

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114392.D
 Acq On : 18 May 2019 15:44
 Operator : JU/SJ
 Sample : K2905-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:10:10 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	6.83	152	219585	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	833302	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	405292	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	820933	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	579253	20.00	ng	-0.03
87) Perylene-d12	15.46	264	553434	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1257542	92.16	ng	-0.01
7) Phenol-d6	6.48	99	1653512	102.46	ng	-0.01
23) Nitrobenzene-d5	7.40	82	999435	67.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	390919	93.30	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1739970	64.94	ng	-0.02
79) Terphenyl-d14	12.93	244	1839565	65.47	ng	-0.02

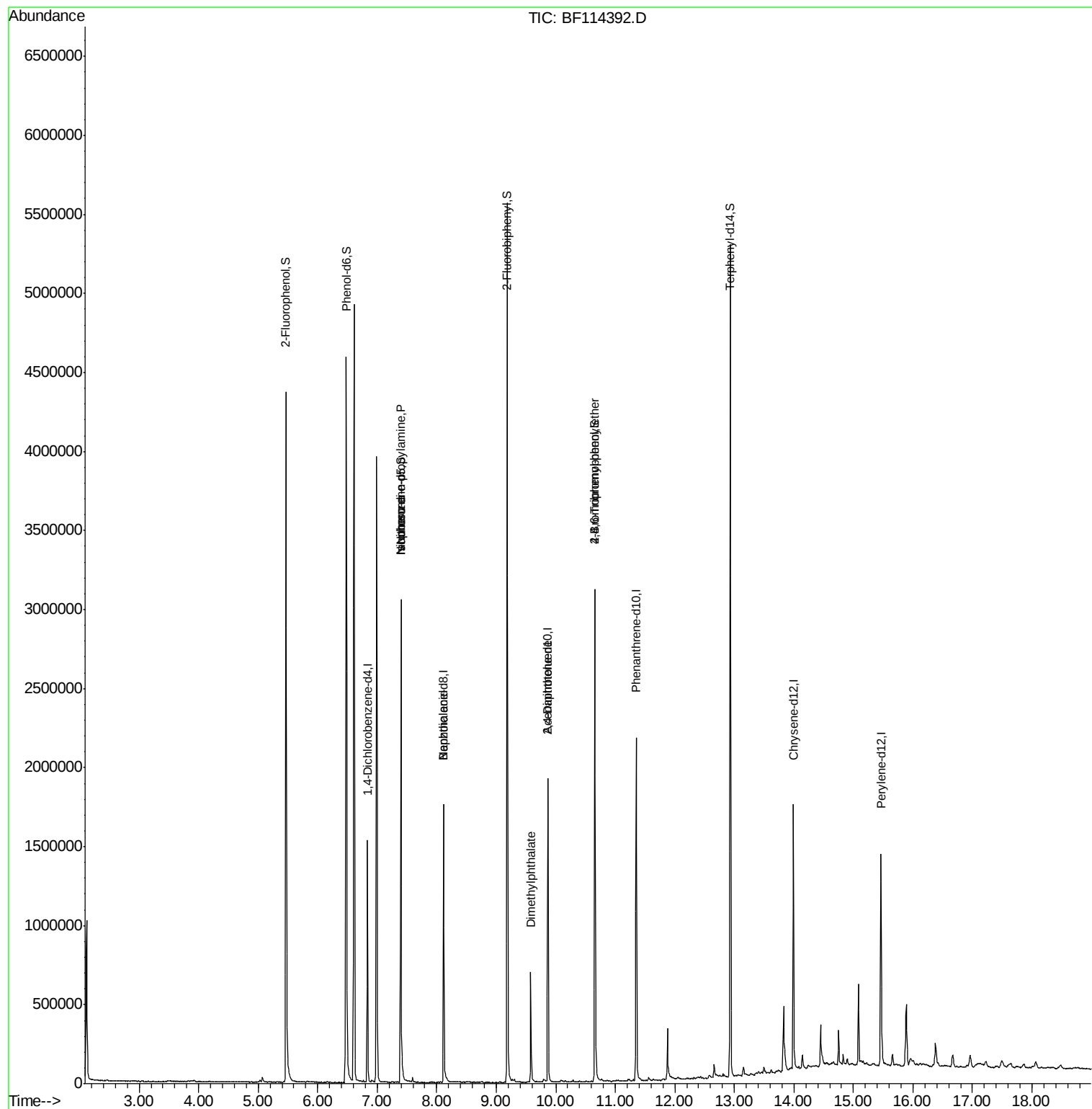
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	131493	12.855	ng	# 75
25) Isophorone	7.40	82	999424	36.292	ng	# 64
32) Benzoic acid	8.12	122	117	7.033	ng	# 1
50) Dimethylphthalate	9.58	163	312753	10.512	ng	98
57) 2,4-Dinitrotoluene	9.87	165	51252	5.722	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	25909	2.866	ng	# 1

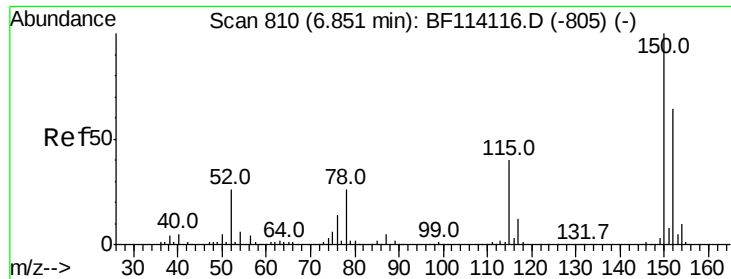
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
Data File : BF114392.D
Acq On : 18 May 2019 15:44
Operator : JU/SJ
Sample : K2905-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 20 04:10:10 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



