

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114410.D
 Acq On : 19 May 2019 00:59
 Operator : JU/SJ
 Sample : K2896-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:13:18 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

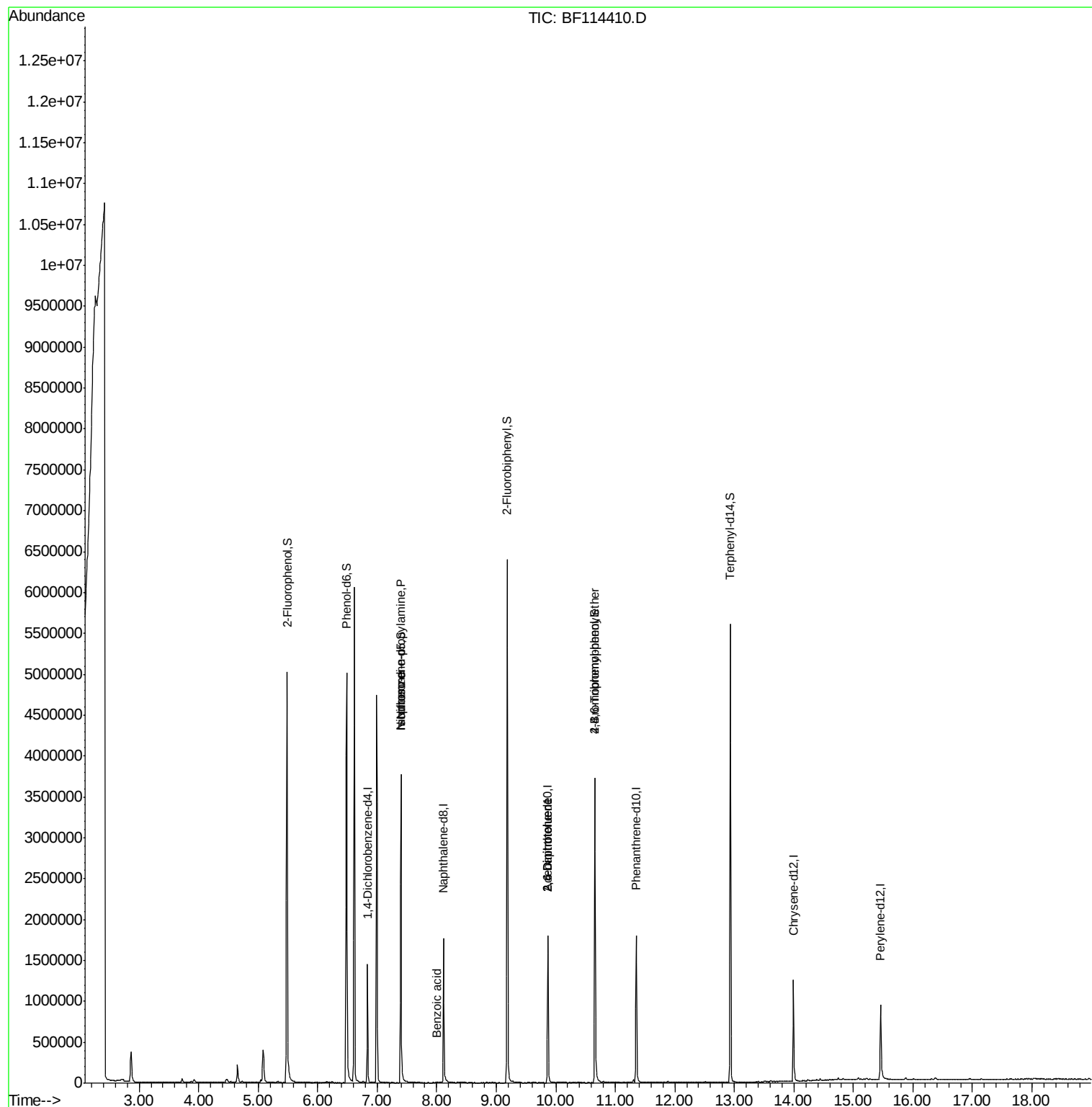
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	223700	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	858576	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	397675	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	760166	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	451287	20.00	ng	-0.03
87) Perylene-d12	15.46	264	499543	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1516906	109.12	ng	0.00
7) Phenol-d6	6.49	99	1840856	111.97	ng	0.00
23) Nitrobenzene-d5	7.40	82	1325100	86.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	505108	122.86	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	2265835	86.19	ng	-0.02
79) Terphenyl-d14	12.93	244	2050339	93.66	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	173562	16.655	ng	# 75
25) Isophorone	7.40	82	1325093	46.702	ng	# 64
32) Benzoic acid	8.00	122	1579	7.180	ng	# 77
51) 2,6-Dinitrotoluene	9.87	165	50769	7.841	ng	# 22
57) 2,4-Dinitrotoluene	9.87	165	50769	5.777	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	32198	3.847	ng	# 1

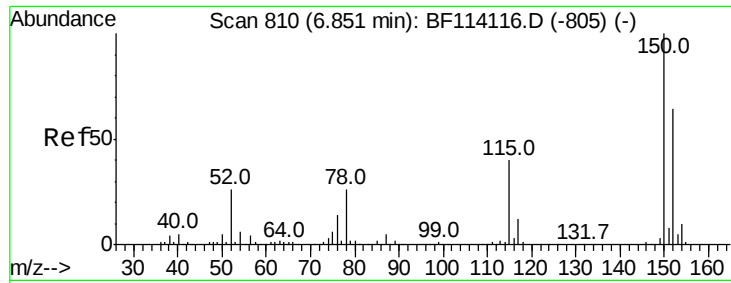
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: May 20 04:13:18 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



