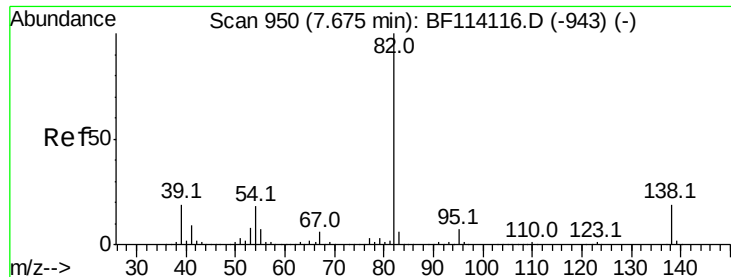


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.933 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114126.D

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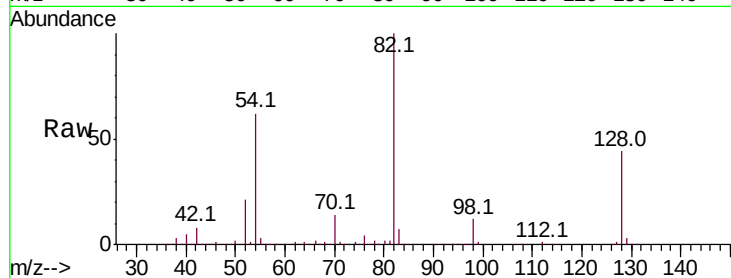
Tot Ion: 82 Resp: 1390331

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

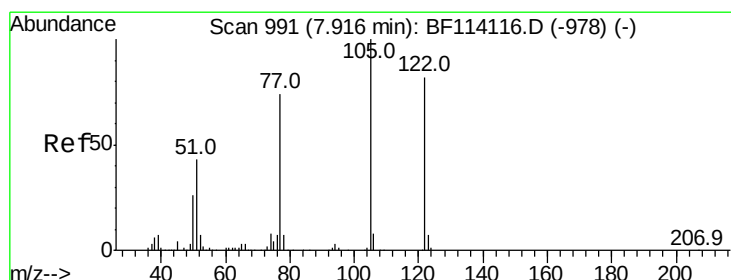
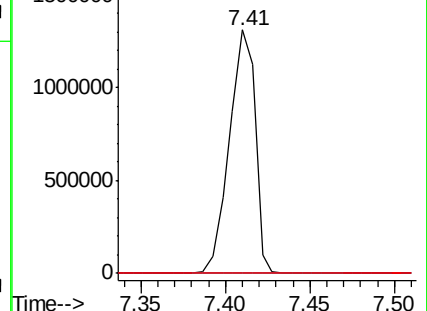
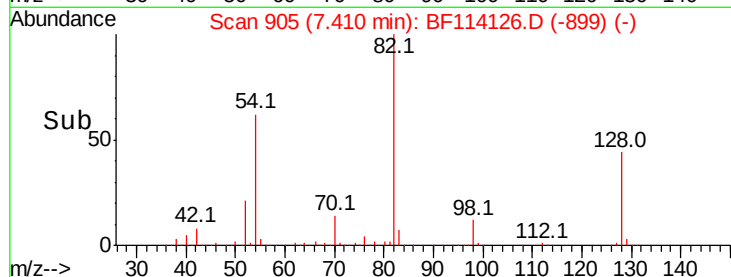
138 0.0 14.8 22.2#