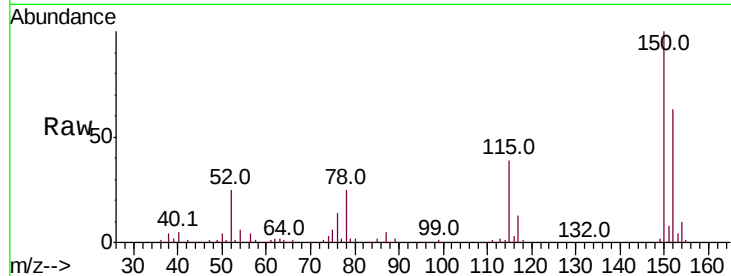


#1

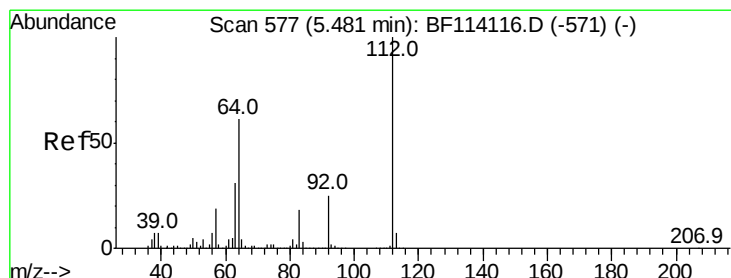
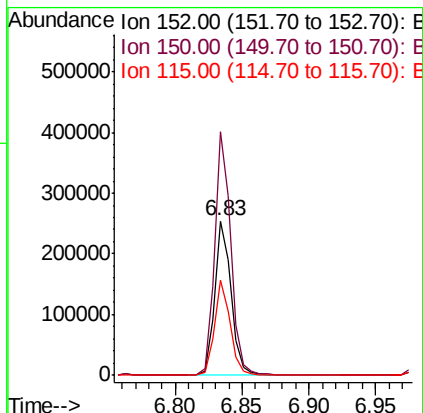
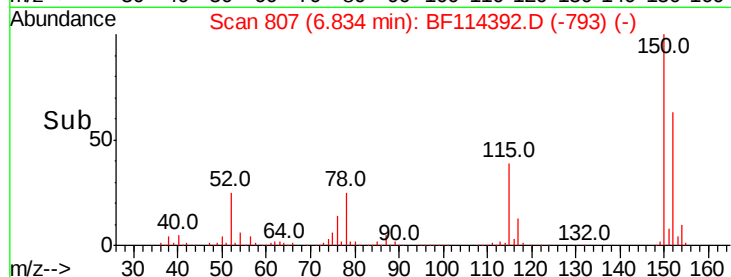
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114392.D
Acq: 18 May 2019 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 219585
Ion Ratio Lower Upper
152 100
150 157.9 124.3 186.5
115 61.3 49.1 73.7



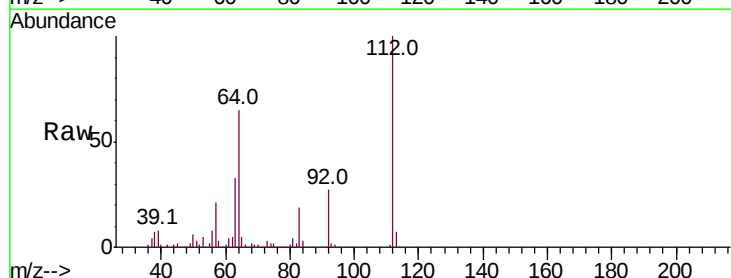
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



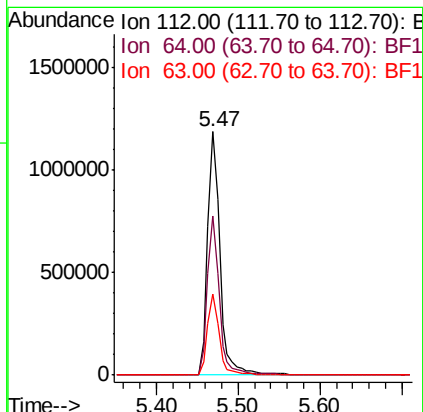
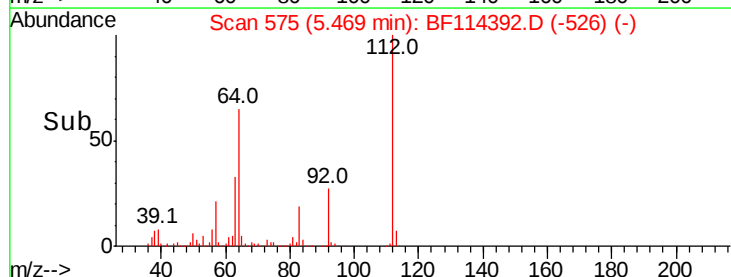
#5

2-Fluorophenol
Concen: 92.161 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF114392.D
Acq: 18 May 2019 15:44

Tgt Ion:112 Resp: 1257542
Ion Ratio Lower Upper
112 100
64 65.2 49.0 73.6
63 33.1 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: 102.458 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114392.D

Acq: 18 May 2019 15:44

Instrument :

BNA_F

ClientSampleId :

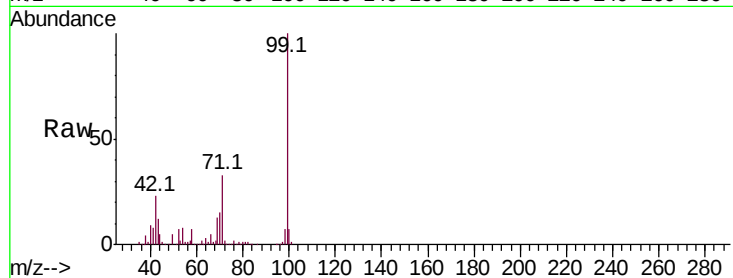
Tot Ion: 99 Resp: 1653512

Ion Ratio Lower Upper

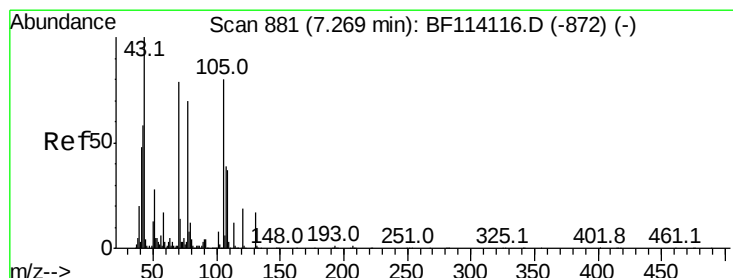
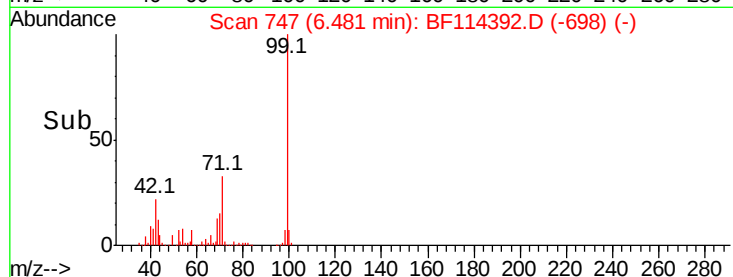
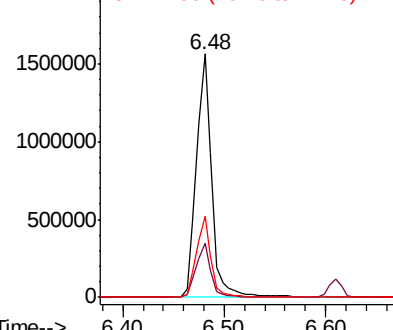
99 100

