

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
 Data File : BF115991.D
 Acq On : 5 Aug 2019 20:27
 Operator : HP/JU
 Sample : K4093-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119

Quant Time: Aug 06 01:37:41 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

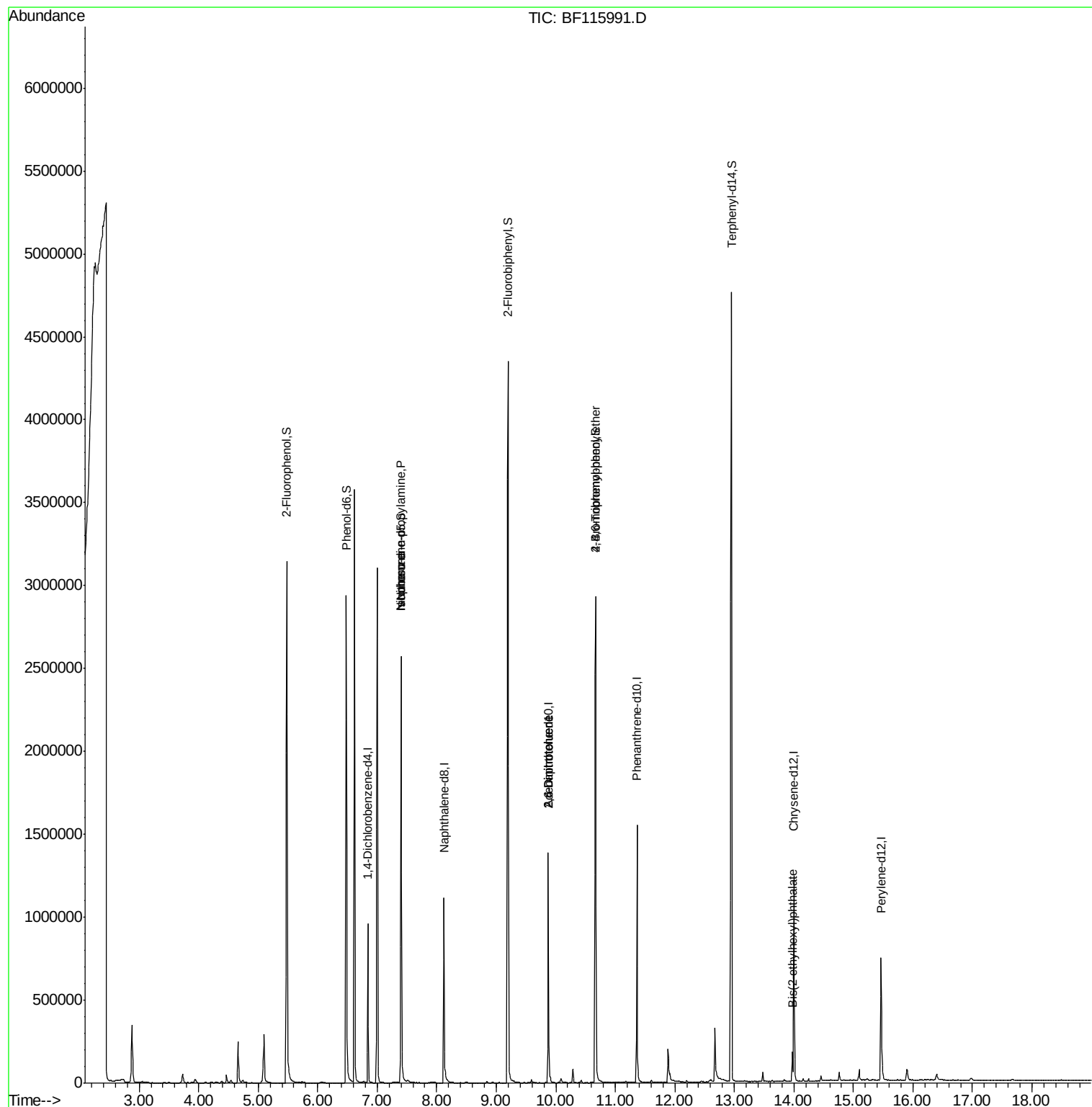
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	144425	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	547675	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	295303	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	532269	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	426887	20.00	ng	-0.02
87) Perylene-d12	15.46	264	371035	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	962753	111.59	ng	0.01
7) Phenol-d6	6.48	99	1105102	101.53	ng	0.00
23) Nitrobenzene-d5	7.40	82	900501	94.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	404343	141.23	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1577017	100.03	ng	-0.02
79) Terphenyl-d14	12.95	244	1881129	92.85	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	119372	17.698	ng	# 78
25) Isophorone	7.40	82	900497	49.635	ng	# 66
51) 2,6-Dinitrotoluene	9.87	165	38067	8.712	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	38067	6.543	ng	# 24
67) 4-Bromophenyl-phenylether	10.67	248	24763	4.346	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.97	149	48330	2.732	ng	98

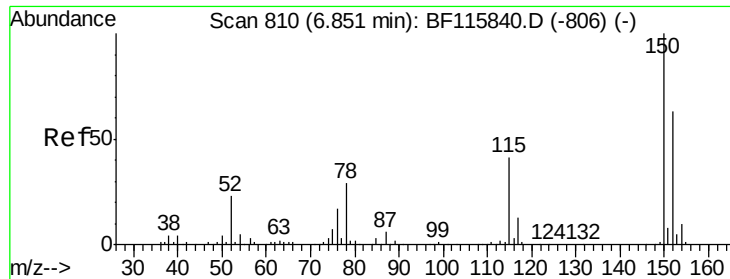
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
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QLast Update : Wed Jul 31 15:31:51 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF115991.D

Acq: 5 Aug 2019 20:27

Instrument :

BNA_F

ClientSampleId :

