

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116947.D
 Acq On : 11 Sep 2019 3:53
 Operator : HP/JU
 Sample : K4719-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 05:23:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

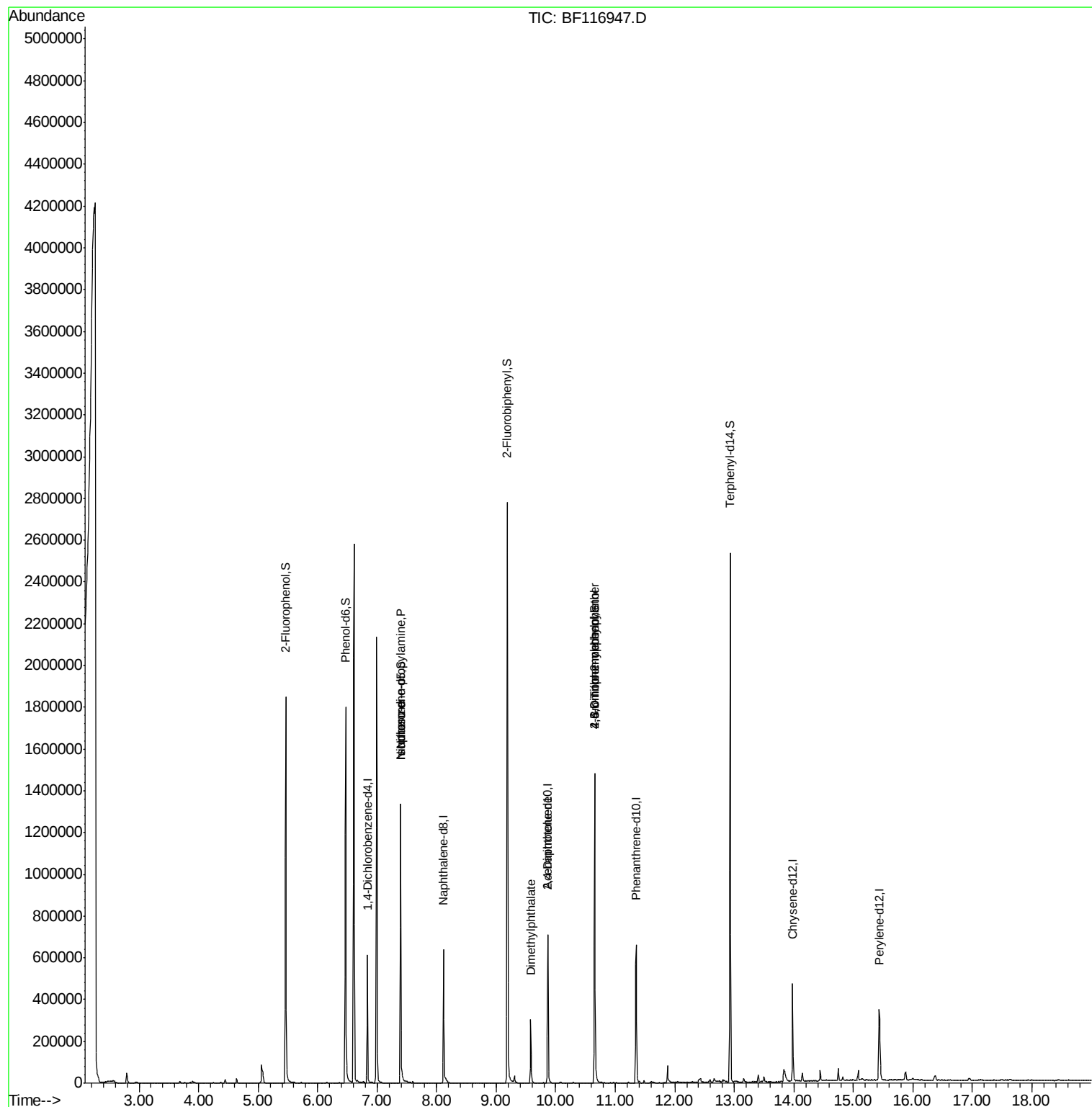
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	84453	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	333279	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	166986	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	265548	20.00	ng	0.00
76) Chrysene-d12	13.98	240	159396	20.00	ng	0.00
87) Perylene-d12	15.43	264	174292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	606513	116.35	ng	0.02
7) Phenol-d6	6.47	99	731295	106.83	ng	0.00
23) Nitrobenzene-d5	7.39	82	559740	95.88	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	183394	164.28	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	954850	96.46	ng	0.00
79) Terphenyl-d14	12.93	244	822366	95.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	74554	16.541	ng	# 73
25) Isophorone	7.39	82	559737	47.315	ng	# 66
50) Dimethylphthalate	9.58	163	146637	12.719	ng	97
57) 2,4-Dinitrotoluene	9.87	165	21409	7.960	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.66	198	273	7.687	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	11691	4.334	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
Data File : BF116947.D
Acq On : 11 Sep 2019 3:53
Operator : HP/JU
Sample : K4719-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 11 05:23:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration



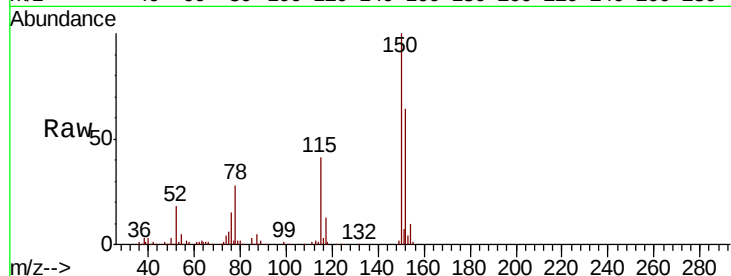


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116947.D
Acq: 11 Sep 2019 3:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.4	186.6
115	64.5	49.9	74.9

