

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115920.D
 Acq On : 1 Aug 2019 21:29
 Operator : HP/JU
 Sample : K4077-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190730-LOC-13

Quant Time: Aug 02 05:02:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

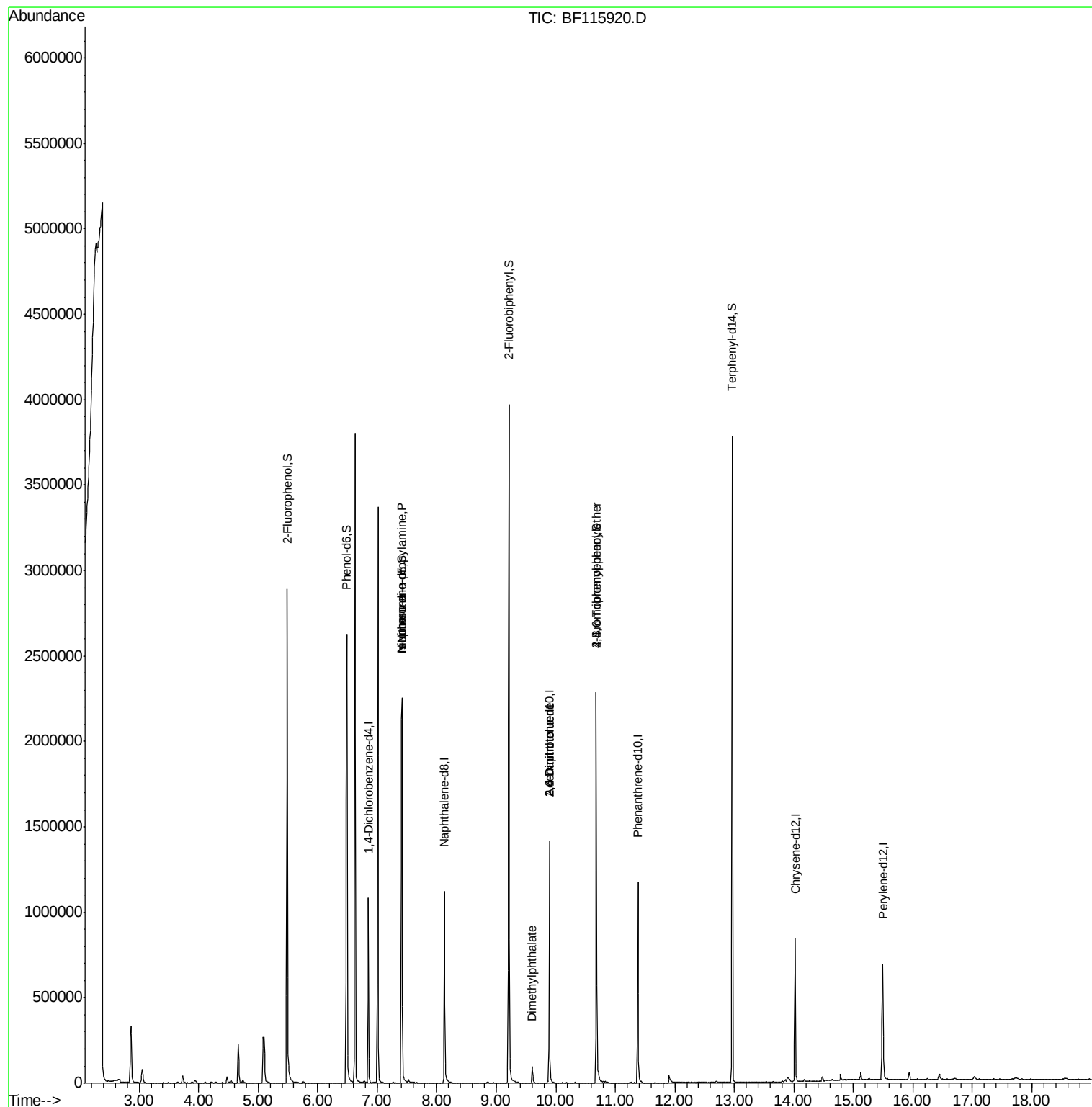
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	146327	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	549051	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	279518	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	445667	20.00	ng	0.00
76) Chrysene-d12	14.02	240	292914	20.00	ng	0.00
87) Perylene-d12	15.49	264	356574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	945873	108.21	ng	0.02
7) Phenol-d6	6.49	99	1089580	98.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	855071	89.90	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	330629	122.00	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1447088	96.97	ng	0.00
79) Terphenyl-d14	12.96	244	1293383	93.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	115853	16.953	ng	# 77
25) Isophorone	7.42	82	855066	47.013	ng	# 66
50) Dimethylphthalate	9.60	163	49494	2.601	ng	# 99
51) 2,6-Dinitrotoluene	9.89	165	34839	8.423	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	34839	6.327	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	19817	4.154	ng	# 1

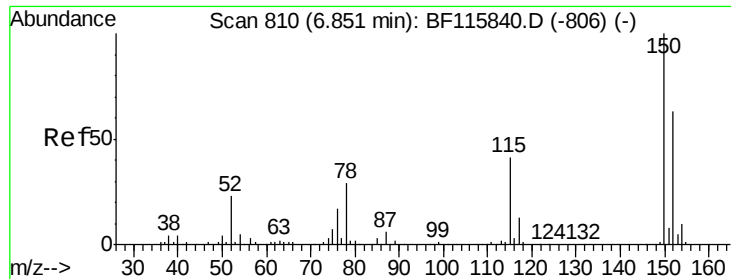
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
Data File : BF115920.D
Acq On : 1 Aug 2019 21:29
Operator : HP/JU
Sample : K4077-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20190730-LOC-13

