

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114342.D
 Acq On : 17 May 2019 11:55
 Operator : JU/SJ
 Sample : K2865-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:55:41 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

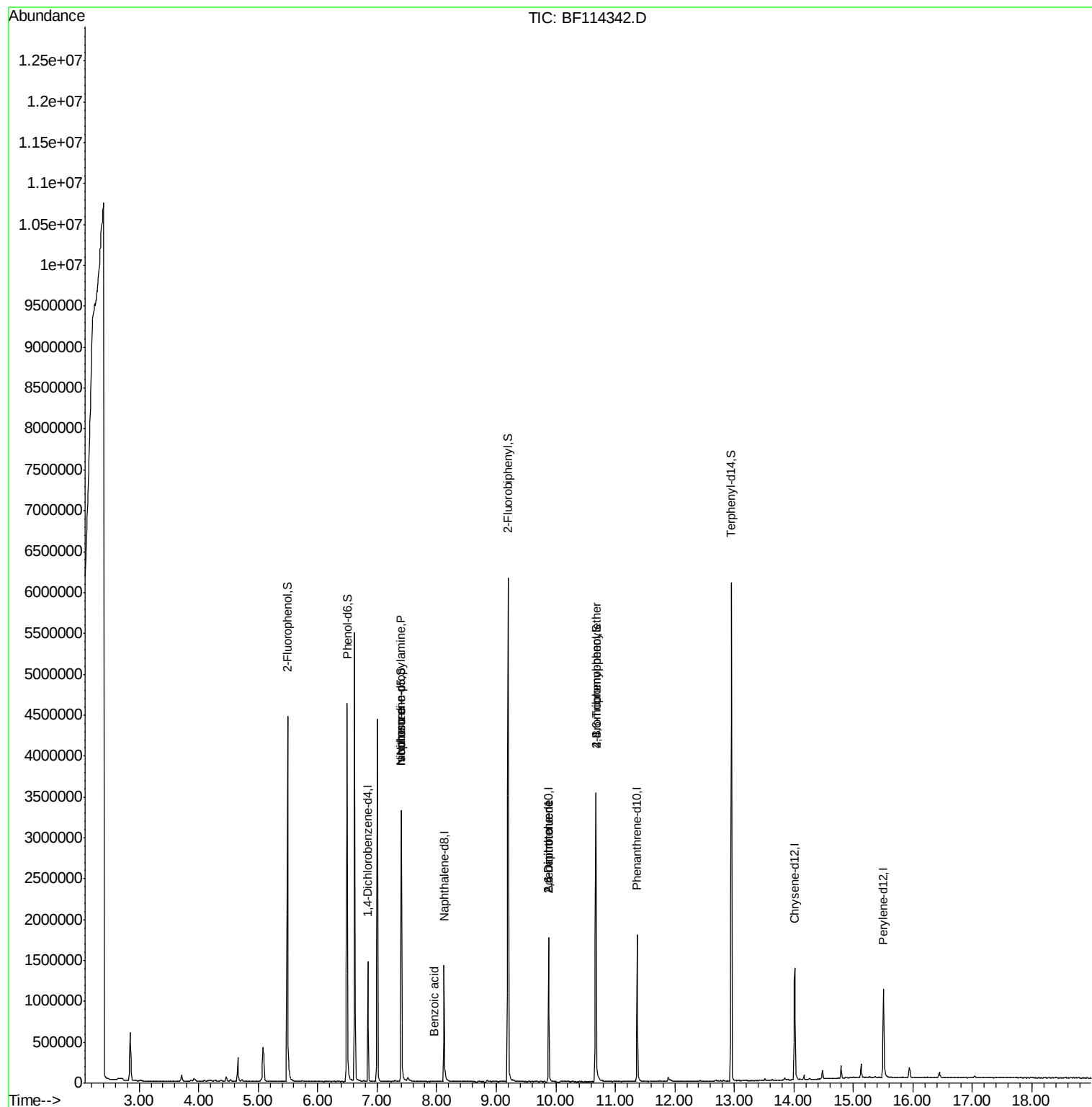
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	200559	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	769596	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	366582	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	755329	20.00	ng	0.00
76) Chrysene-d12	14.02	240	541353	20.00	ng	0.00
87) Perylene-d12	15.50	264	529893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1375107	110.34	ng	0.01
7) Phenol-d6	6.49	99	1611652	109.34	ng	0.00
23) Nitrobenzene-d5	7.40	82	1217451	88.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	493769	130.29	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2040053	84.18	ng	-0.01
79) Terphenyl-d14	12.95	244	2258837	86.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	161327	17.267	ng	# 78
25) Isophorone	7.40	82	1217443	47.869	ng	# 64
32) Benzoic acid	7.97	122	4985	7.581	ng	# 93
51) 2,6-Dinitrotoluene	9.88	165	46897	7.857	ng	# 22
57) 2,4-Dinitrotoluene	9.88	165	46897	5.789	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	32167	3.868	ng	# 1

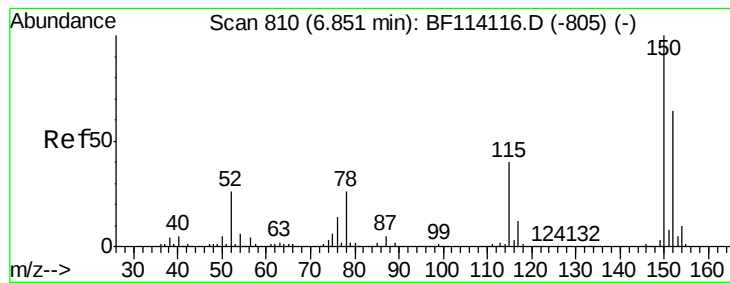
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