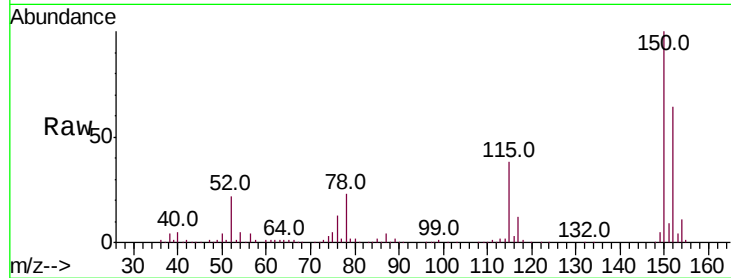


#1

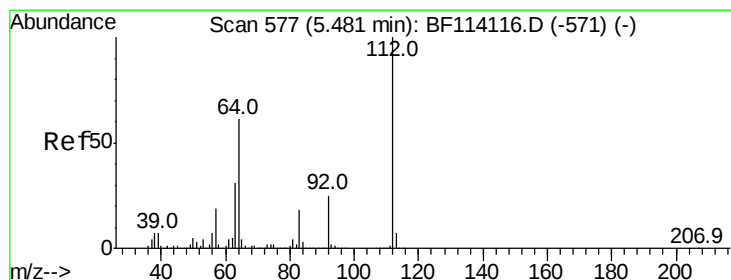
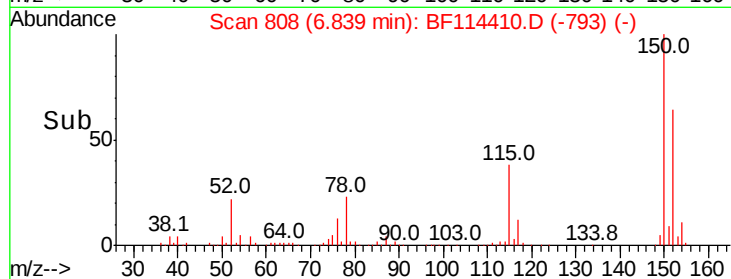
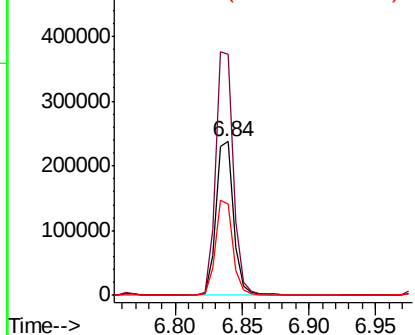
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF114410.D
Acq: 19 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.3	186.5
115	59.2	49.1	73.7



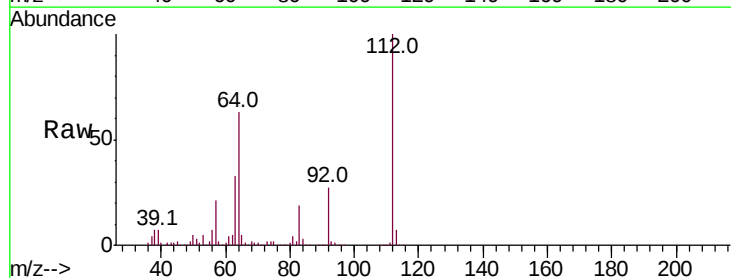
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



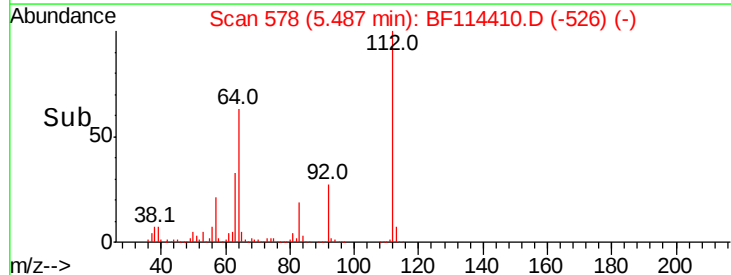
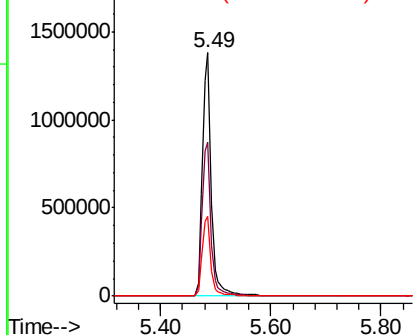
#5

2-Fluorophenol
Concen: 109.124 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114410.D
Acq: 19 May 2019 00:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	49.0	73.6
63	32.8	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: 111.968 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114410.D

Acq: 19 May 2019 00:59

Instrument :

BNA_F

ClientSampleId :

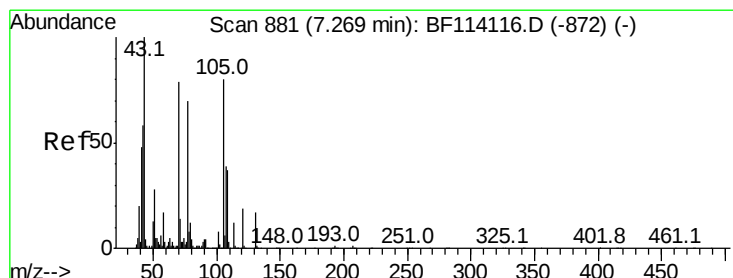
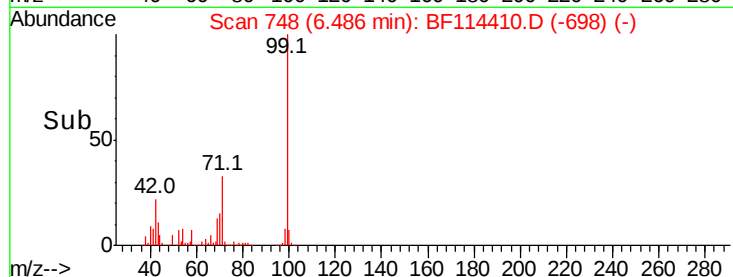
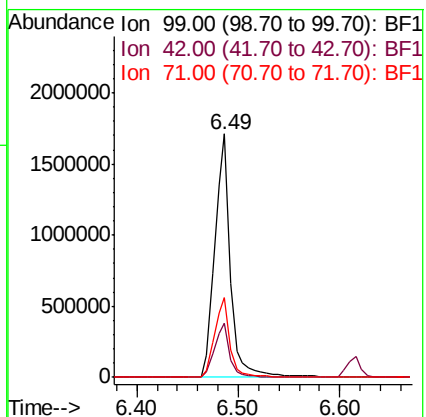
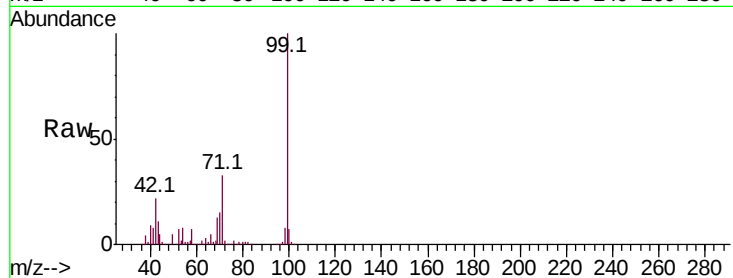
Tot Ion: 99 Resp: 1840856

