

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112980.D
 Acq On : 12 Mar 2019 3:27
 Operator : JU/SJ
 Sample : K1817-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B011-030619

Quant Time: Mar 12 07:22:49 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

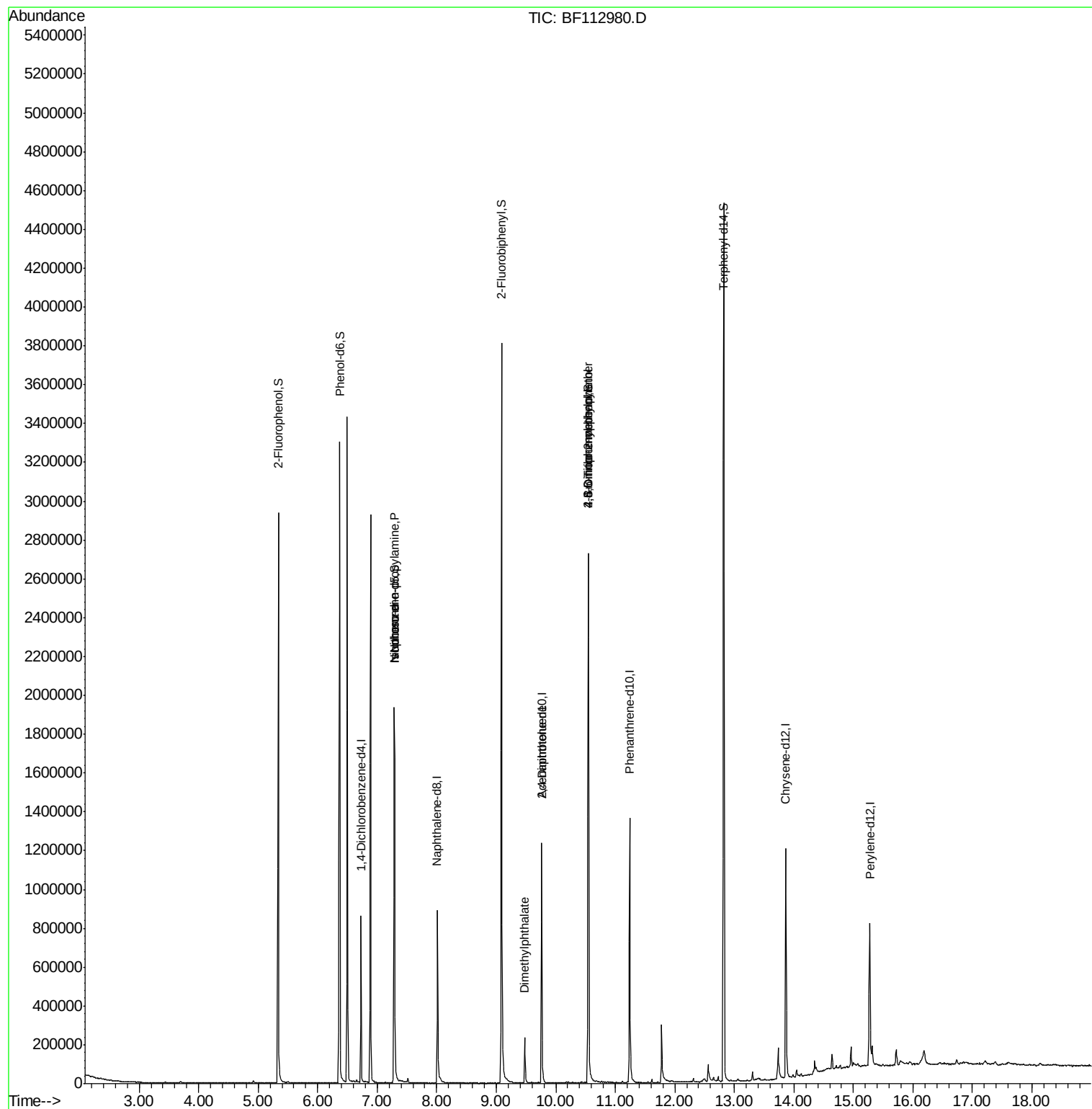
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128399	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	497647	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	262953	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	577448	20.00	ng	0.00
76) Chrysene-d12	13.86	240	462799	20.00	ng	-0.01
87) Perylene-d12	15.27	264	380011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	863521	104.61	ng	0.00
7) Phenol-d6	6.37	99	1124893	108.49	ng	0.00
23) Nitrobenzene-d5	7.29	82	676708	81.37	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	405236	145.16	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1389899	88.56	ng	-0.01
79) Terphenyl-d14	12.82	244	1636059	68.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	86734	13.208	ng	# 77
25) Isophorone	7.29	82	676702	37.769	ng	# 66
50) Dimethylphthalate	9.48	163	106529	5.494	ng	99
57) 2,4-Dinitrotoluene	9.76	165	33140	6.603	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	612	4.846	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	23085	3.795	ng	# 1

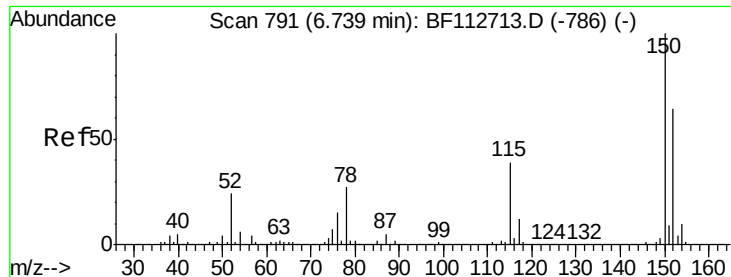
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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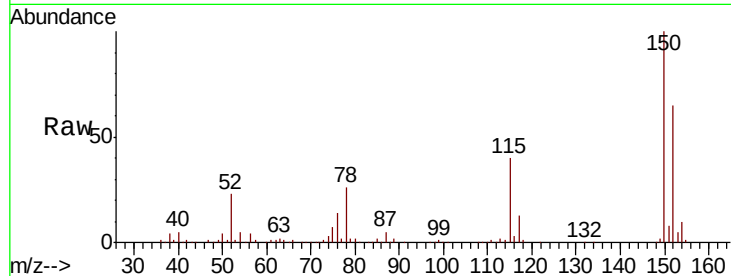




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112980.D
 Acq: 12 Mar 2019 3:27

