

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115916.D
 Acq On : 1 Aug 2019 19:42
 Operator : HP/JU
 Sample : K4066-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Quant Time: Aug 02 05:01:24 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

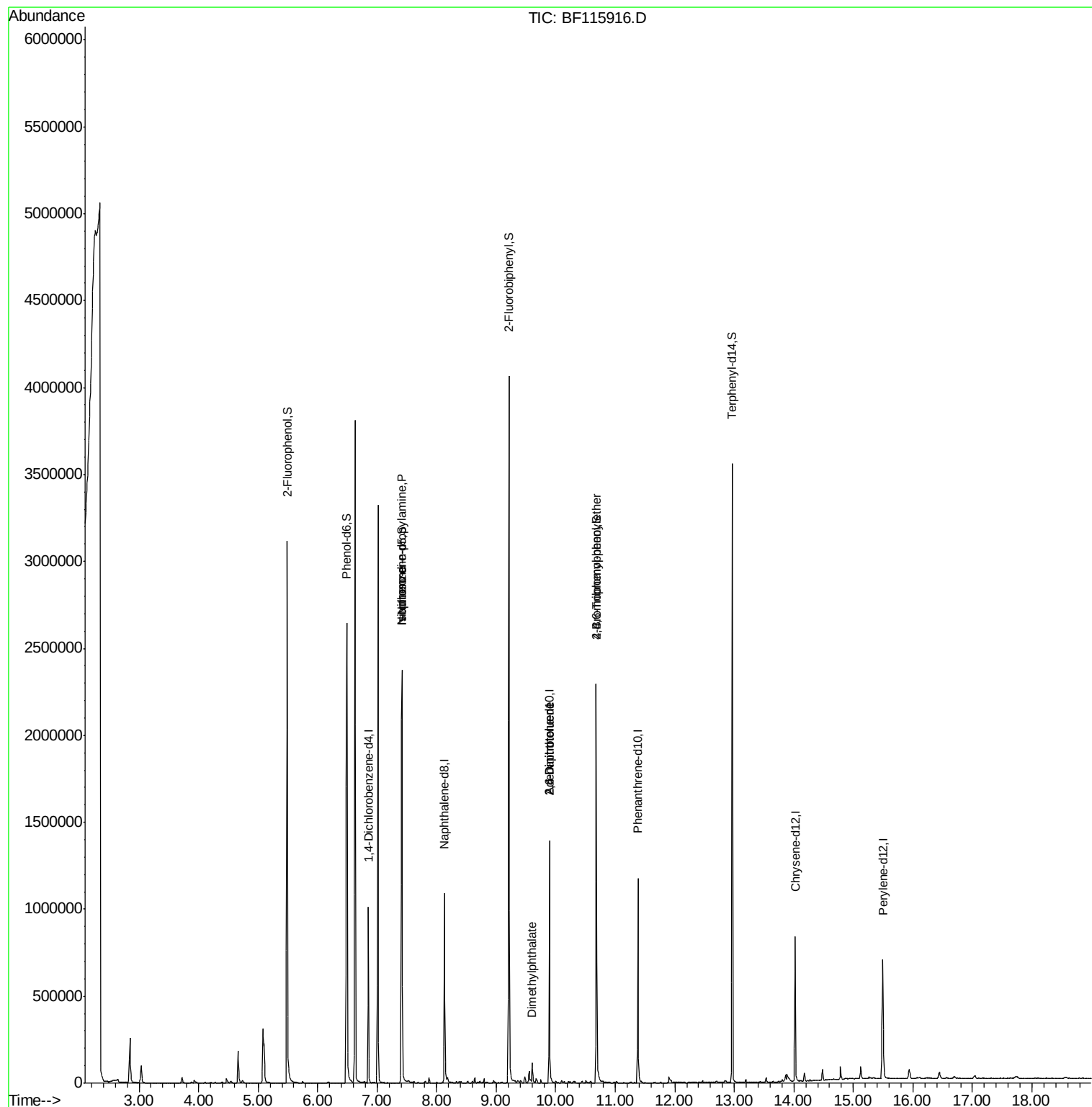
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	137046	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	516434	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	268784	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	423836	20.00	ng	0.00
76) Chrysene-d12	14.02	240	282531	20.00	ng	0.00
87) Perylene-d12	15.49	264	341950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	945524	115.50	ng	0.02
7) Phenol-d6	6.49	99	1119360	108.37	ng	0.00
23) Nitrobenzene-d5	7.42	82	850737	95.09	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	331575	127.24	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1435382	100.03	ng	0.00
79) Terphenyl-d14	12.96	244	1286094	95.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	114918	17.955	ng	# 77
25) Isophorone	7.42	82	850726	49.728	ng	# 66
50) Dimethylphthalate	9.60	163	54311	2.968	ng	# 98
51) 2,6-Dinitrotoluene	9.89	165	34710	8.727	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	34710	6.555	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	20651	4.552	ng	# 1

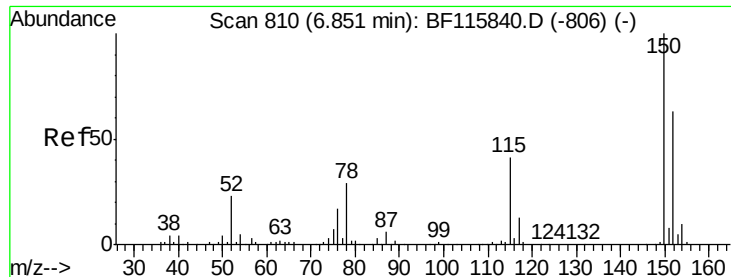
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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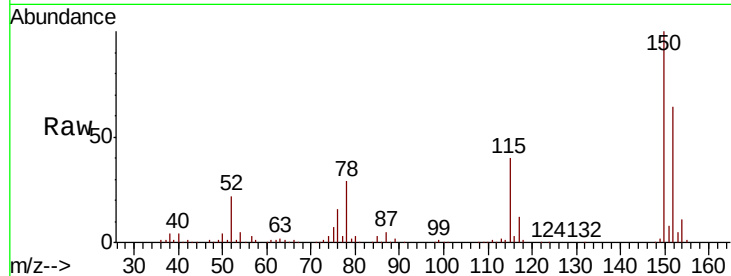


