

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112994.D
 Acq On : 12 Mar 2019 9:54
 Operator : JU/SJ
 Sample : K1817-13
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B107-030619

Quant Time: Mar 12 12:00:19 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

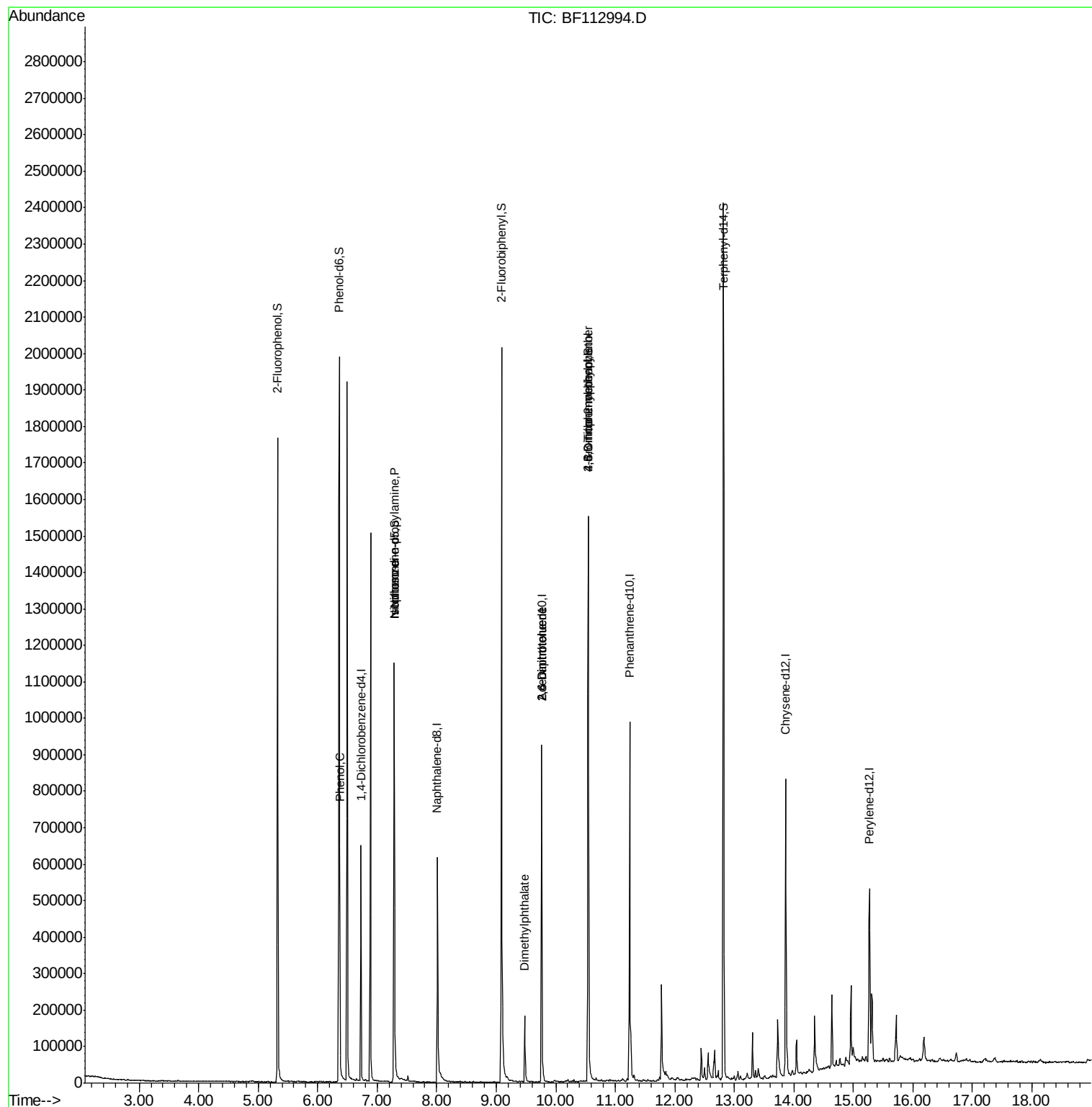
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	89844	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	360944	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	193758	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	415596	20.00	ng	0.00
76) Chrysene-d12	13.86	240	310602	20.00	ng	-0.01
87) Perylene-d12	15.27	264	247034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	494414	85.60	ng	-0.02
7) Phenol-d6	6.36	99	672322	92.67	ng	0.00
23) Nitrobenzene-d5	7.29	82	375260	62.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	222055	107.95	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	738148	58.05	ng	-0.01
79) Terphenyl-d14	12.82	244	827030	51.62	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	20256	2.393	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	49158	10.698	ng	# 76
25) Isophorone	7.29	82	375257	28.877	ng	# 66
50) Dimethylphthalate	9.48	163	86034	6.022	ng	97
51) 2,6-Dinitrotoluene	9.76	165	24389	8.198	ng	# 17
57) 2,4-Dinitrotoluene	9.76	165	24389	6.595	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	268	4.755	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	12313	2.813	ng	# 1

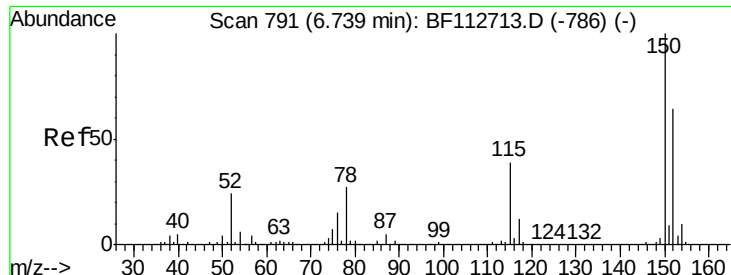
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112994.D
Acq On : 12 Mar 2019 9:54
Operator : JU/SJ
Sample : K1817-13
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-027-B107-030619

Quant Time: Mar 12 12:00:19 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



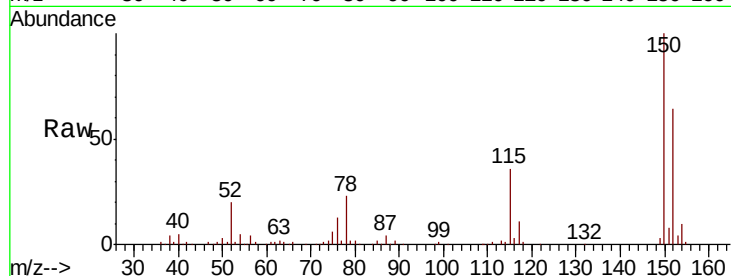


#1

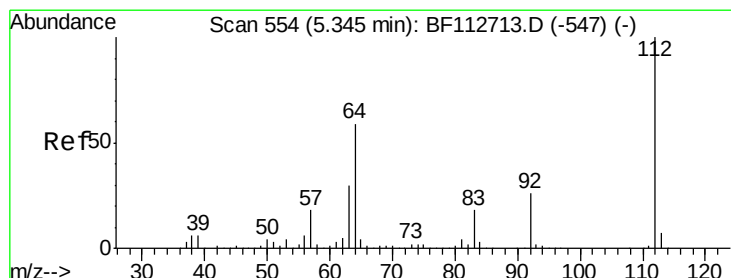
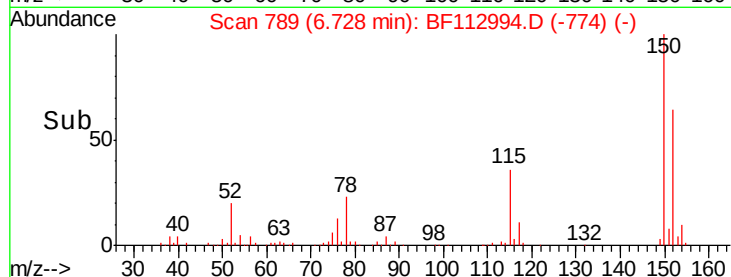
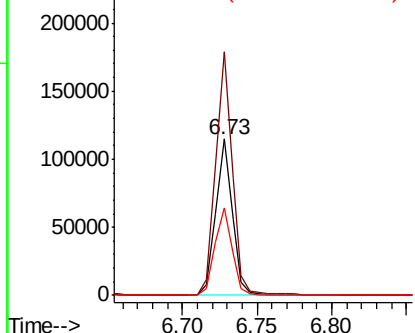
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112994.D
Acq: 12 Mar 2019 9:54

