

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113115.D
 Acq On : 19 Mar 2019 3:13
 Operator : JU/SJ
 Sample : K1947-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B032-031319

Quant Time: Mar 19 07:11:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

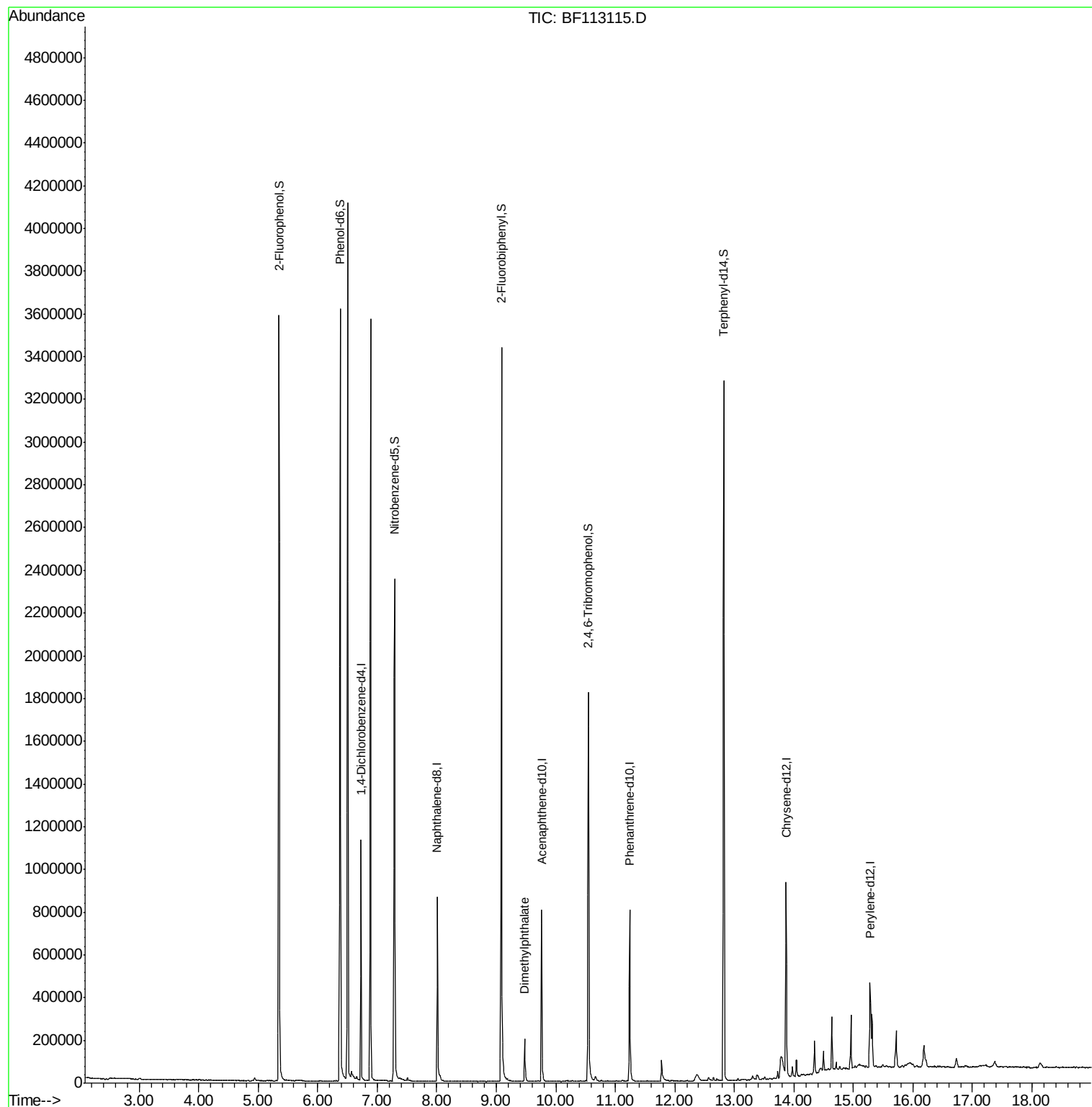
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	157943	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	436224	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	186335	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	350179	20.00	ng	0.00
76) Chrysene-d12	13.87	240	331566	20.00	ng	0.00
87) Perylene-d12	15.28	264	217160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1075854	105.96	ng	0.00
7) Phenol-d6	6.38	99	1424144	111.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	834886	114.52	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	289247	146.22	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1219740	122.36	ng	0.00
79) Terphenyl-d14	12.82	244	1193330	69.77	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	107154	7.799	ng	Qvalue 99

