

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 09:32:03 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

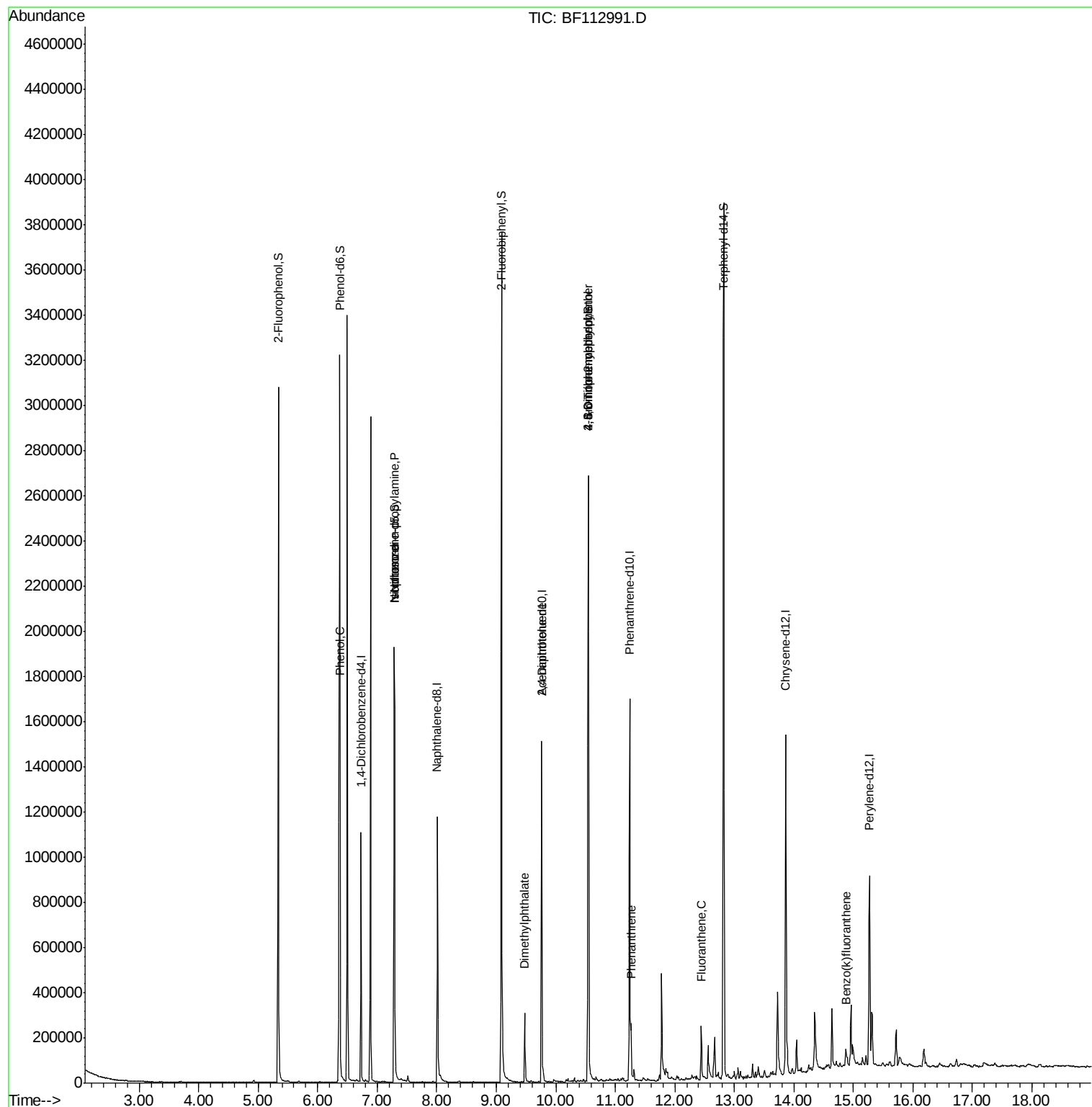
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.38	94	86316	5.729	ng	87
19) n-Nitroso-di-n-propylamine	7.29	70	87668	10.722	ng	# 76
25) Isophorone	7.29	82	673213	29.999	ng	# 66
50) Dimethylphthalate	9.48	163	139482	6.011	ng	98
57) 2,4-Dinitrotoluene	9.76	165	38760	6.453	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	634	4.828	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	21437	3.140	ng	# 1
71) Phenanthrene	11.26	178	79299	2.459	ng	96
75) Fluoranthene	12.44	202	94194	2.726	ng	96
89) Benzo(k)fluoranthene	14.87	252	51862	2.141	ng	96

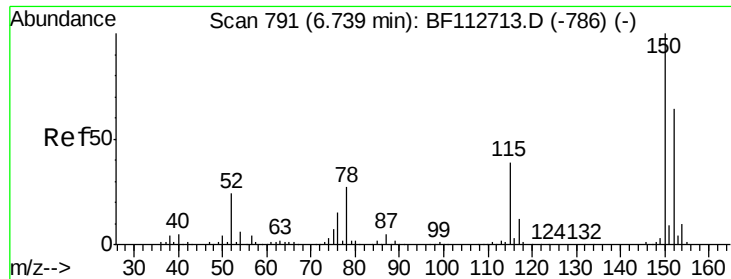
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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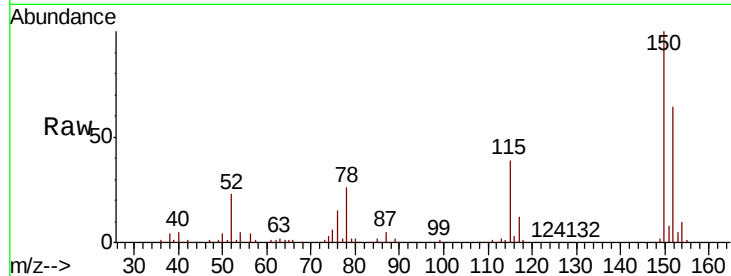


#1

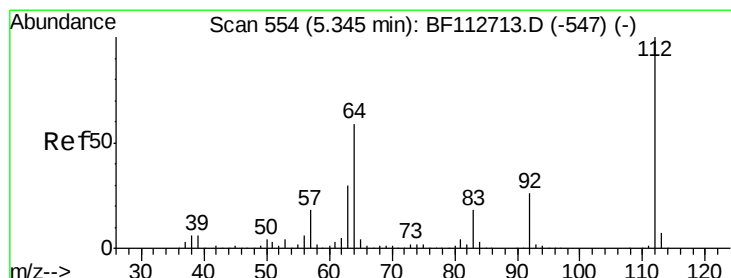
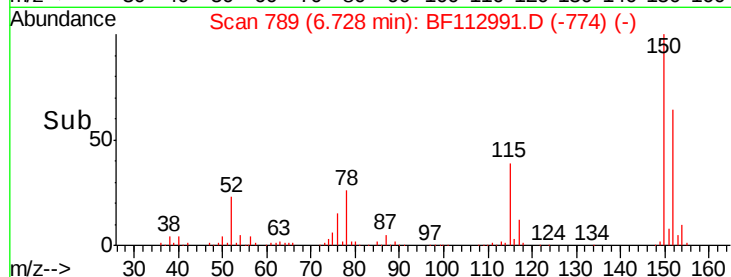
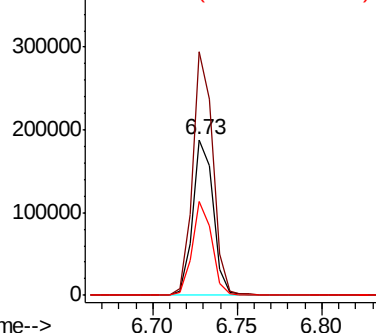
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

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

Tot Ion:152 Resp: 159874
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.2
115 60.4 48.2 72.4