#1

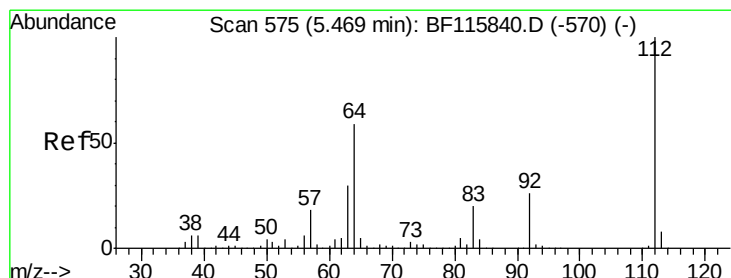
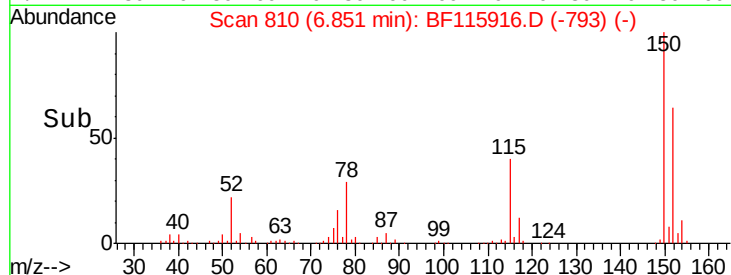
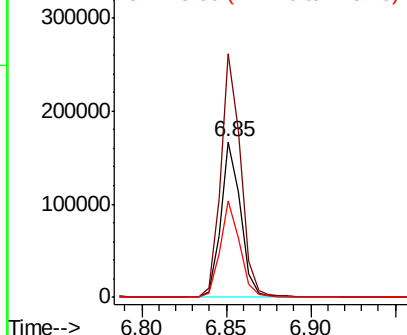
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115916.D
Acq: 1 Aug 2019 19:42

Instrument :
BNA_F
ClientSampleId :
TP-12

Tgt Ion:152 Resp: 137046
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.0
115 62.4 51.8 77.8



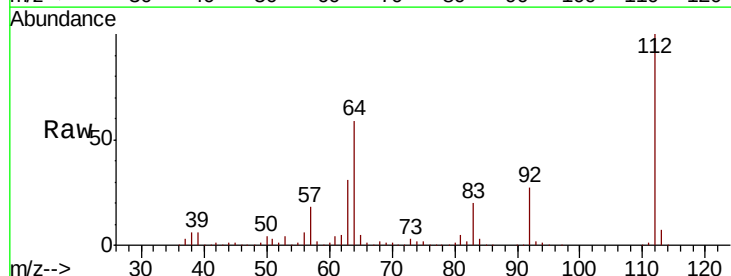
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



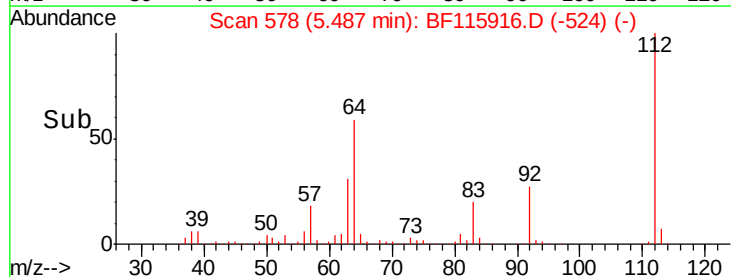
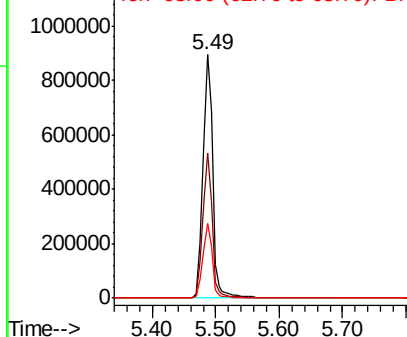
#5

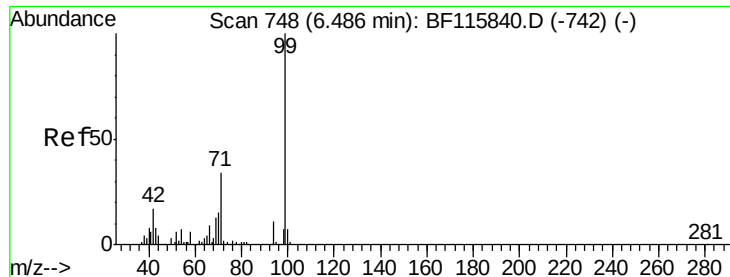
2-Fluorophenol
Concen: 115.499 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115916.D
Acq: 1 Aug 2019 19:42

Tgt Ion:112 Resp: 945524
Ion Ratio Lower Upper
112 100
64 59.5 46.8 70.2
63 30.8 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: 108.374 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115916.D

Acq: 1 Aug 2019 19:42

Instrument :

BNA_F

ClientSampleId :

TP-12

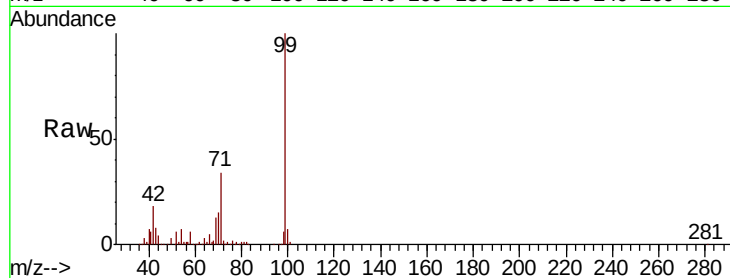
Tgt Ion: 99 Resp: 1119360

Ion Ratio Lower Upper

99 100

42 17.6 13.8 20.6

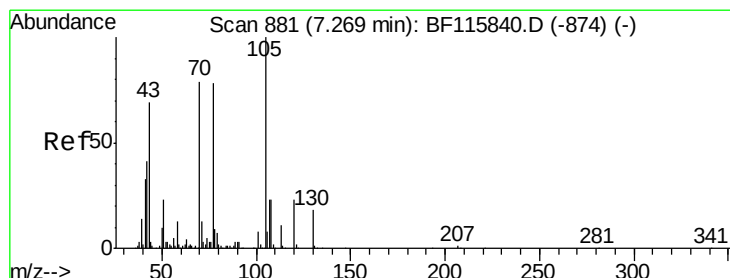
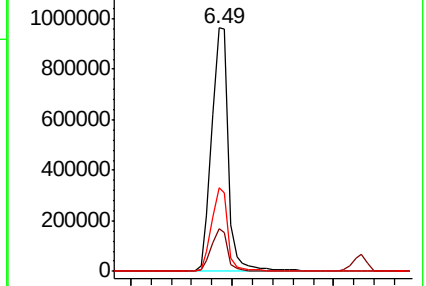
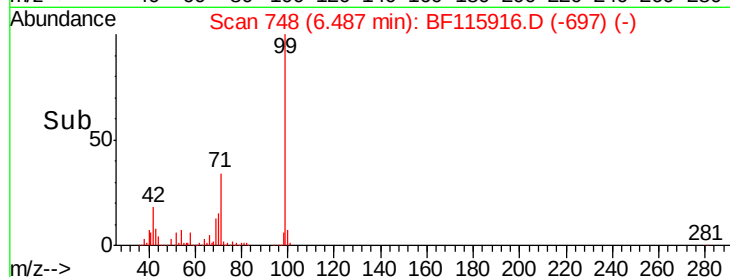
71 34.4 27.1 40.7