42 22.5 17.9 26.9

71 33.2 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: 12.855 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF114392.D

Acq: 18 May 2019 15:44

Tgt Ion: 70 Resp: 131493

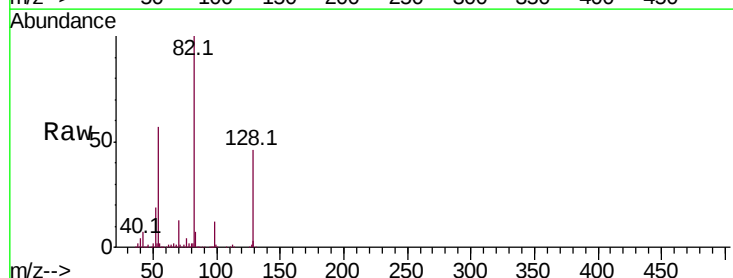
Ion Ratio Lower Upper

70 100

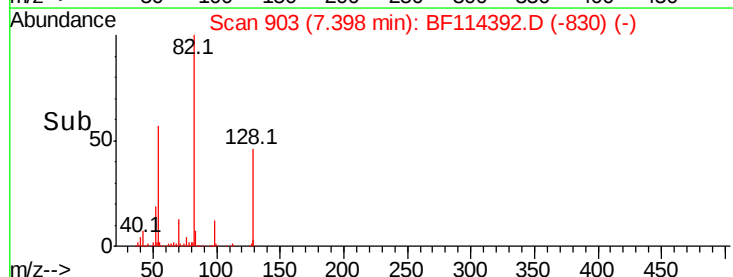
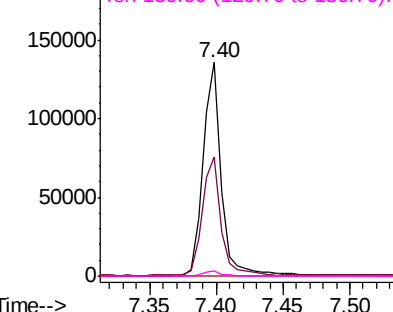
42 55.9 58.6 87.8#

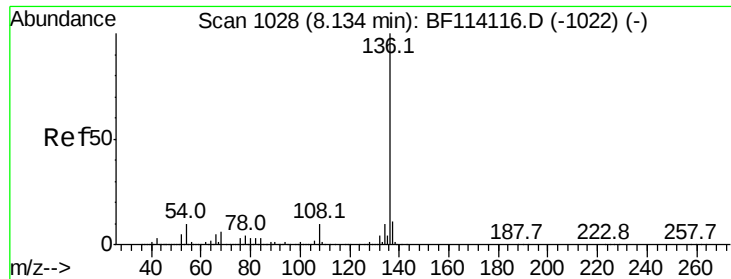
101 0.0 7.8 11.8#

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

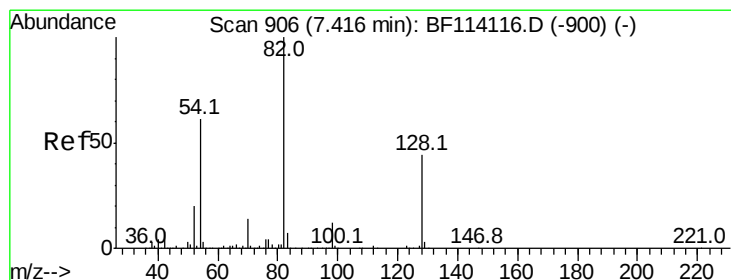
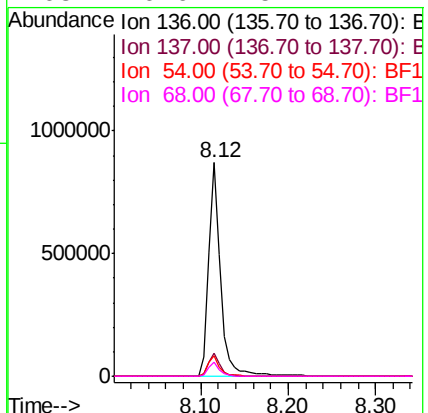
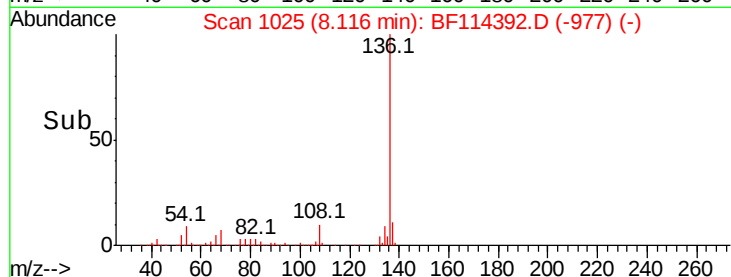
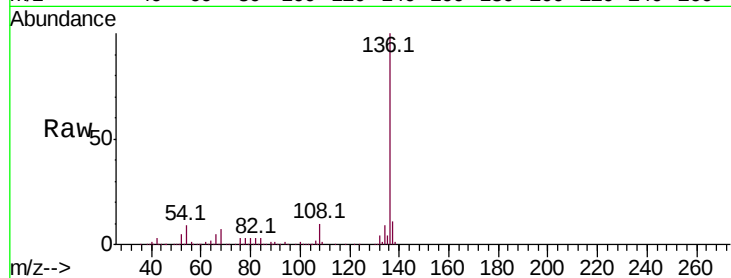




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114392.D
Acq: 18 May 2019 15:44

