

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
 Data File : BF115836.D
 Acq On : 29 Jul 2019 17:07
 Operator : HP/JU
 Sample : K4036-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 17:32:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

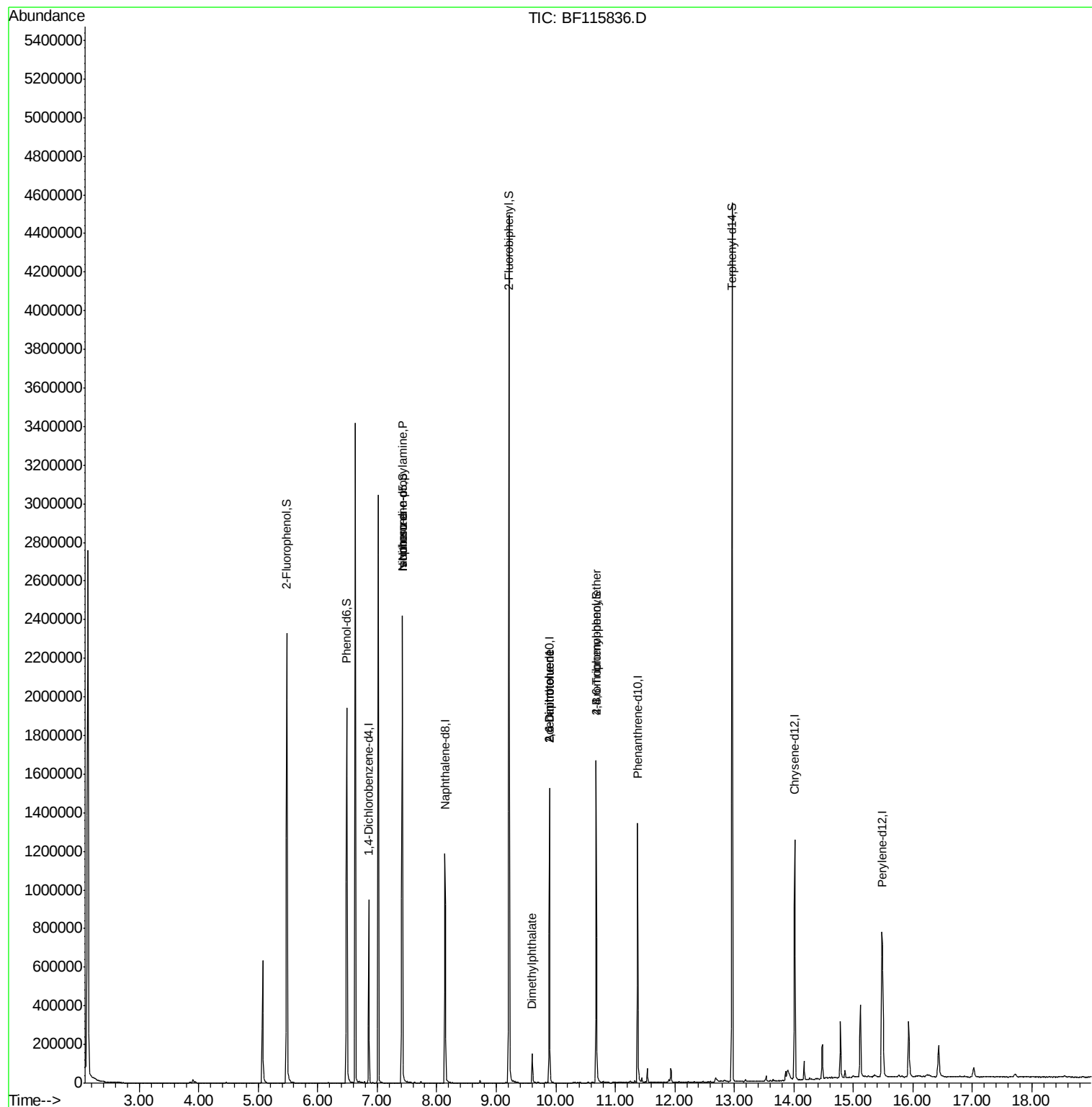
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	142432	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	541712	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	289841	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	524387	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	401472	20.00	ng	-0.02
87) Perylene-d12	15.48	264	360275	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	691049	79.36	ng	-0.01
7) Phenol-d6	6.49	99	696598	63.05	ng	-0.02
23) Nitrobenzene-d5	7.42	82	820918	88.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	202376	59.82	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	1431338	86.44	ng	-0.02
79) Terphenyl-d14	12.96	244	1621403	74.52	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	110683	15.360	ng	# 77
25) Isophorone	7.42	82	820909	44.035	ng	# 65
50) Dimethylphthalate	9.60	163	68038	3.120	ng	# 98
51) 2,6-Dinitrotoluene	9.89	165	36575	7.380	ng	# 25
57) 2,4-Dinitrotoluene	9.89	165	36575	5.697	ng	# 24
67) 4-Bromophenyl-phenylether	10.68	248	12364	2.063	ng	# 1

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

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Quant Time: Jul 29 17:32:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration



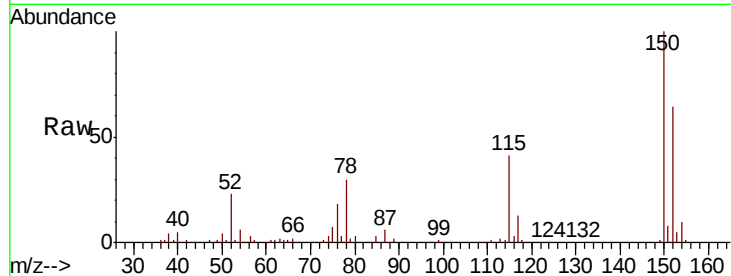


#1

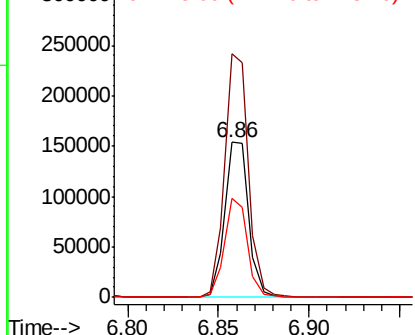
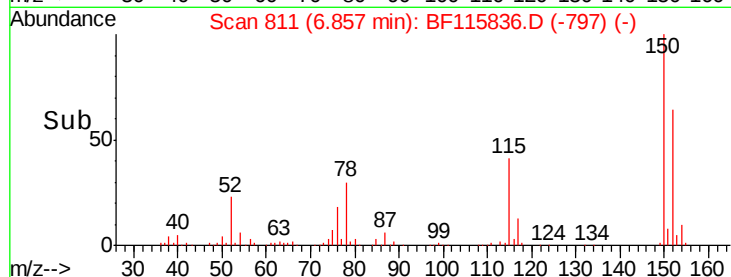
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 142432
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.6 189.8
 115 63.8 47.8 71.6