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: 17.955 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115916.D

Acq: 1 Aug 2019 19:42

Tgt Ion: 70 Resp: 114918

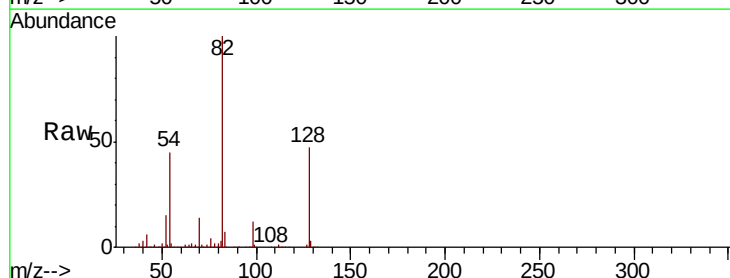
Ion Ratio Lower Upper

70 100

42 41.8 41.8 62.8#

101 0.0 7.7 11.5#

130 2.2 17.8 26.6#

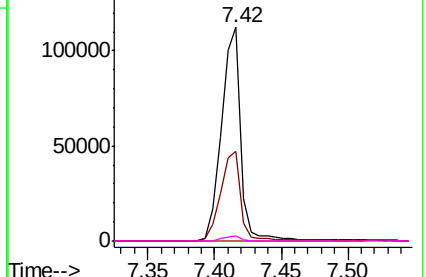
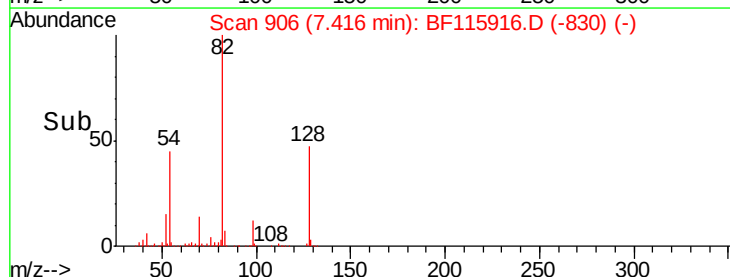


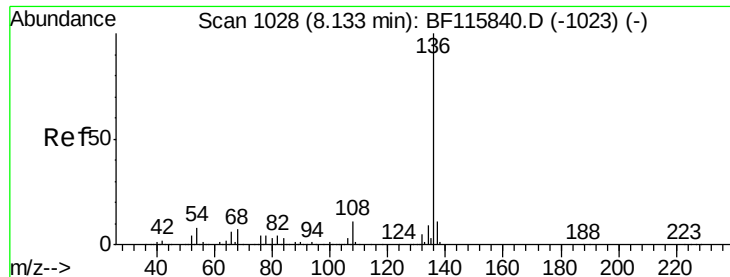
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

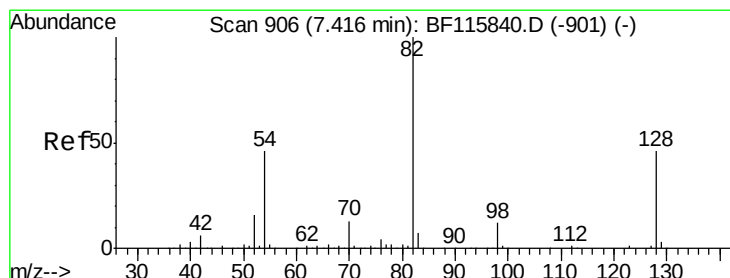
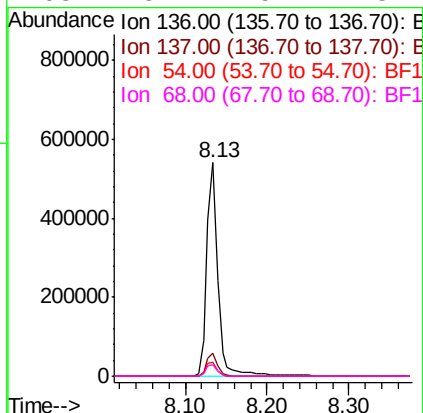
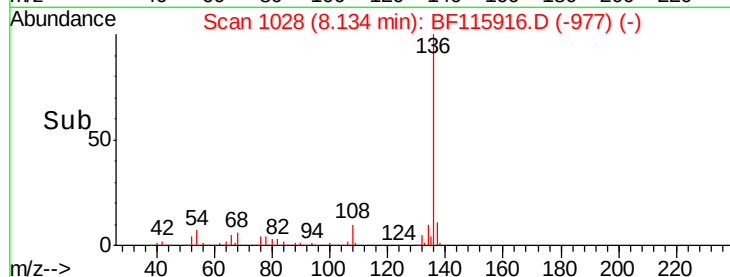
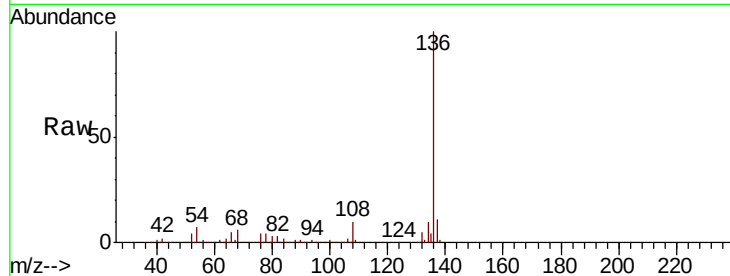




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115916.D
Acq: 1 Aug 2019 19:42