Instrument :
BNA_F
ClientSampleId :
PST-027-B107-030619

Tot Ion:152 Resp: 89844
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 56.1 48.2 72.4



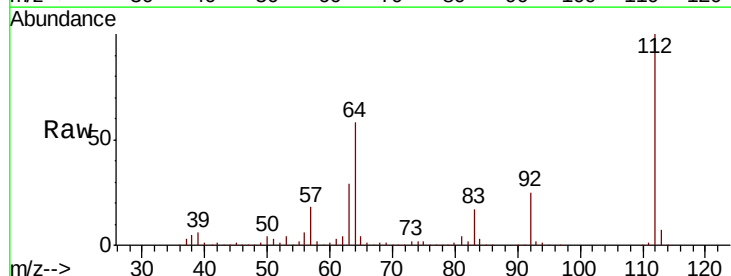
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



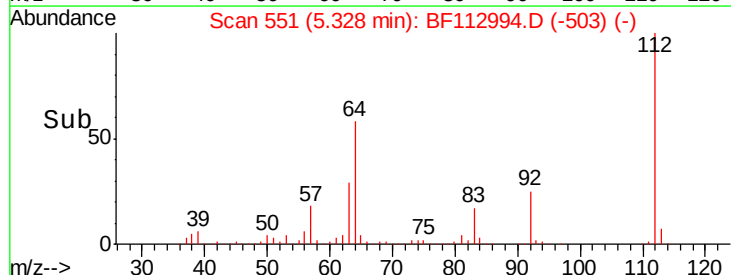
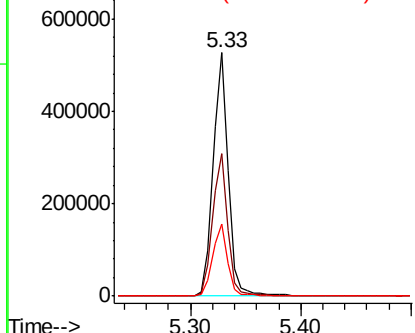
#5

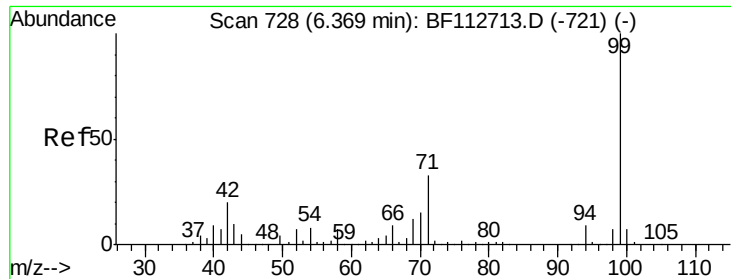
2-Fluorophenol
Concen: 85.602 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF112994.D
Acq: 12 Mar 2019 9:54

Tgt Ion:112 Resp: 494414
Ion Ratio Lower Upper
112 100
64 58.4 47.6 71.4
63 29.4 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: 92.667 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112994.D

Acq: 12 Mar 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PST-027-B107-030619

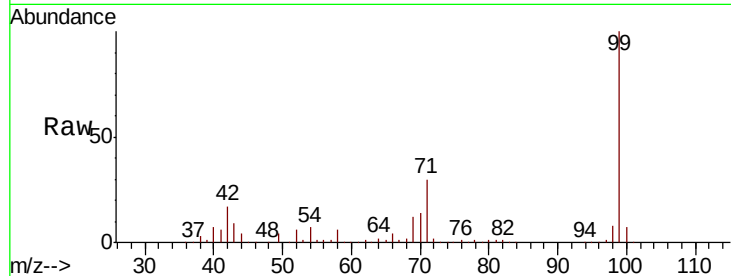
Tot Ion: 99 Resp: 672322

Ion Ratio Lower Upper

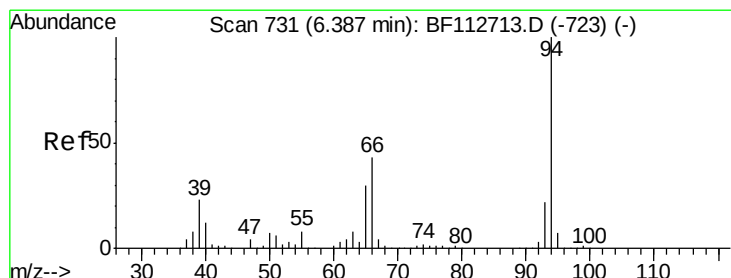
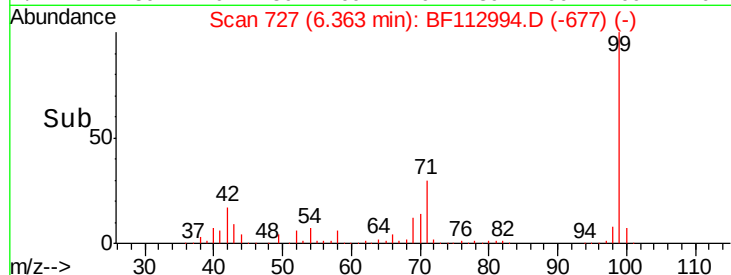
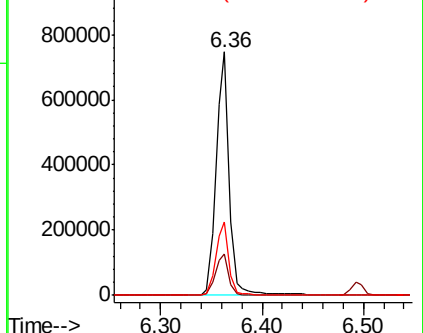
99 100

42 16.9 16.3 24.5

71 30.0 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: 2.393 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112994.D

Acq: 12 Mar 2019 9:54

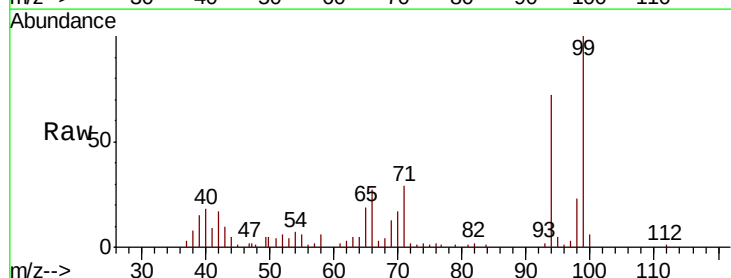
Tgt Ion: 94 Resp: 20256

Ion Ratio Lower Upper

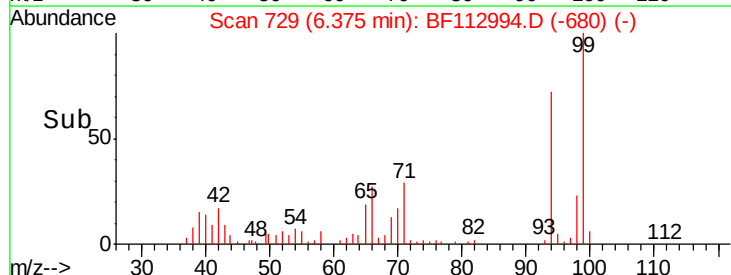
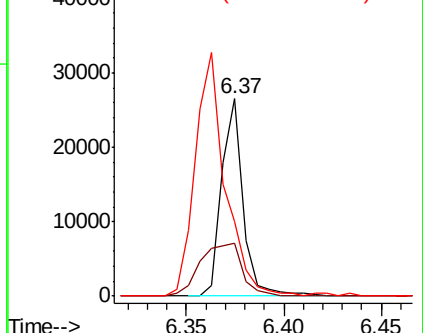
94 100

