

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116948.D
 Acq On : 11 Sep 2019 4:19
 Operator : HP/JU
 Sample : K4719-26
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 05:23:17 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

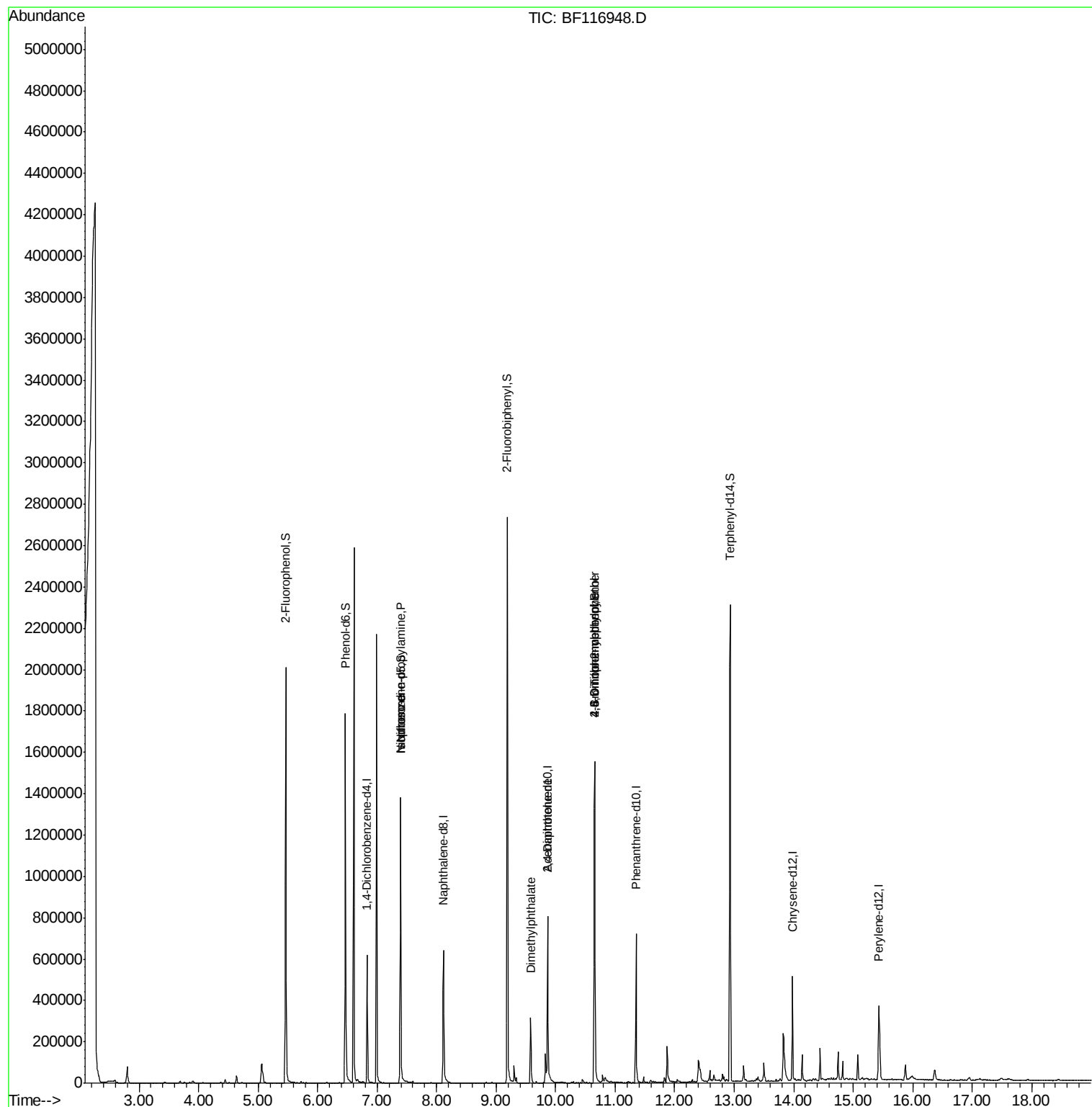
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	90093	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	342880	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	171196	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	271636	20.00	ng	0.00
76) Chrysene-d12	13.98	240	157775	20.00	ng	0.00
87) Perylene-d12	15.43	264	174650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	612779	110.19	ng	0.02
7) Phenol-d6	6.47	99	747982	102.43	ng	0.00
23) Nitrobenzene-d5	7.40	82	577507	96.15	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	187440	163.78	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	973422	95.92	ng	0.00
79) Terphenyl-d14	12.93	244	763441	89.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	76214	15.851	ng	# 69
25) Isophorone	7.40	82	577504	47.450	ng	# 66
50) Dimethylphthalate	9.58	163	142124	12.025	ng	# 98
57) 2,4-Dinitrotoluene	9.87	165	21637	7.847	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.65	198	326	7.726	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	12043	4.364	ng	# 1

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

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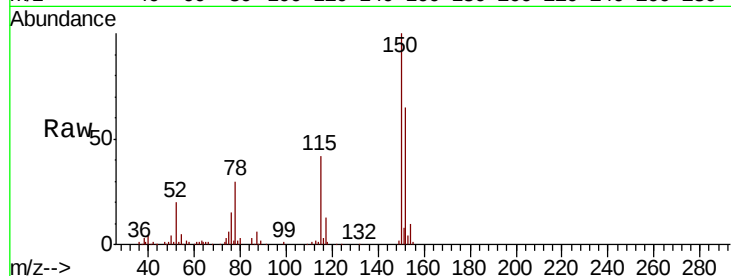


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF116948.D
Acq: 11 Sep 2019 4:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.4	186.6
115	65.0	49.9	74.9