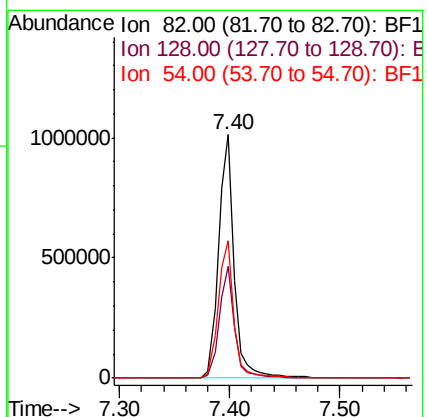
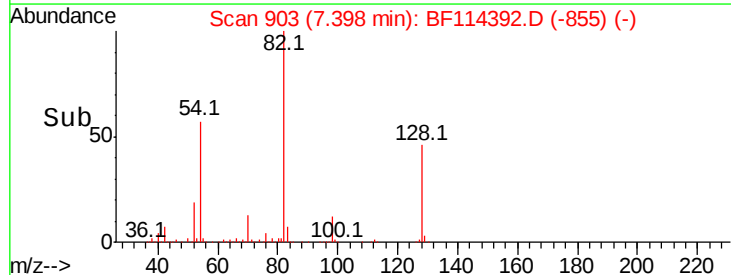
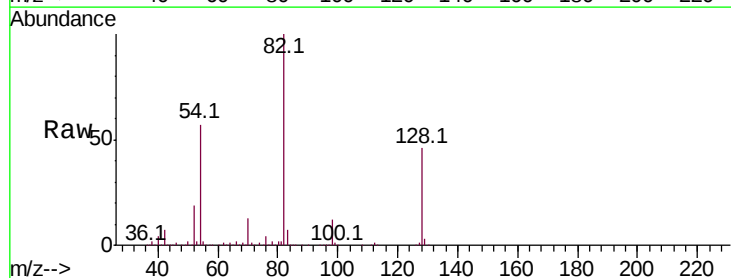
Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	833302
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 9.4	7.8	11.8
68 6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 67.309 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114392.D
Acq: 18 May 2019 15:44

Tgt Ion: 82	Resp:	999435
Ion Ratio	Lower	Upper
82 100		
128 45.9	35.5	53.3
54 56.6	48.5	72.7





#25

Isophorone

Concen: 36.292 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114392.D

Acq: 18 May 2019 15:44

Instrument :

BNA_F

ClientSampleId :

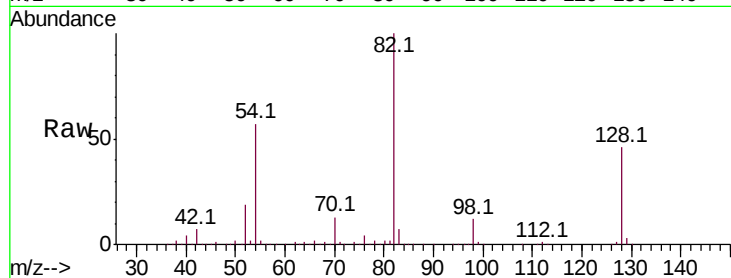
Tot Ion: 82 Resp: 999424

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

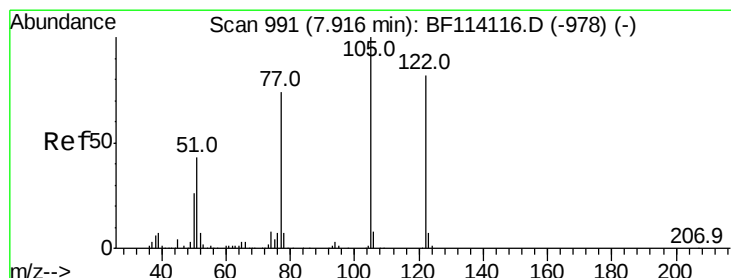
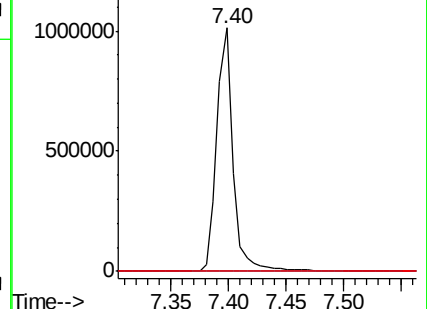
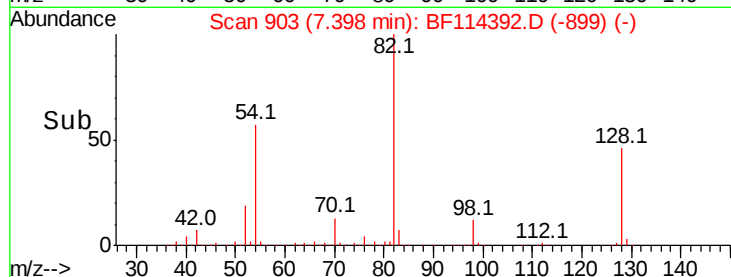
138 0.0 14.8 22.2#



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: 7.033 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.20 min

Lab File: BF114392.D

Acq: 18 May 2019 15:44

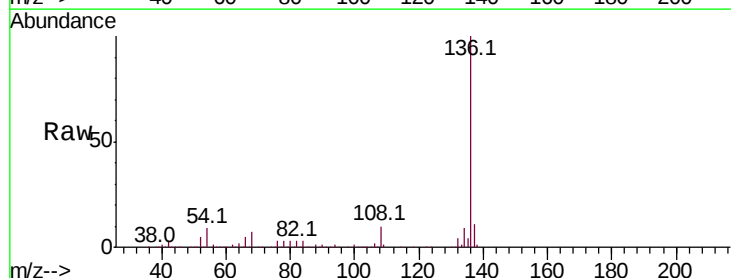
Tgt Ion:122 Resp: 117

Ion Ratio Lower Upper

122 100

105 167.9 99.9 139.9#

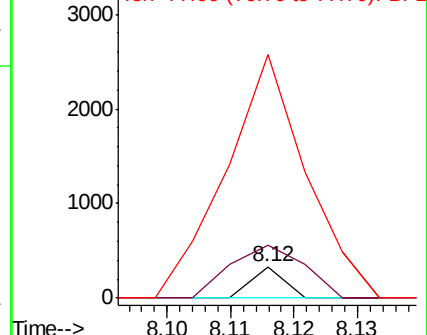
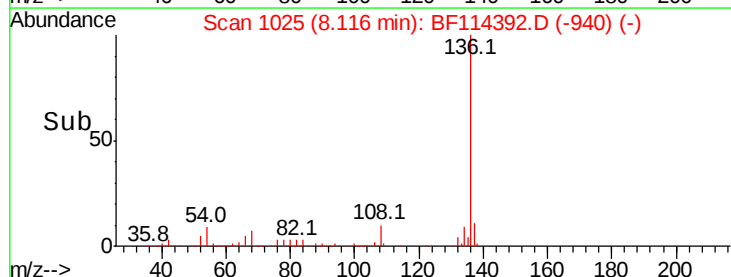
77 773.0 69.4 109.4#