Quant Time: Aug 02 05:02:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

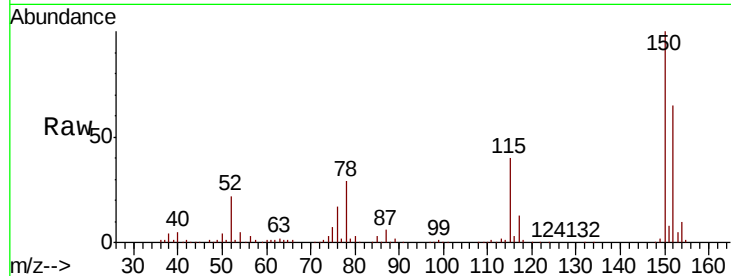




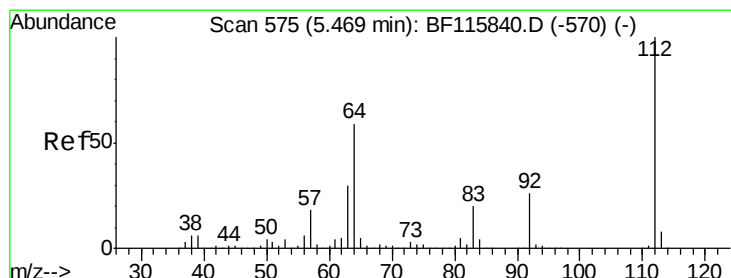
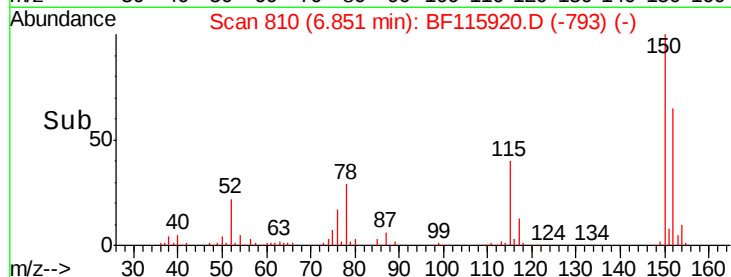
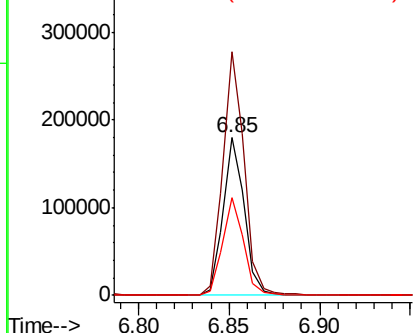
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115920.D
 Acq: 1 Aug 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :
 20190730-LOC-13

Tgt Ion:152 Resp: 146327
 Ion Ratio Lower Upper
 152 100
 150 154.7 127.4 191.0
 115 62.4 51.8 77.8

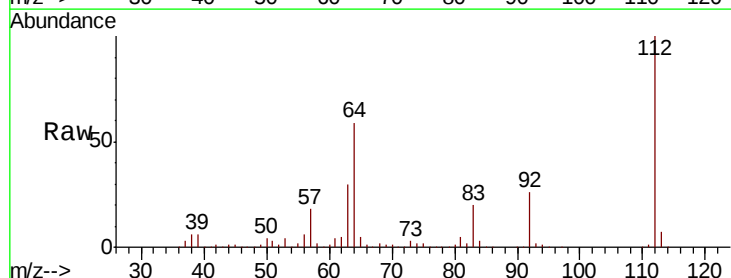


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

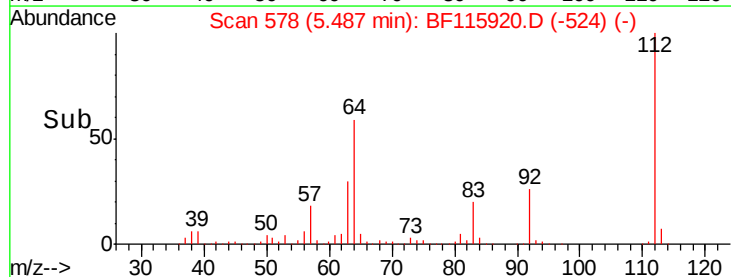
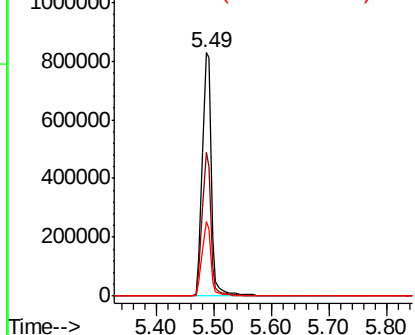


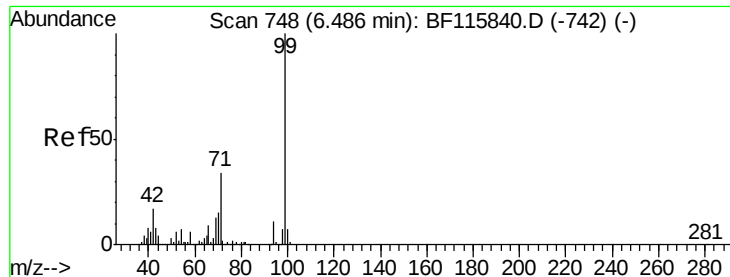
#5
 2-Fluorophenol
 Concen: 108.213 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF115920.D
 Acq: 1 Aug 2019 21:29

Tgt Ion:112 Resp: 945873
 Ion Ratio Lower Upper
 112 100
 64 59.2 46.8 70.2
 63 30.5 24.2 36.2



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: 98.800 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115920.D

Acq: 1 Aug 2019 21:29

Instrument :

BNA_F

ClientSampleId :

20190730-LOC-13

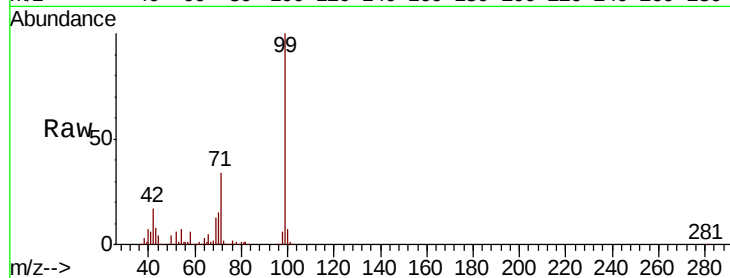
Tgt Ion: 99 Resp: 1089580

Ion Ratio Lower Upper

99 100

42 17.5 13.8 20.6

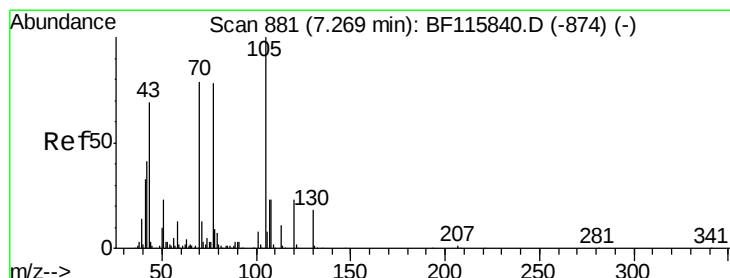
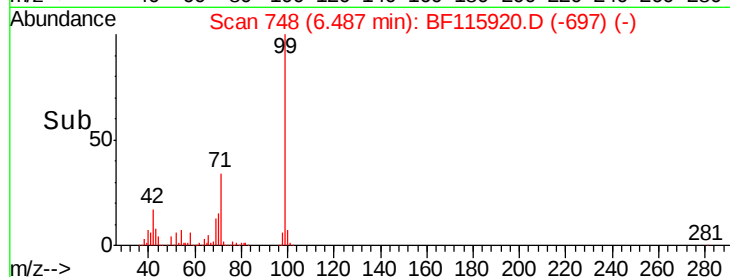
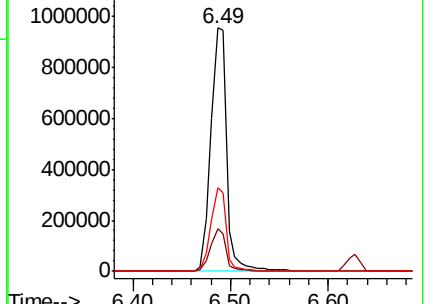
71 34.1 27.1 40.7



