

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 03:52:23 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

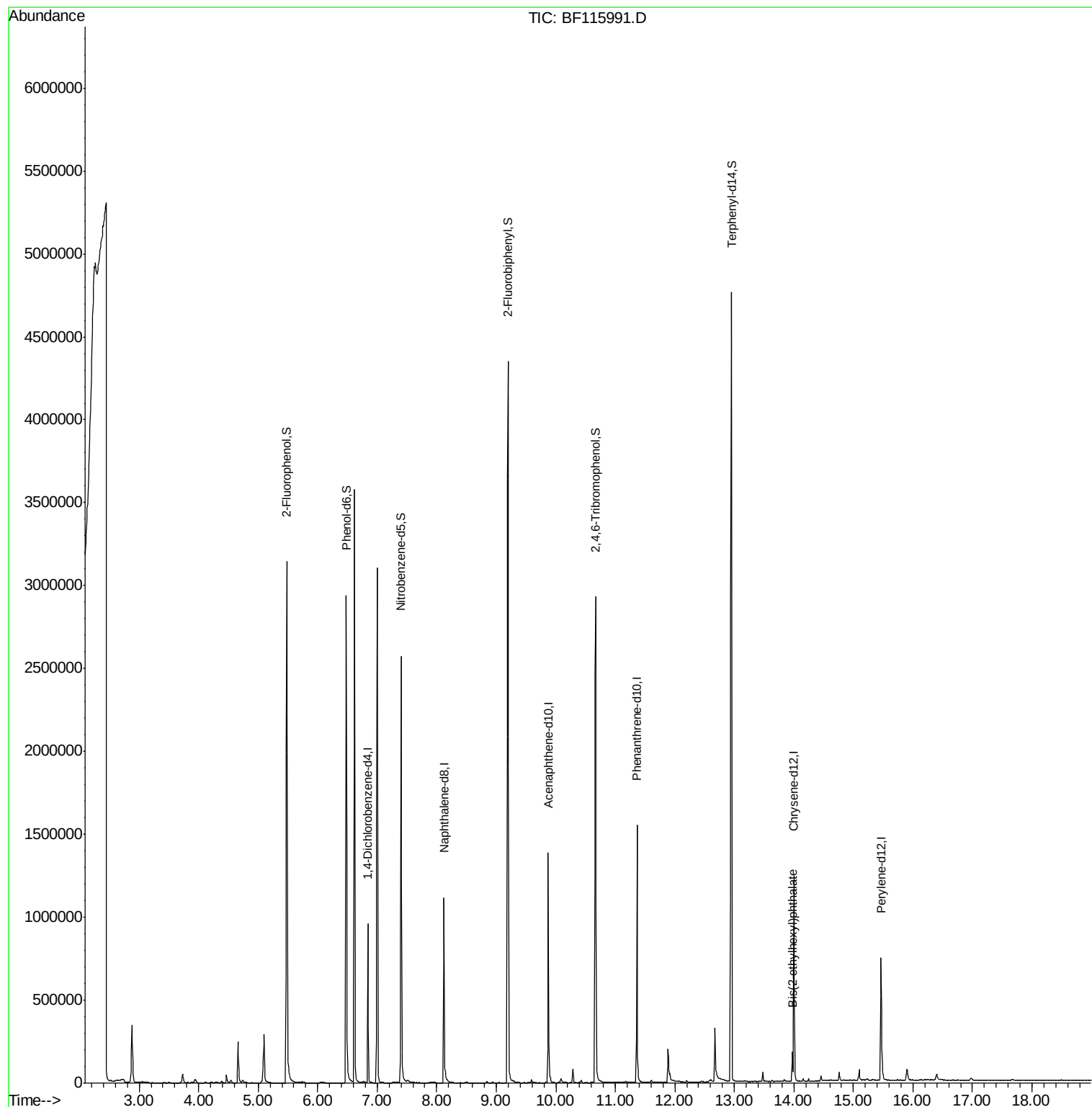
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	144425	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	547675	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	295303	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	532269	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	426887	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						Qvalue
84) Bis(2-ethylhexyl)phthalate	13.97	149	48330	2.732	ng	98

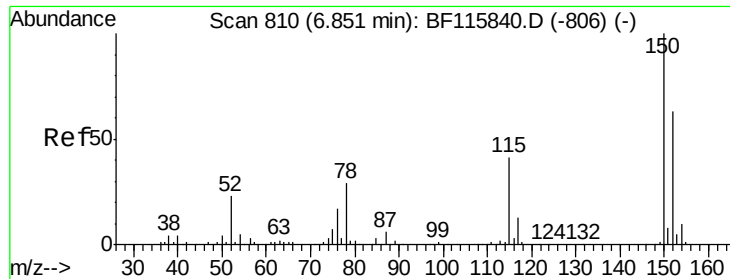
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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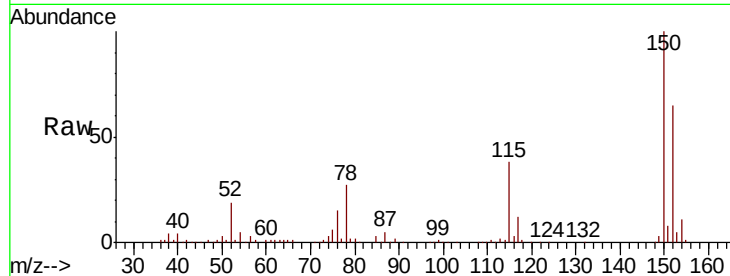