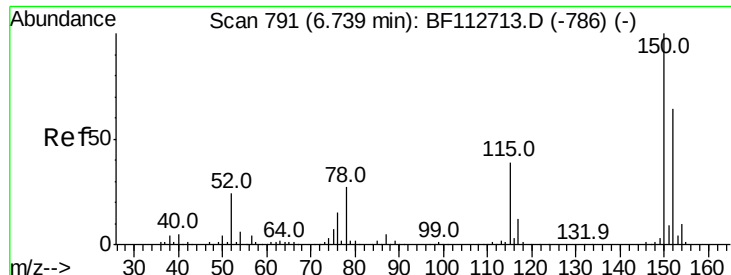
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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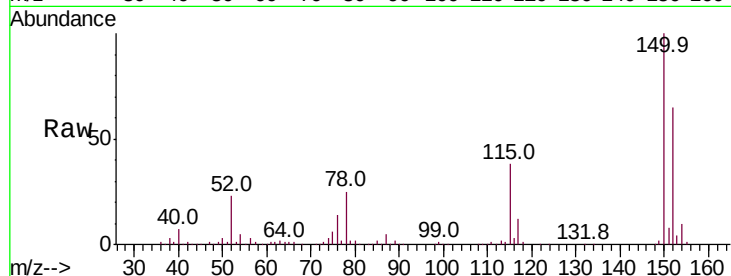


#1

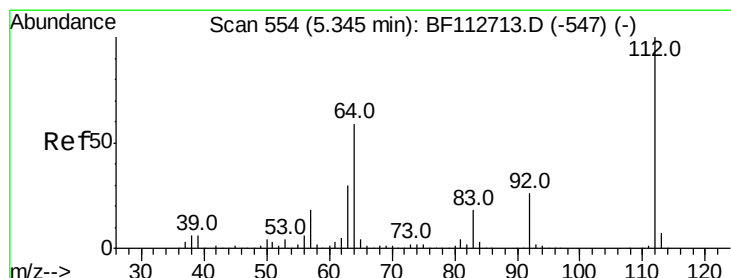
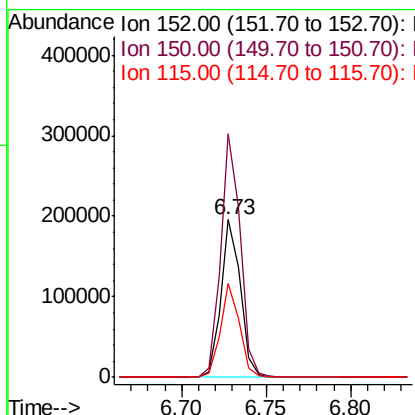
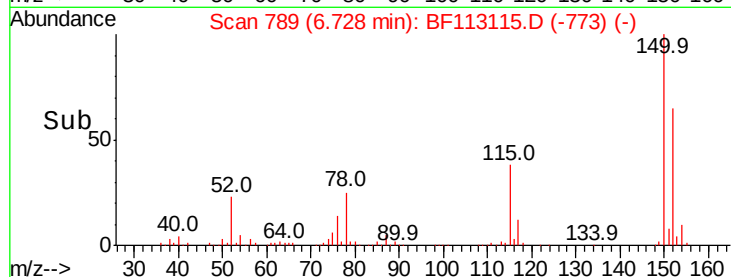
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113115.D
Acq: 19 Mar 2019 3:13

Instrument :
BNA_F
ClientSampleId :
PST-025-B032-031319

Tot Ion:152 Resp: 157943
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.2
115 59.4 48.2 72.4



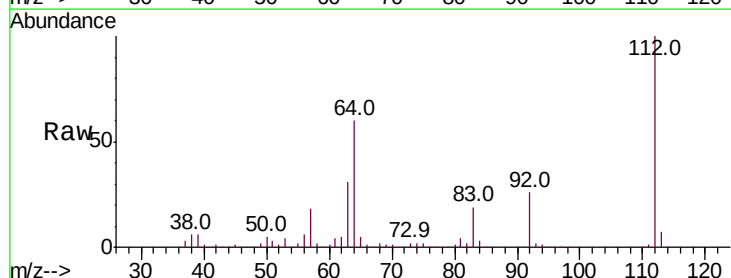
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



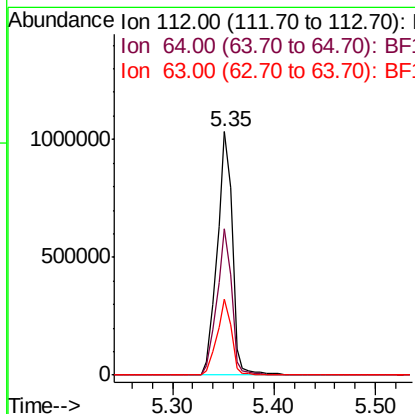
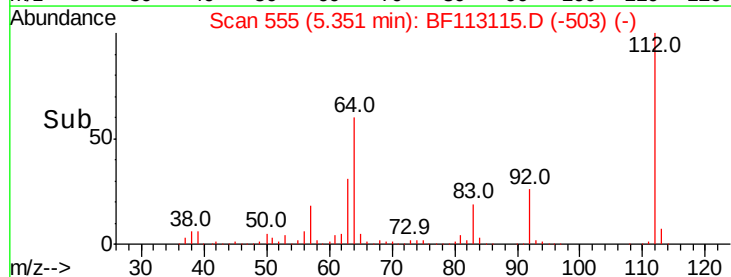
#5