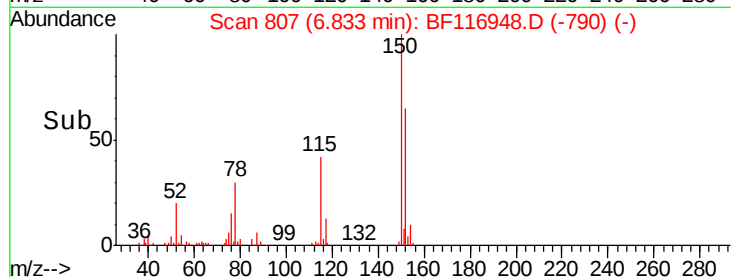
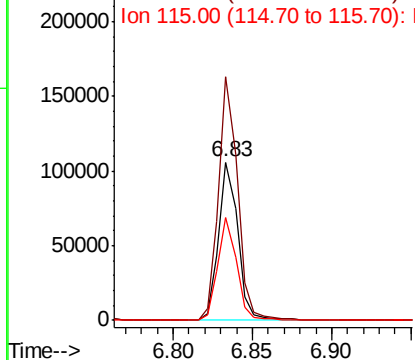


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

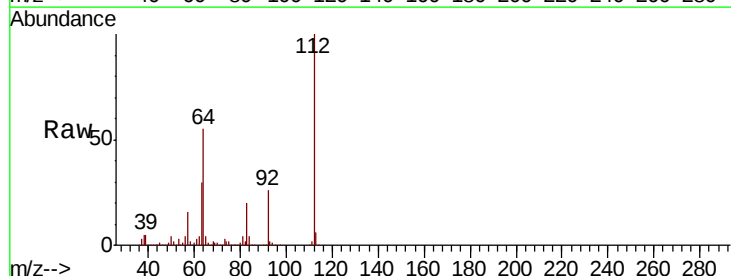
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.190 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF116948.D
Acq: 11 Sep 2019 4:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.1	70.7
63	29.5	24.9	37.3

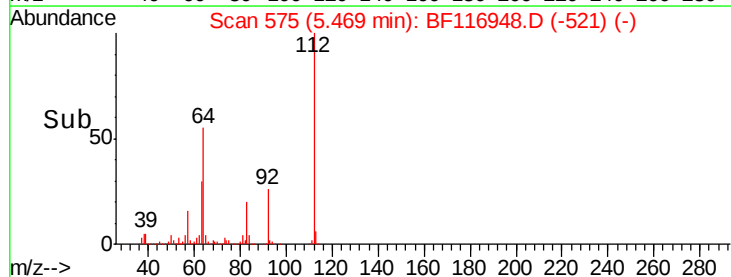
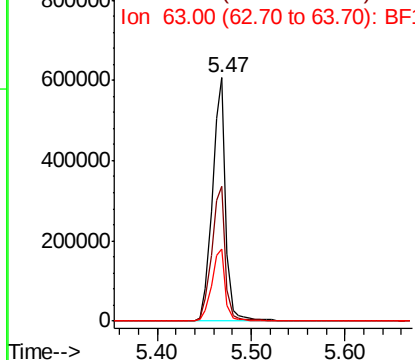


Abundance

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: 102.430 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116948.D

Acq: 11 Sep 2019 4:19

Instrument :

BNA_F

ClientSampled :

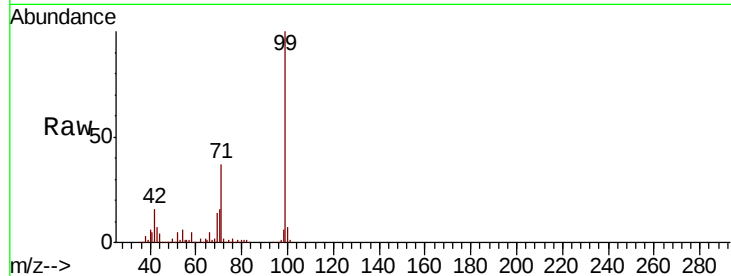
Tot Ion: 99 Resp: 747982

Ion Ratio Lower Upper

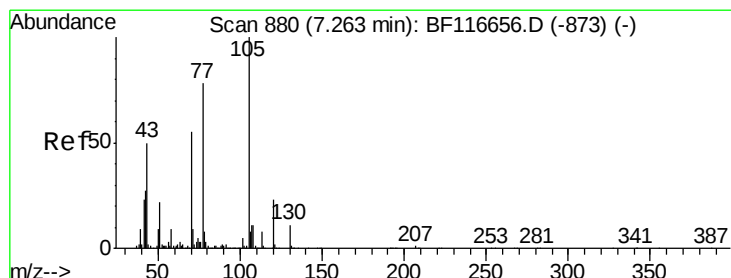
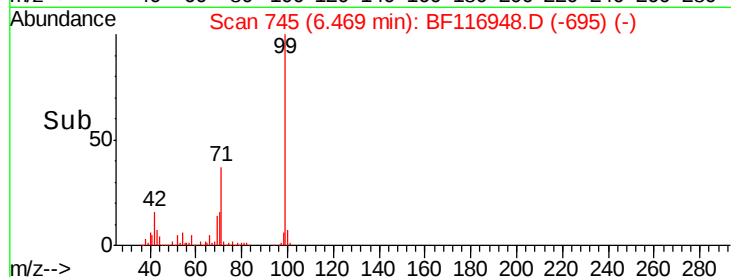
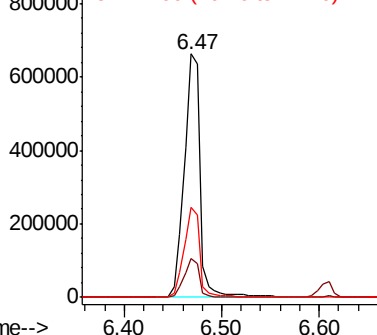
99 100

42 15.9 13.7 20.5

71 37.2 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: 15.851 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.15 min