#1

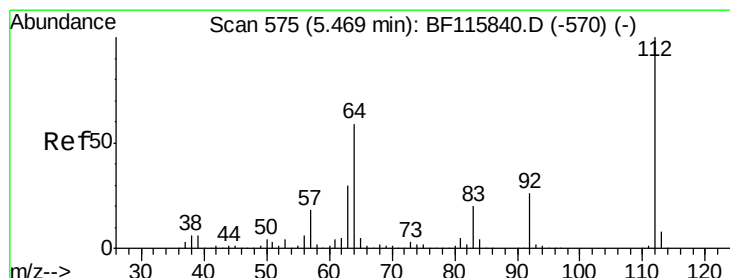
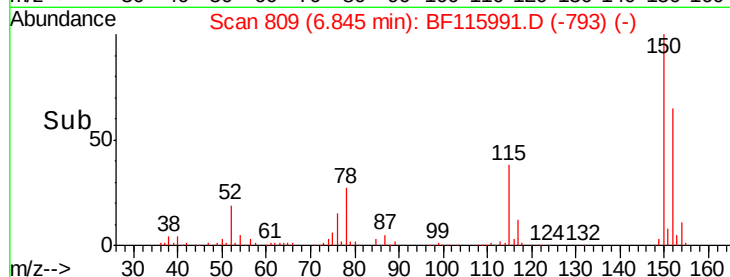
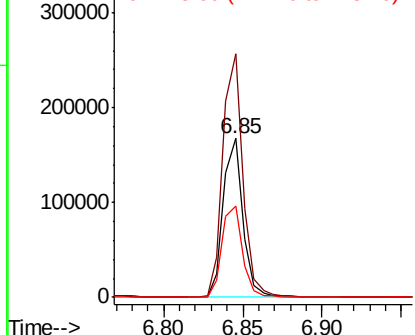
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF115991.D
Acq: 5 Aug 2019 20:27

Instrument :
BNA_F
ClientSampleId :
PL-02-080119

Tot Ion:152 Resp: 144425
Ion Ratio Lower Upper
152 100
150 153.2 127.4 191.0
115 57.8 51.8 77.8



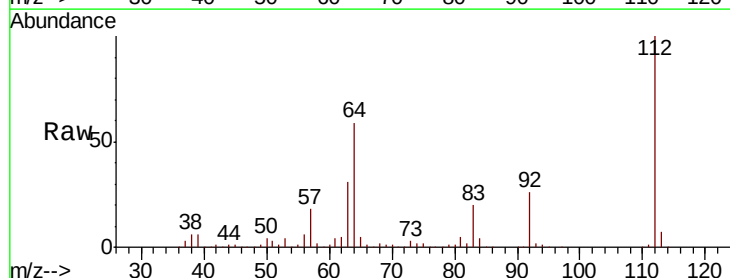
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



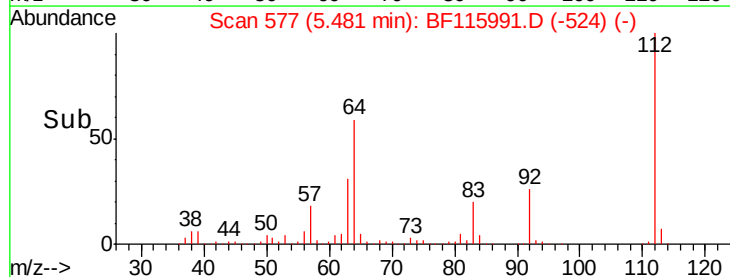
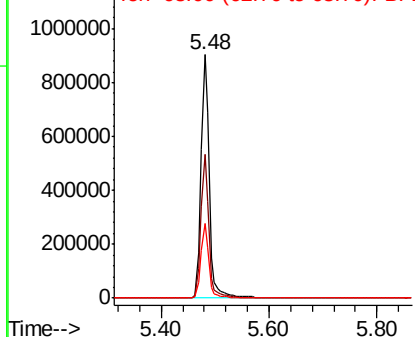
#5

