

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114600.D
 Acq On : 25 May 2019 6:11
 Operator : JU/SJ
 Sample : K2994-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Quant Time: May 26 23:05:43 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 24 07:23:33 2019
 Response via : Initial Calibration

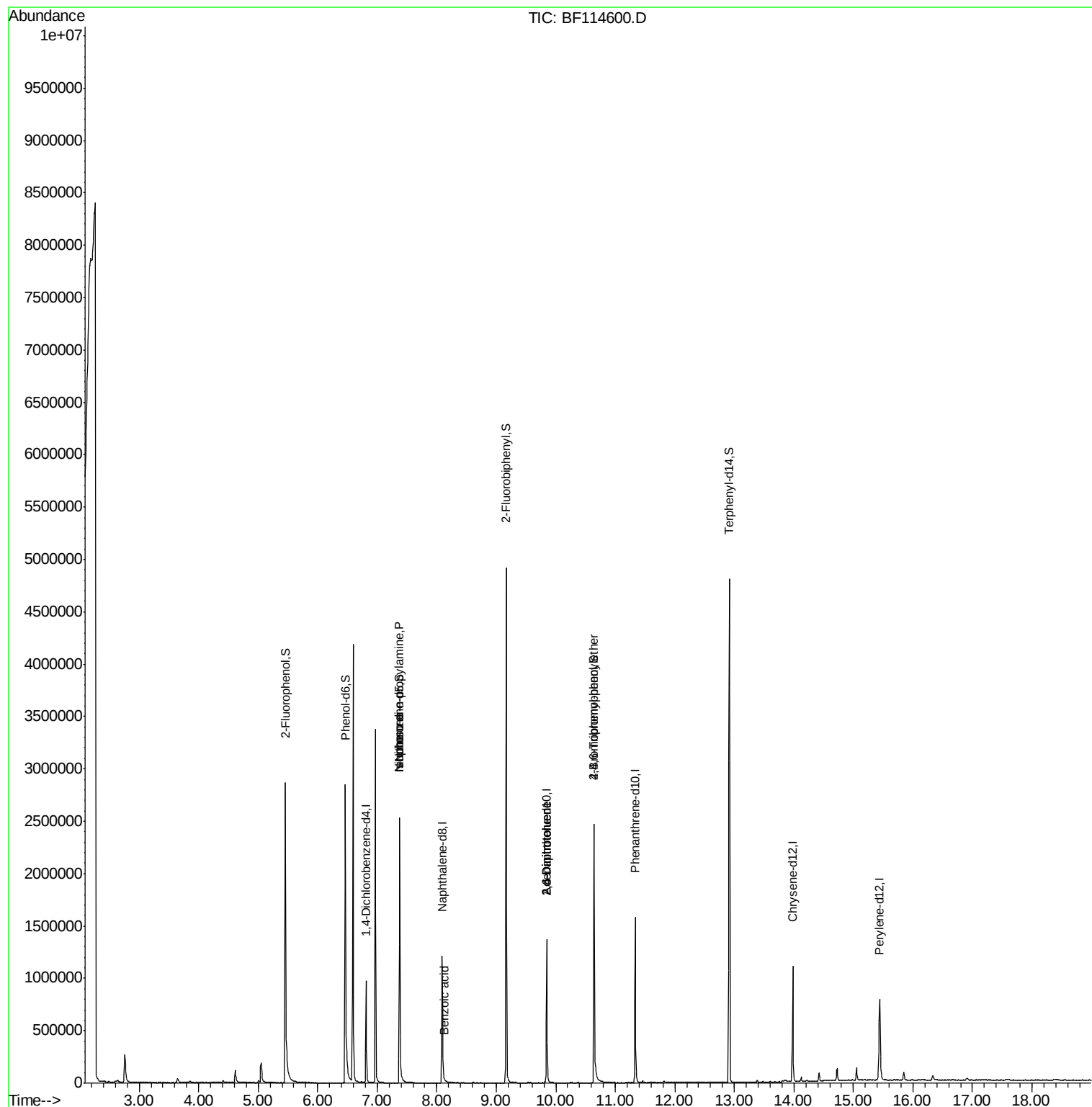
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	157607	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	598660	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	288998	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	603648	20.00	ng	0.00
76) Chrysene-d12	13.98	240	418559	20.00	ng	0.00
87) Perylene-d12	15.44	264	424727	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	976943	99.75	ng	0.01
7) Phenol-d6	6.46	99	1154089	99.63	ng	0.00
23) Nitrobenzene-d5	7.37	82	851859	79.86	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	354161	118.54	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1545335	80.89	ng	0.00
79) Terphenyl-d14	12.92	244	1731790	85.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	111433	15.177	ng	# 77
25) Isophorone	7.37	82	851852	43.058	ng	# 64
32) Benzoic acid	8.14	122	1740	7.272	ng	# 74
51) 2,6-Dinitrotoluene	9.85	165	37801	8.033	ng	# 22
57) 2,4-Dinitrotoluene	9.85	165	37801	5.919	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	21994	3.309	ng	# 1

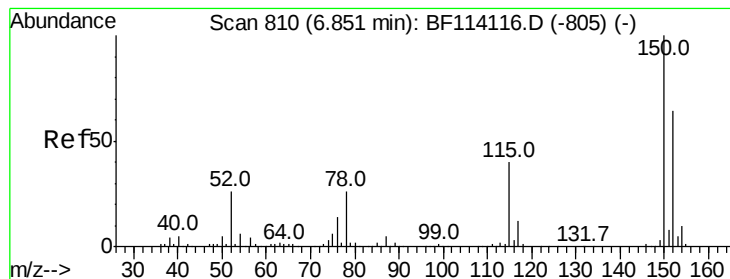
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114600.D
Acq On : 25 May 2019 6:11
Operator : JU/SJ
Sample : K2994-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6-S

Quant Time: May 26 23:05:43 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 24 07:23:33 2019
Response via : Initial Calibration



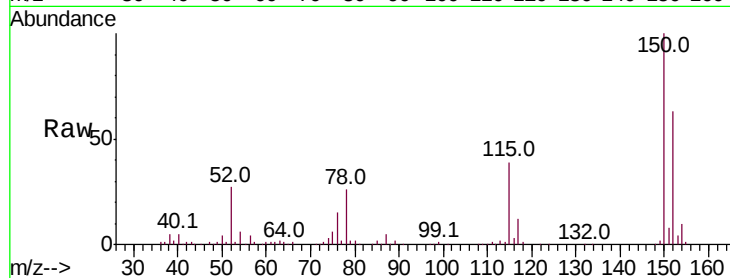


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114600.D
Acq: 25 May 2019 6:11