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B011-030619

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.2	186.2
115	61.1	48.2	72.4

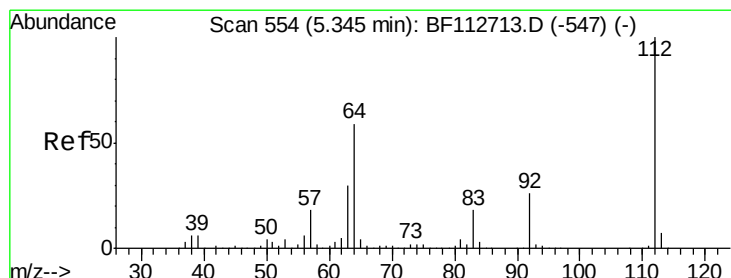
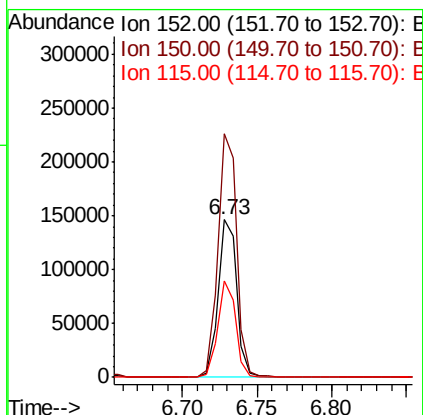
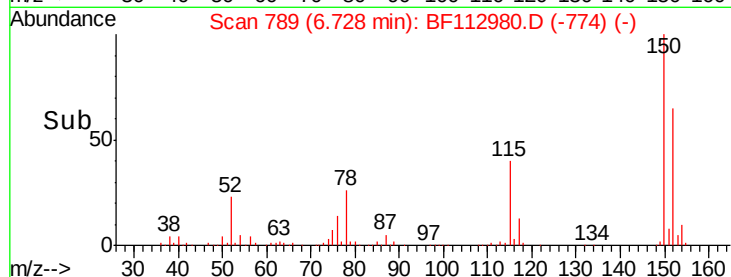


Abundance

Ion 152.00 (151.70 to 152.70): E

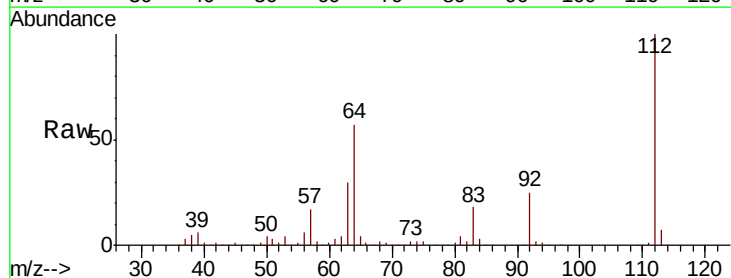
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 104.615 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF112980.D
 Acq: 12 Mar 2019 3:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.6	71.4
63	29.6	24.4	36.6

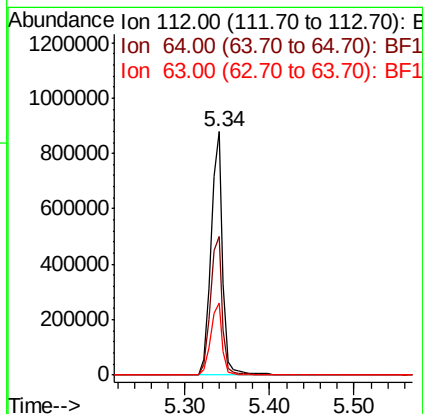
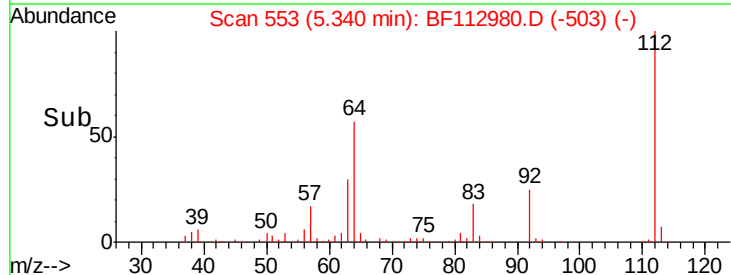


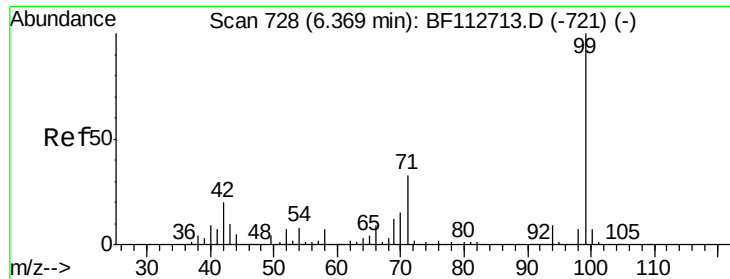
Abundance

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: 108.489 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112980.D

Acq: 12 Mar 2019 3:27

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619

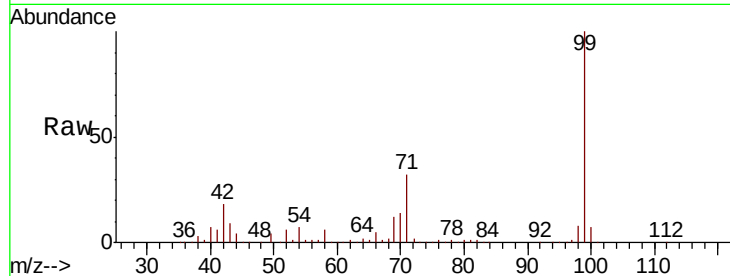
Tgt Ion: 99 Resp: 1124893

Ion Ratio Lower Upper

99 100

42 18.2 16.3 24.5

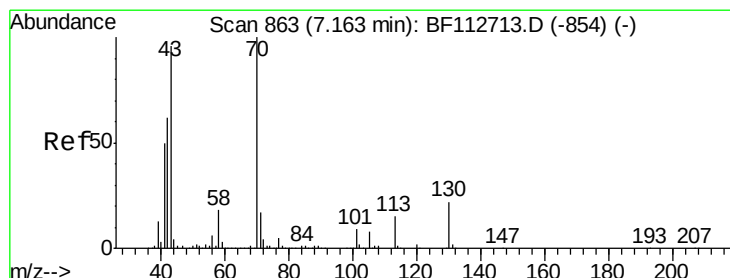
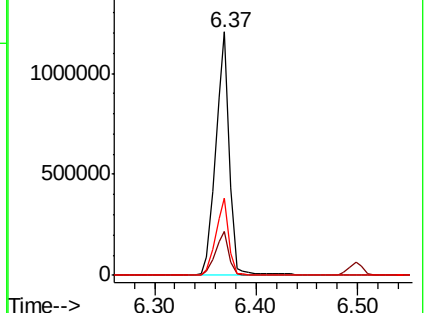
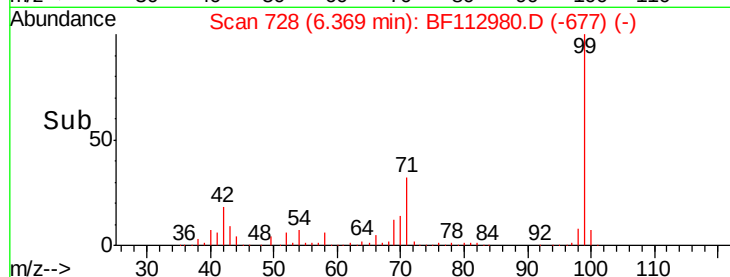
71 31.5 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.208 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112980.D