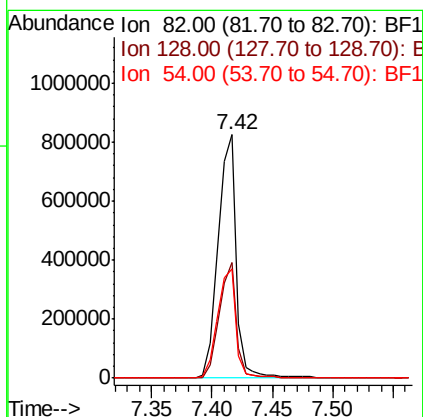
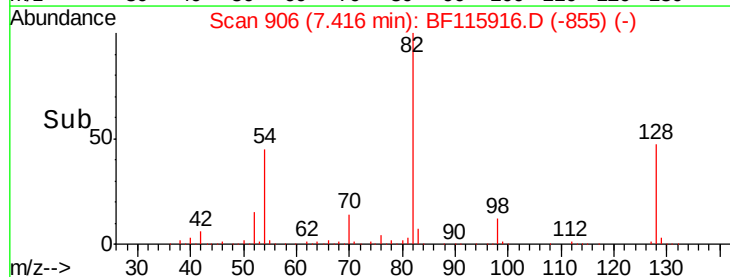
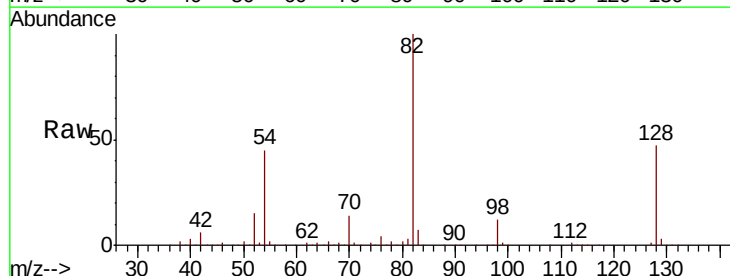
Instrument :
BNA_F
ClientSampleId :
TP-12

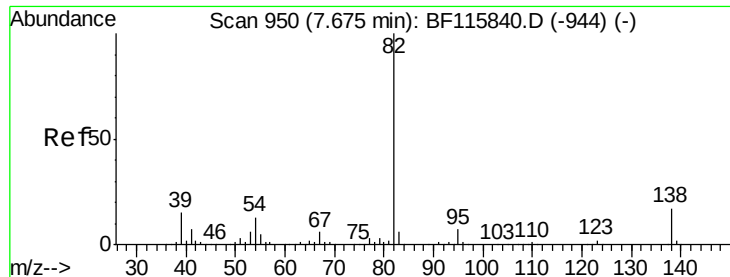
Tgt Ion:	136	Resp:	516434
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.9	6.1	9.1
68	5.7	5.4	8.2



#23
Nitrobenzene-d5
Concen: 95.089 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115916.D
Acq: 1 Aug 2019 19:42

Tgt Ion:	82	Resp:	850737
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.6	55.0
54	44.9	36.6	55.0





#25

Isophorone

Concen: 49.728 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115916.D

Acq: 1 Aug 2019 19:42

Instrument :

BNA_F

ClientSampled :

TP-12

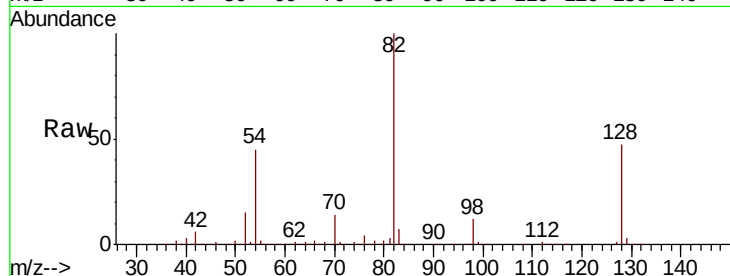
Tgt Ion: 82 Resp: 850726

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

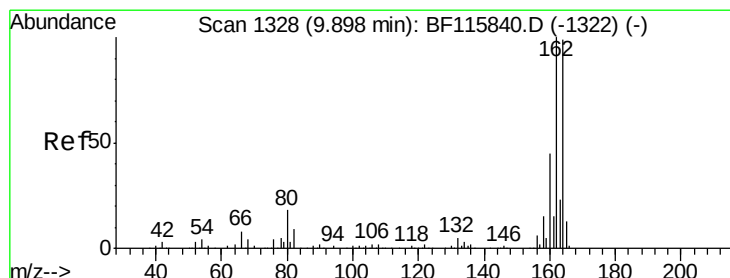
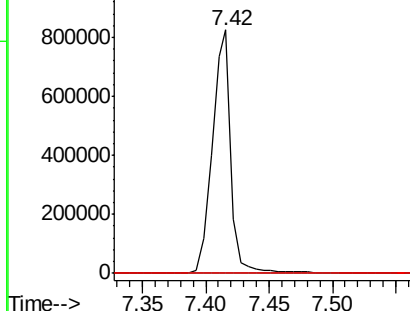
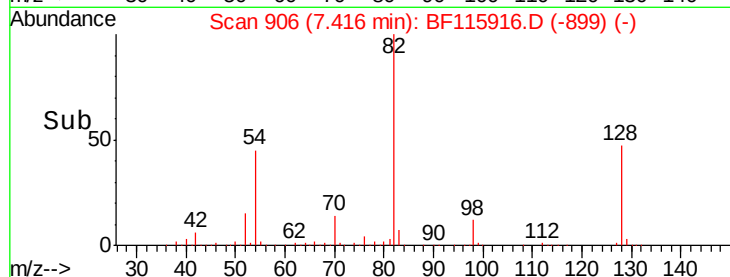
138 0.0 13.9 20.9#



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: BF115916.D

Acq: 1 Aug 2019 19:42

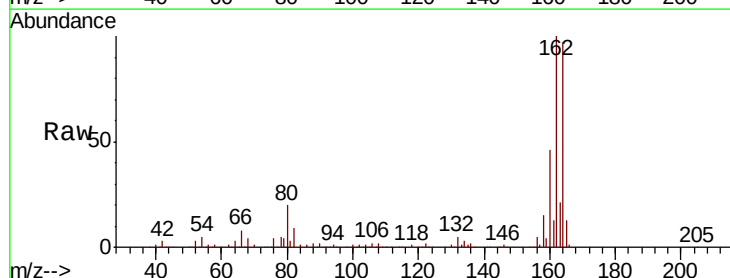
Tgt Ion: 164 Resp: 268784

Ion Ratio Lower Upper

164 100

162 103.4 80.8 121.2

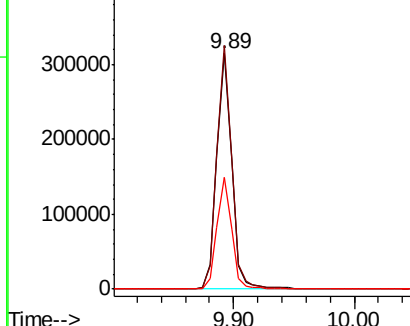
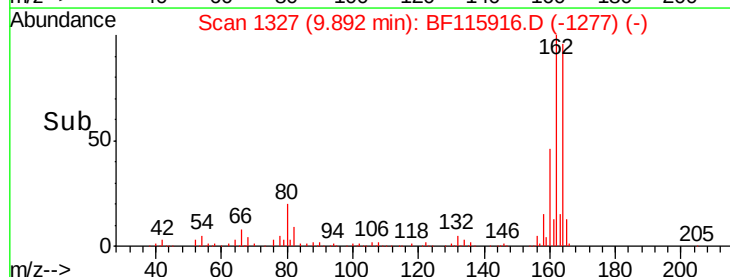
160 47.5 36.2 54.4