Instrument :
BNA_F
ClientSampleId :
TP-6-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.3	186.5
115	61.7	49.1	73.7

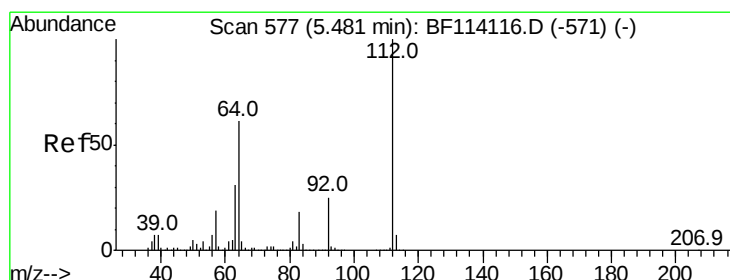
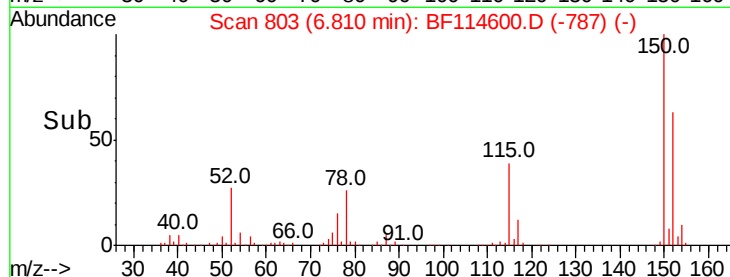
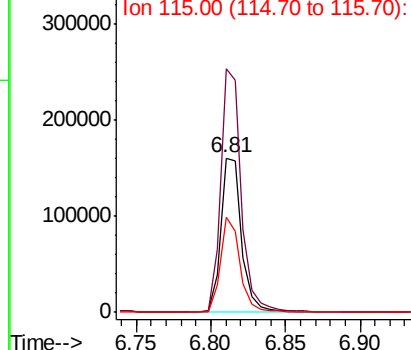


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

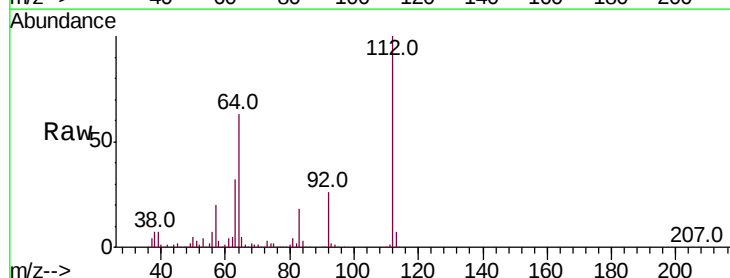
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.752 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF114600.D
Acq: 25 May 2019 6:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	49.0	73.6
63	31.9	24.6	37.0

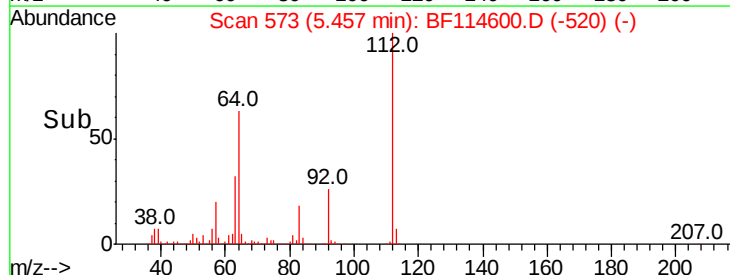
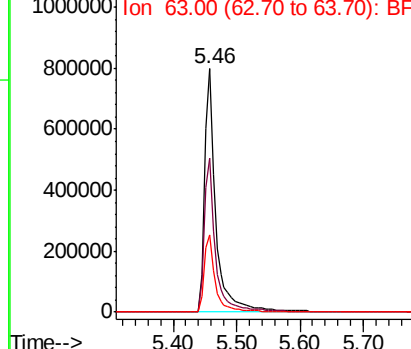


Abundance

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: 99.633 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114600.D

Acq: 25 May 2019 6:11

Instrument :

BNA_F

ClientSampleId :

TP-6-S

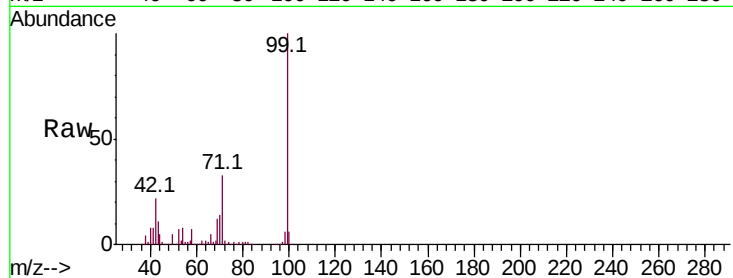
Tot Ion: 99 Resp: 1154089

Ion Ratio Lower Upper

99 100

42 21.8 17.9 26.9

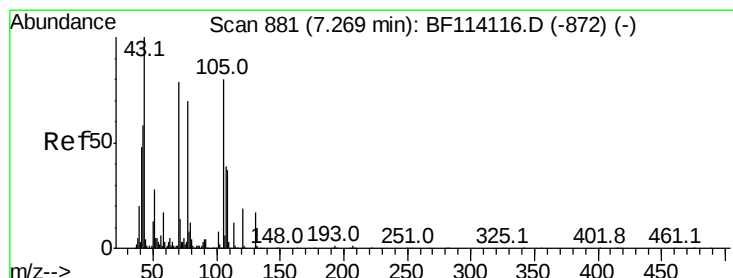
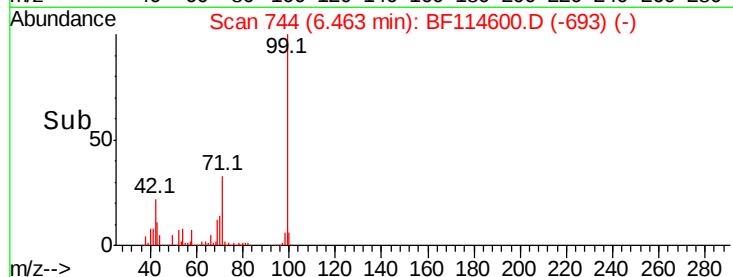
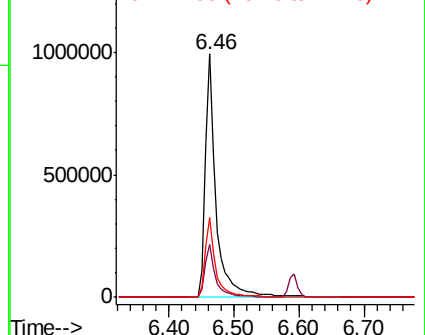
71 32.7 26.2 39.2



