

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114390.D
 Acq On : 18 May 2019 14:52
 Operator : JU/SJ
 Sample : K2905-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:09:54 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

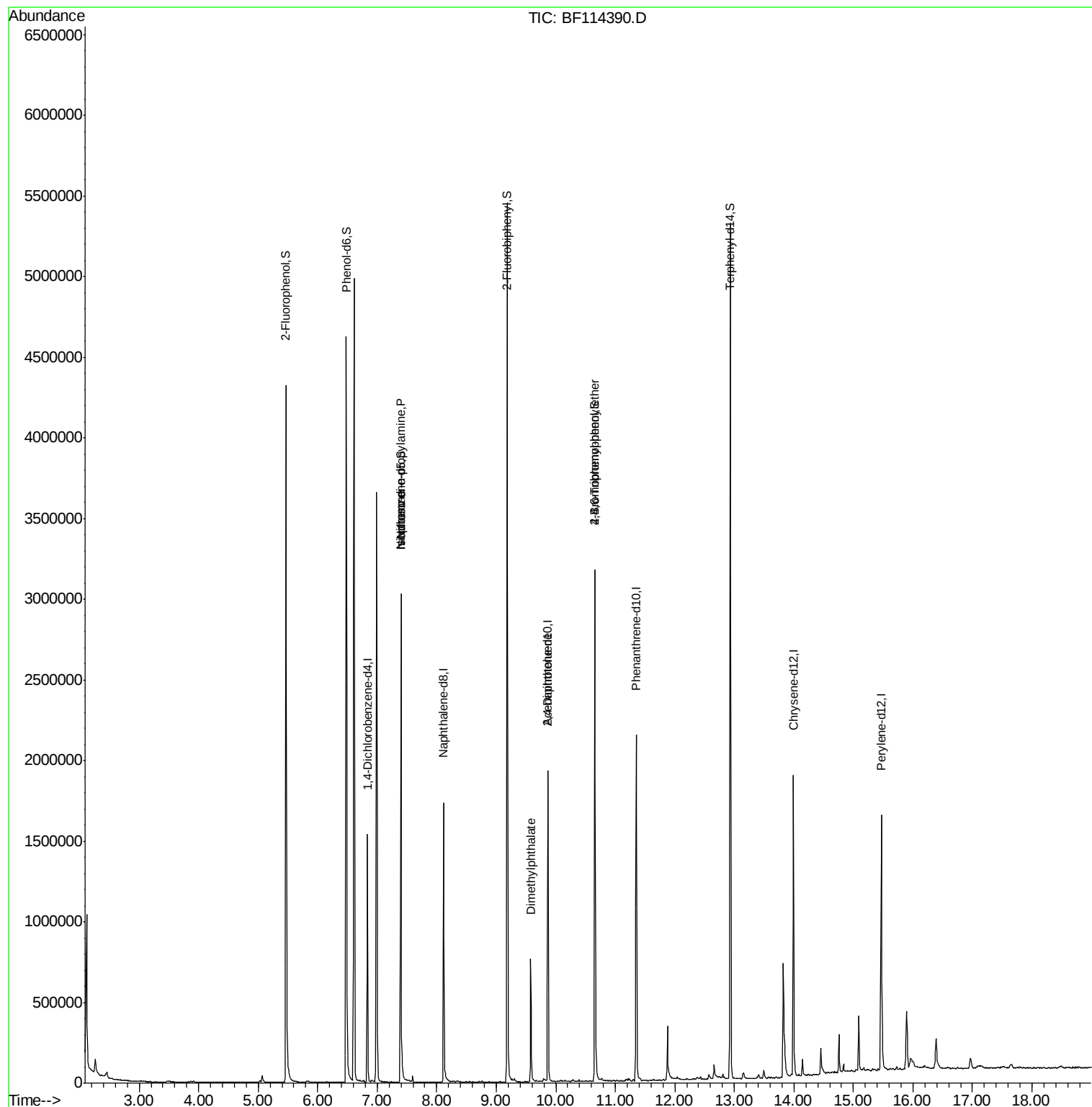
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	216763	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	846376	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	408354	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	849891	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	657901	20.00	ng	-0.03
87) Perylene-d12	15.47	264	626831	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1241887	92.20	ng	-0.01
7) Phenol-d6	6.48	99	1640403	102.97	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1012177	67.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	402566	95.36	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1742040	64.53	ng	-0.02
79) Terphenyl-d14	12.93	244	1866801	58.49	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	131988	13.071	ng	# 77
25) Isophorone	7.40	82	1012256	36.191	ng	# 64
50) Dimethylphthalate	9.58	163	335702	11.199	ng	99
57) 2,4-Dinitrotoluene	9.87	165	51571	5.715	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	26145	2.794	ng	# 1

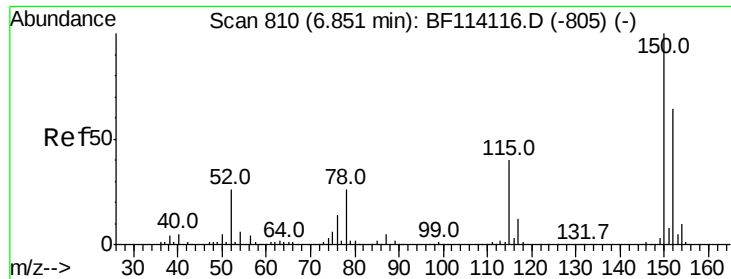
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
Data File : BF114390.D
Acq On : 18 May 2019 14:52
Operator : JU/SJ
Sample : K2905-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 20 04:09:54 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



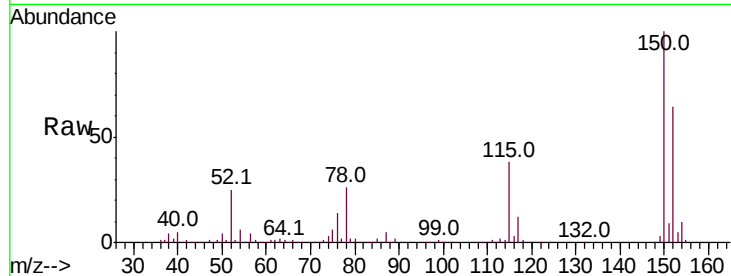


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114390.D
Acq: 18 May 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.3	186.5
115	59.2	49.1	73.7