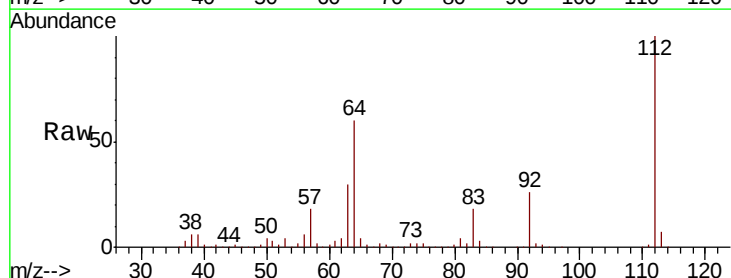
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



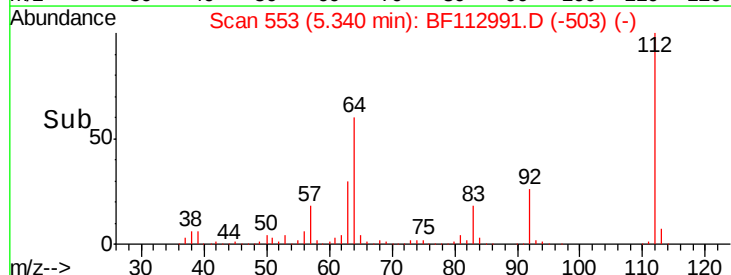
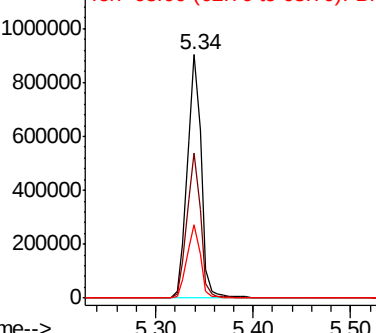
#5

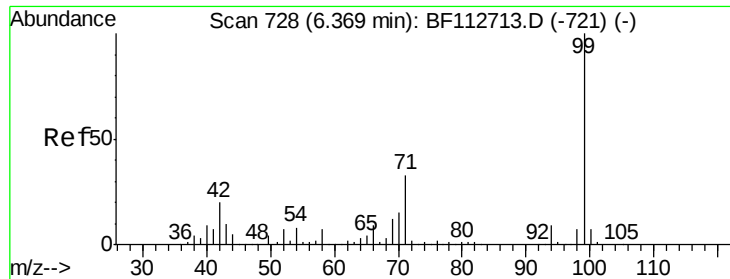
2-Fluorophenol
Concen: 87.368 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

Tgt Ion:112 Resp: 897946
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

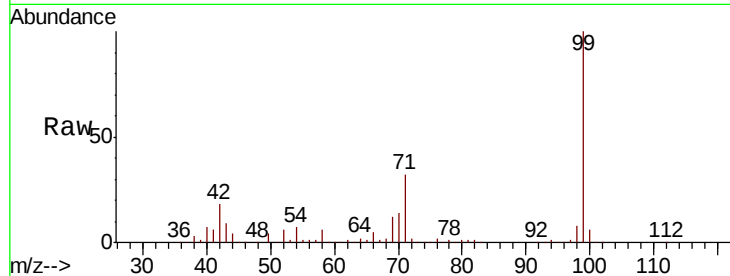
Tot Ion: 99 Resp: 1139017

Ion Ratio Lower Upper

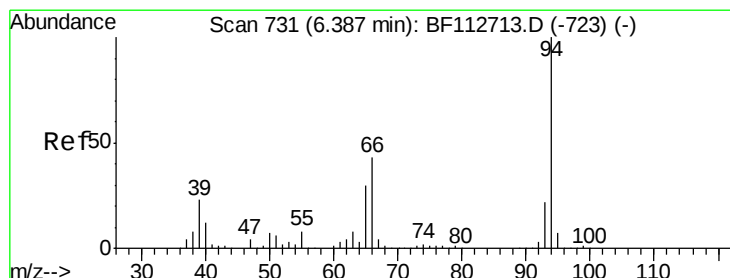
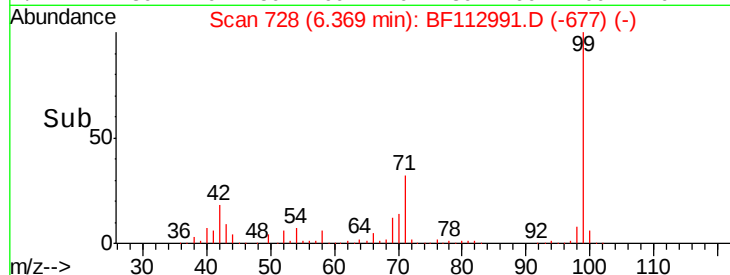
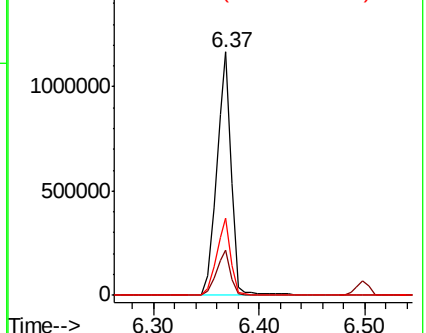
99 100

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

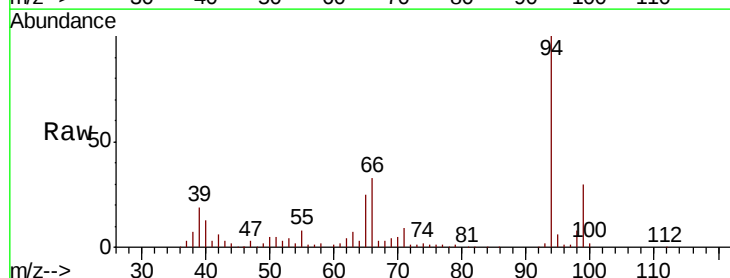
Tgt Ion: 94 Resp: 86316

Ion Ratio Lower Upper

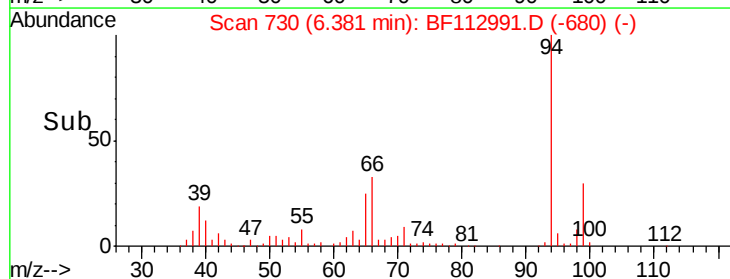
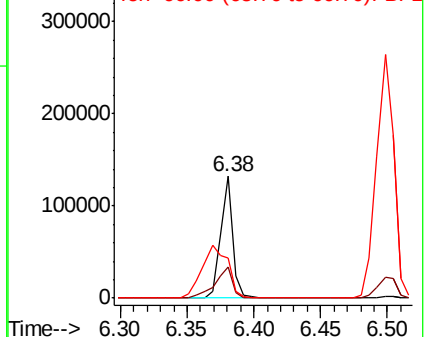
94 100