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: 15.177 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114600.D

Acq: 25 May 2019 6:11

Tgt Ion: 70 Resp: 111433

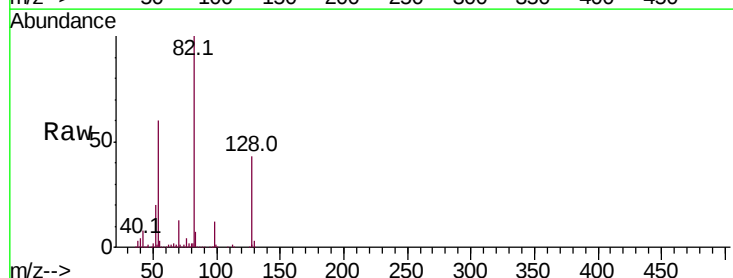
Ion Ratio Lower Upper

70 100

42 58.6 58.6 87.8

101 0.0 7.8 11.8#

130 2.0 17.1 25.7#

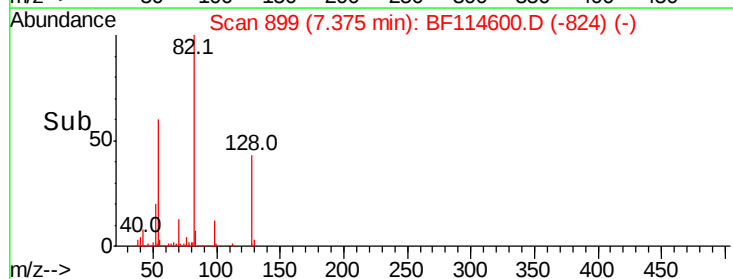
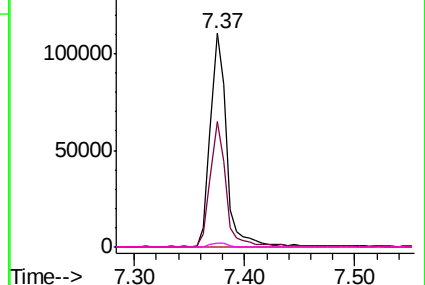


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114600.D

Acq: 25 May 2019 6:11

Instrument :

BNA_F

ClientSampleId :

TP-6-S

Tot Ion:136 Resp: 598660

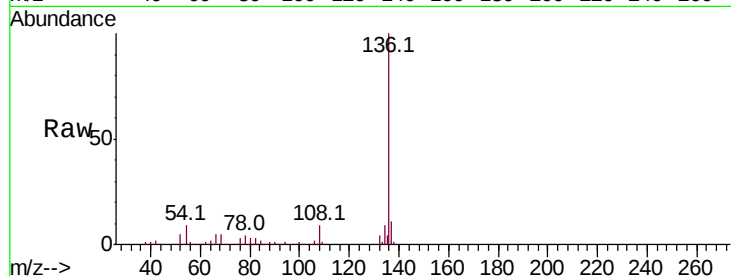
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.0 7.8 11.8

68 5.5 5.1 7.7

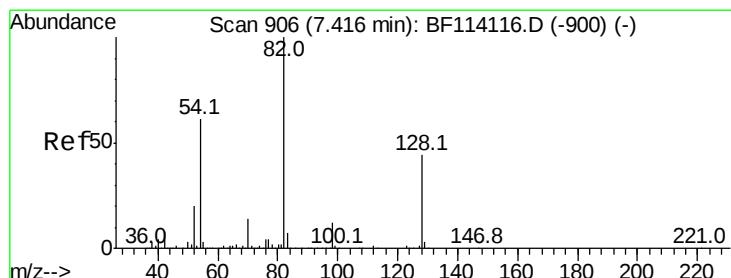
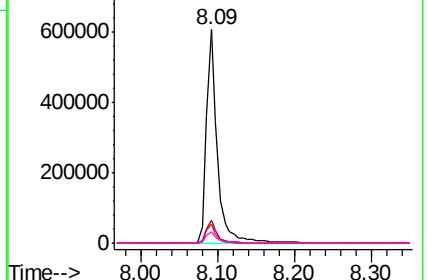
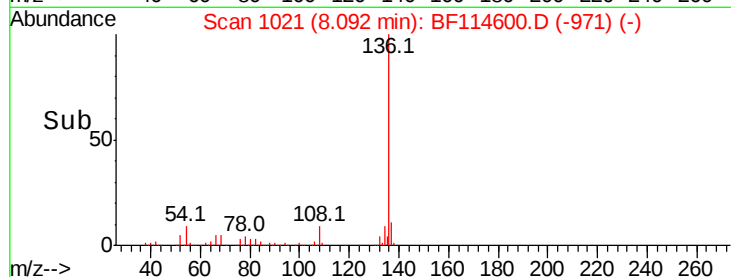


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.856 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF114600.D