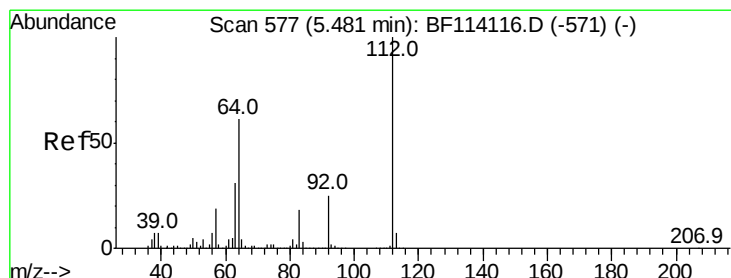
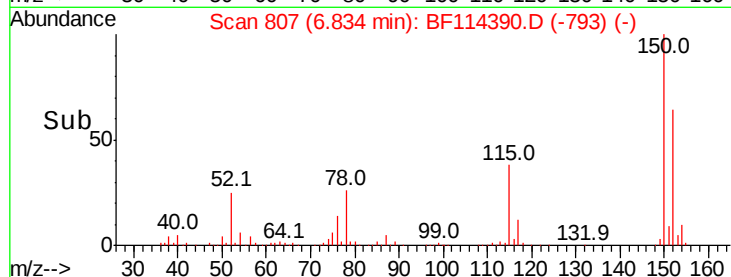
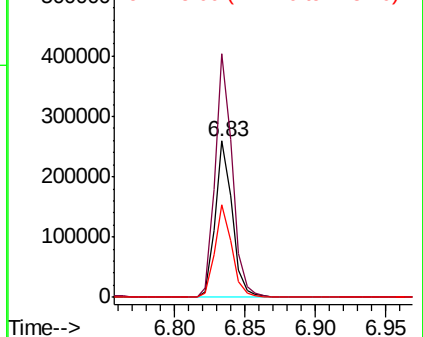


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

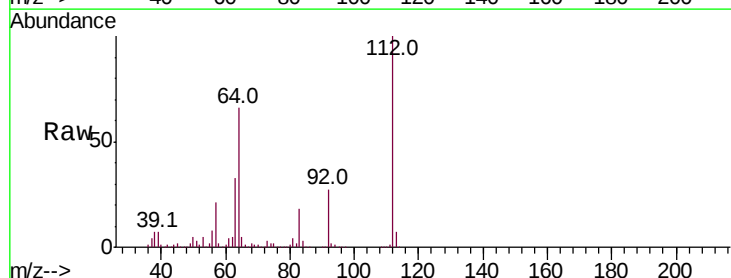
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.198 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF114390.D
Acq: 18 May 2019 14:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	49.0	73.6
63	33.2	24.6	37.0

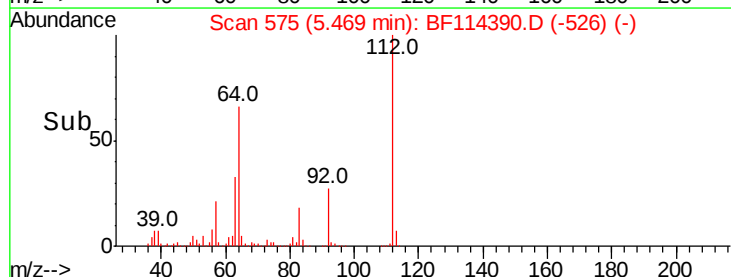
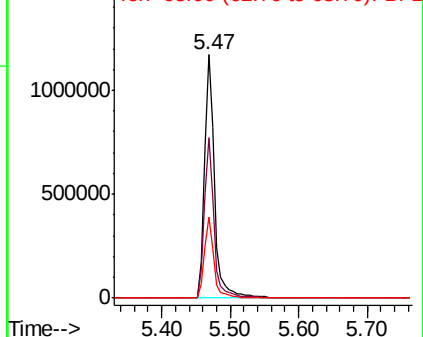


Abundance

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: 102.969 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114390.D

Acq: 18 May 2019 14:52

Instrument :

BNA_F

ClientSampleId :

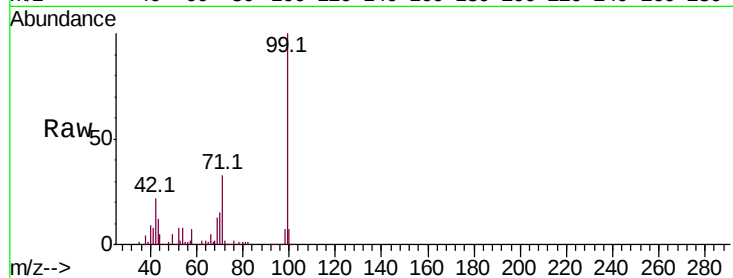
Tot Ion: 99 Resp: 1640403

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

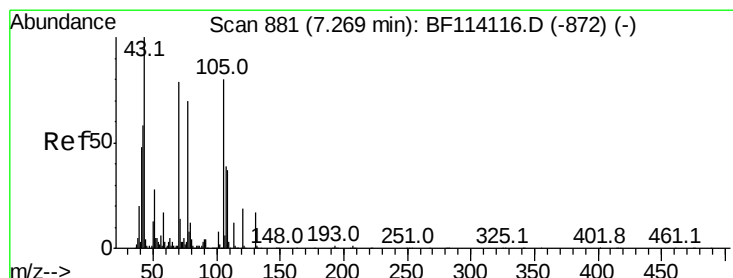
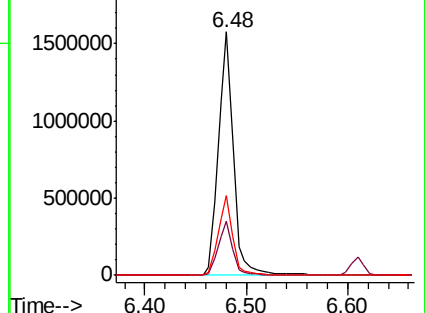
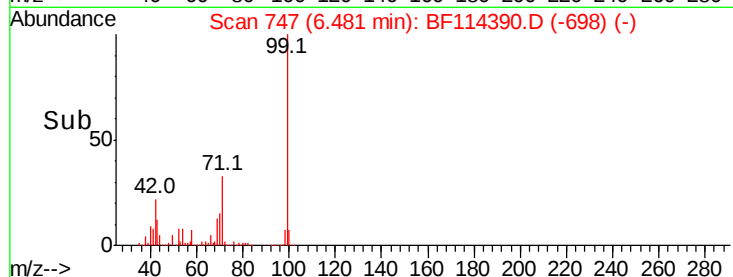
71 32.8 26.2 39.2