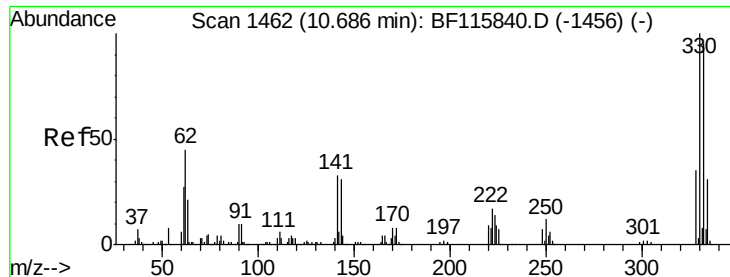


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

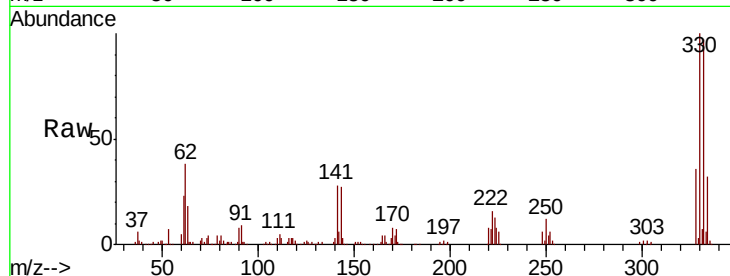




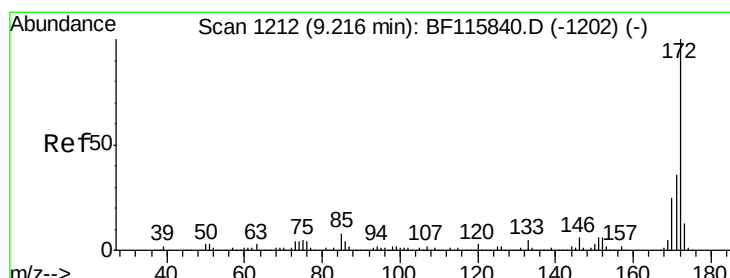
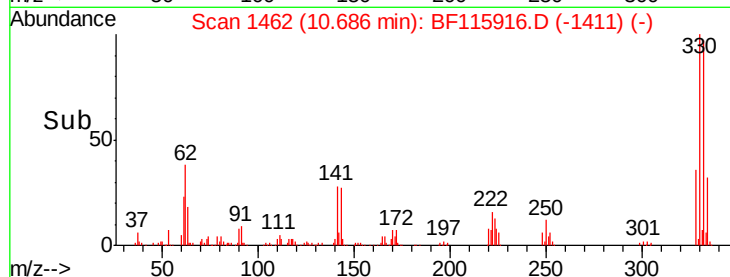
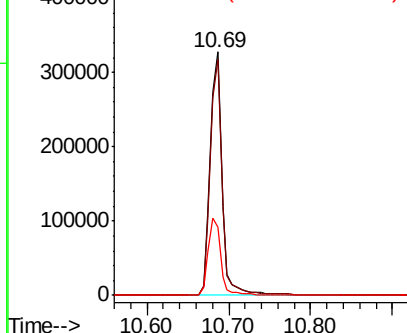
#42
 2,4,6-Tribromophenol
 Concen: 127.238 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115916.D
 Acq: 1 Aug 2019 19:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tgt Ion:330 Resp: 331575
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.7 116.5
 141 34.3 28.1 42.1

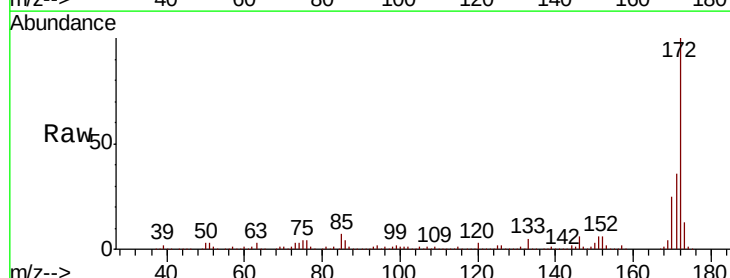


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

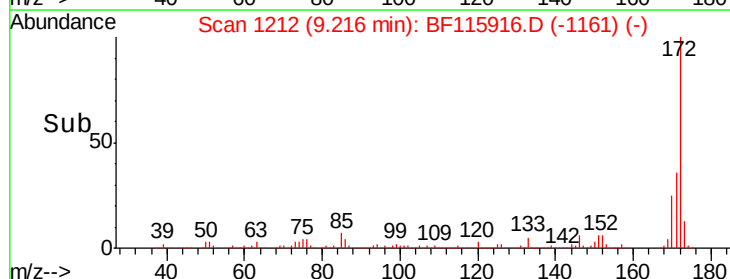
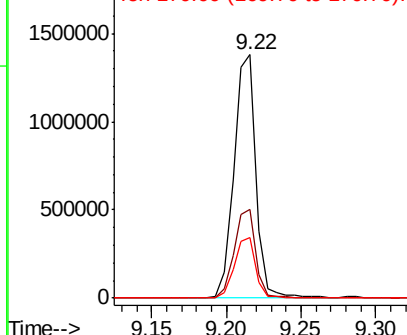


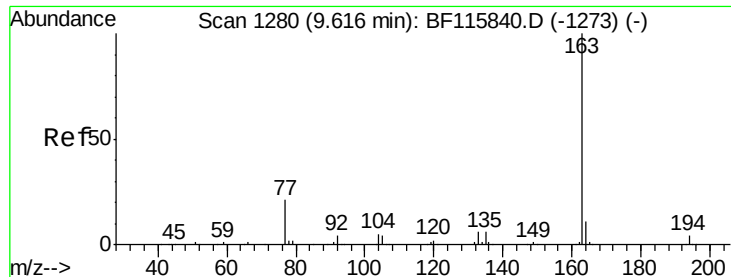
#45
 2-Fluorobiphenyl
 Concen: 100.027 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115916.D
 Acq: 1 Aug 2019 19:42