Acq: 25 May 2019 6:11

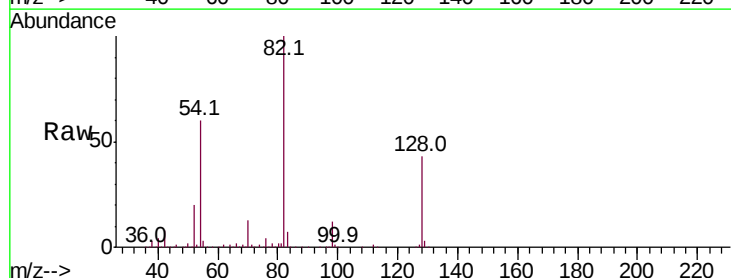
Tgt Ion: 82 Resp: 851859

Ion Ratio Lower Upper

82 100

128 43.4 35.5 53.3

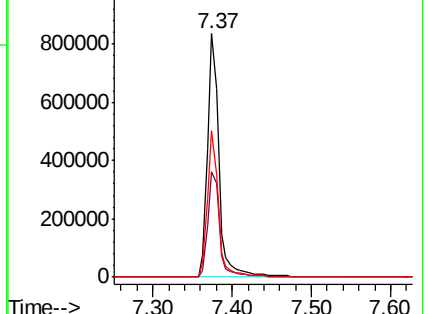
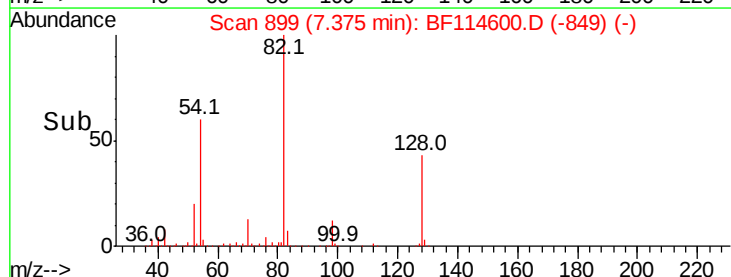
54 59.9 48.5 72.7



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: 43.058 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114600.D

Acq: 25 May 2019 6:11

Instrument :

BNA_F

ClientSampleId :

TP-6-S

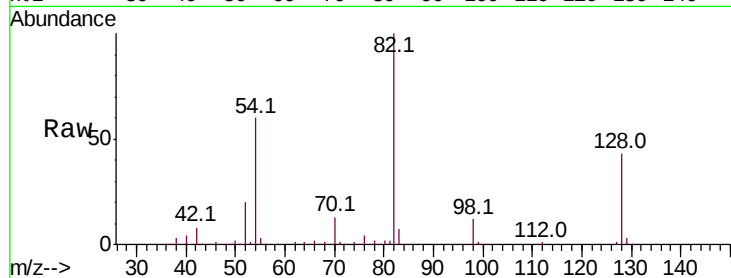
Tot Ion: 82 Resp: 851852

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

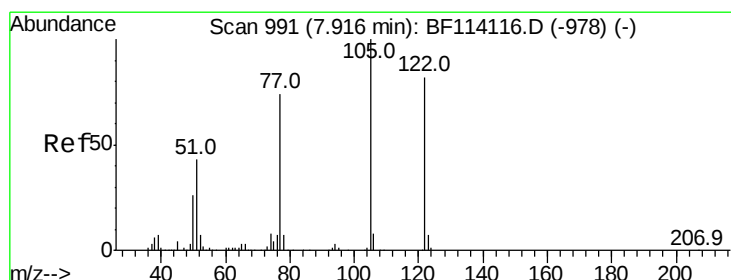
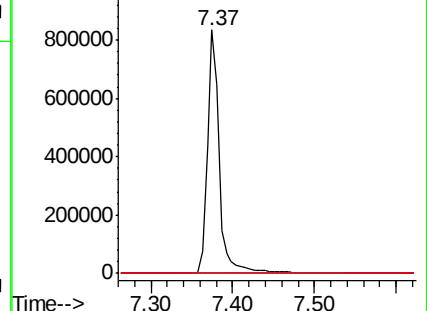
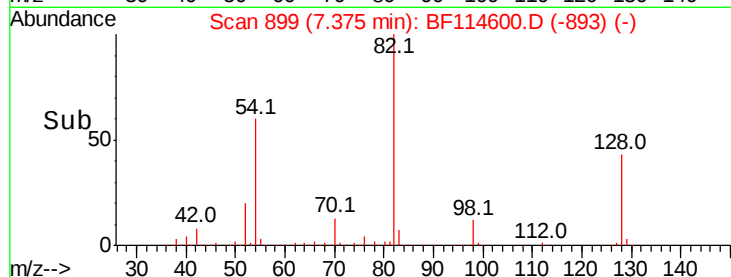
138 0.0 14.8 22.2#



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: 7.272 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.23 min

Lab File: BF114600.D

Acq: 25 May 2019 6:11

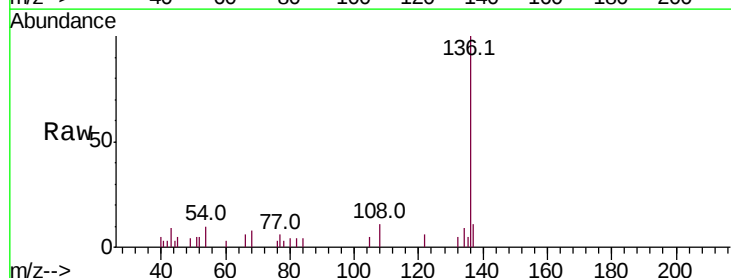
Tgt Ion:122 Resp: 1740

Ion Ratio Lower Upper

122 100

105 82.4 99.9 139.9#

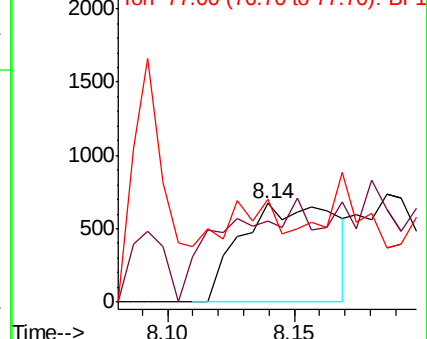
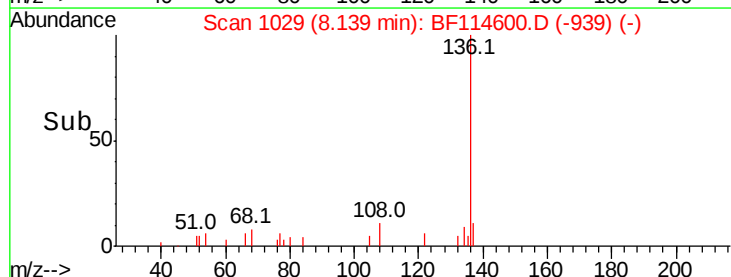
77 104.2 69.4 109.4