PL-02-080119

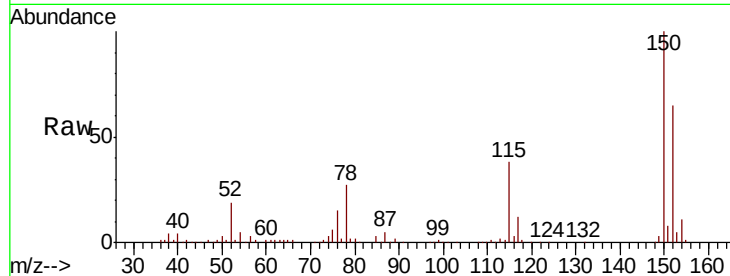
Tgt Ion:152 Resp: 144425

Ion Ratio Lower Upper

152 100

150 153.2 127.4 191.0

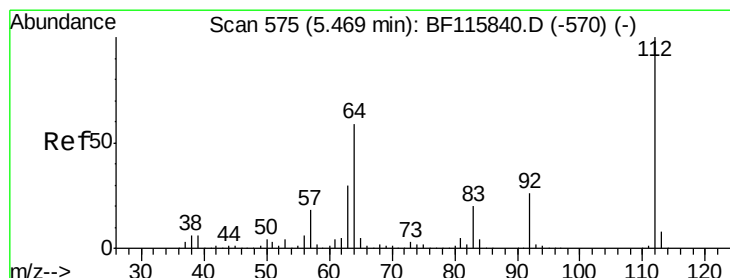
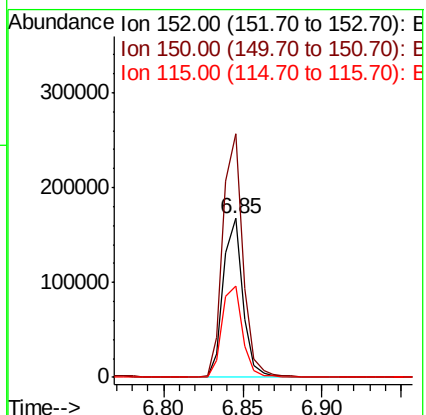
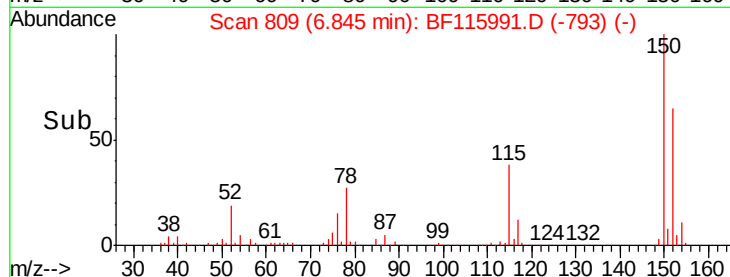
115 57.8 51.8 77.8



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: 111.595 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF115991.D

Acq: 5 Aug 2019 20:27

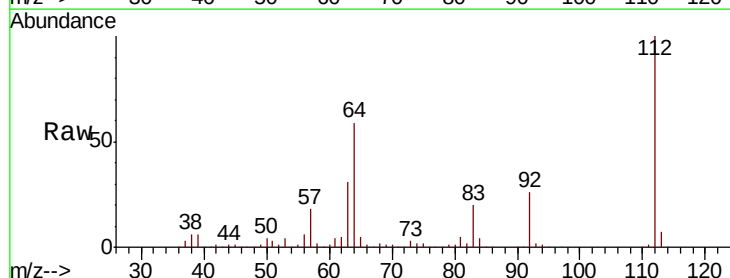
Tgt Ion:112 Resp: 962753

Ion Ratio Lower Upper

112 100

64 58.9 46.8 70.2

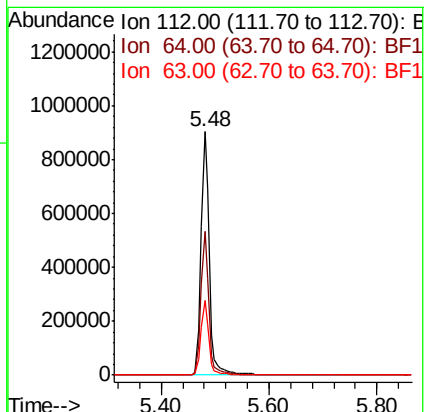
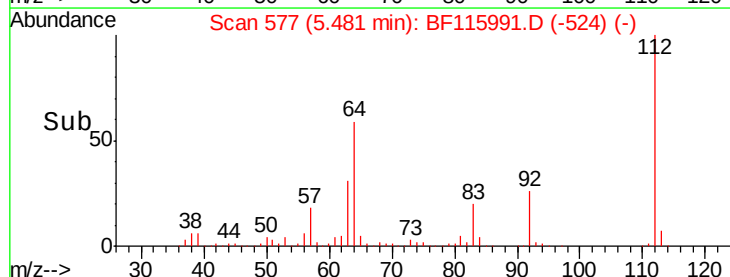
63 30.5 24.2 36.2

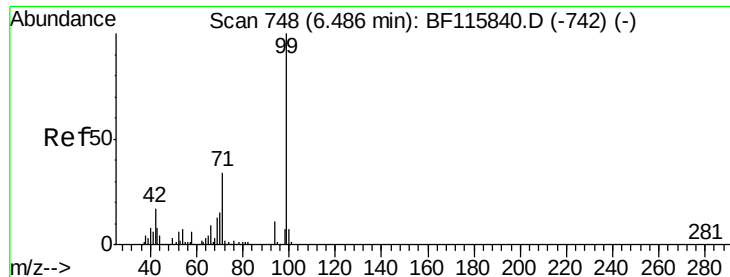


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.527 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115991.D

Acq: 5 Aug 2019 20:27

Instrument :

BNA_F

ClientSampleId :

PL-02-080119

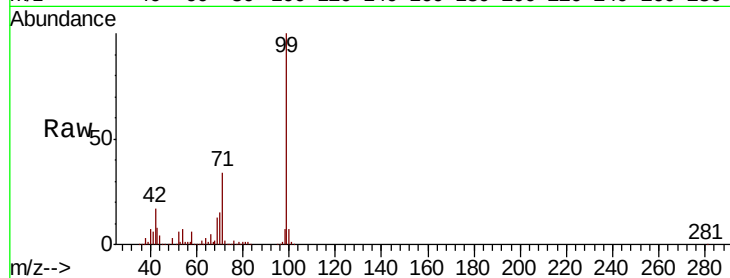
Tgt Ion: 99 Resp: 1105102

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.6

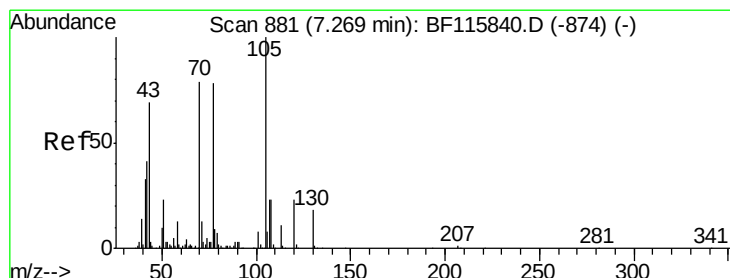
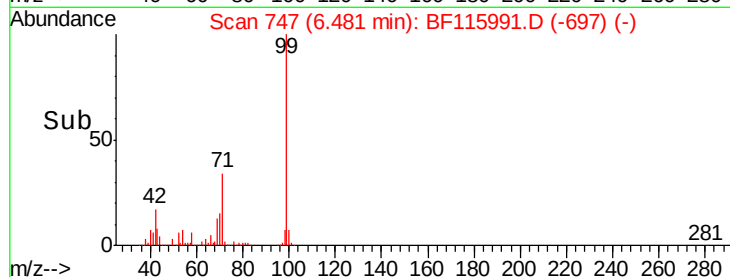
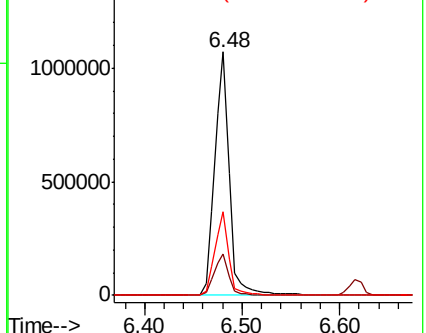
71 34.4 27.1 40.7