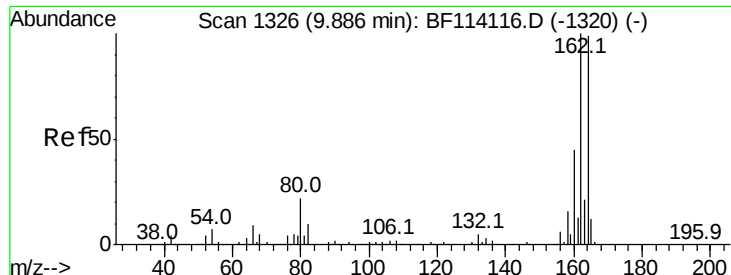


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

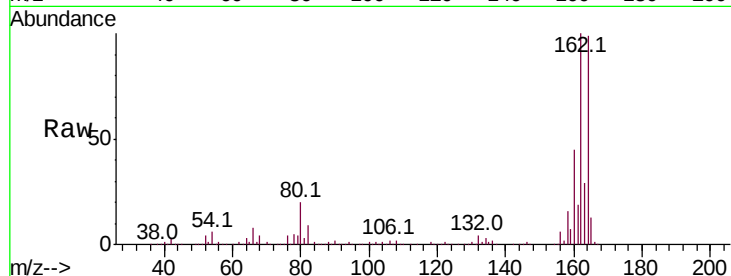




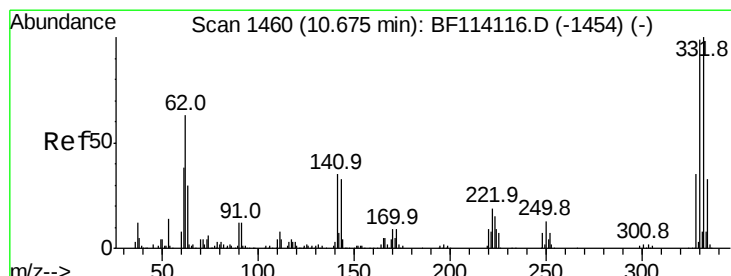
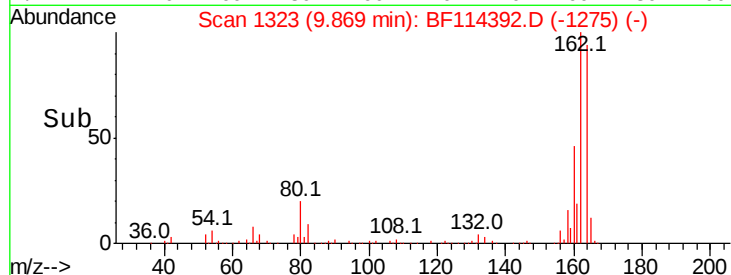
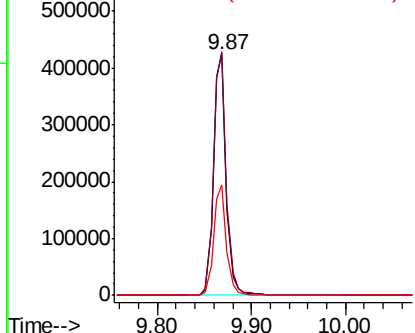
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114392.D
 Acq: 18 May 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 405292
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.6 120.8
 160 46.0 36.5 54.7

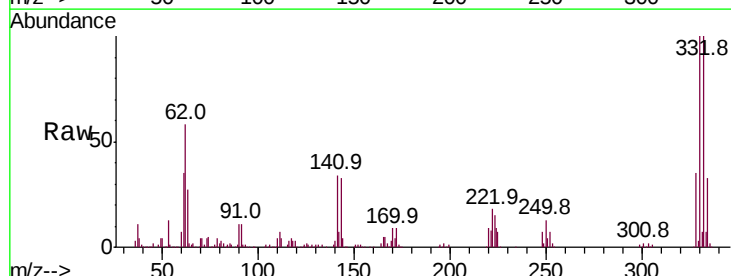


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

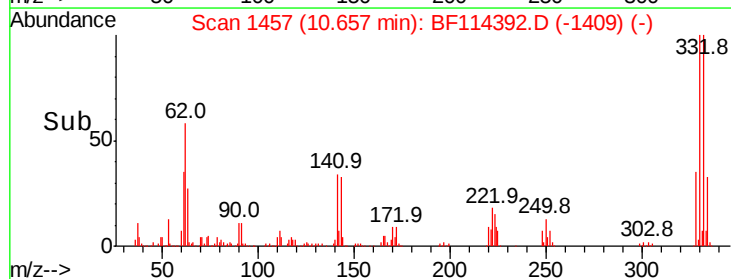
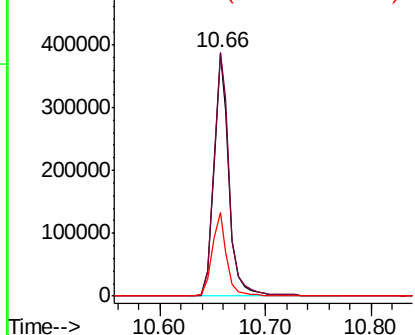


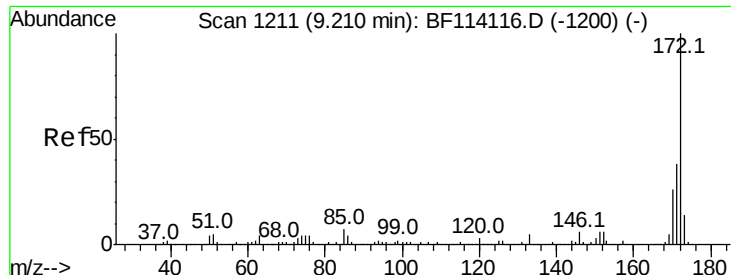
#42
 2,4,6-Tribromophenol
 Concen: 93.297 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF114392.D
 Acq: 18 May 2019 15:44

Tgt Ion:330 Resp: 390919
 Ion Ratio Lower Upper
 330 100
 332 102.6 81.4 122.2
 141 33.3 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