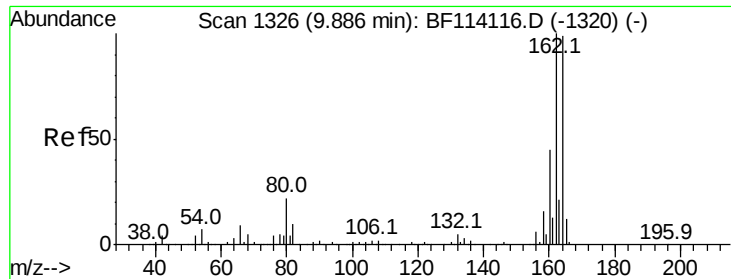


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

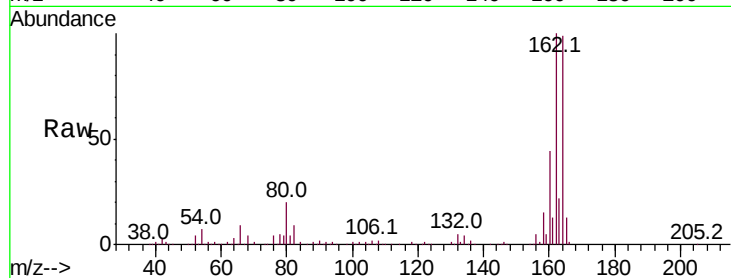




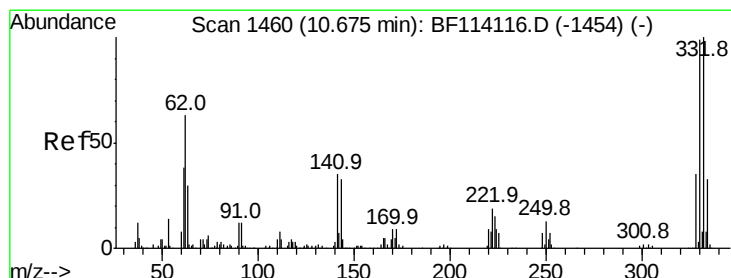
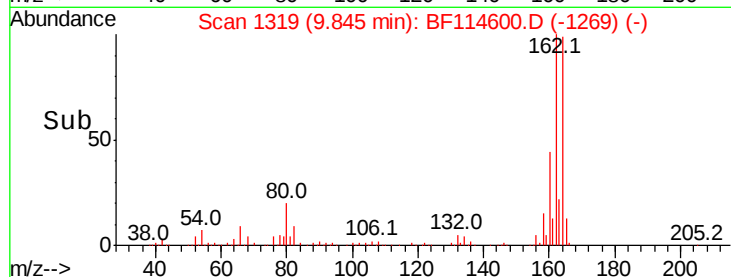
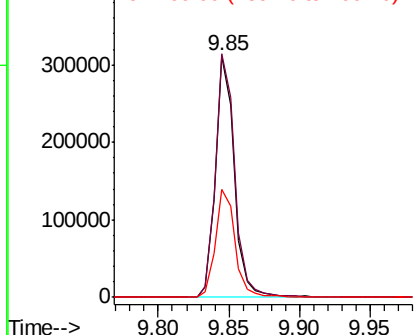
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114600.D
 Acq: 25 May 2019 6:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	44.7	36.5	54.7

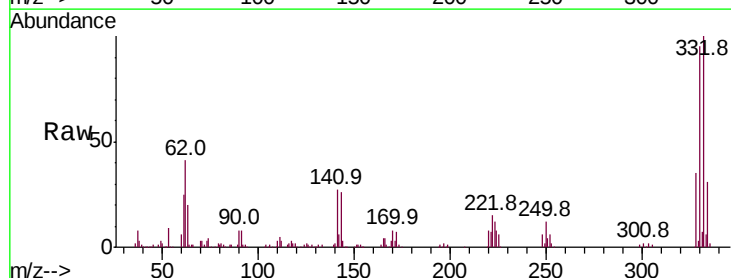


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

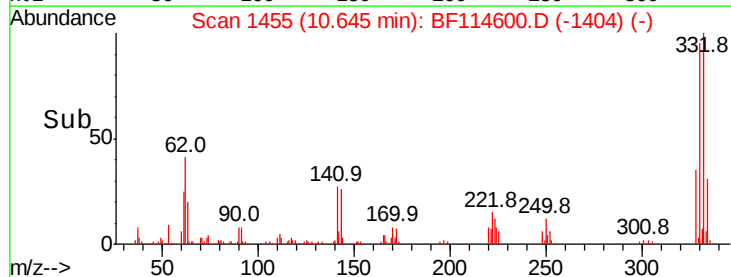
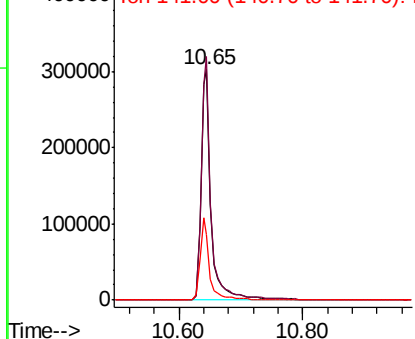


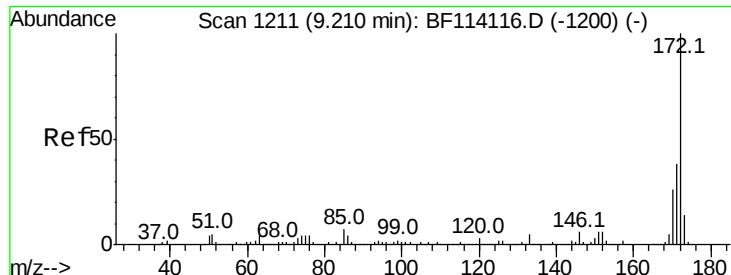
#42
 2,4,6-Tribromophenol
 Concen: 118.538 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114600.D
 Acq: 25 May 2019 6:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.5	81.4	122.2
141	33.4	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



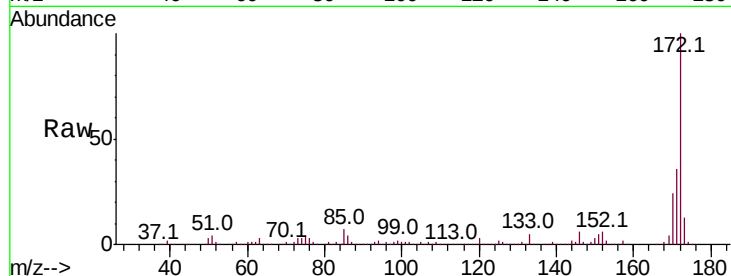


#45
 2-Fluorobiphenyl
 Concen: 80.886 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114600.D
 Acq: 25 May 2019 6:11