Acq: 12 Mar 2019 3:27

Tgt Ion: 70 Resp: 86734

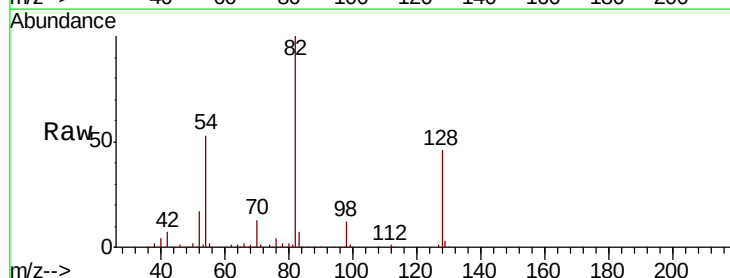
Ion Ratio Lower Upper

70 100

42 49.8 49.9 74.9#

101 0.0 7.4 11.2#

130 2.2 17.4 26.2#

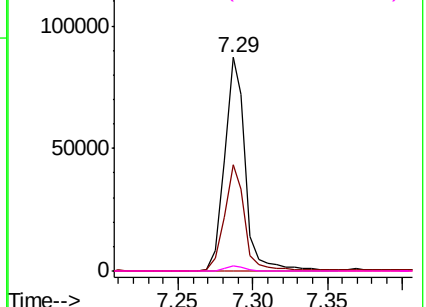
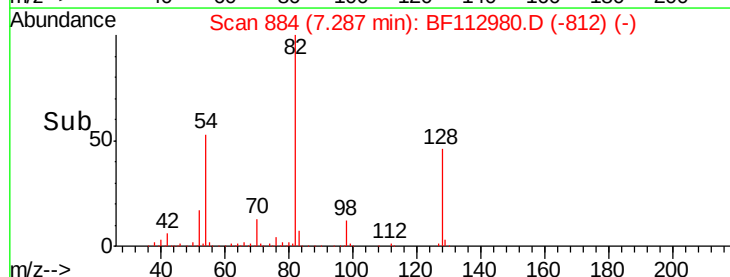


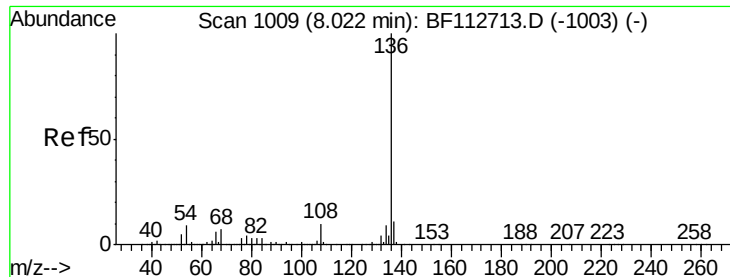
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

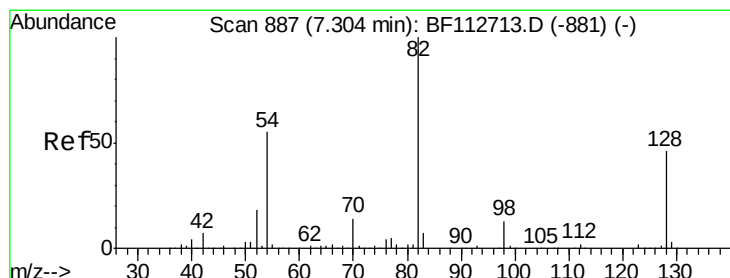
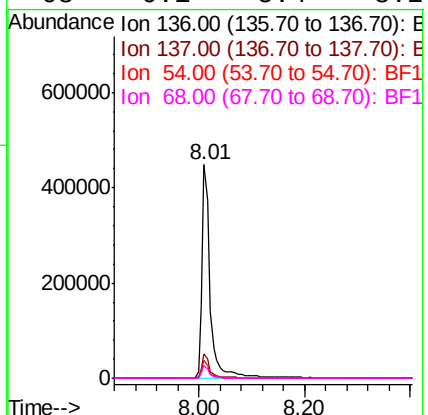
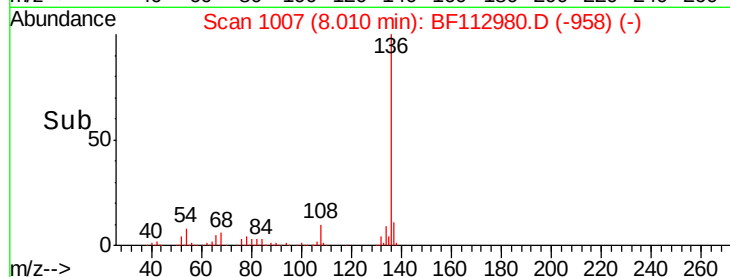
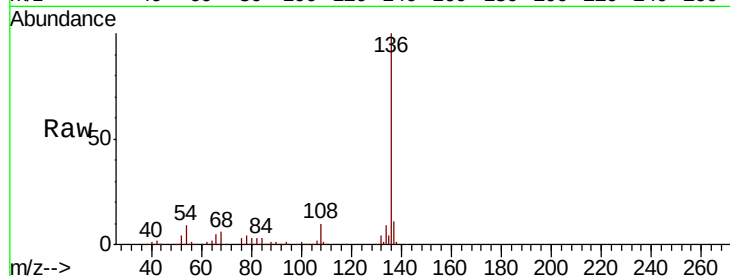




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112980.D
Acq: 12 Mar 2019 3:27