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: 16.953 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115920.D

Acq: 1 Aug 2019 21:29

Tgt Ion: 70 Resp: 115853

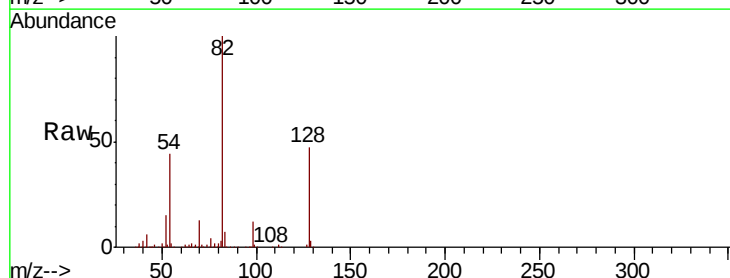
Ion Ratio Lower Upper

70 100

42 42.3 41.8 62.8

101 0.0 7.7 11.5#

130 2.2 17.8 26.6#

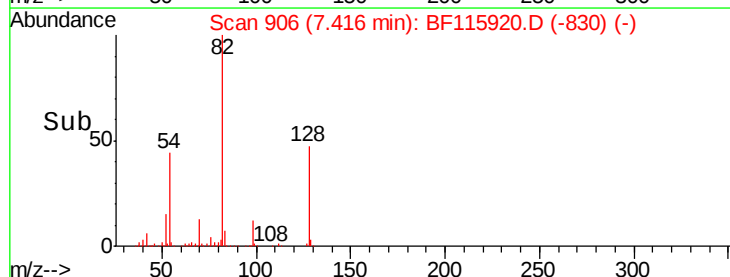
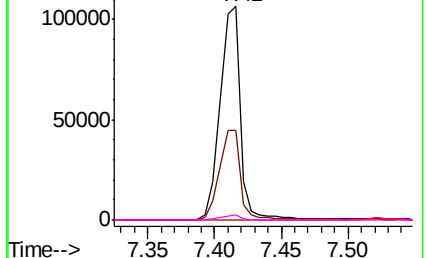


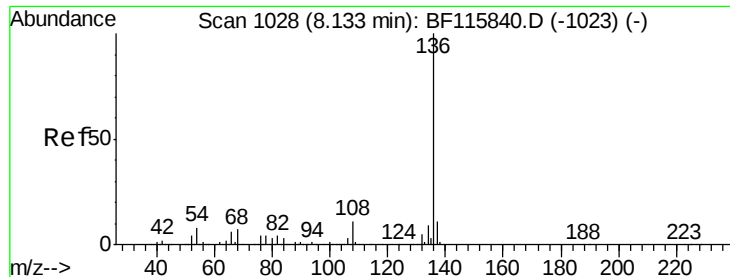
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

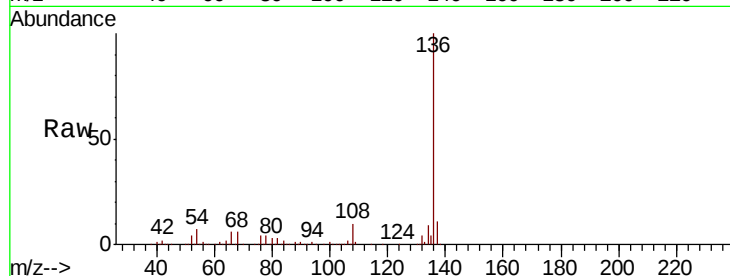




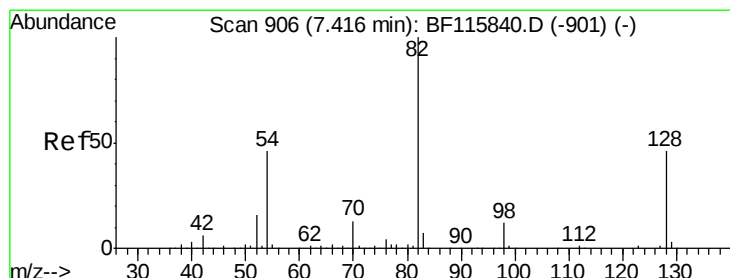
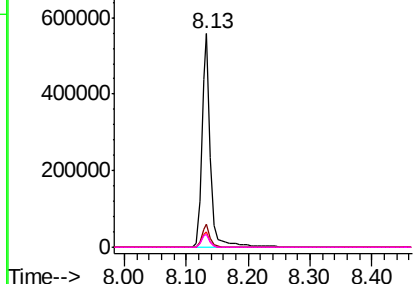
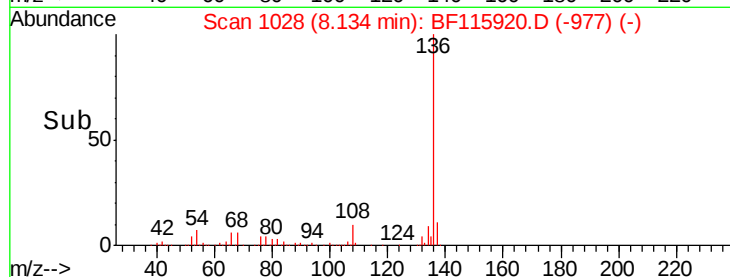
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115920.D
Acq: 1 Aug 2019 21:29

Instrument :
BNA_F
ClientSampleId :
20190730-LOC-13

Tgt Ion:	136	Resp:	549051
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.0	6.1	9.1
68	6.0	5.4	8.2