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

71 32.9 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.655 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF114410.D

Acq: 19 May 2019 00:59

Tgt Ion: 70 Resp: 173562

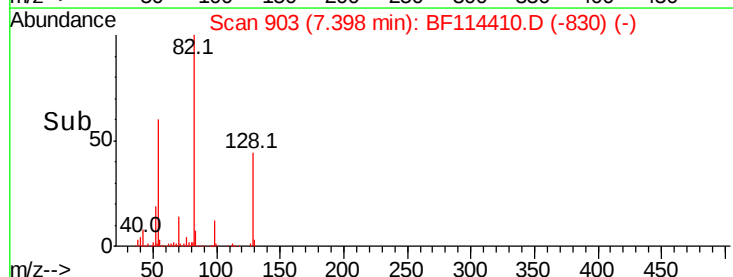
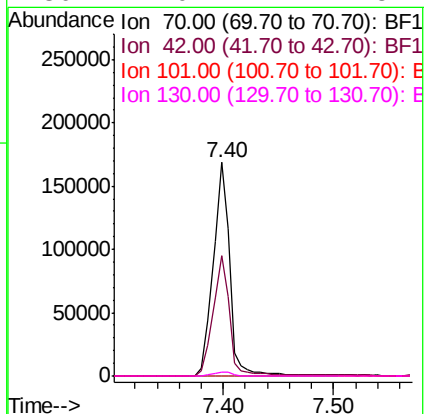
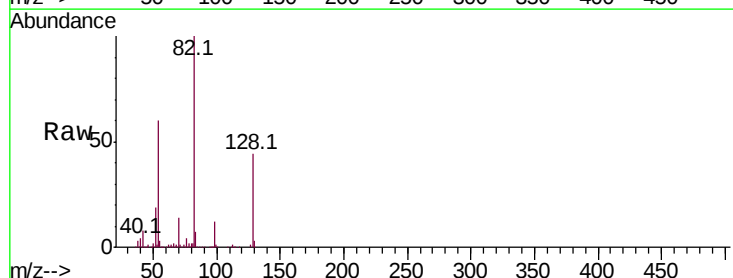
Ion Ratio Lower Upper

70 100

42 56.1 58.6 87.8#

101 0.0 7.8 11.8#

130 2.0 17.1 25.7#

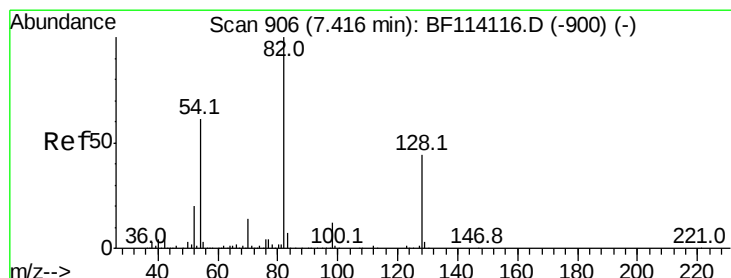
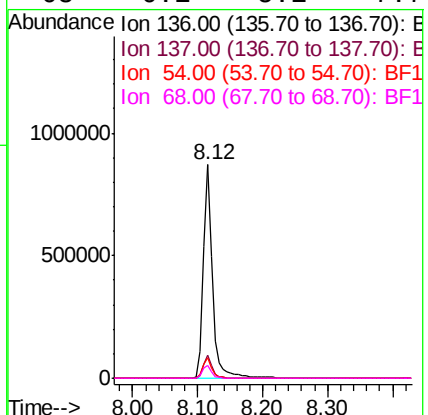
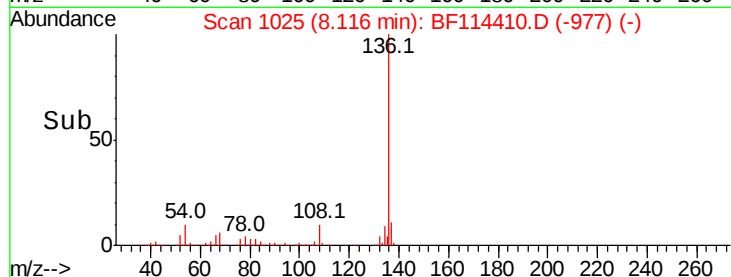
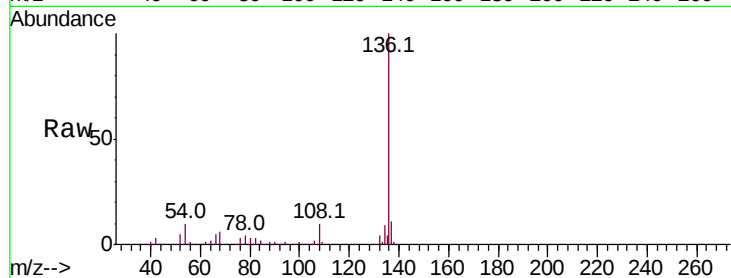




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114410.D
Acq: 19 May 2019 00:59

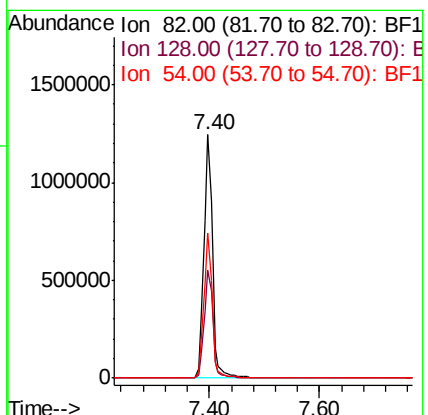
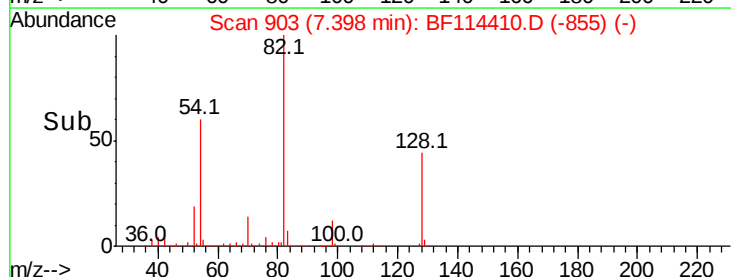
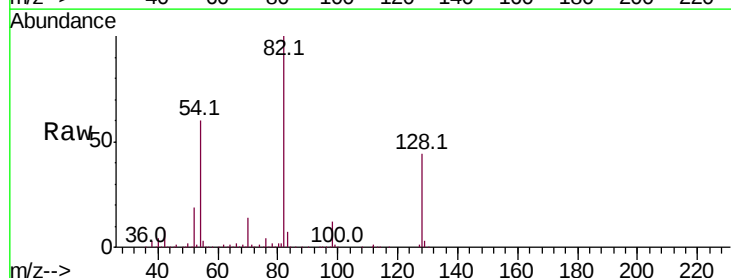
Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	858576
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.6	7.8	11.8
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 86.614 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114410.D
Acq: 19 May 2019 00:59