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: 17.698 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF115991.D

Acq: 5 Aug 2019 20:27

Tgt Ion: 70 Resp: 119372

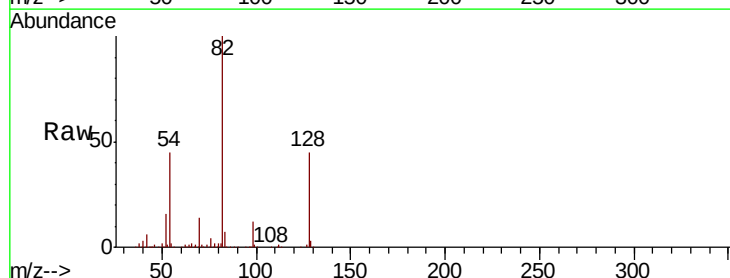
Ion Ratio Lower Upper

70 100

42 43.1 41.8 62.8

101 0.0 7.7 11.5#

130 2.3 17.8 26.6#

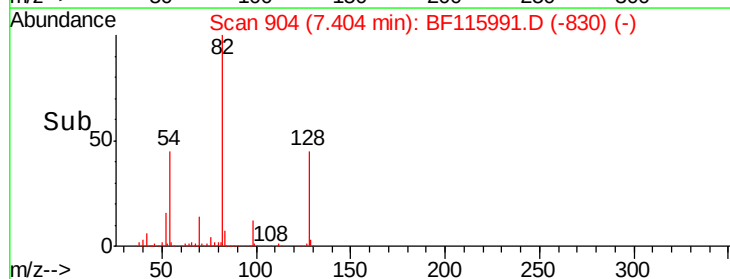
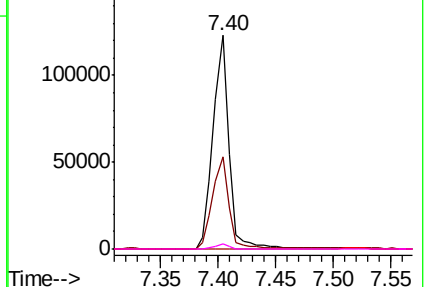


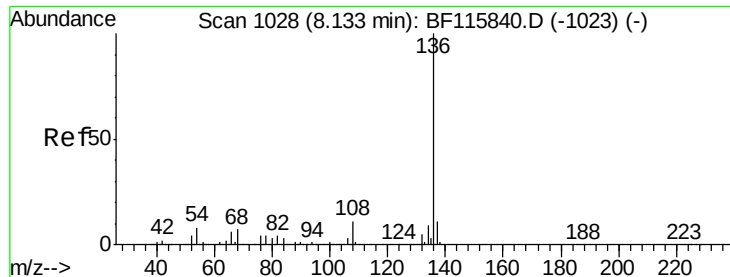
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

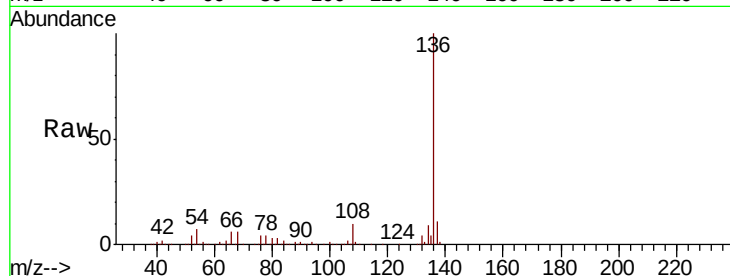




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF115991.D
Acq: 5 Aug 2019 20:27

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tgt Ion:	136	Resp:	547675
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.1	6.1	9.1
68	6.1	5.4	8.2



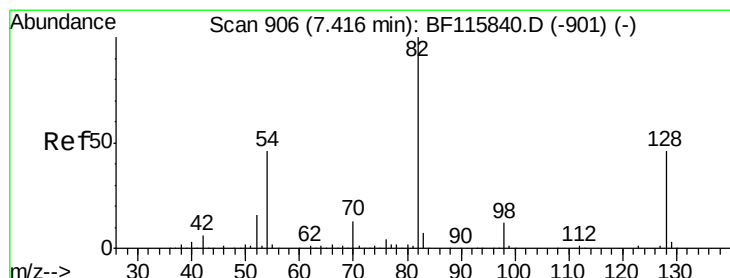
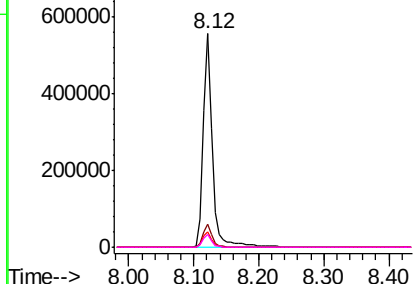
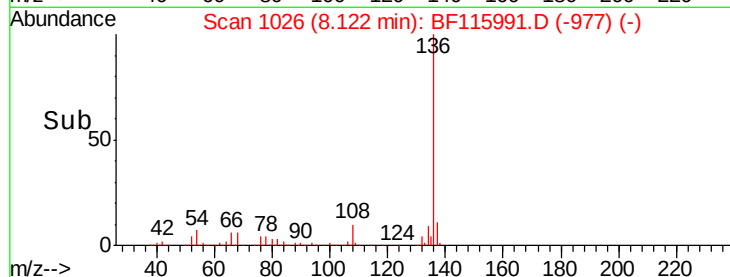
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

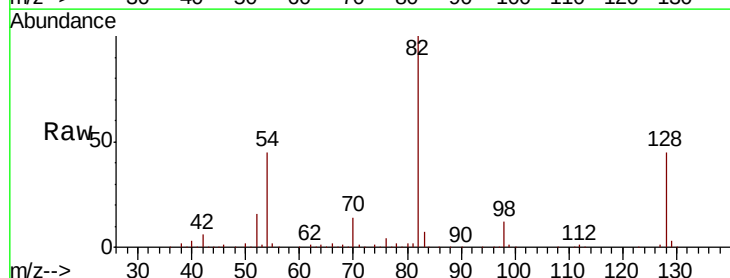
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 94.910 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF115991.D
Acq: 5 Aug 2019 20:27