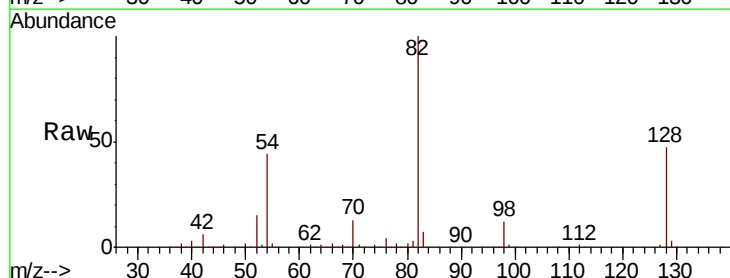


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

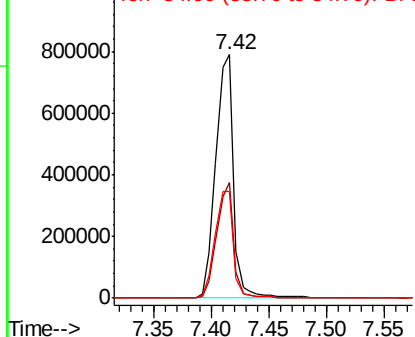
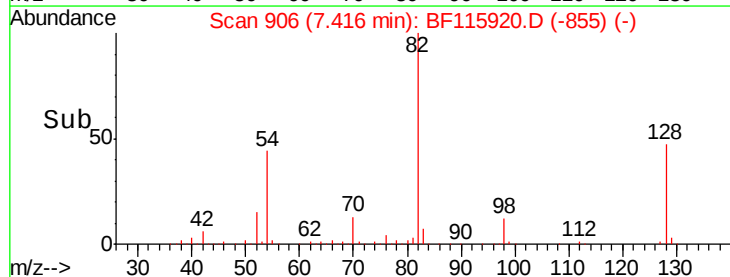


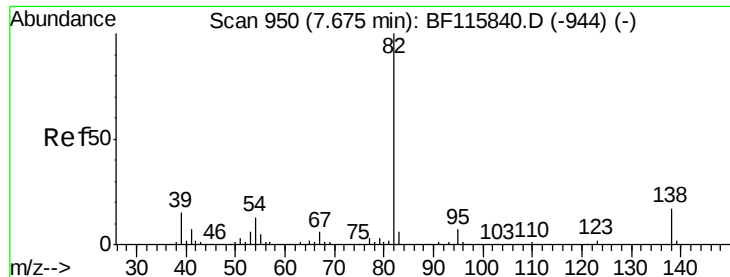
#23
Nitrobenzene-d5
Concen: 89.896 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115920.D
Acq: 1 Aug 2019 21:29

Tgt Ion:	82	Resp:	855071
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.6	55.0
54	43.9	36.6	55.0



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: 47.013 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115920.D

Acq: 1 Aug 2019 21:29

Instrument :

BNA_F

ClientSampleId :

20190730-LOC-13

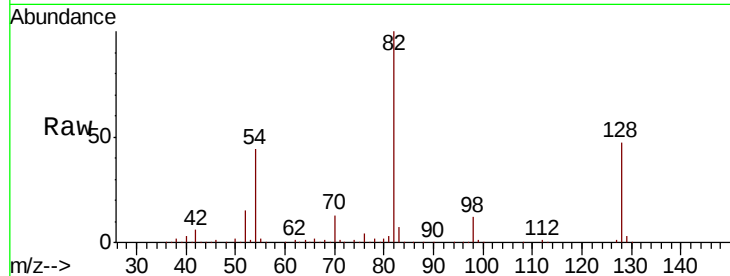
Tgt Ion: 82 Resp: 855066

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

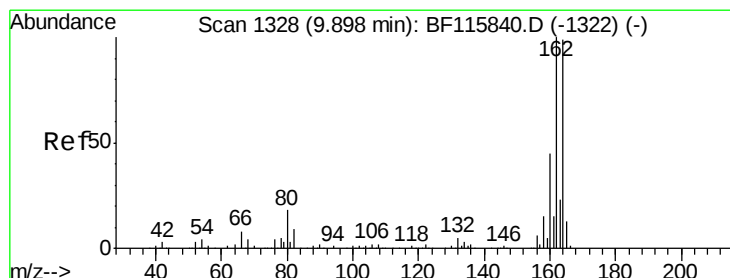
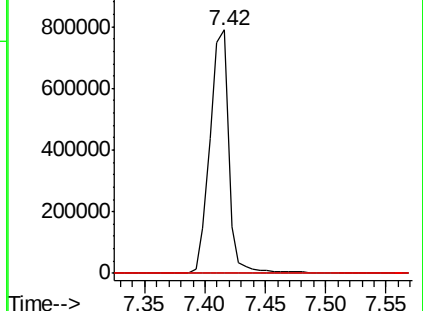
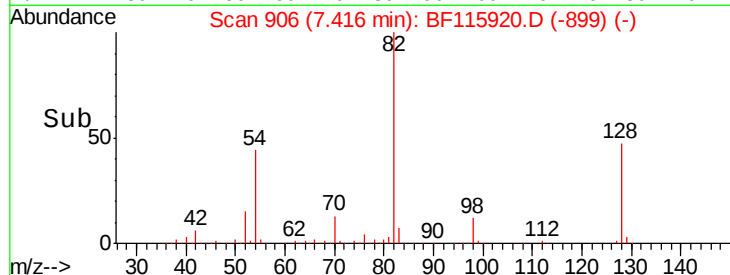
138 0.0 13.9 20.9#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115920.D

Acq: 1 Aug 2019 21:29

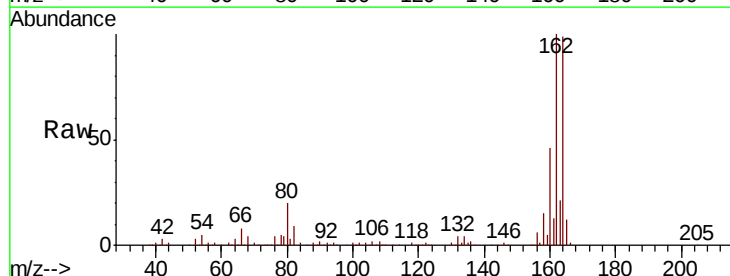
Tgt Ion: 164 Resp: 279518

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

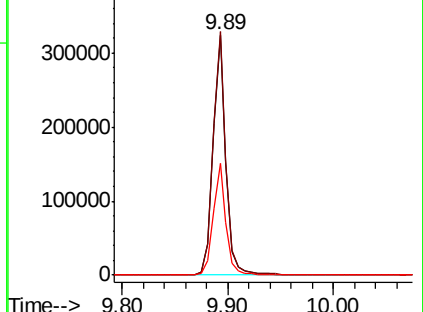
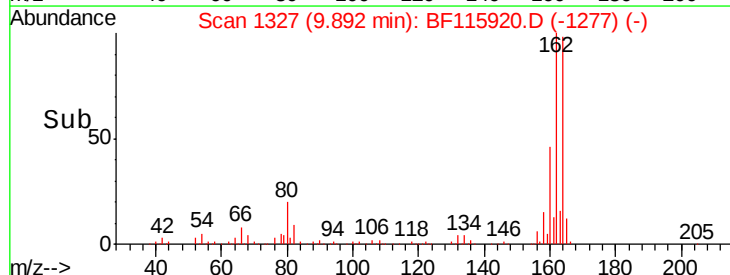
160 46.7 36.2 54.4