Tgt Ion:	82	Resp:	1325100
Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.5	53.3
54	59.6	48.5	72.7





#25

Isophorone

Concen: 46.702 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114410.D

Acq: 19 May 2019 00:59

Instrument :

BNA_F

ClientSampleId :

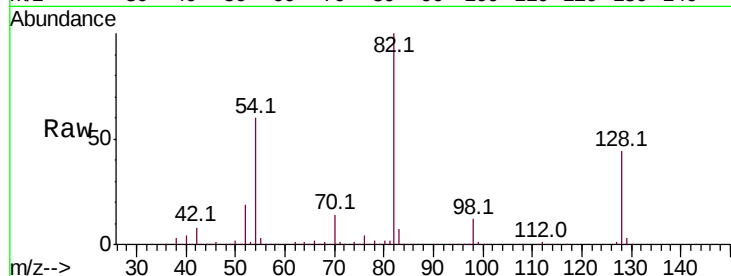
Tot Ion: 82 Resp: 1325093

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

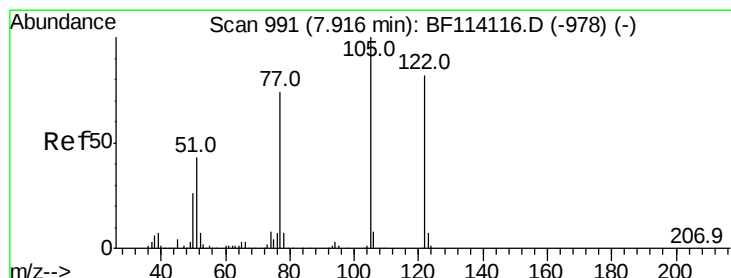
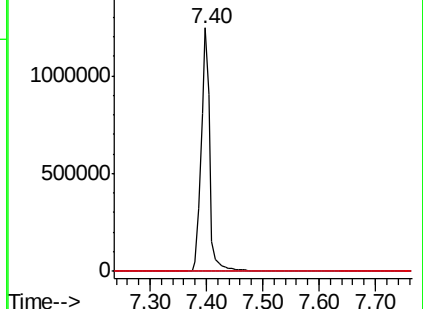
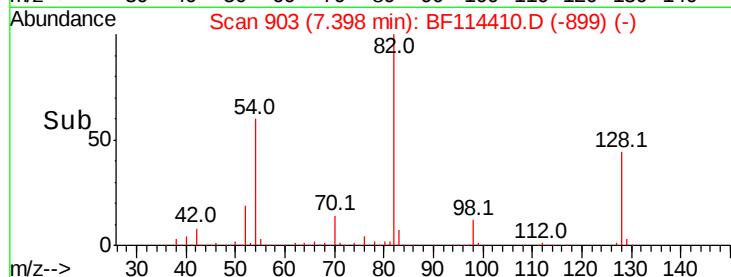
138 0.0 14.8 22.2#



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: 7.180 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.08 min

Lab File: BF114410.D

Acq: 19 May 2019 00:59

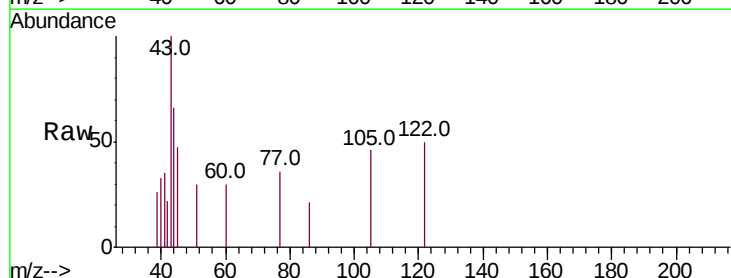
Tgt Ion:122 Resp: 1579

Ion Ratio Lower Upper

122 100

105 91.4 99.9 139.9#

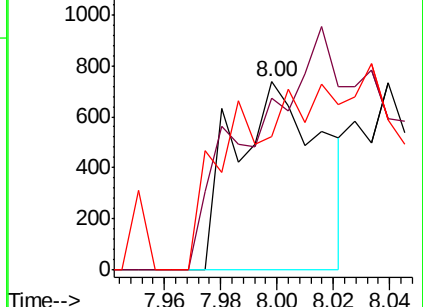
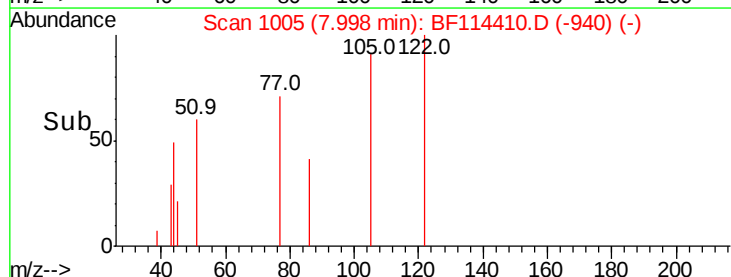
77 70.8 69.4 109.4