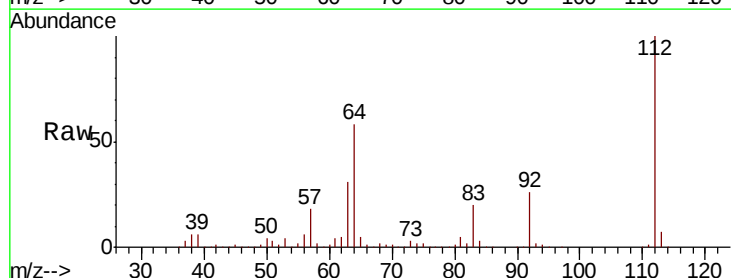
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



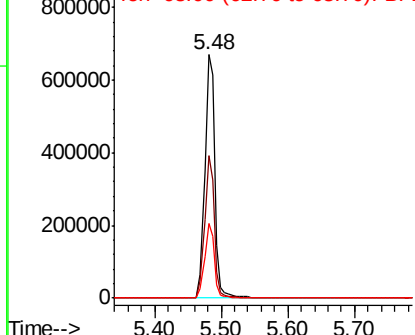
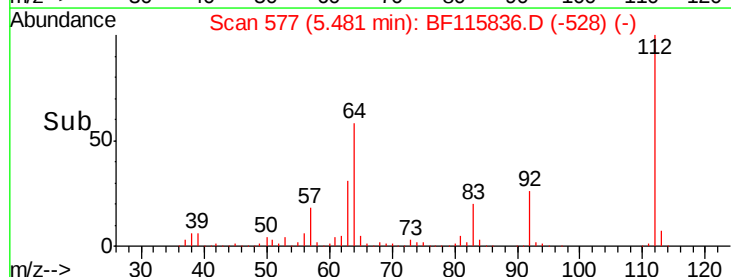
#5

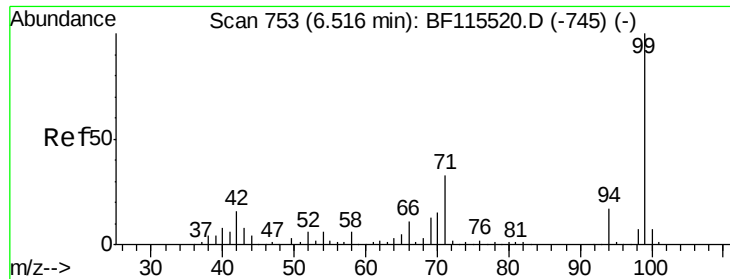
2-Fluorophenol
 Concen: 79.361 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 17:07

Tgt Ion:112 Resp: 691049
 Ion Ratio Lower Upper
 112 100
 64 58.4 45.8 68.8
 63 30.8 23.6 35.4



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: 63.046 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF115836.D

Acq: 29 Jul 2019 17:07

Instrument :

BNA_F

ClientSampled :

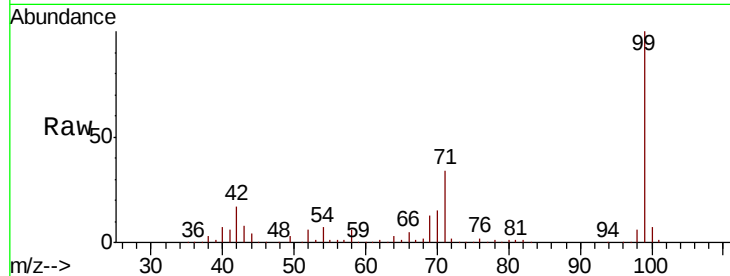
Tot Ion: 99 Resp: 696598

Ion Ratio Lower Upper

99 100

42 17.5 13.4 20.2

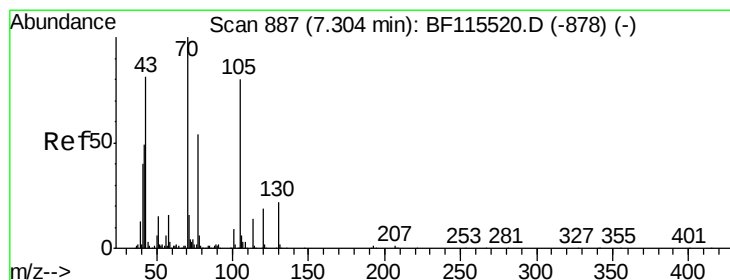
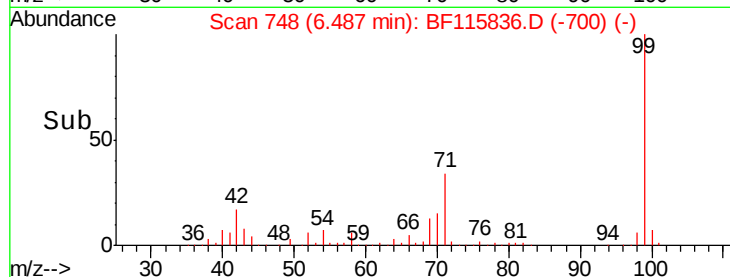
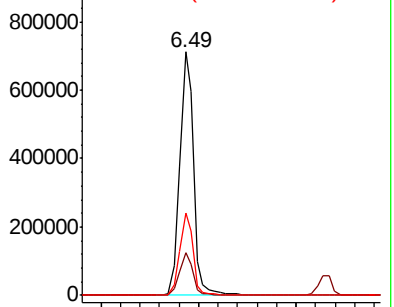
71 34.0 26.7 40.1



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: 15.360 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF115836.D