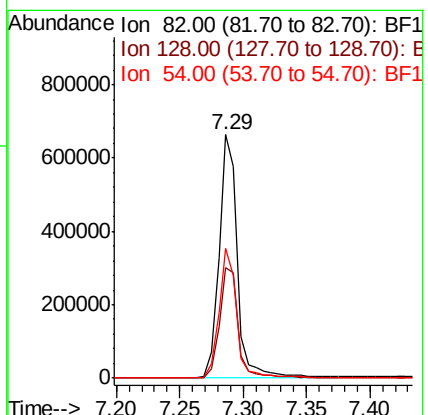
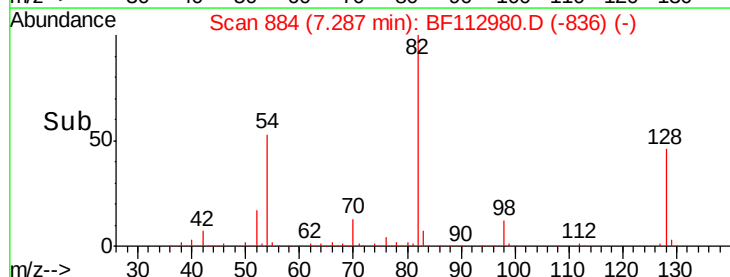
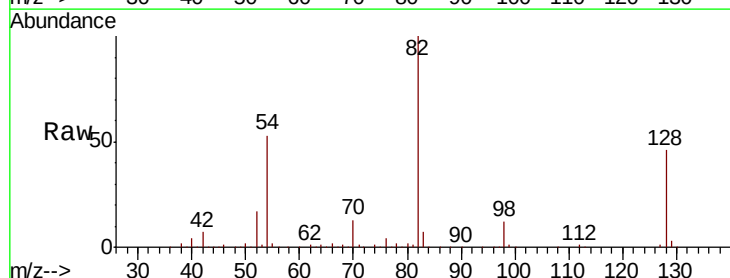
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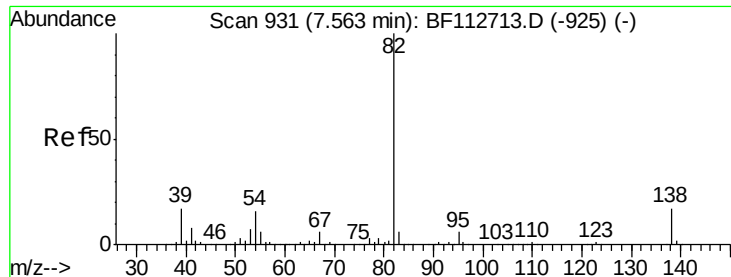
Tgt Ion:	136	Resp:	497647
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.5	7.3	10.9
68	6.1	5.4	8.2



#23
Nitrobenzene-d5
Concen: 81.369 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112980.D
Acq: 12 Mar 2019 3:27

Tgt Ion:	82	Resp:	676708
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	53.1	43.7	65.5

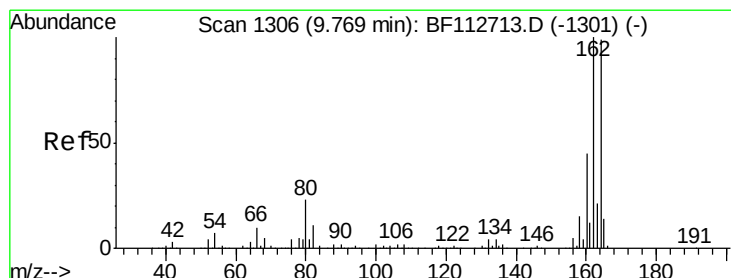
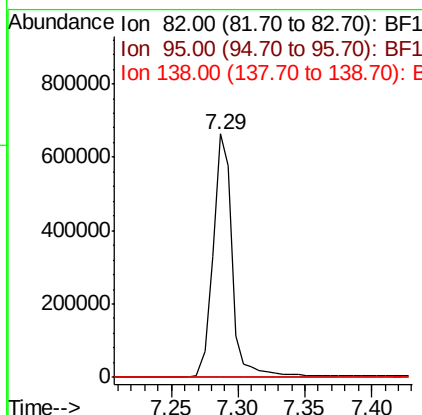
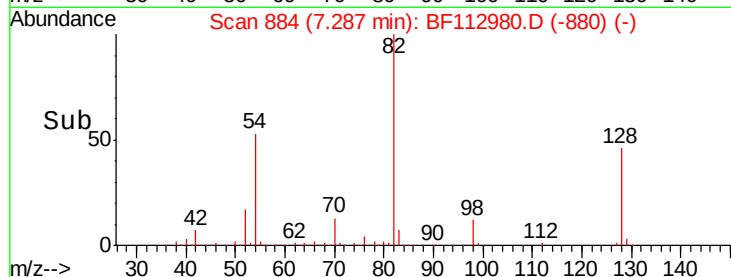
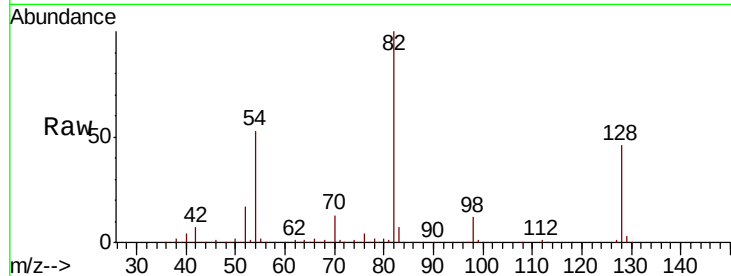




#25
Isophorone
Concen: 37.769 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112980.D
Acq: 12 Mar 2019 3:27

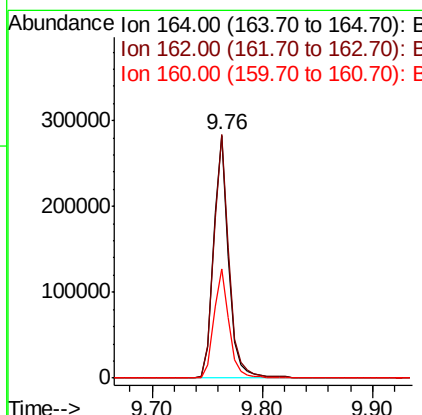
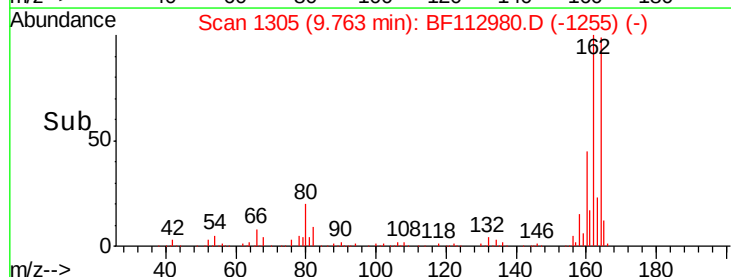
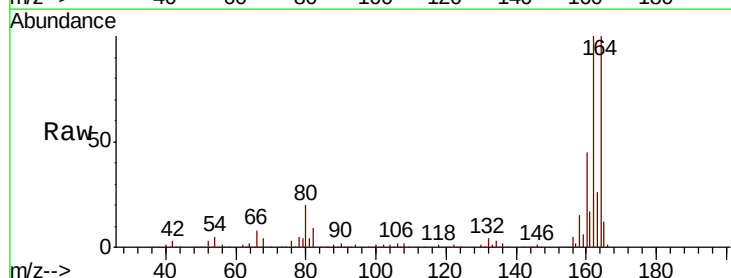
Instrument :
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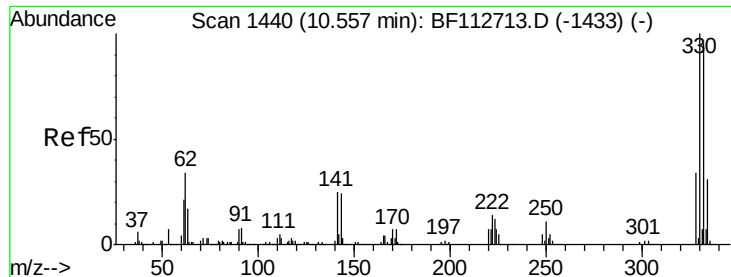
Tgt Ion: 82 Resp: 676702
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112980.D
Acq: 12 Mar 2019 3:27