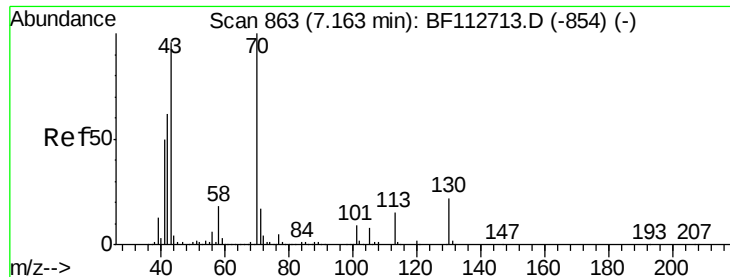
65 25.2 10.5 50.5

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

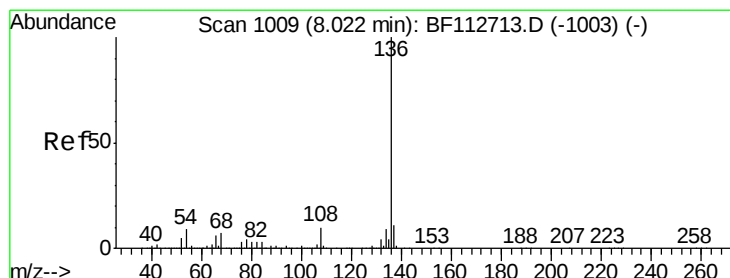
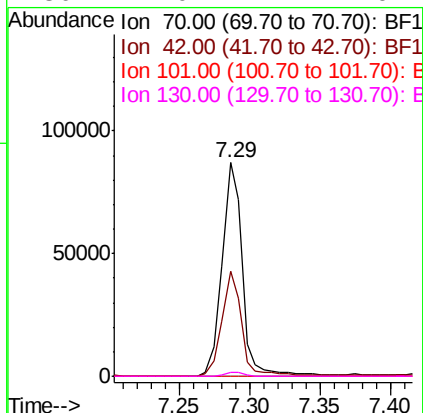
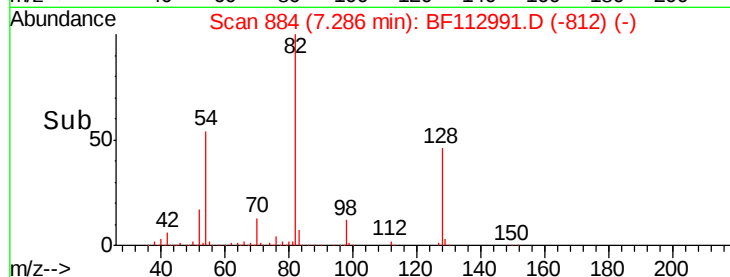
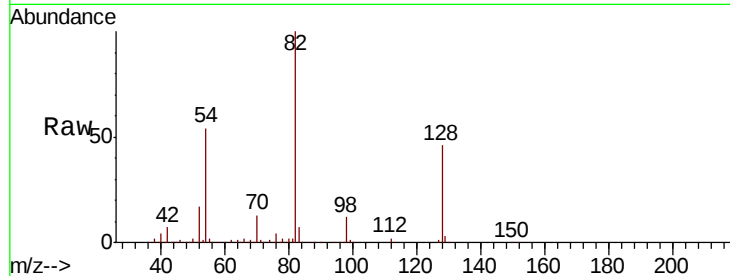




#19
n-Nitroso-di-n-propylamine
Concen: 10.722 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

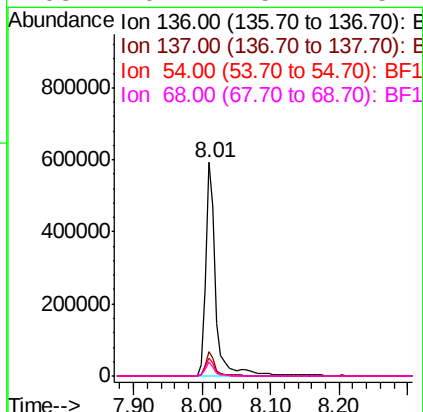
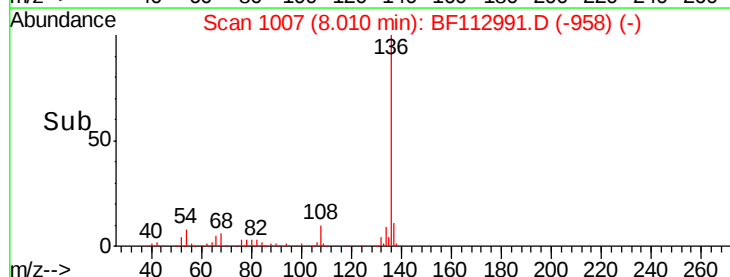
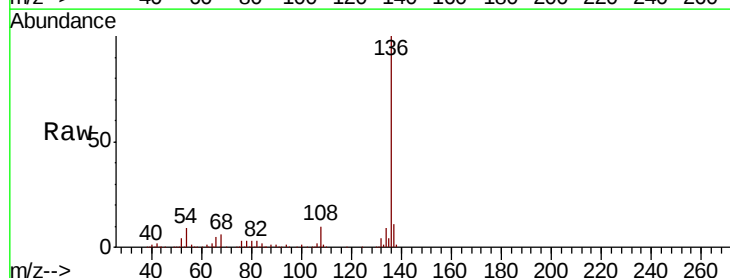
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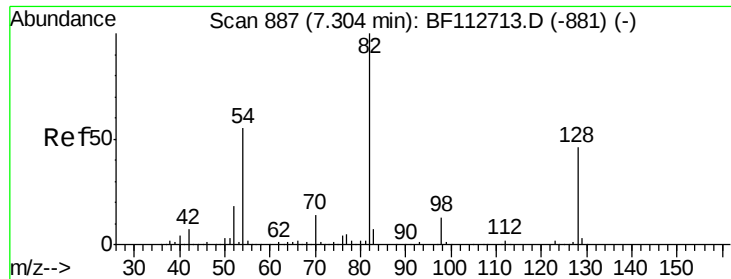
Tot Ion: 70 Resp: 87668
Ion Ratio Lower Upper
70 100
42 49.1 49.9 74.9#
101 0.0 7.4 11.2#
130 2.0 17.4 26.2#



#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

Tgt 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

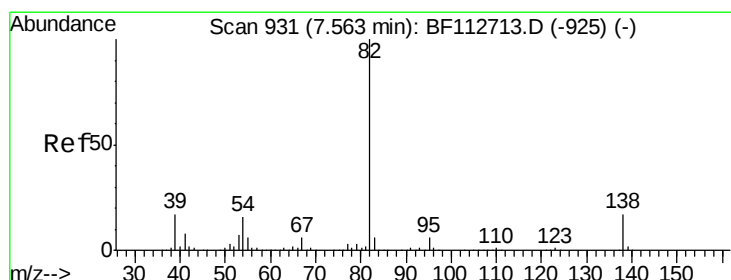
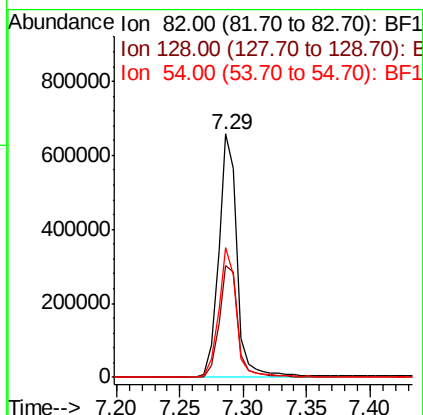
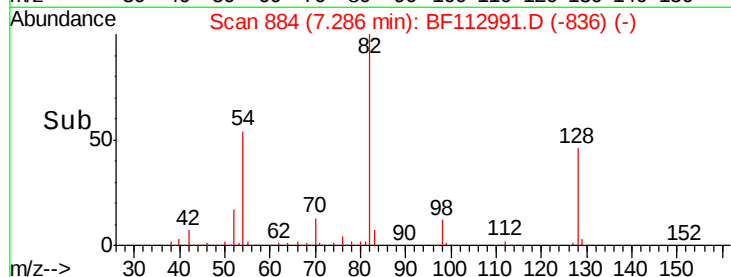
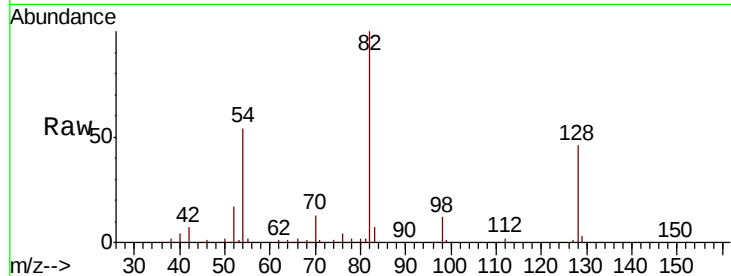