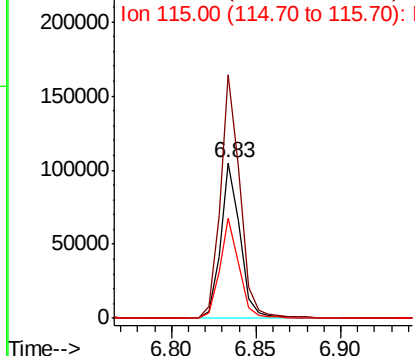
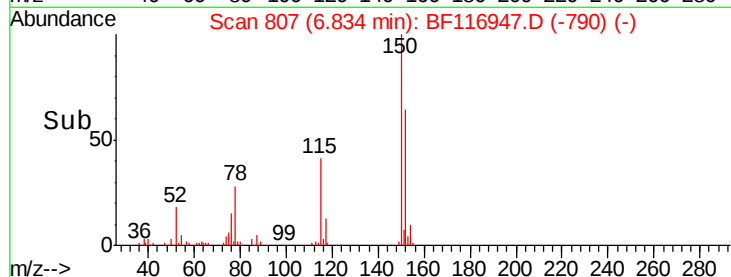


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

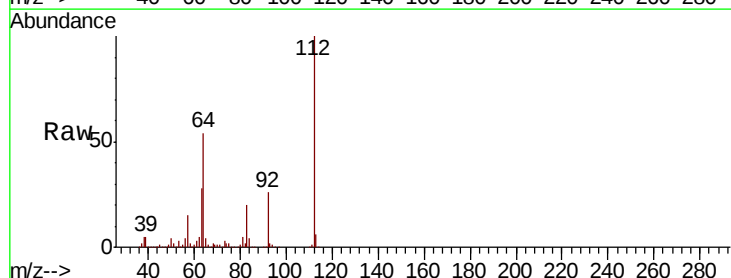
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.347 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF116947.D
Acq: 11 Sep 2019 3:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.1	70.7
63	28.0	24.9	37.3

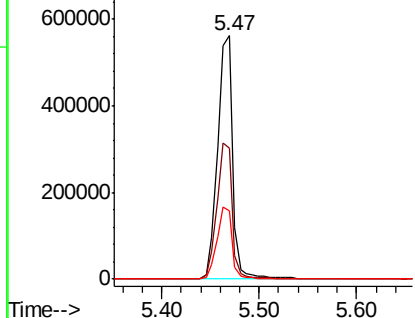
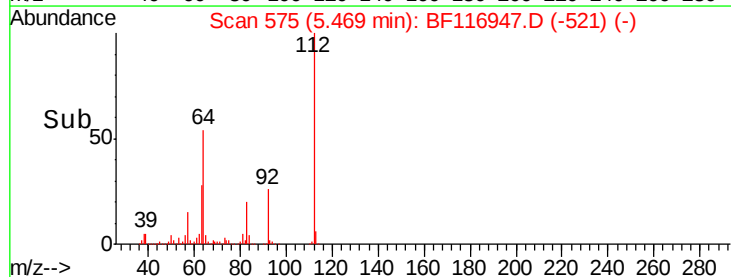


Abundance

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: 106.833 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116947.D

Acq: 11 Sep 2019 3:53

Instrument :

BNA_F

ClientSampleId :

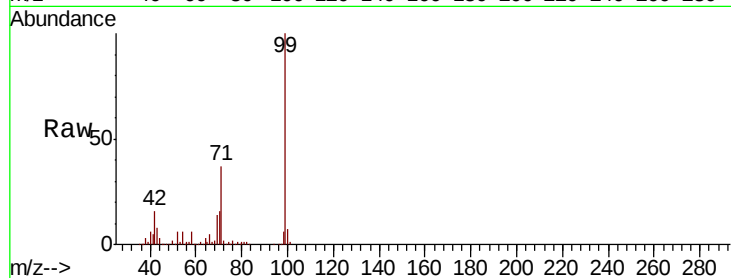
Tot Ion: 99 Resp: 731295

Ion Ratio Lower Upper

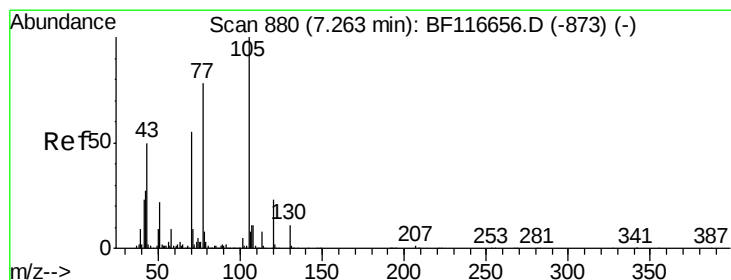
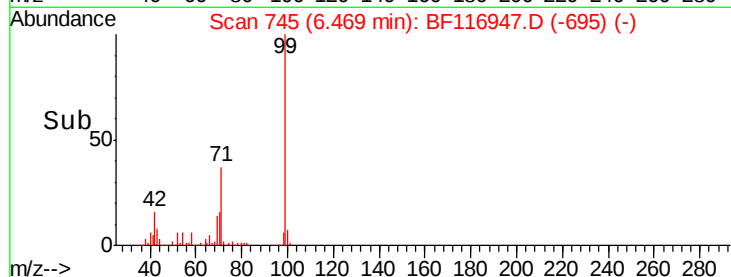
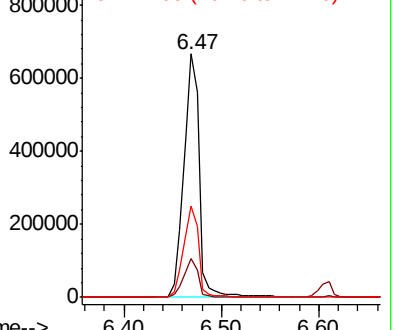
99 100

42 15.9 13.7 20.5

71 37.3 30.8 46.2



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: 16.541 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF116947.D