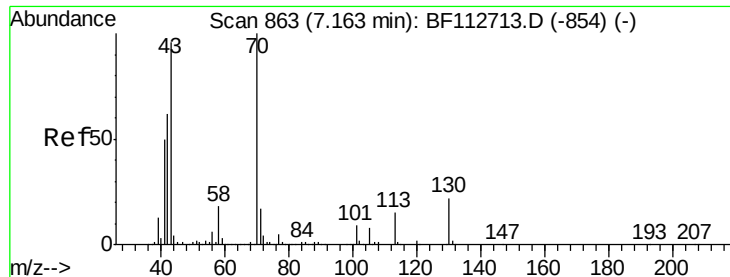
65 26.6 10.5 50.5

66 38.0 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

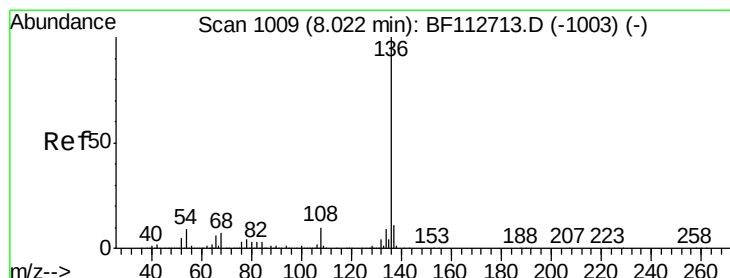
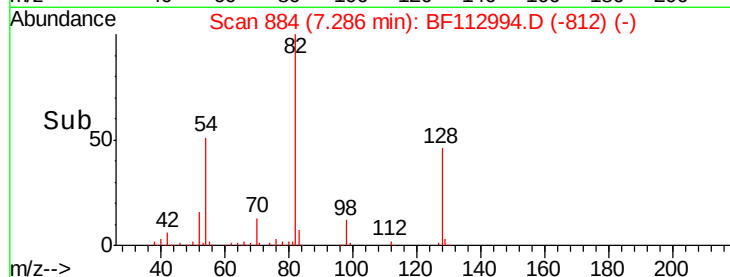
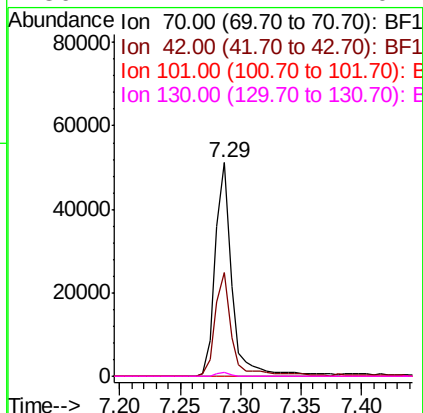
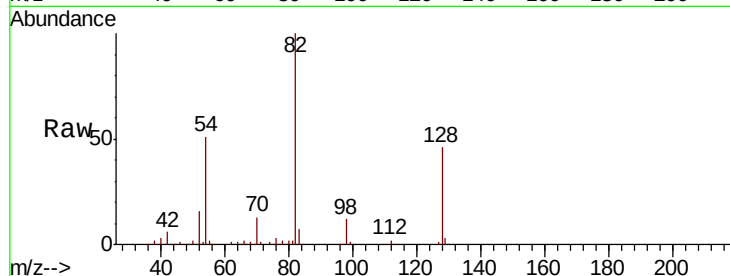




#19
n-Nitroso-di-n-propylamine
Concen: 10.698 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112994.D
Acq: 12 Mar 2019 9:54

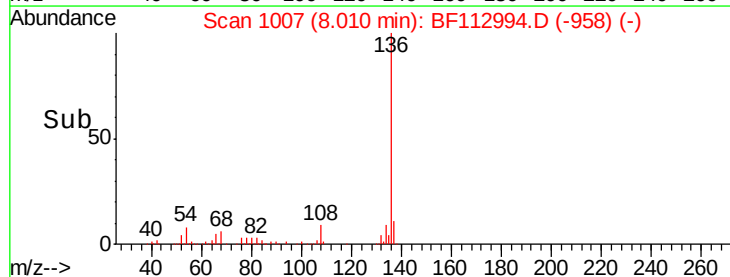
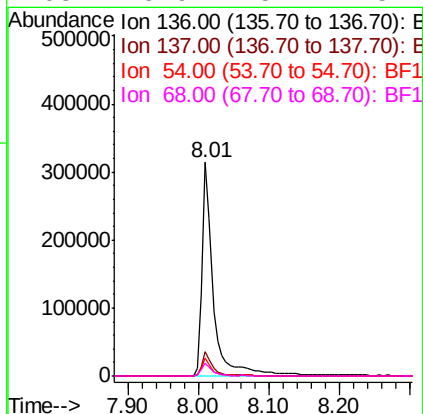
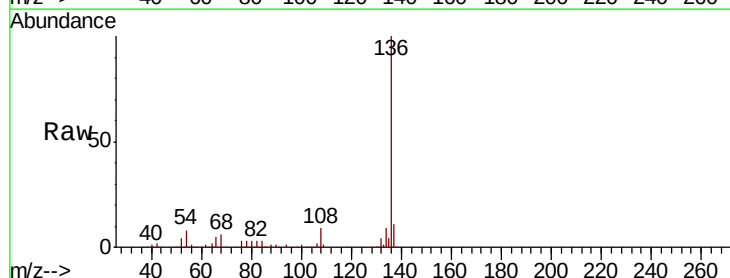
Instrument :
BNA_F
ClientSampleId :
PST-027-B107-030619

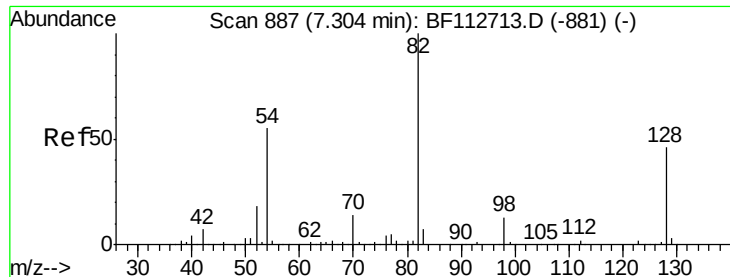
Tot Ion: 70 Resp: 49158
Ion Ratio Lower Upper
70 100
42 48.3 49.9 74.9#
101 0.0 7.4 11.2#
130 2.1 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112994.D
Acq: 12 Mar 2019 9:54

Tgt Ion: 136 Resp: 360944
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.2 7.3 10.9
68 5.9 5.4 8.2

