

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112991.D
 Acq On : 12 Mar 2019 8:29
 Operator : JU/SJ
 Sample : K1817-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-SW069-030719

Quant Time: Mar 12 09:41:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

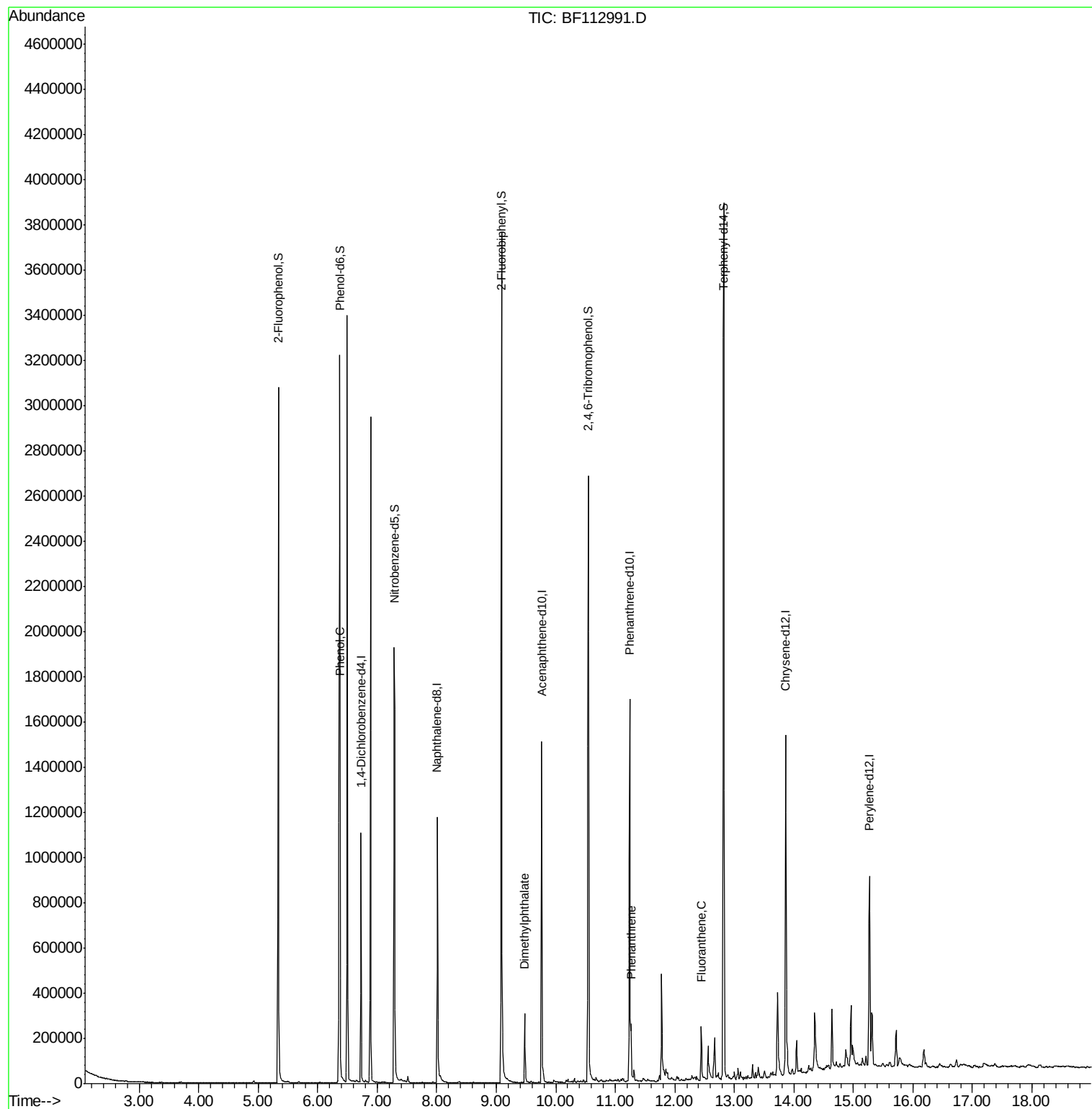
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	159874	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	623310	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	314698	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	648260	20.00	ng	0.00
76) Chrysene-d12	13.86	240	538252	20.00	ng	-0.01
87) Perylene-d12	15.27	264	413363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	897946	87.37	ng	0.00
7) Phenol-d6	6.37	99	1139017	88.22	ng	0.00
23) Nitrobenzene-d5	7.29	82	673223	64.63	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	382877	114.60	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1269214	62.27	ng	-0.01
79) Terphenyl-d14	12.82	244	1395867	50.27	ng	0.00
Target Compounds						
10) Phenol	6.38	94	86316	5.729	ng	87
50) Dimethylphthalate	9.48	163	139482	6.011	ng	98
71) Phenanthrene	11.26	178	79299	2.459	ng	96
75) Fluoranthene	12.44	202	94194	2.726	ng	96

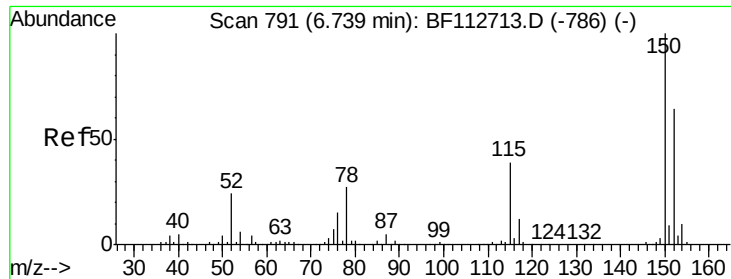
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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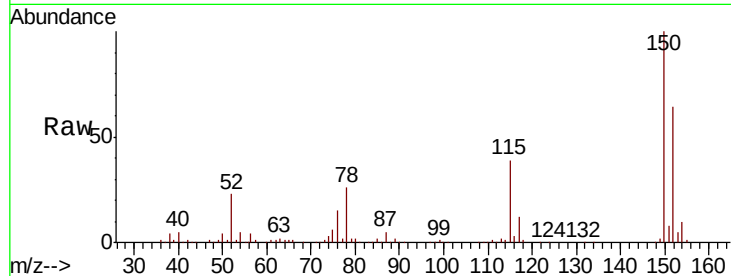