Lab File: BF116948.D

Acq: 11 Sep 2019 4:19

Tgt Ion: 70 Resp: 76214

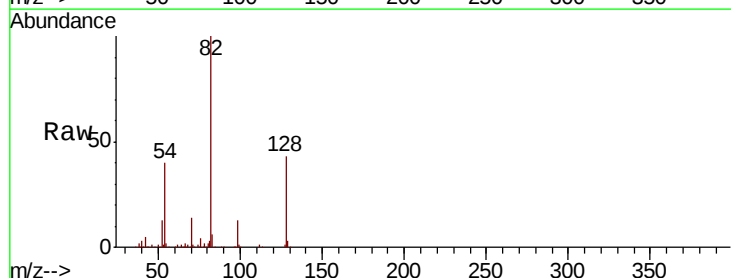
Ion Ratio Lower Upper

70 100

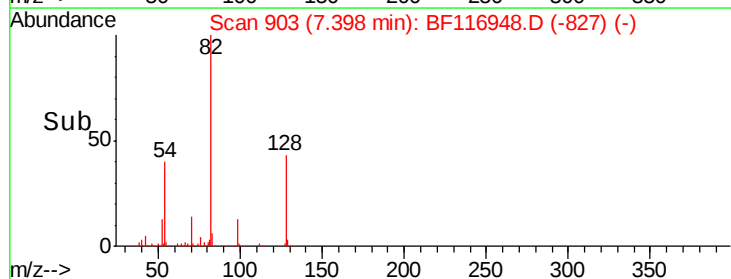
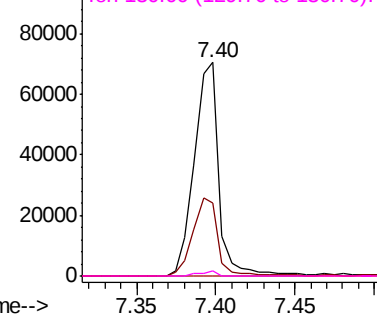
42 34.1 43.5 65.3#

101 0.0 7.8 11.6#

130 2.2 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: BF116948.D

Acq: 11 Sep 2019 4:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 342880

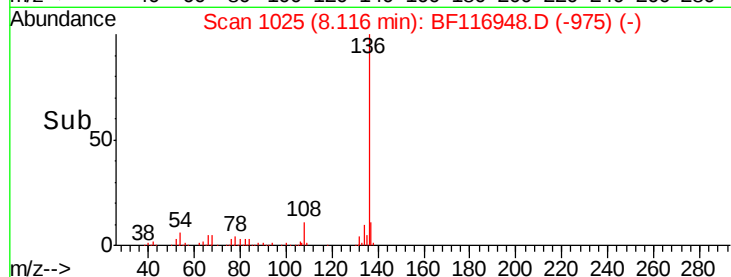
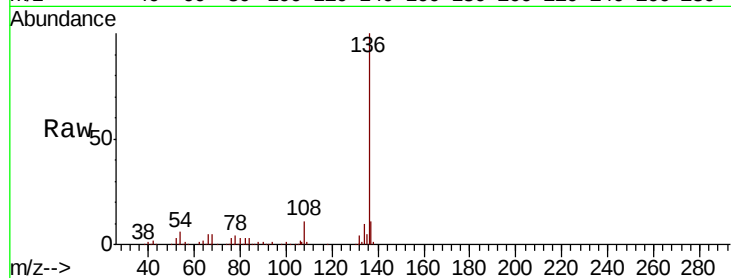
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.5 4.8 7.2

68 4.6 4.0 6.0

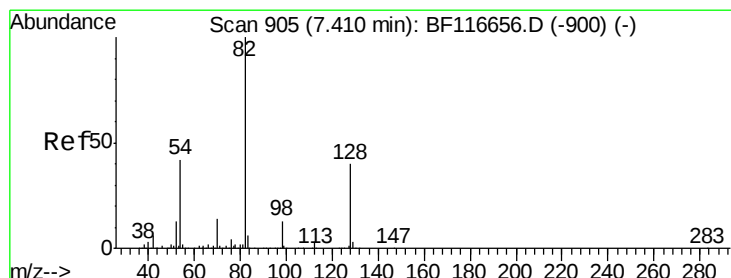
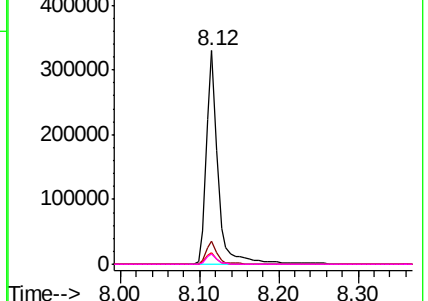


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.151 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF116948.D

Acq: 11 Sep 2019 4:19

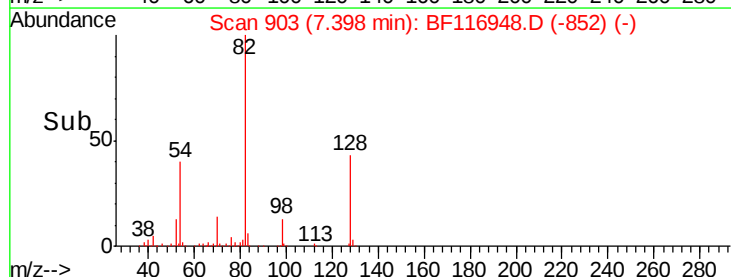
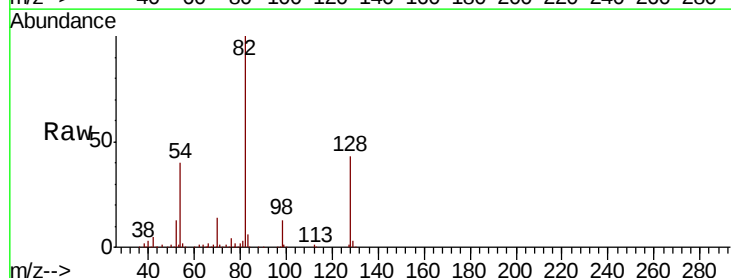
Tgt Ion: 82 Resp: 577507