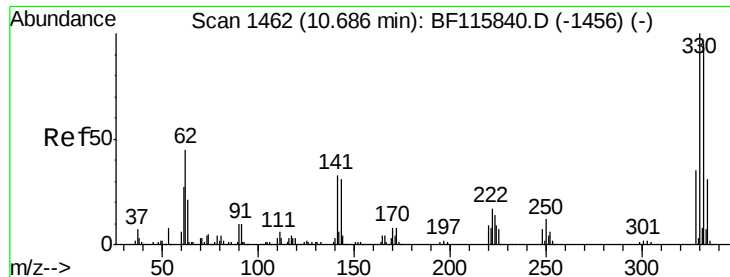


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

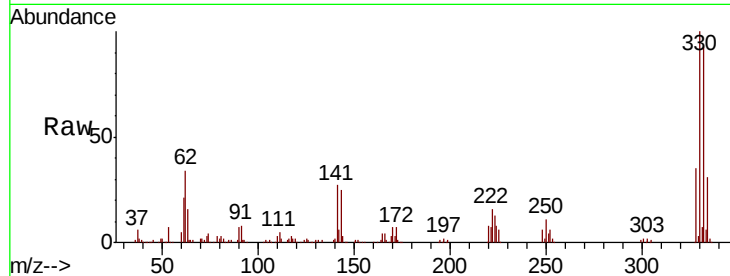




#42
 2,4,6-Tribromophenol
 Concen: 122.003 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115920.D
 Acq: 1 Aug 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :
 20190730-LOC-13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.7	116.5
141	33.8	28.1	42.1

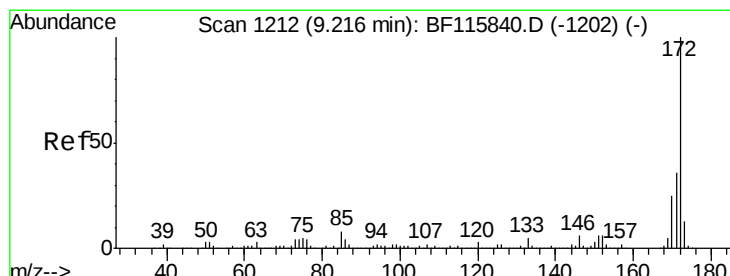
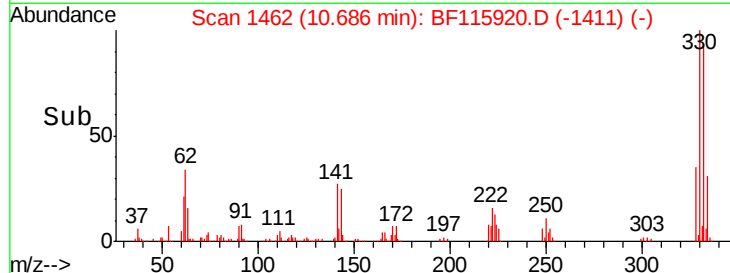
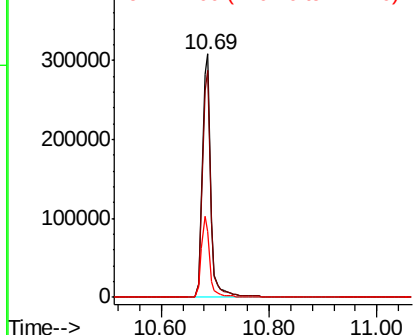


Abundance

Ion 329.80 (329.50 to 330.50): E

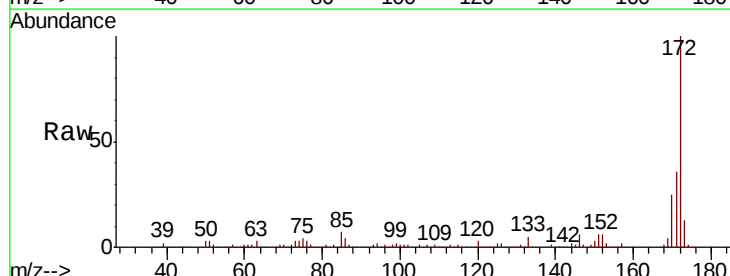
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.971 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115920.D
 Acq: 1 Aug 2019 21:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.1	43.7
170	25.1	20.1	30.1

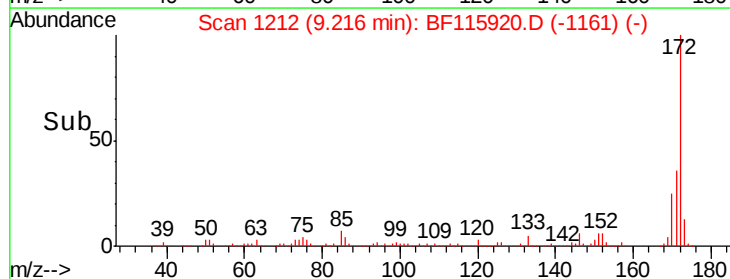
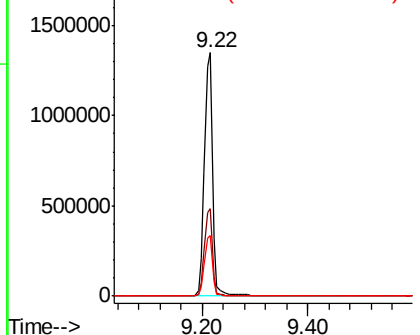