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

Instrument :
BNA_F
ClientSampleId :
PST-027-SW069-030719

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.2	186.2
115	60.4	48.2	72.4

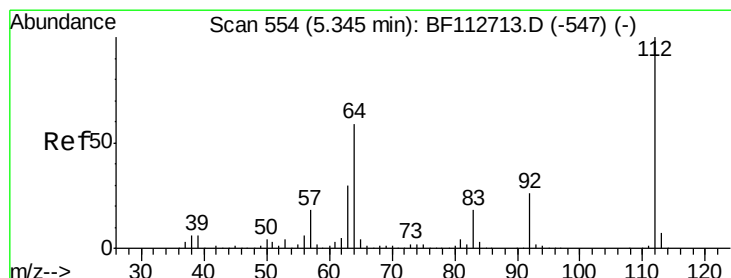
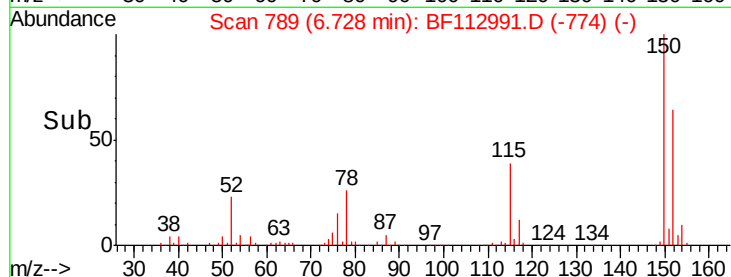
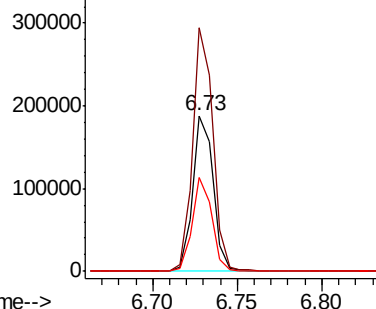


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

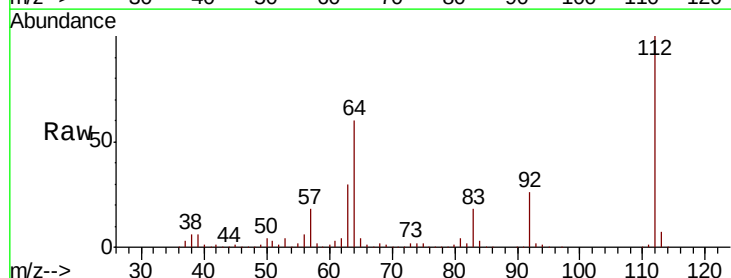
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.368 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.6	71.4
63	29.9	24.4	36.6

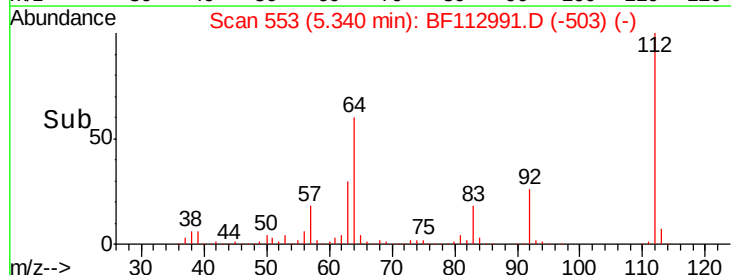
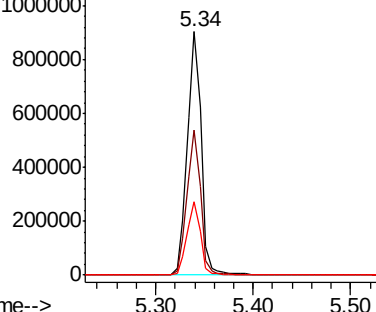


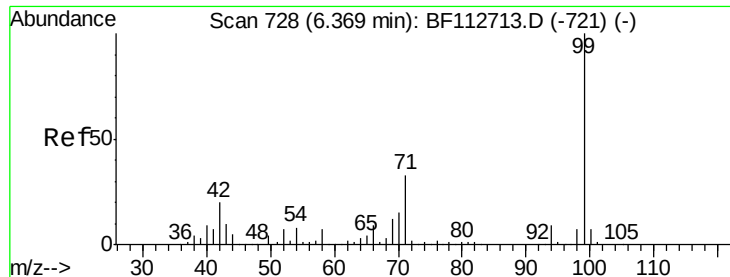
Abundance

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: 88.224 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112991.D

Acq: 12 Mar 2019 8:29

Instrument :

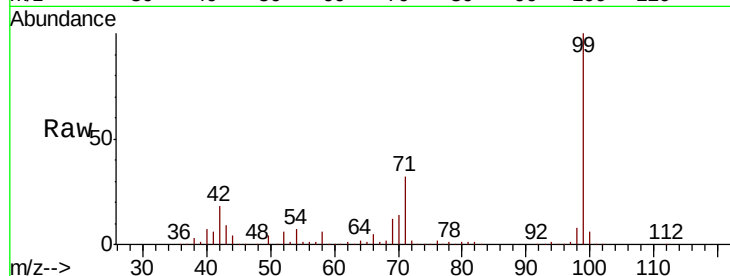
BNA_F

ClientSampleId :