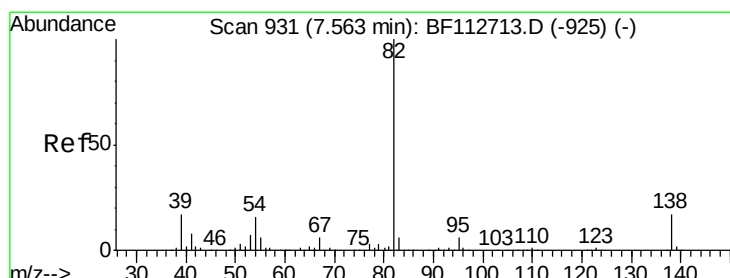
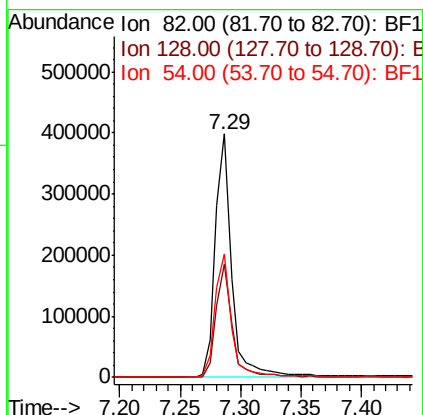
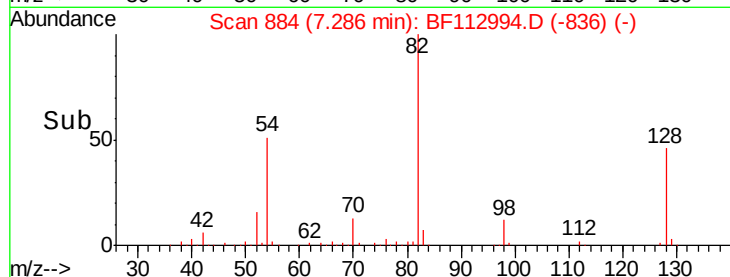
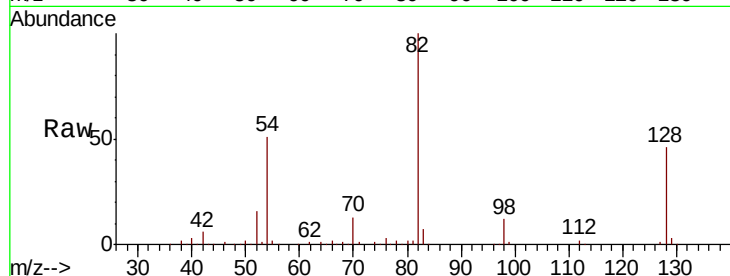




#23
Nitrobenzene-d5
Concen: 62.211 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112994.D
Acq: 12 Mar 2019 9:54

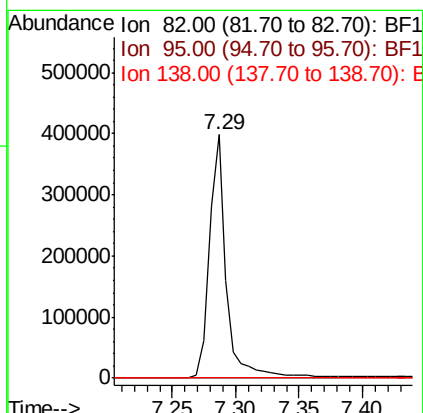
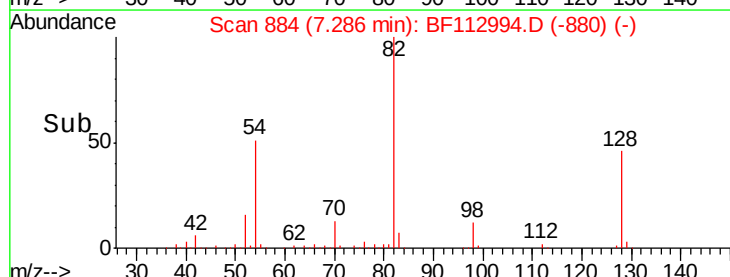
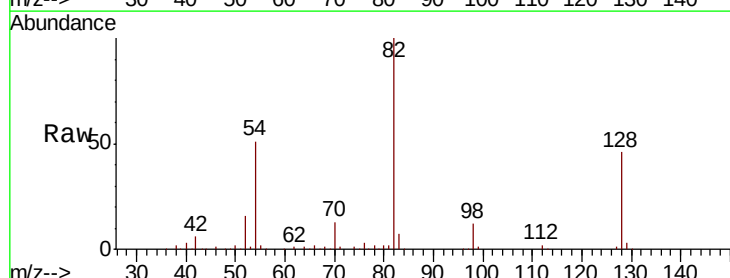
Instrument :
BNA_F
ClientSampleId :
PST-027-B107-030619

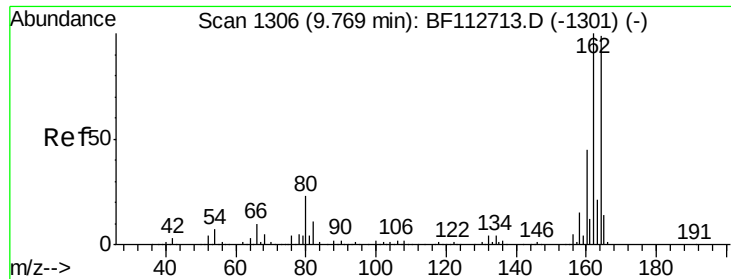
Tot Ion: 82 Resp: 375260
Ion Ratio Lower Upper
82 100
128 46.4 36.3 54.5
54 50.5 43.7 65.5



#25
Isophorone
Concen: 28.877 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112994.D
Acq: 12 Mar 2019 9:54

Tgt Ion: 82 Resp: 375257
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#

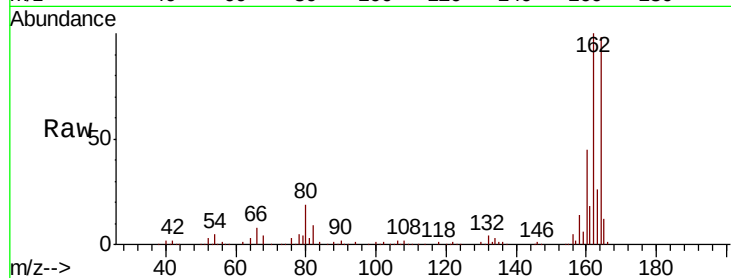




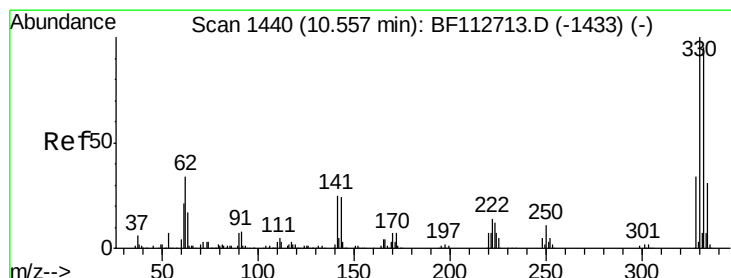
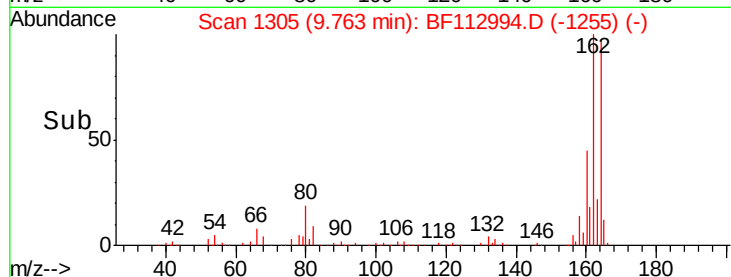
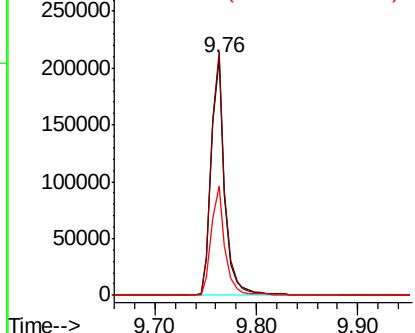
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112994.D
Acq: 12 Mar 2019 9:54