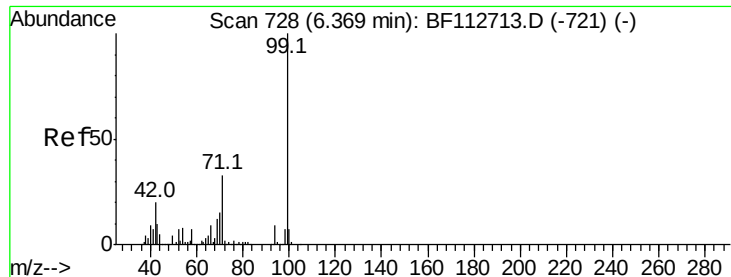
2-Fluorophenol
Concen: 105.958 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113115.D
Acq: 19 Mar 2019 3:13

Tgt Ion:112 Resp: 1075854
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 30.9 24.4 36.6



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: 111.658 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113115.D

Acq: 19 Mar 2019 3:13

Instrument :

BNA_F

ClientSampleId :

PST-025-B032-031319

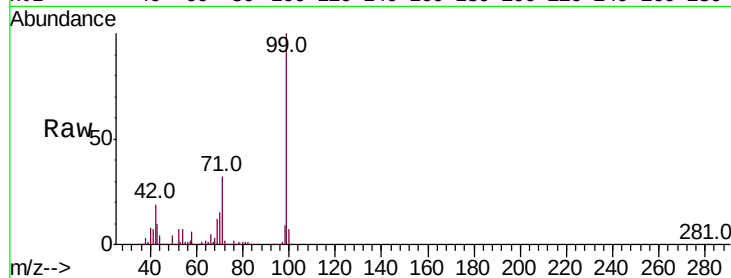
Tot Ion: 99 Resp: 1424144

Ion Ratio Lower Upper

99 100

42 18.6 16.3 24.5

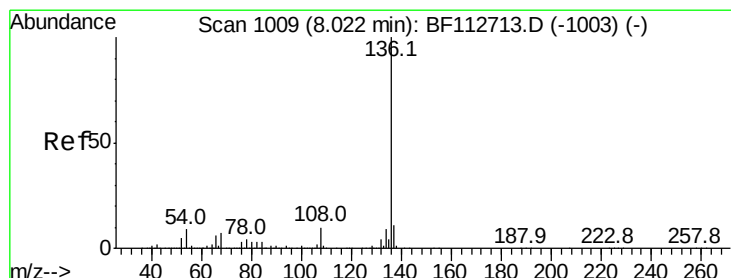
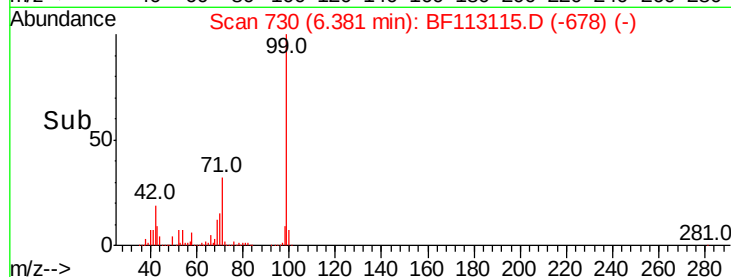
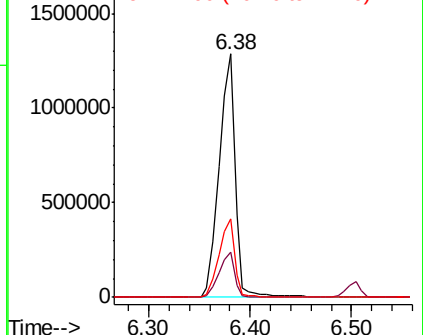
71 32.5 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113115.D

Acq: 19 Mar 2019 3:13

Tgt Ion: 136 Resp: 436224

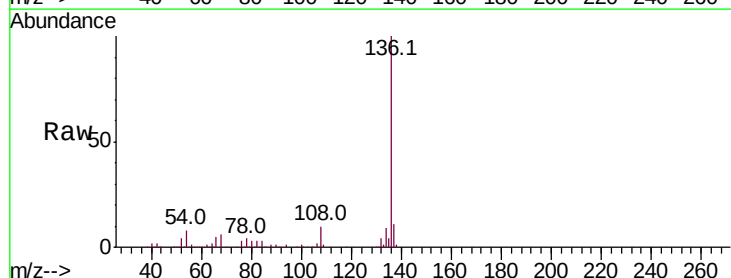
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.3 7.3 10.9