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: 13.071 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF114390.D

Acq: 18 May 2019 14:52

Tgt Ion: 70 Resp: 131988

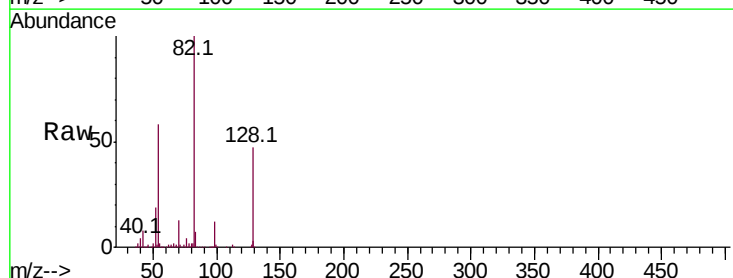
Ion Ratio Lower Upper

70 100

42 58.4 58.6 87.8#

101 0.0 7.8 11.8#

130 2.5 17.1 25.7#

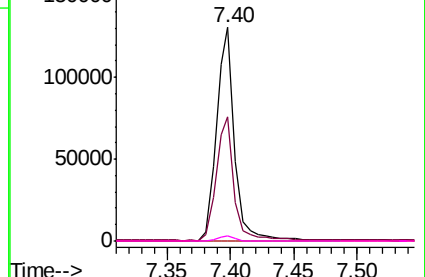
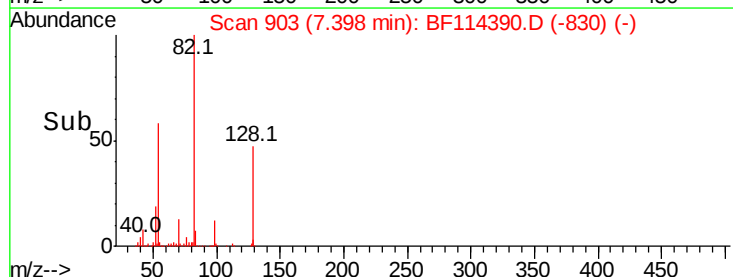


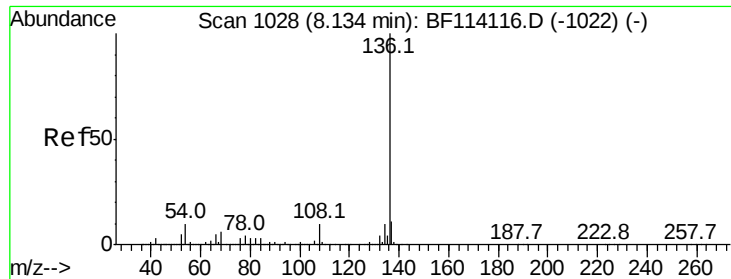
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

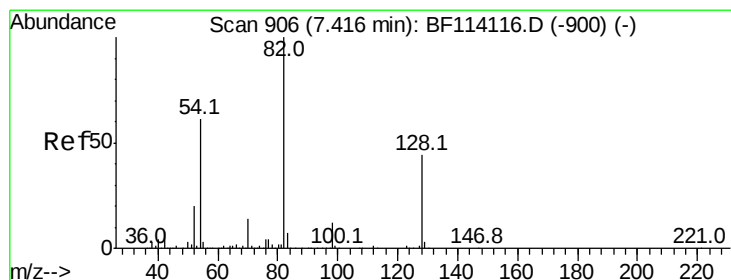
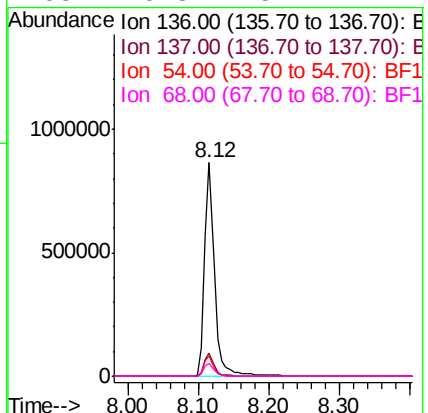
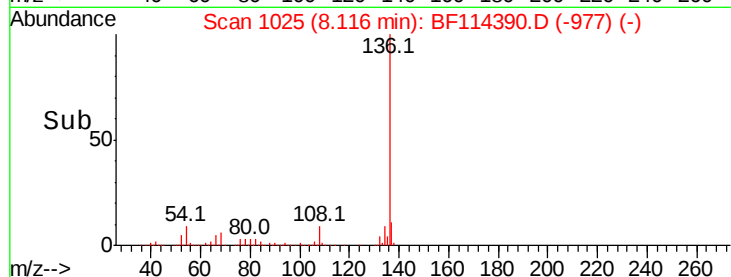
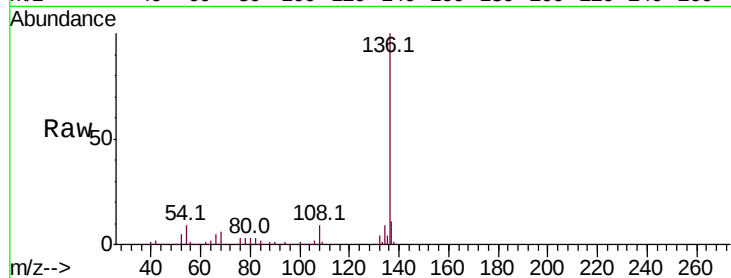