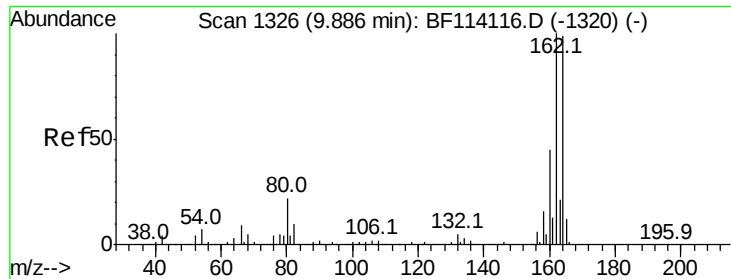


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

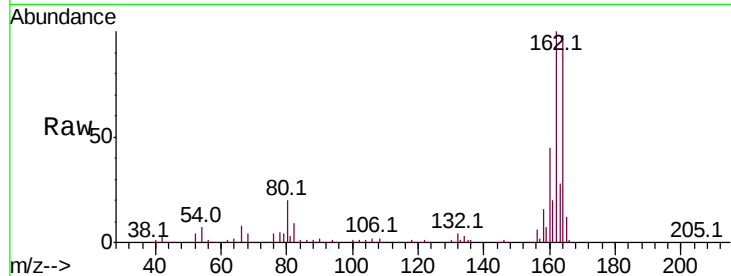




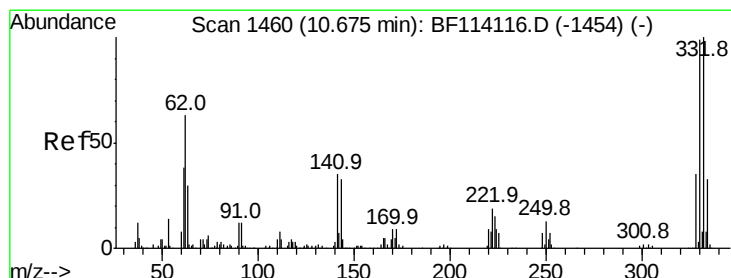
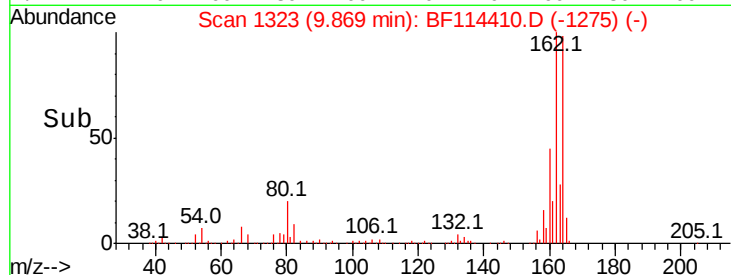
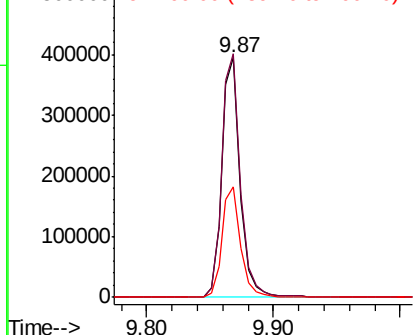
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF114410.D
Acq: 19 May 2019 00:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 397675
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 46.2 36.5 54.7

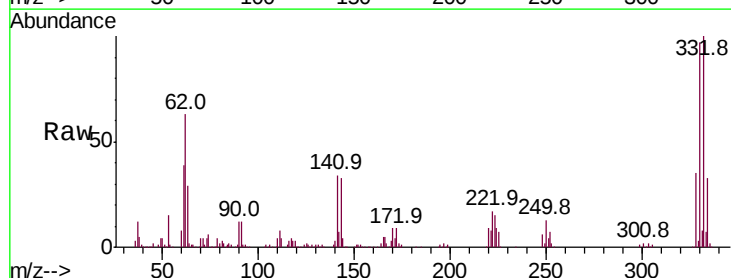


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

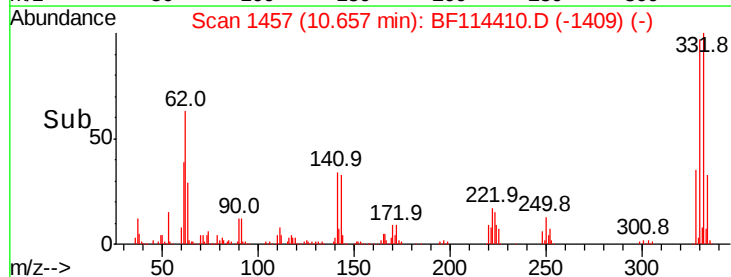
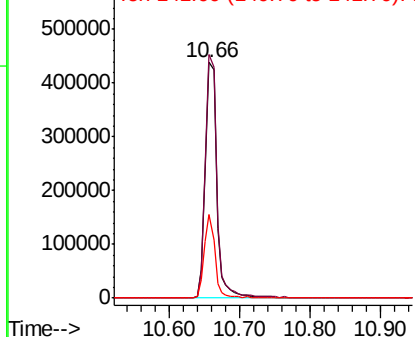


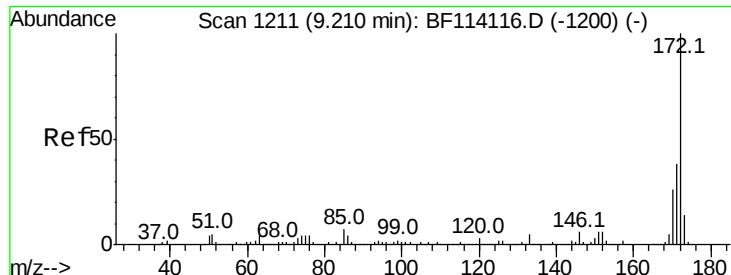
#42
2,4,6-Tribromophenol
Concen: 122.859 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF114410.D
Acq: 19 May 2019 00:59

Tgt Ion:330 Resp: 505108
Ion Ratio Lower Upper
330 100
332 102.6 81.4 122.2
141 33.2 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