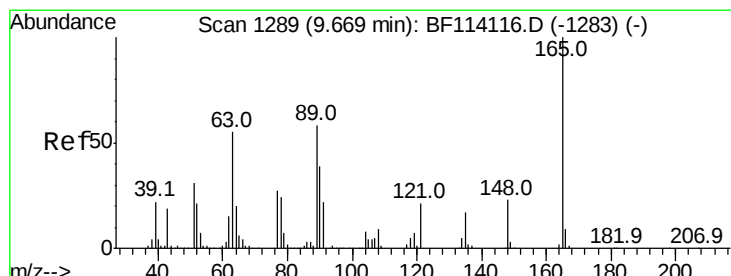
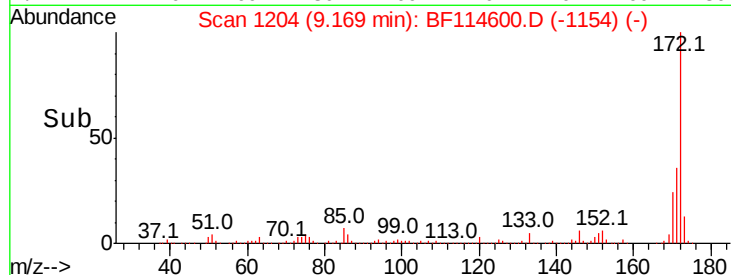
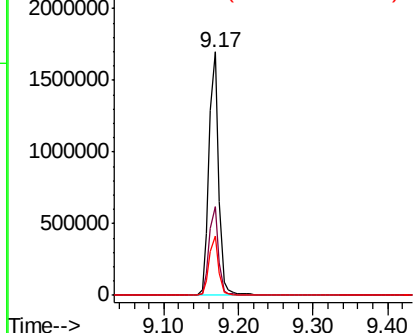
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Tot Ion:172 Resp: 1545335

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.2	20.5	30.7



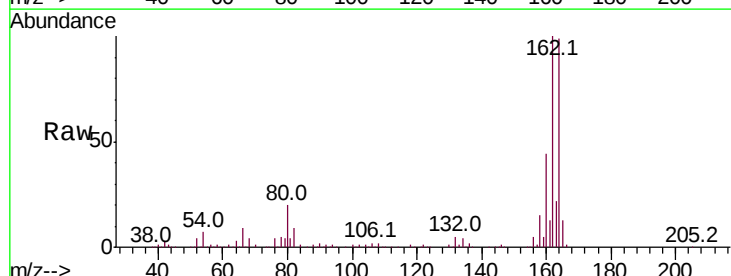
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



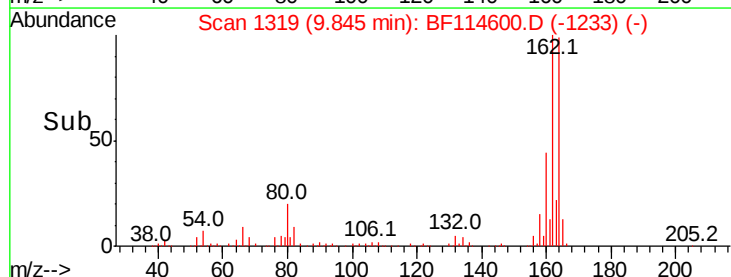
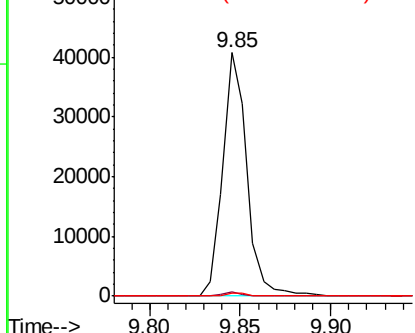
#51
 2,6-Dinitrotoluene
 Concen: 8.033 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF114600.D
 Acq: 25 May 2019 6:11