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114390.D
Acq: 18 May 2019 14:52

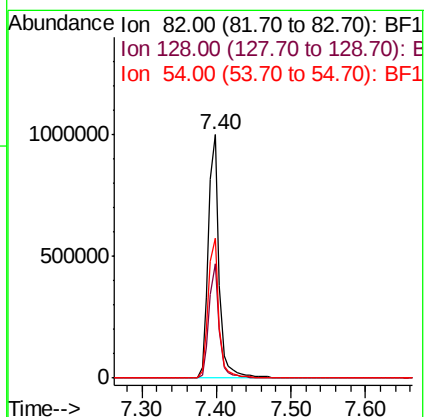
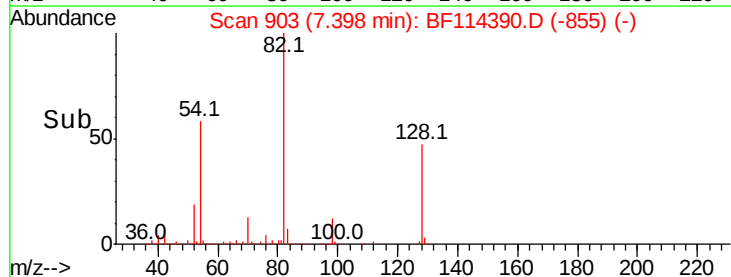
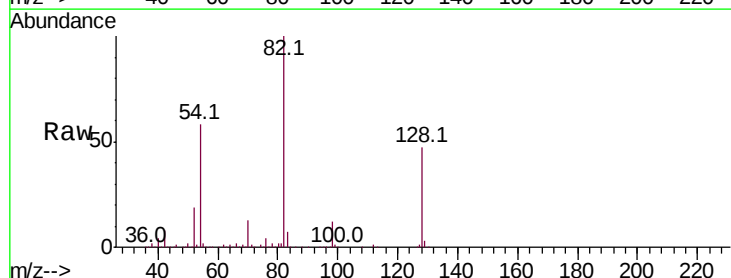
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	846376
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 9.5	7.8	11.8
68 6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 67.114 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114390.D
Acq: 18 May 2019 14:52

Tgt Ion: 82	Resp: 1012177
Ion Ratio	Lower Upper
82 100	
128 46.8	35.5 53.3
54 57.6	48.5 72.7





#25

Isophorone

Concen: 36.191 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114390.D

Acq: 18 May 2019 14:52

Instrument :

BNA_F

ClientSampleId :

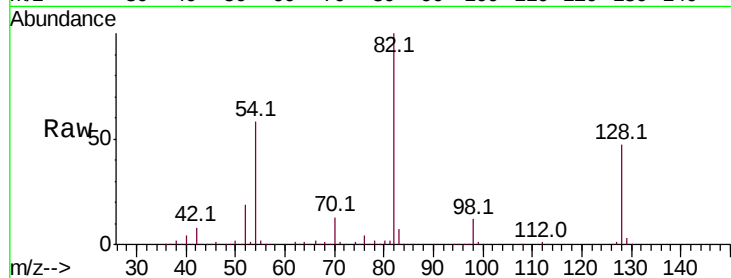
Tot Ion: 82 Resp: 1012256

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

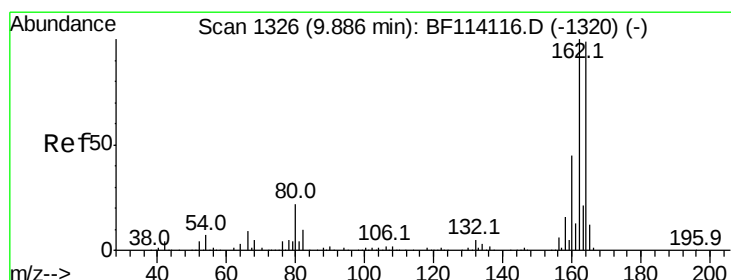
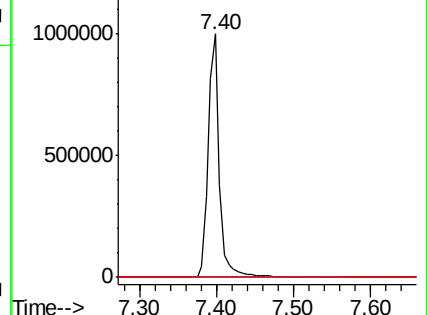
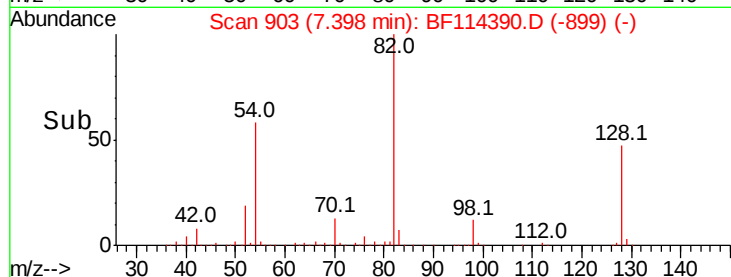
138 0.0 14.8 22.2#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF114390.D