Instrument :
BNA_F
ClientSampleId :
PST-027-B107-030619

Tot Ion:164 Resp: 193758
Ion Ratio Lower Upper
164 100
162 102.5 80.6 120.8
160 45.8 36.0 54.0

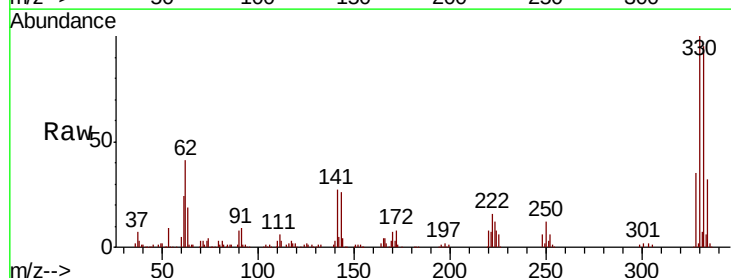


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

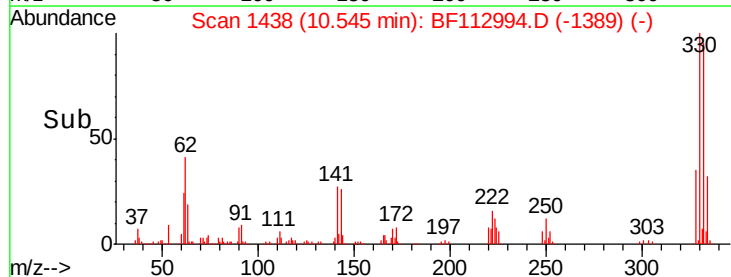
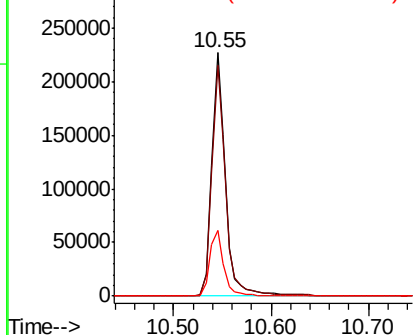


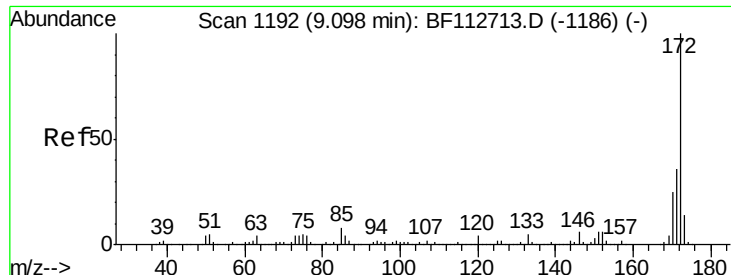
#42
2,4,6-Tribromophenol
Concen: 107.952 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112994.D
Acq: 12 Mar 2019 9:54

Tgt Ion:330 Resp: 222055
Ion Ratio Lower Upper
330 100
332 95.7 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

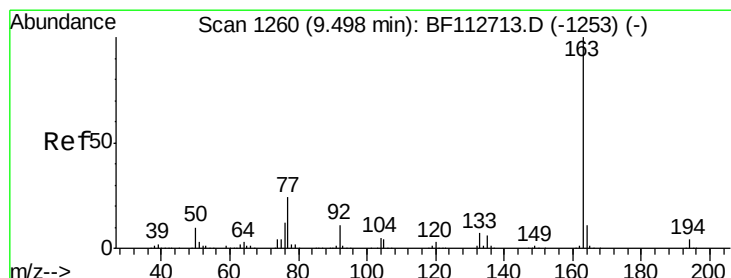
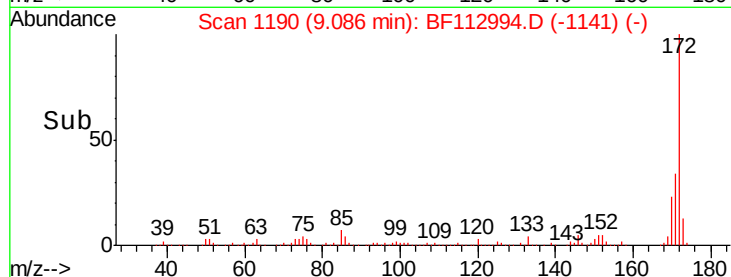
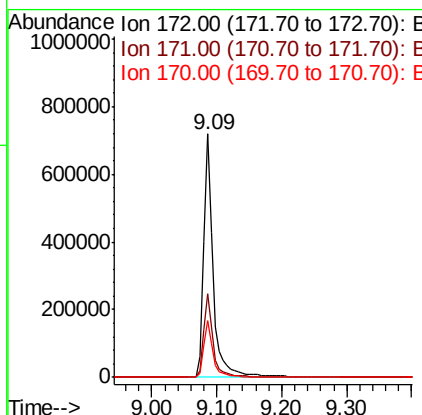
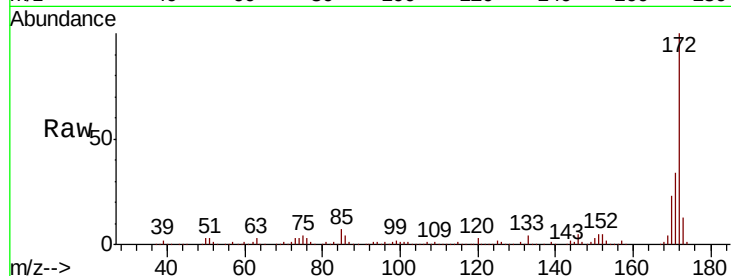




#45
2-Fluorobiphenyl
Concen: 58.050 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112994.D
Acq: 12 Mar 2019 9:54

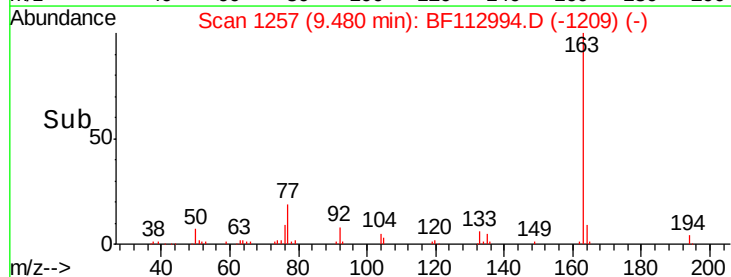
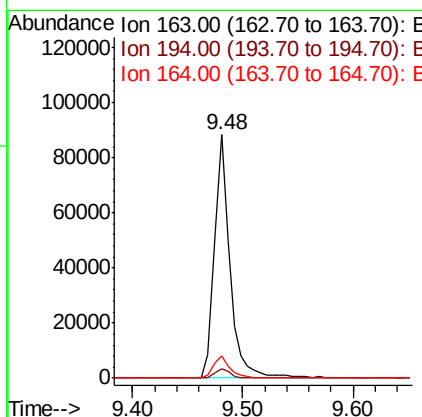
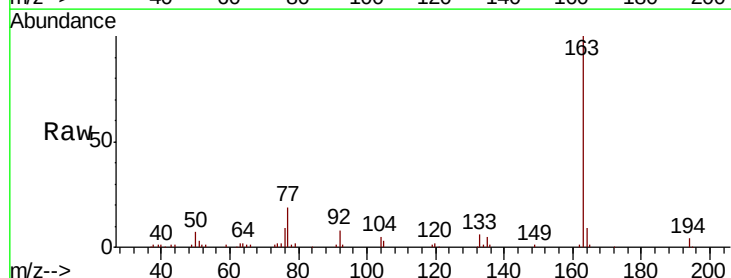
Instrument :
BNA_F
ClientSampleId :
PST-027-B107-030619