68 5.6 5.4 8.2

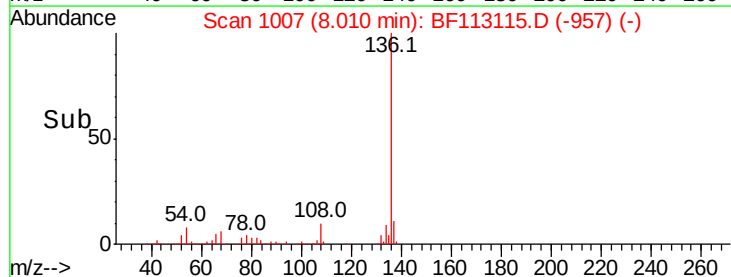
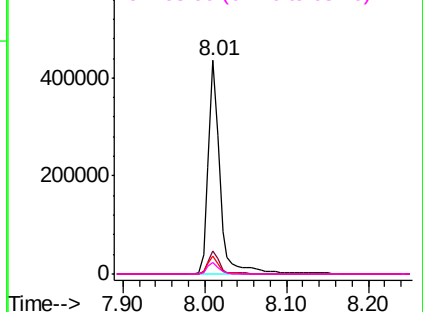


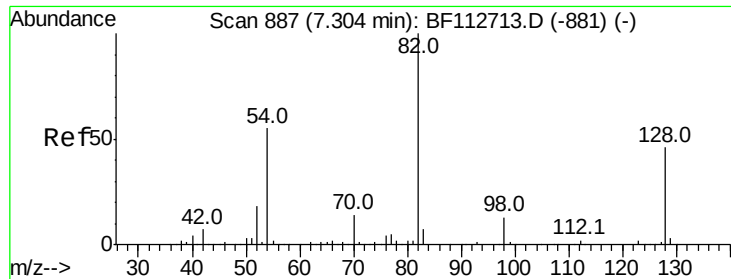
Abundance Ion 136.00 (135.70 to 136.70): E

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

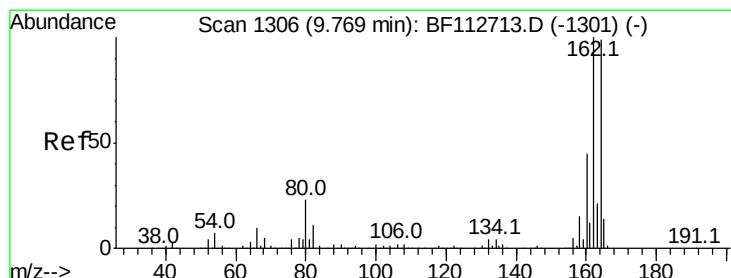
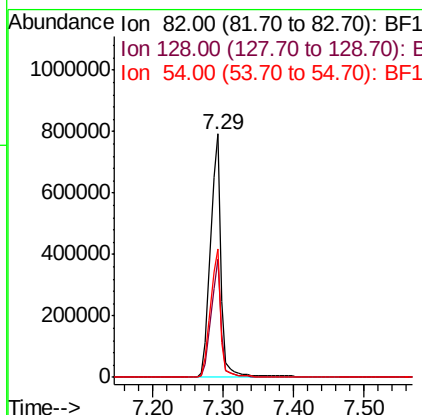
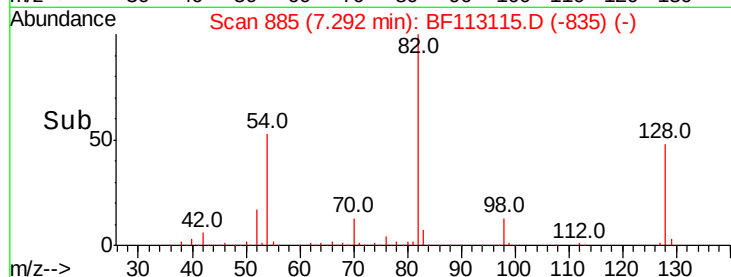
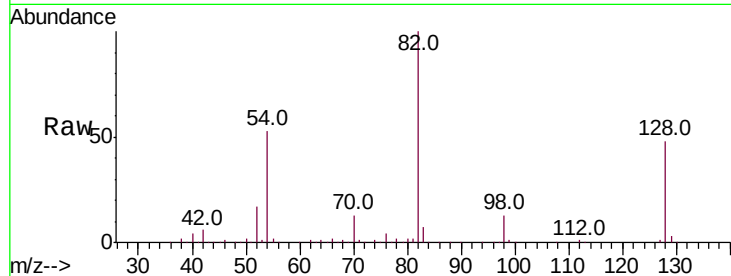




#23
Nitrobenzene-d5
Concen: 114.523 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113115.D
Acq: 19 Mar 2019 3:13