Tgt Ion: 164 Resp: 262953
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 45.1 36.0 54.0

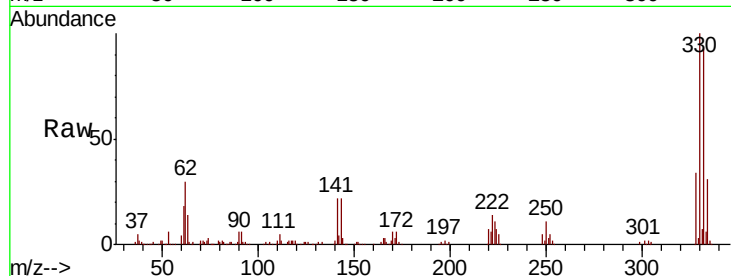




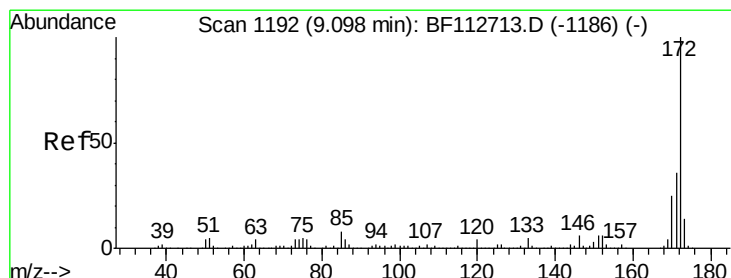
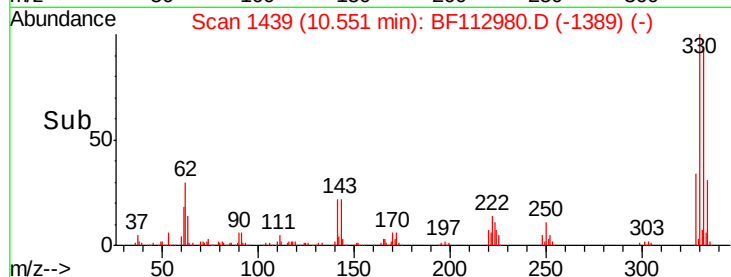
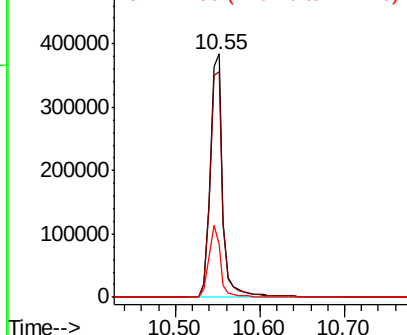
#42
 2,4,6-Tribromophenol
 Concen: 145.164 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112980.D
 Acq: 12 Mar 2019 3:27

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B011-030619

Tgt Ion:330 Resp: 405236
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.4
 141 28.2 27.0 40.6

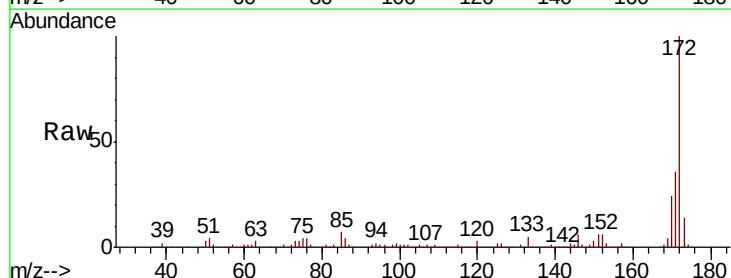


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

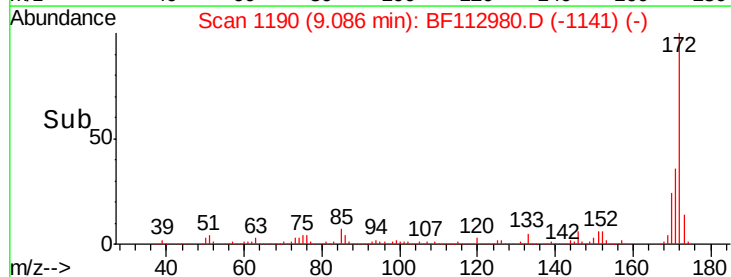
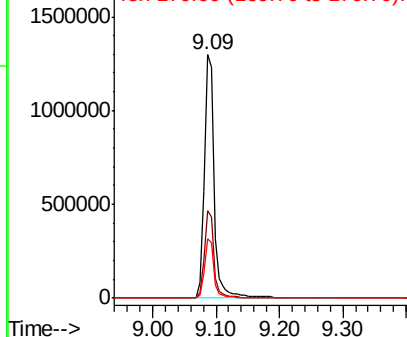


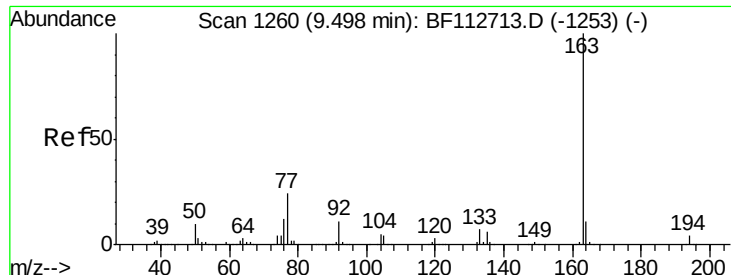
#45
 2-Fluorobiphenyl
 Concen: 88.556 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112980.D
 Acq: 12 Mar 2019 3:27