Tgt Ion:	82	Resp:	900501
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.6	55.0
54	45.4	36.6	55.0

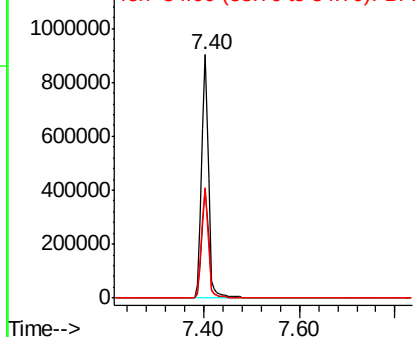
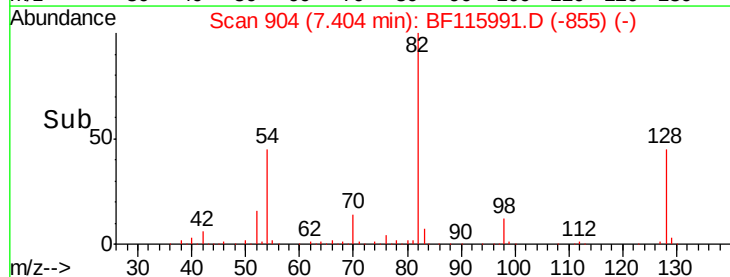


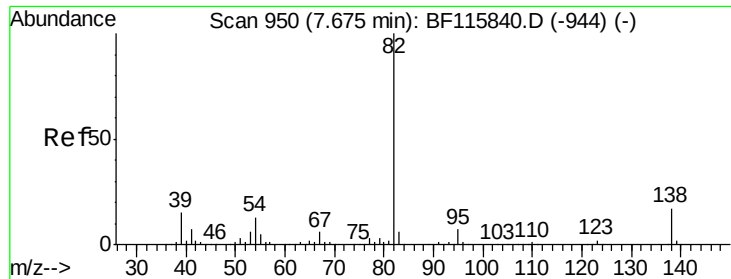
Abundance

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: 49.635 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF115991.D

Acq: 5 Aug 2019 20:27

Instrument :

BNA_F

ClientSampleId :

PL-02-080119

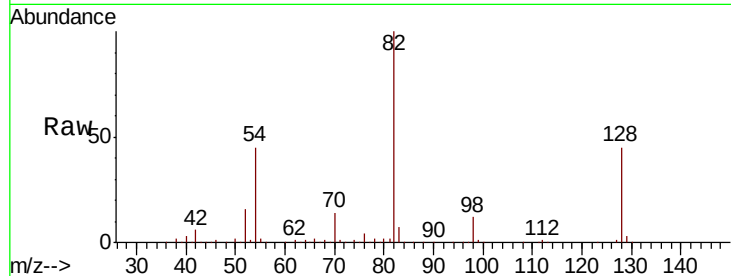
Tgt Ion: 82 Resp: 900497

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

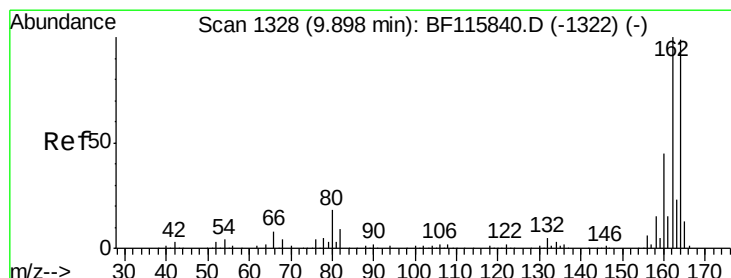
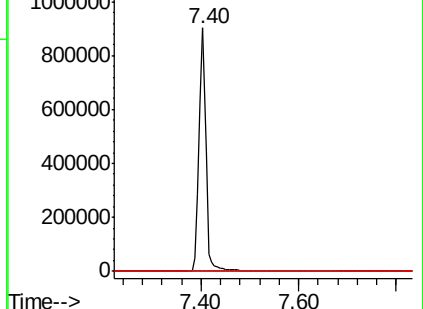
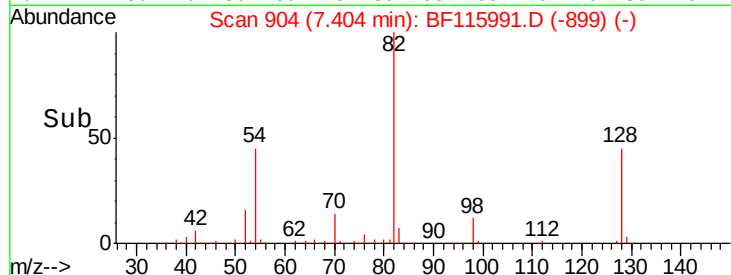
138 0.0 13.9 20.9#



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: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF115991.D

Acq: 5 Aug 2019 20:27

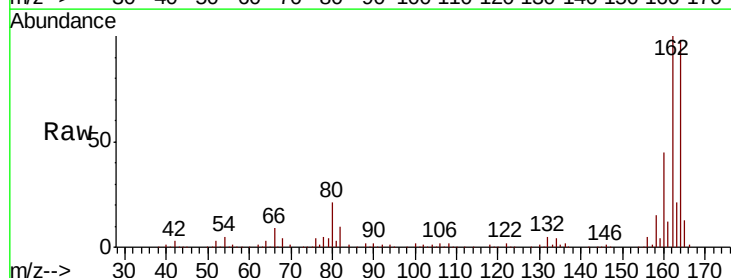
Tgt Ion: 164 Resp: 295303

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

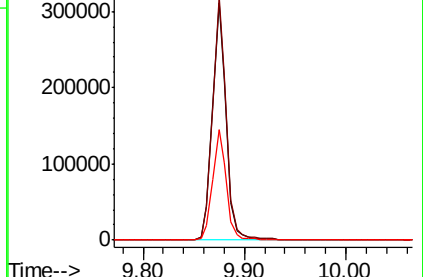
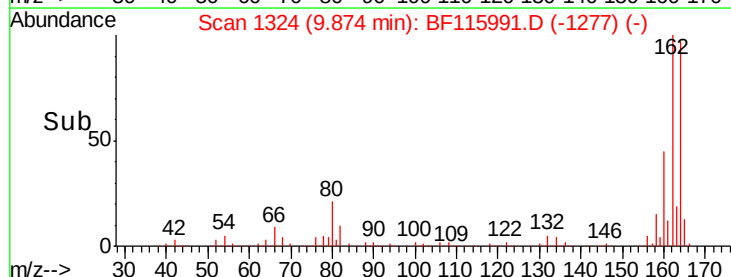
160 46.3 36.2 54.4