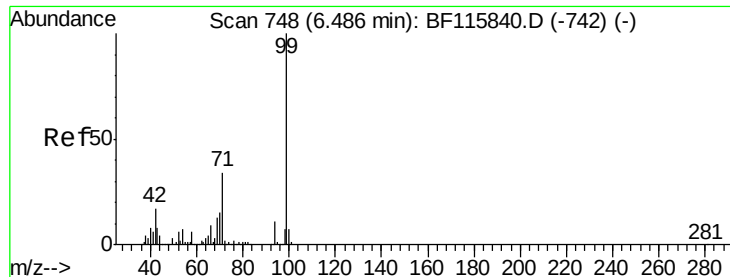
2-Fluorophenol
Concen: 111.595 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF115991.D
Acq: 5 Aug 2019 20:27

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

ClientSampled :

PL-02-080119

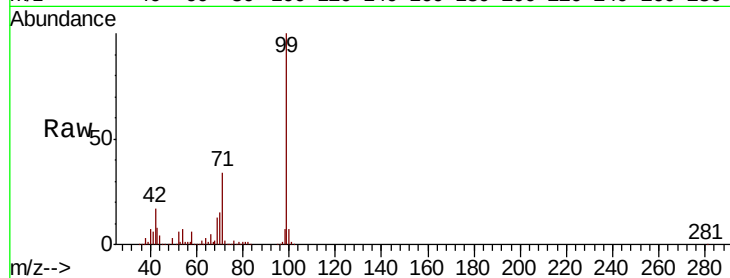
Tot Ion: 99 Resp: 1105102

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.6

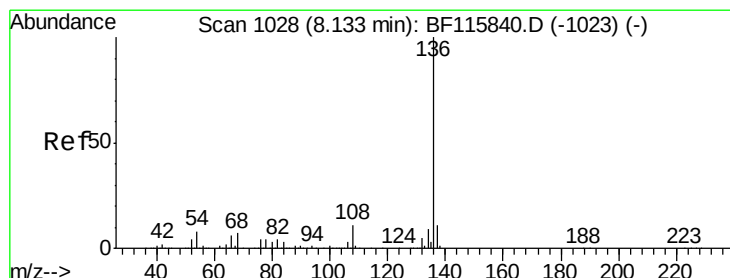
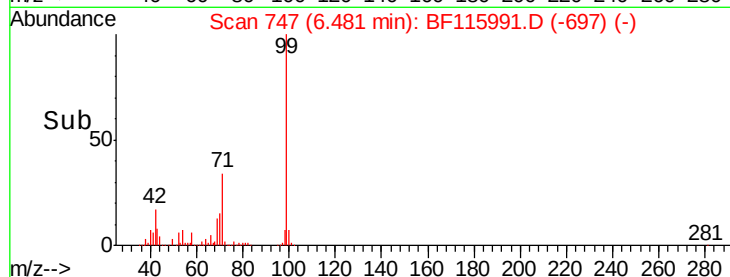
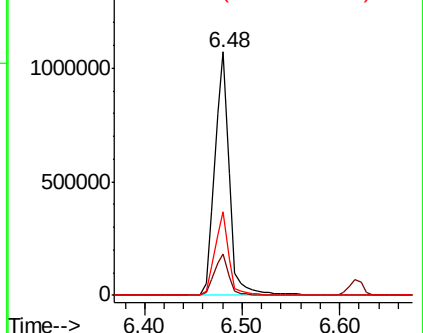
71 34.4 27.1 40.7



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



#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

Tgt Ion: 136 Resp: 547675

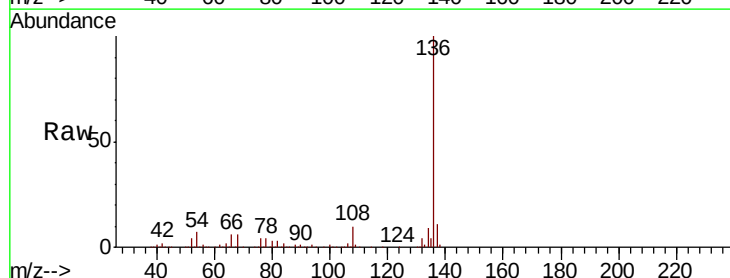
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.1 6.1 9.1

68 6.1 5.4 8.2

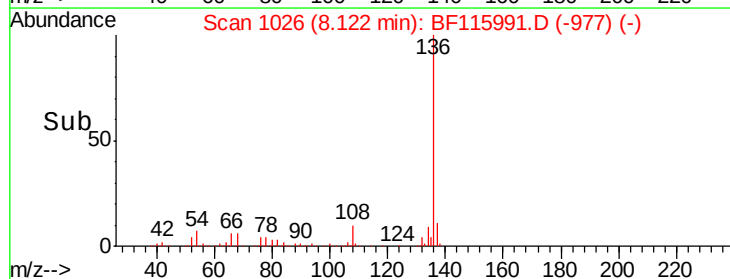
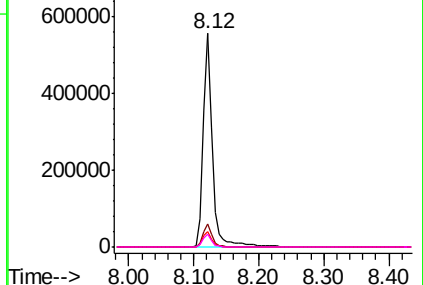


