

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112996.D
 Acq On : 12 Mar 2019 10:51
 Operator : JU/SJ
 Sample : K1817-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B115-030719

Quant Time: Mar 12 12:00:44 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

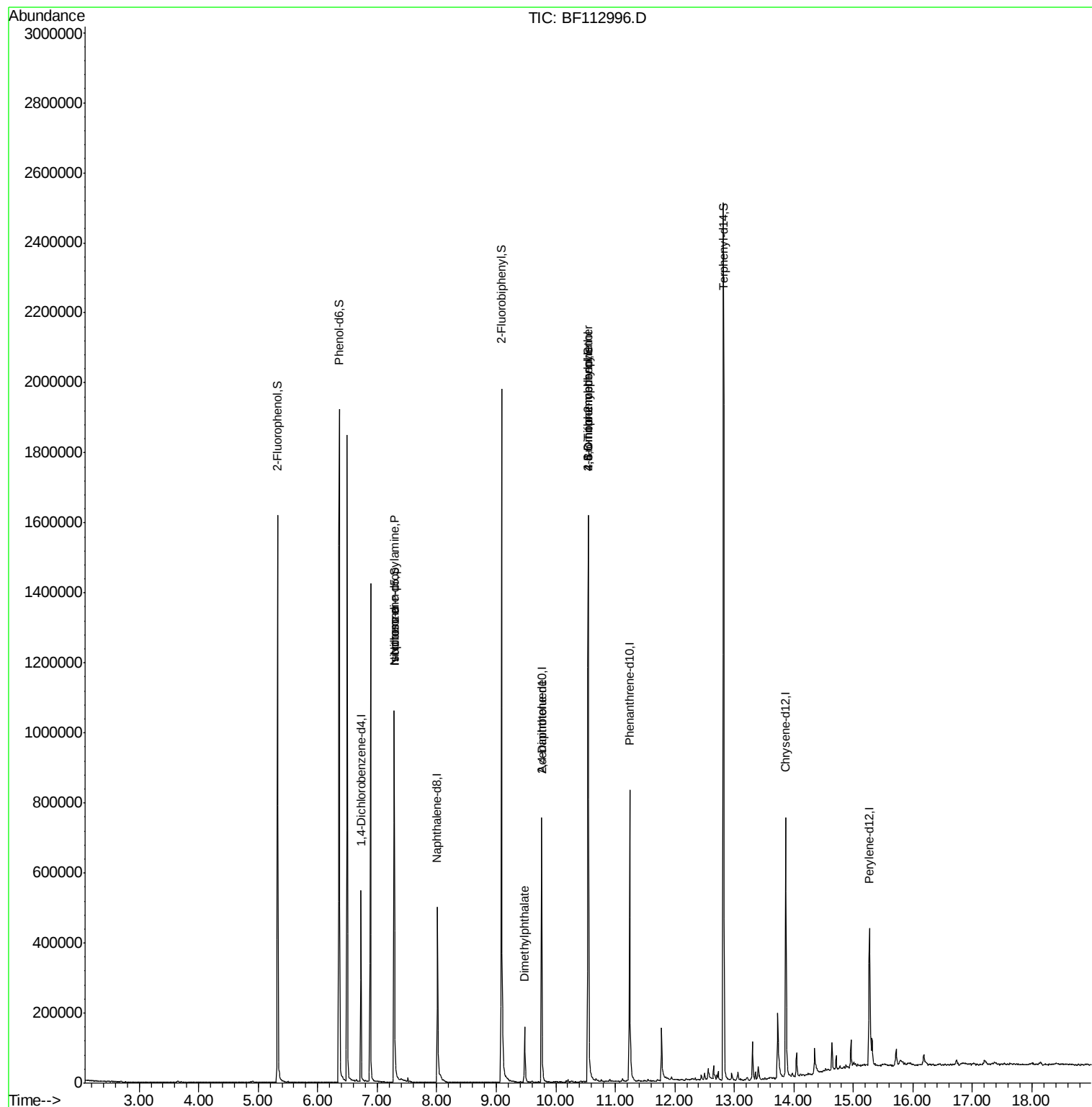
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	76422	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	300936	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	168896	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	378580	20.00	ng	0.00
76) Chrysene-d12	13.86	240	287896	20.00	ng	-0.01
87) Perylene-d12	15.27	264	218425	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	483947	98.51	ng	-0.02
7) Phenol-d6	6.36	99	638626	103.48	ng	0.00
23) Nitrobenzene-d5	7.29	82	342911	68.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	232049	129.42	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	731489	68.09	ng	-0.01
79) Terphenyl-d14	12.82	244	900891	60.66	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	43012	11.005	ng	# 76
25) Isophorone	7.29	82	342908	31.649	ng	# 66
50) Dimethylphthalate	9.48	163	76498	6.143	ng	# 99
57) 2,4-Dinitrotoluene	9.76	165	21194	6.575	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	272	4.771	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	13472	3.378	ng	# 1

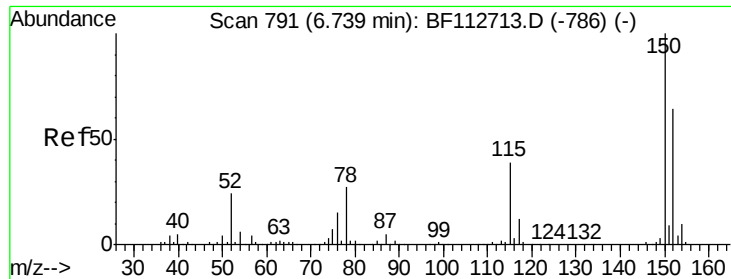
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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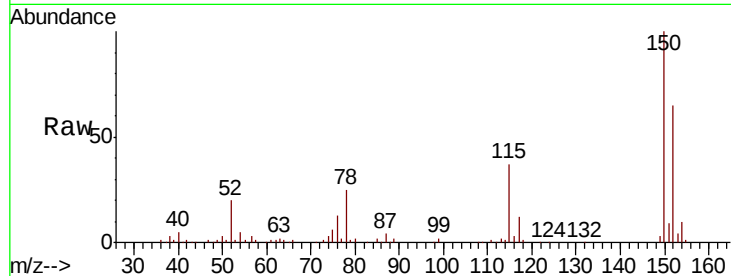