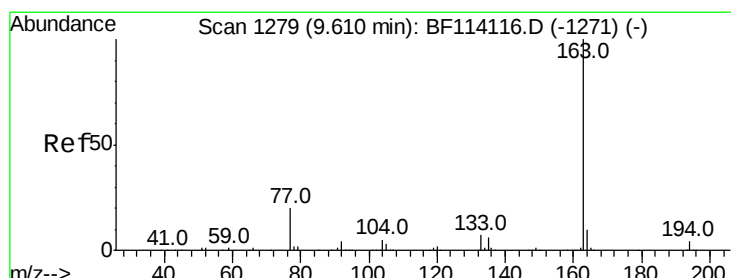
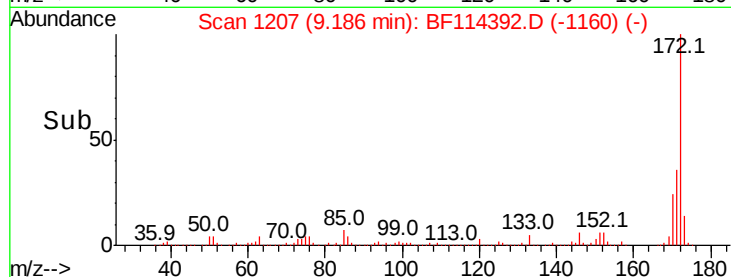
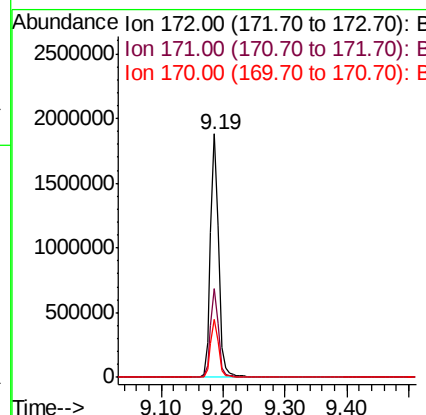
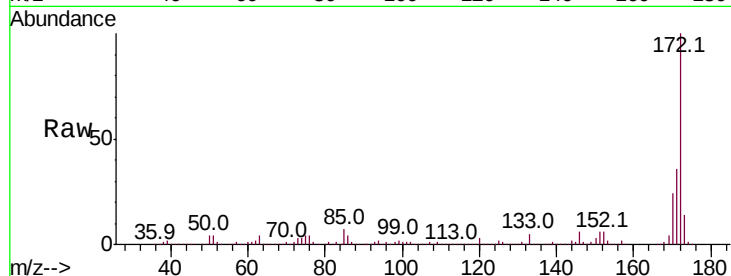


#45
 2-Fluorobiphenyl
 Concen: 64.941 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114392.D
 Acq: 18 May 2019 15:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1739970

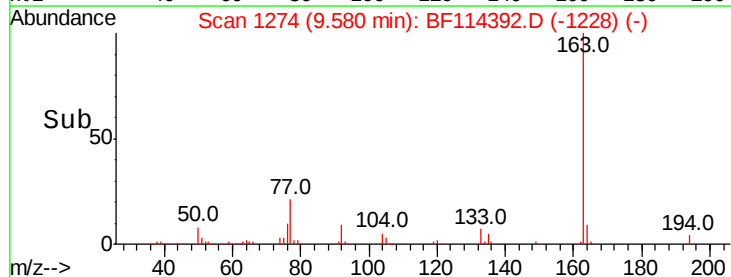
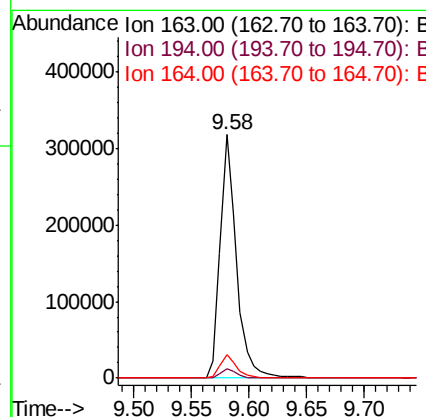
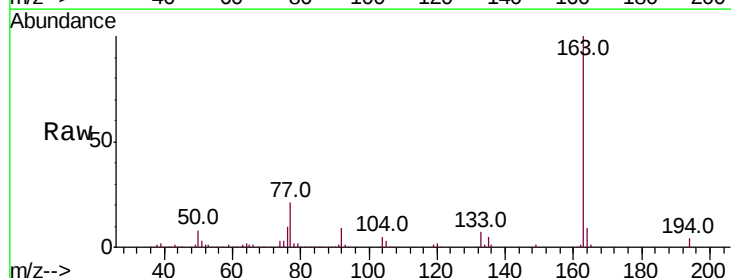
Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	23.9	20.5	30.7

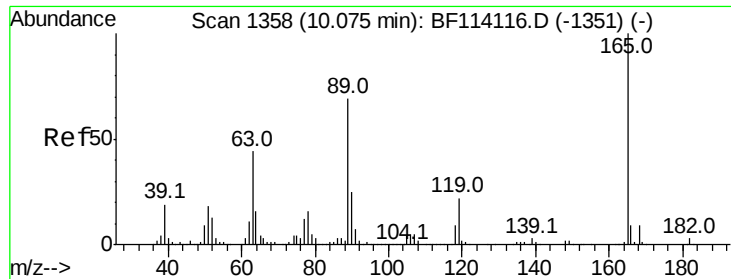


#50
 Dimethylphthalate
 Concen: 10.512 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BF114392.D
 Acq: 18 May 2019 15:44

Tgt Ion:163 Resp: 312753

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	9.5	8.2	12.2

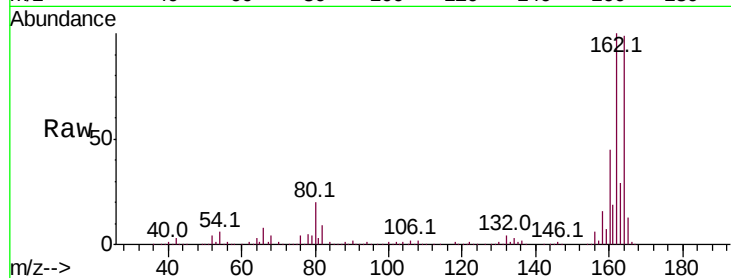




#57
 2,4-Dinitrotoluene
 Concen: 5.722 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF114392.D
 Acq: 18 May 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#