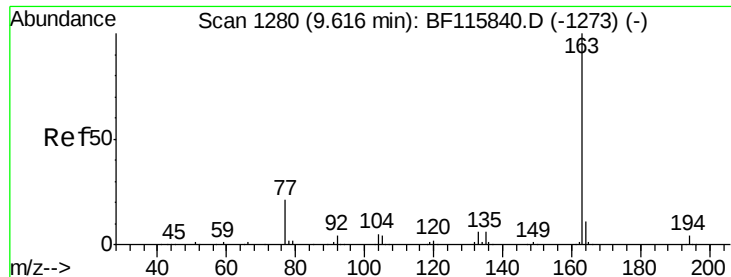
Abundance

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

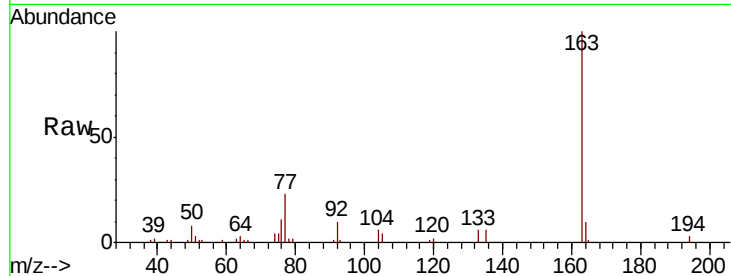




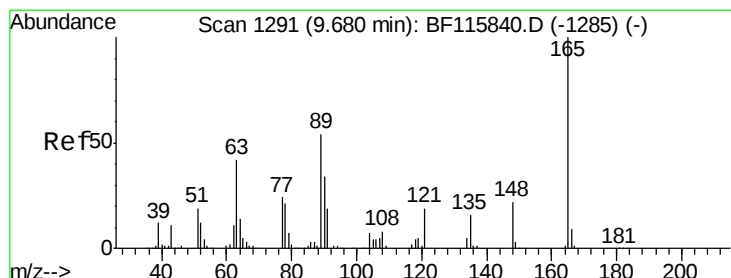
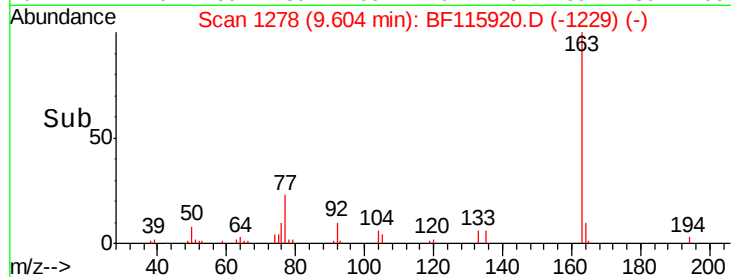
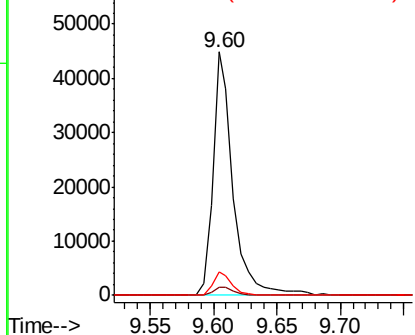
#50
Dimethylphthalate
Concen: 2.601 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115920.D
Acq: 1 Aug 2019 21:29

Instrument :
BNA_F
ClientSampleId :
20190730-LOC-13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	9.9	8.4	12.6

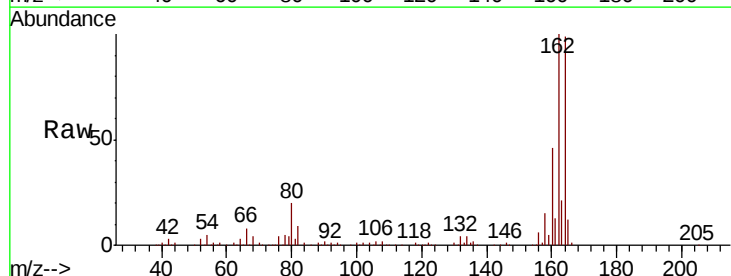


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

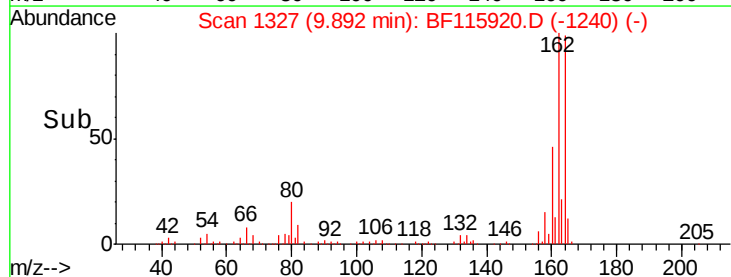
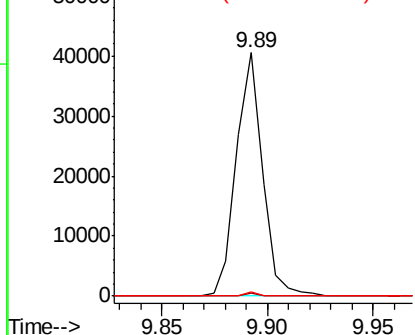


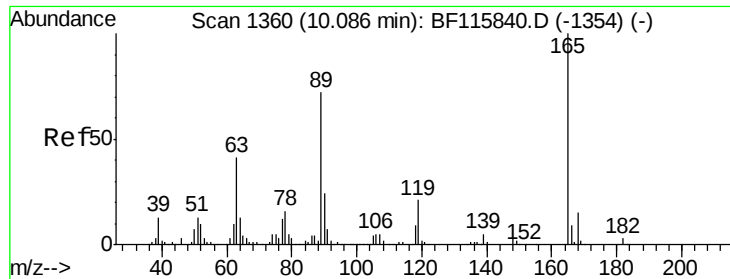
#51
2,6-Dinitrotoluene
Concen: 8.423 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF115920.D
Acq: 1 Aug 2019 21:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.4	59.2#
89	1.6	43.0	64.6#



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





#57

2,4-Dinitrotoluene

Concen: 6.327 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115920.D

Acq: 1 Aug 2019 21:29

Instrument :

BNA_F

ClientSampleId :