#23
Nitrobenzene-d5
Concen: 64.630 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

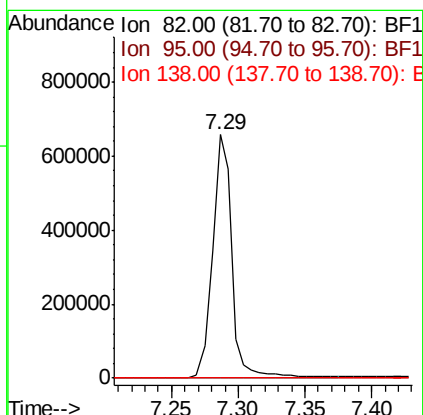
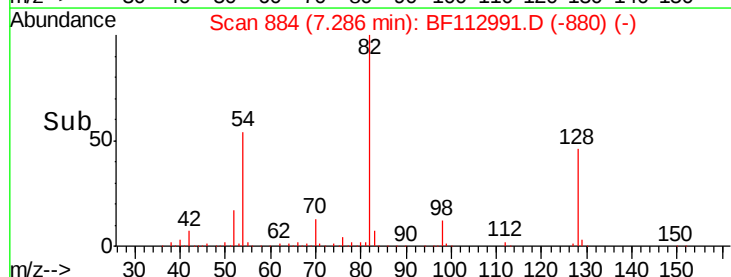
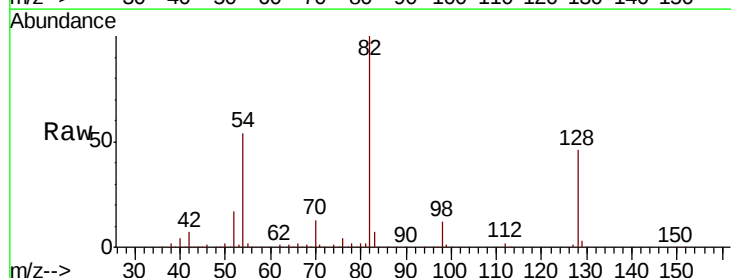
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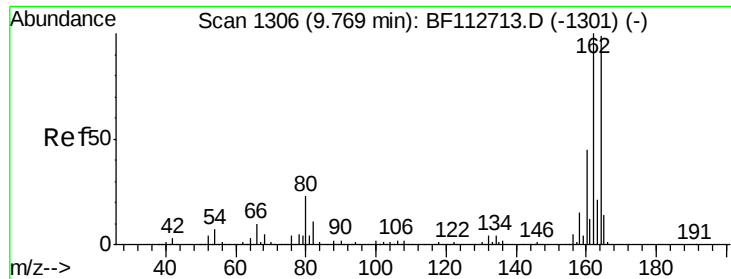
Tot Ion: 82 Resp: 673223
Ion Ratio Lower Upper
82 100
128 45.9 36.3 54.5
54 53.5 43.7 65.5



#25
Isophorone
Concen: 29.999 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

Tgt Ion: 82 Resp: 673213
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#

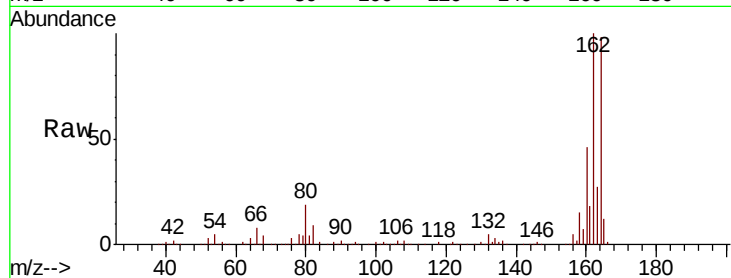




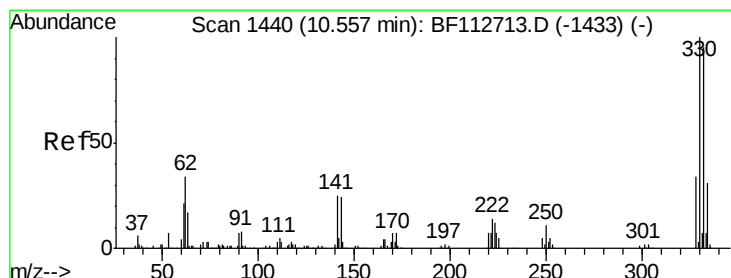
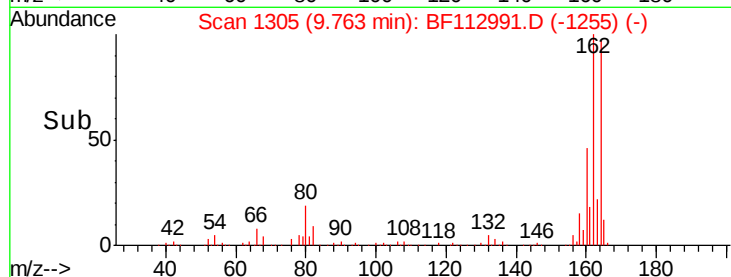
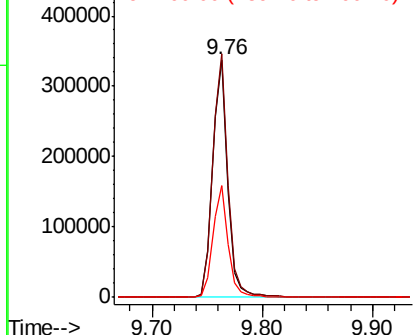
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

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

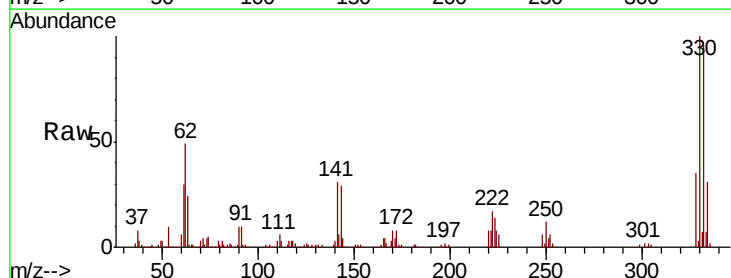


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

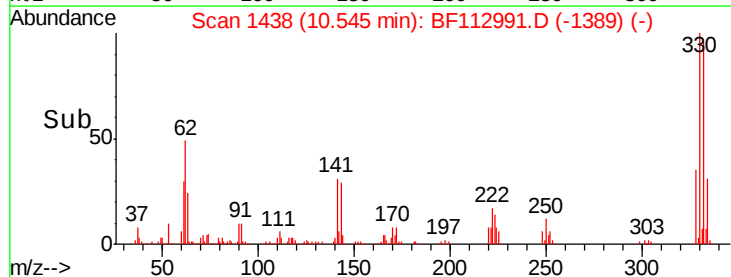
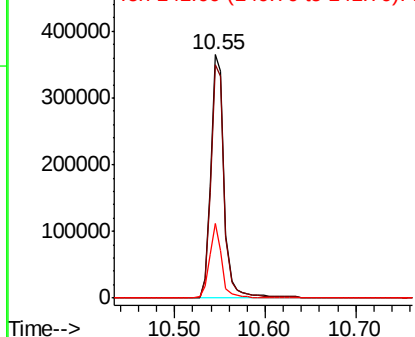