Acq: 11 Sep 2019 3:53

Tgt Ion: 70 Resp: 74554

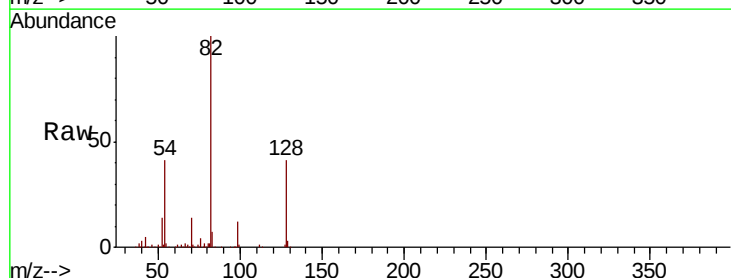
Ion Ratio Lower Upper

70 100

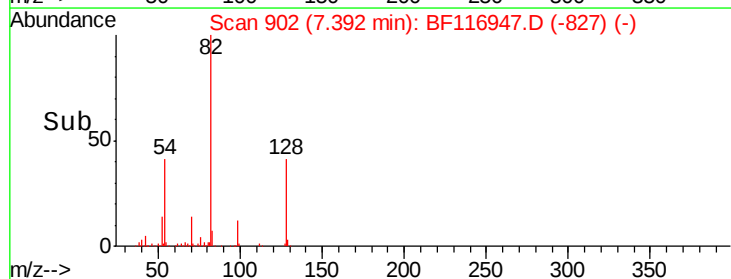
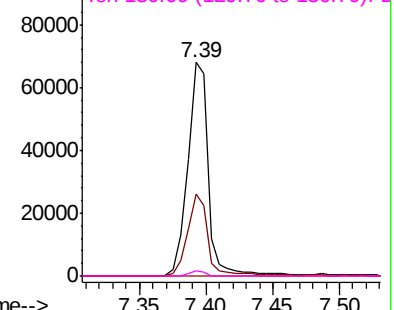
42 38.6 43.5 65.3#

101 0.0 7.8 11.6#

130 2.4 16.6 24.8#



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

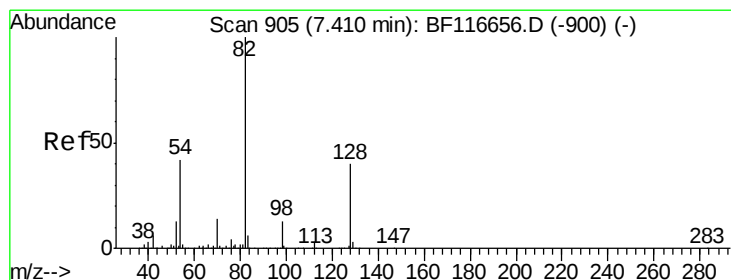
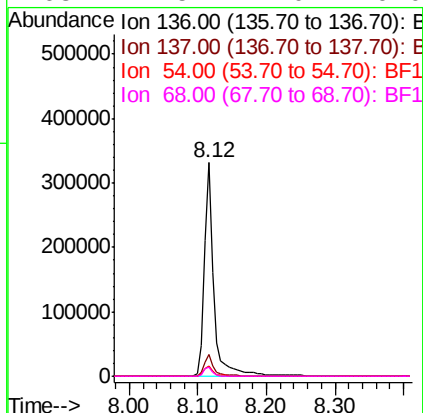
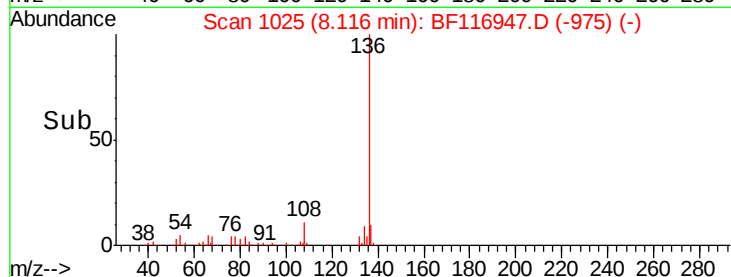
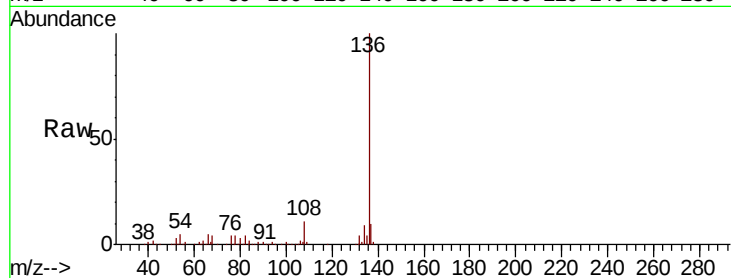




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116947.D
Acq: 11 Sep 2019 3:53

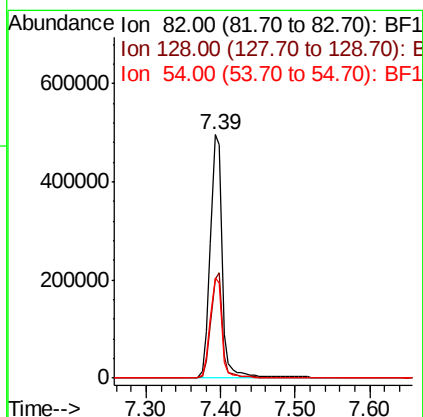
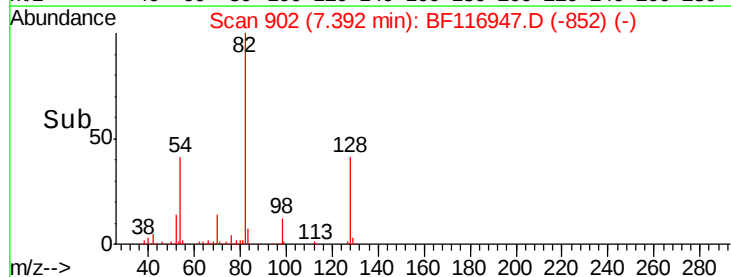
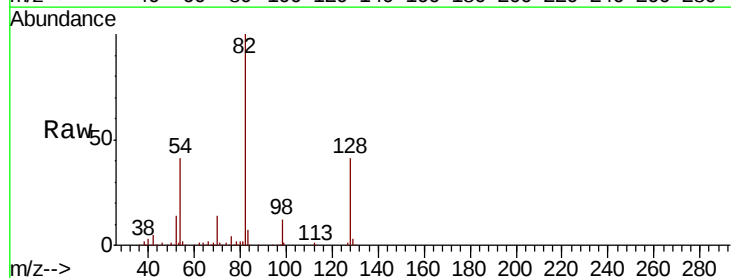
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	333279
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.9	13.3
54 5.1	4.8	7.2
68 4.5	4.0	6.0