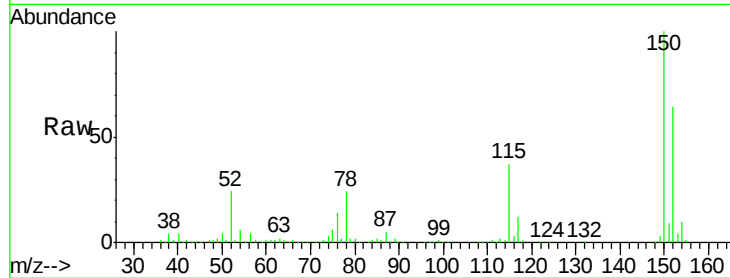


#1

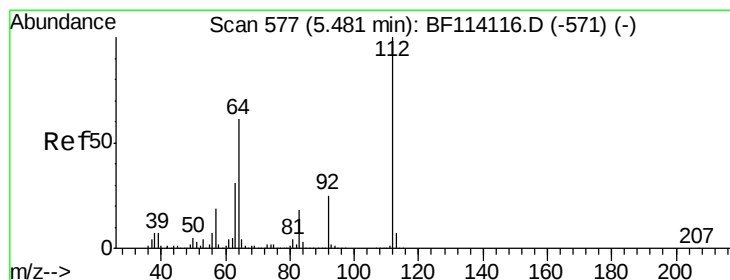
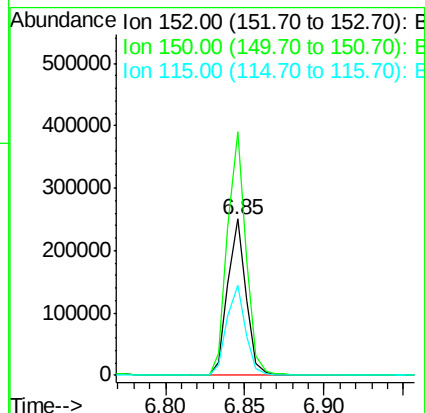
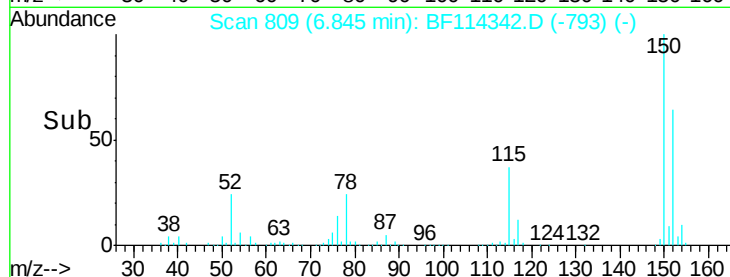
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114342.D
Acq: 17 May 2019 11:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 200559
Ion Ratio Lower Upper
152 100
150 155.5 124.3 186.5
115 57.2 49.1 73.7



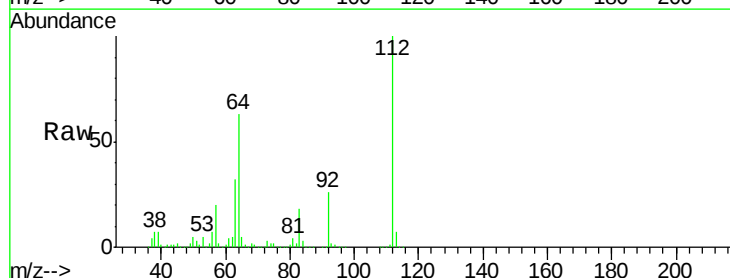
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



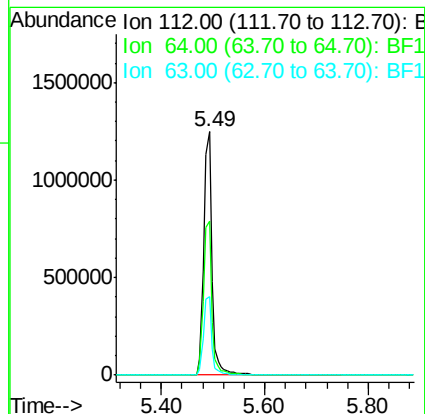
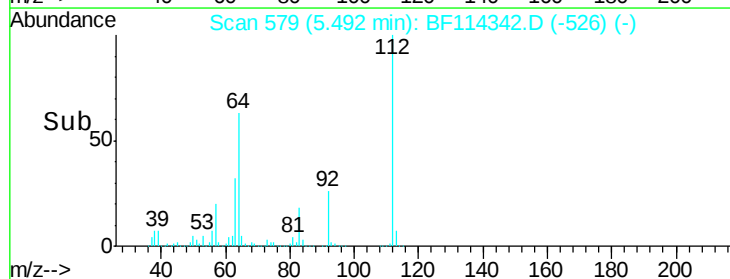
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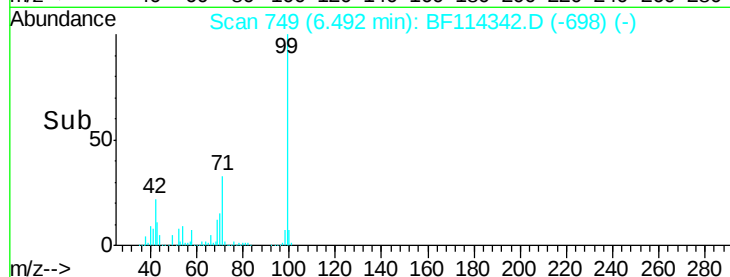
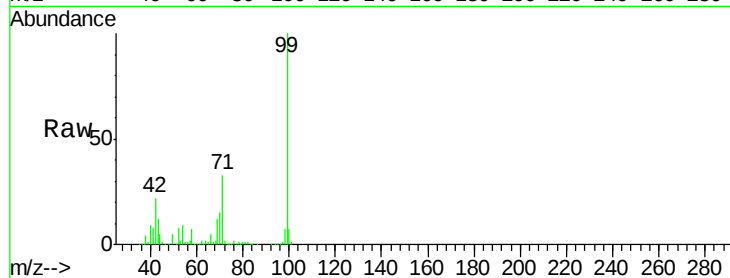
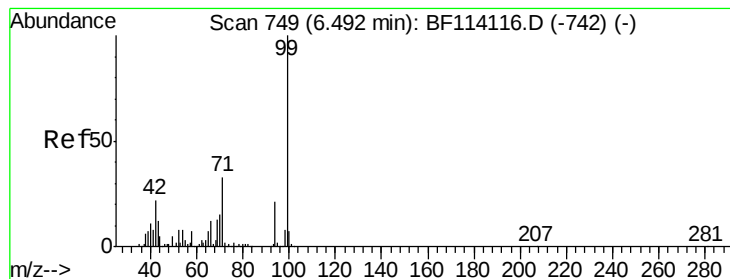
2-Fluorophenol
Concen: 110.337 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114342.D
Acq: 17 May 2019 11:55

Tgt Ion:112 Resp: 1375107
Ion Ratio Lower Upper
112 100
64 63.3 49.0 73.6
63 32.2 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: 109.338 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114342.D

Acq: 17 May 2019 11:55

Instrument :

BNA_F

ClientSampleId :