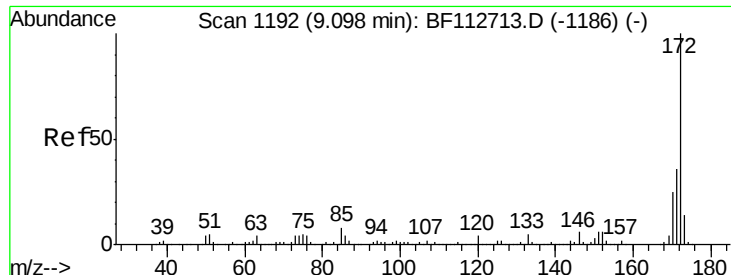
#42
2,4,6-Tribromophenol
Concen: 114.602 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

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

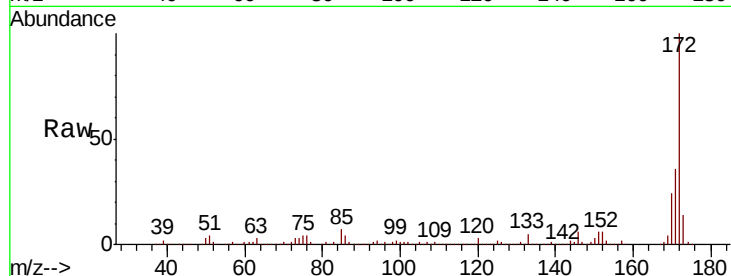




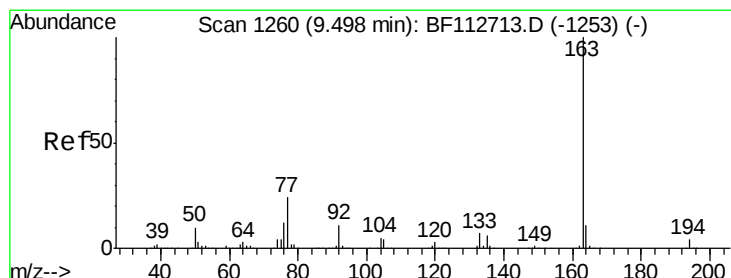
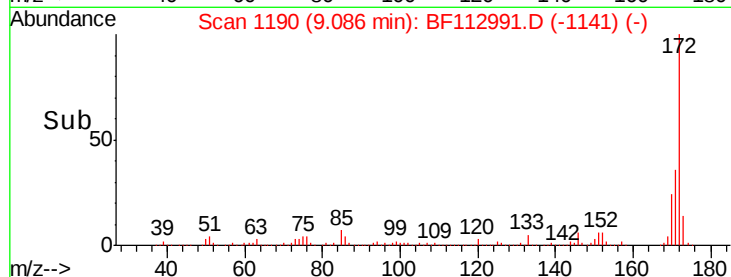
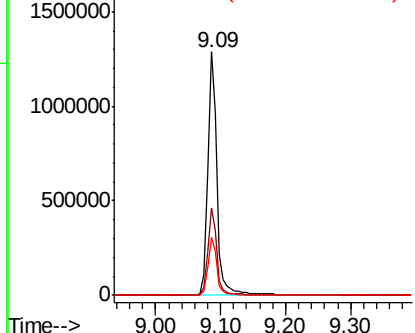
#45
2-Fluorobiphenyl
Concen: 62.272 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

Instrument :
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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

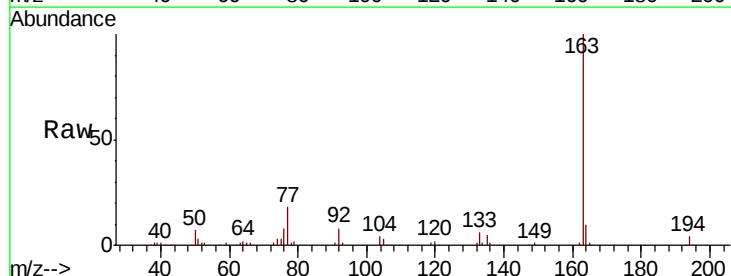


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

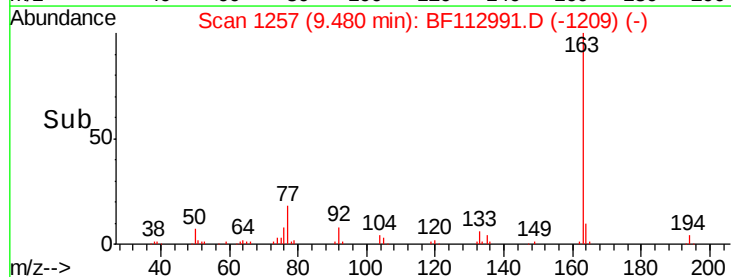
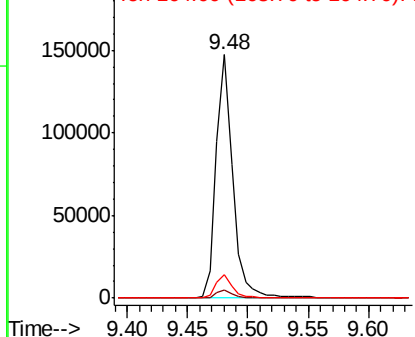


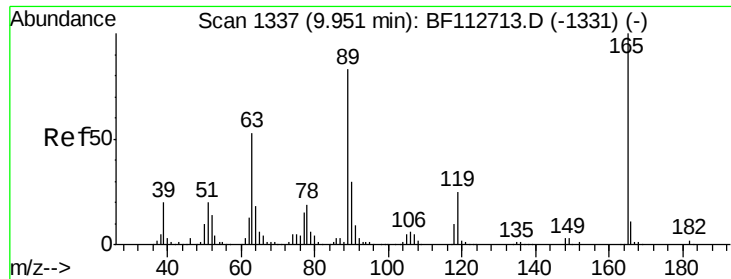
#50
Dimethylphthalate
Concen: 6.011 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

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

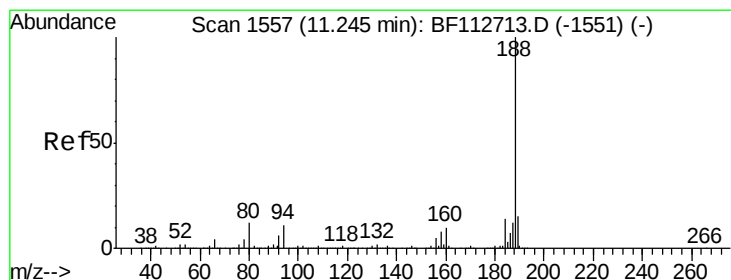
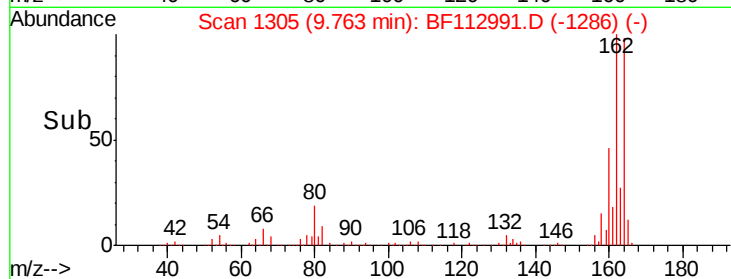
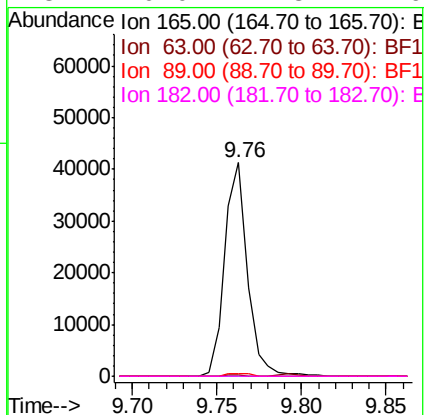
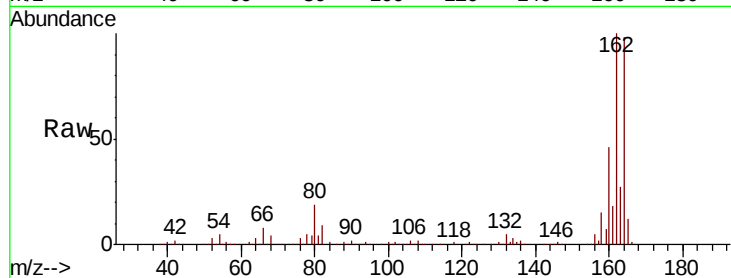