Tgt Ion:172 Resp: 1435382
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.1 43.7
 170 24.9 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

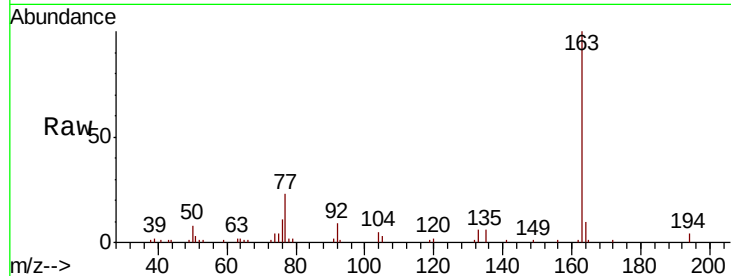




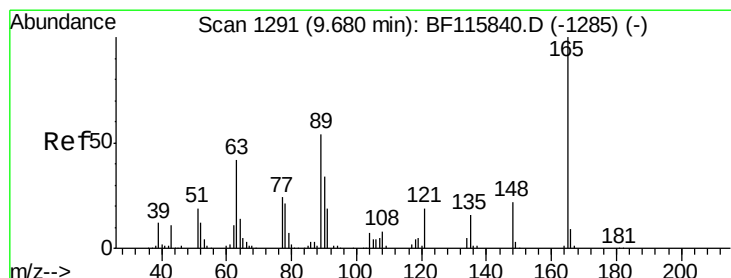
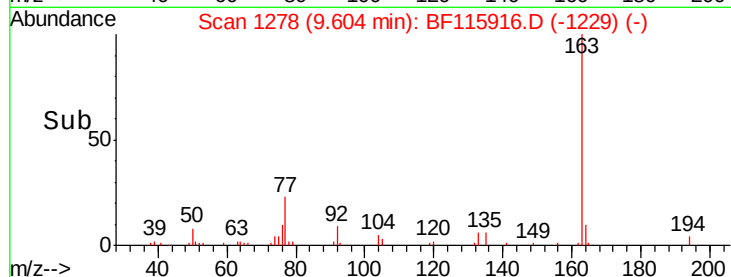
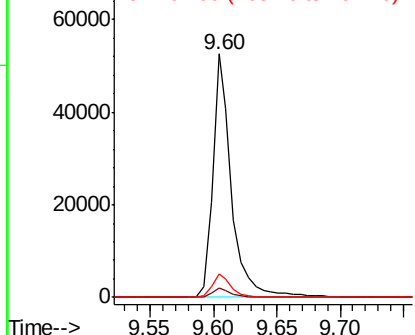
#50
Dimethylphthalate
Concen: 2.968 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115916.D
Acq: 1 Aug 2019 19:42

Instrument :
BNA_F
ClientSampleId :
TP-12

Tgt Ion:163 Resp: 54311
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.7 8.4 12.6

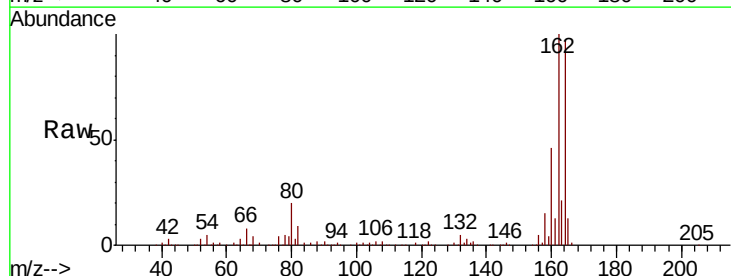


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

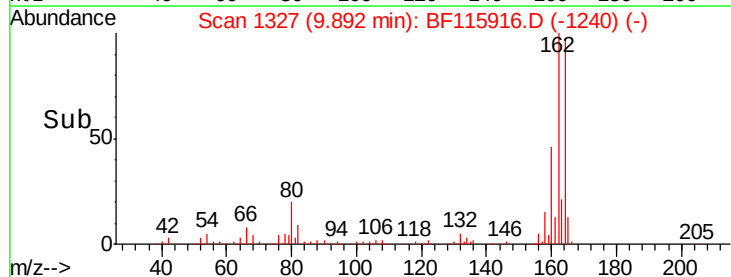
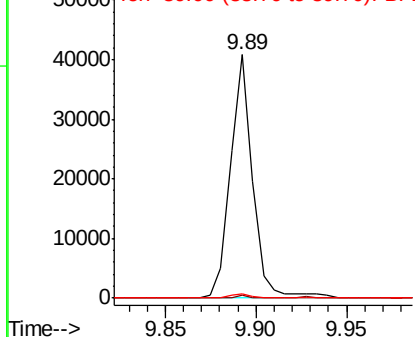


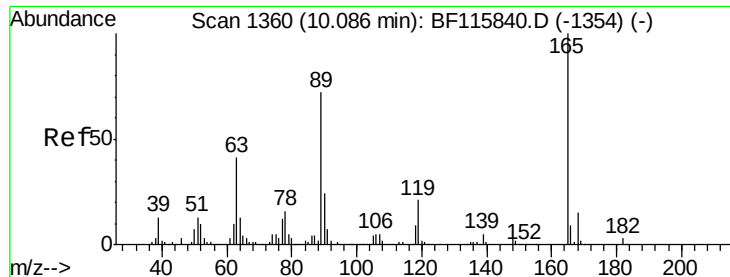
#51
2,6-Dinitrotoluene
Concen: 8.727 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF115916.D
Acq: 1 Aug 2019 19:42

Tgt Ion:165 Resp: 34710
Ion Ratio Lower Upper
165 100
63 1.1 39.4 59.2#
89 1.5 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: 6.555 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115916.D

Acq: 1 Aug 2019 19:42

Instrument :

BNA_F

ClientSampleId :