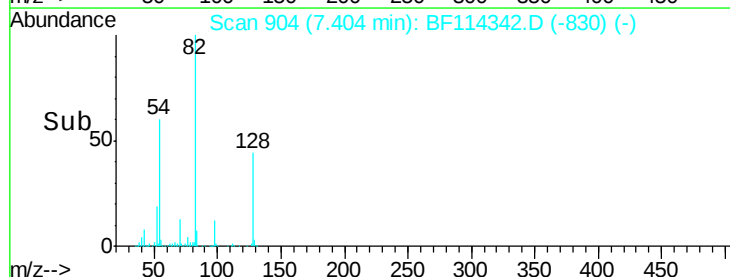
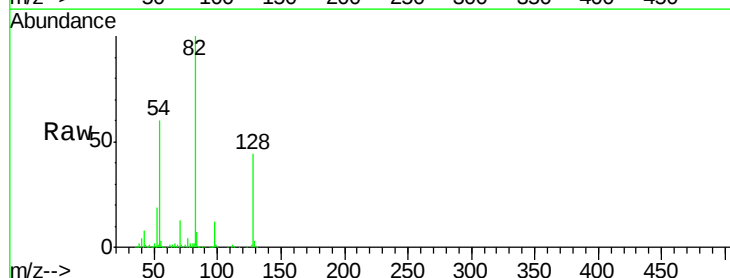
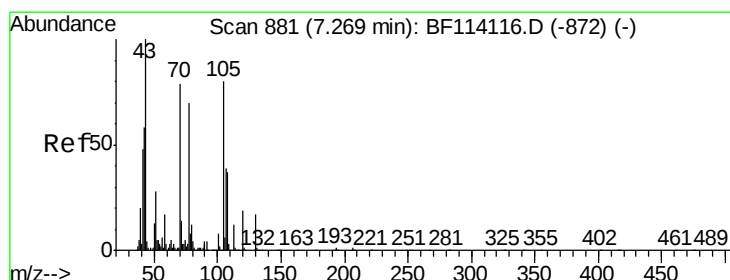
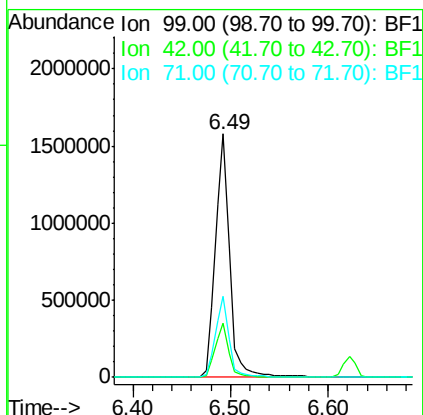
Tot Ion: 99 Resp: 1611652

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

71 33.1 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.267 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF114342.D

Acq: 17 May 2019 11:55

Tgt Ion: 70 Resp: 161327

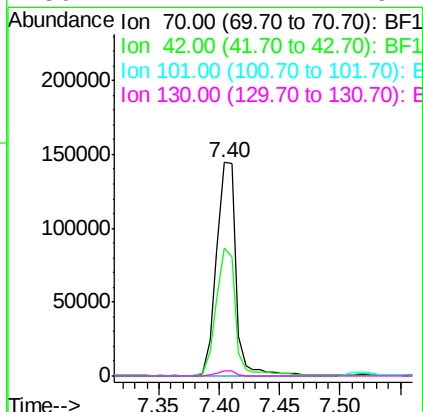
Ion Ratio Lower Upper

70 100

42 60.1 58.6 87.8

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF114342.D

Acq: 17 May 2019 11:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 769596

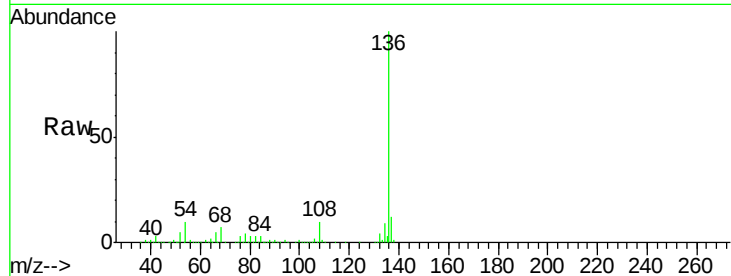
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 10.1 7.8 11.8

68 6.7 5.1 7.7

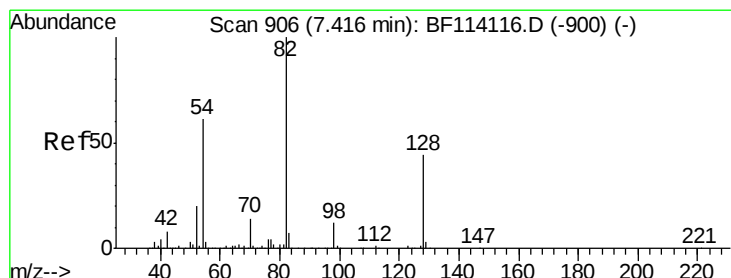
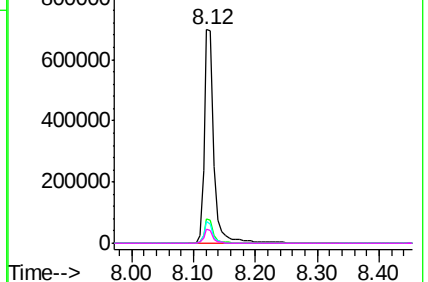
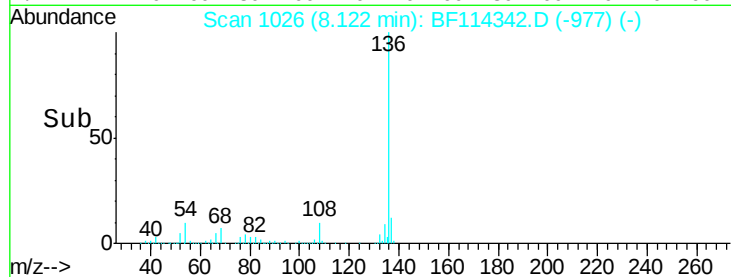


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.778 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF114342.D