PST-027-SW069-030719

Tot Ion: 99 Resp: 1139017

Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.3	24.5
71	31.9	26.2	39.4

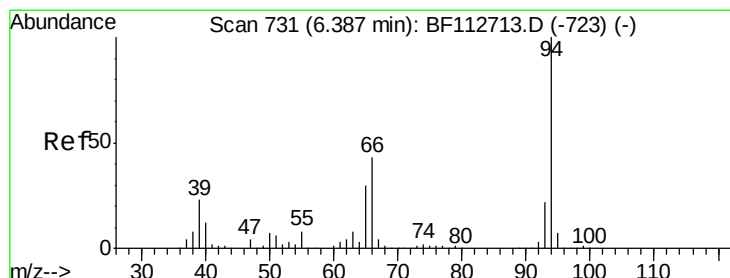
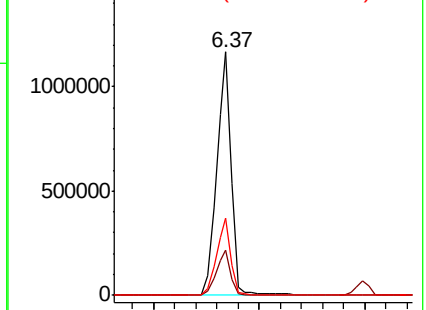
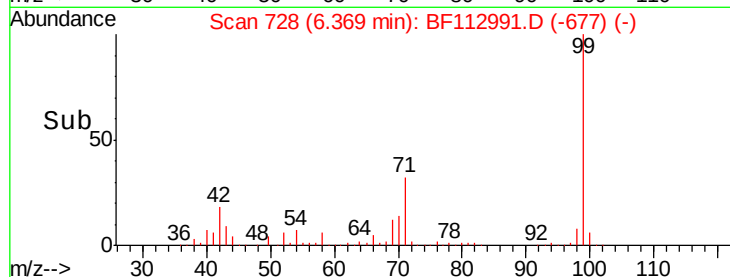


Abundance

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



#10

Phenol

Concen: 5.729 ng

RT: 6.38 min Scan# 730

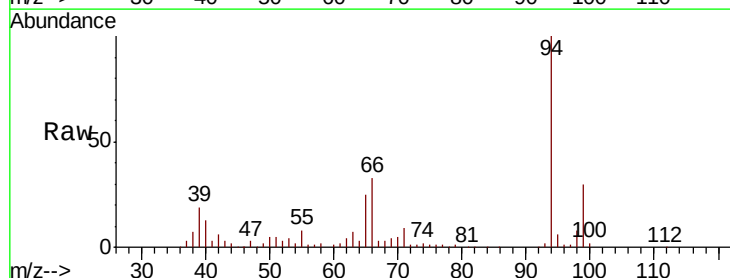
Delta R.T. -0.01 min

Lab File: BF112991.D

Acq: 12 Mar 2019 8:29

Tgt Ion: 94 Resp: 86316

Ion	Ratio	Lower	Upper
94	100		
65	25.2	10.5	50.5
66	32.7	22.6	62.6

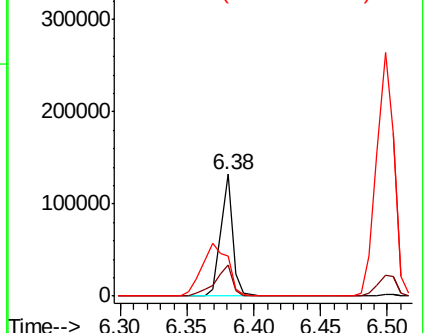
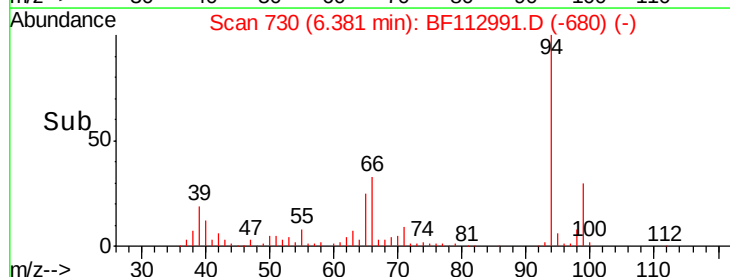


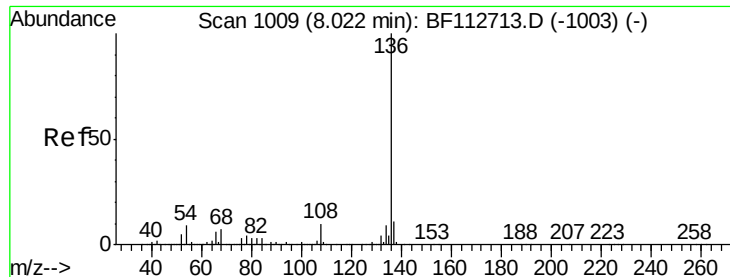
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