Tgt Ion:172 Resp: 1389899
 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

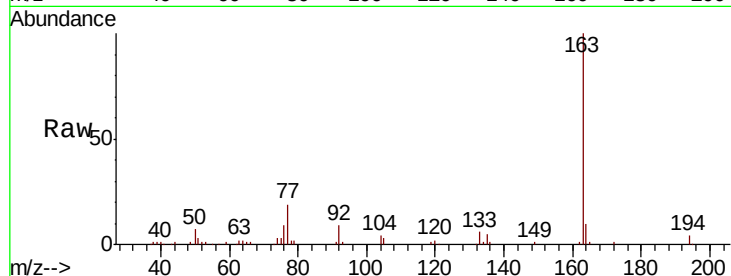




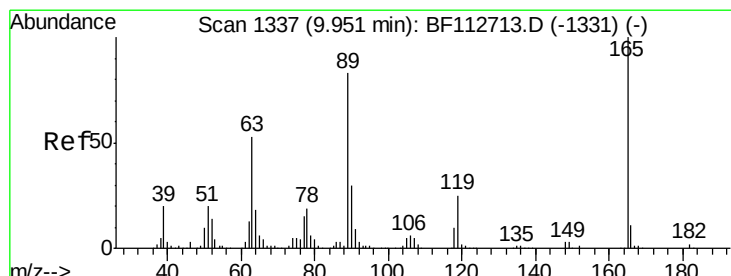
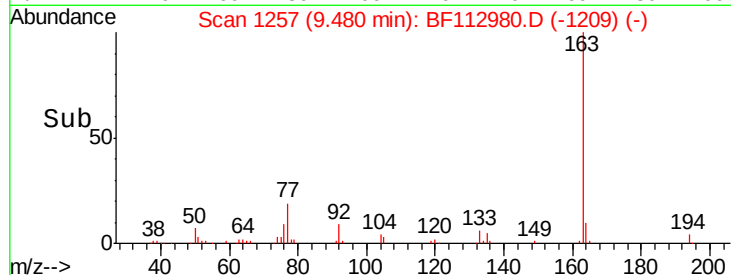
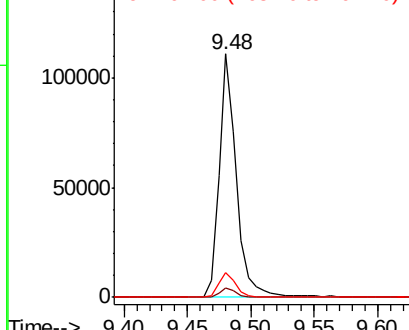
#50
Dimethylphthalate
Concen: 5.494 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112980.D
Acq: 12 Mar 2019 3:27

Instrument :
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PST-028-B011-030619

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.1	8.4	12.6



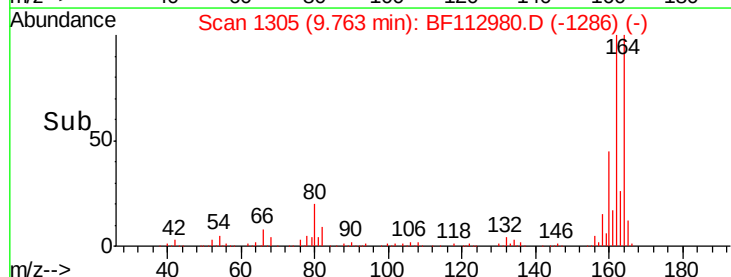
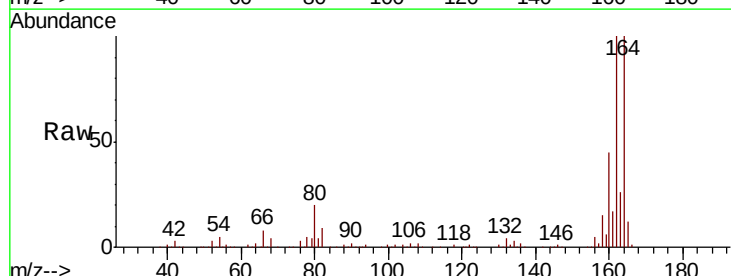
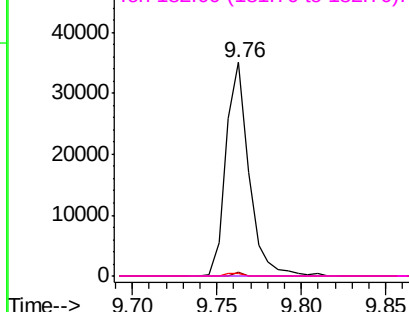
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

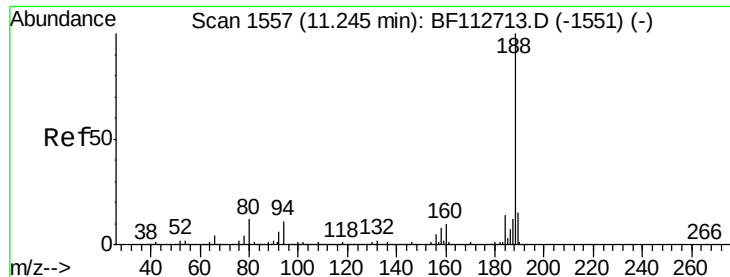


#57
2,4-Dinitrotoluene
Concen: 6.603 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112980.D
Acq: 12 Mar 2019 3:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

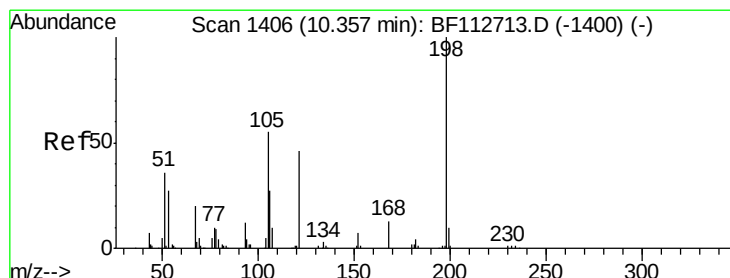
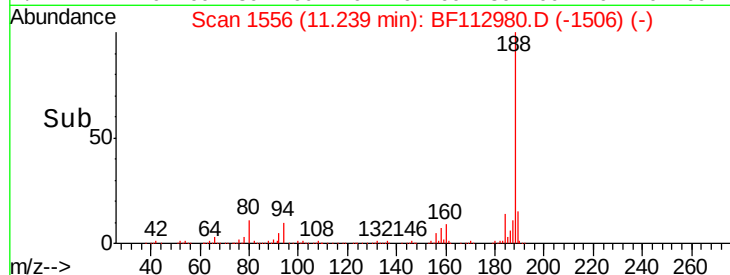
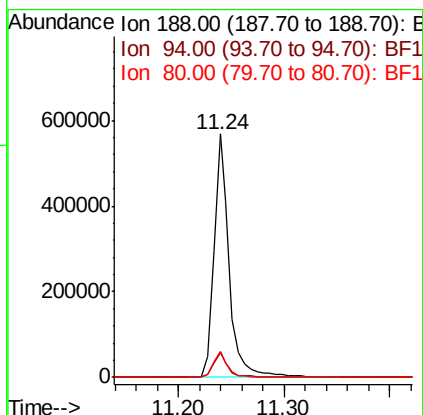
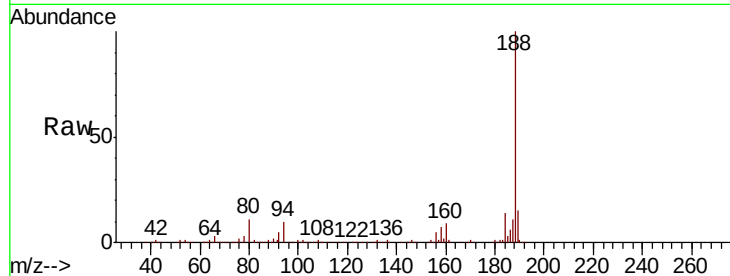