#23
Nitrobenzene-d5
Concen: 95.878 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116947.D
Acq: 11 Sep 2019 3:53

Tgt Ion: 82	Resp: 559740
Ion Ratio	Lower Upper
82 100	
128 40.8	32.8 49.2
54 41.2	36.9 55.3





#25

Isophorone

Concen: 47.315 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF116947.D

Acq: 11 Sep 2019 3:53

Instrument :

BNA_F

ClientSampleId :

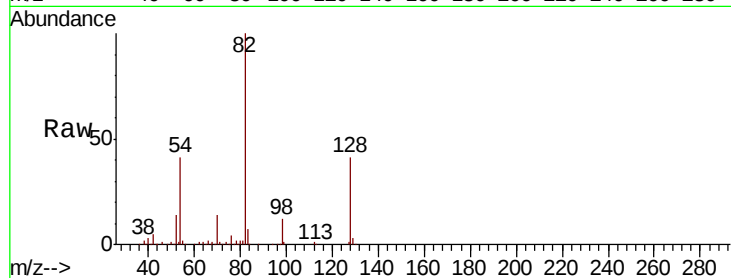
Tot Ion: 82 Resp: 559737

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

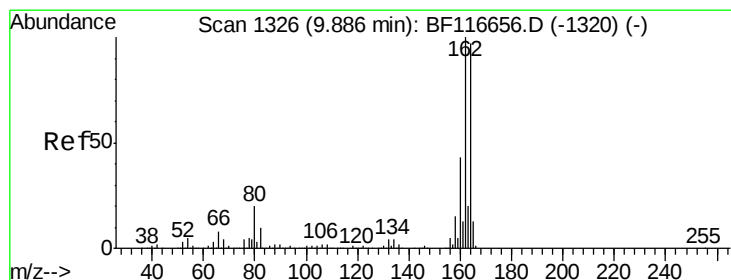
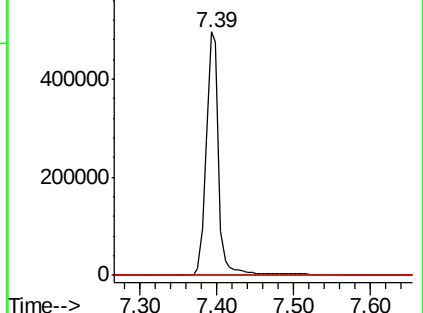
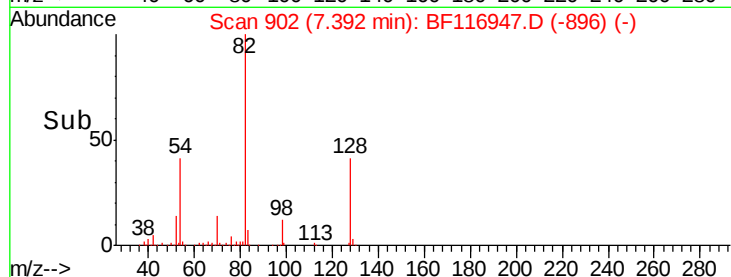
138 0.0 13.5 20.3#



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. 0.00 min

Lab File: BF116947.D

Acq: 11 Sep 2019 3:53

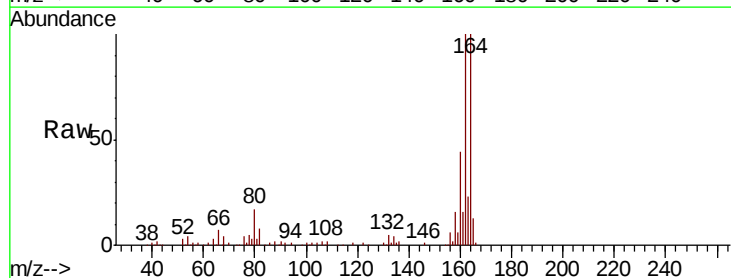
Tgt Ion: 164 Resp: 166986

Ion Ratio Lower Upper

164 100

162 100.0 81.4 122.0

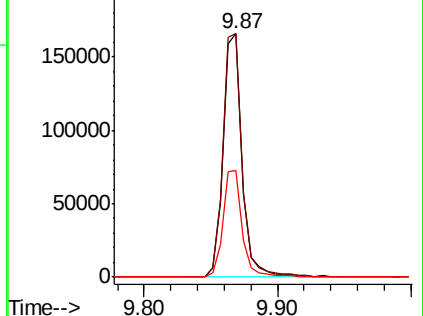
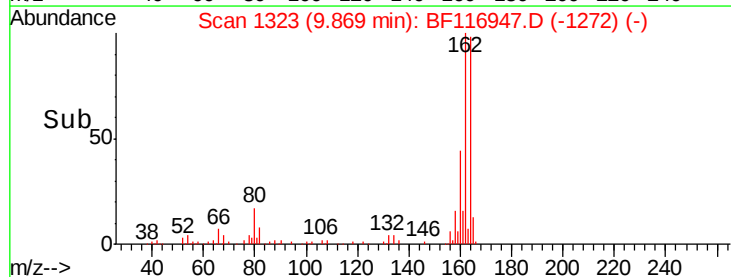
160 44.0 35.4 53.2