#1

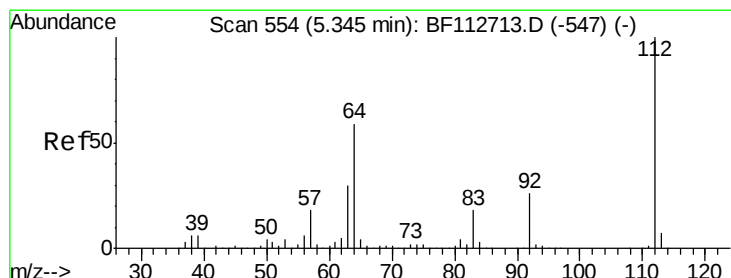
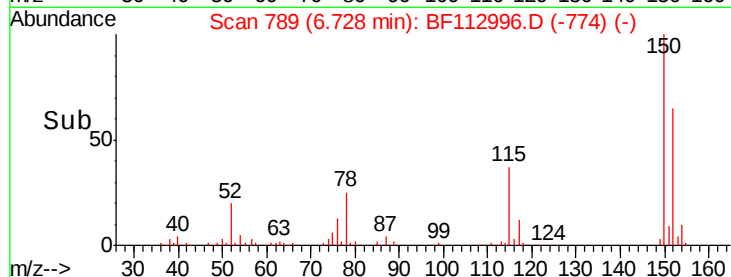
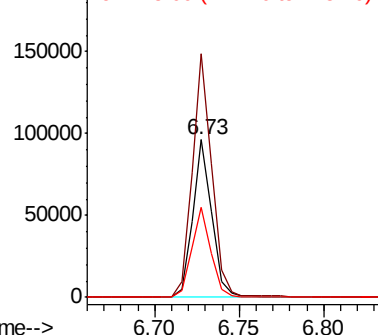
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112996.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PST-027-B115-030719

Tot Ion:152 Resp: 76422
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.2
115 57.4 48.2 72.4



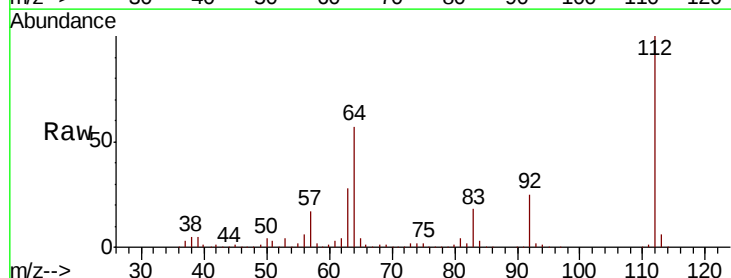
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



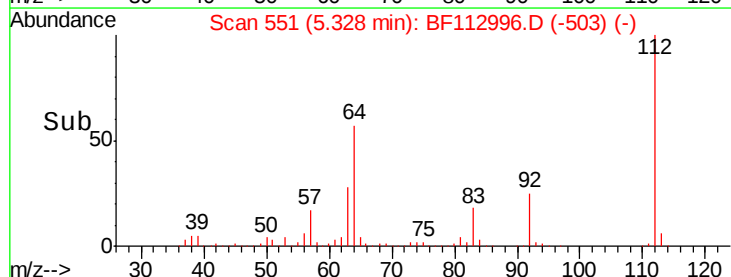
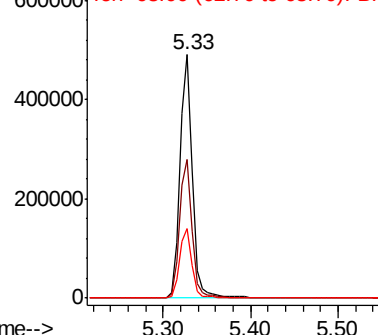
#5

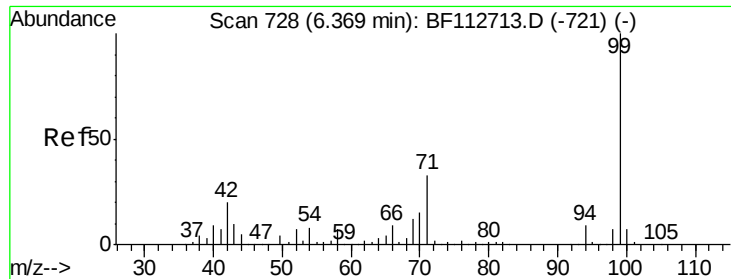
2-Fluorophenol
Concen: 98.506 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF112996.D
Acq: 12 Mar 2019 10:51

Tgt Ion:112 Resp: 483947
Ion Ratio Lower Upper
112 100
64 56.9 47.6 71.4
63 28.3 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: 103.482 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112996.D

Acq: 12 Mar 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PST-027-B115-030719

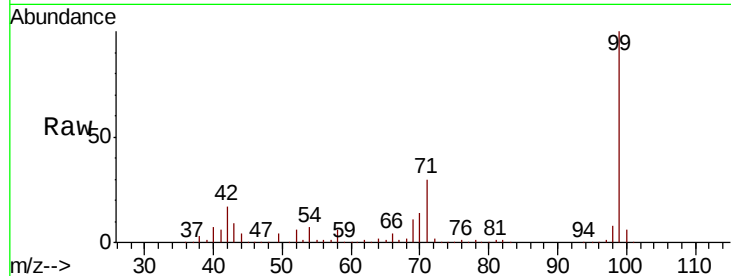
Tot Ion: 99 Resp: 638626

Ion Ratio Lower Upper

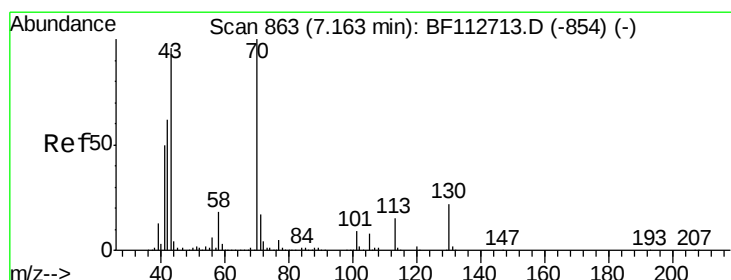
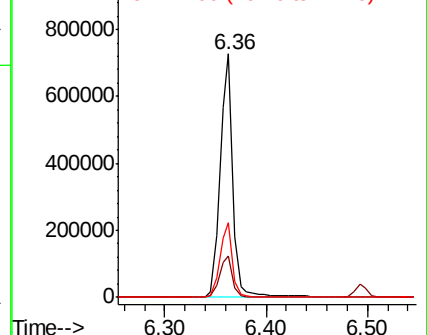
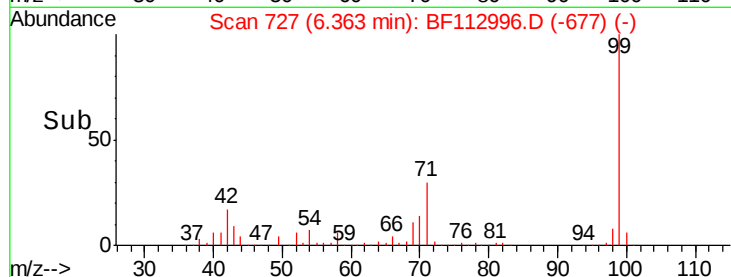
99 100