Acq: 29 Jul 2019 17:07

Tgt Ion: 70 Resp: 110683

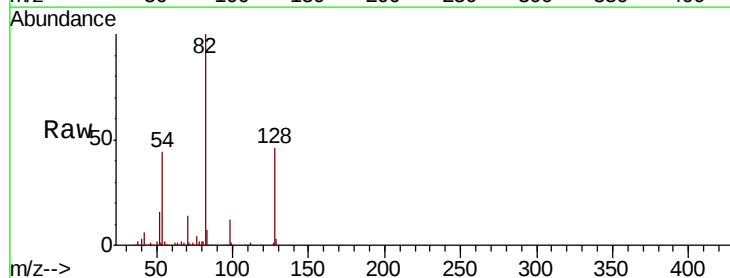
Ion Ratio Lower Upper

70 100

42 41.8 41.8 62.8#

101 0.0 7.6 11.4#

130 2.2 16.9 25.3#

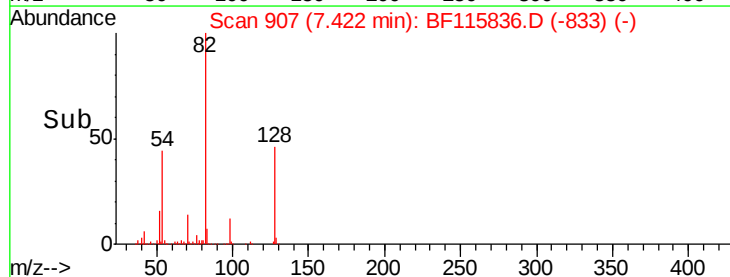
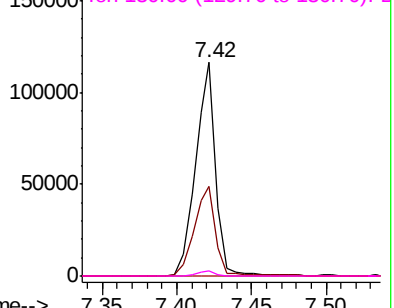


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

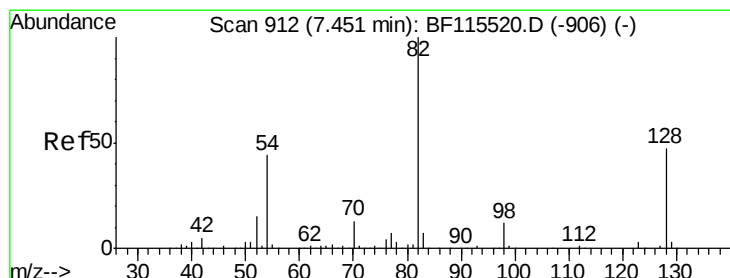
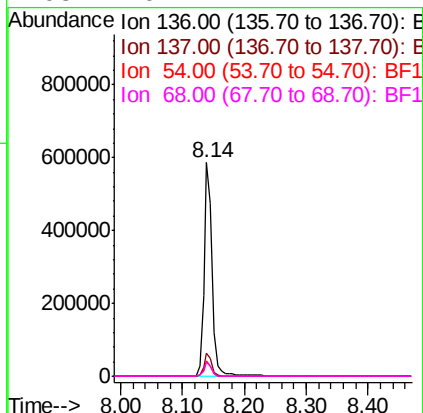
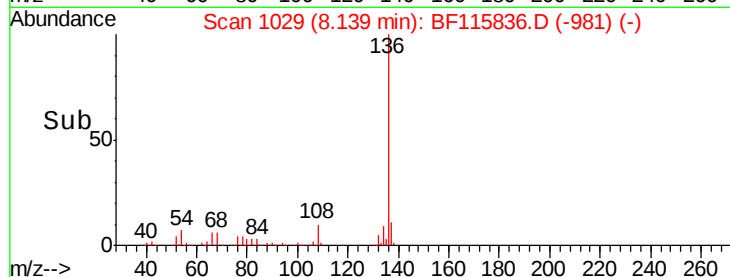
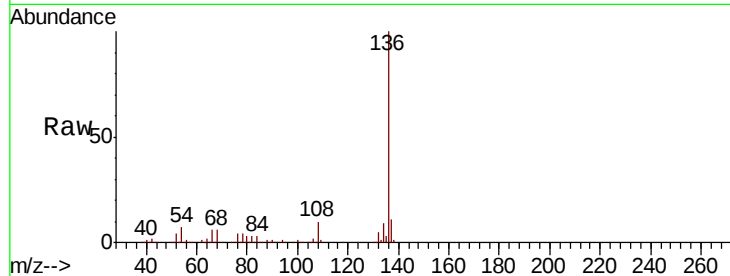




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF115836.D
Acq: 29 Jul 2019 17:07

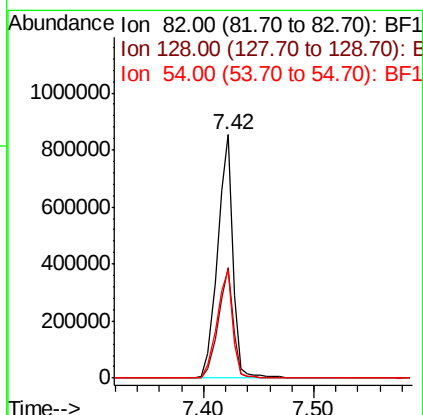
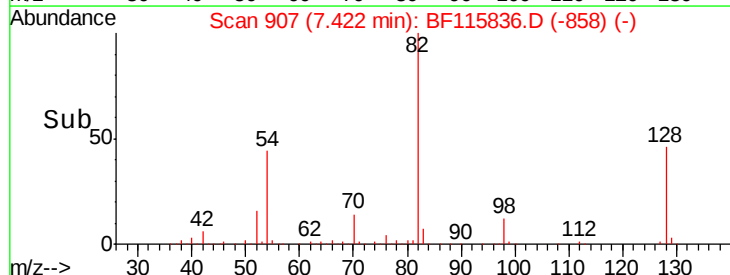
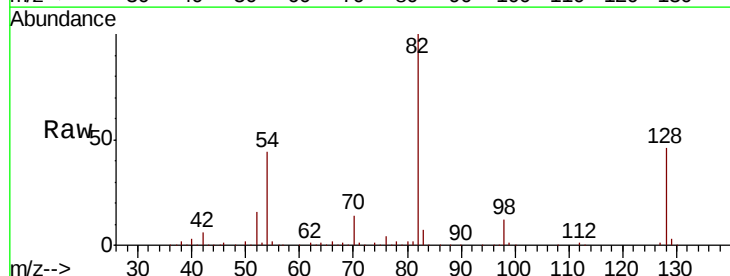
Instrument :
BNA_F
ClientSampleId :