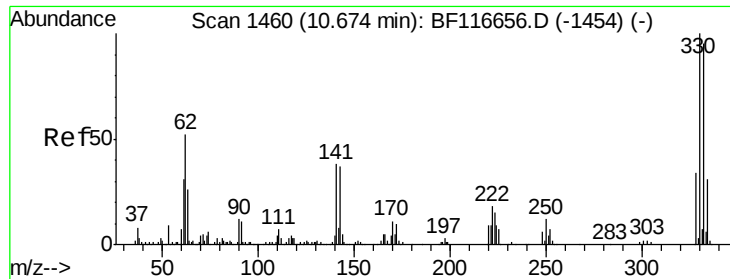


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

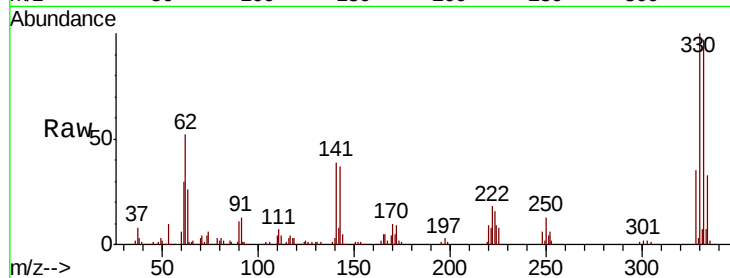




#42
 2,4,6-Tribromophenol
 Concen: 164.282 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF116947.D
 Acq: 11 Sep 2019 3:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	44.5	31.4	47.2

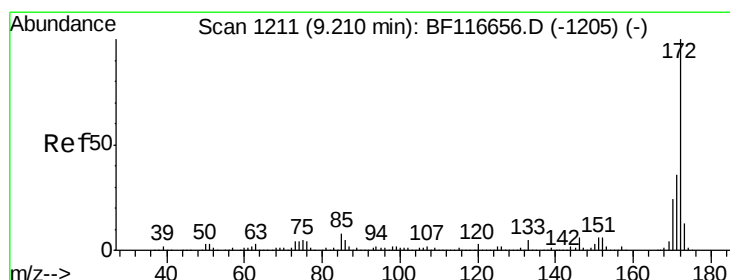
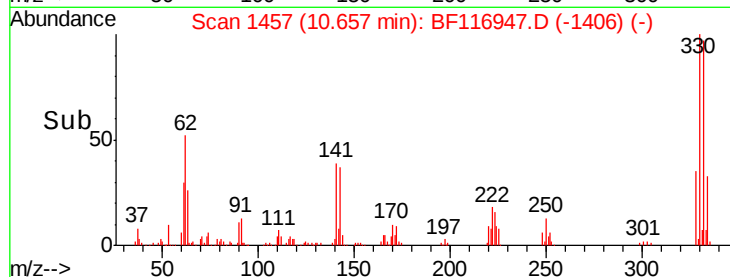
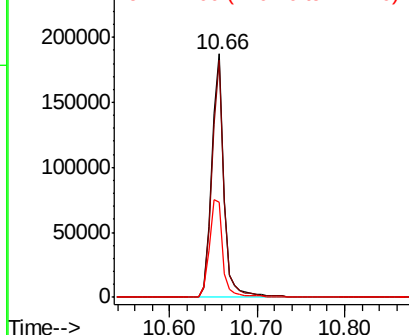


Abundance

Ion 329.80 (329.50 to 330.50): E

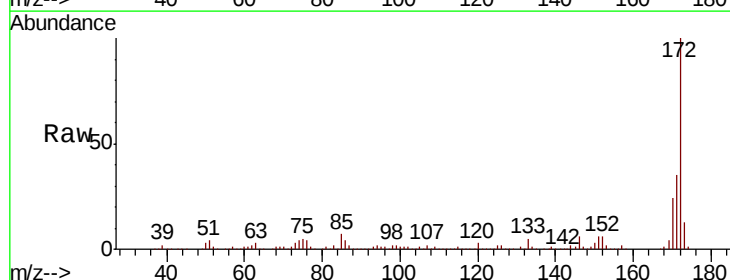
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.459 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF116947.D
 Acq: 11 Sep 2019 3:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.7	18.9	28.3

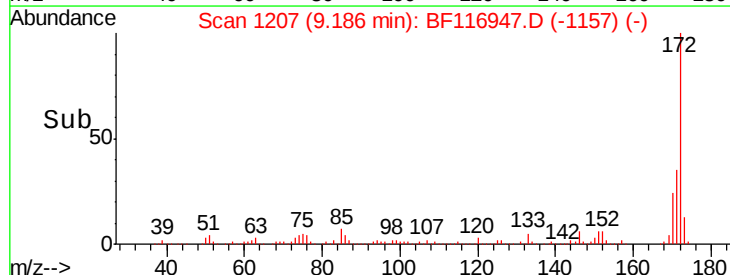
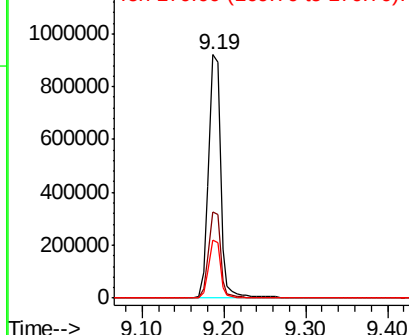


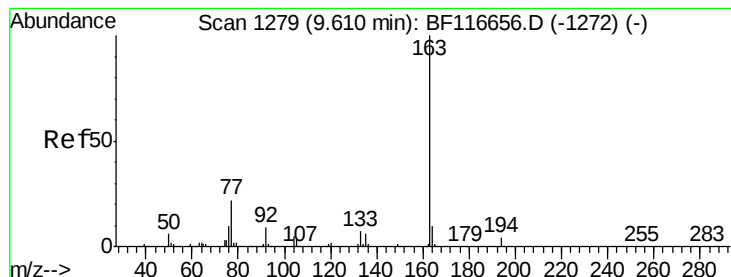
Abundance

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: 12.719 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF116947.D

Acq: 11 Sep 2019 3:53

Instrument :

BNA_F

ClientSampleId :