20190730-LOC-13

Tgt Ion:165 Resp: 34839

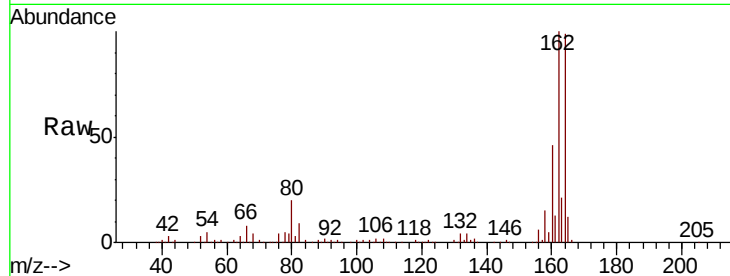
Ion Ratio Lower Upper

165 100

63 1.1 33.2 49.8#

89 1.6 57.3 85.9#

182 0.0 2.1 3.1#

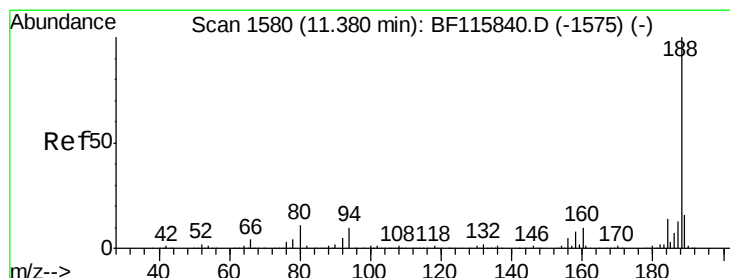
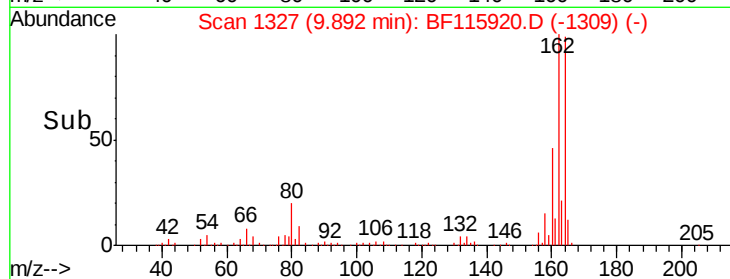
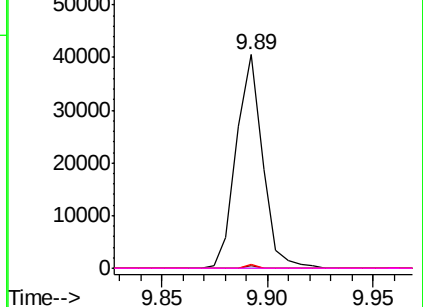


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115920.D

Acq: 1 Aug 2019 21:29

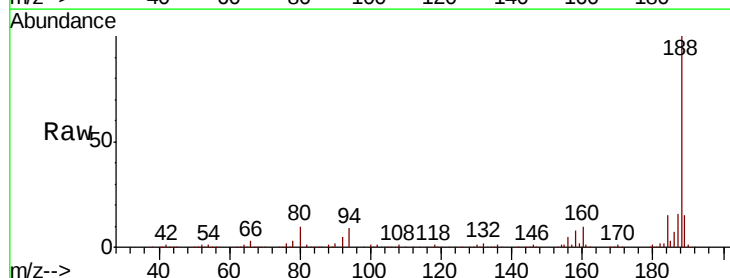
Tgt Ion:188 Resp: 445667

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

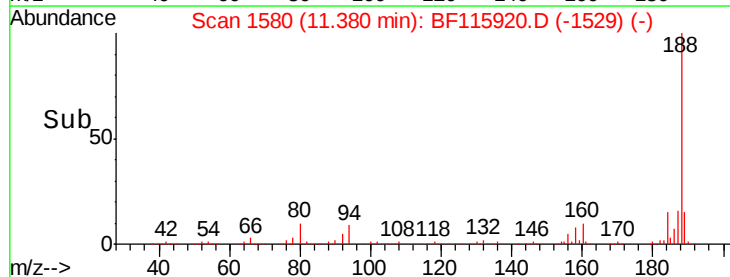
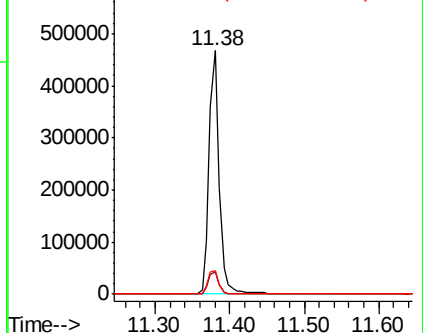
80 9.7 8.6 12.8

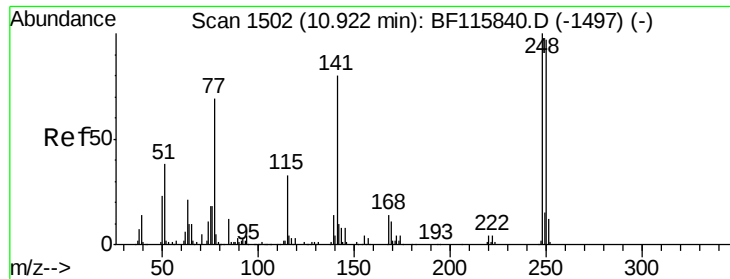


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

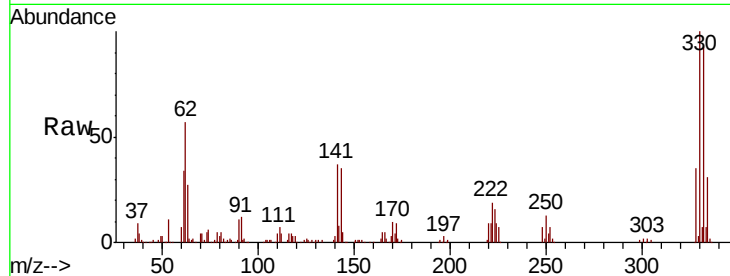




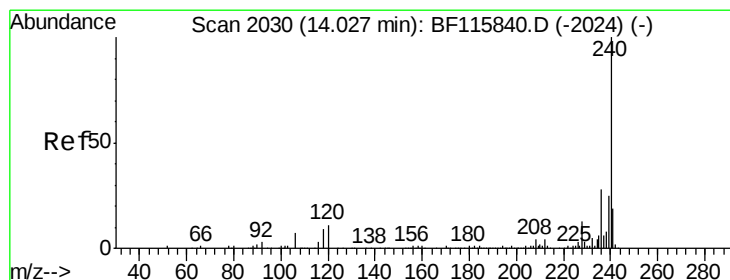
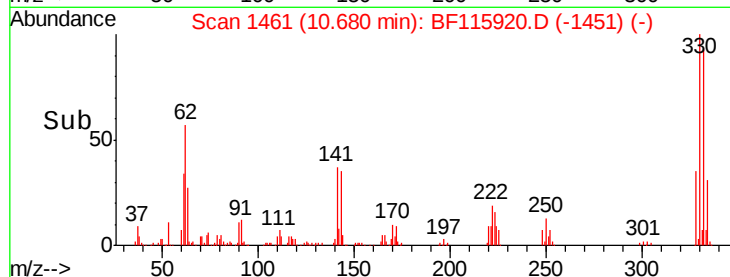
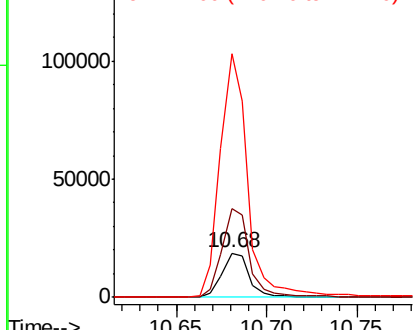
#67
 4-Bromophenyl-phenylether
 Concen: 4.154 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF115920.D
 Acq: 1 Aug 2019 21:29