Acq: 17 May 2019 11:55

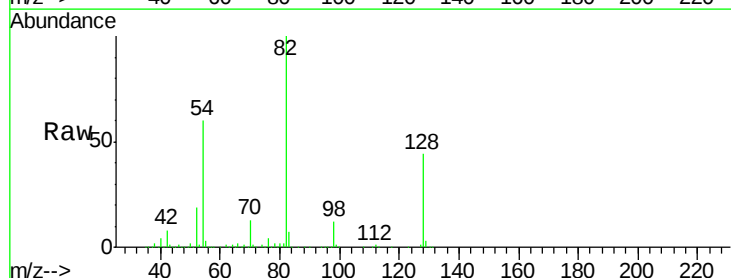
Tgt Ion: 82 Resp: 1217451

Ion Ratio Lower Upper

82 100

128 43.9 35.5 53.3

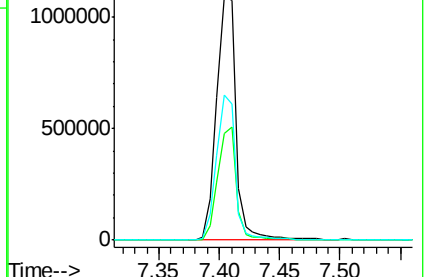
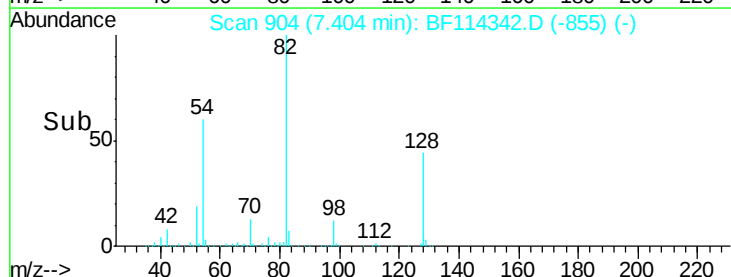
54 59.8 48.5 72.7

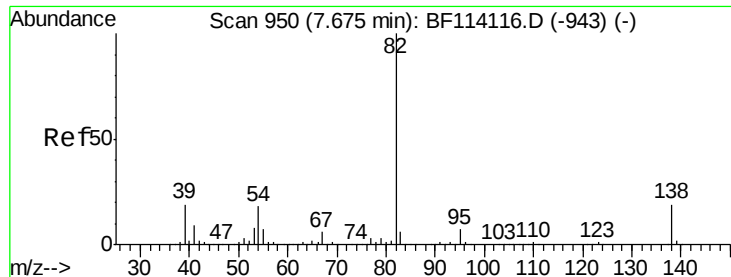


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.869 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF114342.D

Acq: 17 May 2019 11:55

Instrument :

BNA_F

ClientSampled :

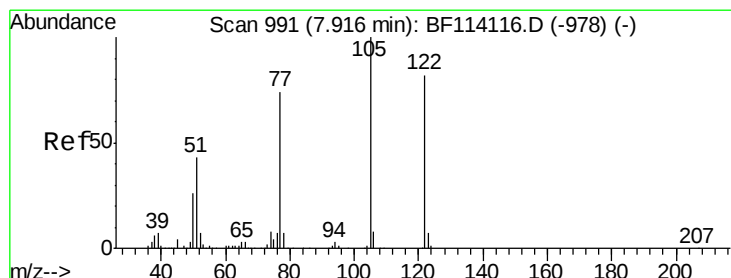
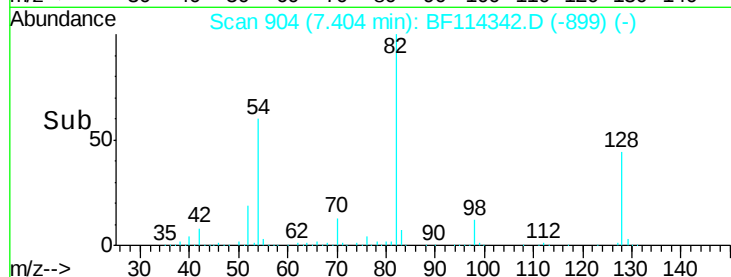
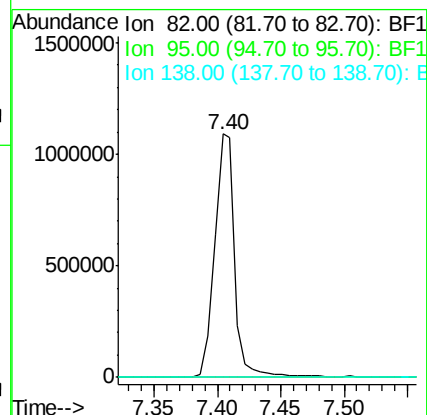
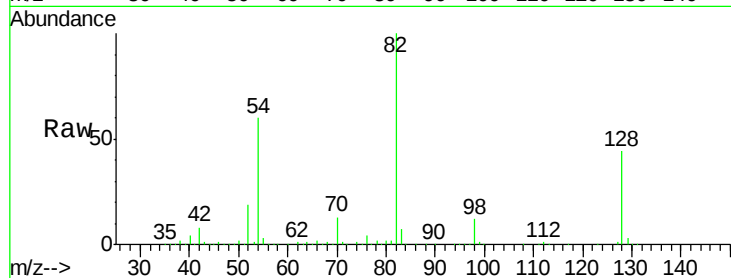
Tot Ion: 82 Resp: 1217443

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.581 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.05 min

Lab File: BF114342.D

Acq: 17 May 2019 11:55

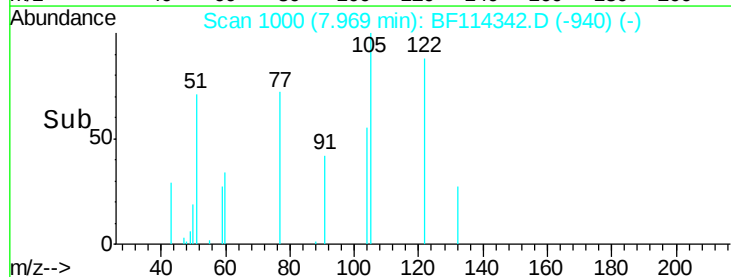
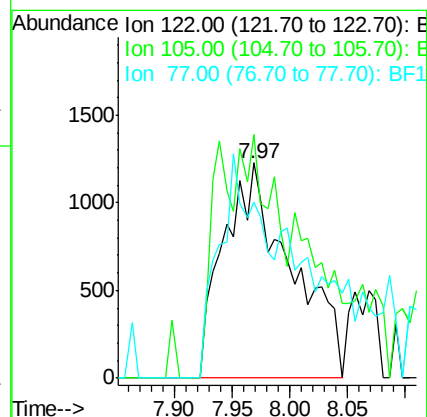
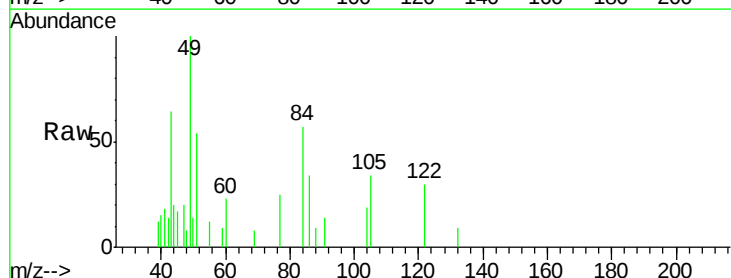
Tgt Ion: 122 Resp: 4985