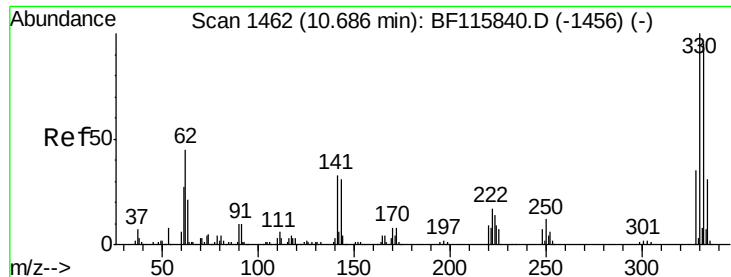


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 141.228 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF115991.D

Acq: 5 Aug 2019 20:27

Instrument :

BNA_F

ClientSampleId :

PL-02-080119

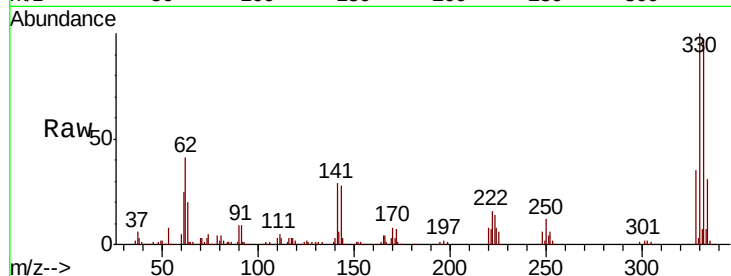
Tgt Ion:330 Resp: 404343

Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

141 32.7 28.1 42.1

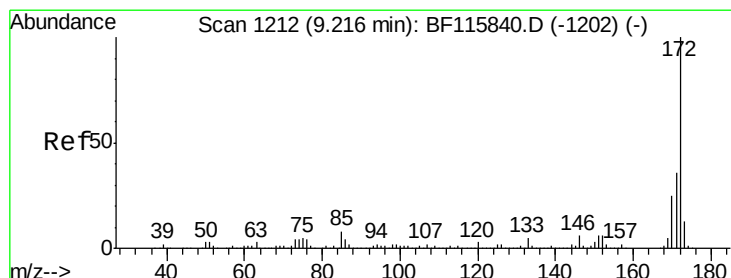
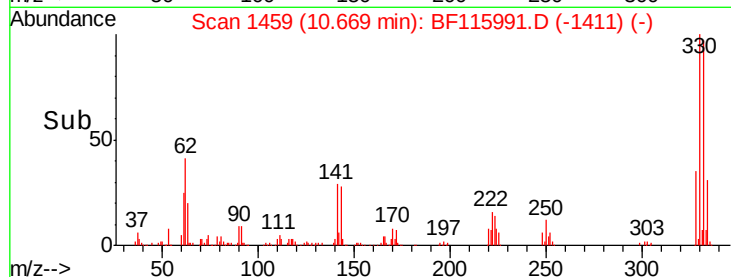
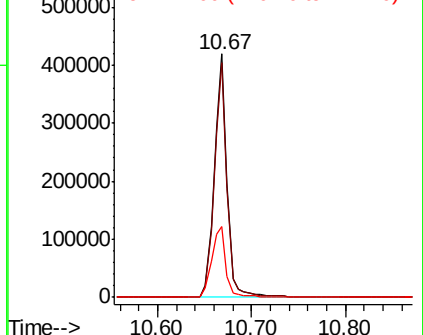


Abundance

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: 100.028 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF115991.D

Acq: 5 Aug 2019 20:27

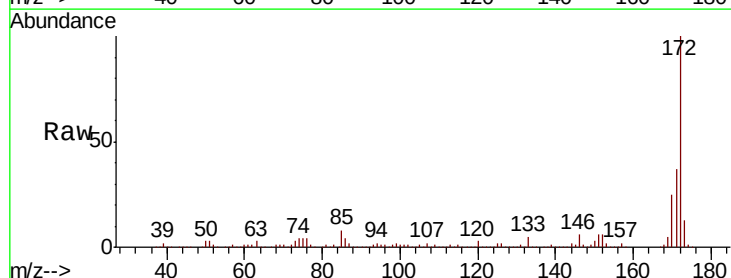
Tgt Ion:172 Resp: 1577017

Ion Ratio Lower Upper

172 100

171 36.7 29.1 43.7

170 25.1 20.1 30.1

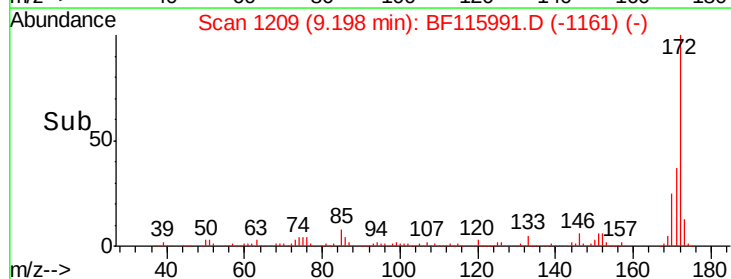
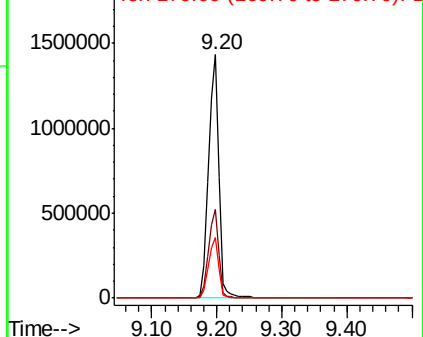