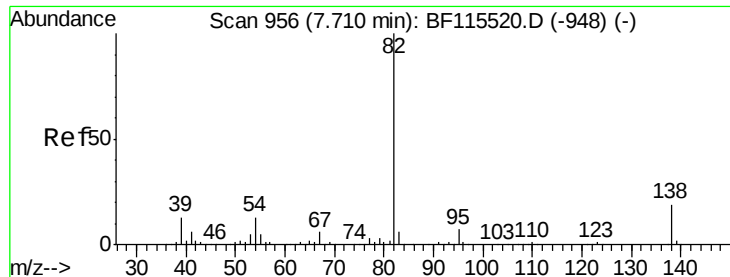
Tot Ion:136	Resp:	541712
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.7	13.1
54 7.5	5.0	7.6
68 6.4	4.7	7.1



#23
Nitrobenzene-d5
Concen: 88.116 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF115836.D
Acq: 29 Jul 2019 17:07

Tgt	Ion: 82	Resp:	820918
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.6	55.0
54	44.1	36.6	54.8

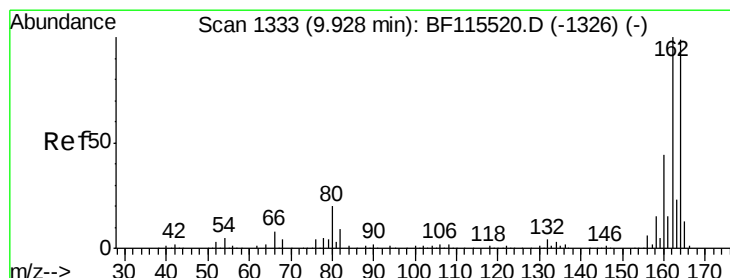
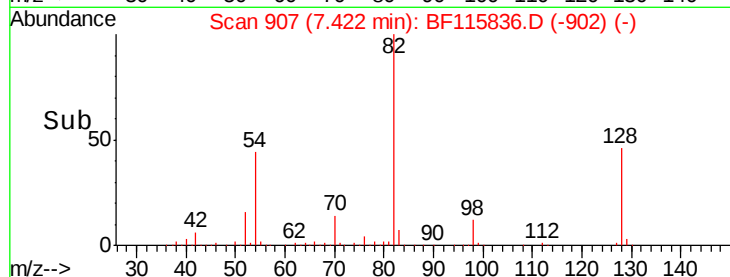
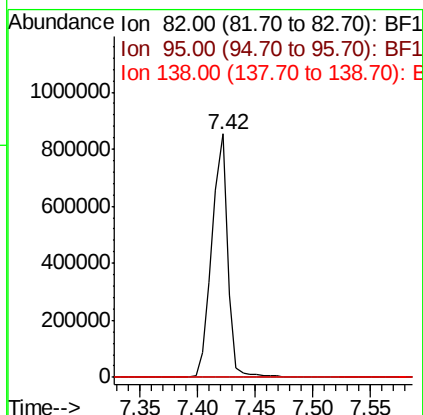
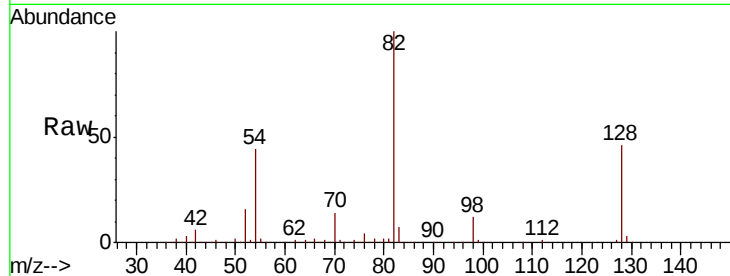




#25
Isophorone
Concen: 44.035 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.27 min
Lab File: BF115836.D
Acq: 29 Jul 2019 17:07

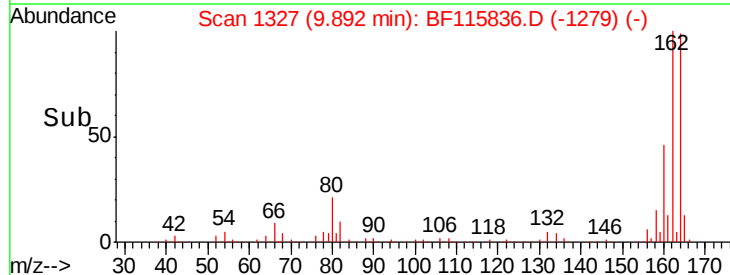
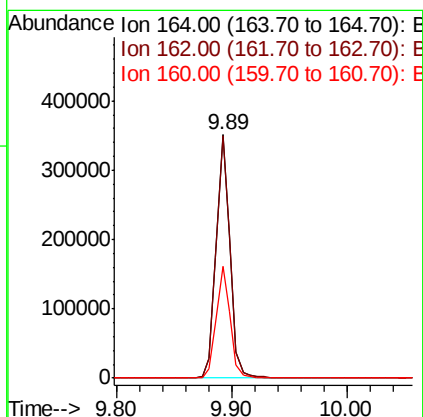
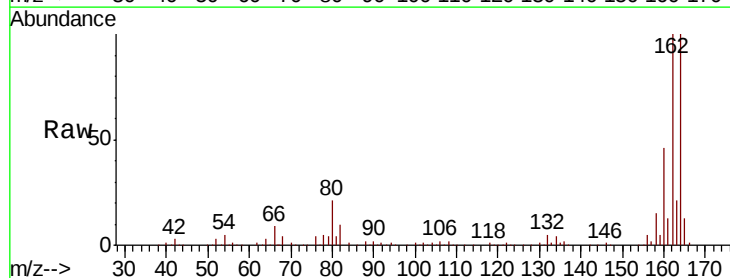
Instrument :
BNA_F
ClientSampled :

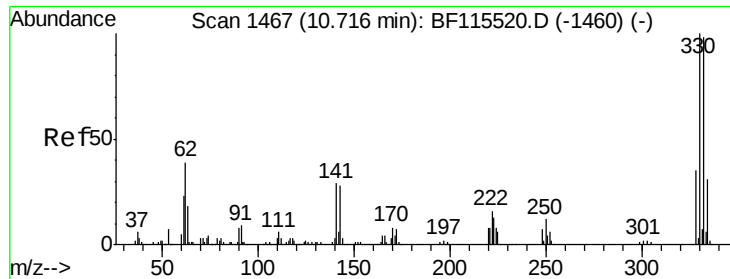
Tot Ion: 82 Resp: 820909
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.2 21.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF115836.D
Acq: 29 Jul 2019 17:07