TP-12

Tgt Ion:165 Resp: 34710

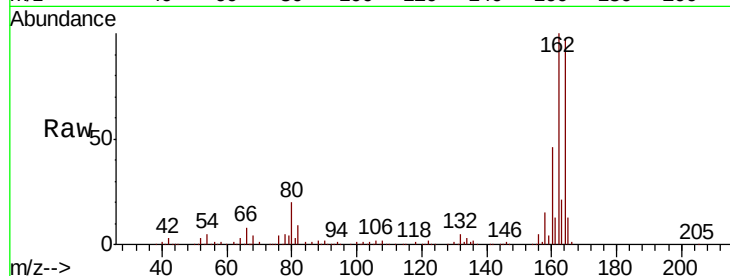
Ion Ratio Lower Upper

165 100

63 1.1 33.2 49.8#

89 1.5 57.3 85.9#

182 0.0 2.1 3.1#

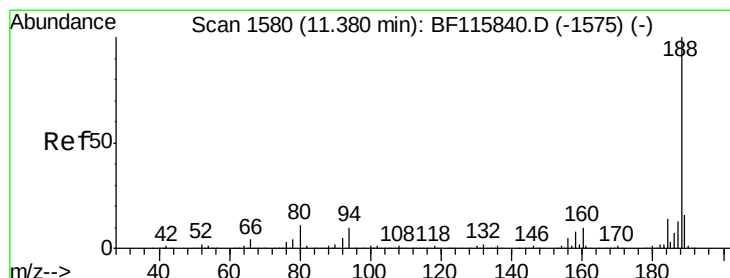
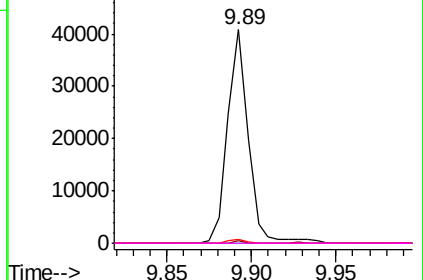
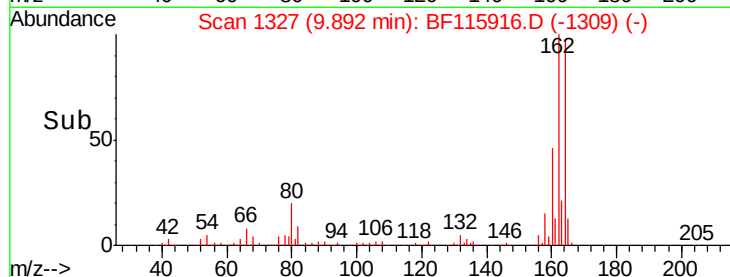


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF115916.D

Acq: 1 Aug 2019 19:42

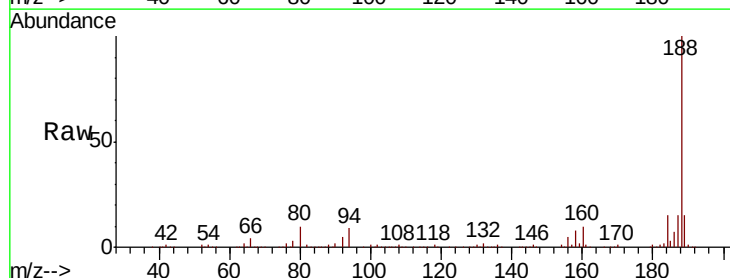
Tgt Ion:188 Resp: 423836

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

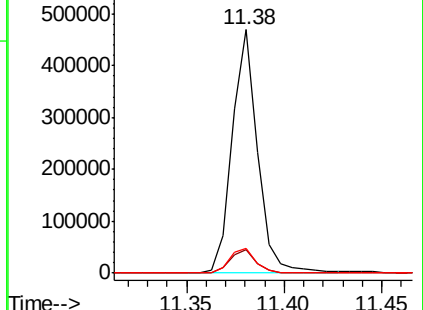
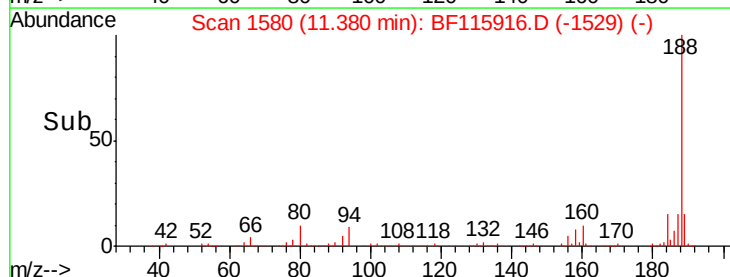
80 10.2 8.6 12.8

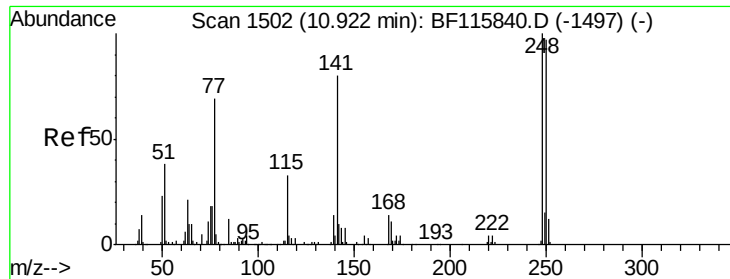


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

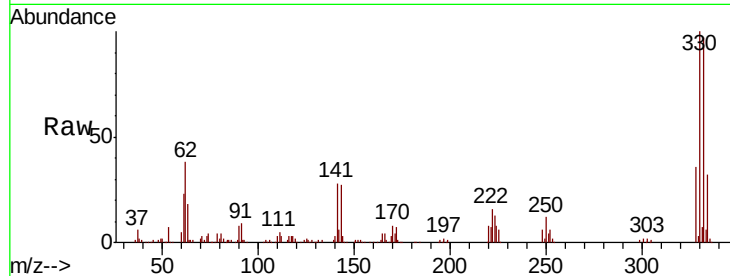




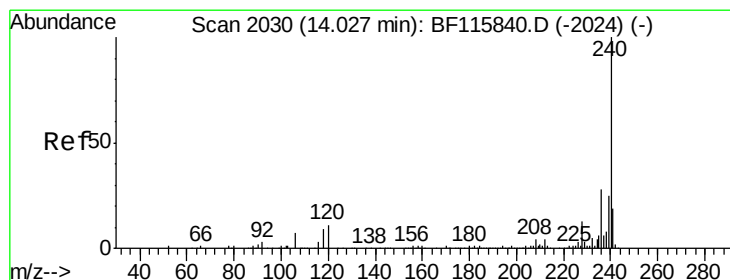
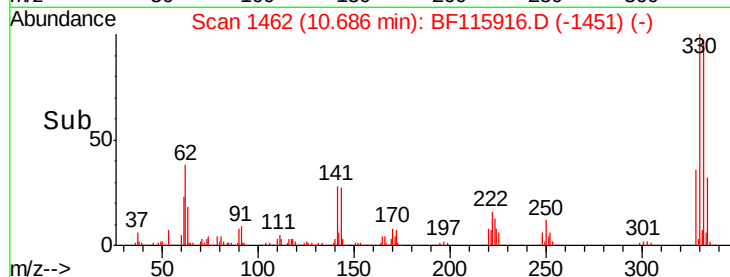
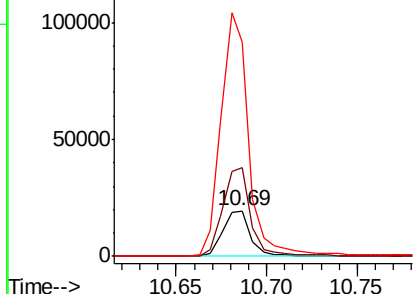
#67
 4-Bromophenyl-phenylether
 Concen: 4.552 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF115916.D
 Acq: 1 Aug 2019 19:42