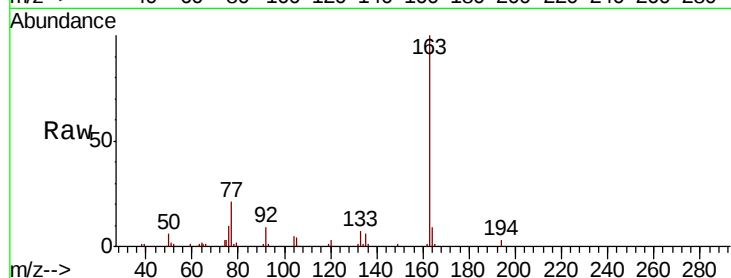
Tot Ion:163 Resp: 146637

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

164 9.5 8.6 12.8

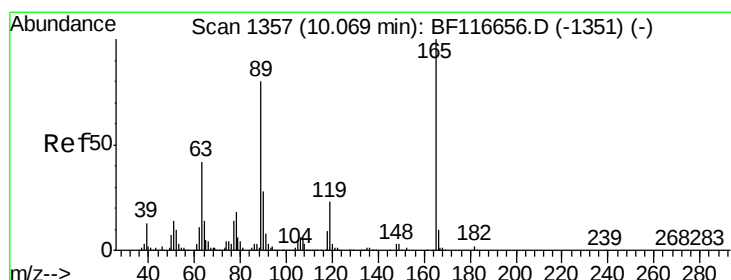
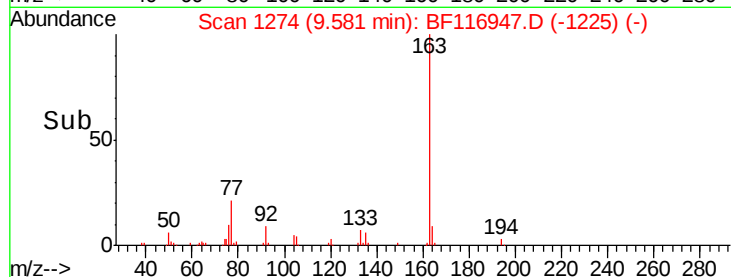
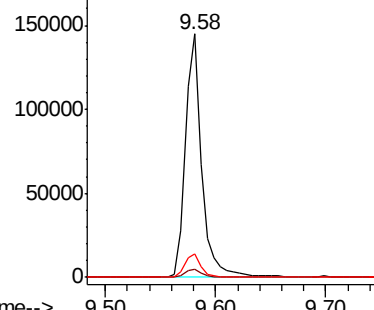


Abundance

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: 7.960 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.19 min

Lab File: BF116947.D

Acq: 11 Sep 2019 3:53

Tgt Ion:165 Resp: 21409

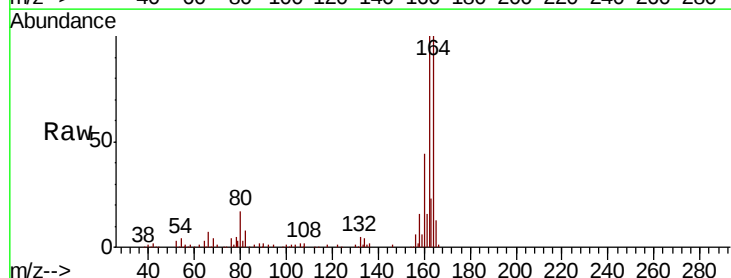
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.4 62.6 94.0#

182 0.0 2.1 3.1#



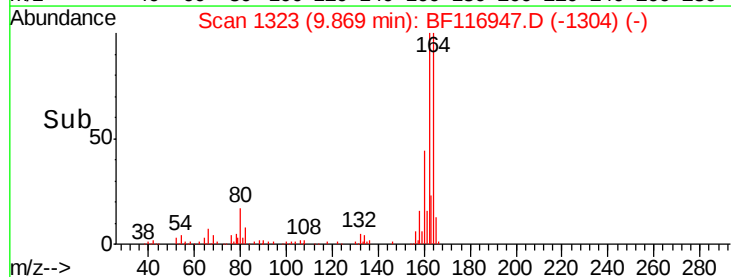
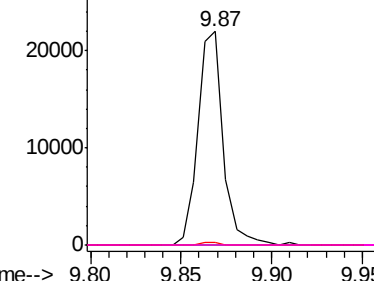
Abundance

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. 0.00 min

Lab File: BF116947.D

Acq: 11 Sep 2019 3:53

Instrument :

BNA_F

ClientSampleId :