Ion Ratio Lower Upper

82 100

128 43.0 32.8 49.2

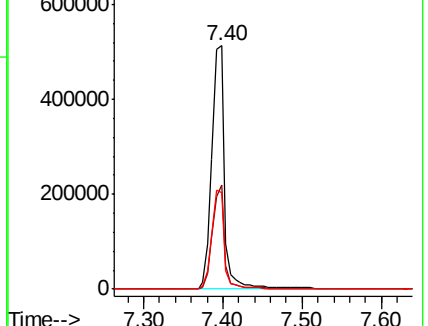
54 39.5 36.9 55.3



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: 47.450 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF116948.D

Acq: 11 Sep 2019 4:19

Instrument :

BNA_F

ClientSampleId :

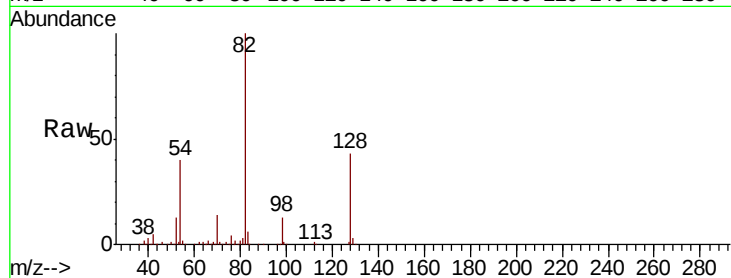
Tot Ion: 82 Resp: 577504

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

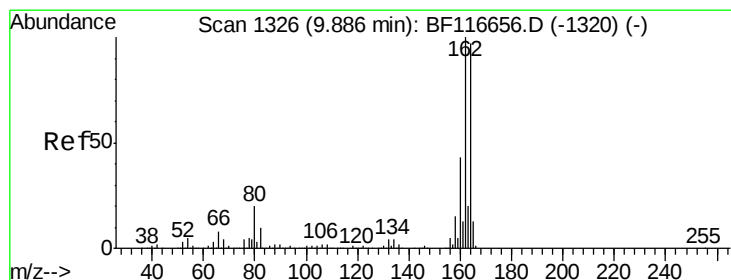
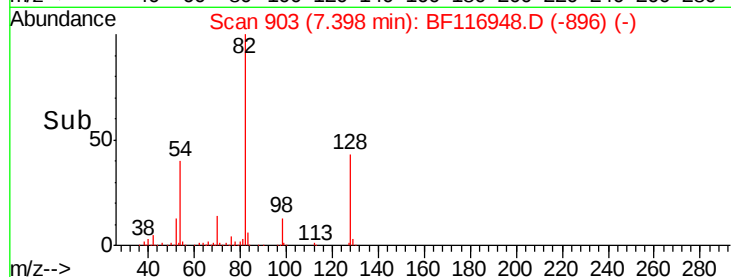
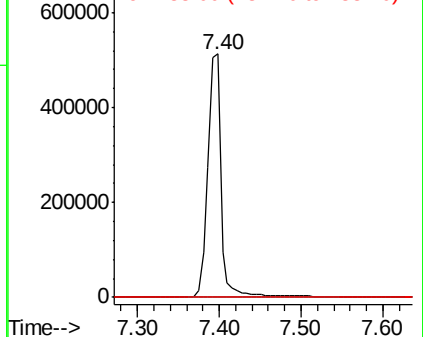
138 0.0 13.5 20.3#



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: BF116948.D

Acq: 11 Sep 2019 4:19

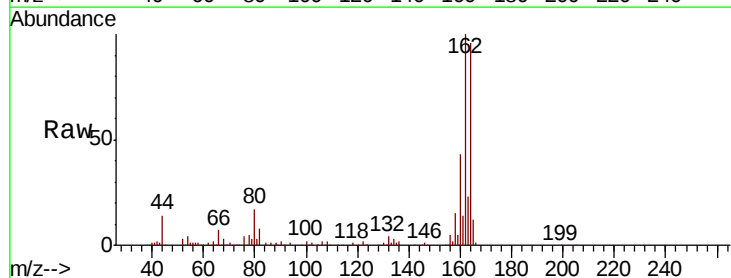
Tgt Ion: 164 Resp: 171196

Ion Ratio Lower Upper

164 100

162 104.1 81.4 122.0

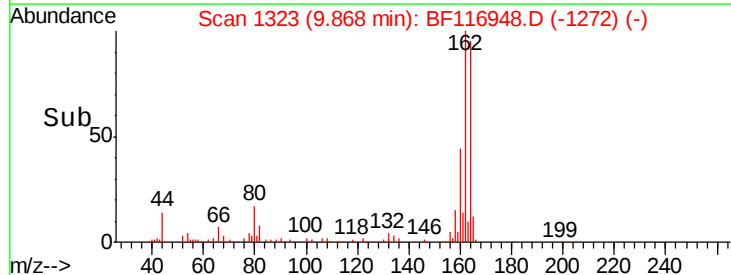
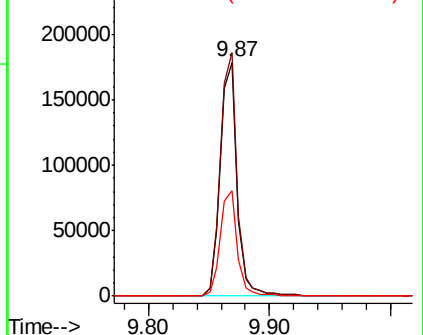
160 45.3 35.4 53.2