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



#32

Benzoic acid

Concen: 7.032 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF114126.D

Acq: 10 May 2019 17:55

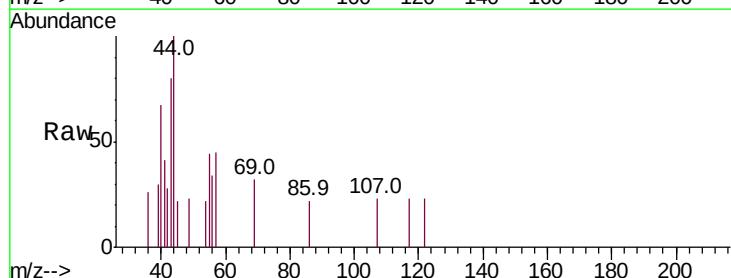
Tgt Ion: 122 Resp: 115

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

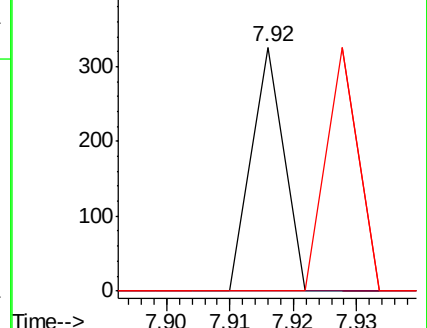
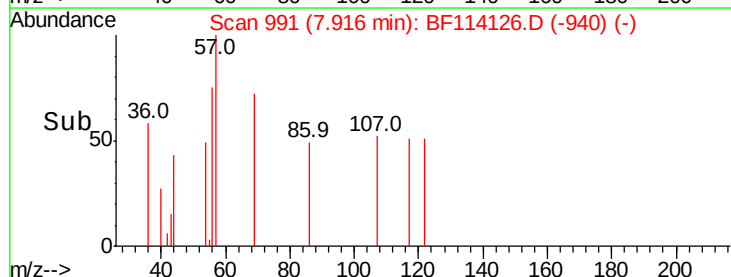
77 0.0 69.4 109.4#

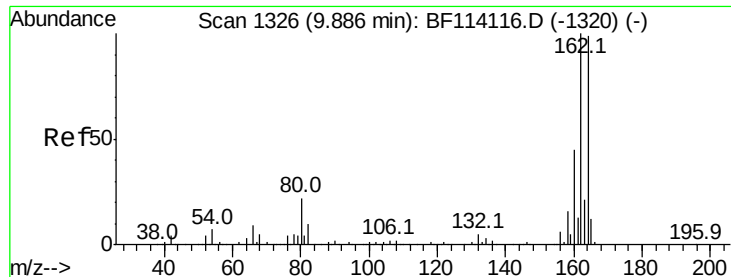


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

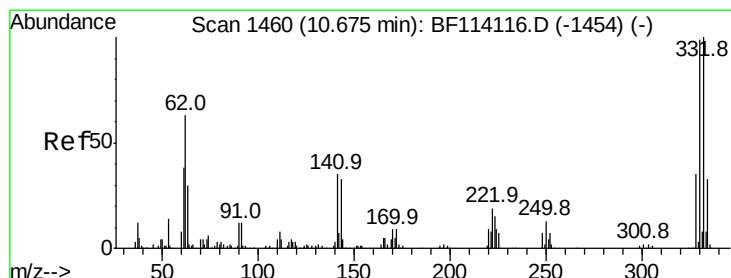
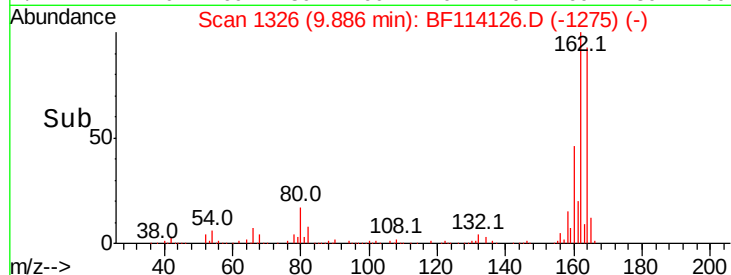
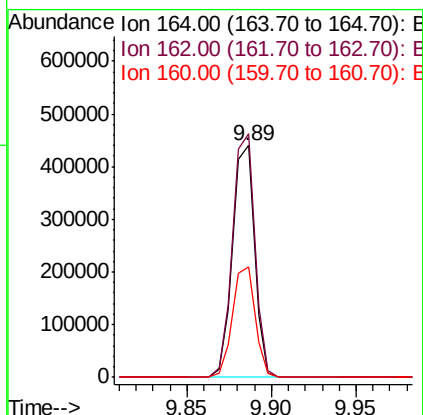
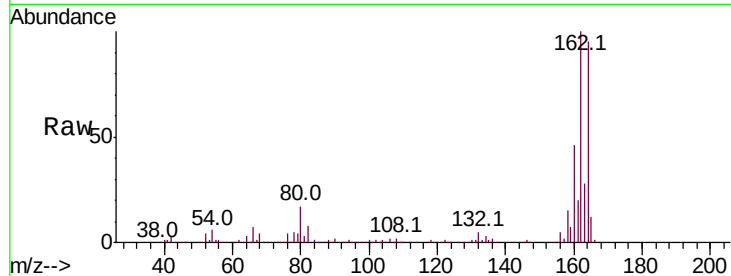