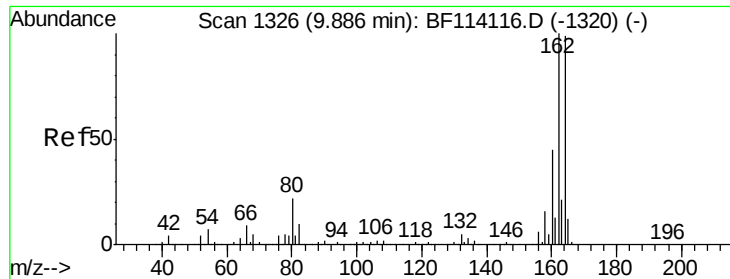
Ion Ratio Lower Upper

122 100

105 113.1 99.9 139.9

77 81.8 69.4 109.4

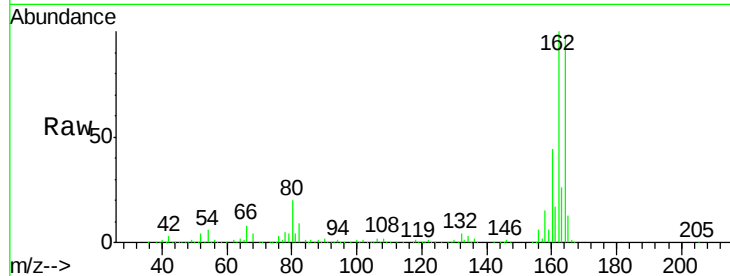




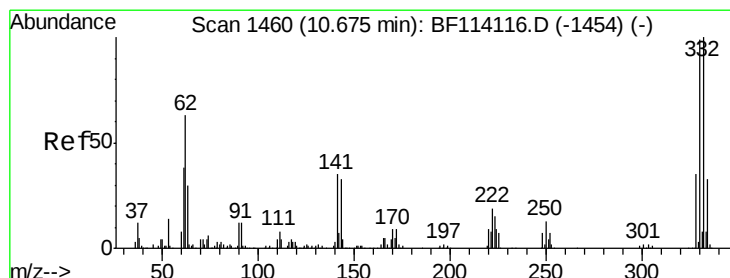
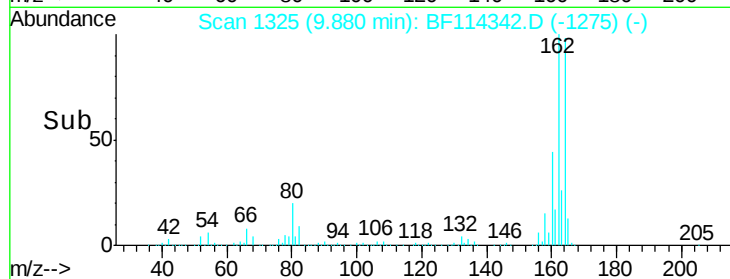
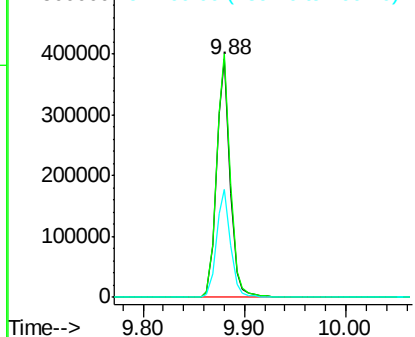
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114342.D
Acq: 17 May 2019 11:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 366582
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 45.4 36.5 54.7

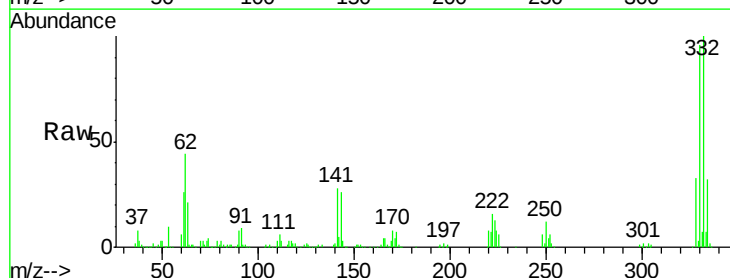


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

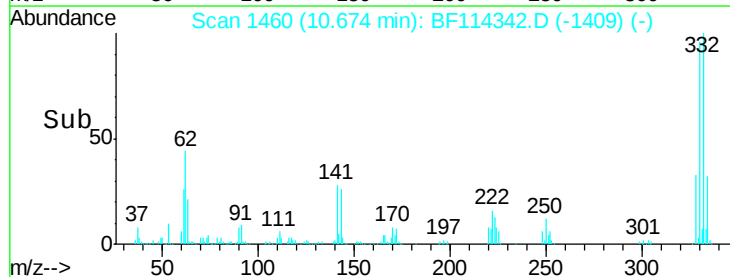
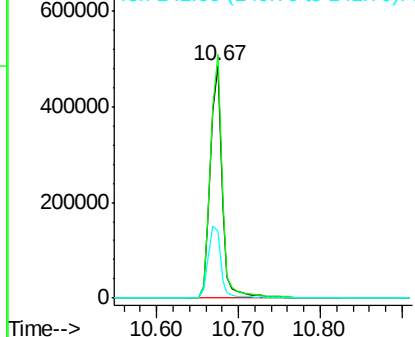


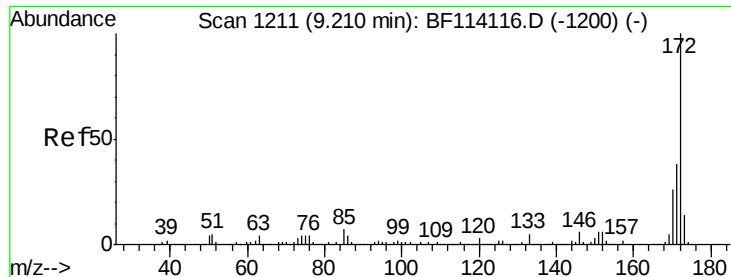
#42
2,4,6-Tribromophenol
Concen: 130.287 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114342.D
Acq: 17 May 2019 11:55

Tgt Ion:330 Resp: 493769
Ion Ratio Lower Upper
330 100
332 103.6 81.4 122.2
141 33.8 26.6 40.0