Instrument :
 BNA_F
 ClientSampled :
 TP-12

Tgt Ion:248 Resp: 20651
 Ion Ratio Lower Upper
 248 100
 250 193.6 77.8 116.6#
 141 470.8 64.3 96.5#

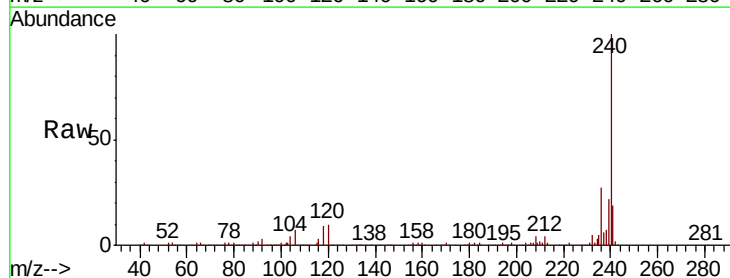


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

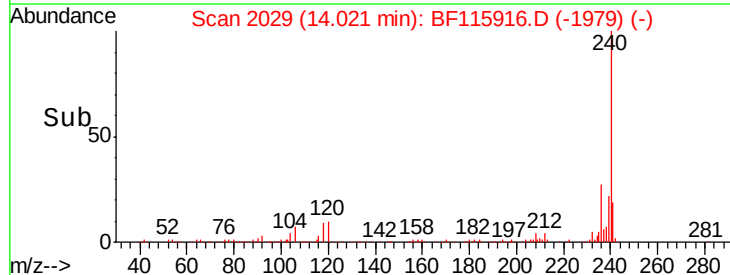
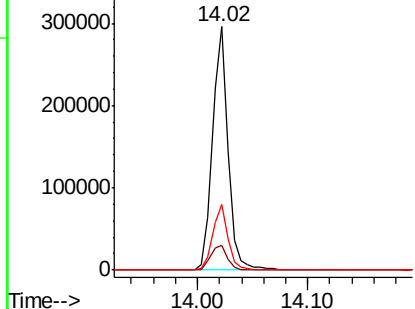


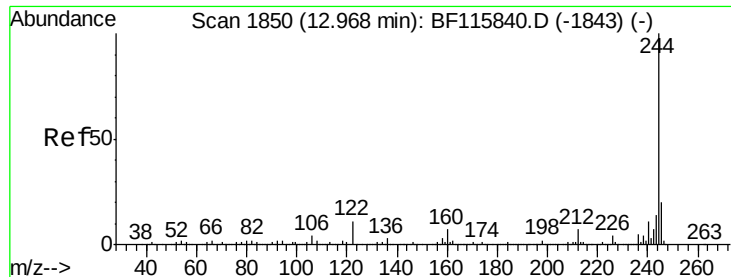
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115916.D
 Acq: 1 Aug 2019 19:42

Tgt Ion:240 Resp: 282531
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.5 12.7
 236 26.9 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

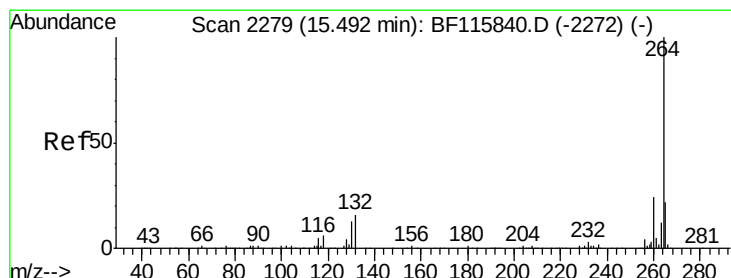
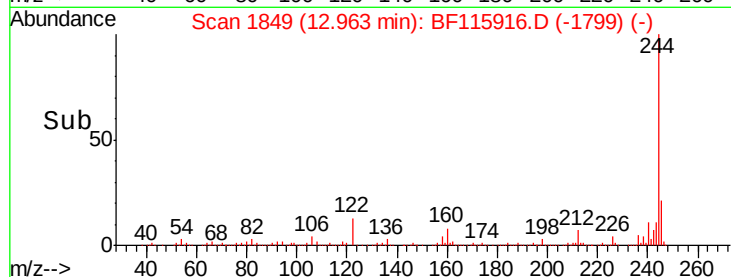
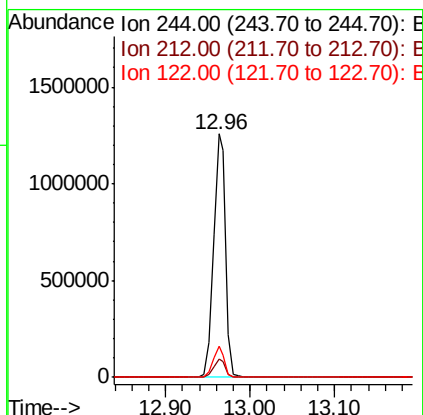
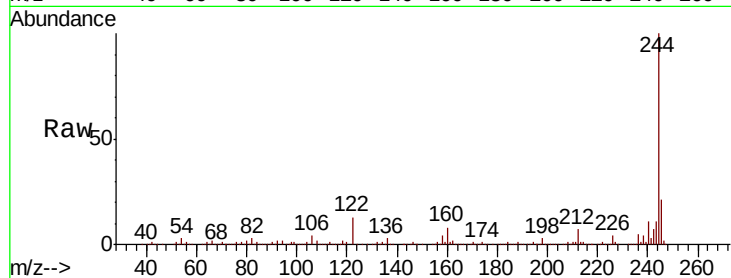




#79
 Terphenyl-d14
 Concen: 95.919 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115916.D
 Acq: 1 Aug 2019 19:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tgt Ion: 244 Resp: 1286094
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 12.6 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF115916.D
 Acq: 1 Aug 2019 19:42

Tgt Ion: 264 Resp: 341950
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 21.5 17.5 26.3