Acq: 18 May 2019 14:52

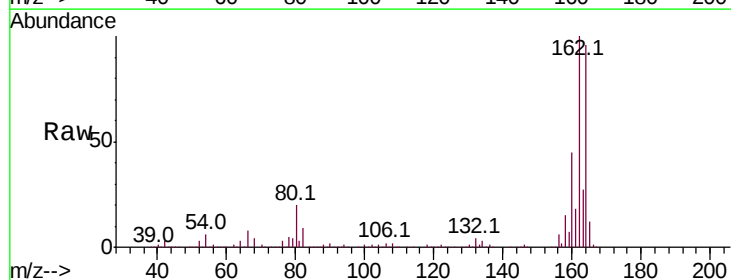
Tgt Ion:164 Resp: 408354

Ion Ratio Lower Upper

164 100

162 104.0 80.6 120.8

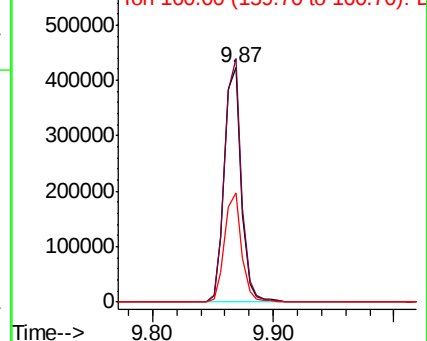
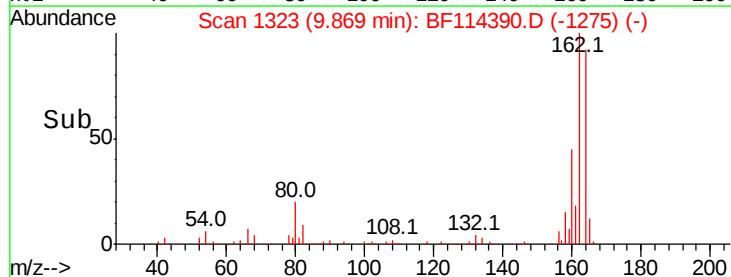
160 46.7 36.5 54.7

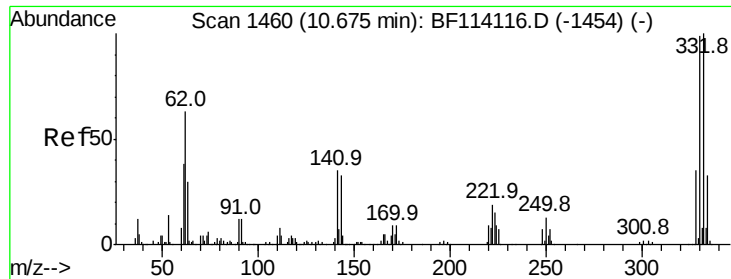


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

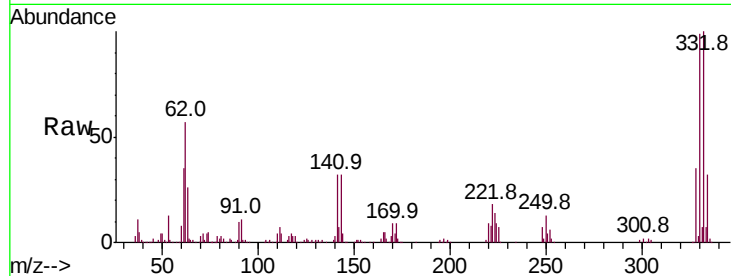




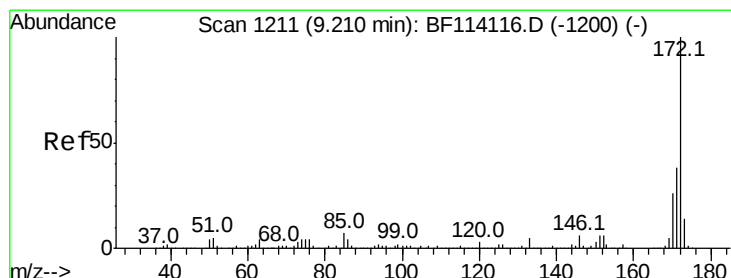
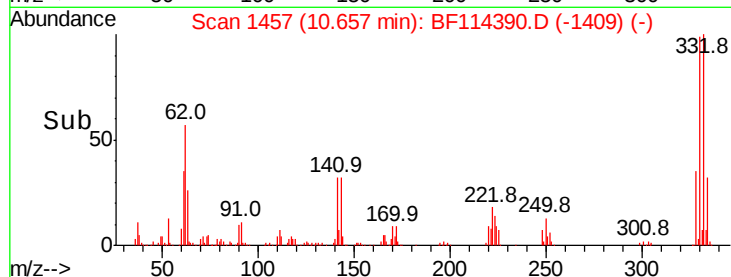
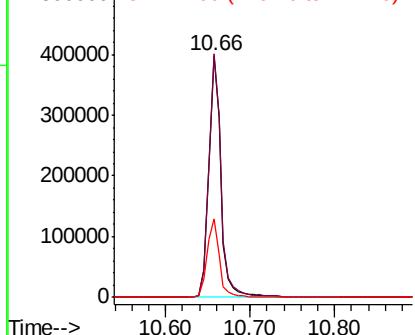
#42
 2,4,6-Tribromophenol
 Concen: 95.356 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF114390.D
 Acq: 18 May 2019 14:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.9	81.4	122.2
141	32.6	26.6	40.0

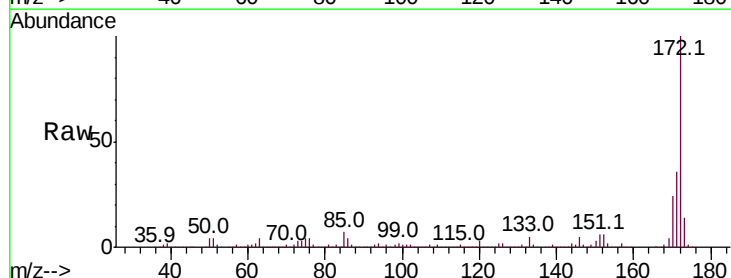


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

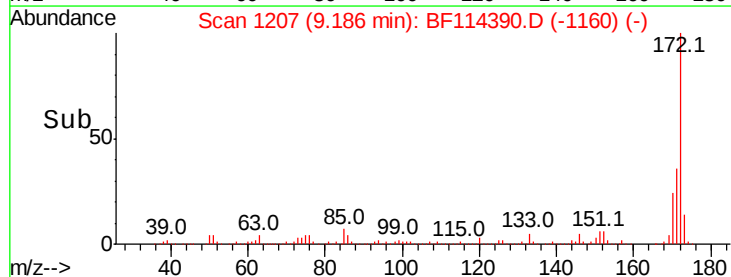
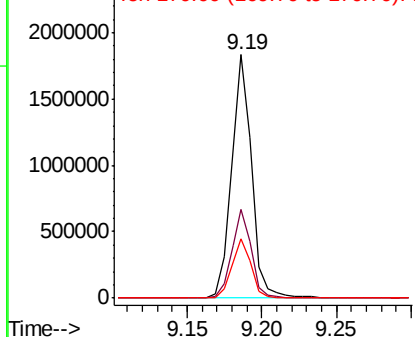