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114126.D
Acq: 10 May 2019 17:55

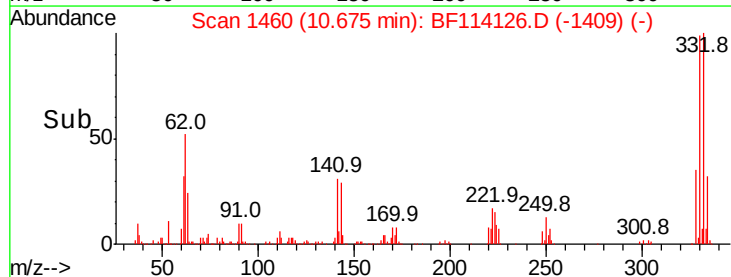
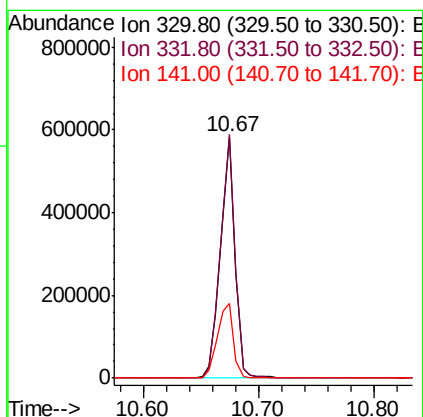
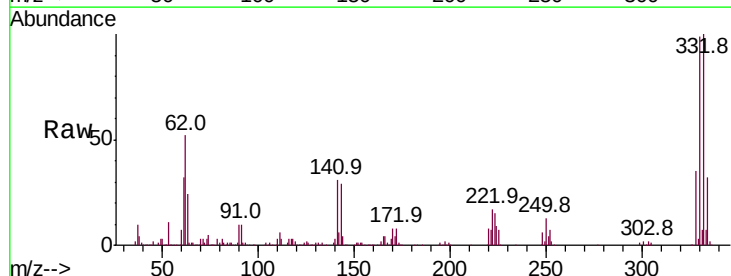
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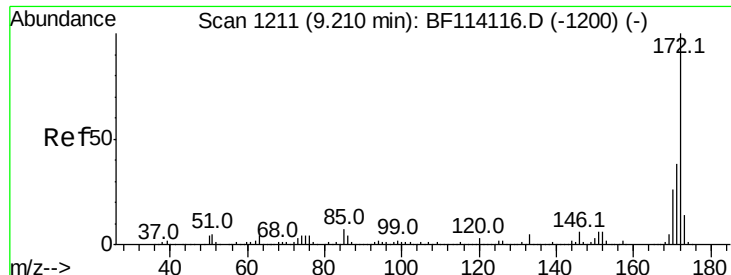
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.6	120.8
160	47.9	36.5	54.7



#42
2,4,6-Tribromophenol
Concen: 124.841 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114126.D
Acq: 10 May 2019 17:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.0	81.4	122.2
141	34.1	26.6	40.0