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



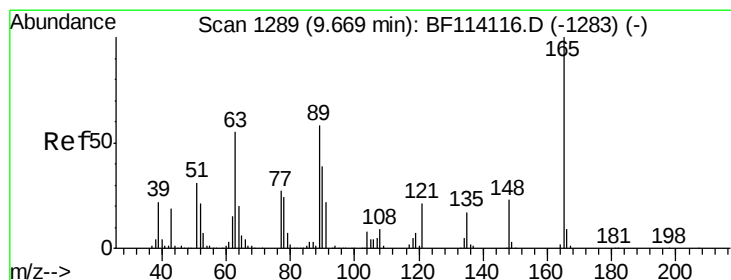
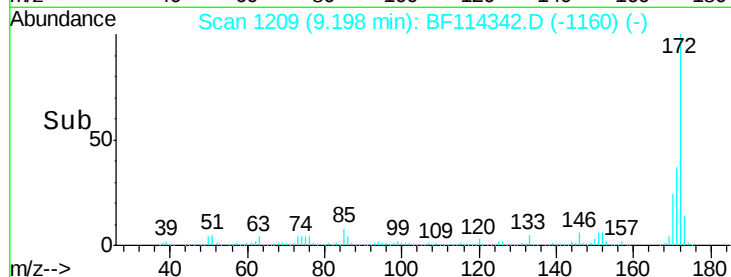
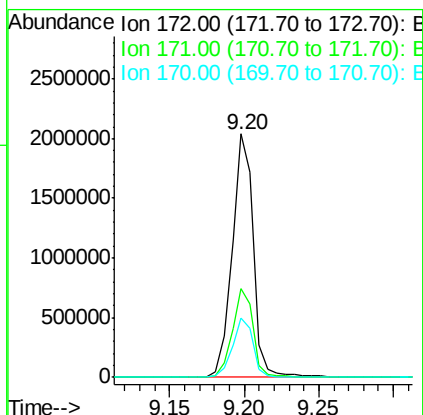
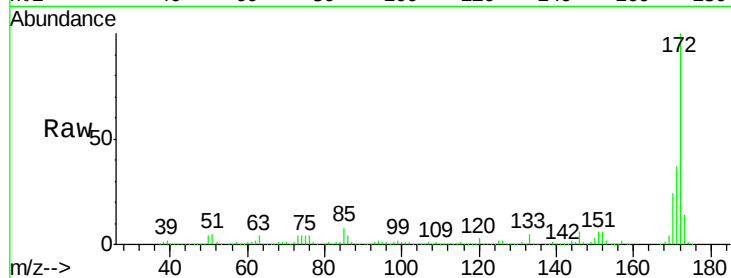


#45
 2-Fluorobiphenyl
 Concen: 84.181 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF114342.D
 Acq: 17 May 2019 11:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 2040053

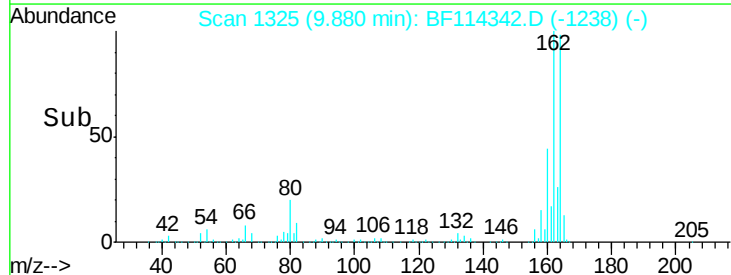
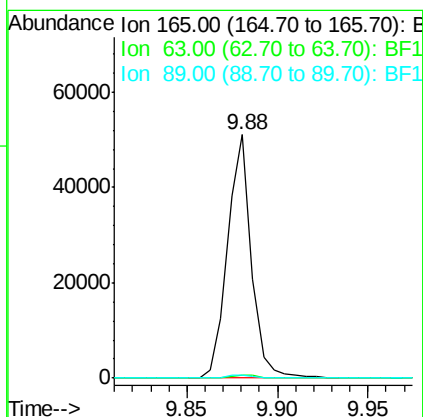
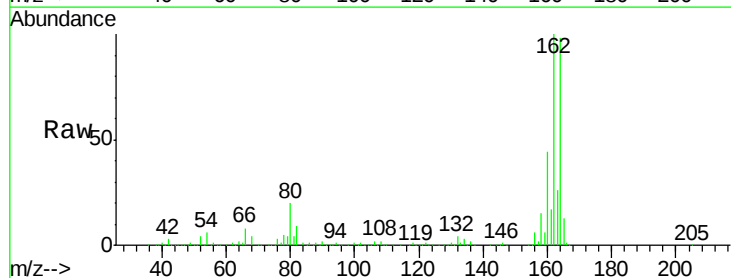
Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.7	46.1
170	24.1	20.5	30.7

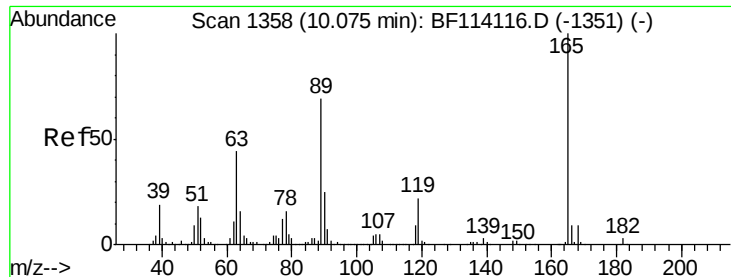


#51
 2,6-Dinitrotoluene
 Concen: 7.857 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF114342.D
 Acq: 17 May 2019 11:55

Tgt Ion:165 Resp: 46897

Ion	Ratio	Lower	Upper
165	100		
63	1.3	50.2	75.4#
89	1.3	46.6	69.8#

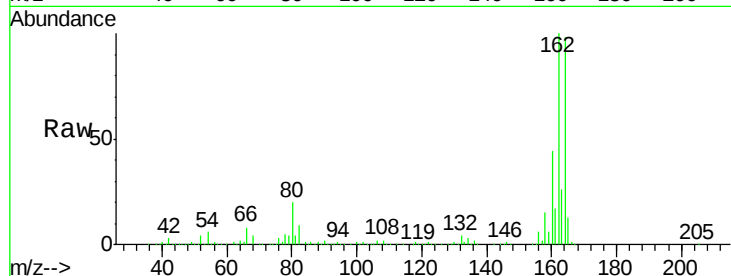




#57
 2,4-Dinitrotoluene
 Concen: 5.789 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF114342.D
 Acq: 17 May 2019 11:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.5	53.3#
89	1.3	55.2	82.8#
182	0.0	2.2	3.2#