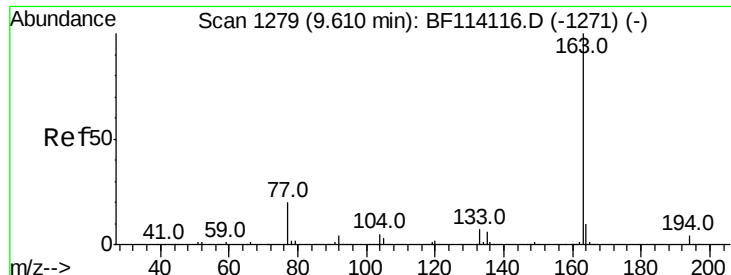
#45
 2-Fluorobiphenyl
 Concen: 64.530 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114390.D
 Acq: 18 May 2019 14:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.7	46.1
170	24.1	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

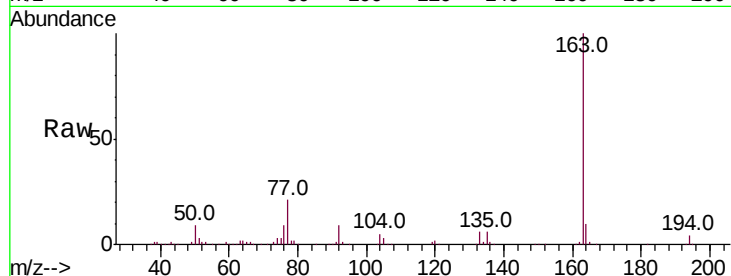




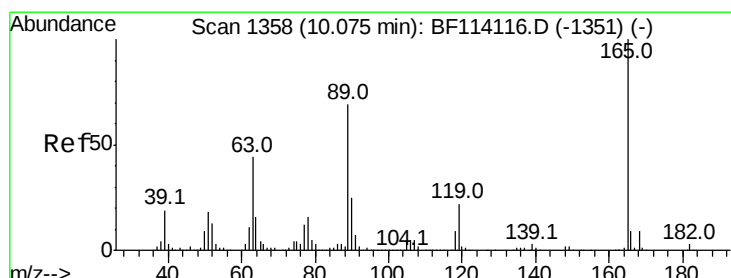
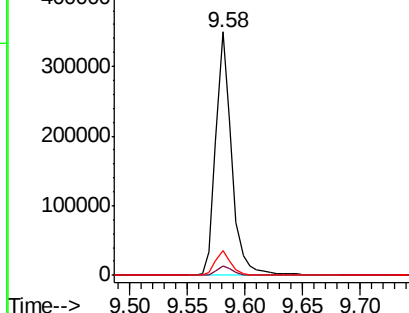
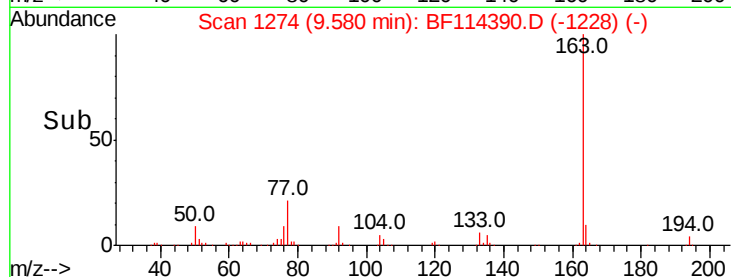
#50
Dimethylphthalate
Concen: 11.199 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF114390.D
Acq: 18 May 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 335702
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.3 8.2 12.2

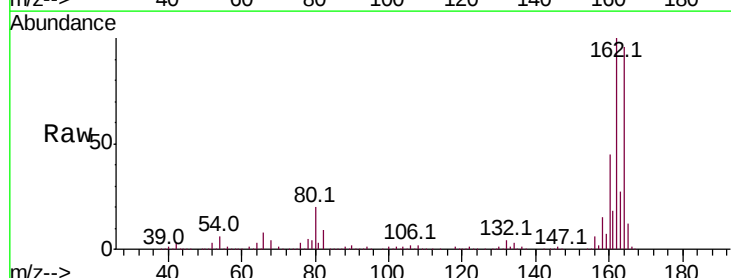


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

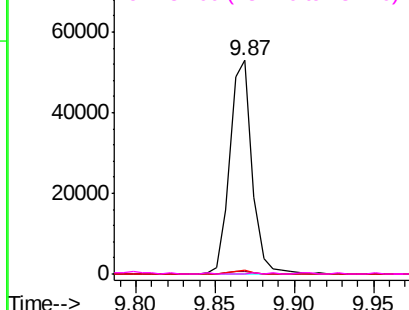
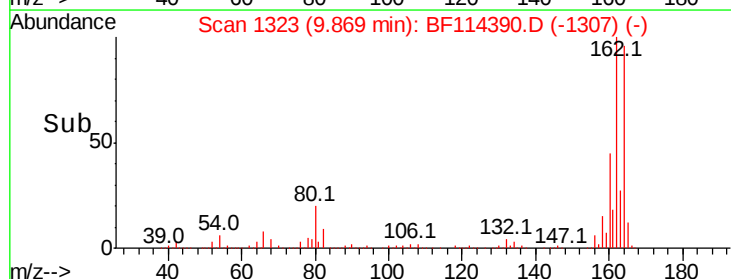