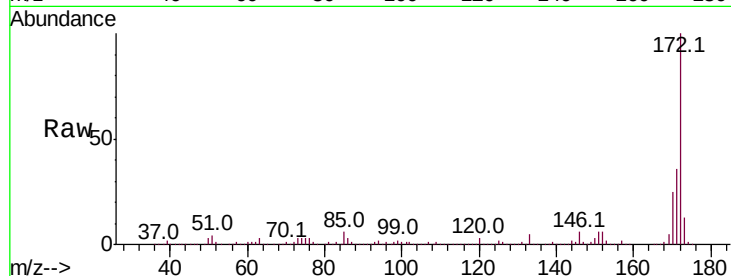




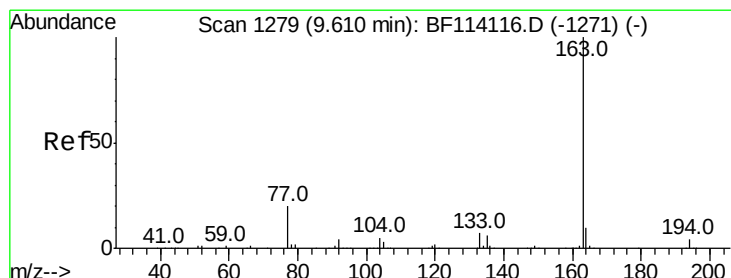
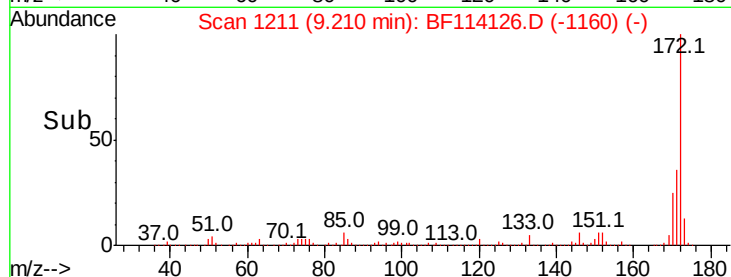
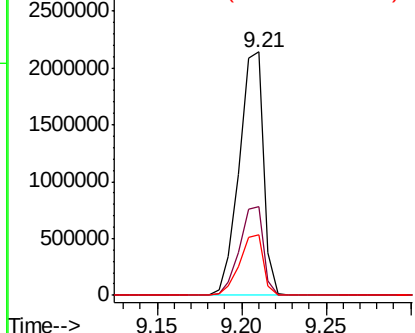
#45
2-Fluorobiphenyl
Concen: 81.426 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114126.D
Acq: 10 May 2019 17:55

Instrument :
BNA_F
ClientSampleId :
P021-SS010-0002-01

Tot Ion:172 Resp: 2147750
Ion Ratio Lower Upper
172 100
171 36.4 30.7 46.1
170 24.7 20.5 30.7