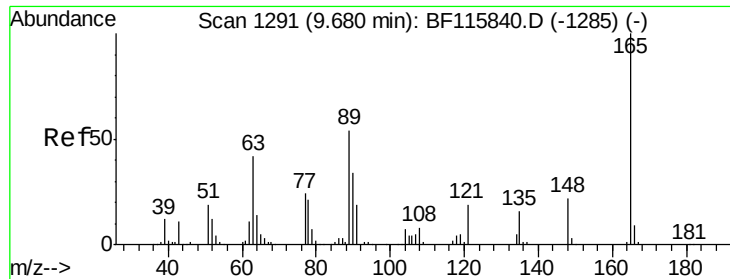
Abundance

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

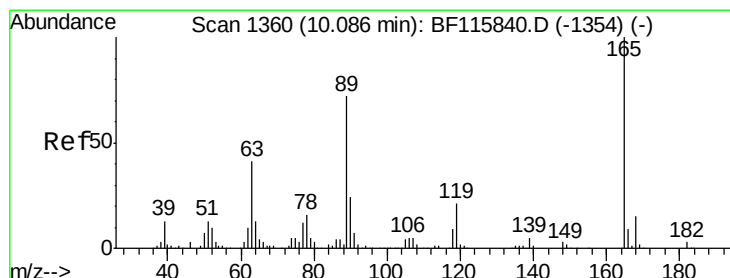
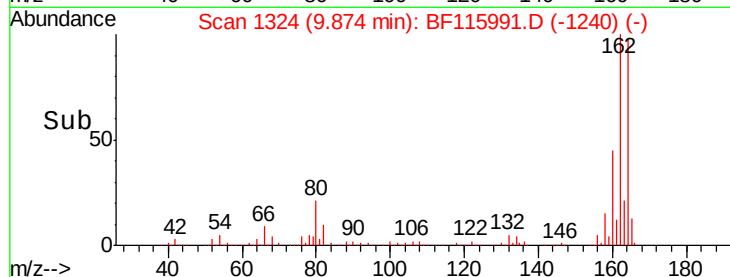
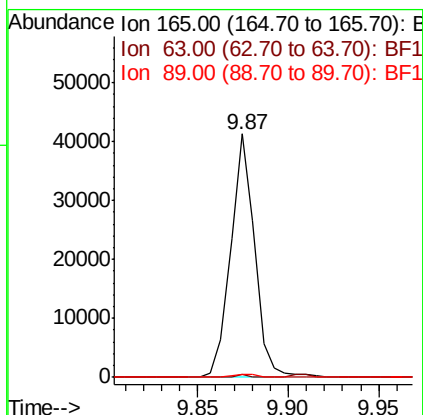
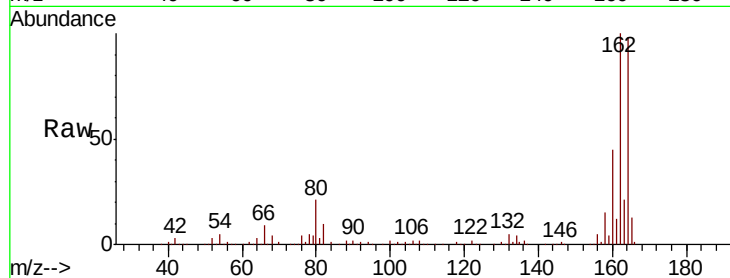




#51
 2,6-Dinitrotoluene
 Concen: 8.712 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.19 min
 Lab File: BF115991.D
 Acq: 5 Aug 2019 20:27

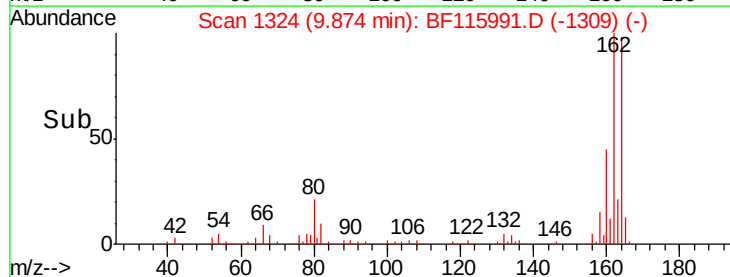
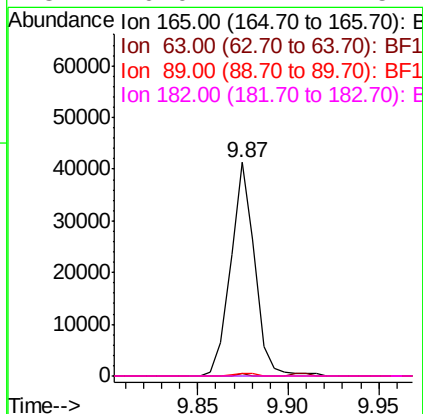
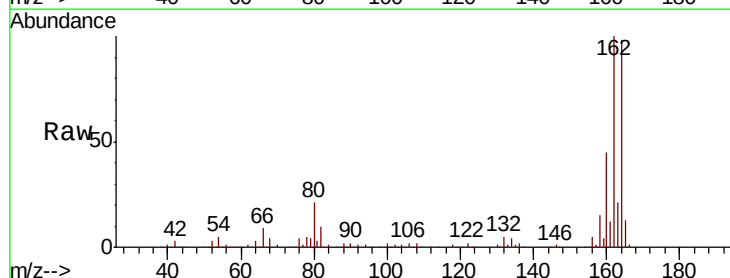
Instrument :
 BNA_F
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 PL-02-080119

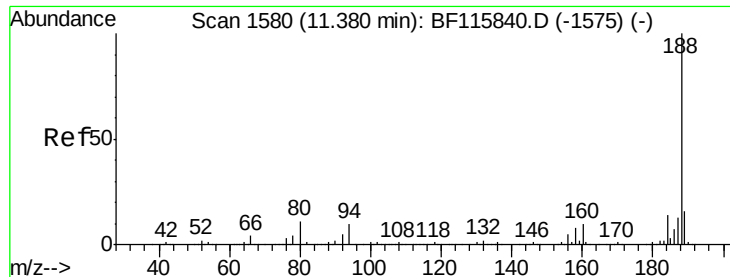
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.4	59.2#
89	1.3	43.0	64.6#



#57
 2,4-Dinitrotoluene
 Concen: 6.543 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF115991.D
 Acq: 5 Aug 2019 20:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.2	49.8#
89	1.3	57.3	85.9#
182	0.0	2.1	3.1#