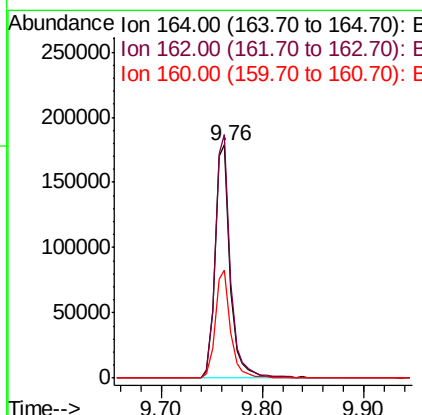
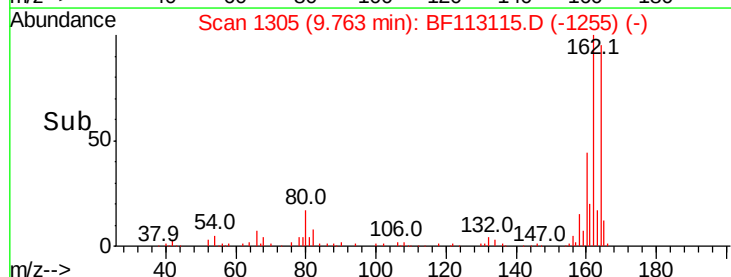
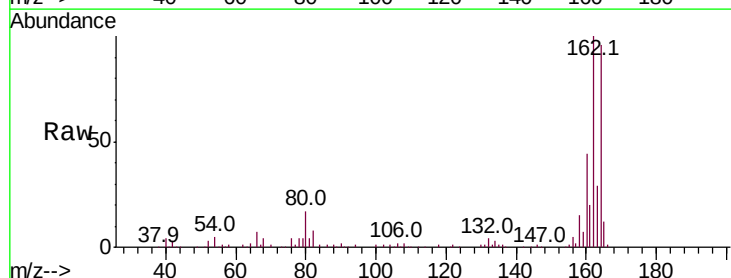
Instrument :
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ClientSampleId :
PST-025-B032-031319

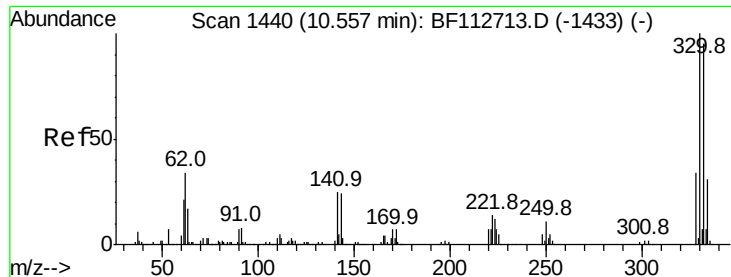
Tot Ion: 82 Resp: 834886
Ion Ratio Lower Upper
82 100
128 48.4 36.3 54.5
54 52.8 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113115.D
Acq: 19 Mar 2019 3:13

Tgt Ion:164 Resp: 186335
Ion Ratio Lower Upper
164 100
162 104.4 80.6 120.8
160 46.0 36.0 54.0

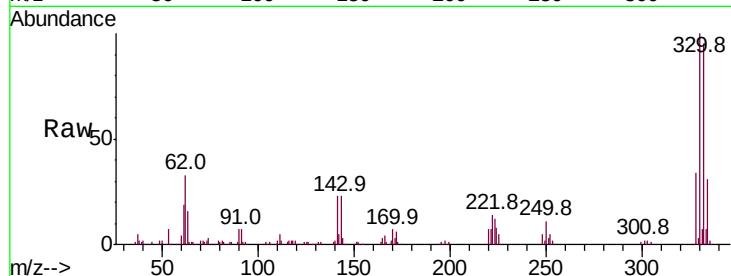




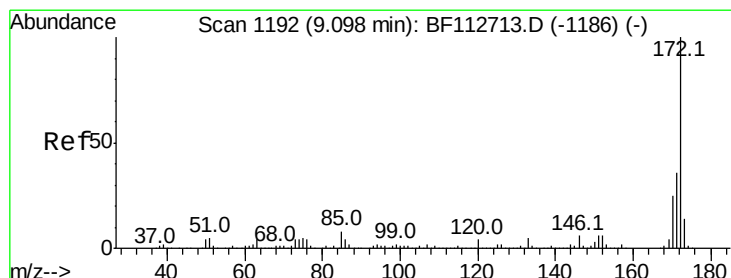
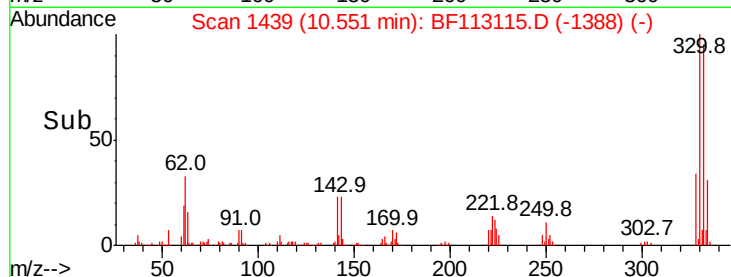
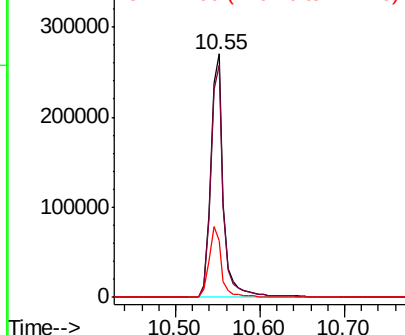
#42
 2,4,6-Tribromophenol
 Concen: 146.219 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF113115.D
 Acq: 19 Mar 2019 3:13