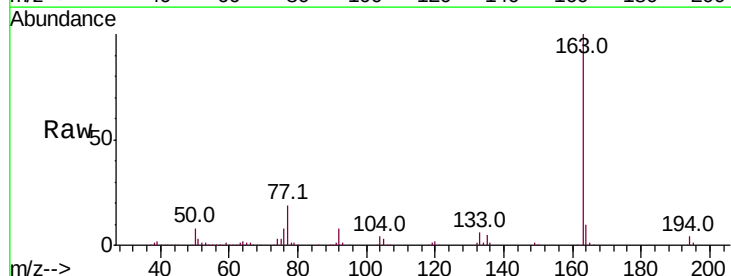


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

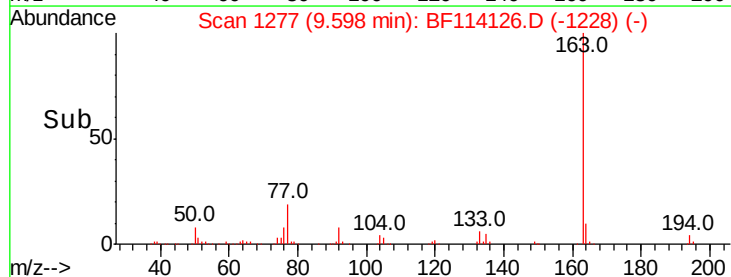
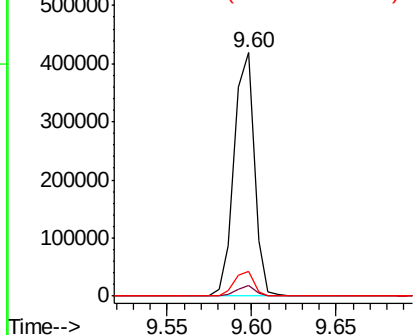


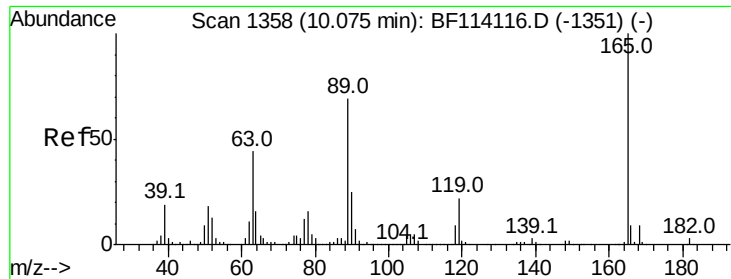
#50
Dimethylphthalate
Concen: 11.894 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114126.D
Acq: 10 May 2019 17:55

Tgt Ion:163 Resp: 348361
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.2 12.2



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

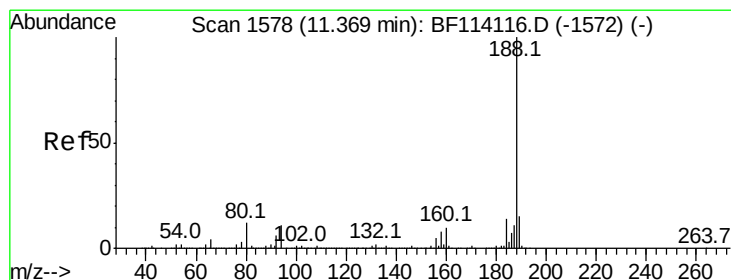
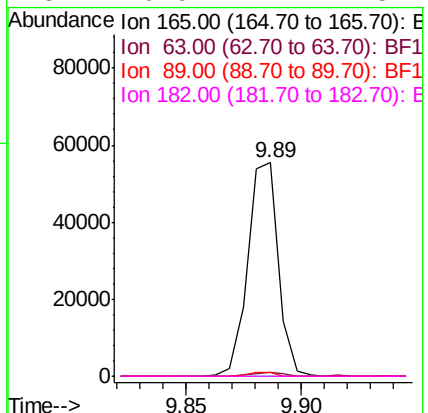
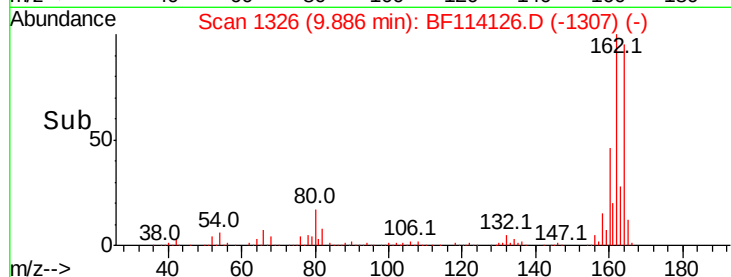
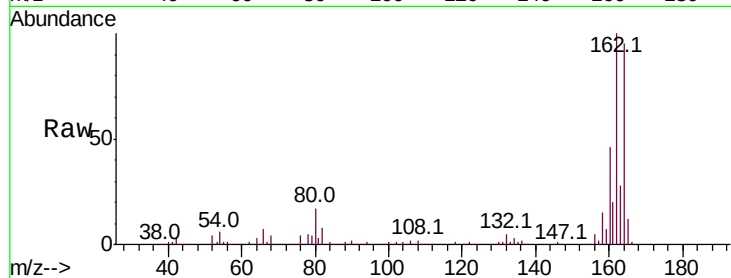