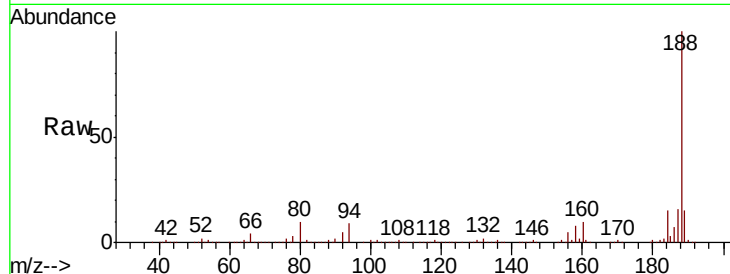




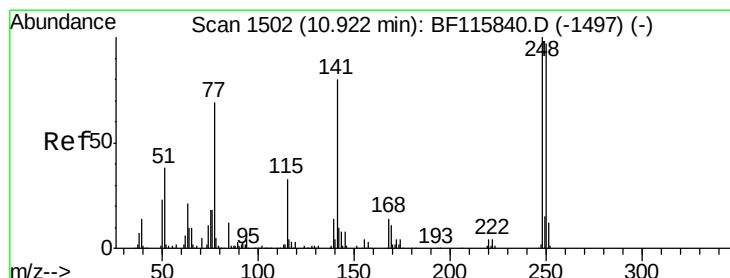
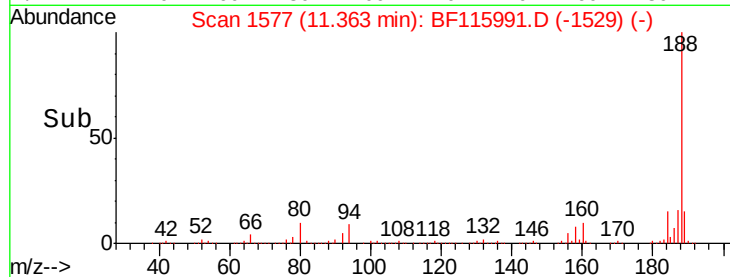
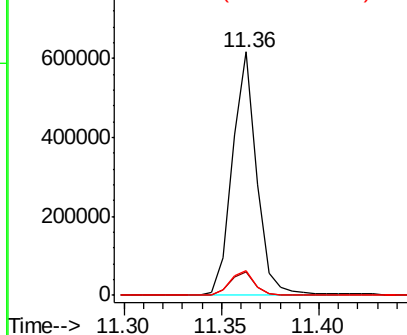
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF115991.D
 Acq: 5 Aug 2019 20:27

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119

Tgt Ion:	188	Resp:	532269
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	10.1	8.6	12.8

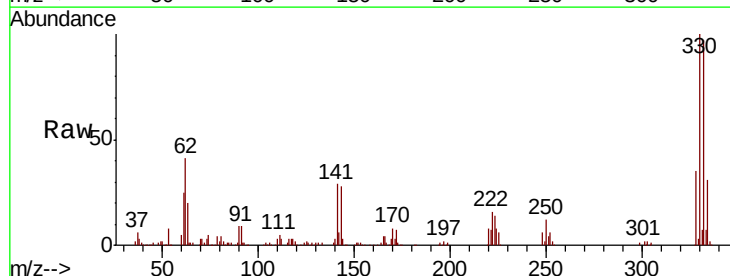


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

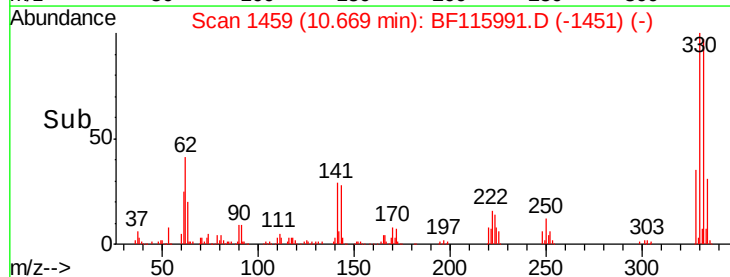
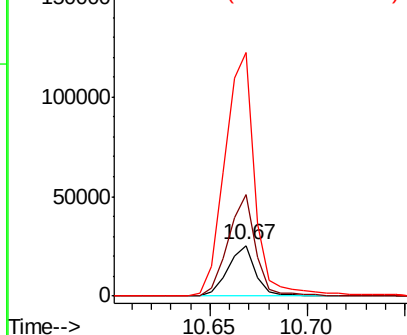


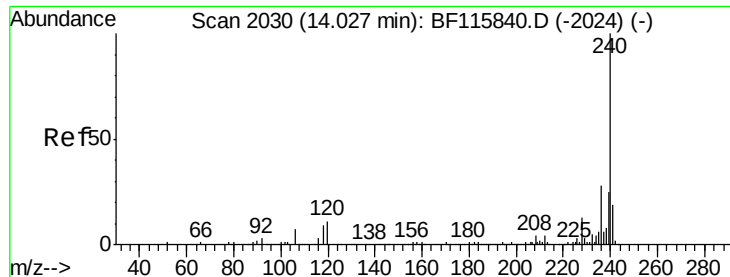
#67
 4-Bromophenyl-phenylether
 Concen: 4.346 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF115991.D
 Acq: 5 Aug 2019 20:27

Tgt Ion:	248	Resp:	24763
Ion	Ratio	Lower	Upper
248	100		
250	199.4	77.8	116.6#
141	478.6	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

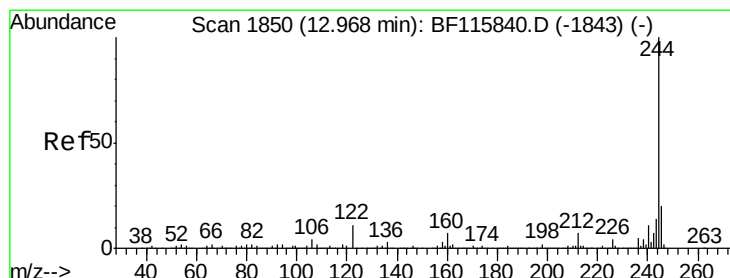
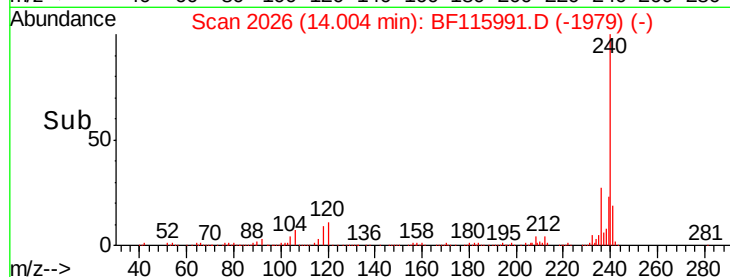
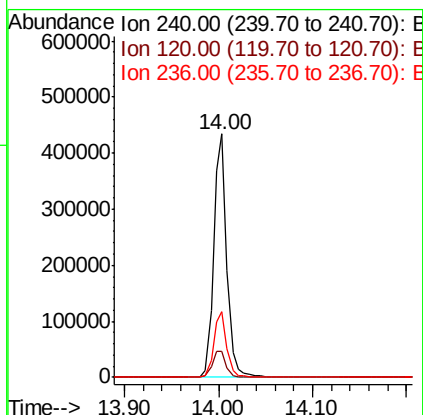
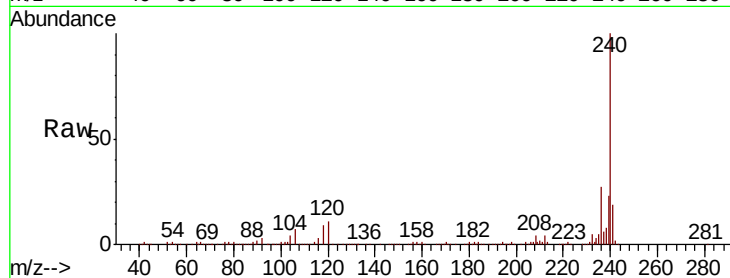