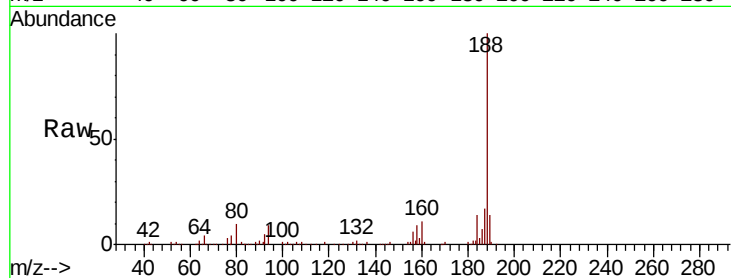
Tot Ion:188 Resp: 265548

Ion Ratio Lower Upper

188 100

94 8.5 7.3 10.9

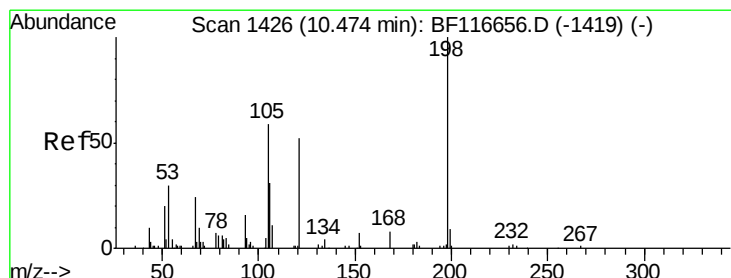
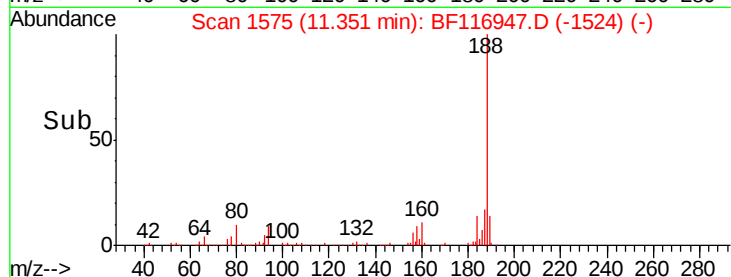
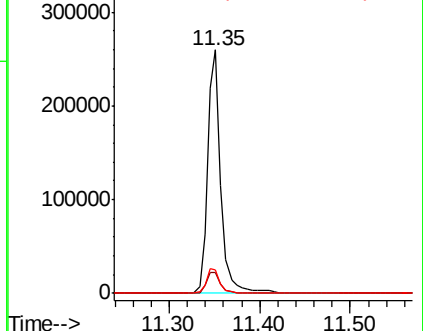
80 9.7 8.4 12.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.687 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.19 min

Lab File: BF116947.D

Acq: 11 Sep 2019 3:53

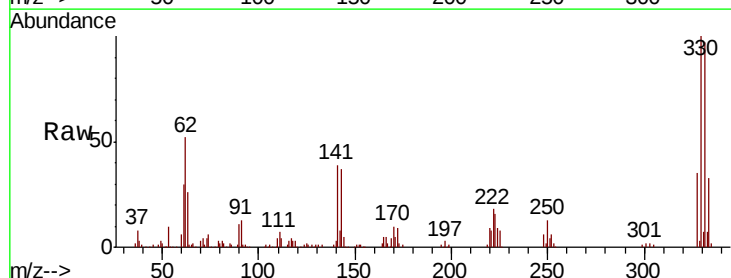
Tgt Ion:198 Resp: 273

Ion Ratio Lower Upper

198 100

51 124.9 18.4 58.4#

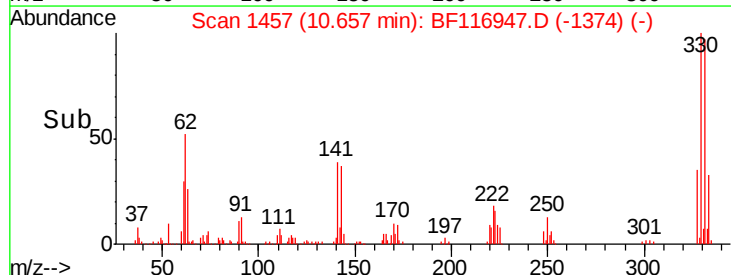
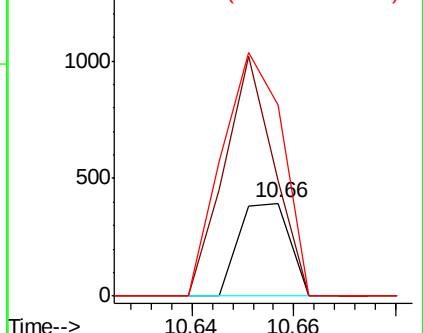
105 206.9 22.9 62.9#

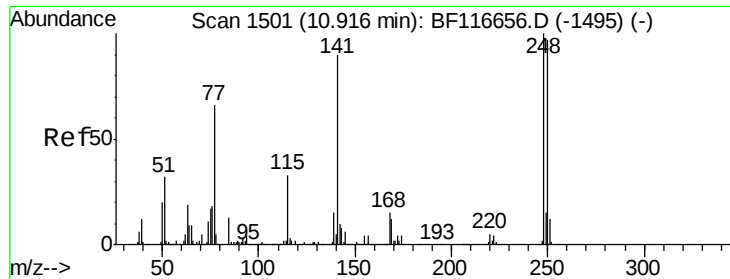


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

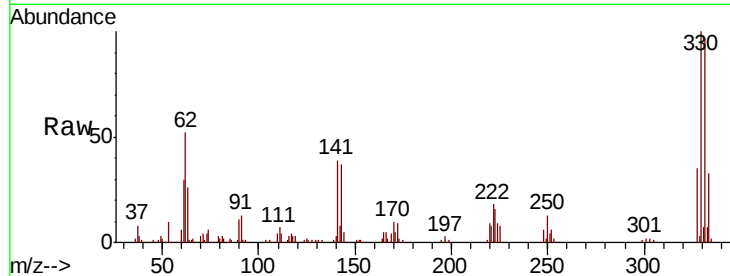




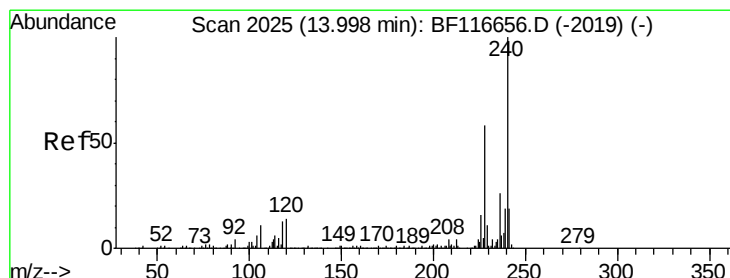
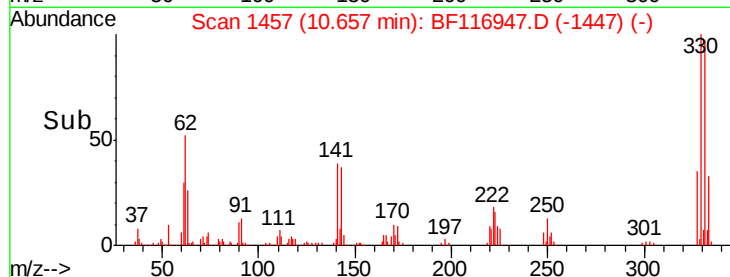
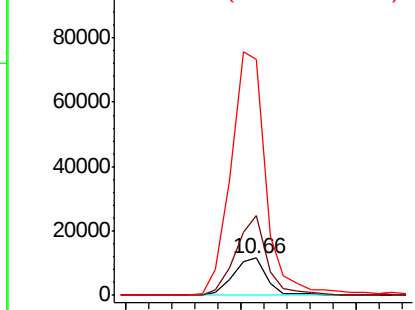
#67
4-Bromophenyl-phenylether
Concen: 4.334 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.24 min
Lab File: BF116947.D
Acq: 11 Sep 2019 3:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11691
Ion Ratio Lower Upper
248 100
250 215.5 77.8 116.8#
141 632.1 75.9 113.9#