#57
 2,4-Dinitrotoluene
 Concen: 5.829 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF114126.D
 Acq: 10 May 2019 17:55

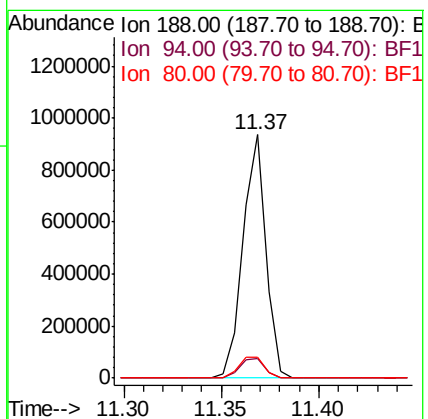
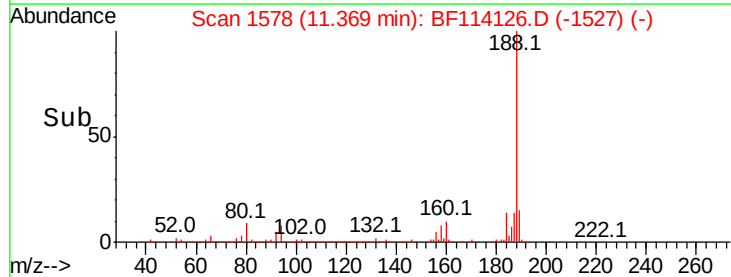
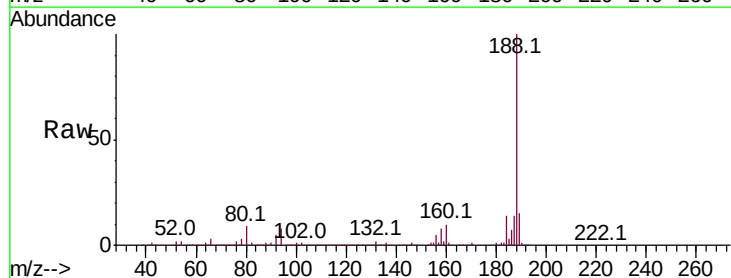
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS010-0002-01

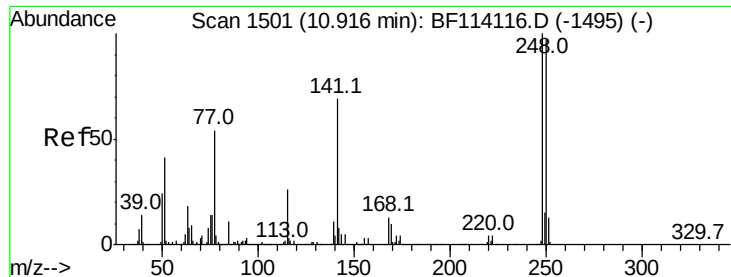
Tot Ion:165	Resp:	51396
Ion Ratio	Lower	Upper
165	100	
63	2.0	35.5 53.3#
89	1.8	55.2 82.8#
182	0.0	2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114126.D
 Acq: 10 May 2019 17:55

Tgt Ion:188	Resp:	761682
Ion Ratio	Lower	Upper
188	100	
94	8.2	8.4 12.6#
80	8.6	9.2 13.8#