42 16.9 16.3 24.5

71 30.4 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: 11.005 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112996.D

Acq: 12 Mar 2019 10:51

Tgt Ion: 70 Resp: 43012

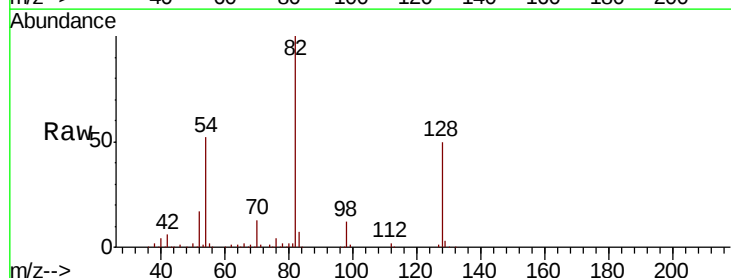
Ion Ratio Lower Upper

70 100

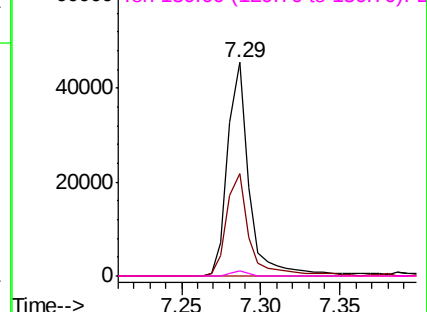
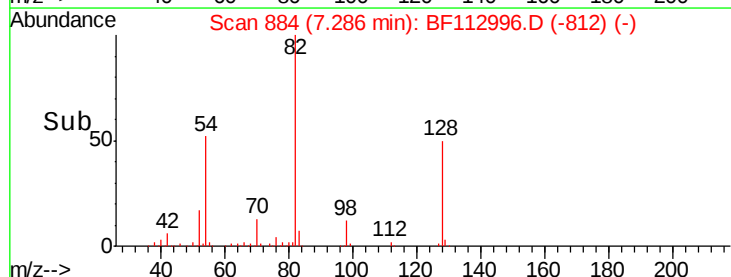
42 48.0 49.9 74.9#

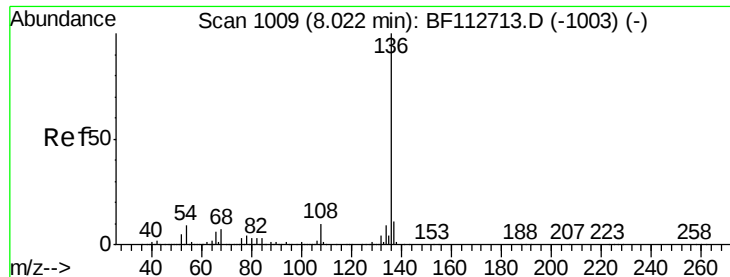
101 0.0 7.4 11.2#

130 2.6 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: BF112996.D

Acq: 12 Mar 2019 10:51

Instrument :

BNA_F

ClientSampleId :

PST-027-B115-030719

Tot Ion:136 Resp: 300936

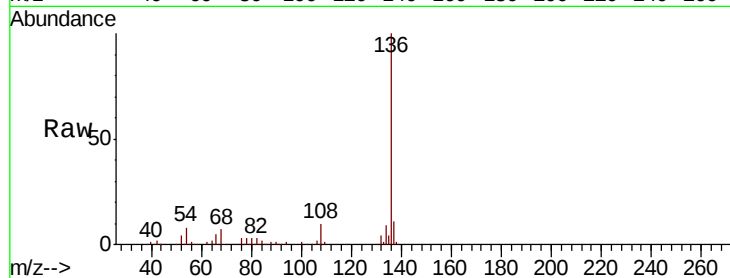
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.1 7.3 10.9

68 6.6 5.4 8.2

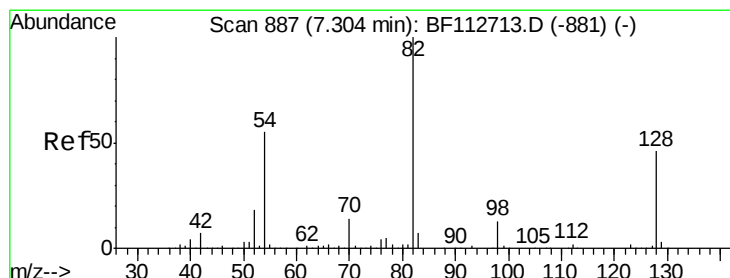
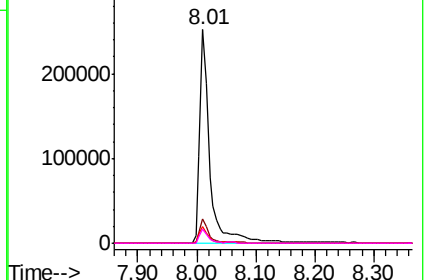
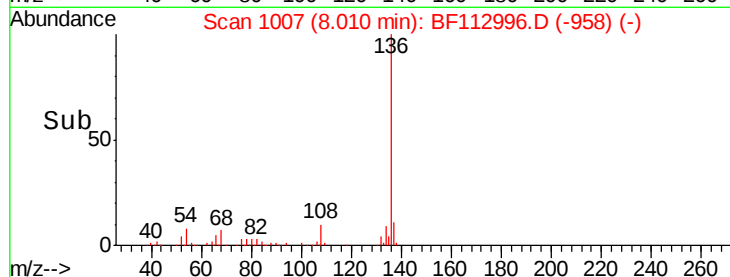


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.184 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF112996.D