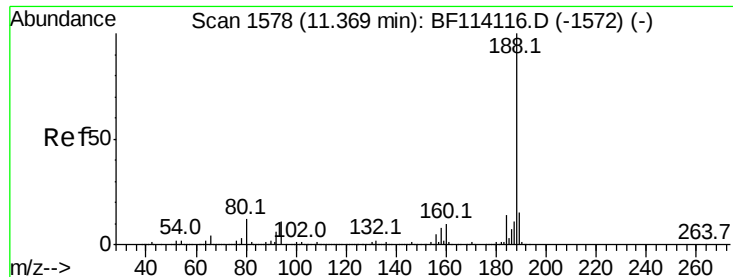
#57
2,4-Dinitrotoluene
Concen: 5.715 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF114390.D
Acq: 18 May 2019 14:52

Tgt Ion:165 Resp: 51571
Ion Ratio Lower Upper
165 100
63 1.4 35.5 53.3#
89 1.6 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

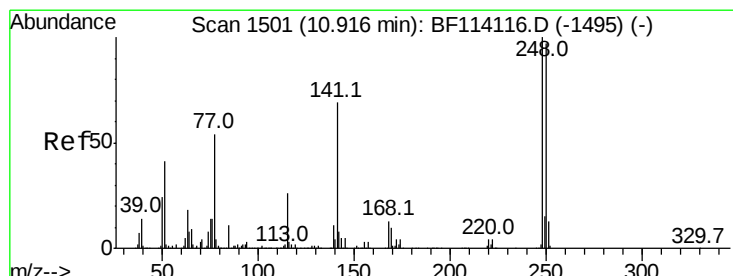
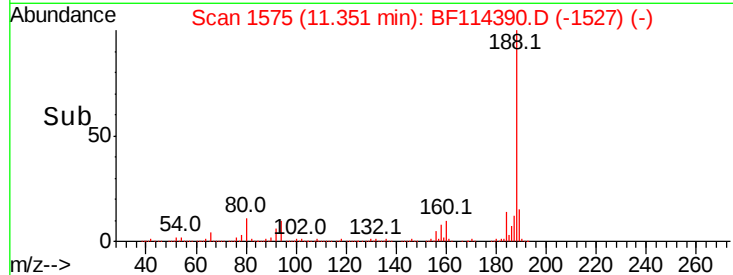
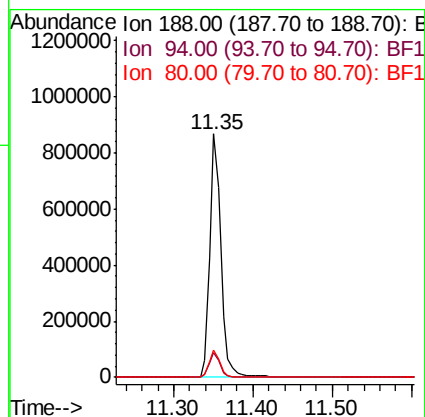
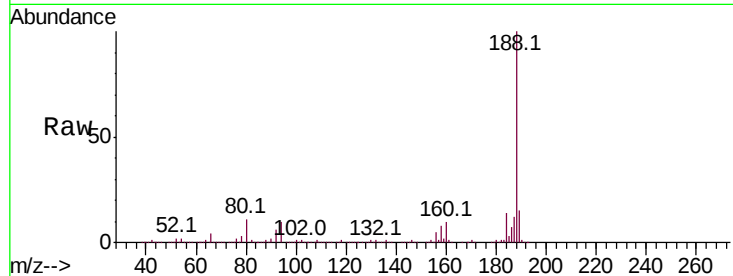




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114390.D
Acq: 18 May 2019 14:52

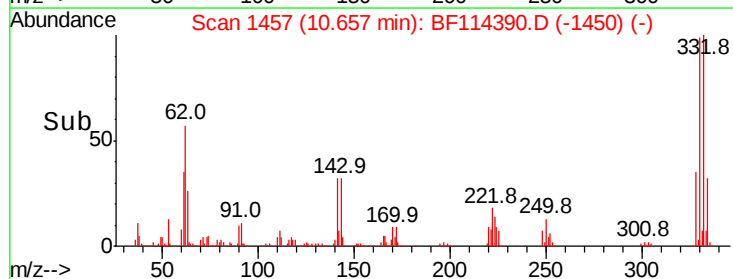
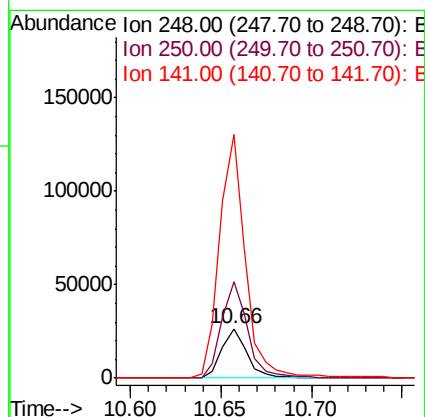
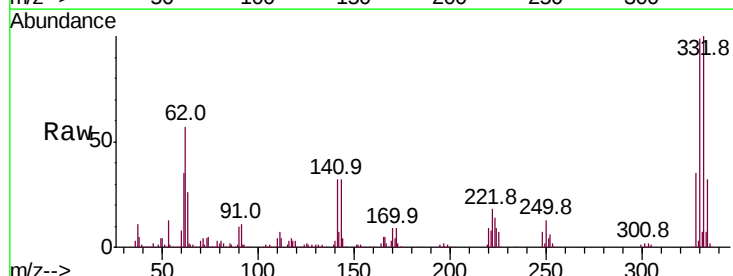
Instrument :
BNA_F
ClientSampled :

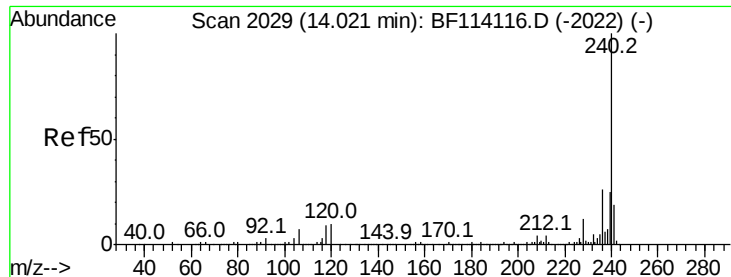
Tot Ion:188 Resp: 849891
Ion Ratio Lower Upper
188 100
94 10.4 8.4 12.6
80 11.4 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 2.794 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.26 min
Lab File: BF114390.D
Acq: 18 May 2019 14:52