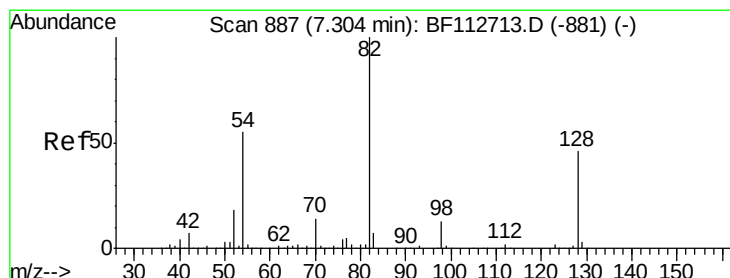
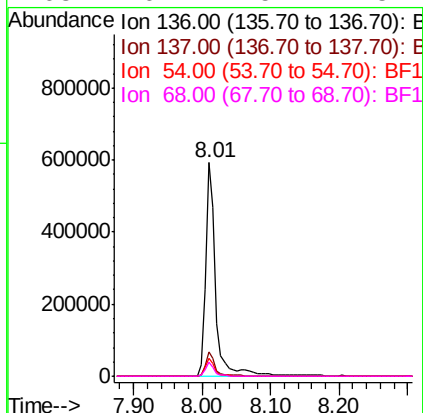
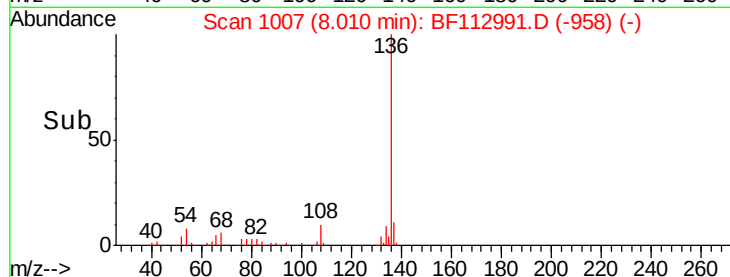
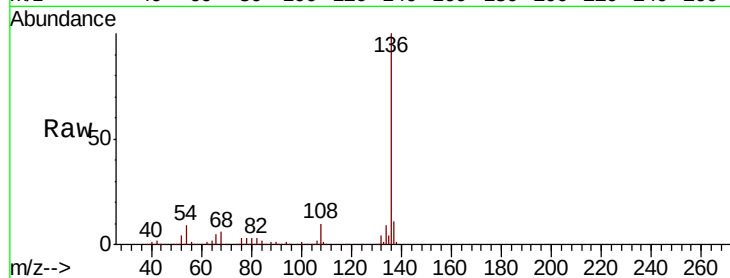




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

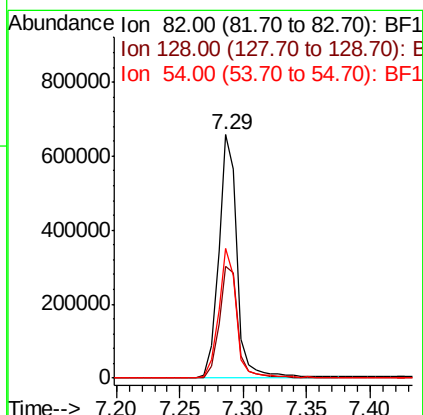
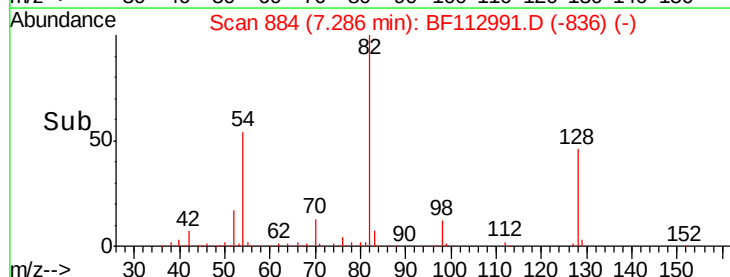
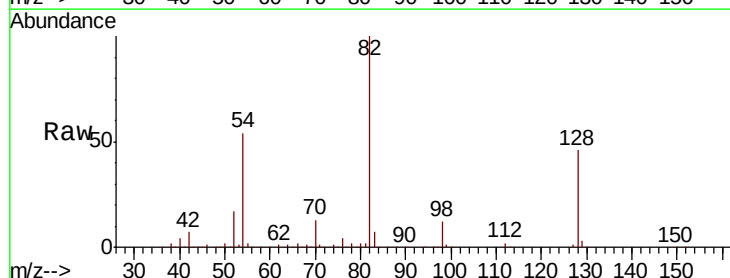
Instrument :
BNA_F
ClientSampleId :
PST-027-SW069-030719

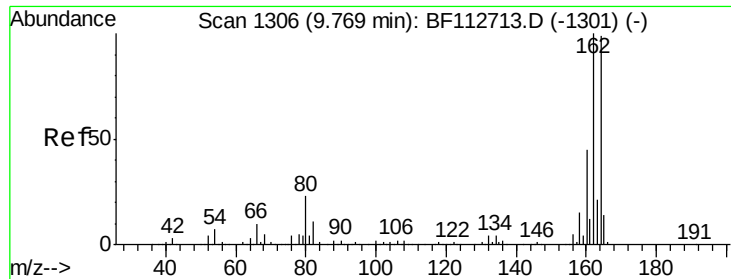
Tot Ion:136	Resp:	623310	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.9	13.3	
54 8.5	7.3	10.9	
68 6.4	5.4	8.2	



#23
Nitrobenzene-d5
Concen: 64.630 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

Tgt Ion: 82	Resp: 673223
Ion Ratio	Lower Upper
82 100	
128 45.9	36.3 54.5
54 53.5	43.7 65.5