Acq: 12 Mar 2019 10:51

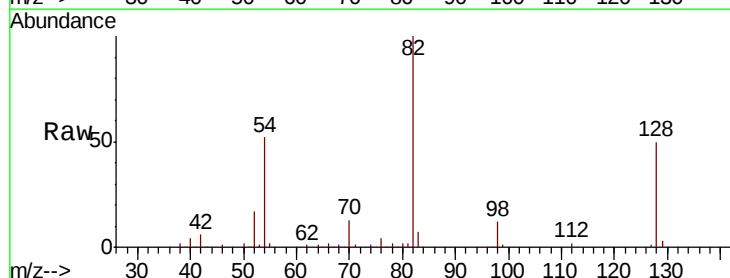
Tgt Ion: 82 Resp: 342911

Ion Ratio Lower Upper

82 100

128 49.7 36.3 54.5

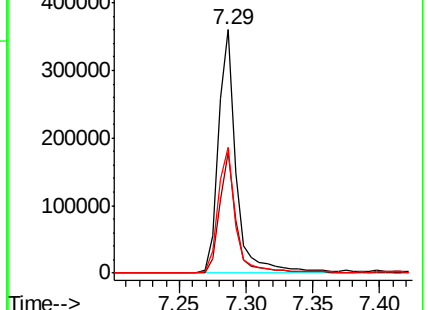
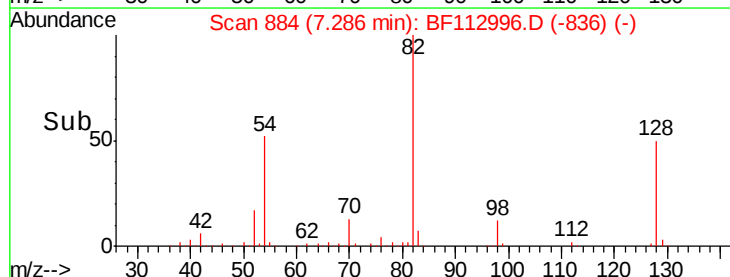
54 51.8 43.7 65.5

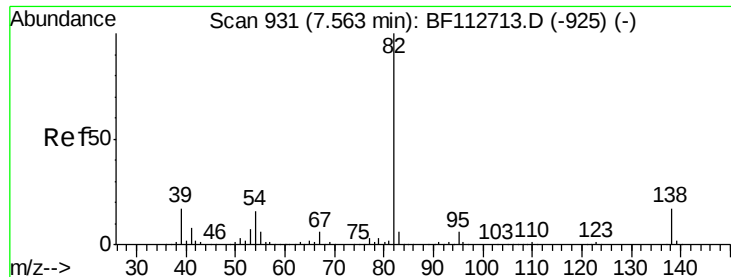


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.649 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112996.D

Acq: 12 Mar 2019 10:51

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ClientSampleId :

PST-027-B115-030719

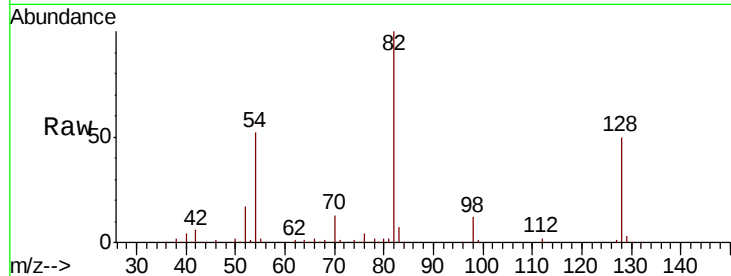
Tot Ion: 82 Resp: 342908

Ion Ratio Lower Upper

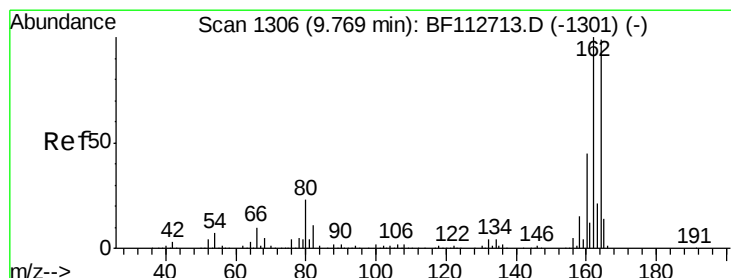
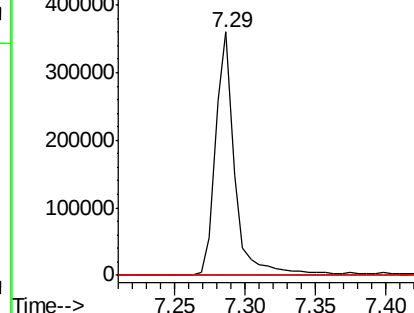
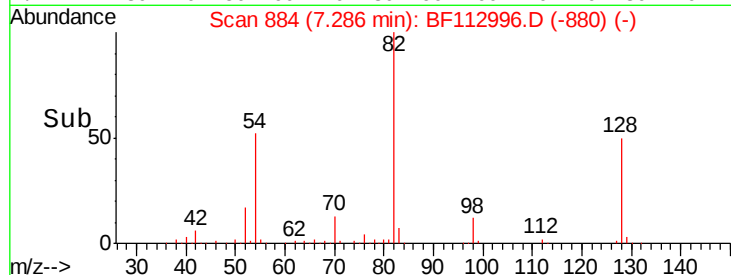
82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112996.D

Acq: 12 Mar 2019 10:51

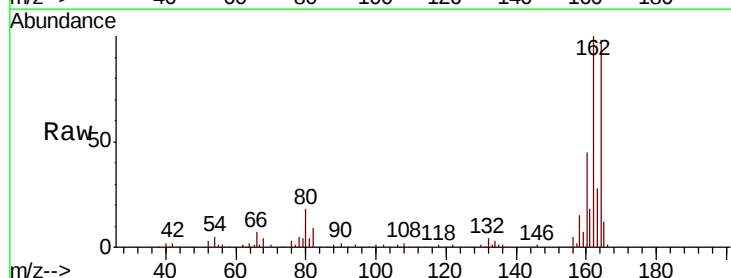
Tgt Ion:164 Resp: 168896

Ion Ratio Lower Upper

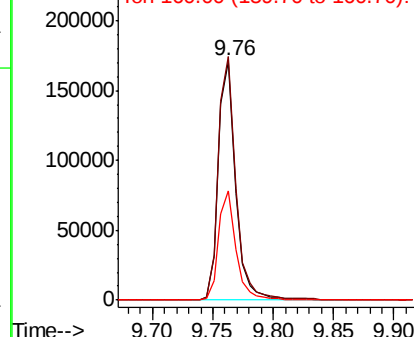
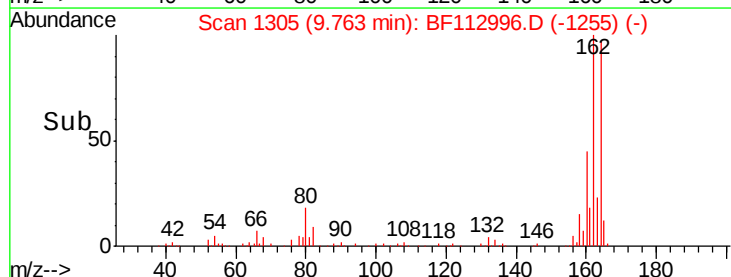
164 100