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B032-031319

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	28.5	27.0	40.6

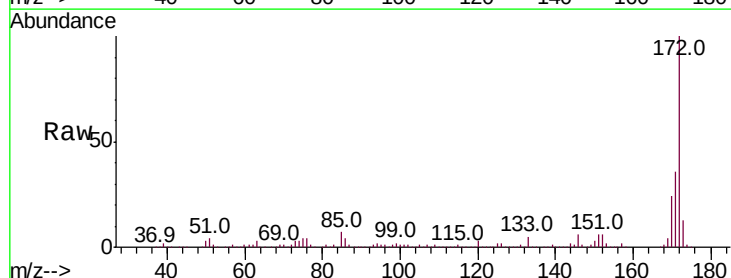


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

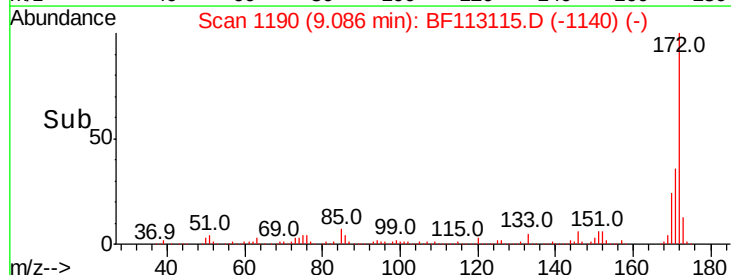
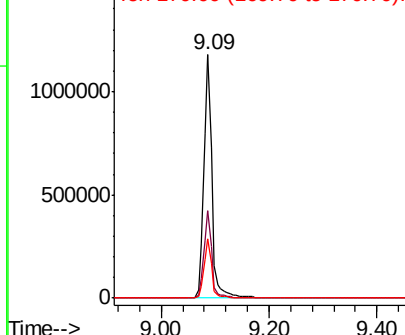


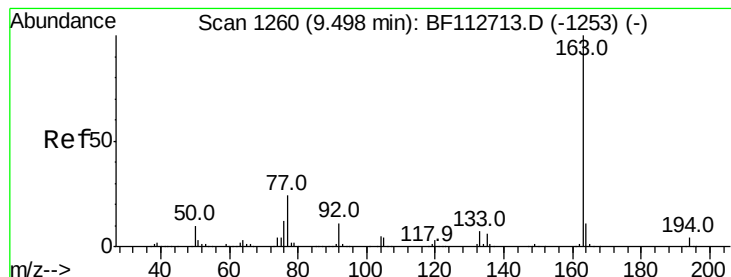
#45
 2-Fluorobiphenyl
 Concen: 122.359 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113115.D
 Acq: 19 Mar 2019 3:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.3	20.0	30.0



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: 7.799 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113115.D

Acq: 19 Mar 2019 3:13

Instrument :

BNA_F

ClientSampleId :