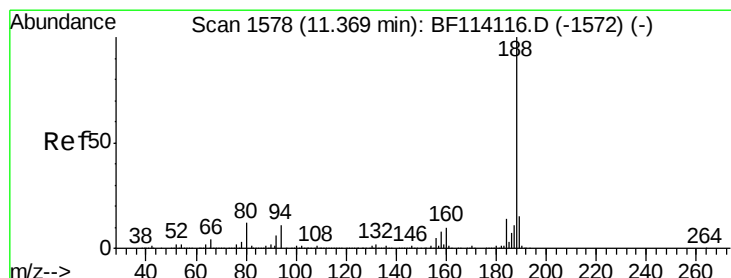
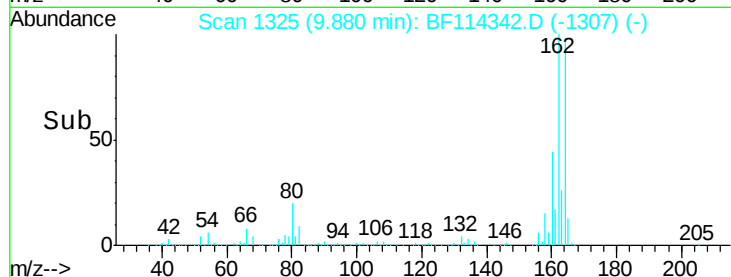
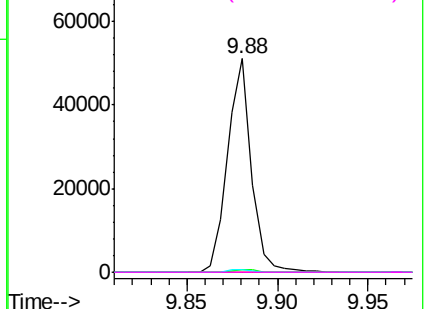


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

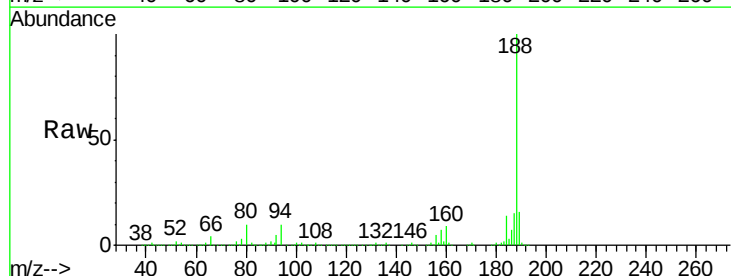
Ion 89.00 (88.70 to 89.70): BF1

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: BF114342.D
 Acq: 17 May 2019 11:55

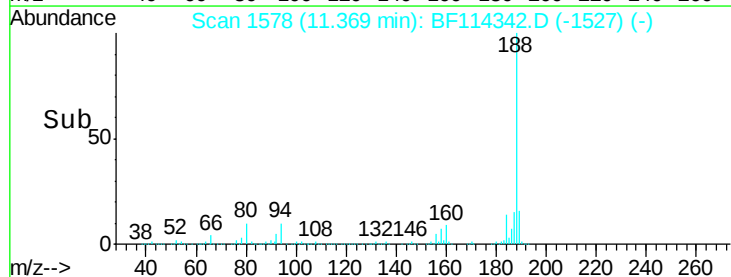
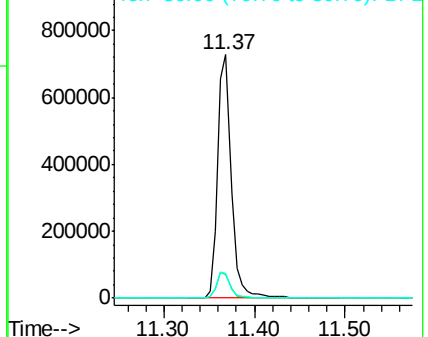
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.4	12.6
80	10.2	9.2	13.8

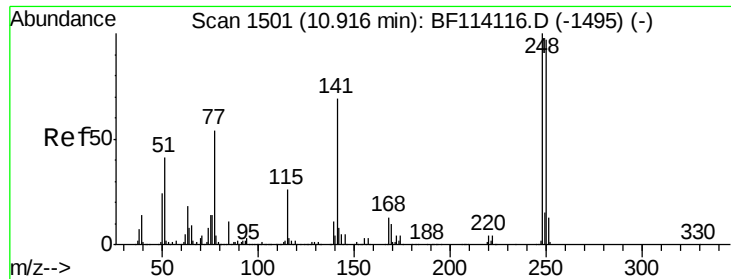


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

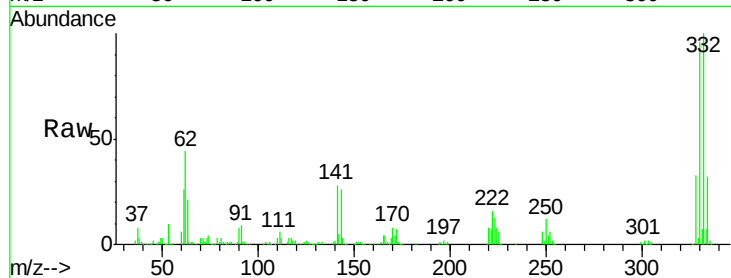




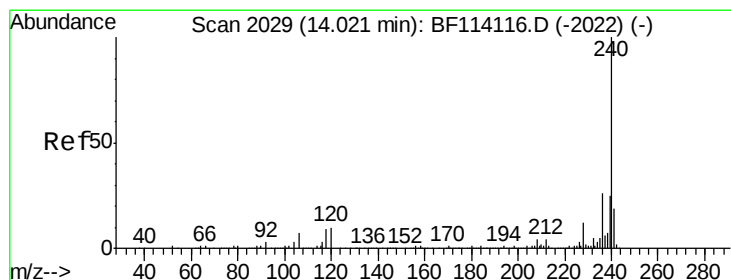
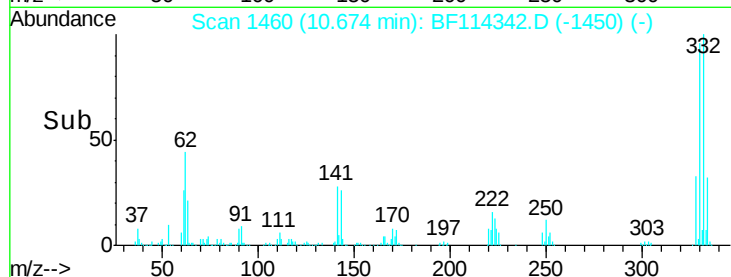
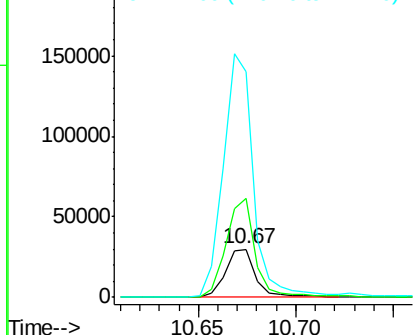
#67
4-Bromophenyl-phenylether
Concen: 3.868 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114342.D
Acq: 17 May 2019 11:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 32167
Ion Ratio Lower Upper
248 100
250 204.6 77.4 116.2#
141 467.7 55.6 83.4#