Tgt Ion:164 Resp: 289841
Ion Ratio Lower Upper
164 100
162 99.7 81.8 122.6
160 46.0 37.5 56.3

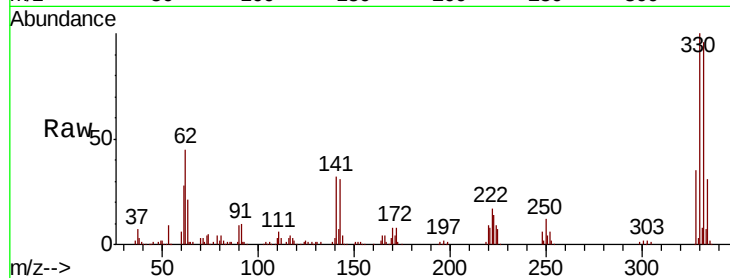




#42
 2,4,6-Tribromophenol
 Concen: 59.819 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.02 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.1	114.1
141	34.6	25.9	38.9

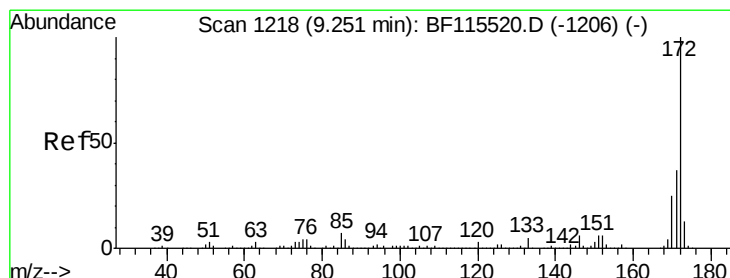
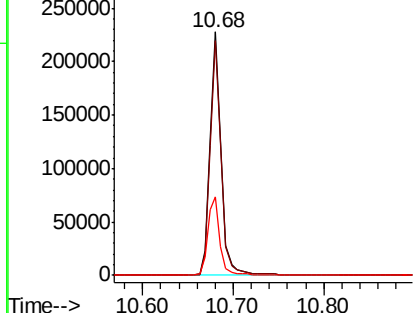
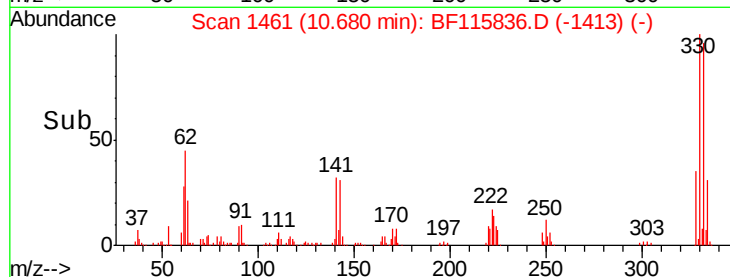


Abundance

Ion 329.80 (329.50 to 330.50): E

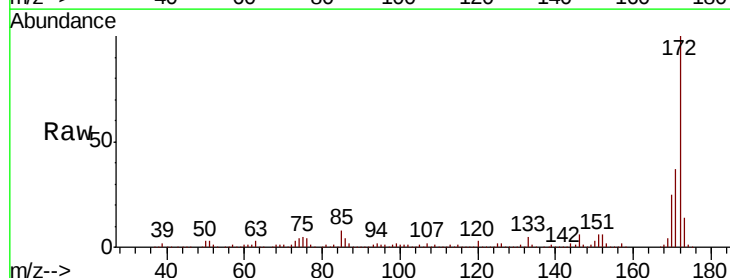
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.435 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 17:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.8	20.1	30.1

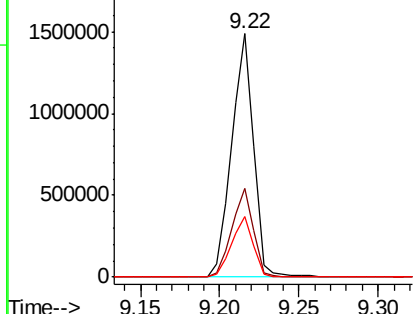
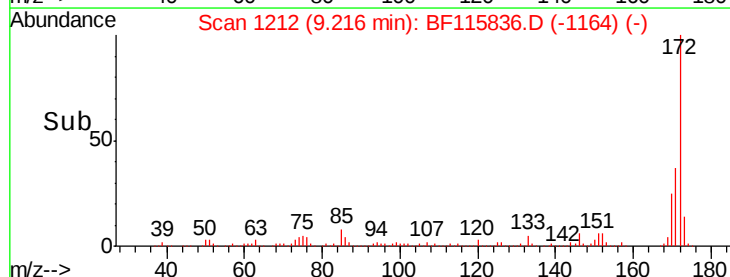


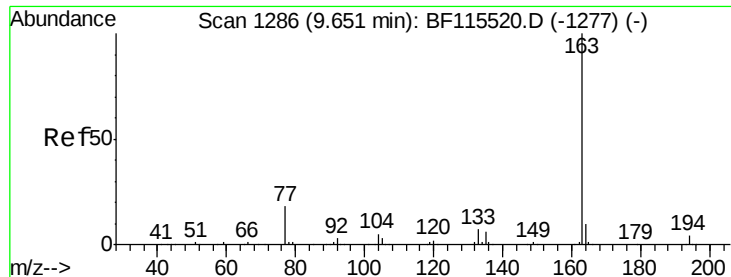
Abundance

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: 3.120 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.03 min

Lab File: BF115836.D

Acq: 29 Jul 2019 17:07

Instrument :
BNA_F
ClientSampleId :