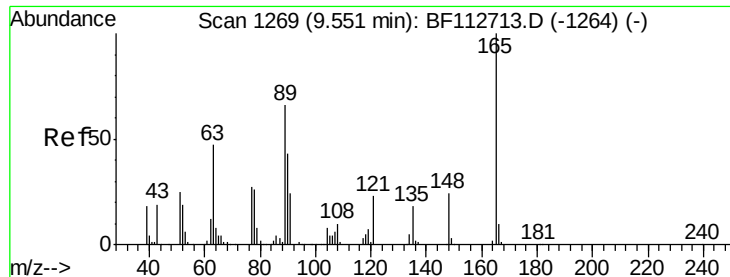
Tot Ion:172 Resp: 738148
Ion Ratio Lower Upper
172 100
171 34.4 29.0 43.4
170 23.1 20.0 30.0



#50
Dimethylphthalate
Concen: 6.022 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112994.D
Acq: 12 Mar 2019 9:54

Tgt Ion:163 Resp: 86034
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.0 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 8.198 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.21 min

Lab File: BF112994.D

Acq: 12 Mar 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PST-027-B107-030619

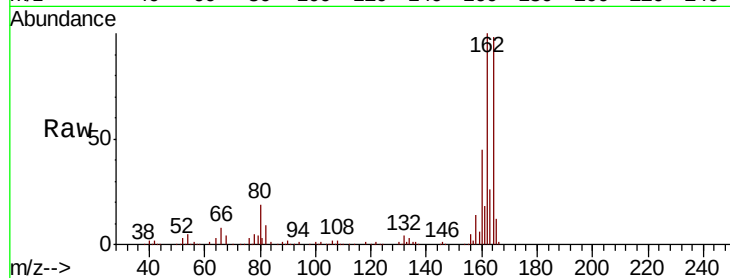
Tot Ion:165 Resp: 24389

Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

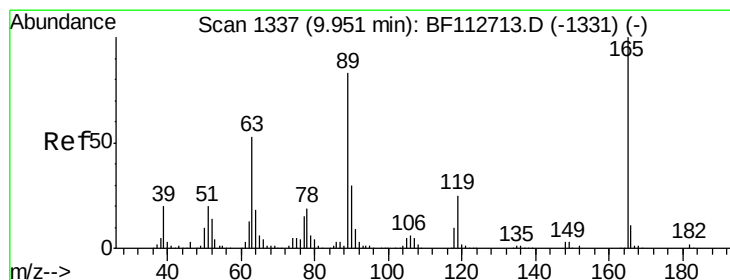
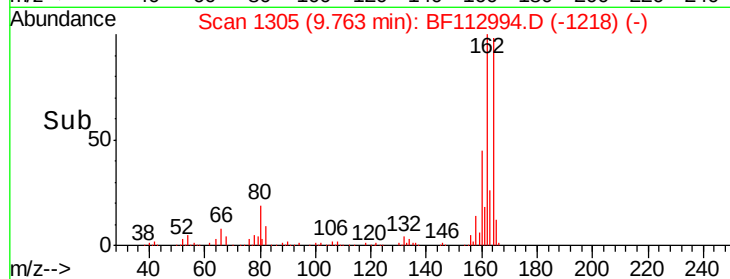
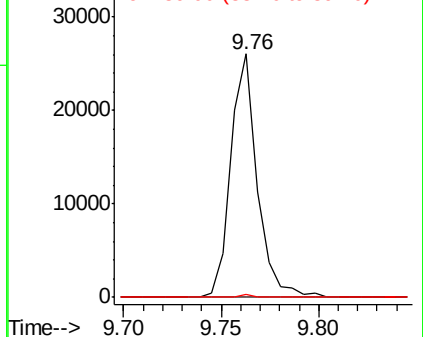
89 1.2 52.8 79.2#



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



#57

2,4-Dinitrotoluene

Concen: 6.595 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.19 min

Lab File: BF112994.D

Acq: 12 Mar 2019 9:54

Tgt Ion:165 Resp: 24389

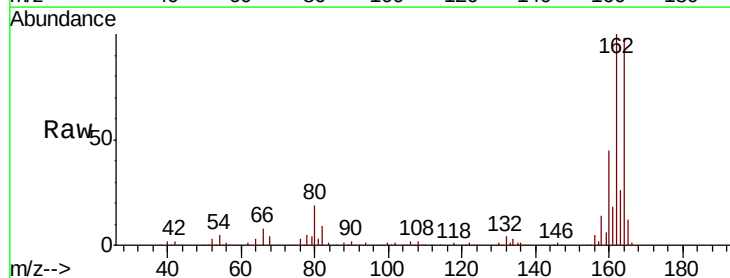
Ion Ratio Lower Upper

165 100

63 0.0 42.2 63.2#

89 1.2 66.2 99.4#

182 0.0 1.8 2.6#

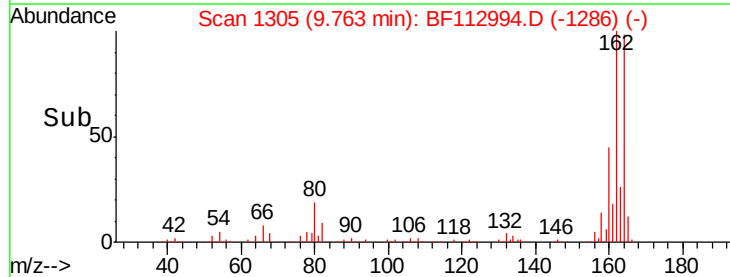
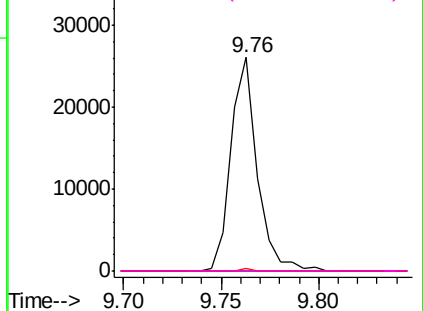


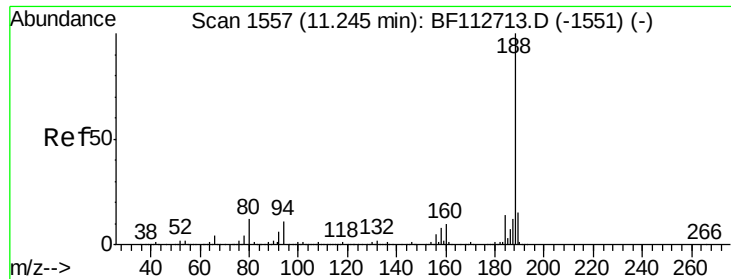
Abundance Ion 165.00 (164.70 to 165.70): E