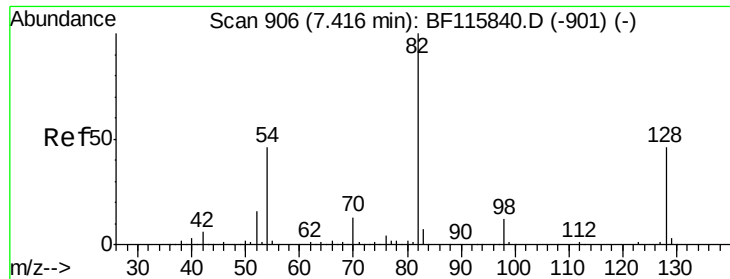
Abundance Ion 136.00 (135.70 to 136.70): E

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

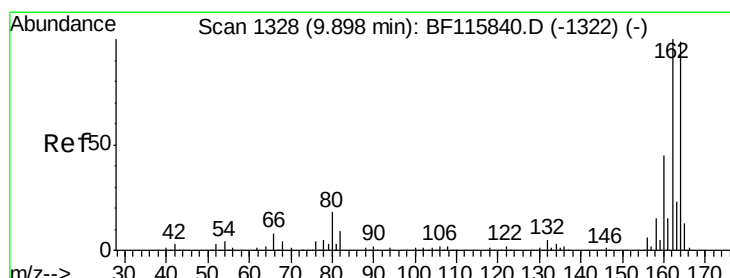
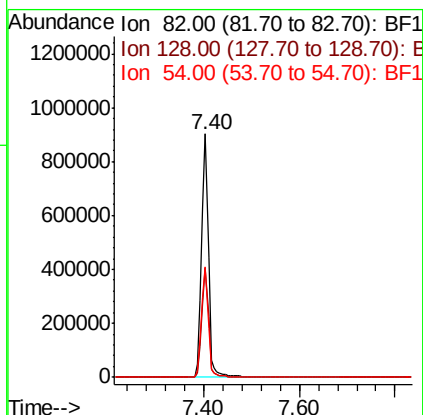
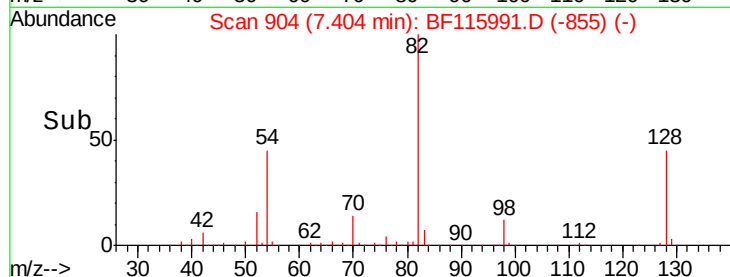
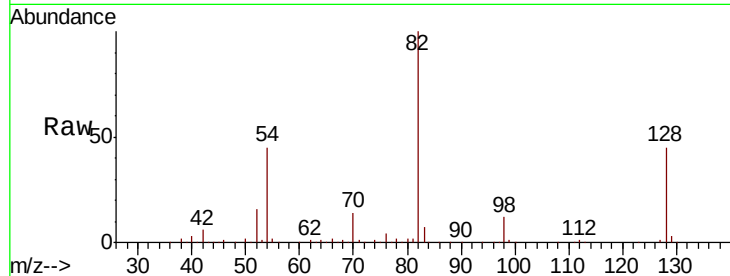




#23
 Nitrobenzene-d5
 Concen: 94.910 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF115991.D
 Acq: 5 Aug 2019 20:27