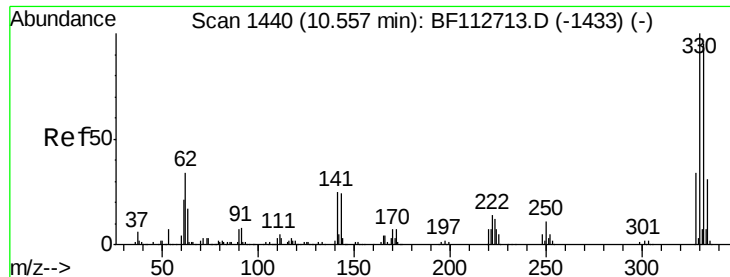
162 101.9 80.6 120.8

160 45.8 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

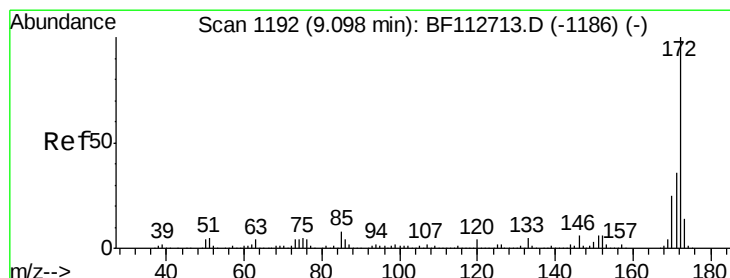
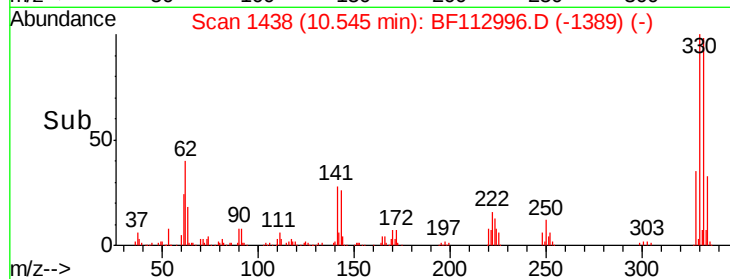
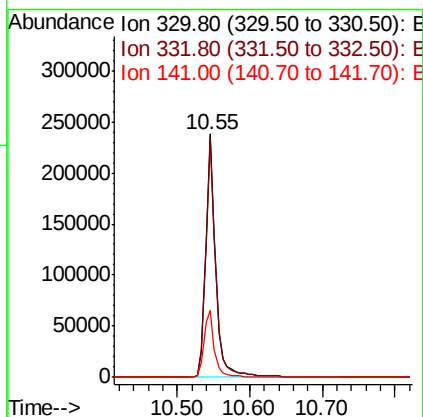
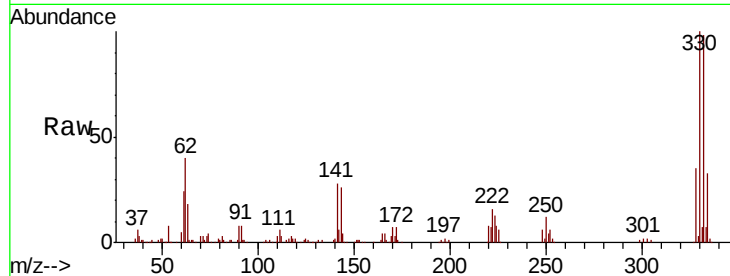




#42
 2,4,6-Tribromophenol
 Concen: 129.416 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112996.D
 Acq: 12 Mar 2019 10:51

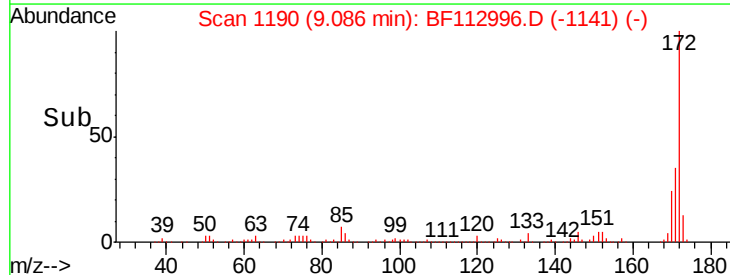
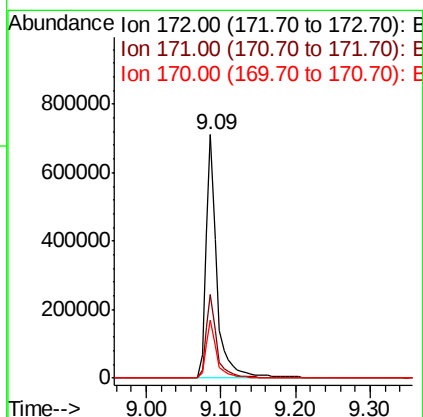
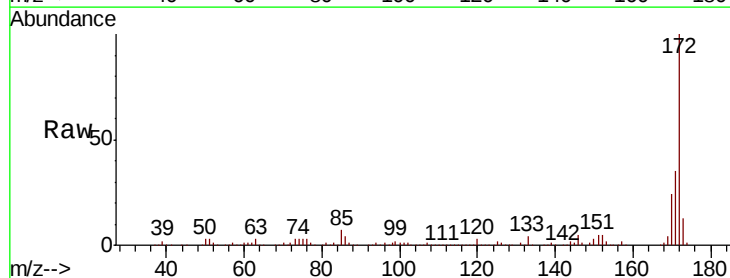
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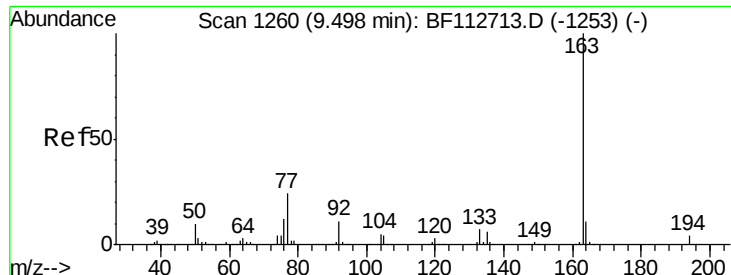
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.2	114.4
141	28.7	27.0	40.6



#45
 2-Fluorobiphenyl
 Concen: 68.091 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112996.D
 Acq: 12 Mar 2019 10:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.0	43.4
170	23.6	20.0	30.0