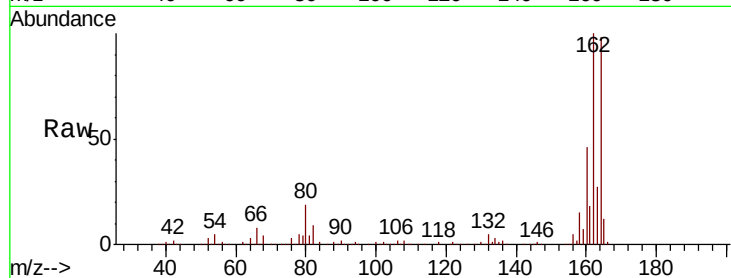




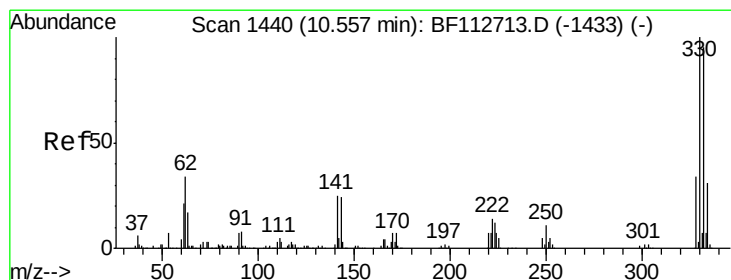
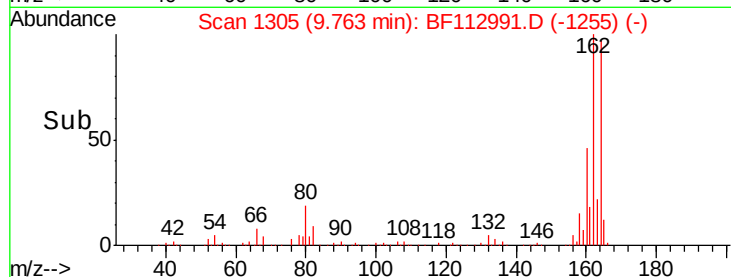
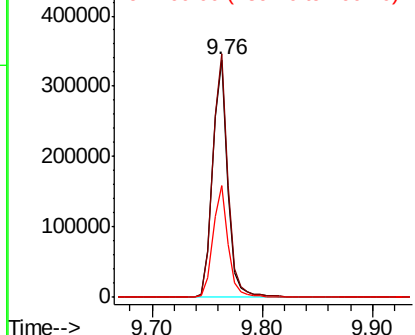
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

Instrument :
BNA_F
ClientSampleId :
PST-027-SW069-030719

Tot Ion:164 Resp: 314698
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 46.8 36.0 54.0

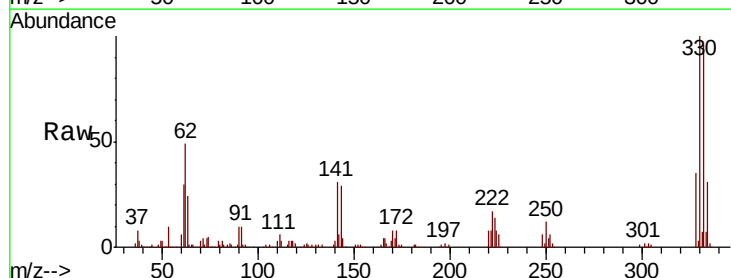


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

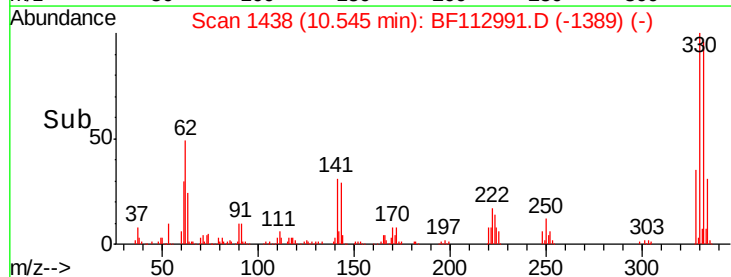
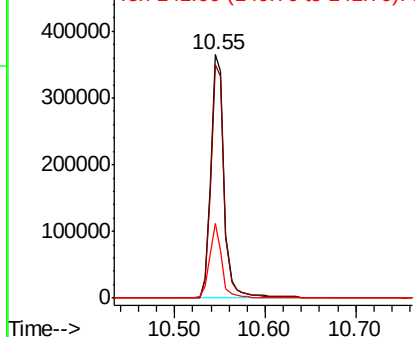


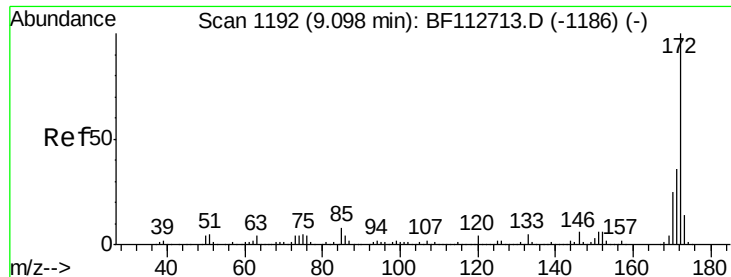
#42
2,4,6-Tribromophenol
Concen: 114.602 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

Tgt Ion:330 Resp: 382877
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 28.4 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

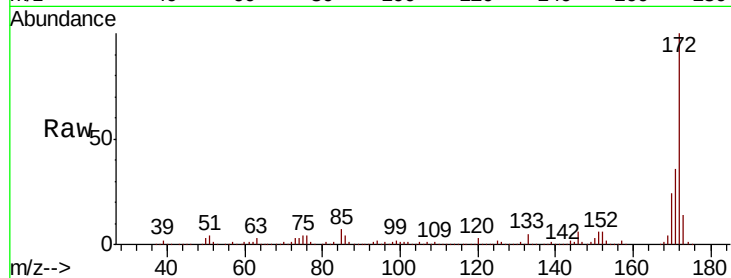




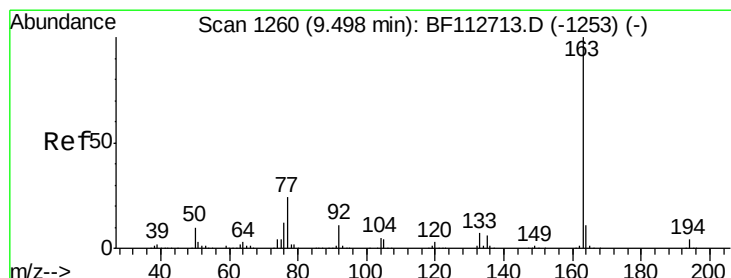
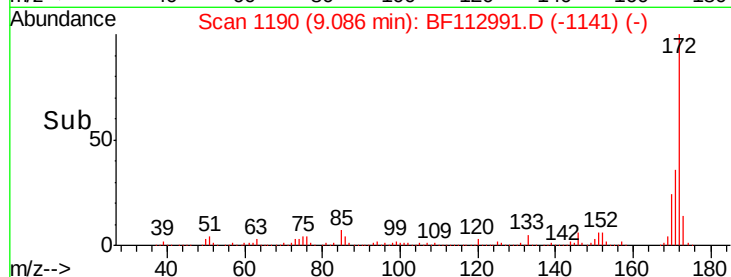
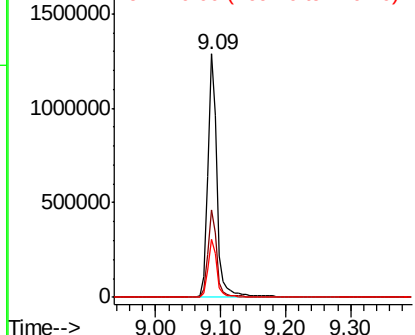
#45
2-Fluorobiphenyl
Concen: 62.272 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