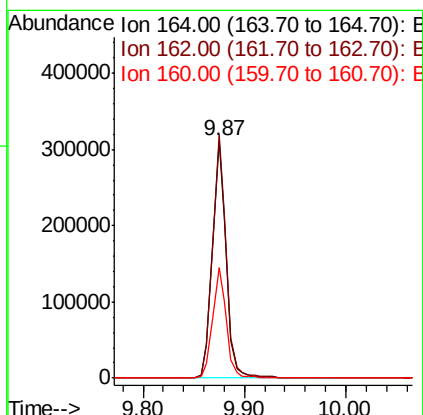
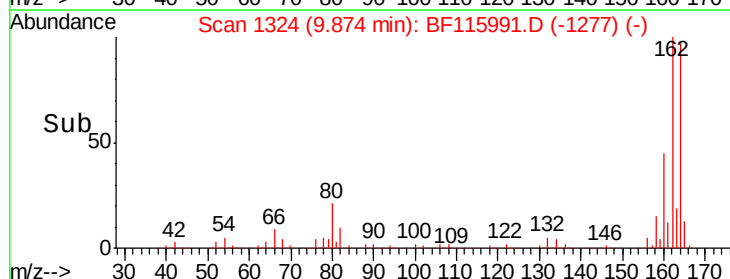
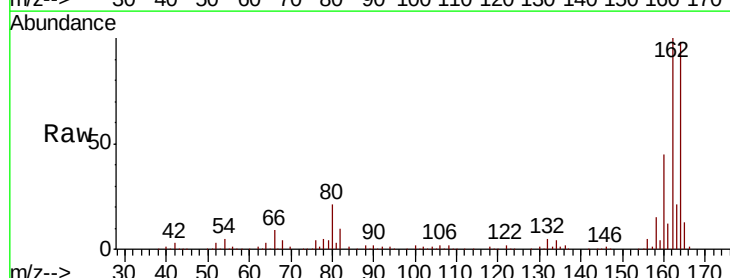
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119

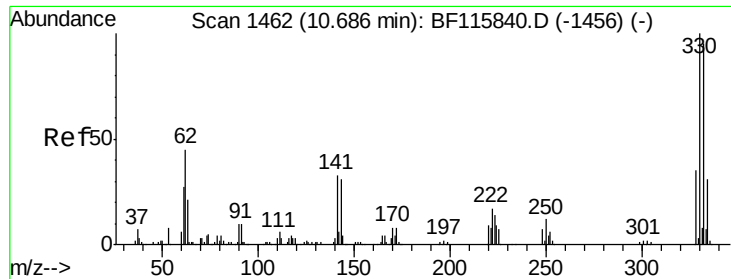
Tot Ion	82	Resp	900501
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.6	55.0
54	45.4	36.6	55.0



#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





#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

ClientSampled :

PL-02-080119

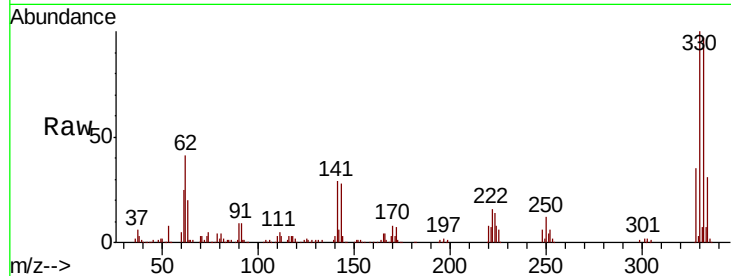
Tot Ion:330 Resp: 404343

Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

141 32.7 28.1 42.1

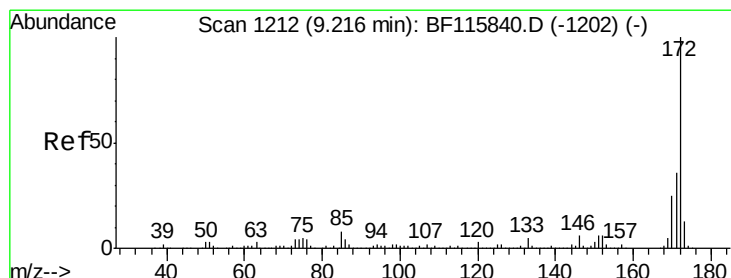
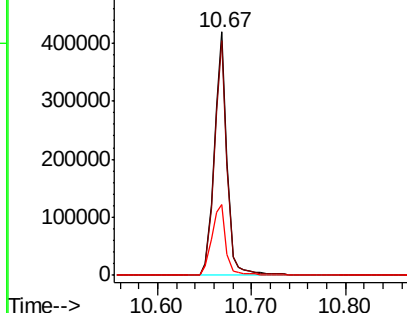
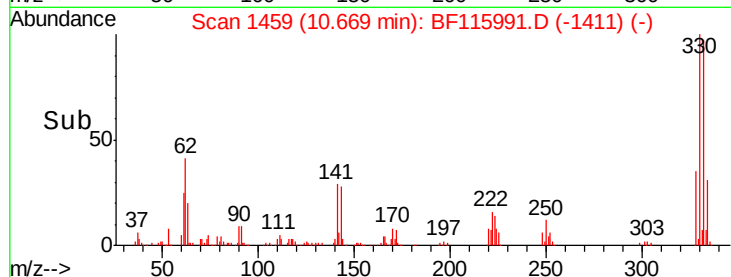