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

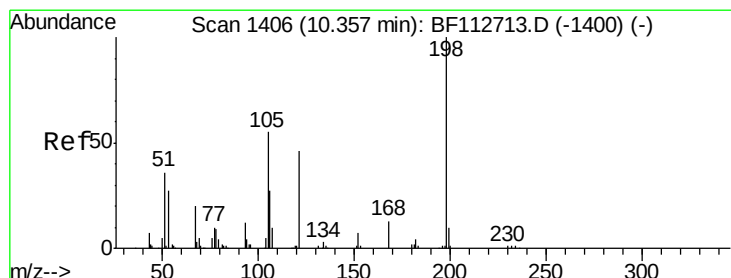
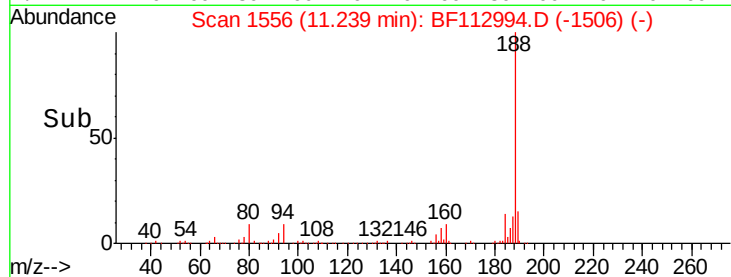
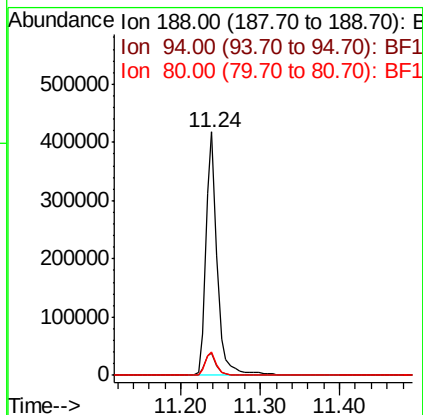
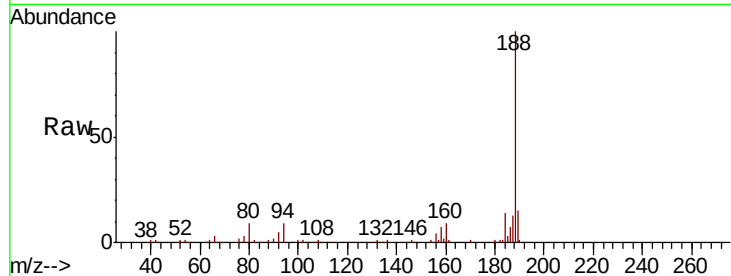




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112994.D
Acq: 12 Mar 2019 9:54

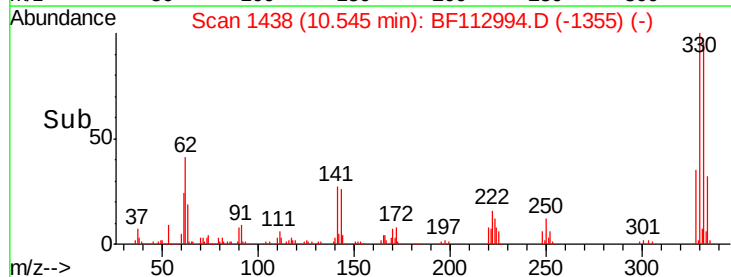
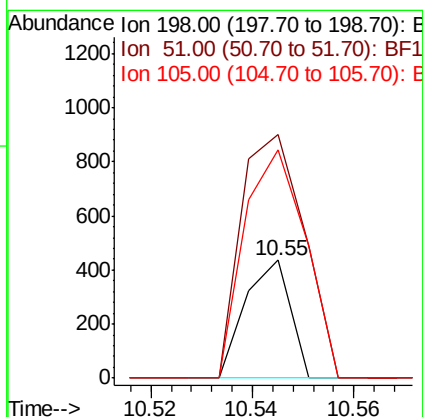
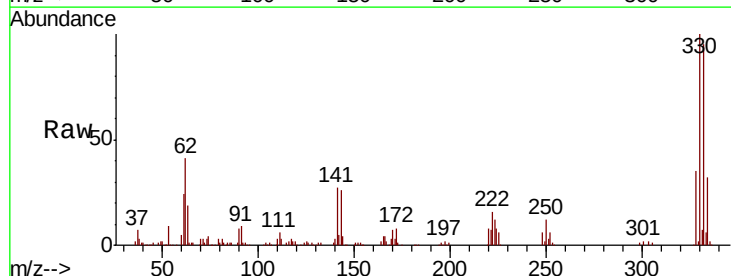
Instrument :
BNA_F
ClientSampleId :
PST-027-B107-030619

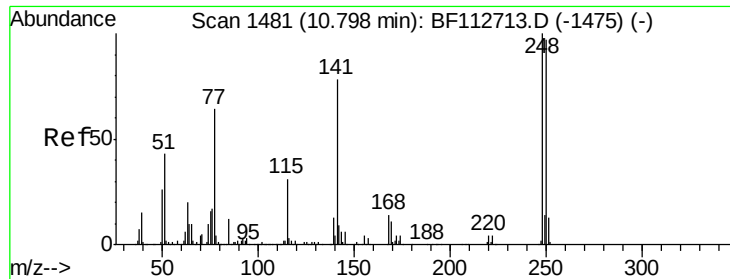
Tot Ion:188 Resp: 415596
Ion Ratio Lower Upper
188 100
94 9.3 9.0 13.4
80 9.4 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.755 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112994.D
Acq: 12 Mar 2019 9:54

Tgt Ion:198 Resp: 268
Ion Ratio Lower Upper
198 100
51 206.7 43.8 83.8#
105 194.0 36.5 76.5#

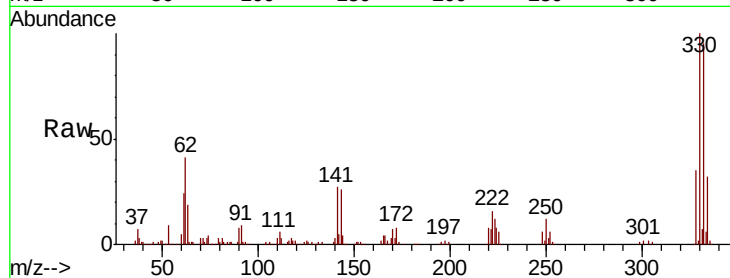




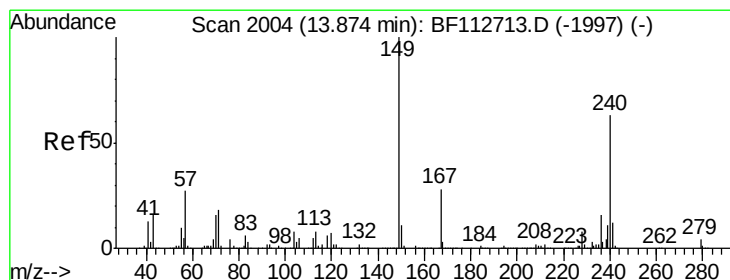
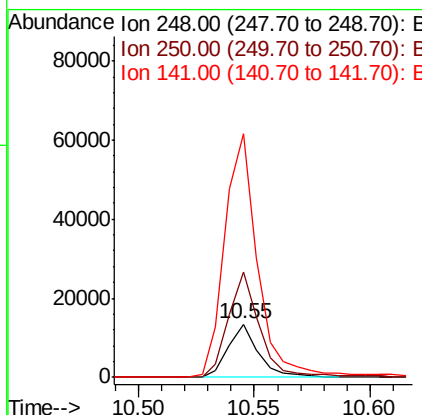
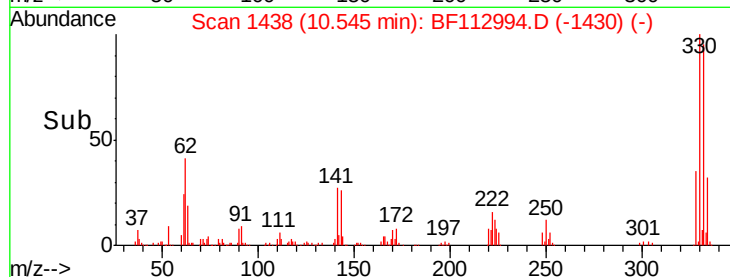
#67
4-Bromophenyl-phenylether
Concen: 2.813 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112994.D
Acq: 12 Mar 2019 9:54