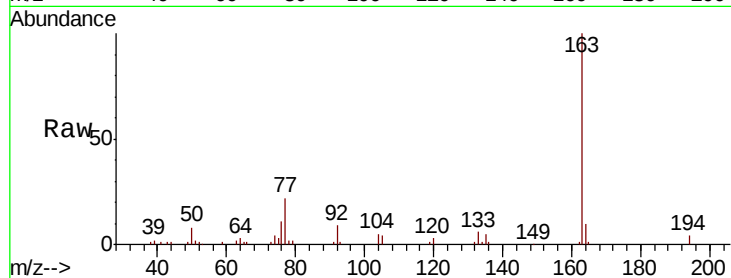
Tot Ion:163 Resp: 68038

Ion Ratio Lower Upper

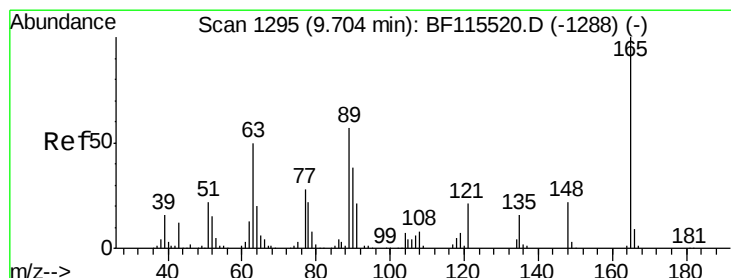
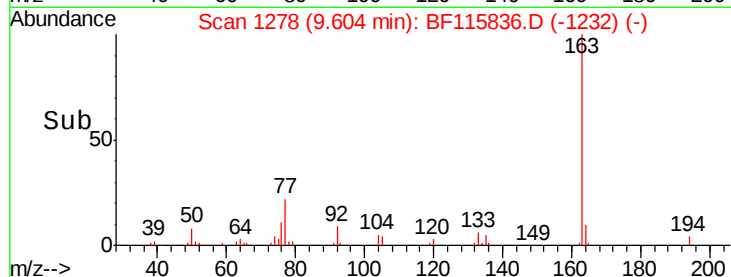
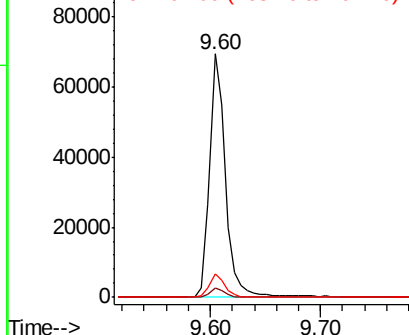
163 100

194 3.8 3.2 4.8

164 9.5 8.3 12.5



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: 7.380 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.20 min

Lab File: BF115836.D

Acq: 29 Jul 2019 17:07

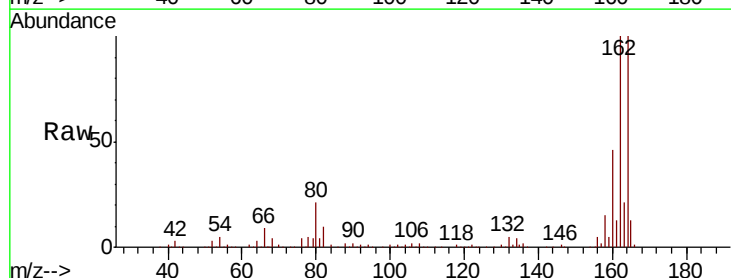
Tgt Ion:165 Resp: 36575

Ion Ratio Lower Upper

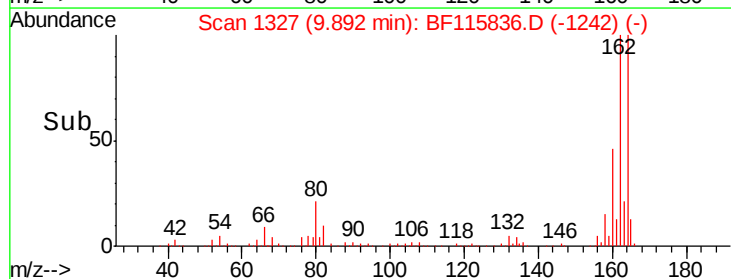
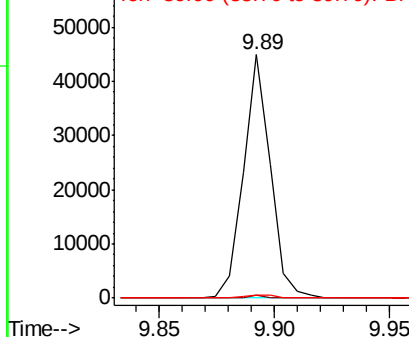
165 100

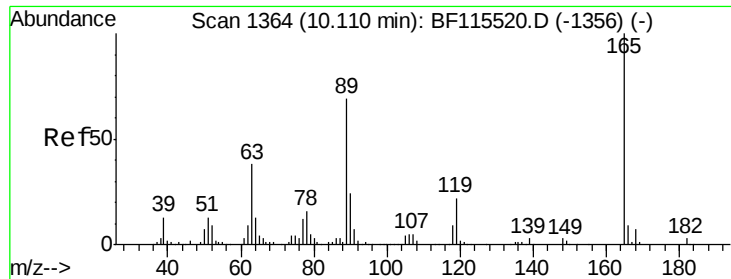
63 1.2 43.5 65.3#

89 1.0 46.3 69.5#



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

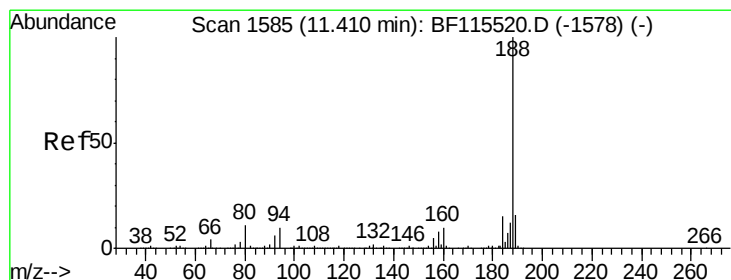
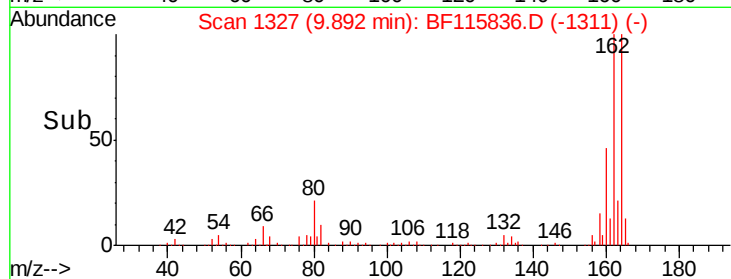
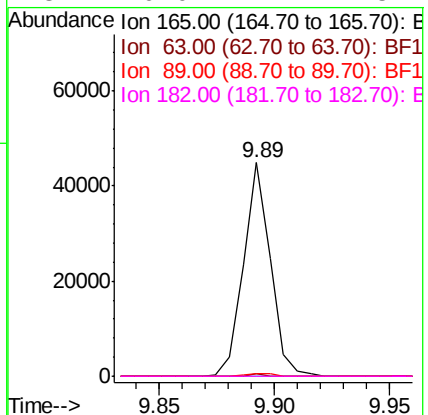
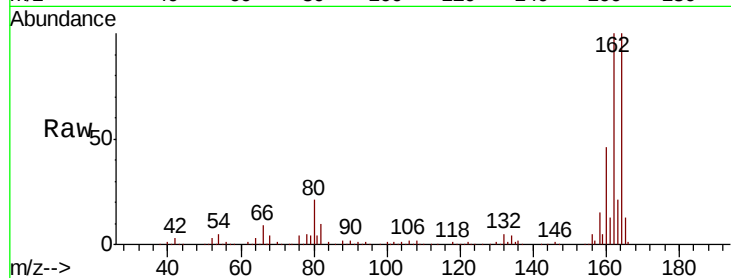