Instrument :
BNA_F
ClientSampleId :
PST-027-SW069-030719

Tot Ion:172 Resp: 1269214
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.0 20.0 30.0

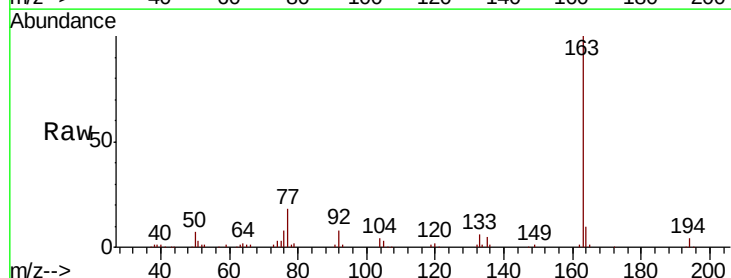


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

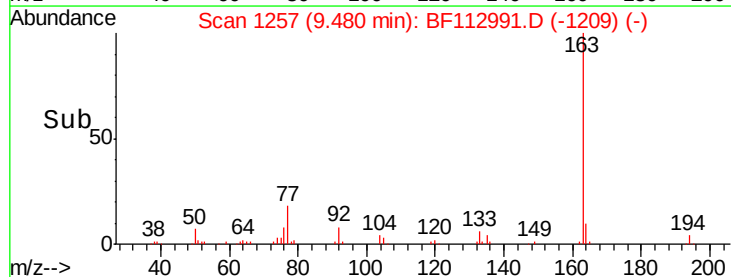
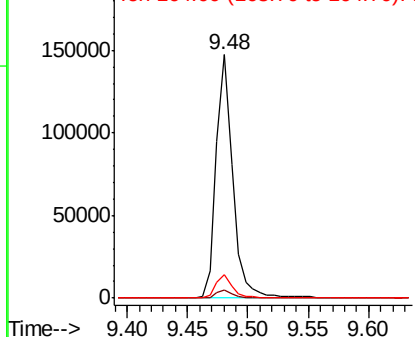


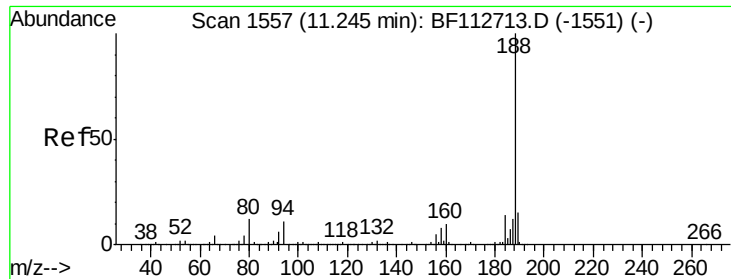
#50
Dimethylphthalate
Concen: 6.011 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

Tgt Ion:163 Resp: 139482
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.8 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

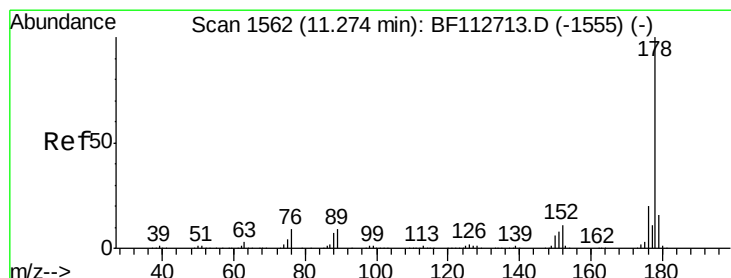
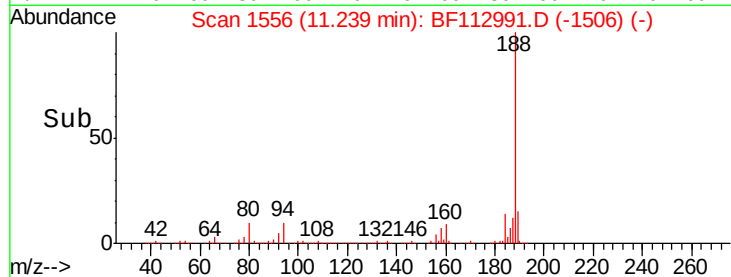
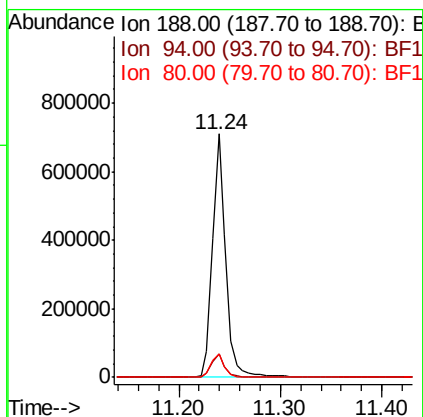
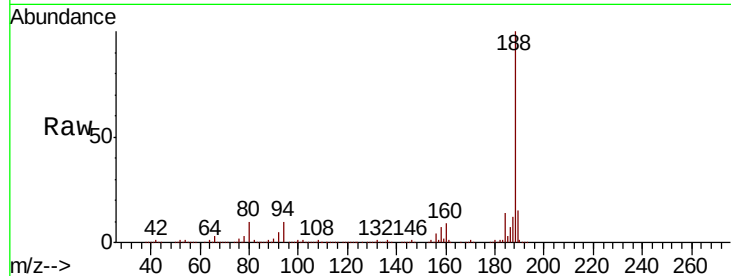