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112980.D
Acq: 12 Mar 2019 3:27

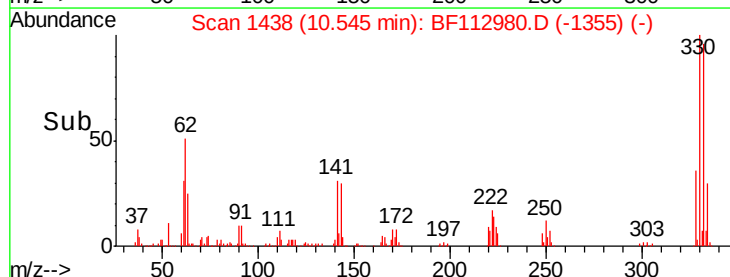
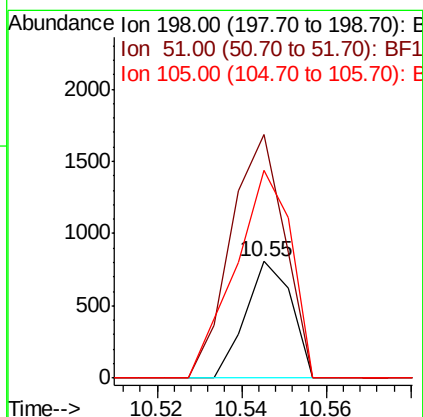
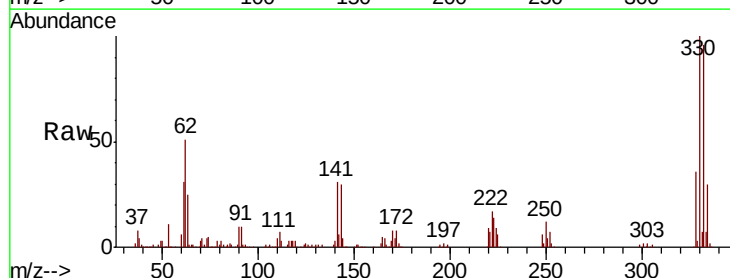
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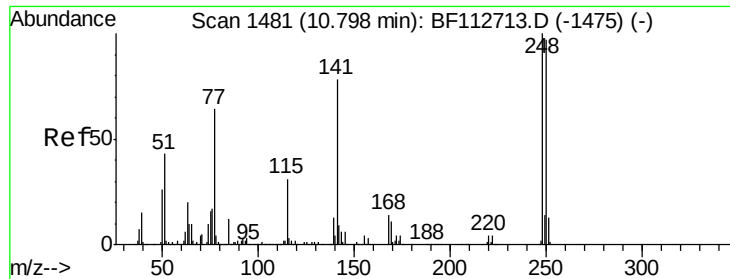
Tgt Ion:188 Resp: 577448
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.4
80 10.6 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.846 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112980.D
Acq: 12 Mar 2019 3:27

Tgt Ion:198 Resp: 612
Ion Ratio Lower Upper
198 100
51 209.4 43.8 83.8#
105 178.9 36.5 76.5#

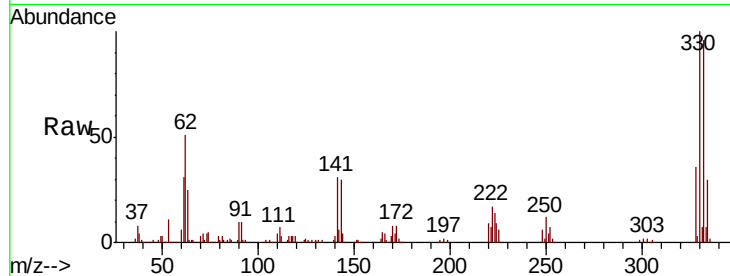




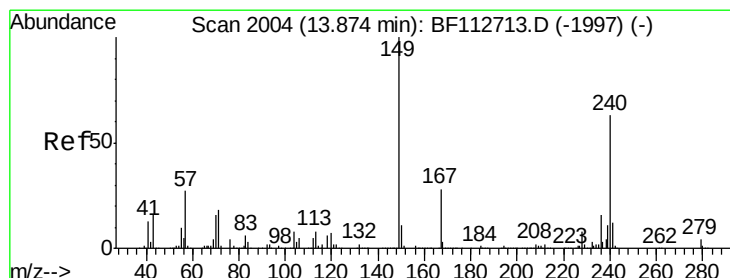
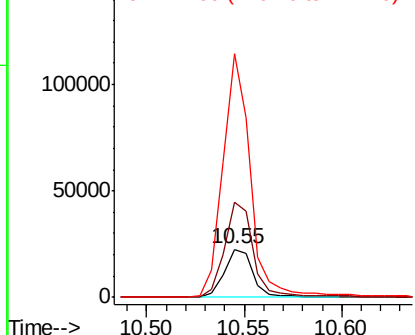
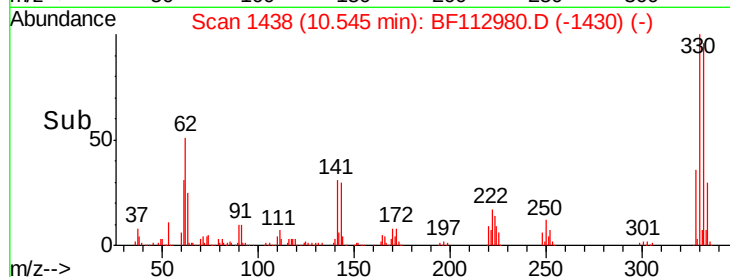
#67
4-Bromophenyl-phenylether
Concen: 3.795 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112980.D
Acq: 12 Mar 2019 3:27