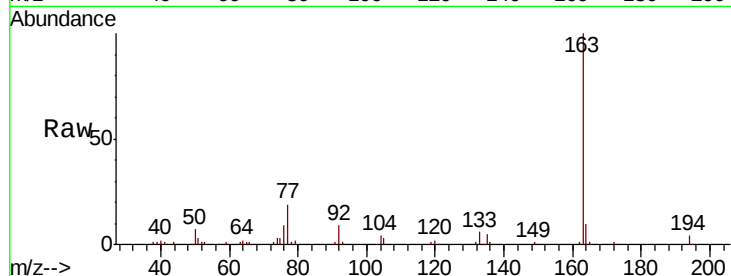




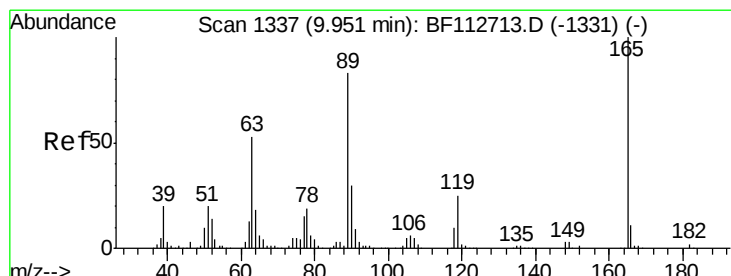
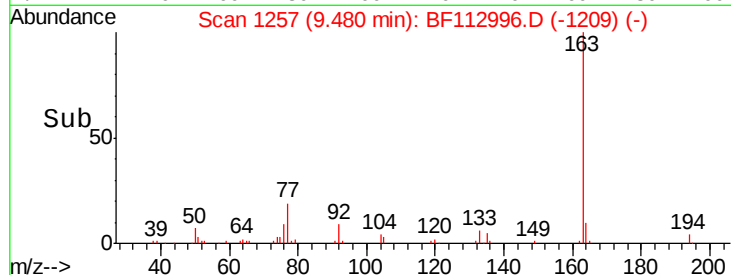
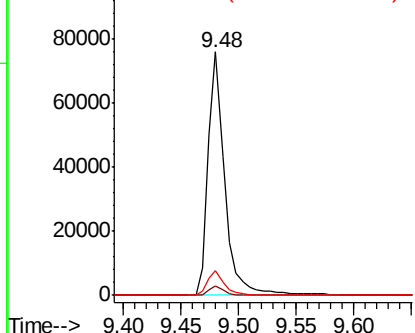
#50
Dimethylphthalate
Concen: 6.143 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112996.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PST-027-B115-030719

Tot Ion:163 Resp: 76498
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.2 8.4 12.6

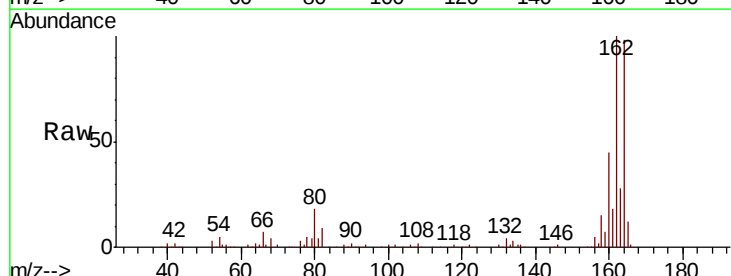


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

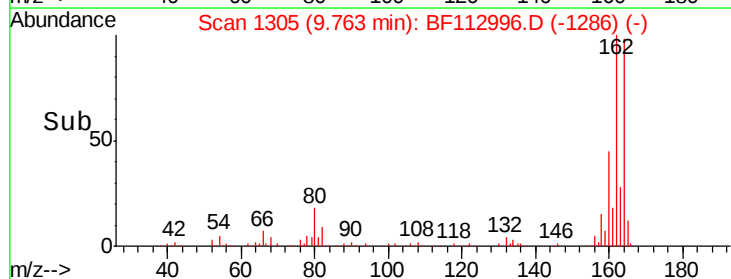
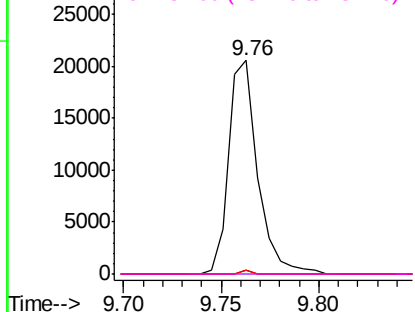


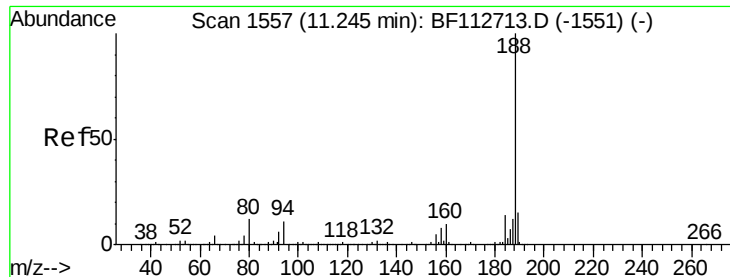
#57
2,4-Dinitrotoluene
Concen: 6.575 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112996.D
Acq: 12 Mar 2019 10:51

Tgt Ion:165 Resp: 21194
Ion Ratio Lower Upper
165 100
63 1.6 42.2 63.2#
89 1.8 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