Tgt Ion:248 Resp: 26145
Ion Ratio Lower Upper
248 100
250 196.0 77.4 116.2#
141 492.1 55.6 83.4#

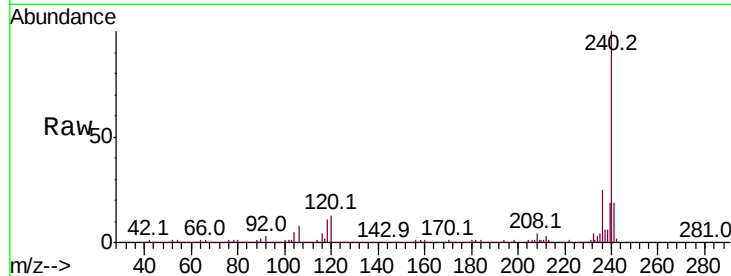




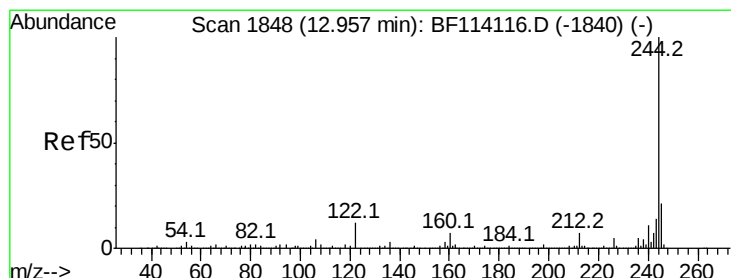
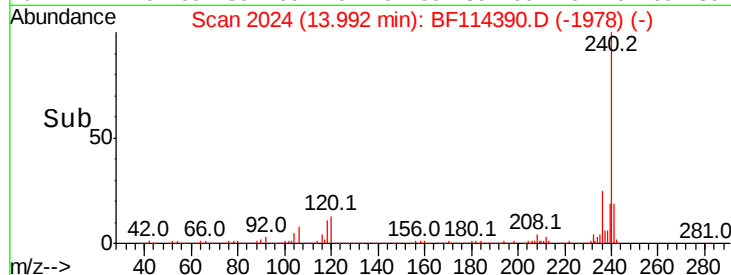
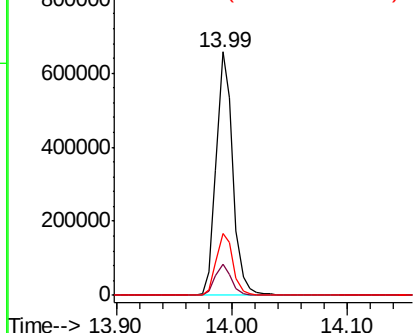
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.03 min
 Lab File: BF114390.D
 Acq: 18 May 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 657901
 Ion Ratio Lower Upper
 240 100
 120 12.7 8.3 12.5#
 236 25.3 20.8 31.2

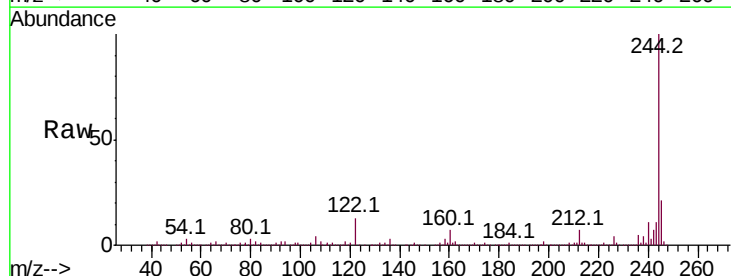


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

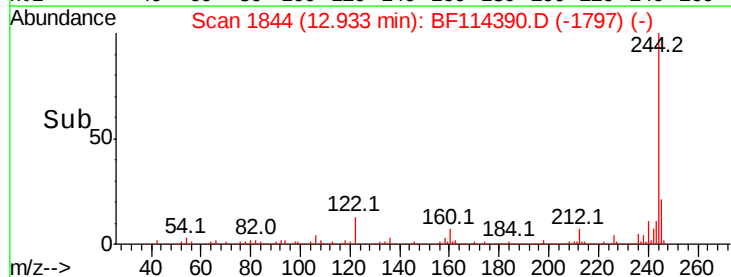
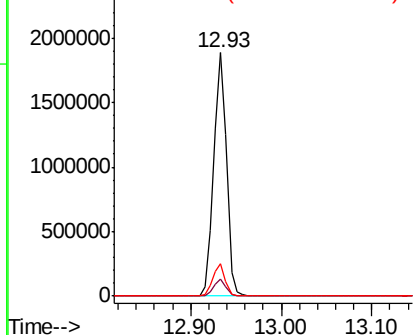


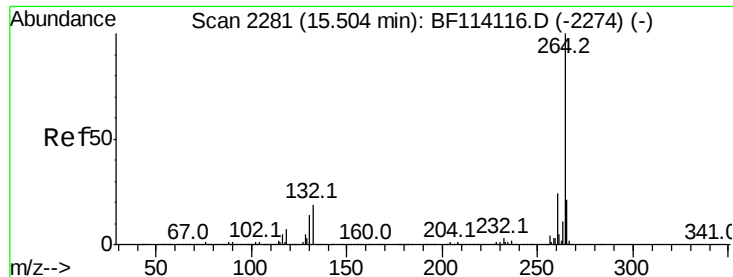
#79
 Terphenyl-d14
 Concen: 58.493 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF114390.D
 Acq: 18 May 2019 14:52

Tgt Ion:244 Resp: 1866801
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 13.1 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.04 min
 Lab File: BF114390.D
 Acq: 18 May 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.2	16.9	25.3