Abundance

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

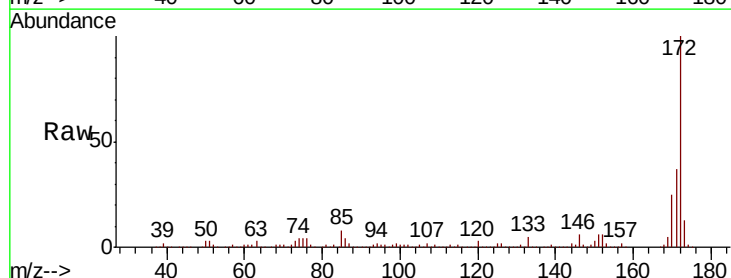
Tgt Ion:172 Resp: 1577017

Ion Ratio Lower Upper

172 100

171 36.7 29.1 43.7

170 25.1 20.1 30.1

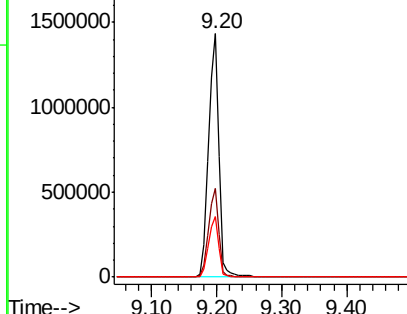
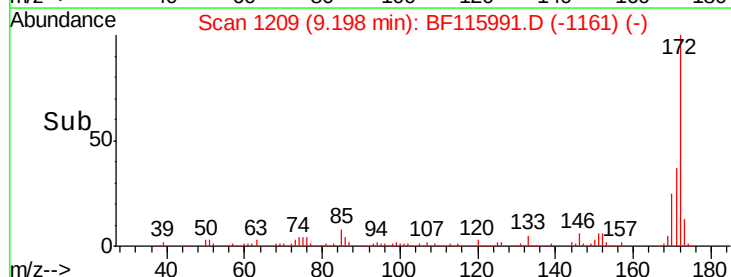


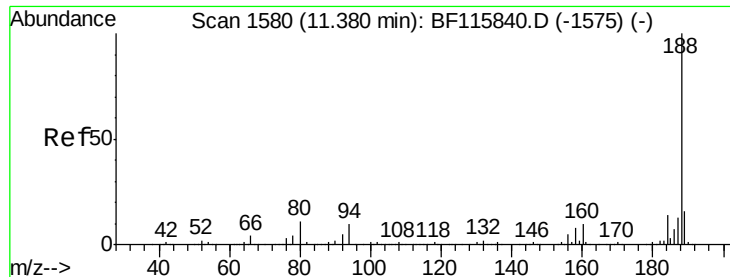
Abundance

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





#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

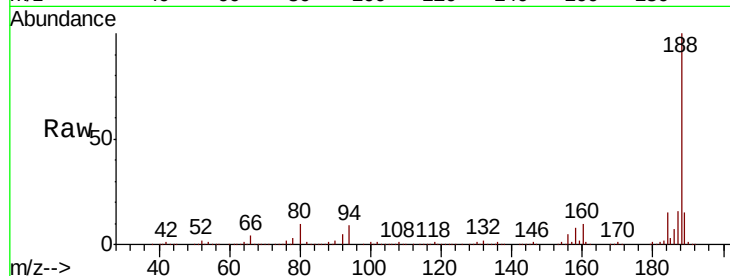
Tot Ion:188 Resp: 532269

Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

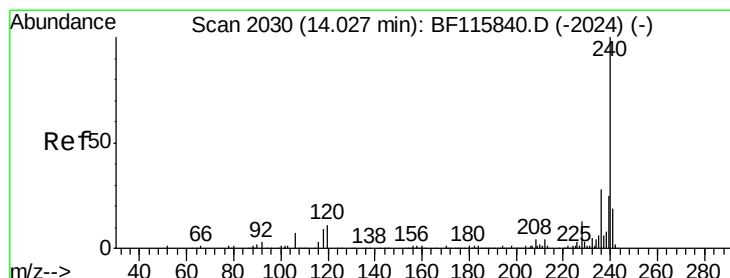
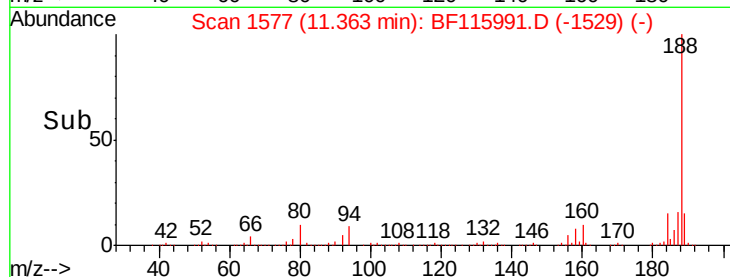
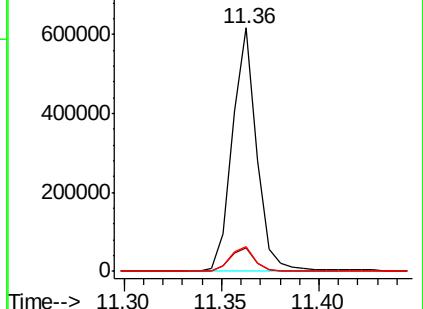
80 10.1 8.6 12.8