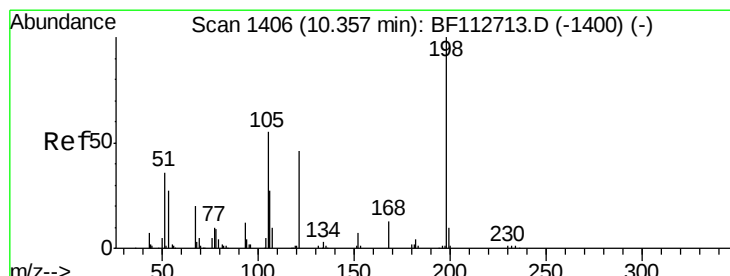
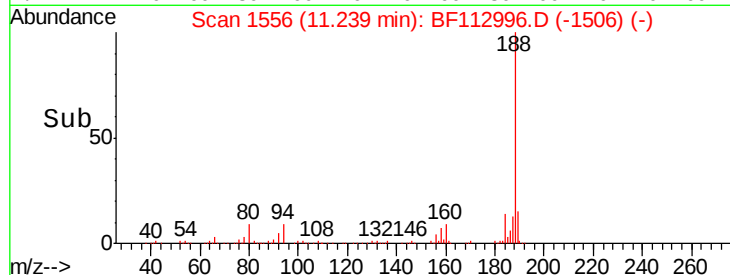
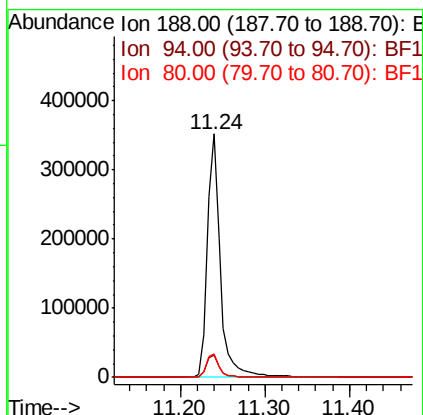
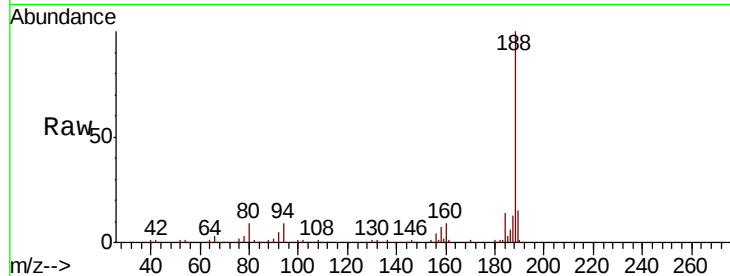




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112996.D
Acq: 12 Mar 2019 10:51

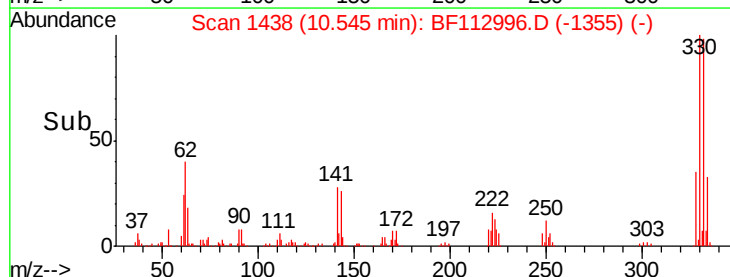
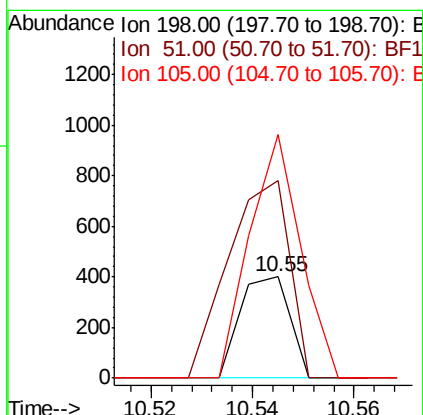
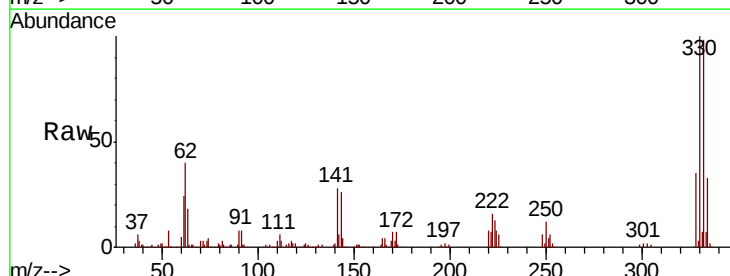
Instrument :
BNA_F
ClientSampleId :
PST-027-B115-030719

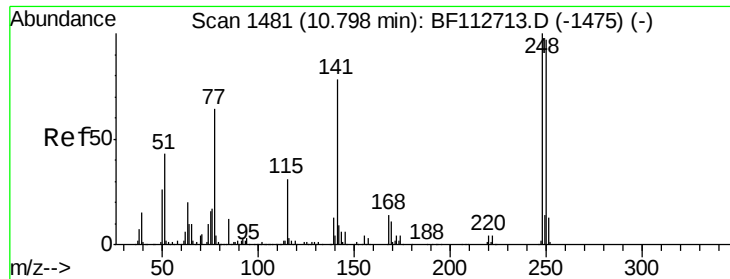
Tot Ion:188 Resp: 378580
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.4
80 9.4 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.771 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112996.D
Acq: 12 Mar 2019 10:51

Tgt Ion:198 Resp: 272
Ion Ratio Lower Upper
198 100
51 195.2 43.8 83.8#
105 241.4 36.5 76.5#

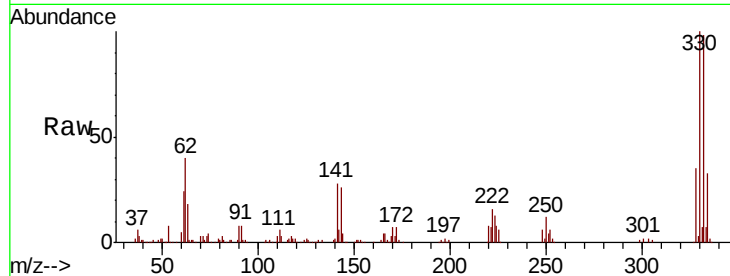




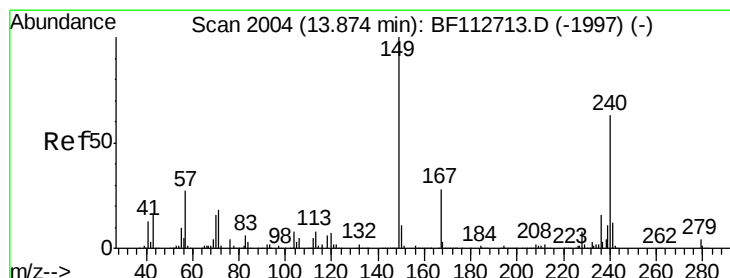
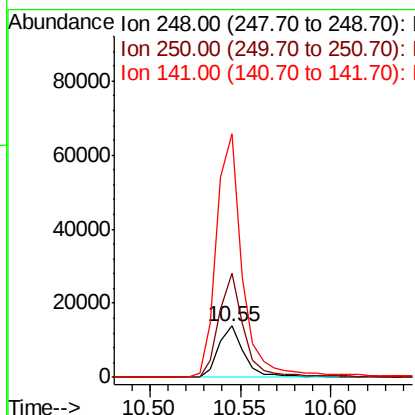
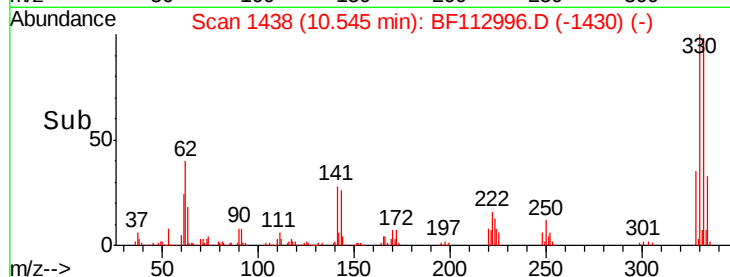
#67
4-Bromophenyl-phenylether
Concen: 3.378 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112996.D
Acq: 12 Mar 2019 10:51