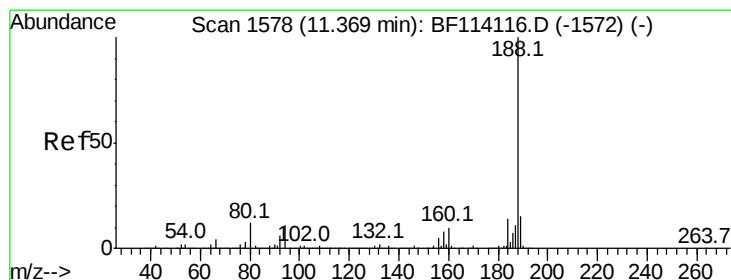
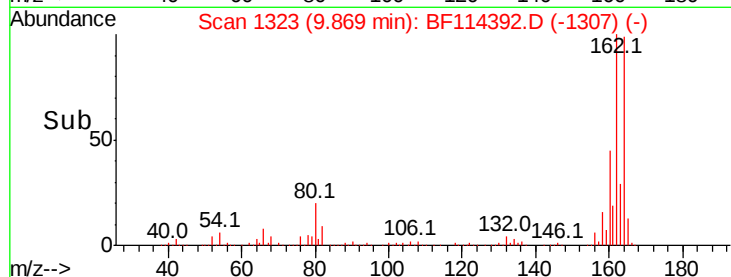
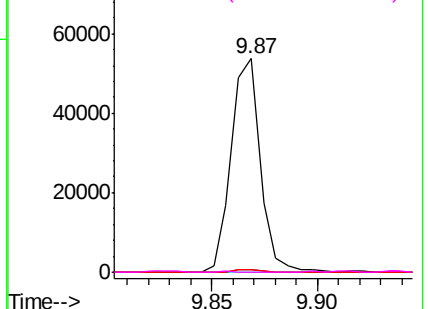
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

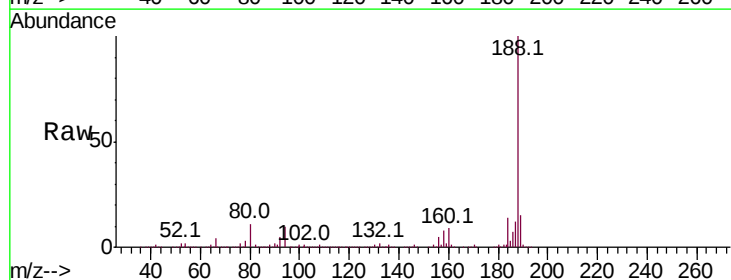
Ion 89.00 (88.70 to 89.70): BF1

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: BF114392.D
 Acq: 18 May 2019 15:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.4	12.6
80	10.5	9.2	13.8

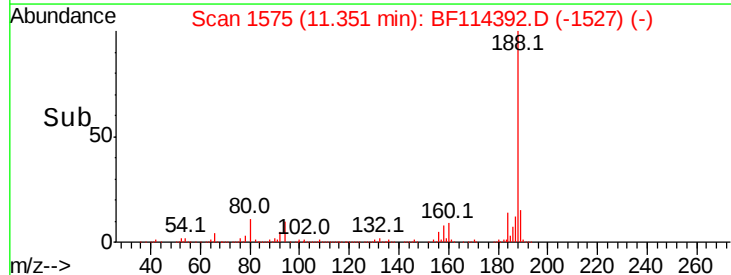
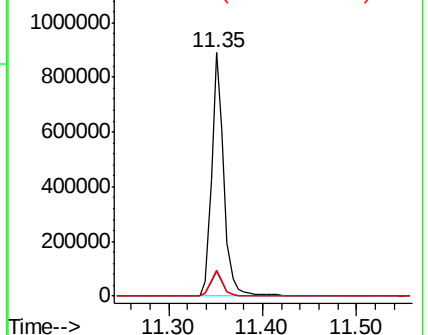


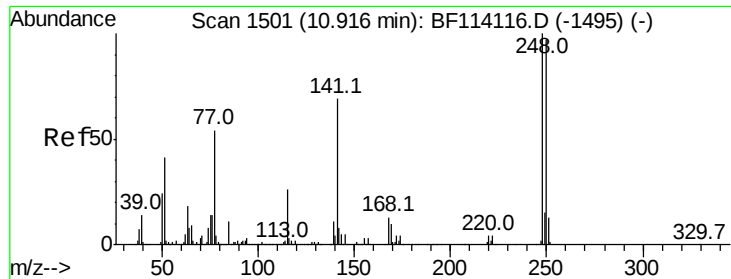
Abundance

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: 2.866 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.26 min

Lab File: BF114392.D

Acq: 18 May 2019 15:44

Instrument :

BNA_F

ClientSampleId :

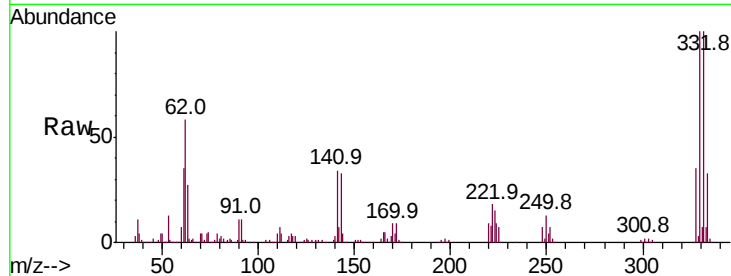
Tot Ion:248 Resp: 25909

Ion Ratio Lower Upper

248 100

250 193.5 77.4 116.2#

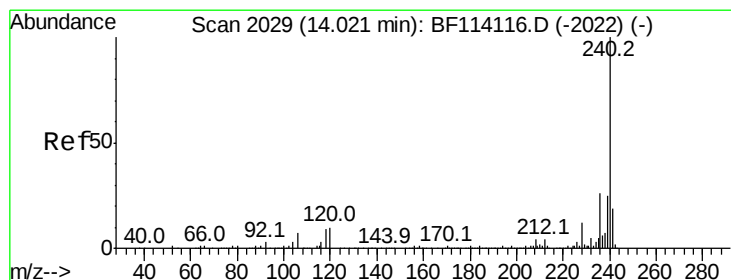
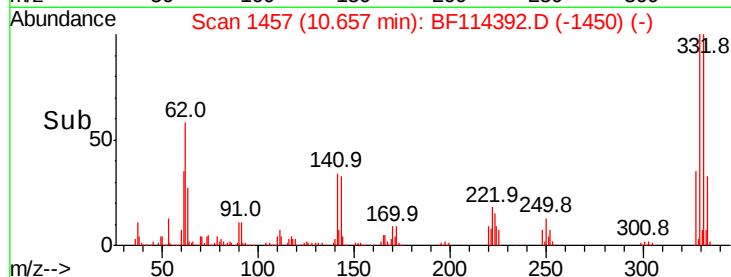
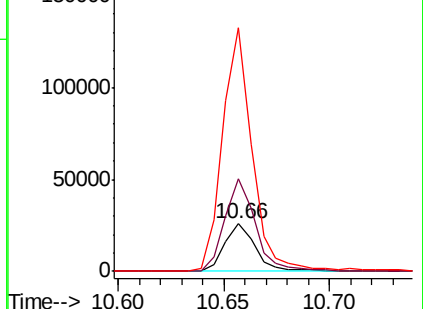
141 511.4 55.6 83.4#