PST-025-B032-031319

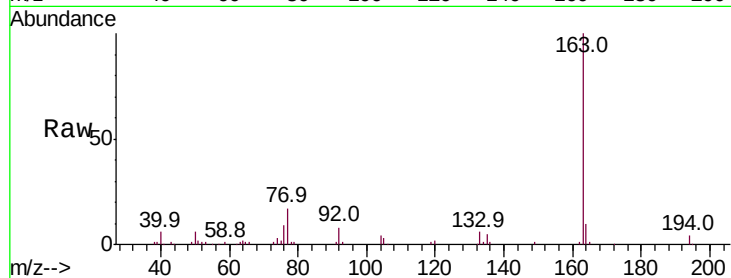
Tot Ion:163 Resp: 107154

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

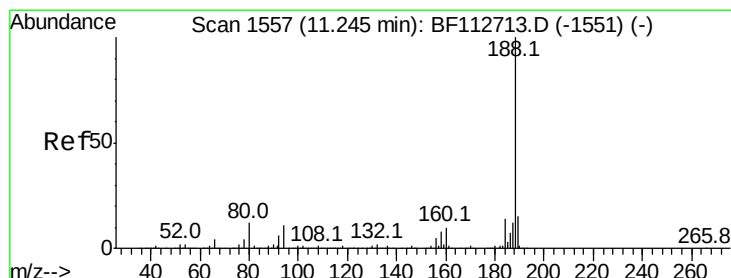
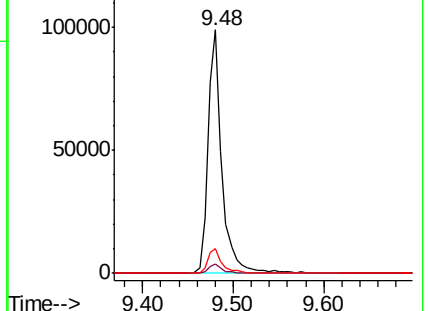
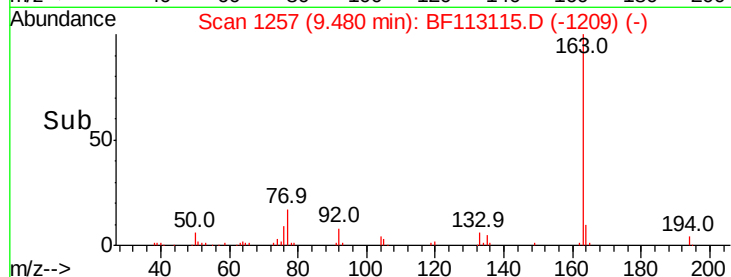
164 10.2 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113115.D

Acq: 19 Mar 2019 3:13

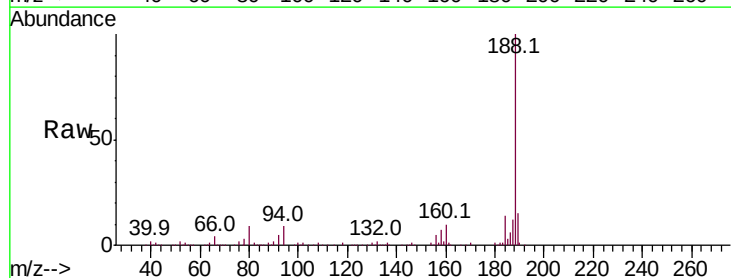
Tgt Ion:188 Resp: 350179

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

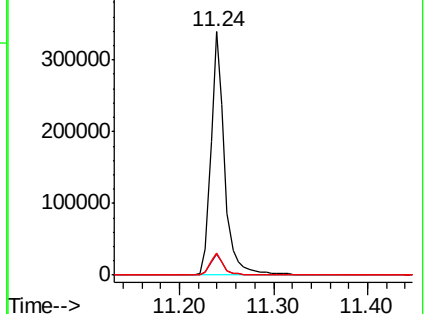
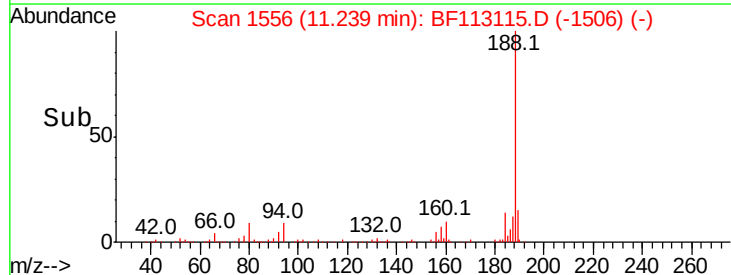
80 9.3 9.2 13.8