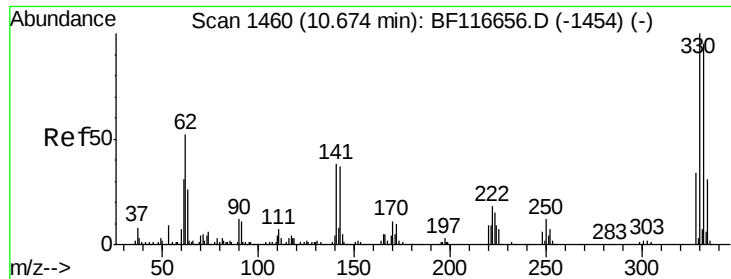


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

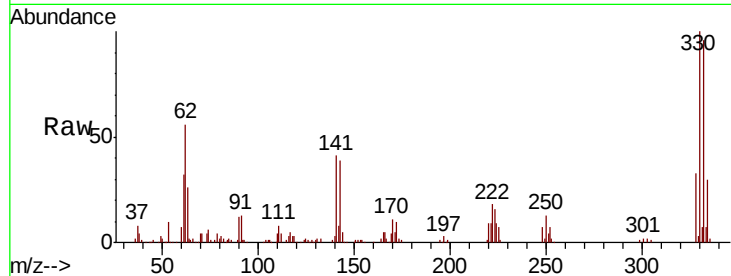




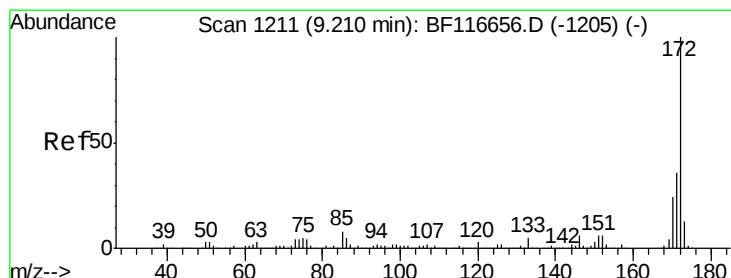
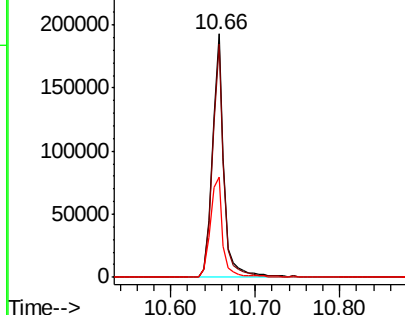
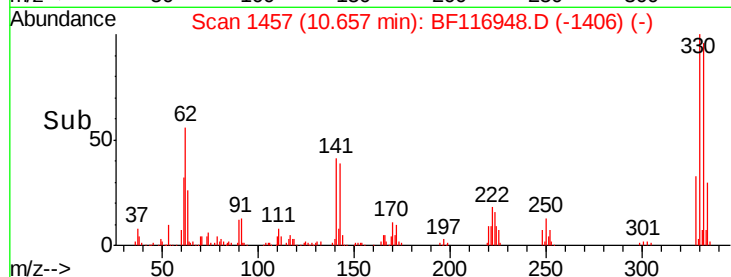
#42
 2,4,6-Tribromophenol
 Concen: 163.777 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF116948.D
 Acq: 11 Sep 2019 4:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 187440
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.9 115.3
 141 45.0 31.4 47.2

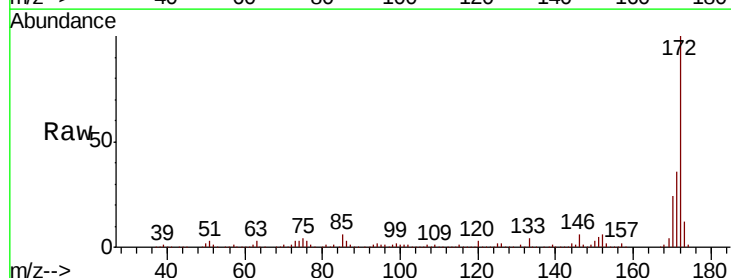


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

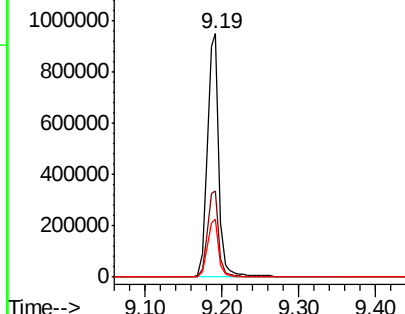
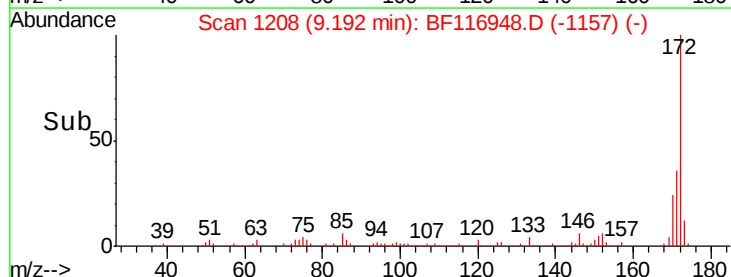


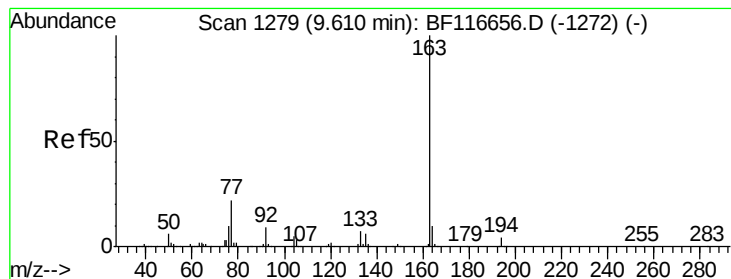
#45
 2-Fluorobiphenyl
 Concen: 95.917 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF116948.D
 Acq: 11 Sep 2019 4:19

Tgt Ion:172 Resp: 973422
 Ion Ratio Lower Upper
 172 100
 171 35.6 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: 12.025 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF116948.D

Acq: 11 Sep 2019 4:19

Instrument :

BNA_F

ClientSampleId :