#57
 2,4-Dinitrotoluene
 Concen: 6.453 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF112991.D
 Acq: 12 Mar 2019 8:29

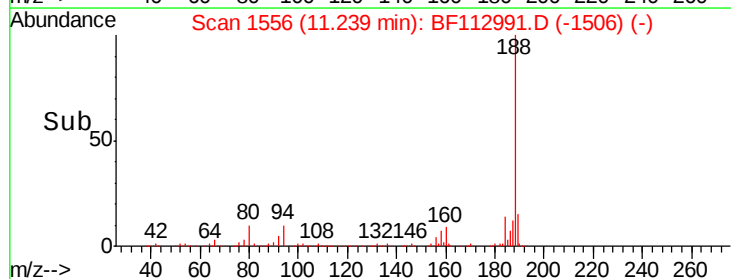
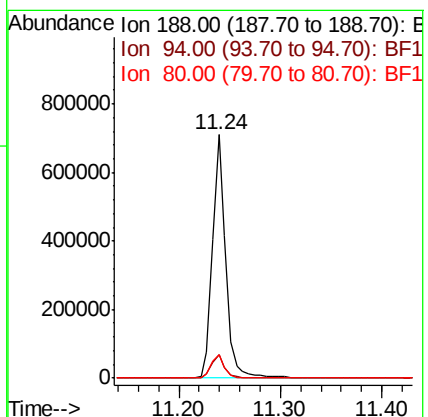
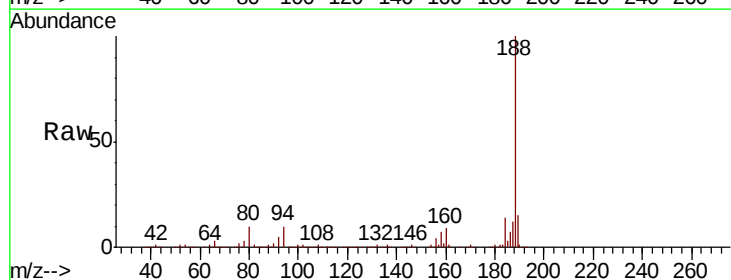
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 ClientSampleId :
 PST-027-SW069-030719

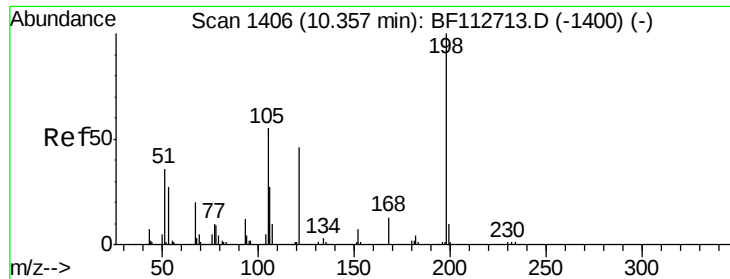
Tot Ion:165	Resp:	38760
Ion Ratio	Lower	Upper
165	100	
63	0.9	42.2 63.2#
89	1.3	66.2 99.4#
182	0.0	1.8 2.6#



#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

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

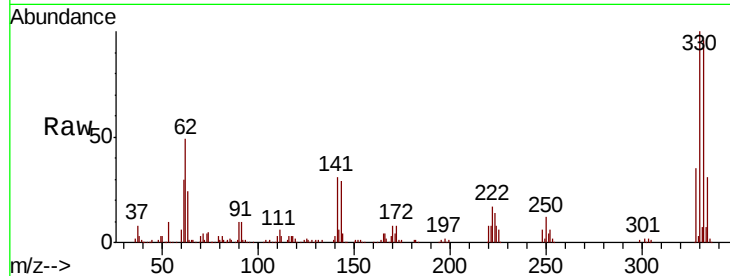




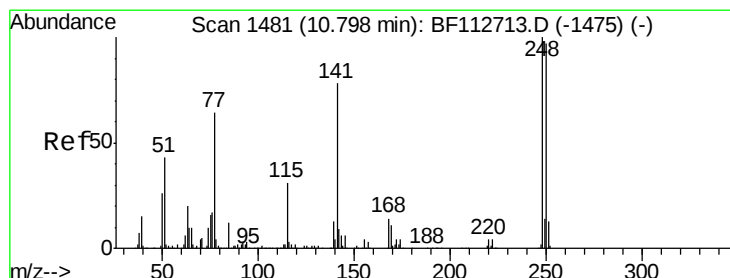
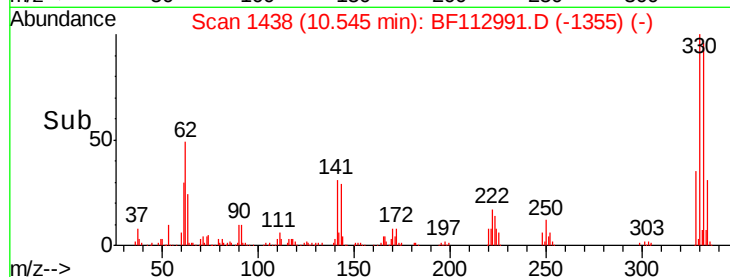
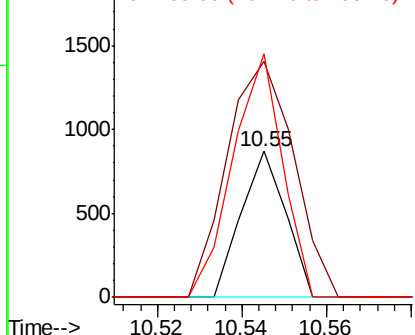
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.828 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112991.D
 Acq: 12 Mar 2019 8:29

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

Tot Ion:198 Resp: 634
 Ion Ratio Lower Upper
 198 100
 51 161.5 43.8 83.8#
 105 166.8 36.5 76.5#

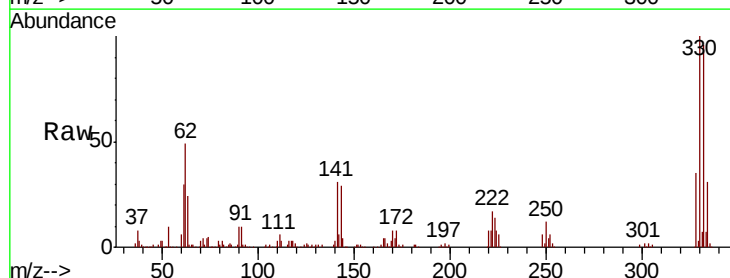


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

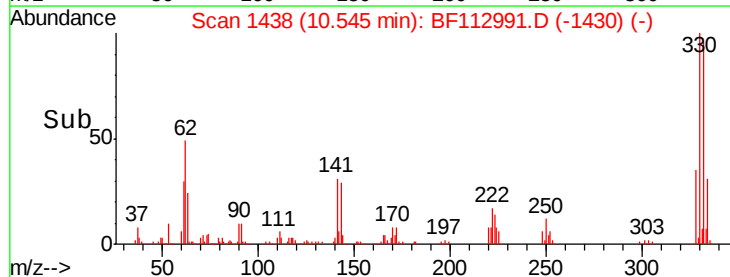
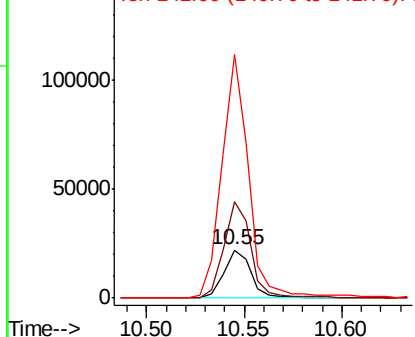