Instrument :
 BNA_F
 ClientSampleId :
 20190730-LOC-13

Tgt Ion:248 Resp: 19817
 Ion Ratio Lower Upper
 248 100
 250 199.1 77.8 116.6#
 141 546.7 64.3 96.5#

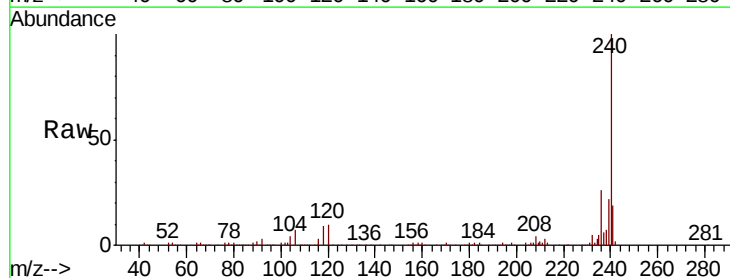


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

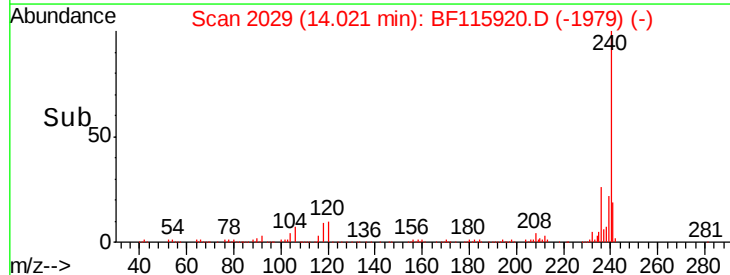
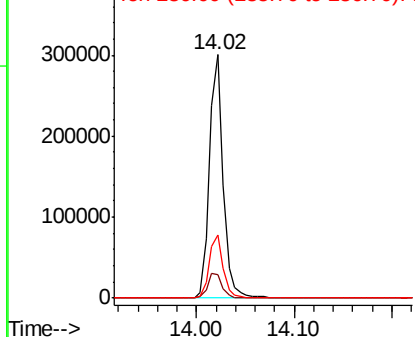


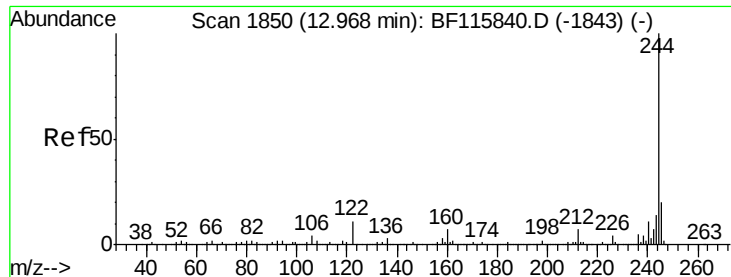
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115920.D
 Acq: 1 Aug 2019 21:29

Tgt Ion:240 Resp: 292914
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.5 12.7
 236 26.2 22.2 33.2



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: 93.043 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115920.D

Acq: 1 Aug 2019 21:29

Instrument :

BNA_F

ClientSampleId :

20190730-LOC-13

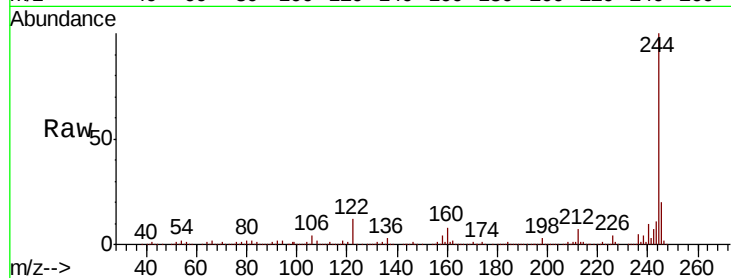
Tgt Ion:244 Resp: 1293383

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

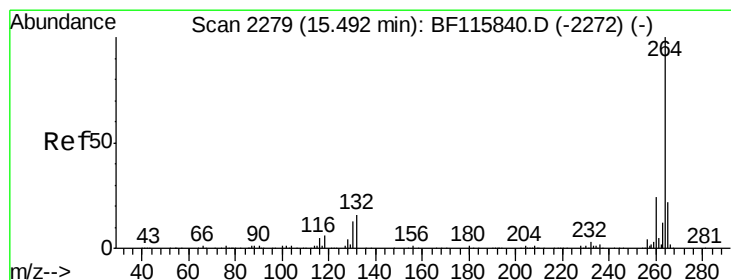
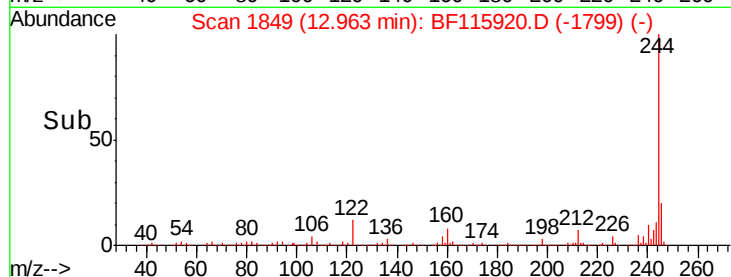
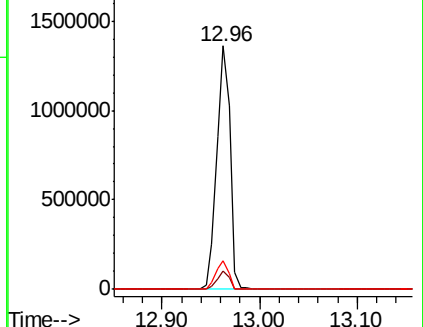
122 12.0 8.6 13.0



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF115920.D

Acq: 1 Aug 2019 21:29

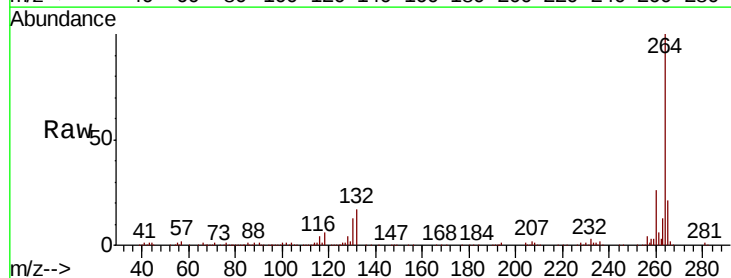
Tgt Ion:264 Resp: 356574

Ion Ratio Lower Upper

264 100

260 25.5 19.4 29.2

265 21.2 17.5 26.3



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