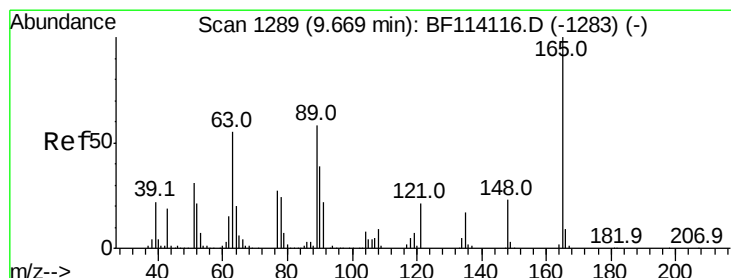
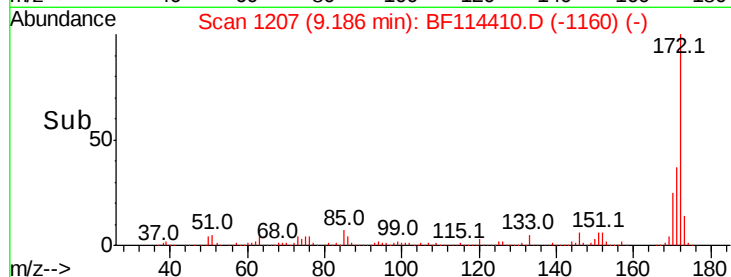
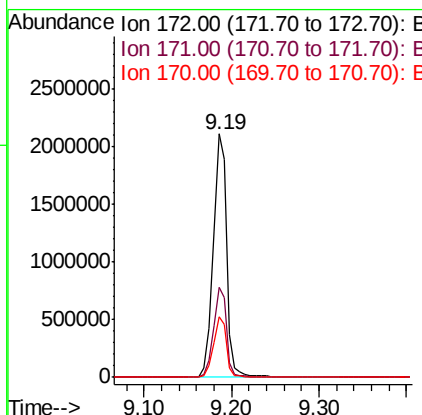
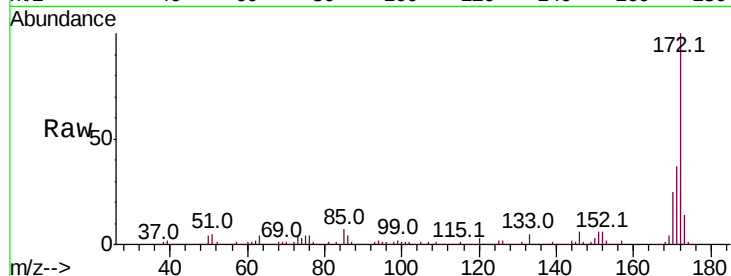


#45
 2-Fluorobiphenyl
 Concen: 86.187 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114410.D
 Acq: 19 May 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2265835

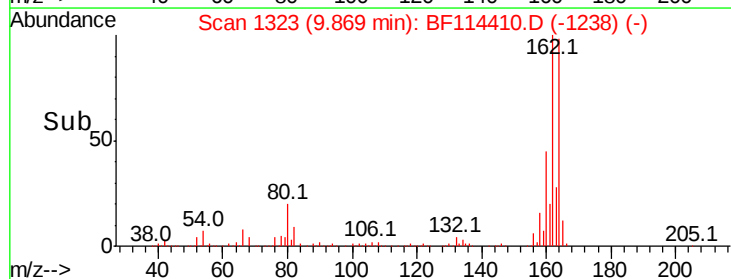
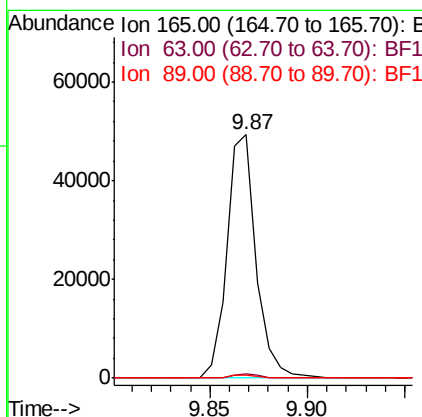
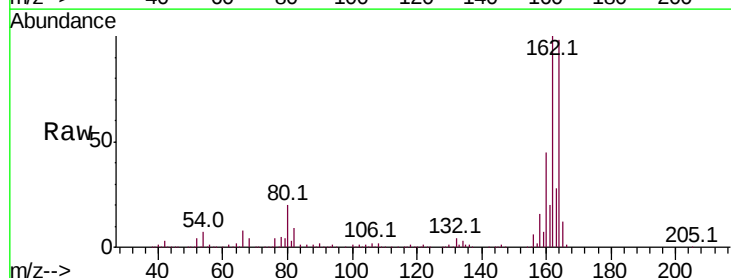
Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.7	46.1
170	24.8	20.5	30.7

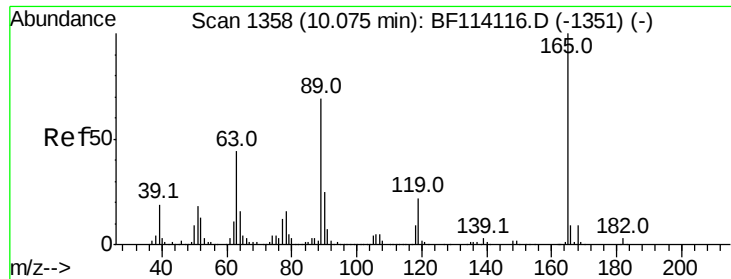


#51
 2,6-Dinitrotoluene
 Concen: 7.841 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF114410.D
 Acq: 19 May 2019 00:59

Tgt Ion:165 Resp: 50769

Ion	Ratio	Lower	Upper
165	100		
63	1.9	50.2	75.4#
89	1.4	46.6	69.8#

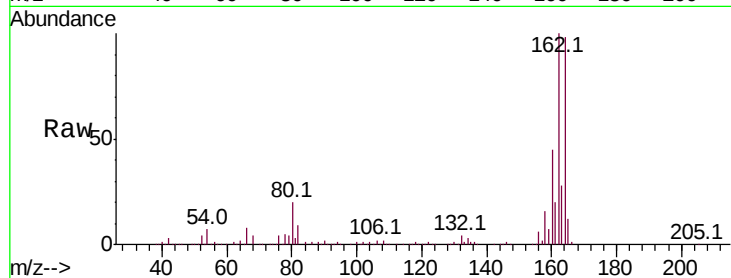




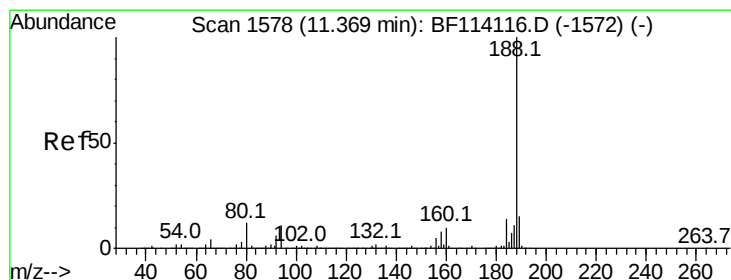
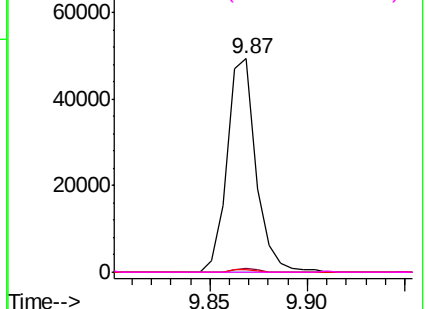
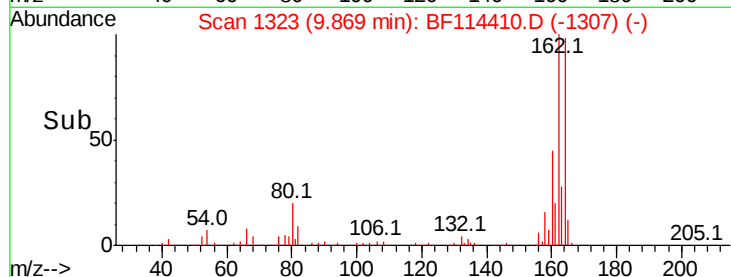
#57
2,4-Dinitrotoluene
Concen: 5.777 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF114410.D
Acq: 19 May 2019 00:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 50769
Ion Ratio Lower Upper
165 100
63 1.9 35.5 53.3#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