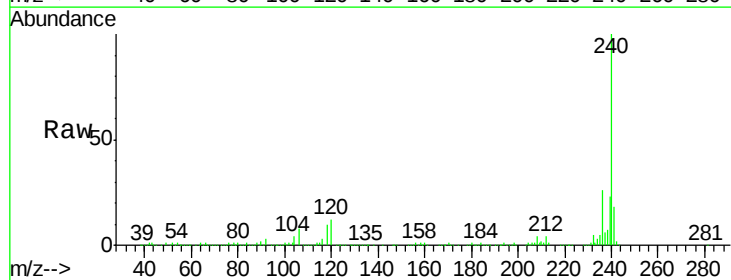


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

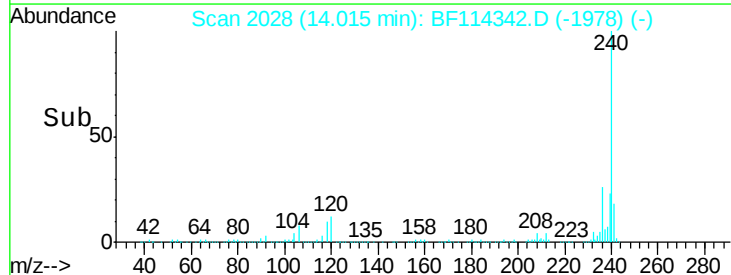
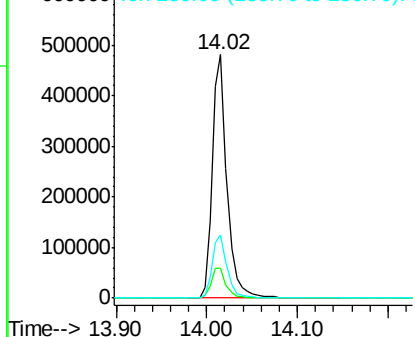


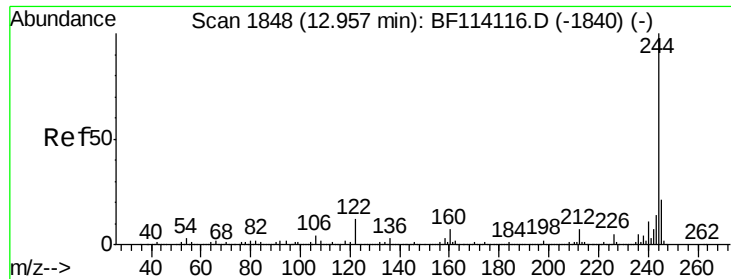
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114342.D
Acq: 17 May 2019 11:55

Tgt Ion:240 Resp: 541353
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 25.9 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: 86.015 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114342.D

Acq: 17 May 2019 11:55

Instrument :

BNA_F

ClientSampled :

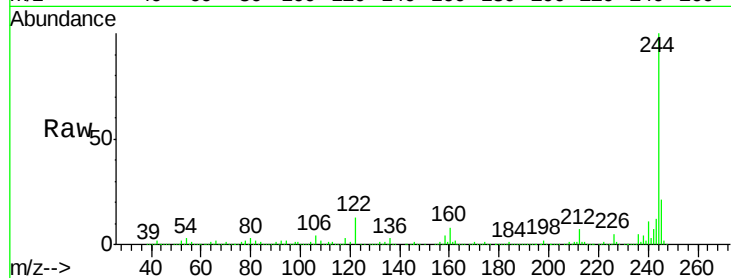
Tot Ion:244 Resp: 2258837

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

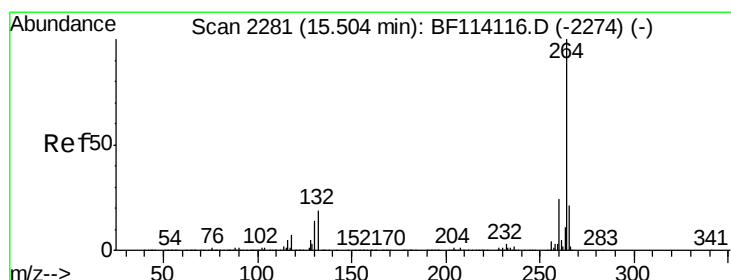
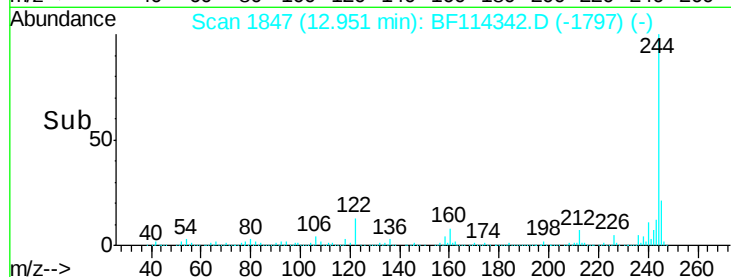
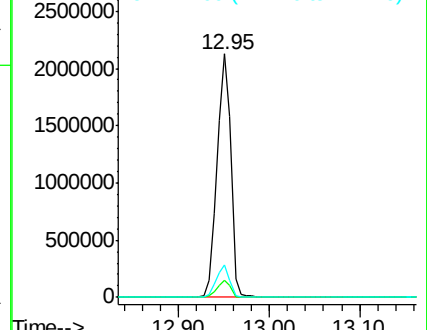
122 13.4 9.4 14.2



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: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF114342.D

Acq: 17 May 2019 11:55

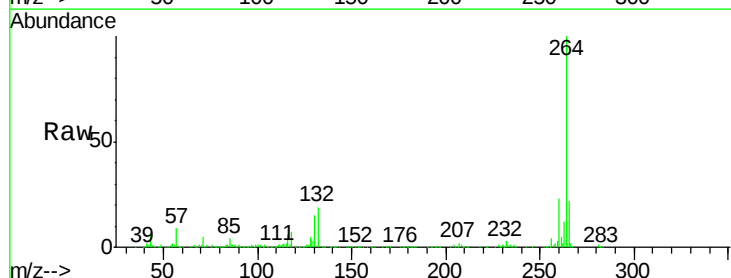
Tgt Ion:264 Resp: 529893

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

265 21.6 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