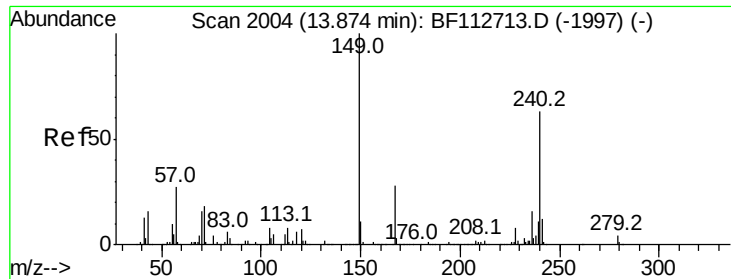


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

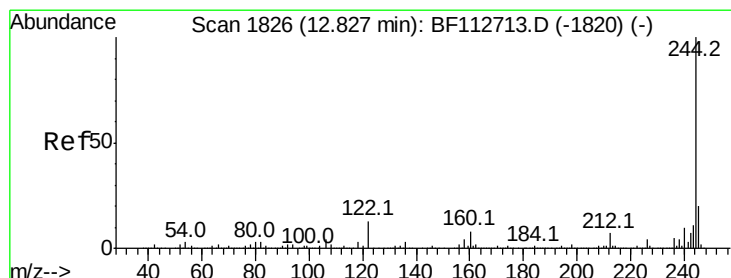
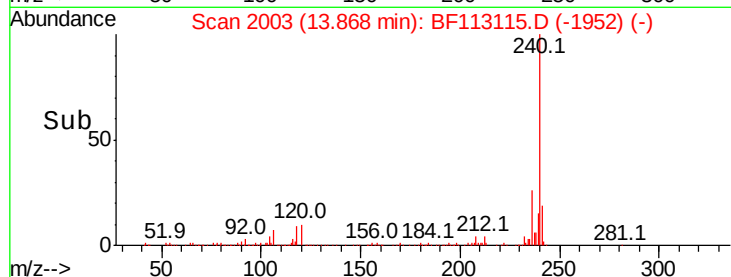
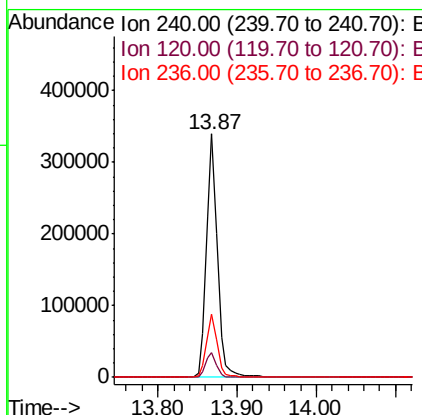
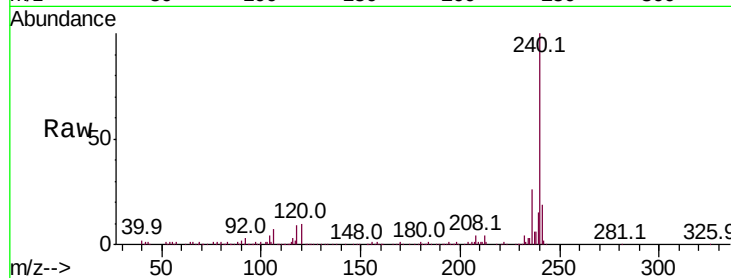




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113115.D
 Acq: 19 Mar 2019 3:13

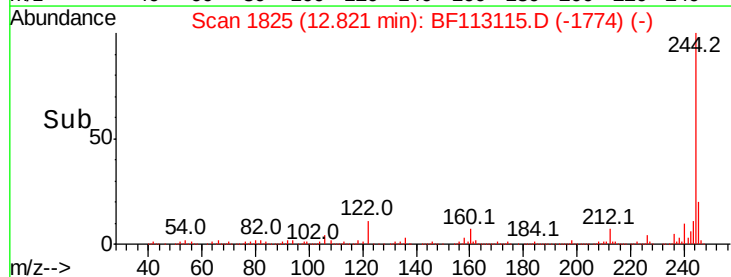
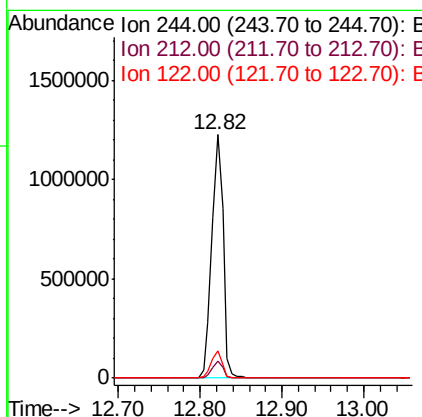
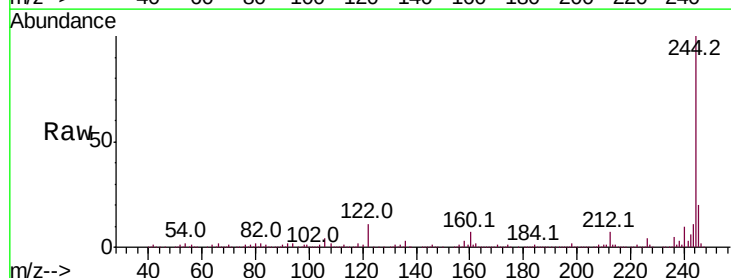
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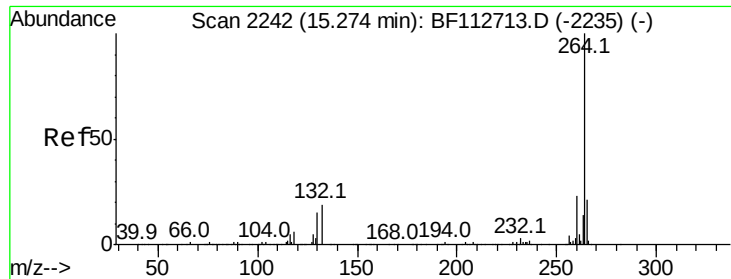
Tot Ion:240 Resp: 331566
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.9 13.3
 236 25.7 20.7 31.1



#79
 Terphenyl-d14
 Concen: 69.768 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113115.D
 Acq: 19 Mar 2019 3:13

Tgt Ion:244 Resp: 1193330
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.1 10.5 15.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113115.D
 Acq: 19 Mar 2019 3:13

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B032-031319

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.8	17.2	25.8