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF115991.D
Acq: 5 Aug 2019 20:27

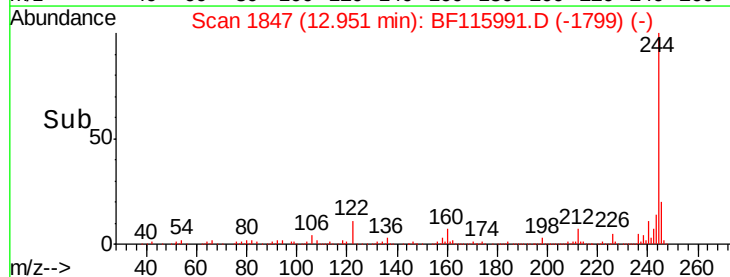
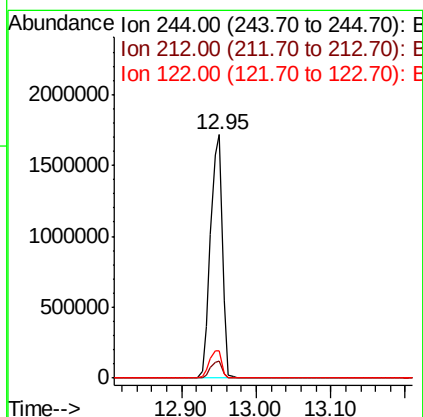
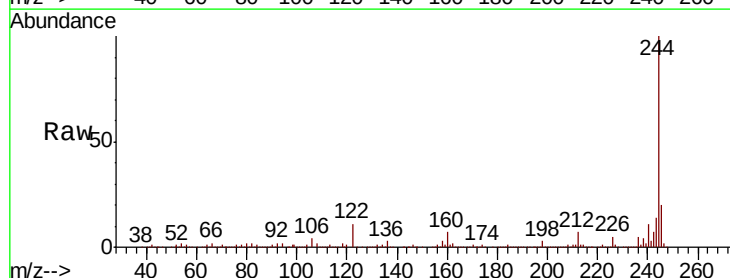
Instrument :
BNA_F
ClientSampleId :
PL-02-080119

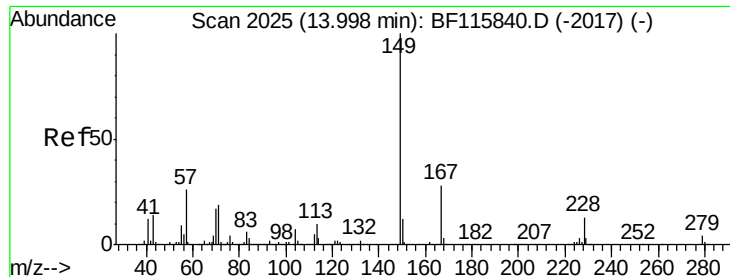
Tgt Ion:240 Resp: 426887
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 27.2 22.2 33.2



#79
Terphenyl-d14
Concen: 92.855 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF115991.D
Acq: 5 Aug 2019 20:27

Tgt Ion:244 Resp: 1881129
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 11.0 8.6 13.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.732 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF115991.D

Acq: 5 Aug 2019 20:27

Instrument :

BNA_F

ClientSampleId :

PL-02-080119

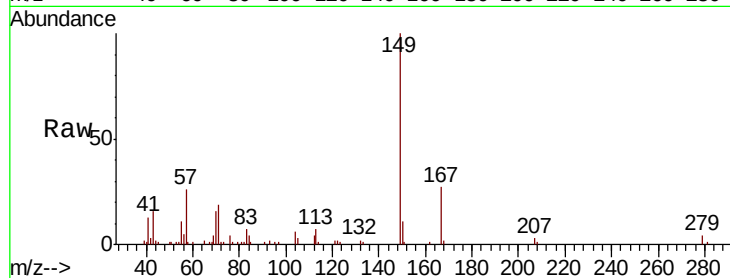
Tgt Ion:149 Resp: 48330

Ion Ratio Lower Upper

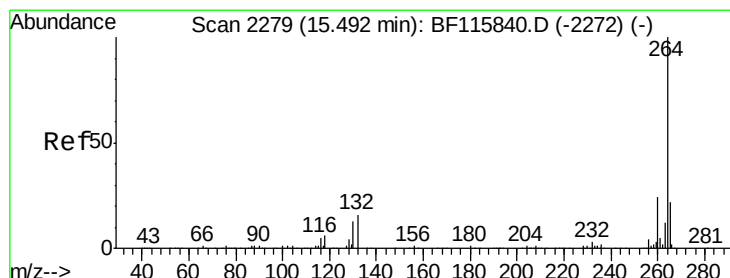
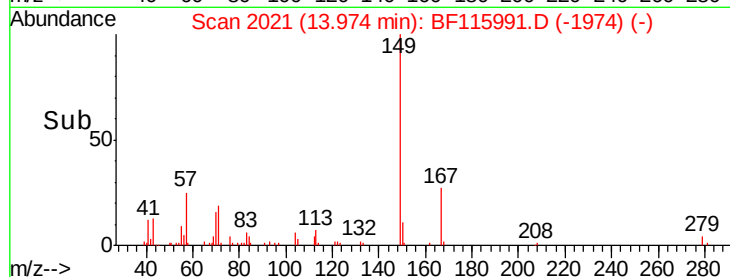
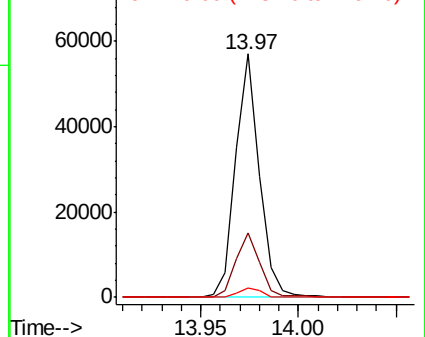
149 100

167 26.6 22.4 33.6

279 4.1 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.03 min

Lab File: BF115991.D

Acq: 5 Aug 2019 20:27

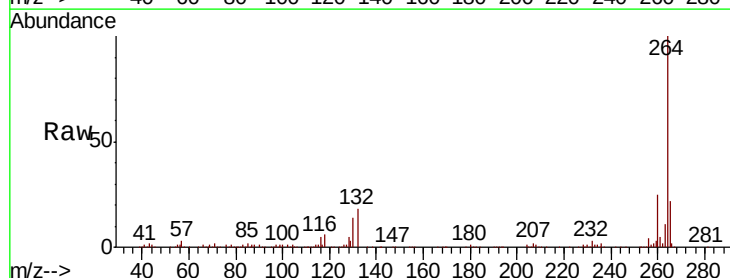
Tgt Ion:264 Resp: 371035

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 22.1 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