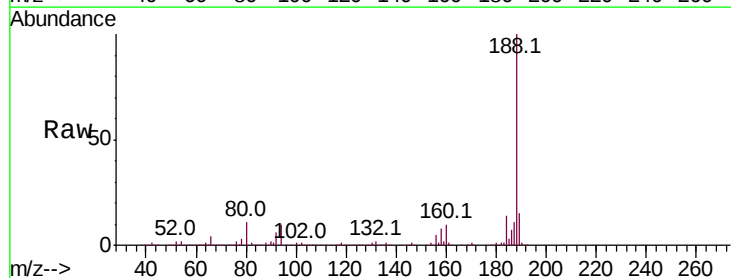


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

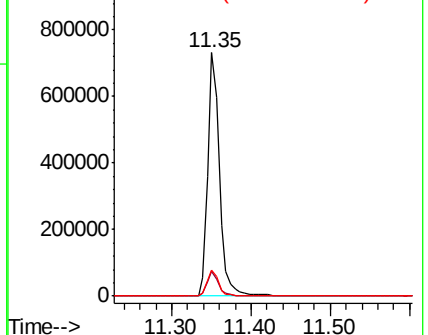
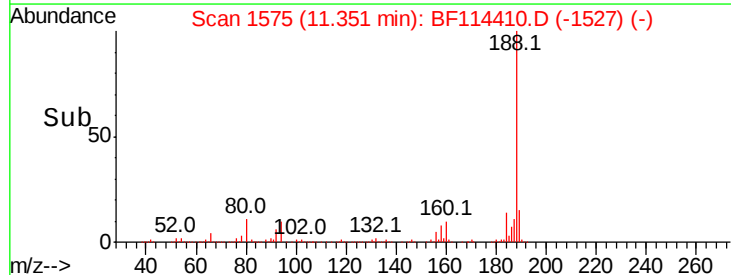


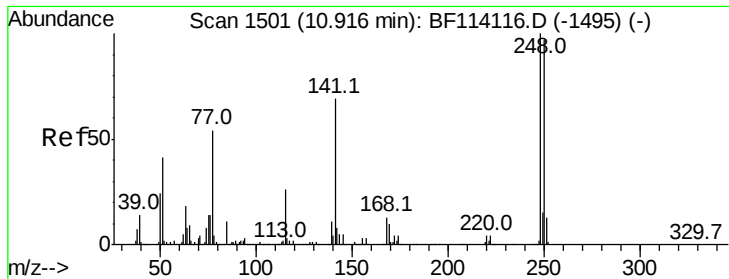
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114410.D
Acq: 19 May 2019 00:59

Tgt Ion:188 Resp: 760166
Ion Ratio Lower Upper
188 100
94 10.3 8.4 12.6
80 10.7 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: 3.847 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.26 min

Lab File: BF114410.D

Acq: 19 May 2019 00:59

Instrument :

BNA_F

ClientSampleId :

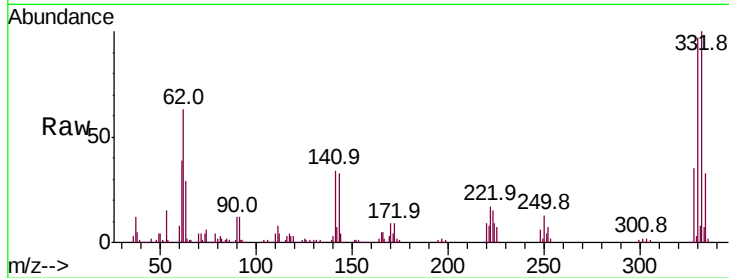
Tot Ion:248 Resp: 32198

Ion Ratio Lower Upper

248 100

250 204.9 77.4 116.2#

141 538.1 55.6 83.4#

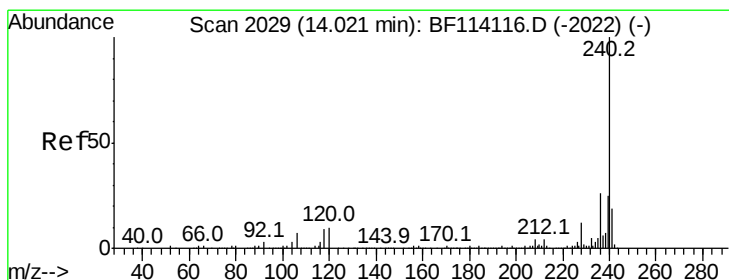
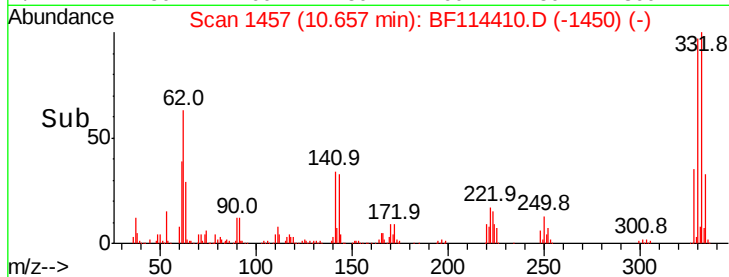
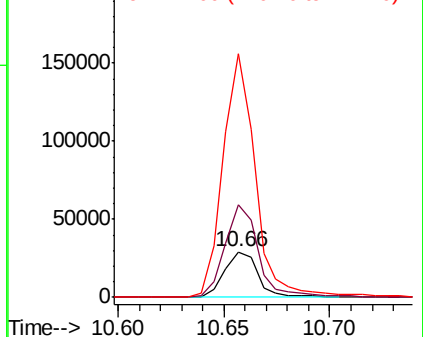