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: BF114392.D

Acq: 18 May 2019 15:44

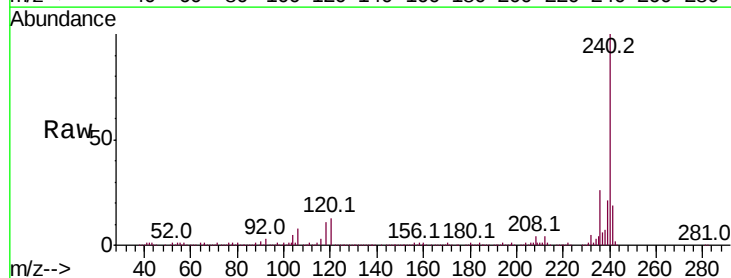
Tgt Ion:240 Resp: 579253

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

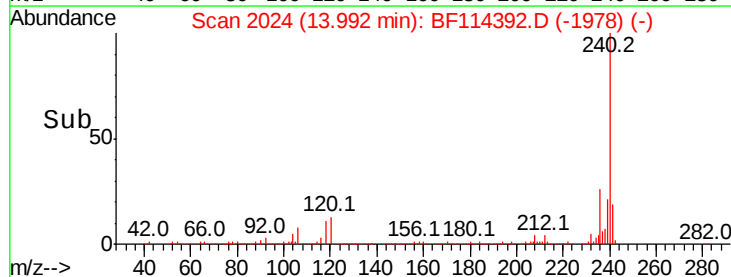
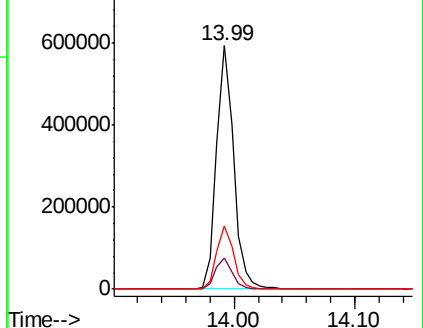
236 26.2 20.8 31.2

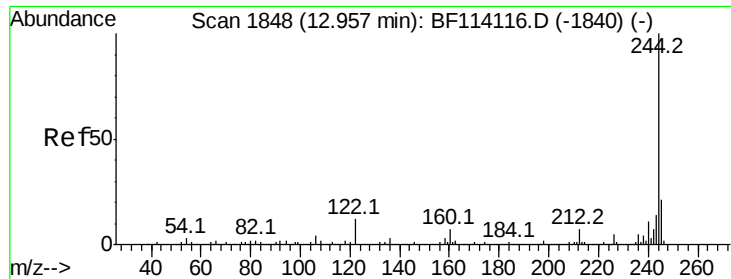


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



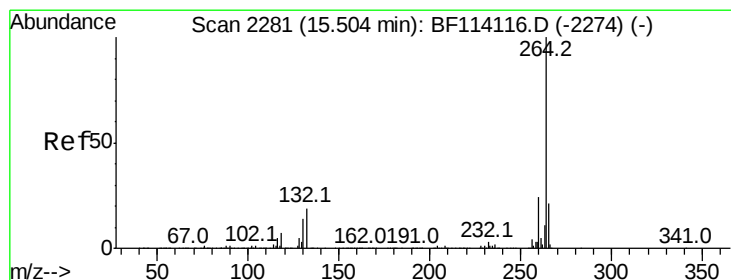
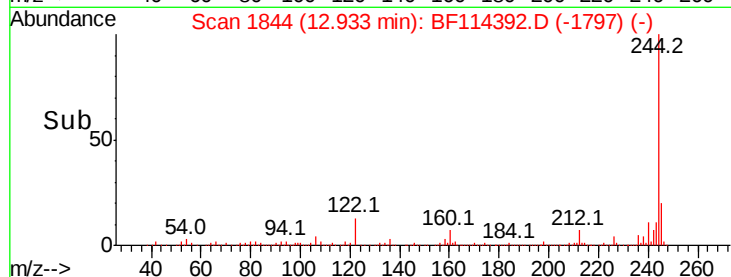
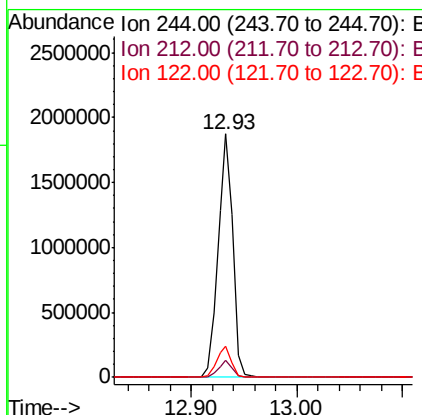
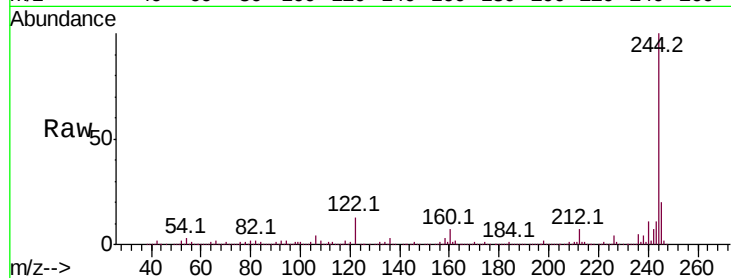


#79
 Terphenyl-d14
 Concen: 65.466 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF114392.D
 Acq: 18 May 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1839565

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.0	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.04 min
 Lab File: BF114392.D
 Acq: 18 May 2019 15:44

Tgt Ion:264 Resp: 553434

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.8	16.9	25.3