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

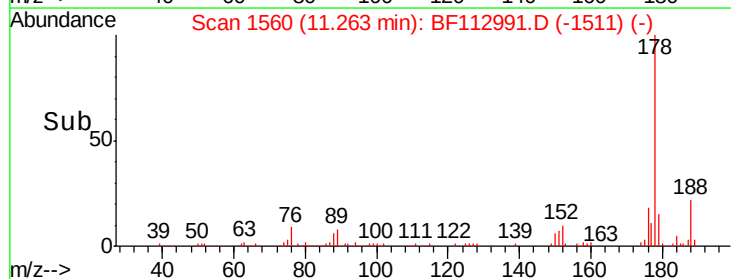
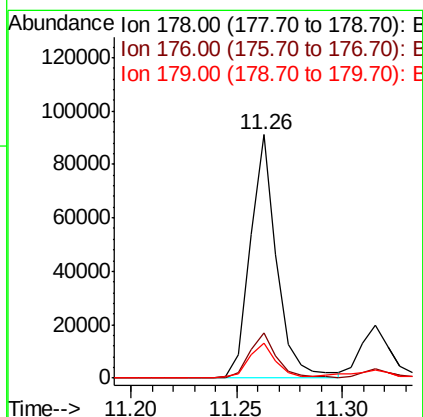
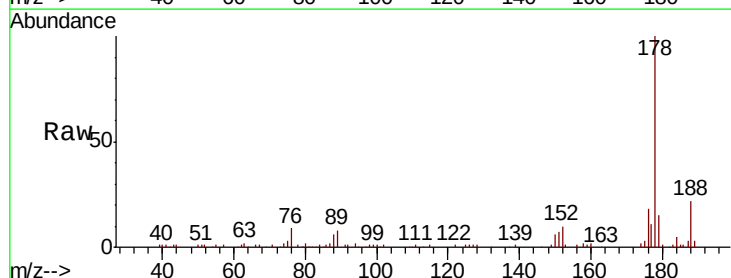
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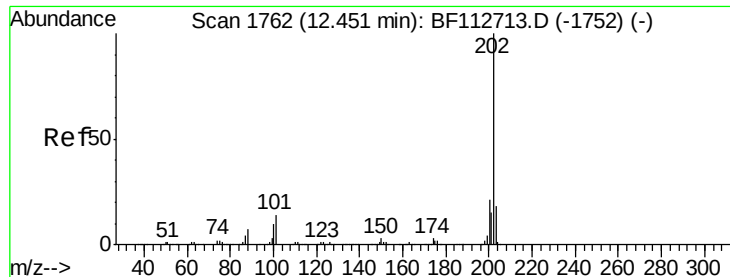
Tot Ion:188 Resp: 648260
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 9.7 9.2 13.8



#71
Phenanthrene
Concen: 2.459 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

Tgt Ion:178 Resp: 79299
Ion Ratio Lower Upper
178 100
176 18.4 16.3 24.5
179 14.6 12.7 19.1





#75

Fluoranthene

Concen: 2.726 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112991.D

Acq: 12 Mar 2019 8:29

Instrument :

BNA_F

ClientSampleId :

PST-027-SW069-030719

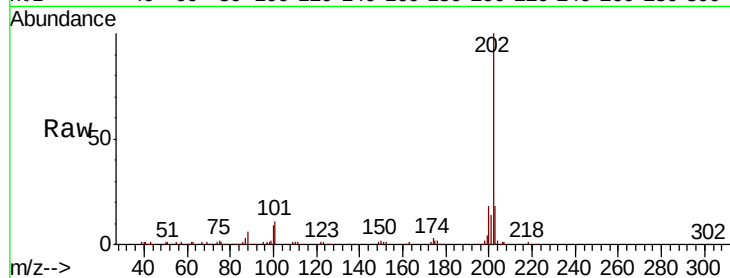
Tot Ion:202 Resp: 94194

Ion Ratio Lower Upper

202 100

101 11.5 0.0 33.8

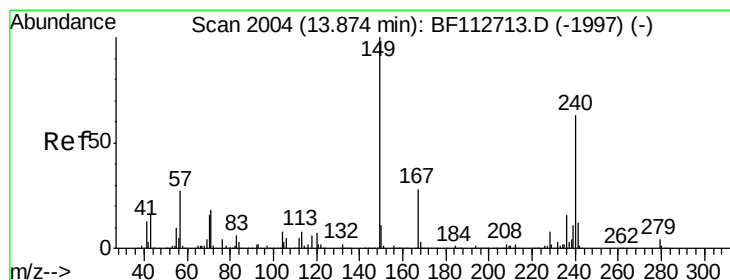
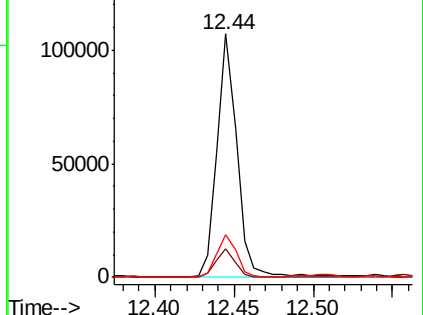
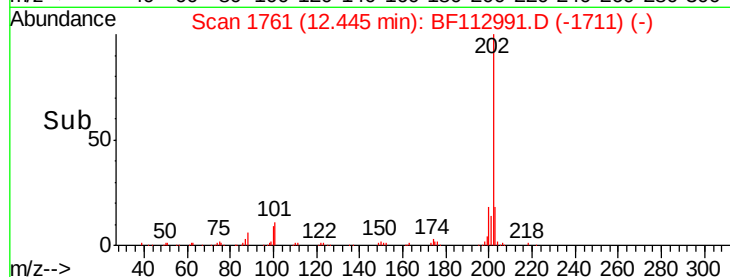
203 17.6 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112991.D