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



#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

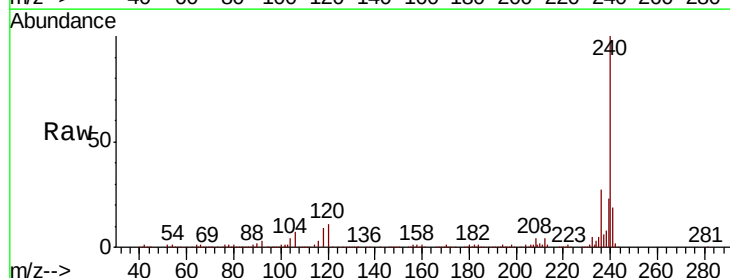
Tgt Ion:240 Resp: 426887

Ion Ratio Lower Upper

240 100

120 10.5 8.5 12.7

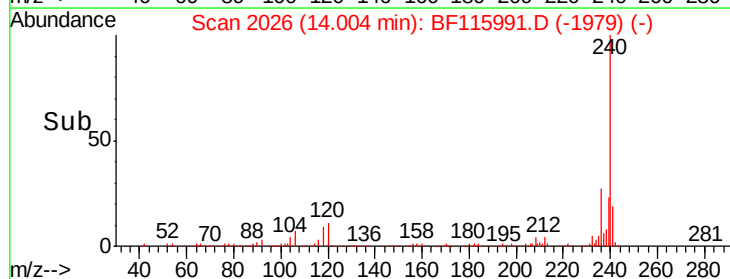
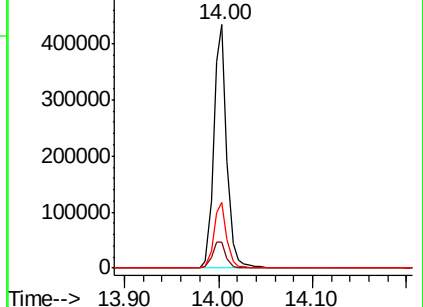
236 27.2 22.2 33.2

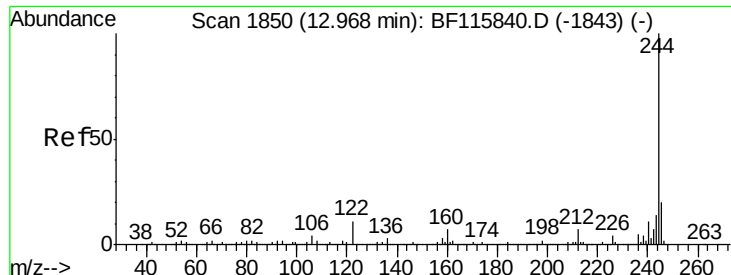


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 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

Instrument :

BNA_F

ClientSampleId :

PL-02-080119

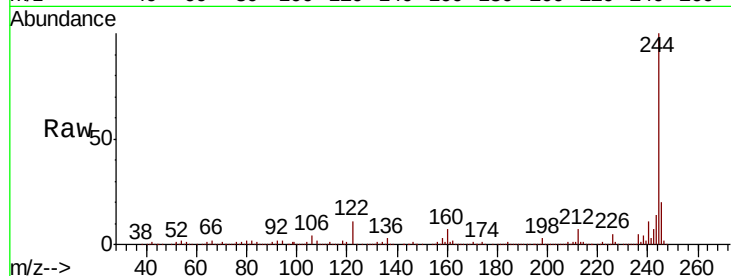
Tot Ion:244 Resp: 1881129

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

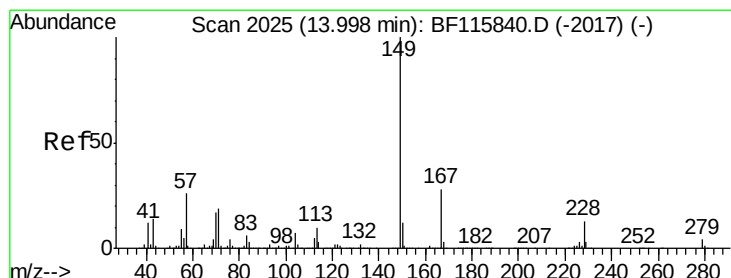
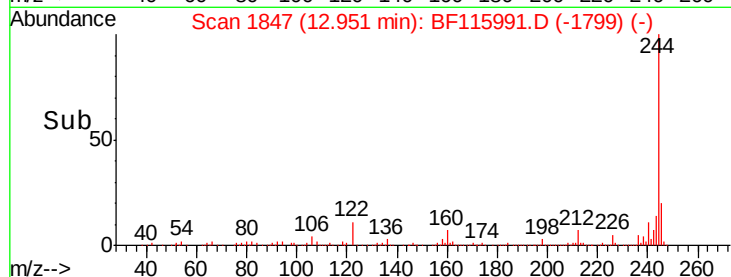
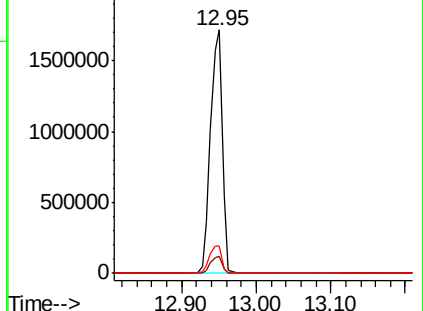
122 11.0 8.6 13.0