Instrument :
BNA_F
ClientSampleId :
PST-028-B011-030619

Tgt Ion:248 Resp: 23085
Ion Ratio Lower Upper
248 100
250 199.8 77.5 116.3#
141 510.0 62.4 93.6#

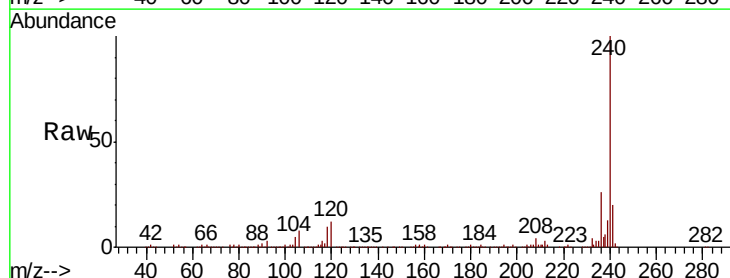


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

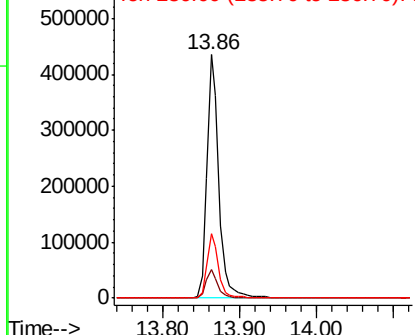
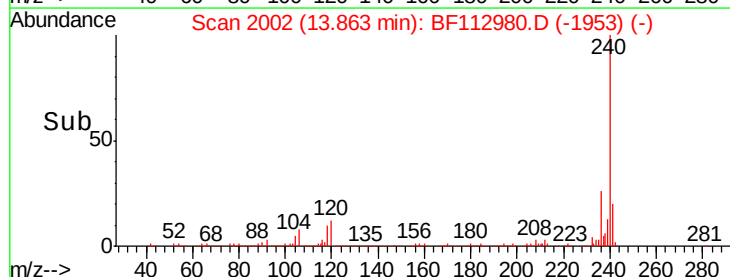


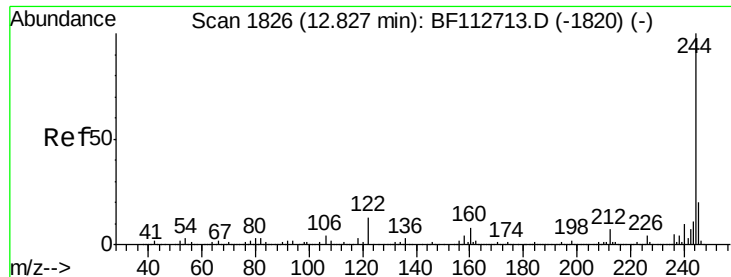
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112980.D
Acq: 12 Mar 2019 3:27

Tgt Ion:240 Resp: 462799
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 26.2 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: 68.529 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112980.D

Acq: 12 Mar 2019 3:27

Instrument :

BNA_F

ClientSampleId :

PST-028-B011-030619

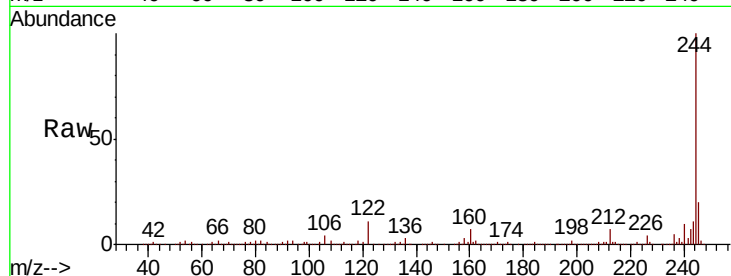
Tgt Ion:244 Resp: 1636059

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

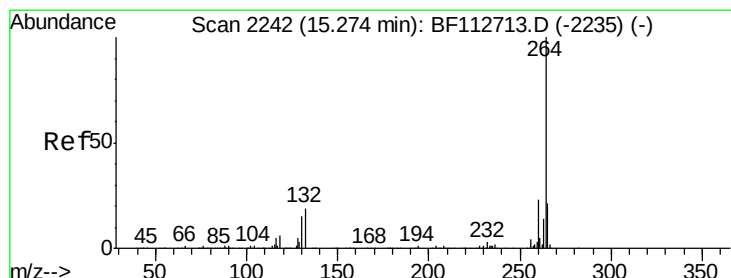
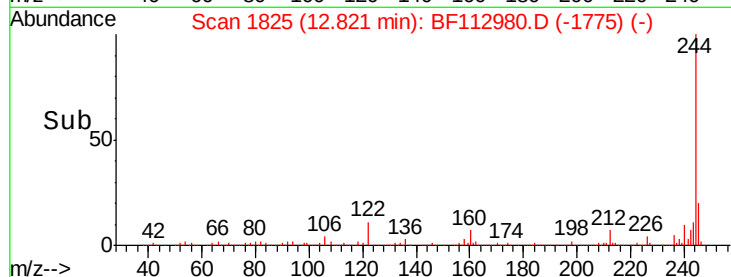
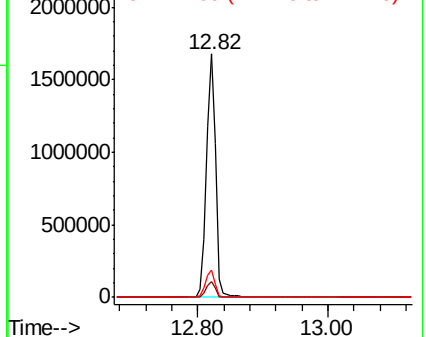
122 11.4 10.5 15.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BF112980.D

Acq: 12 Mar 2019 3:27

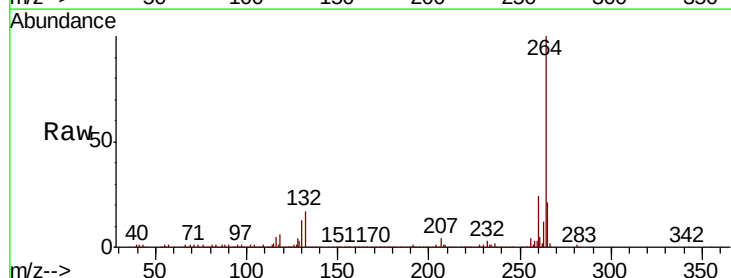
Tgt Ion:264 Resp: 380011

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.5 17.2 25.8



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