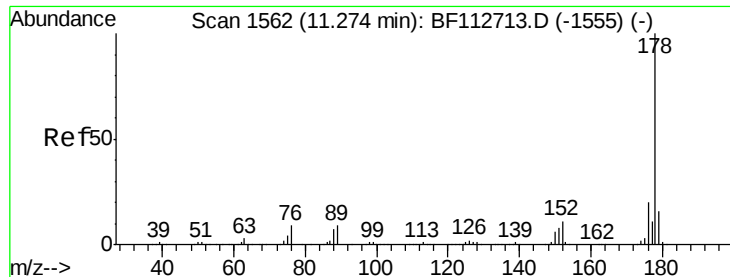
#67
 4-Bromophenyl-phenylether
 Concen: 3.140 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112991.D
 Acq: 12 Mar 2019 8:29

Tgt Ion:248 Resp: 21437
 Ion Ratio Lower Upper
 248 100
 250 201.2 77.5 116.3#
 141 506.2 62.4 93.6#



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

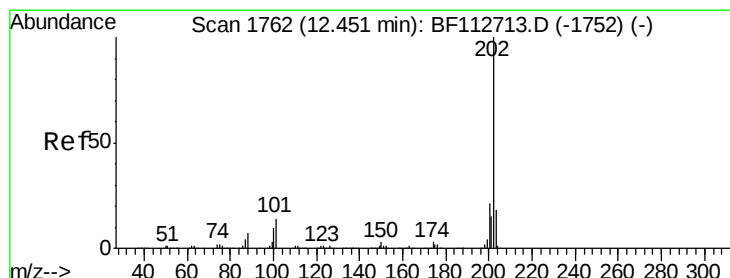
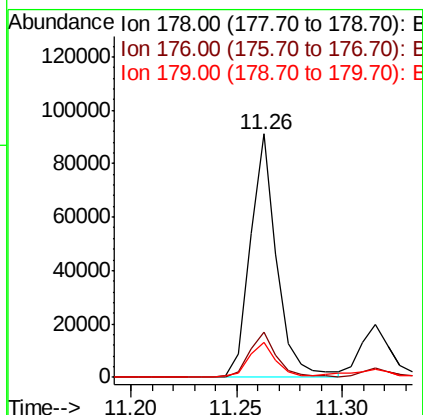
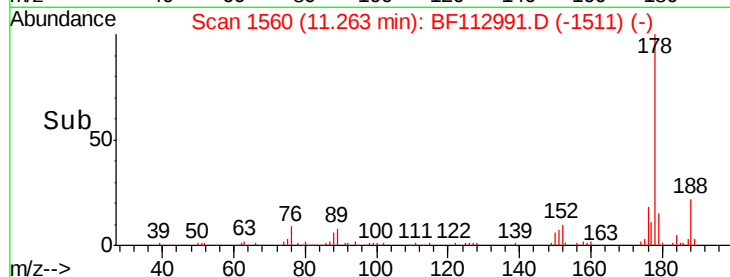
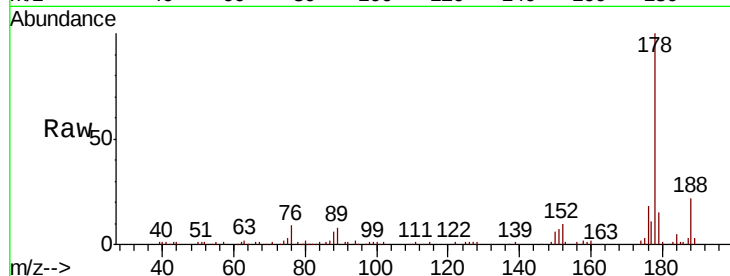




#71
Phenanthrene
Concen: 2.459 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

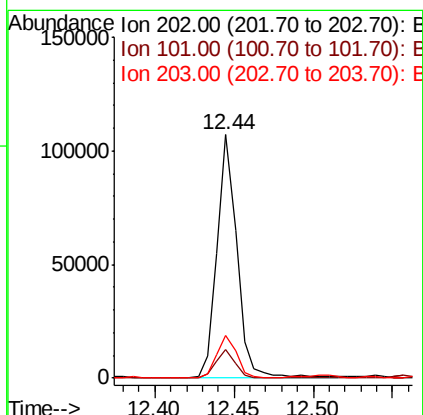
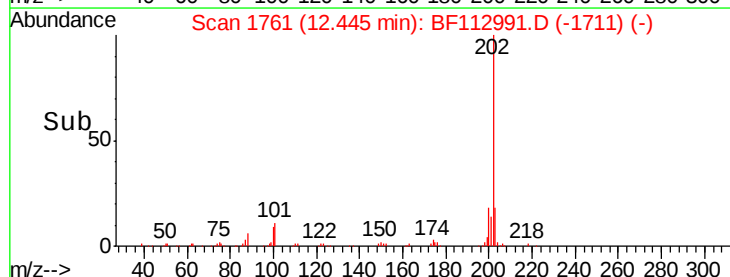
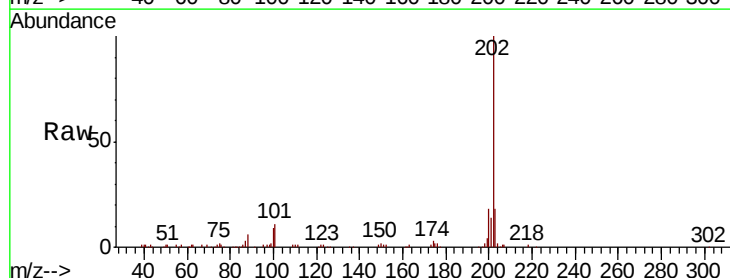
Instrument :
BNA_F
ClientSampleId :
PST-027-SW069-030719

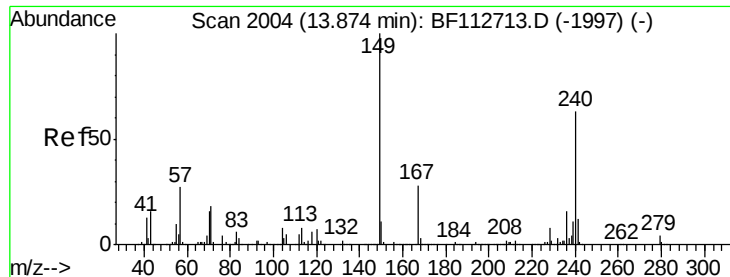
Tot Ion:178 Resp: 79299
Ion Ratio Lower Upper
178 100
176 18.4 16.3 24.5
179 14.6 12.7 19.1



#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

Tgt Ion:202 Resp: 94194
Ion Ratio Lower Upper
202 100
101 11.5 0.0 33.8
203 17.6 0.0 38.4