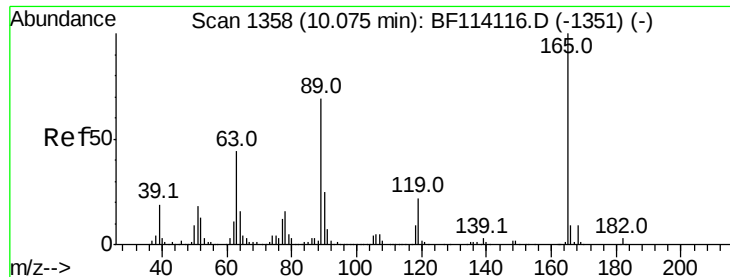
Tgt Ion:165 Resp: 37801

Ion	Ratio	Lower	Upper
165	100		
63	1.6	50.2	75.4#
89	1.0	46.6	69.8#



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

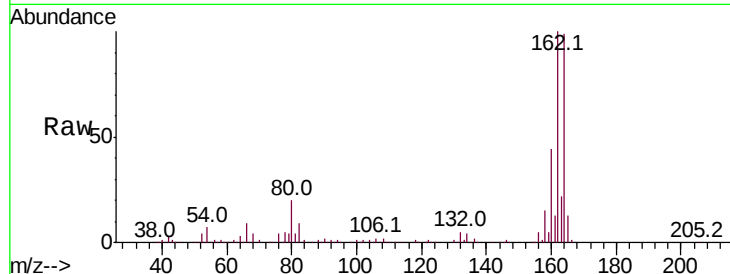




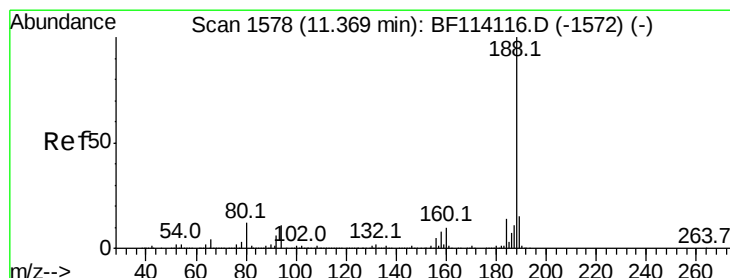
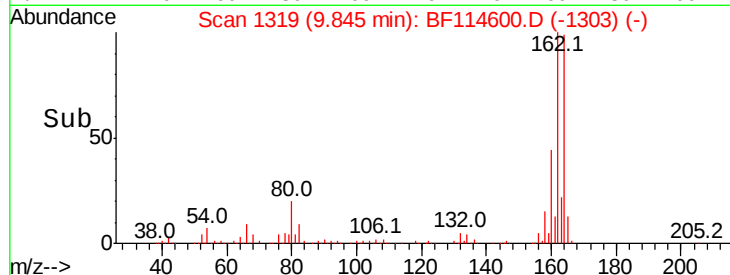
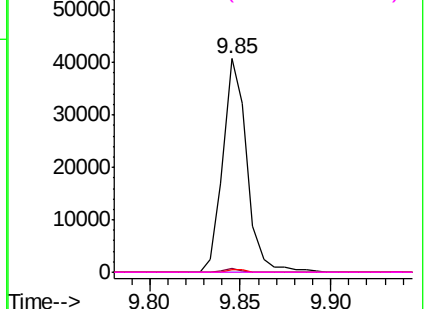
#57
 2,4-Dinitrotoluene
 Concen: 5.919 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF114600.D
 Acq: 25 May 2019 6:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Tot Ion:165 Resp: 37801
 Ion Ratio Lower Upper
 165 100
 63 1.6 35.5 53.3#
 89 1.0 55.2 82.8#
 182 0.0 2.2 3.2#

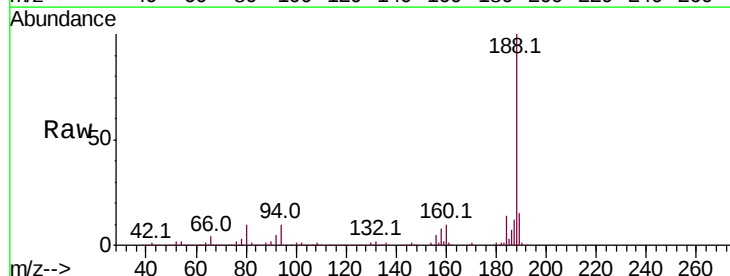


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

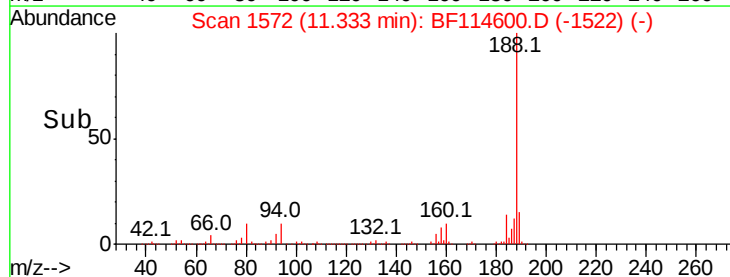
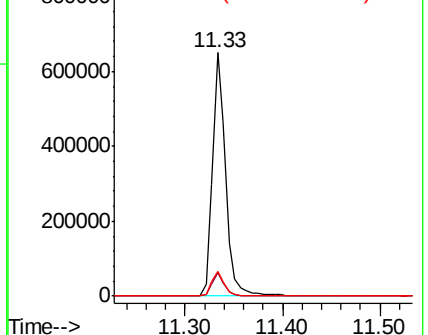


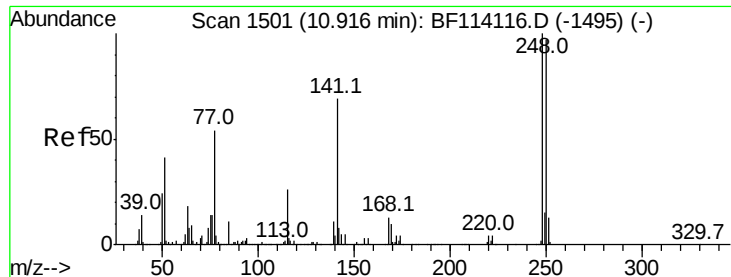
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF114600.D
 Acq: 25 May 2019 6:11

Tgt Ion:188 Resp: 603648
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.4 12.6
 80 9.9 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: 3.309 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.24 min

Lab File: BF114600.D

Acq: 25 May 2019 6:11

Instrument :

BNA_F

ClientSampleID :

TP-6-S

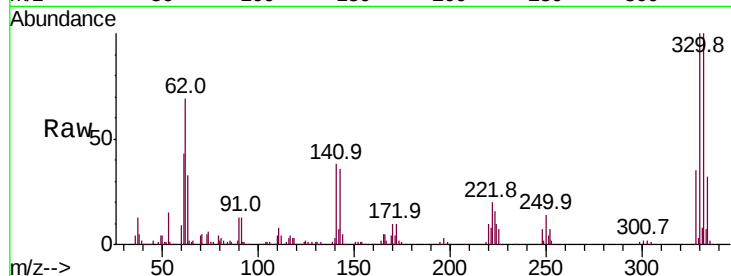
Tot Ion:248 Resp: 21994

Ion Ratio Lower Upper

248 100

250 197.2 77.4 116.2#

141 543.0 55.6 83.4#

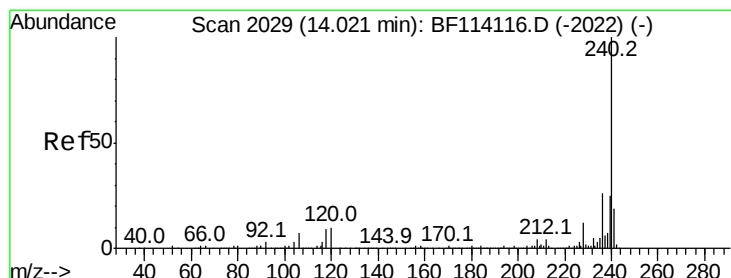
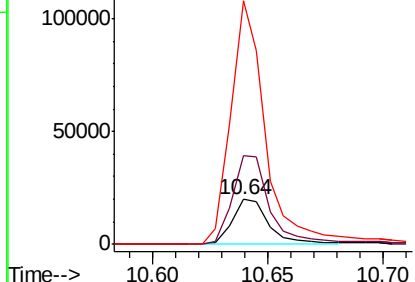
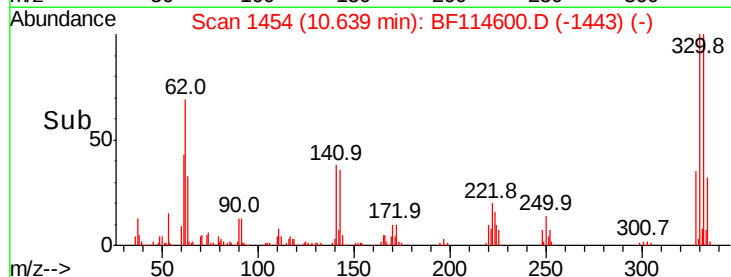