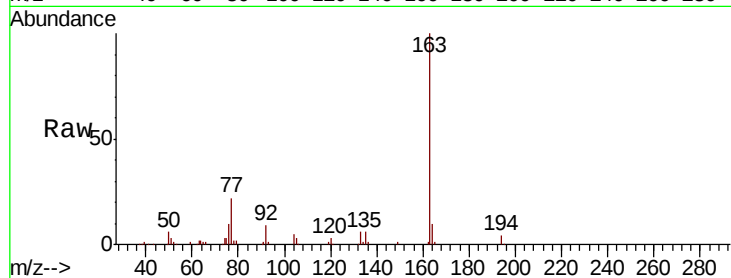
Tot Ion:163 Resp: 142124

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

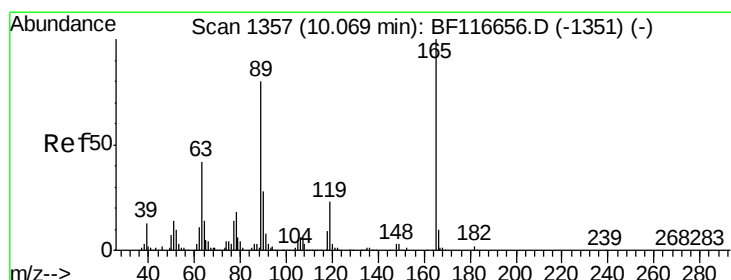
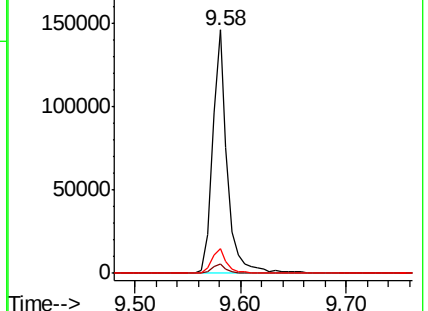
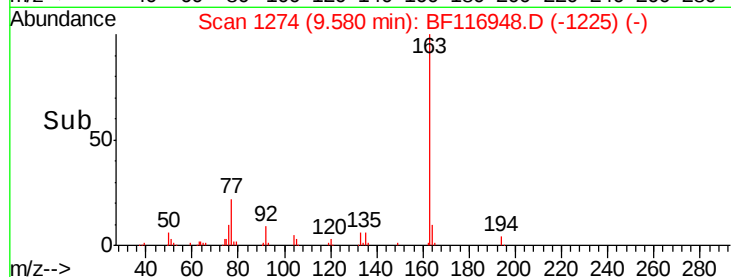
164 10.1 8.6 12.8



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: 7.847 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.19 min

Lab File: BF116948.D

Acq: 11 Sep 2019 4:19

Tgt Ion:165 Resp: 21637

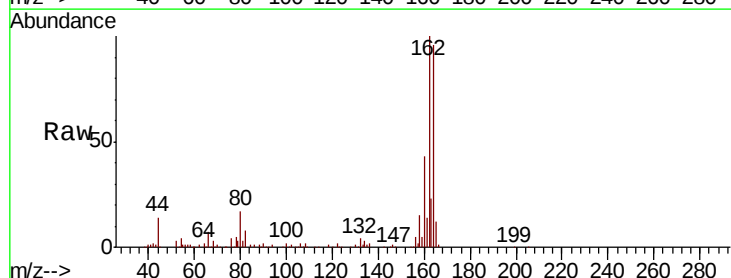
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.6 62.6 94.0#

182 0.0 2.1 3.1#

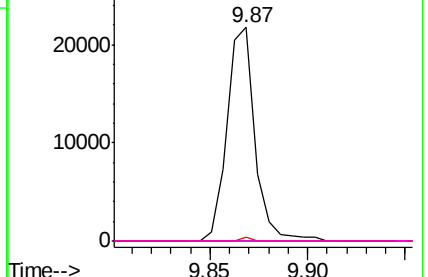
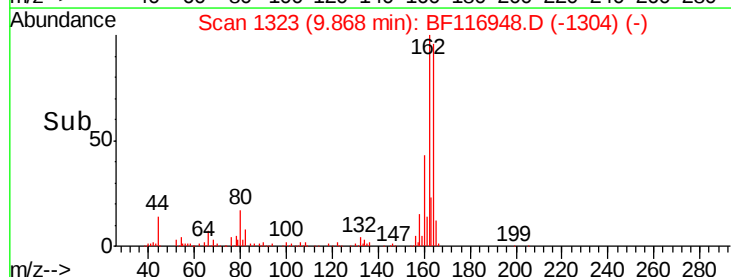