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



#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

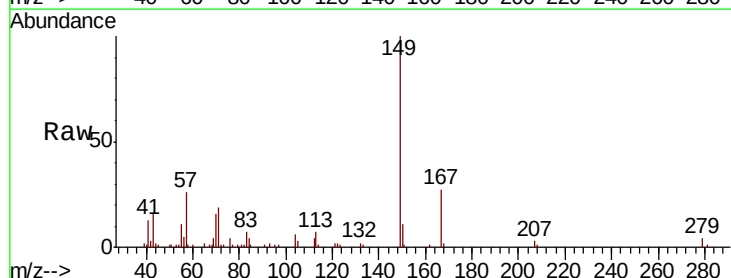
Tgt Ion:149 Resp: 48330

Ion Ratio Lower Upper

149 100

167 26.6 22.4 33.6

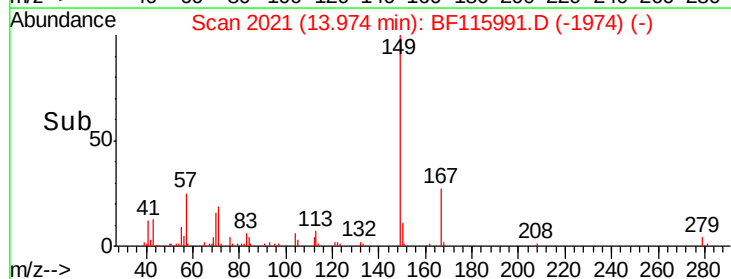
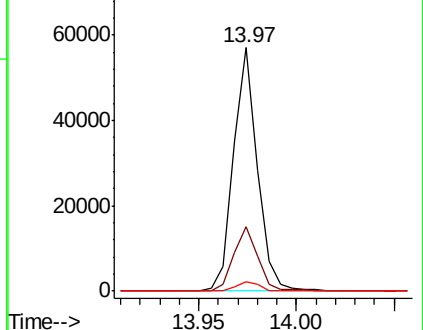
279 4.1 3.3 4.9

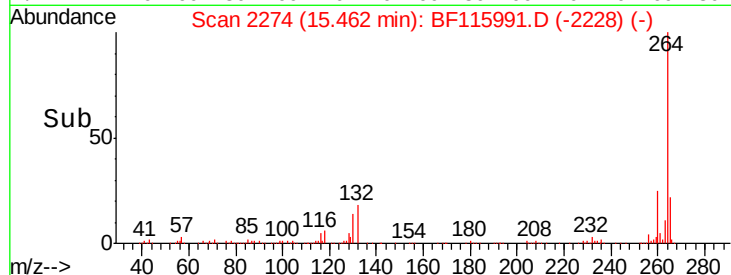
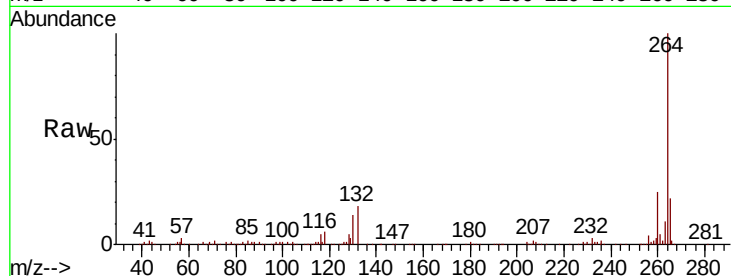
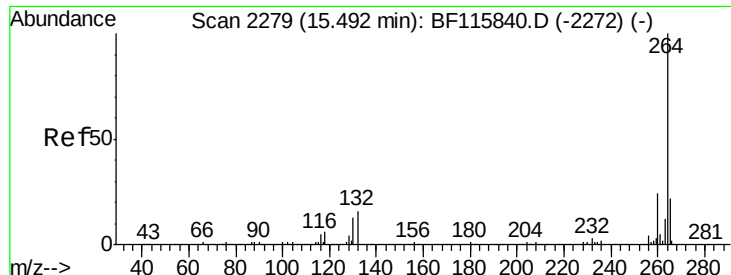


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-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

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119

Tot Ion:264	Resp:	371035
Ion	Ratio	Lower Upper
264	100	
260	24.7	19.4 29.2
265	22.1	17.5 26.3