Instrument :
BNA_F
ClientSampleId :
PST-027-B115-030719

Tot Ion:248 Resp: 13472
Ion Ratio Lower Upper
248 100
250 202.1 77.5 116.3#
141 475.0 62.4 93.6#

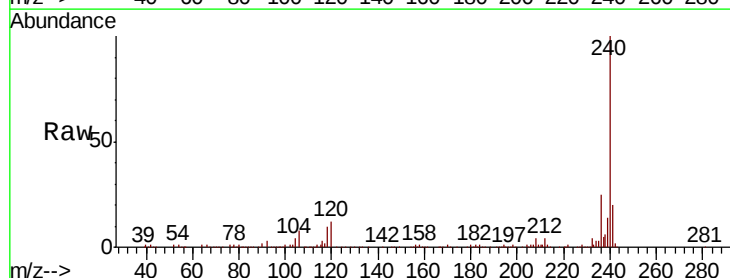


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

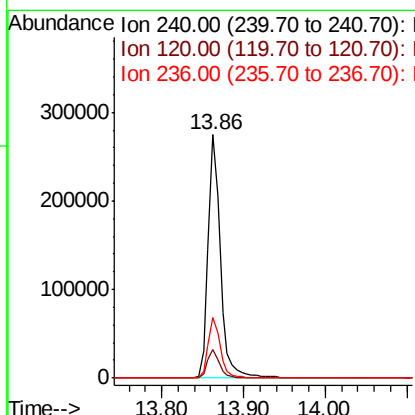
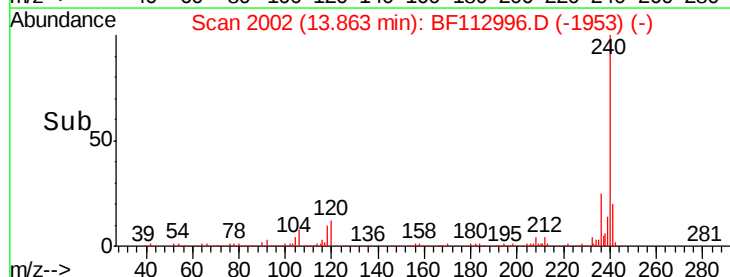


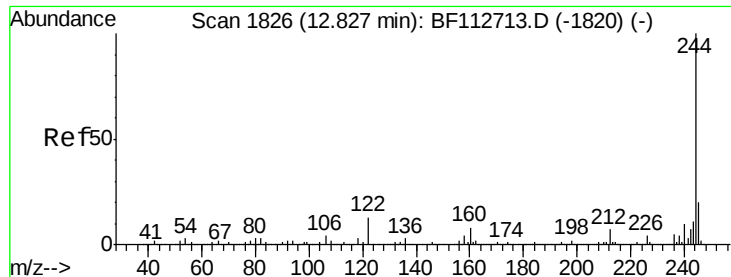
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112996.D
Acq: 12 Mar 2019 10:51

Tgt Ion:240 Resp: 287896
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.1 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

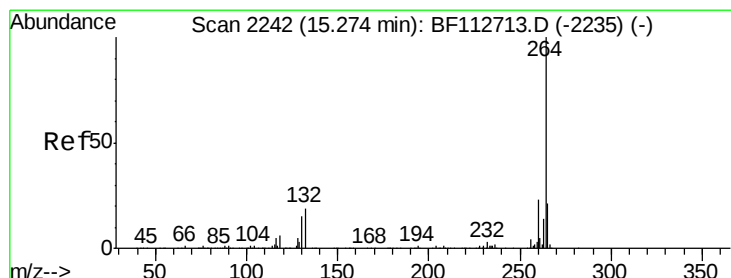
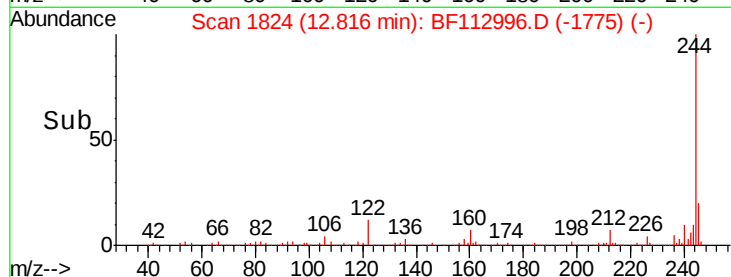
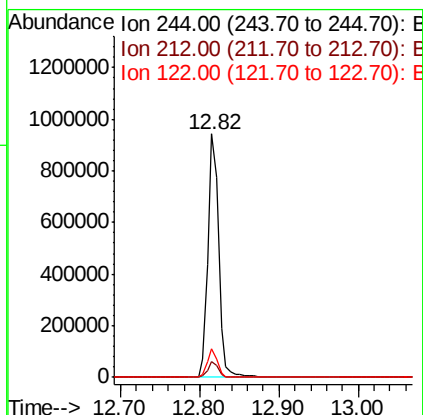
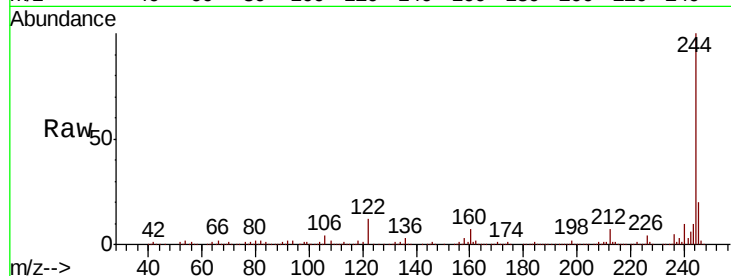




#79
 Terphenyl-d14
 Concen: 60.660 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112996.D
 Acq: 12 Mar 2019 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B115-030719

Tot Ion:244 Resp: 900891
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 11.7 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: BF112996.D
 Acq: 12 Mar 2019 10:51

Tgt Ion:264 Resp: 218425
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 22.1 17.2 25.8