Instrument :
BNA_F
ClientSampleId :
PST-027-B107-030619

Tot Ion:248 Resp: 12313
Ion Ratio Lower Upper
248 100
250 197.3 77.5 116.3#
141 458.5 62.4 93.6#

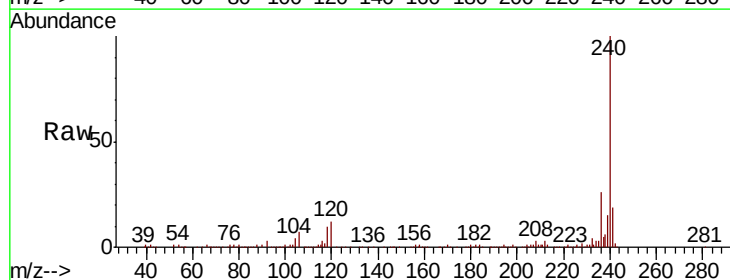


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

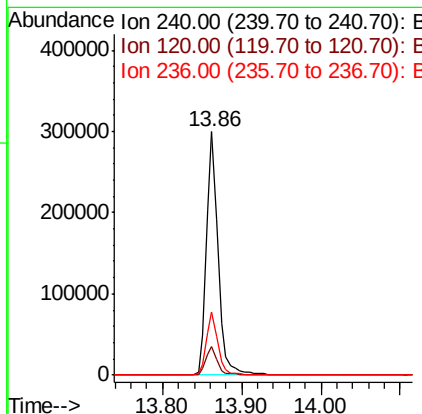
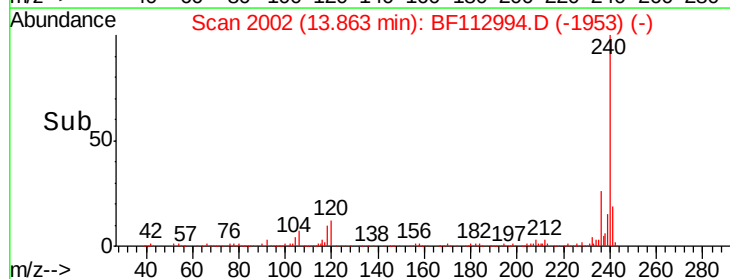


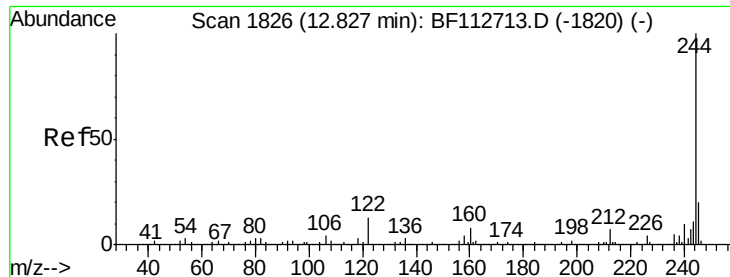
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112994.D
Acq: 12 Mar 2019 9:54

Tgt Ion:240 Resp: 310602
Ion Ratio Lower Upper
240 100
120 11.5 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: 51.616 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF112994.D

Acq: 12 Mar 2019 9:54

Instrument :

BNA_F

ClientSampleId :

PST-027-B107-030619

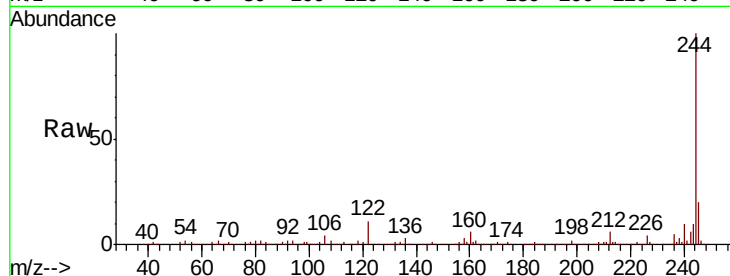
Tot Ion:244 Resp: 827030

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

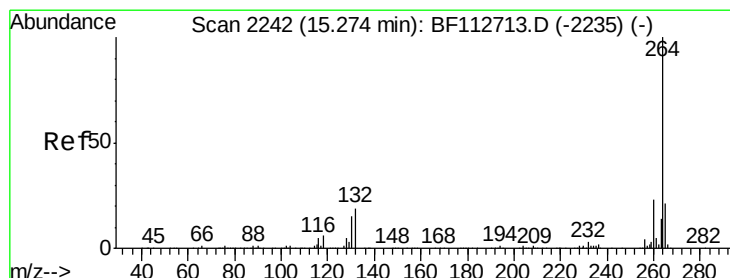
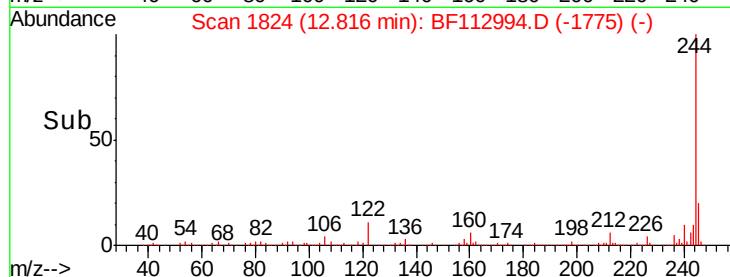
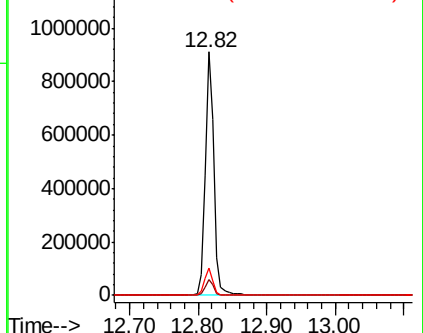
122 11.5 10.5 15.7



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# 2241

Delta R.T. -0.01 min

Lab File: BF112994.D

Acq: 12 Mar 2019 9:54

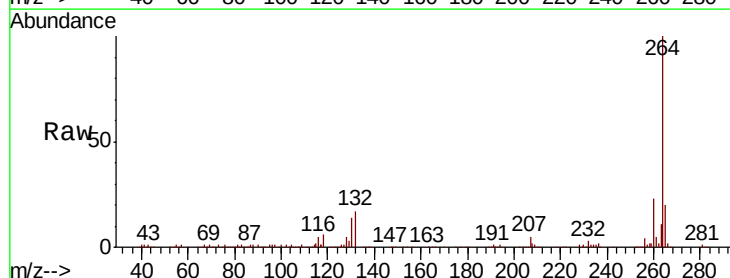
Tgt Ion:264 Resp: 247034

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 20.1 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