Abundance

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: 13.99 min Scan# 2024

Delta R.T. -0.03 min

Lab File: BF114410.D

Acq: 19 May 2019 00:59

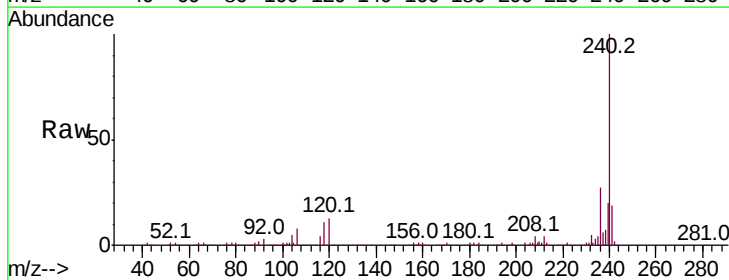
Tgt Ion:240 Resp: 451287

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

236 26.6 20.8 31.2

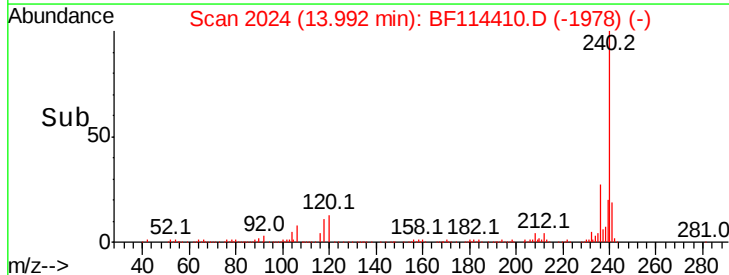
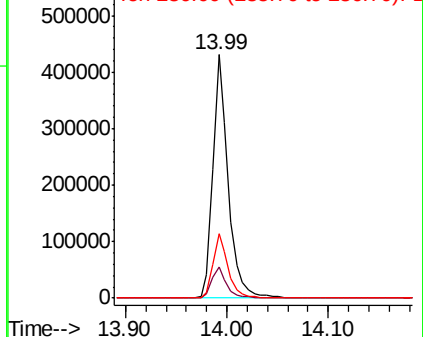


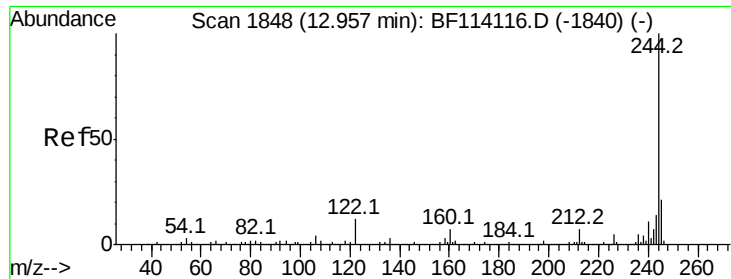
Abundance

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: 93.657 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114410.D

Acq: 19 May 2019 00:59

Instrument :

BNA_F

ClientSampleId :

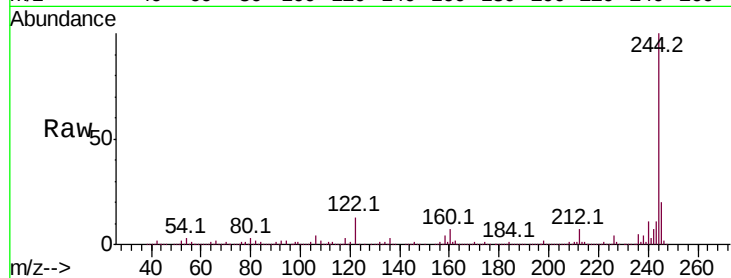
Tot Ion:244 Resp: 2050339

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

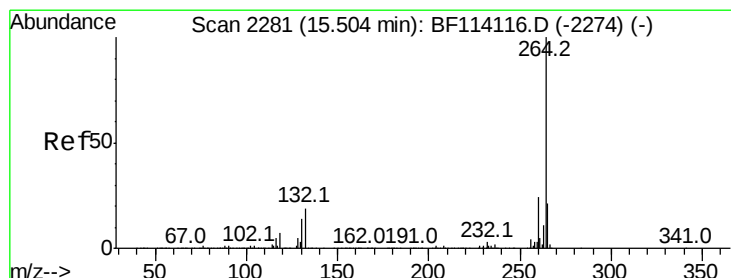
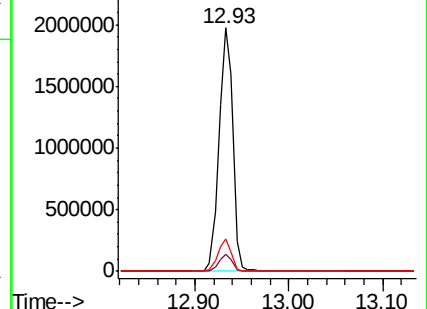
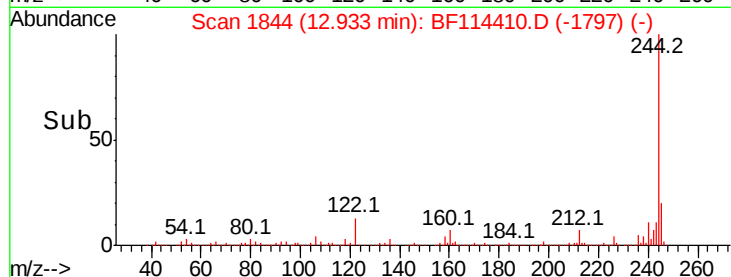
122 13.2 9.4 14.2



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: 15.46 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BF114410.D

Acq: 19 May 2019 00:59

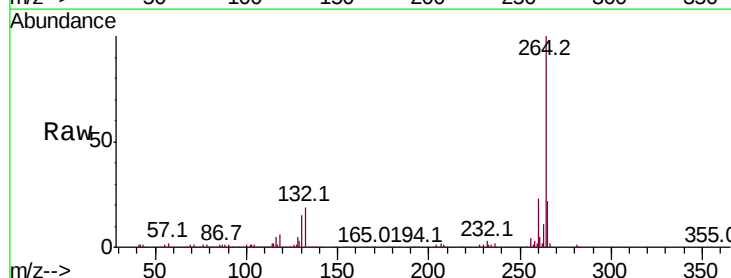
Tgt Ion:264 Resp: 499543

Ion Ratio Lower Upper

264 100

260 22.8 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