Abundance Ion 165.00 (164.70 to 165.70): E

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

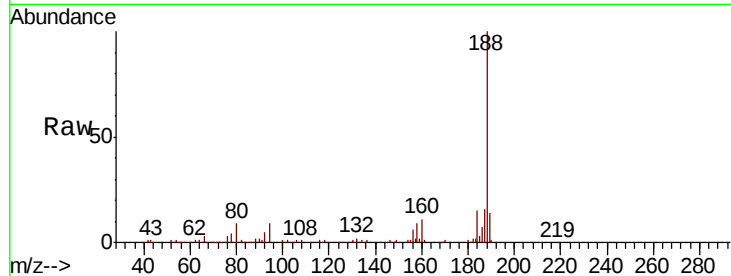




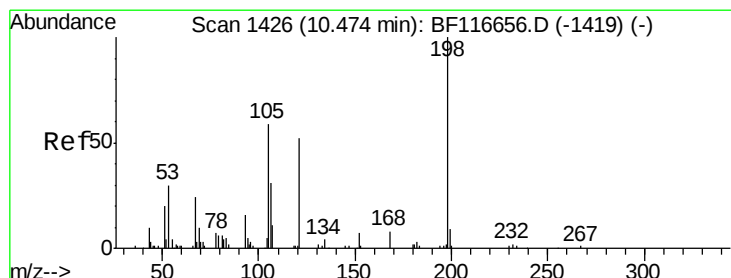
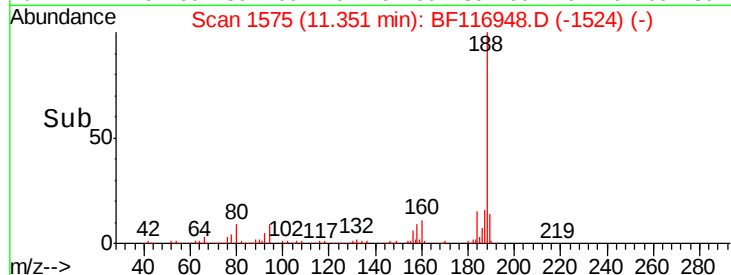
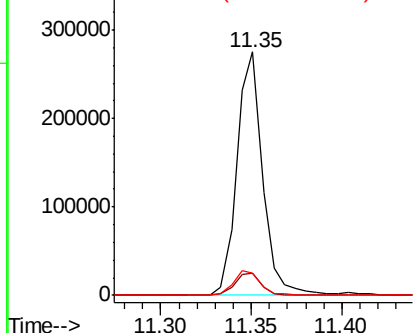
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF116948.D
Acq: 11 Sep 2019 4:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.3	10.9
80	9.4	8.4	12.6

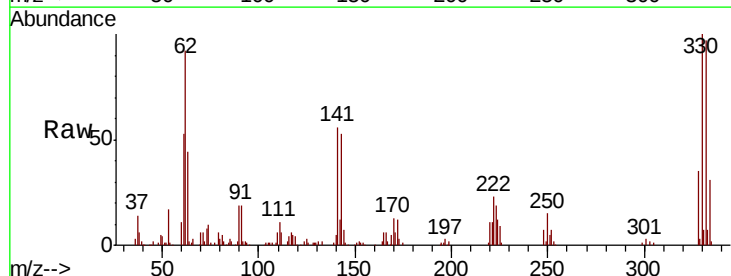


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

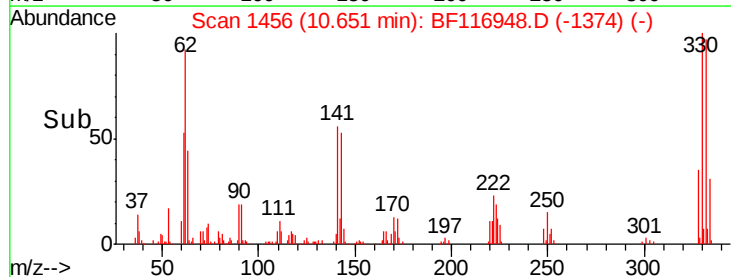
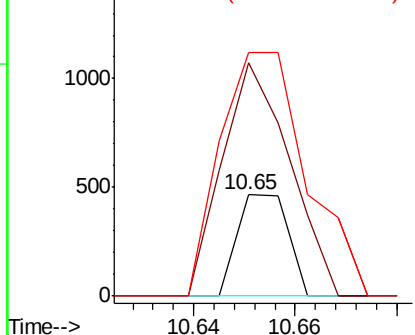


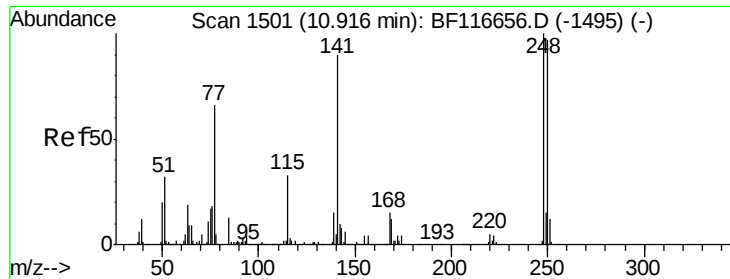
#65
4,6-Dinitro-2-methylphenol
Concen: 7.726 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.18 min
Lab File: BF116948.D
Acq: 11 Sep 2019 4:19

Tgt Ion	Ratio	Lower	Upper
198	100		
51	231.7	18.4	58.4#
105	241.4	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

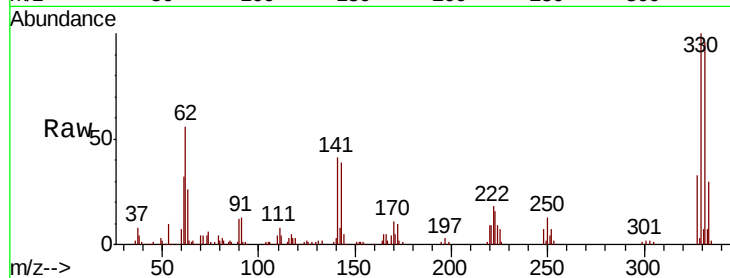




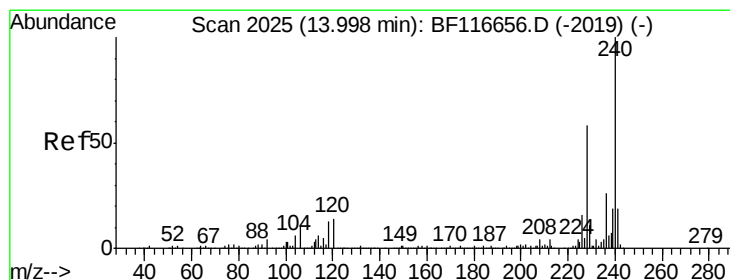
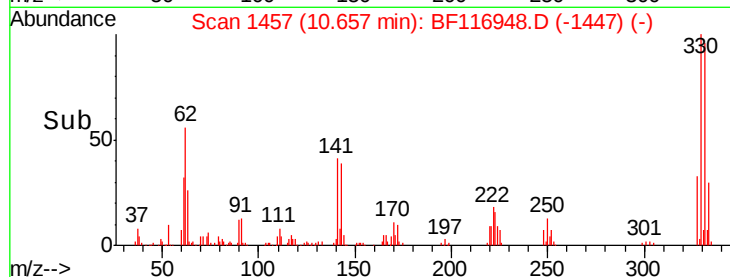
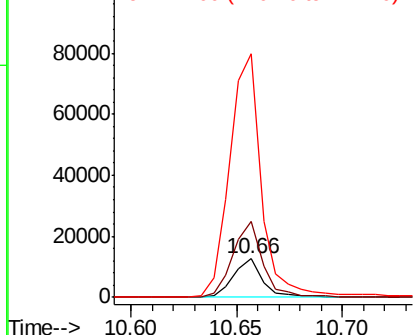
#67
 4-Bromophenyl-phenylether
 Concen: 4.364 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF116948.D
 Acq: 11 Sep 2019 4:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12043
 Ion Ratio Lower Upper
 248 100
 250 198.4 77.8 116.8#
 141 635.2 75.9 113.9#