Acq: 12 Mar 2019 8:29

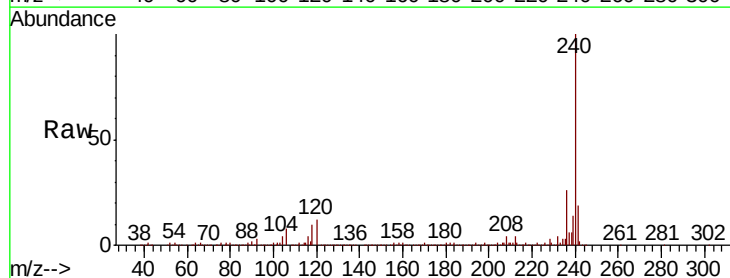
Tgt Ion:240 Resp: 538252

Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

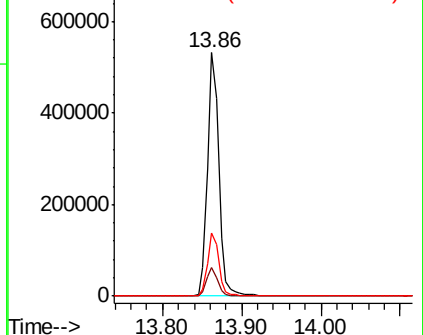
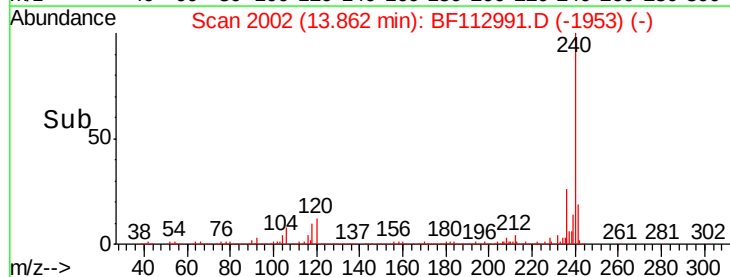
236 26.1 20.7 31.1

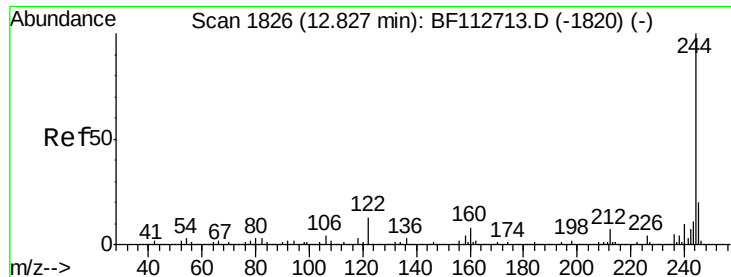


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



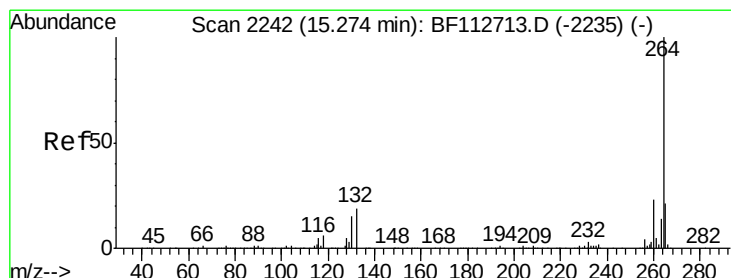
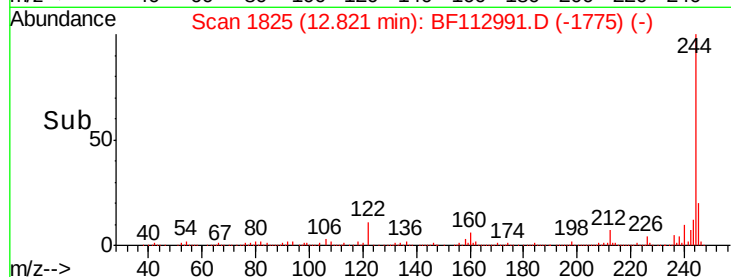
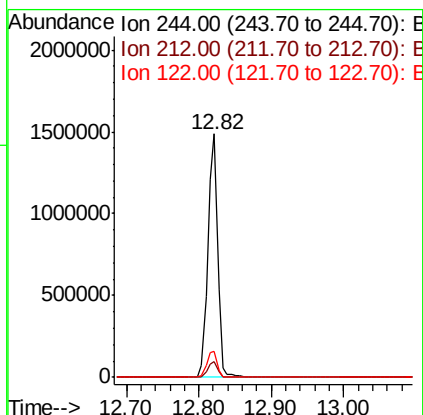
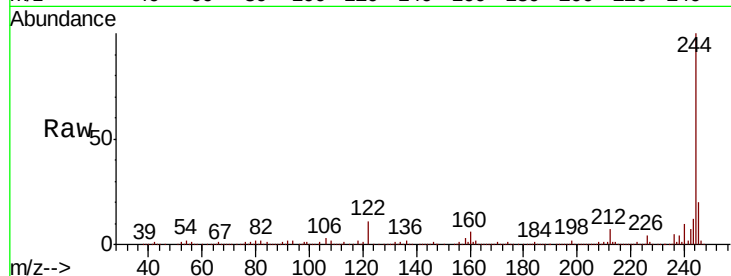


#79
 Terphenyl-d14
 Concen: 50.272 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112991.D
 Acq: 12 Mar 2019 8:29

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-SW069-030719

Tot Ion:244 Resp: 1395867

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	10.5	10.5	15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112991.D
 Acq: 12 Mar 2019 8:29

Tgt Ion:264 Resp: 413363

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.9	17.2	25.8