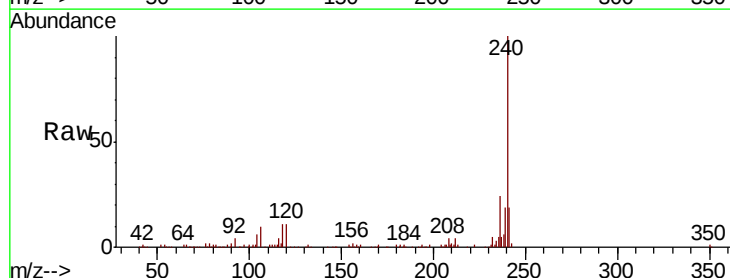


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

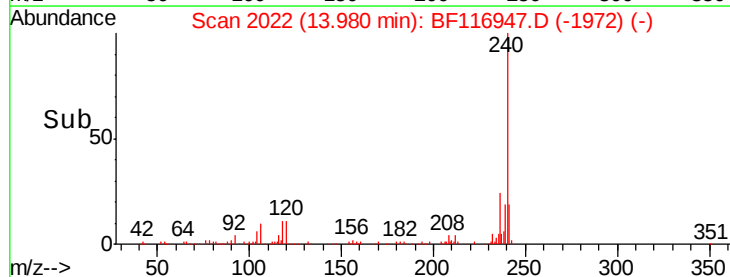
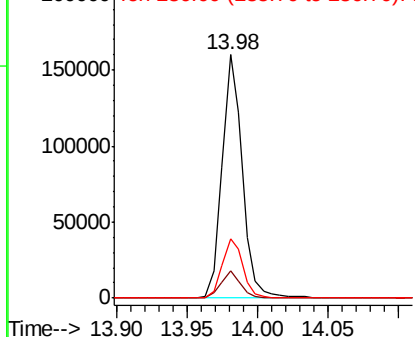


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116947.D
Acq: 11 Sep 2019 3:53

Tgt Ion:240 Resp: 159396
Ion Ratio Lower Upper
240 100
120 11.1 9.1 13.7
236 24.4 21.1 31.7



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

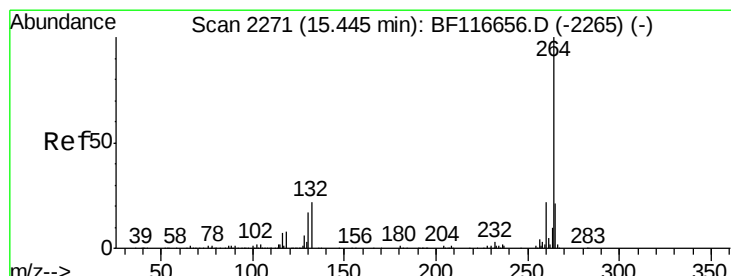
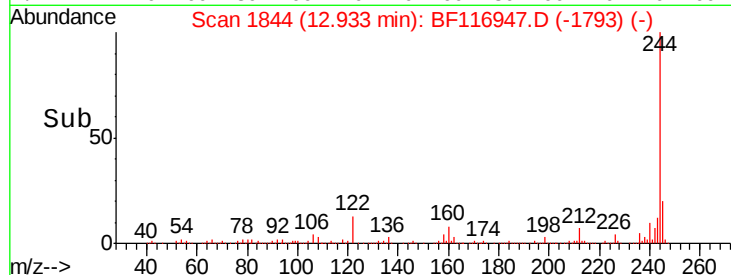
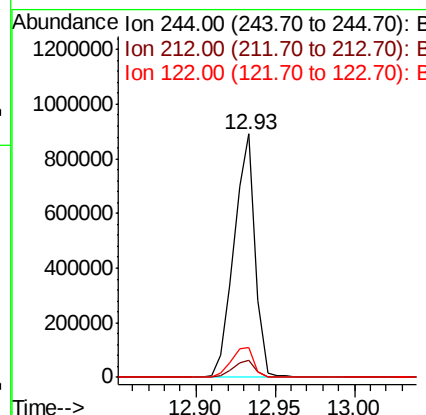
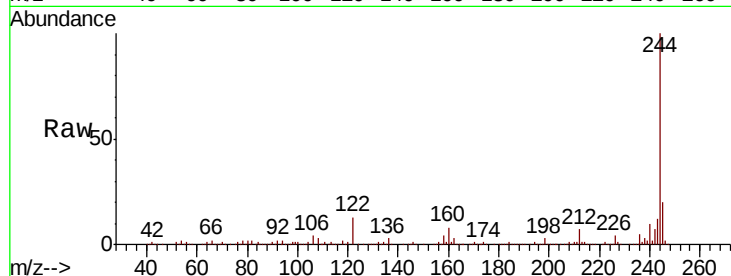




#79
 Terphenyl-d14
 Concen: 95.443 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF116947.D
 Acq: 11 Sep 2019 3:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	12.5	10.2	15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF116947.D
 Acq: 11 Sep 2019 3:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	21.2	16.5	24.7