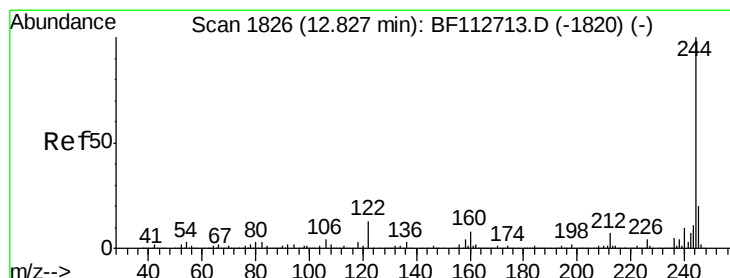
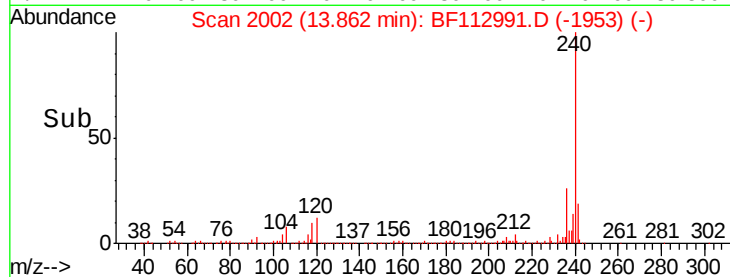
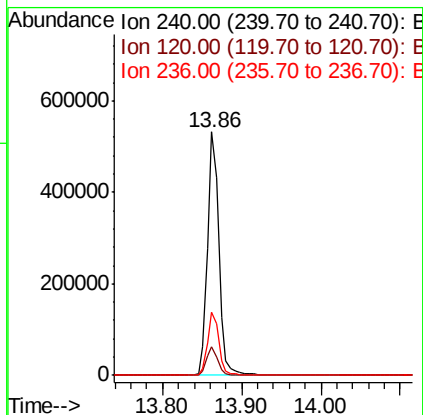
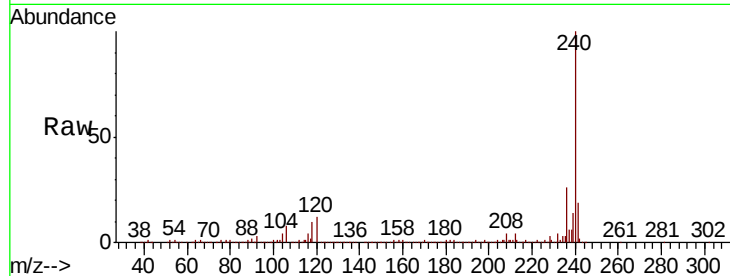




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF112991.D
 Acq: 12 Mar 2019 8:29

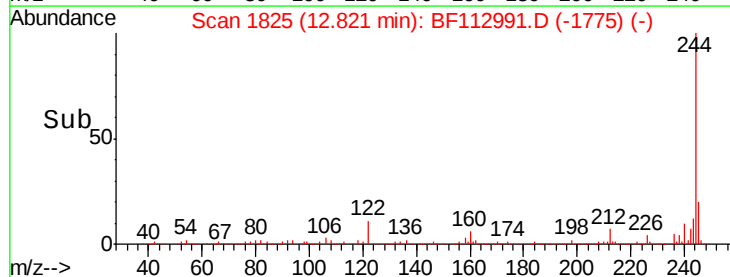
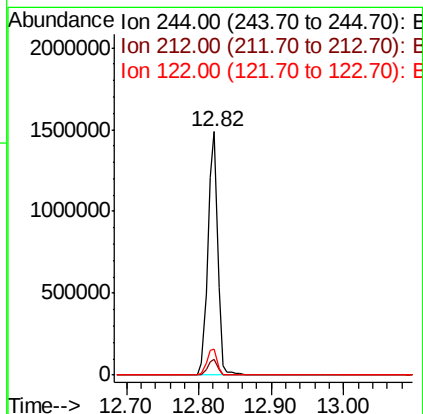
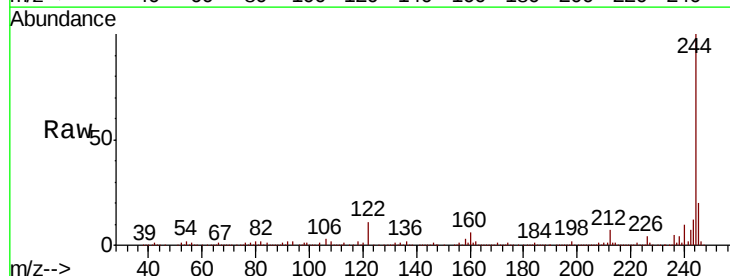
Instrument :
 BNA_F
 ClientSampleId :
 PST-027-SW069-030719

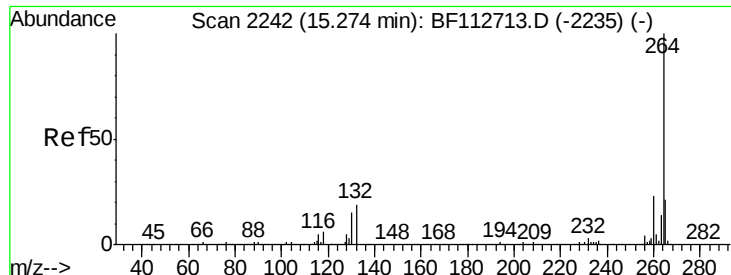
Tot Ion:240 Resp: 538252
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.9 13.3
 236 26.1 20.7 31.1



#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

Tgt Ion:244 Resp: 1395867
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.5 10.5 15.7

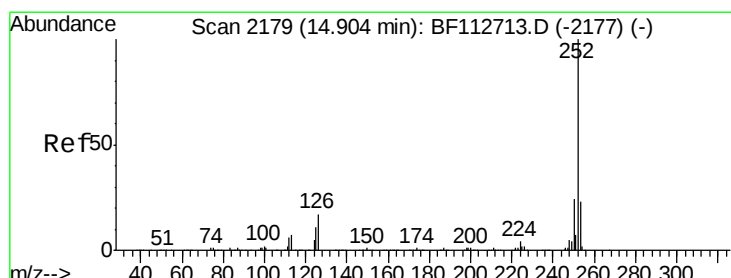
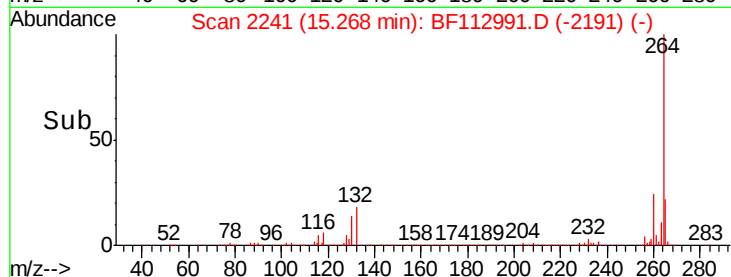
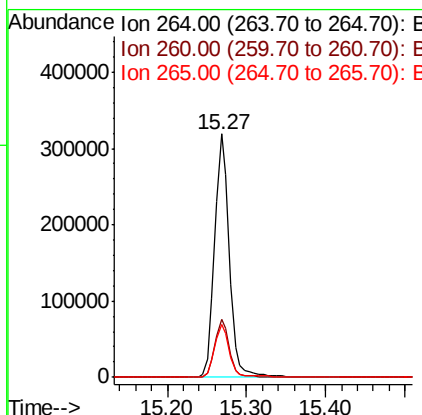
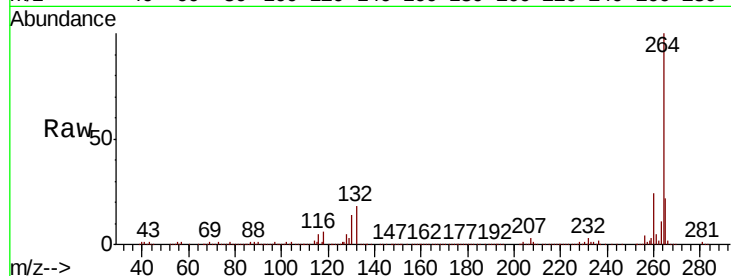




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

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

Tot Ion:264 Resp: 413363
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.9 17.2 25.8



#89
Benzo(k)fluoranthene
Concen: 2.141 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF112991.D
Acq: 12 Mar 2019 8:29

Tgt Ion:252 Resp: 51862
Ion Ratio Lower Upper
252 100
253 24.4 18.2 27.2
125 13.7 9.8 14.6