Abundance

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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114600.D

Acq: 25 May 2019 6:11

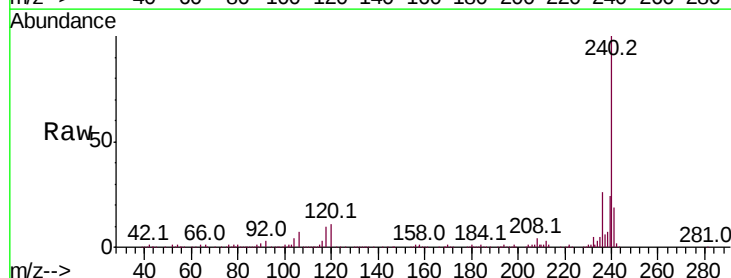
Tgt Ion:240 Resp: 418559

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

236 25.8 20.8 31.2

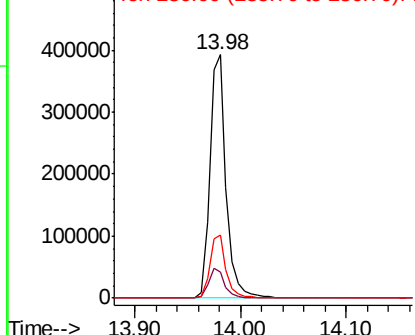
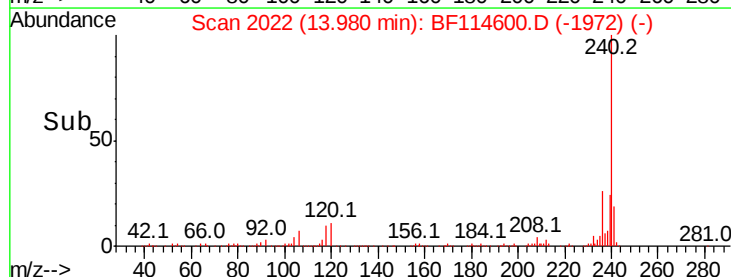


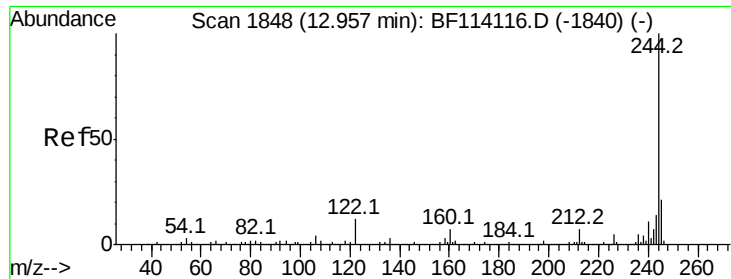
Abundance

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

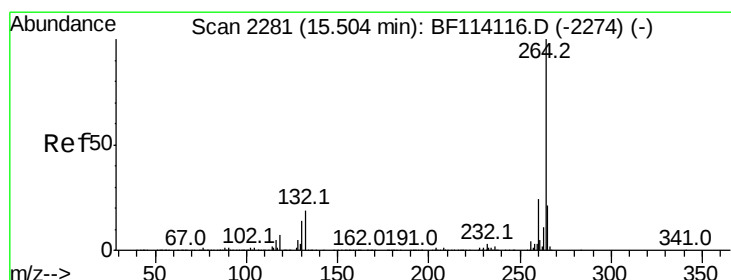
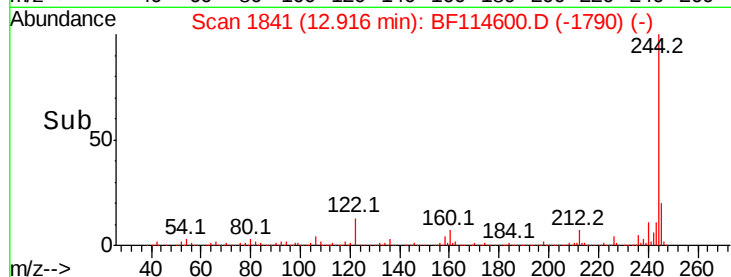
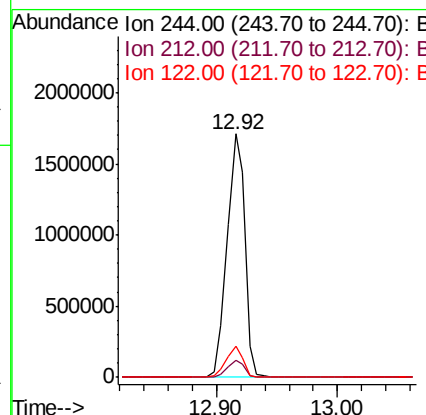
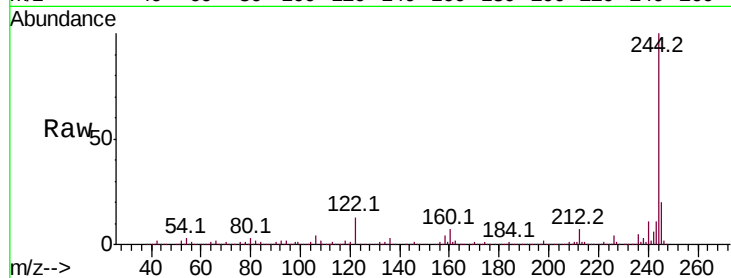




#79
 Terphenyl-d14
 Concen: 85.292 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114600.D
 Acq: 25 May 2019 6:11

Instrument :
 BNA_F
 ClientSampled :
 TP-6-S

Tot Ion:244 Resp: 1731790
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 12.9 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF114600.D
 Acq: 25 May 2019 6:11

Tgt Ion:264 Resp: 424727
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.4 29.0
 265 20.8 16.9 25.3