#57
 2,4-Dinitrotoluene
 Concen: 5.697 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.21 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 17:07

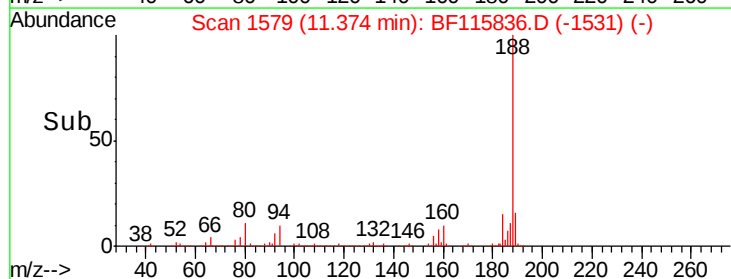
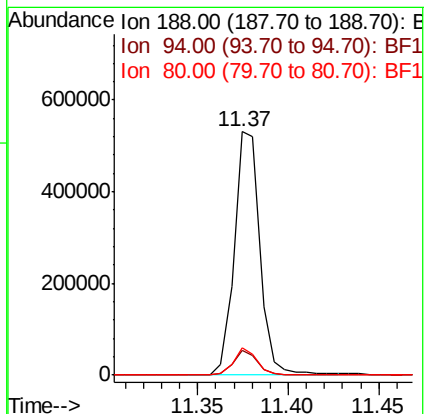
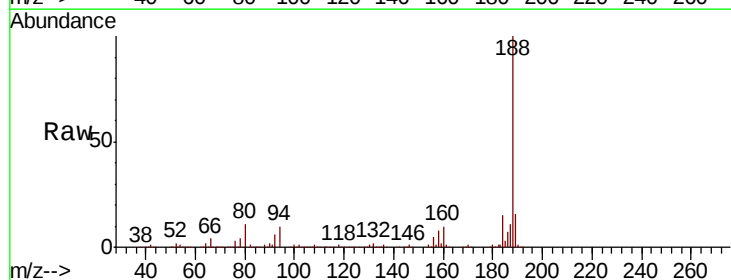
Instrument :
 BNA_F
 ClientSampleId :

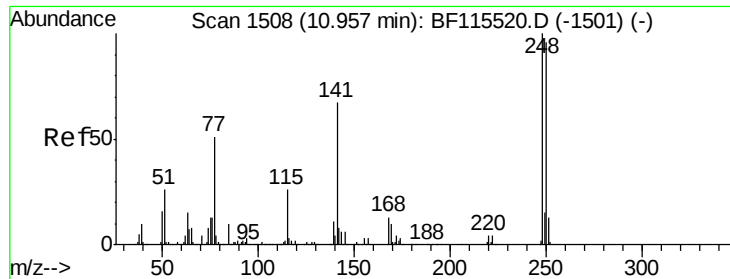
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.4	50.2#
89	1.0	57.3	85.9#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 17:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	11.4	9.0	13.6

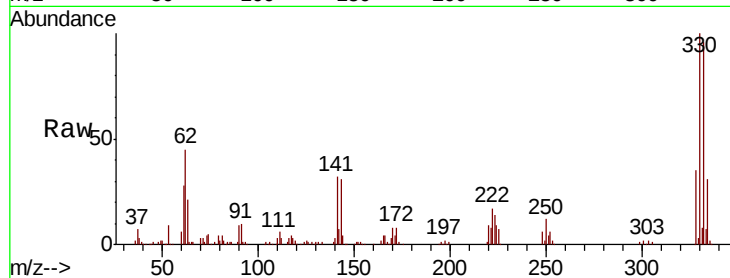




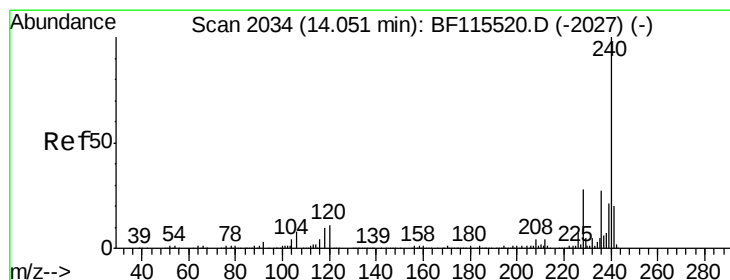
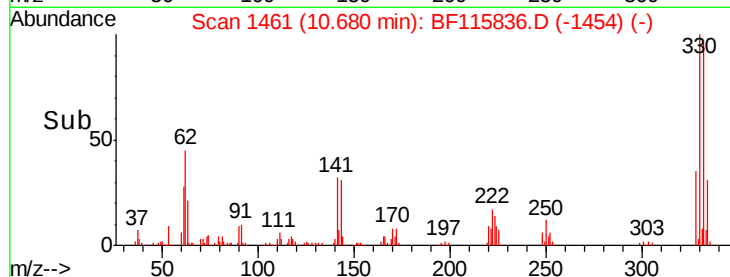
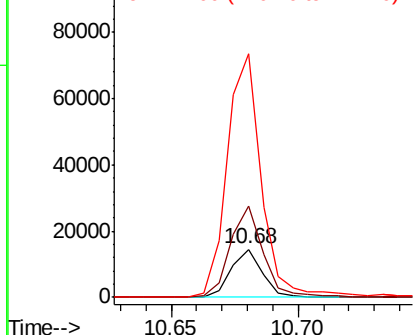
#67
 4-Bromophenyl-phenylether
 Concen: 2.063 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.26 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 17:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12364
 Ion Ratio Lower Upper
 248 100
 250 190.5 77.0 115.4#
 141 506.2 52.1 78.1#