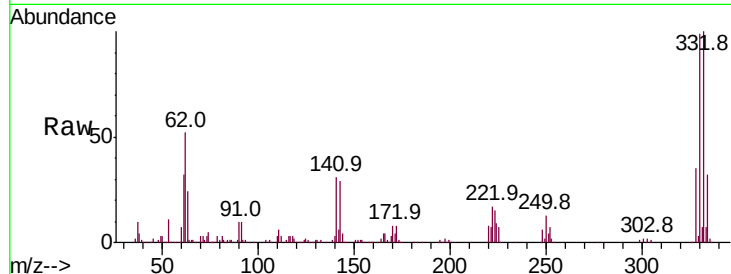




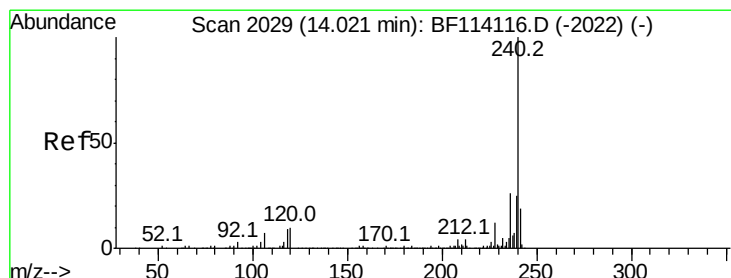
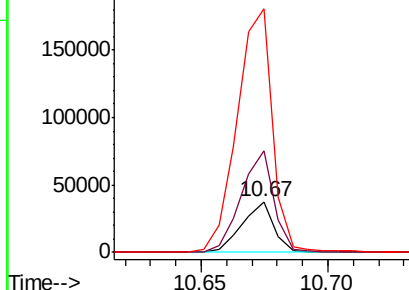
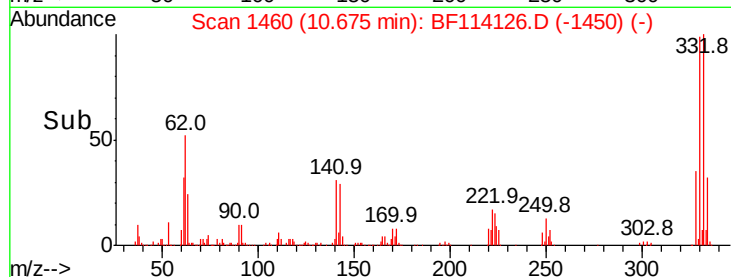
#67
 4-Bromophenyl-phenylether
 Concen: 3.958 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF114126.D
 Acq: 10 May 2019 17:55

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS010-0002-01

Tot Ion:248 Resp: 33190
 Ion Ratio Lower Upper
 248 100
 250 199.0 77.4 116.2#
 141 480.1 55.6 83.4#

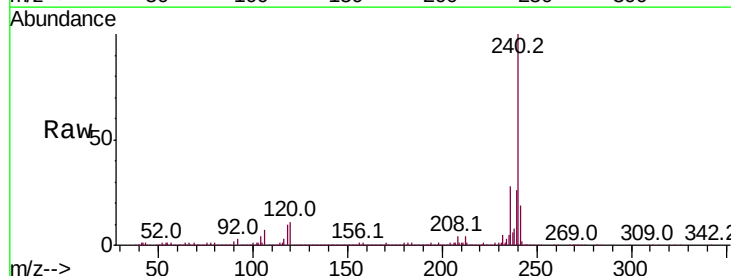


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

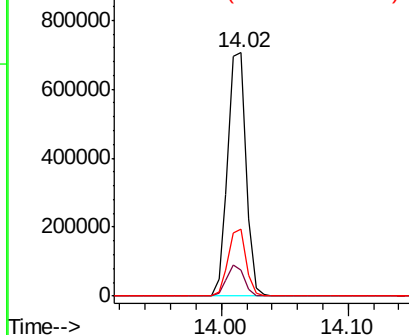
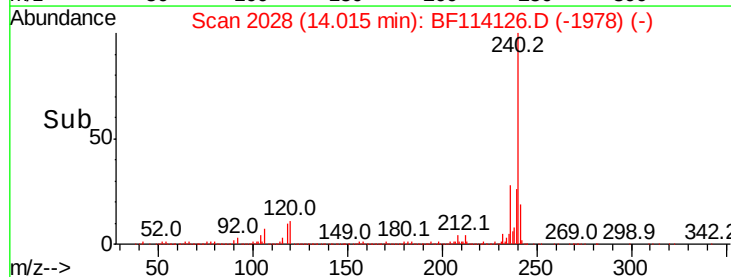