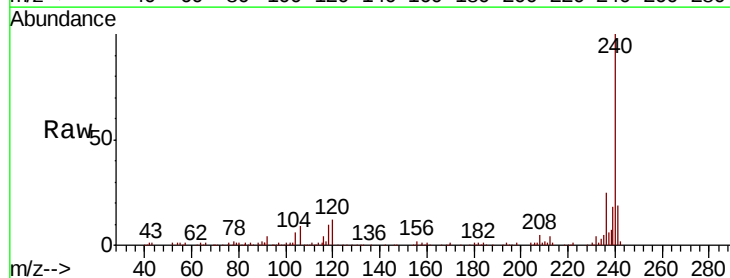


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

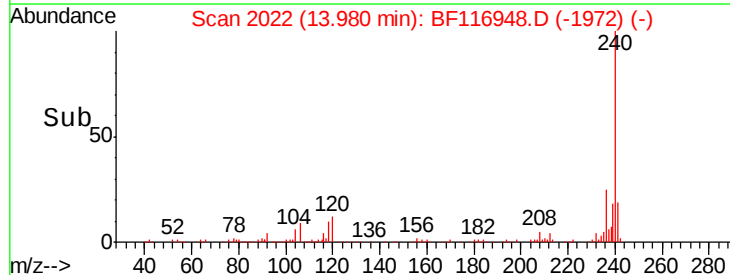
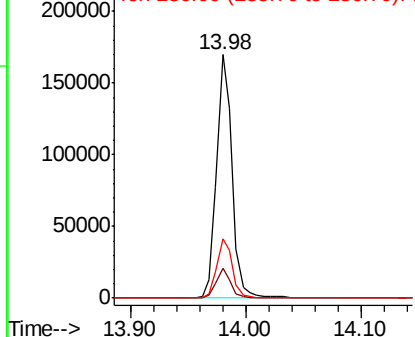


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF116948.D
 Acq: 11 Sep 2019 4:19

Tgt Ion:240 Resp: 157775
 Ion Ratio Lower Upper
 240 100
 120 12.1 9.1 13.7
 236 24.6 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

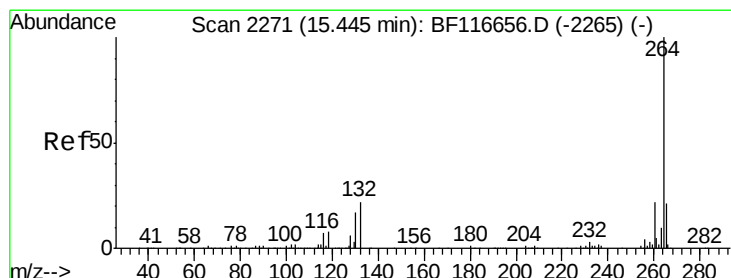
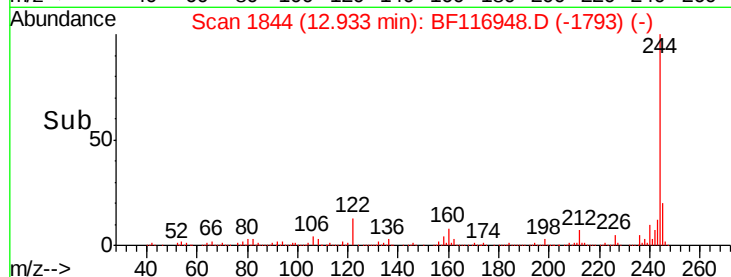
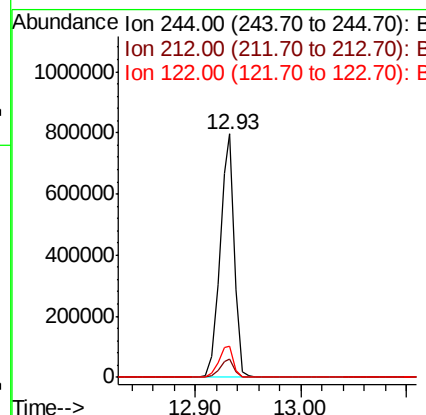
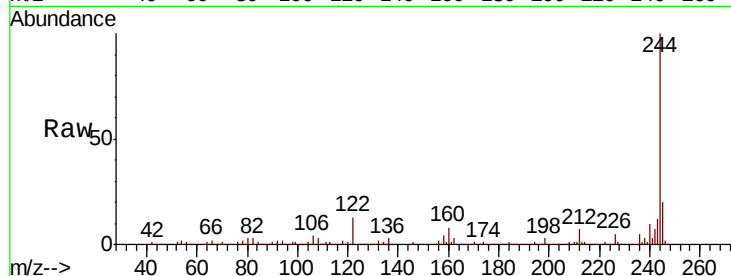




#79
 Terphenyl-d14
 Concen: 89.515 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BF116948.D
 Acq: 11 Sep 2019 4:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 763441
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.9 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: BF116948.D
 Acq: 11 Sep 2019 4:19

Tgt Ion:264 Resp: 174650
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 23.0 16.5 24.7