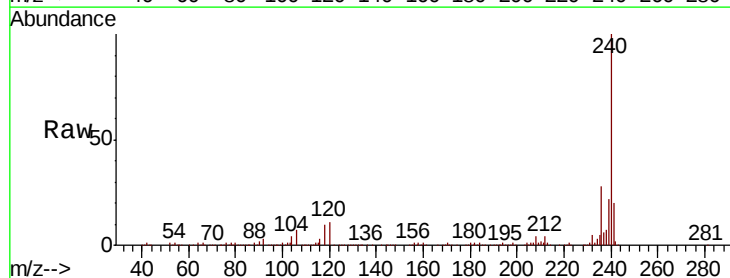


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

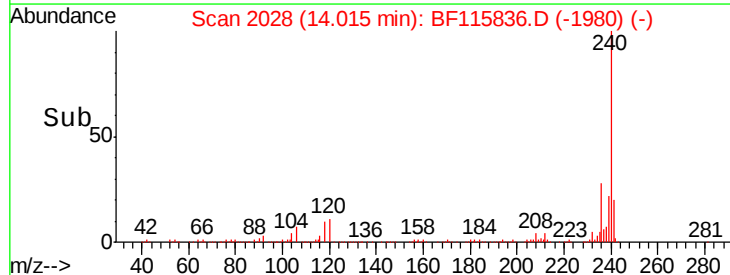
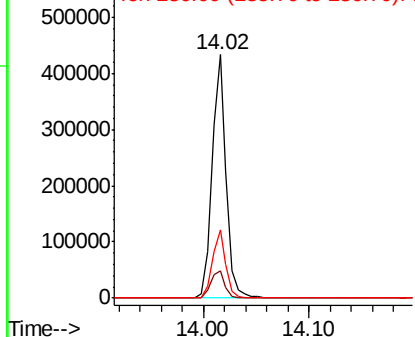


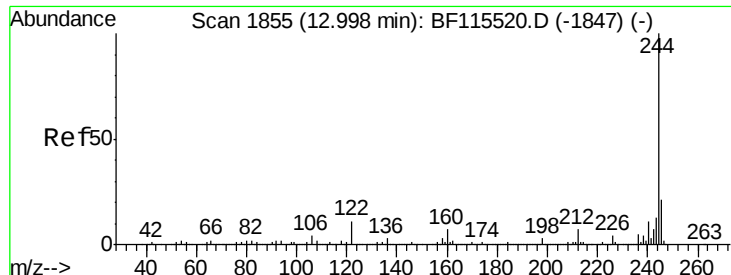
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF115836.D
 Acq: 29 Jul 2019 17:07

Tgt Ion:240 Resp: 401472
 Ion Ratio Lower Upper
 240 100
 120 11.2 10.0 15.0
 236 28.0 21.8 32.6



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: 74.520 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.02 min

Lab File: BF115836.D

Acq: 29 Jul 2019 17:07

Instrument :

BNA_F

ClientSampleId :

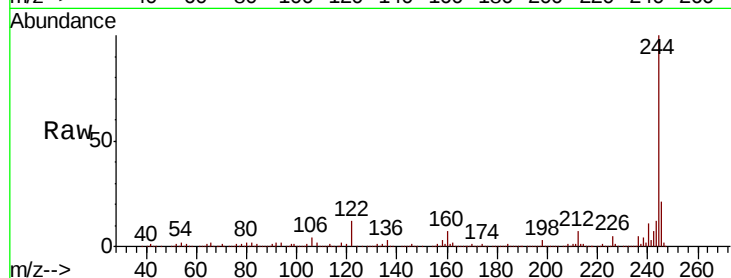
Tot Ion:244 Resp: 1621403

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

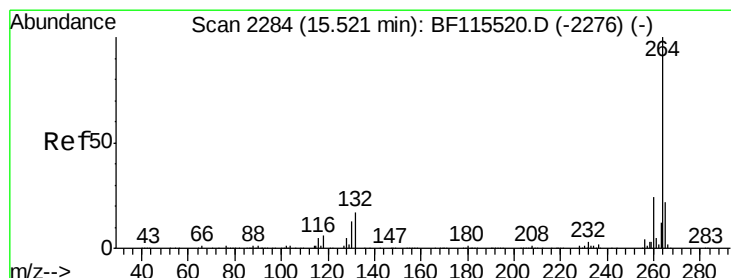
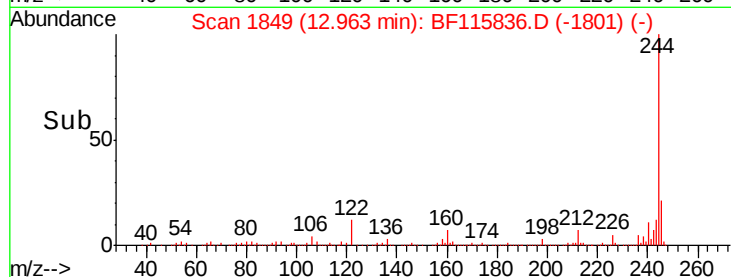
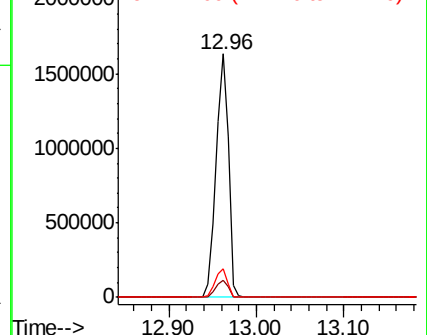
122 11.9 8.2 12.4



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: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF115836.D

Acq: 29 Jul 2019 17:07

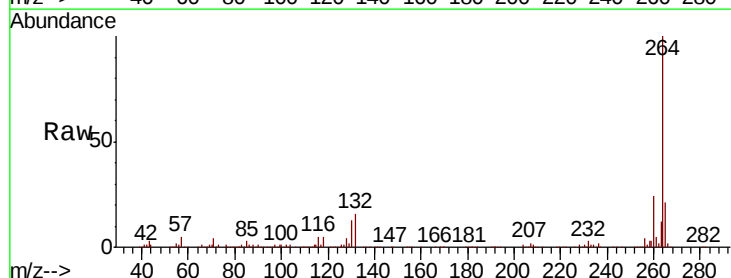
Tgt Ion:264 Resp: 360275

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

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