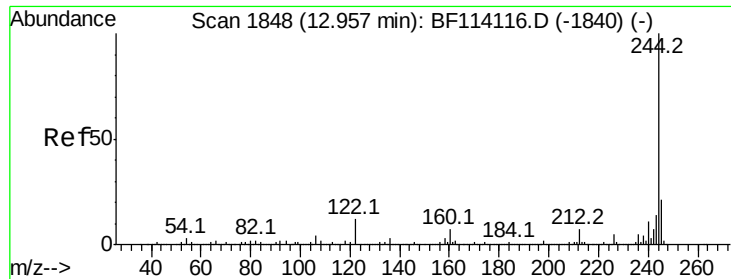
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF114126.D
 Acq: 10 May 2019 17:55

Tgt Ion:240 Resp: 710115
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 27.6 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

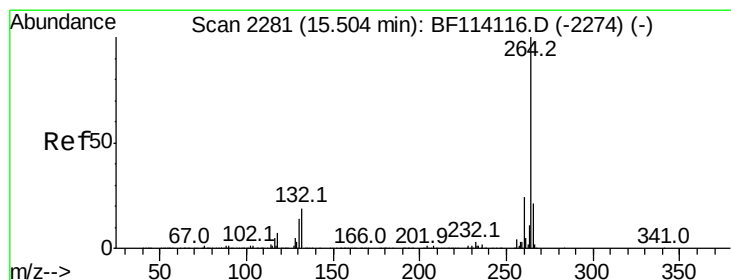
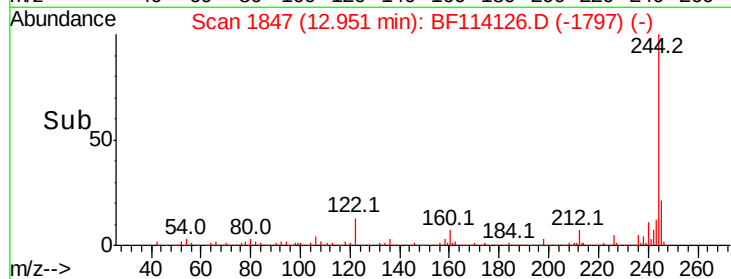
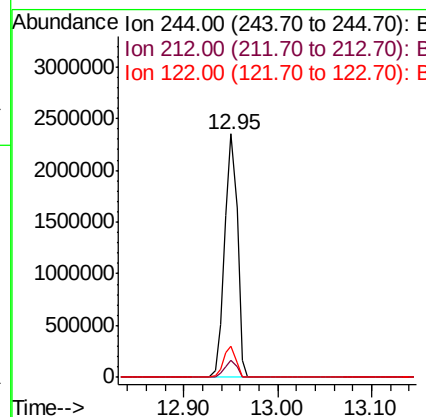
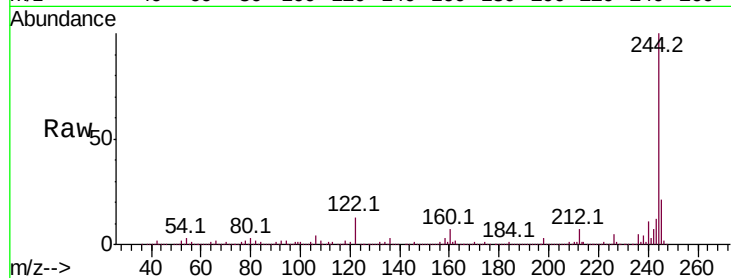




#79
 Terphenyl-d14
 Concen: 64.844 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114126.D
 Acq: 10 May 2019 17:55

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS010-0002-01

Tot Ion:244 Resp: 2233713
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 13.0 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF114126.D
 Acq: 10 May 2019 17:55

Tgt Ion:264 Resp: 772637
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 22.0 16.9 25.3

