

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112986.D
 Acq On : 12 Mar 2019 6:11
 Operator : JU/SJ
 Sample : K1817-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B099-030619

Quant Time: Mar 12 07:25:08 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

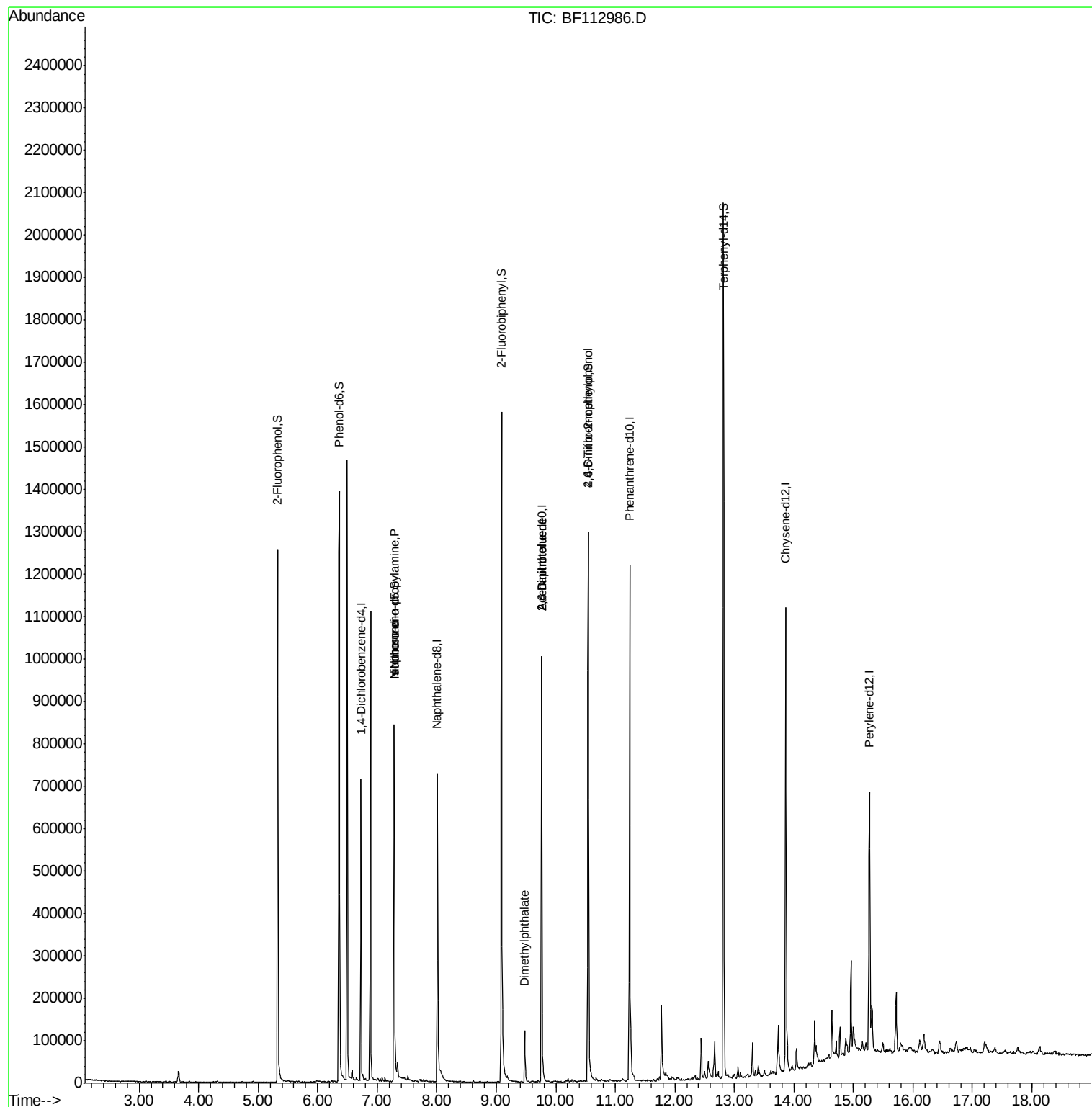
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	99105	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	399426	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	221457	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	515282	20.00	ng	0.00
76) Chrysene-d12	13.86	240	397695	20.00	ng	-0.01
87) Perylene-d12	15.27	264	311188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	367102	57.62	ng	-0.02
7) Phenol-d6	6.36	99	507222	63.38	ng	0.00
23) Nitrobenzene-d5	7.29	82	279487	41.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	191504	81.45	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	569464	36.47	ng	-0.01
79) Terphenyl-d14	12.82	244	718764	35.03	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	34693	6.845	ng	# 77
25) Isophorone	7.29	82	279482	19.435	ng	# 66
50) Dimethylphthalate	9.48	163	57405	3.515	ng	# 98
51) 2,6-Dinitrotoluene	9.76	165	27997	8.233	ng	# 17
57) 2,4-Dinitrotoluene	9.76	165	27997	6.624	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	233	4.712	ng	# 1

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

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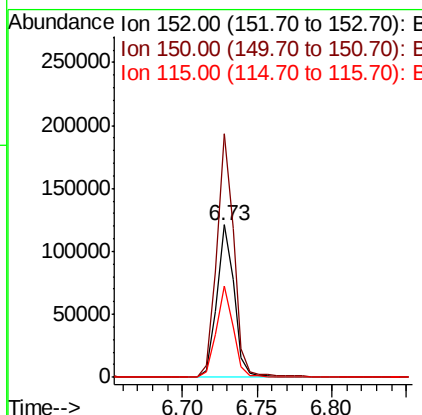
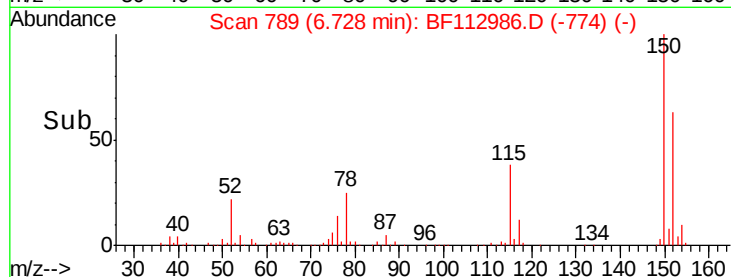
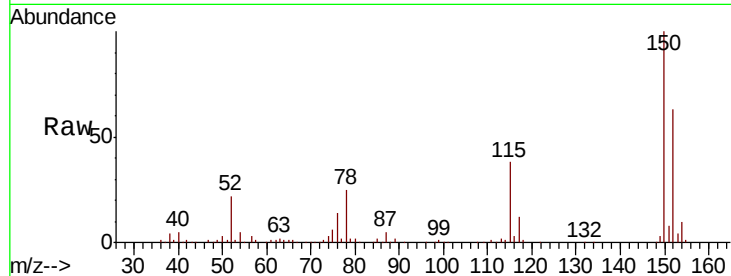


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112986.D
Acq: 12 Mar 2019 6:11

Instrument :
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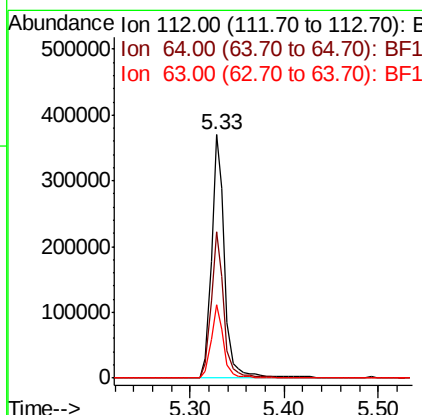
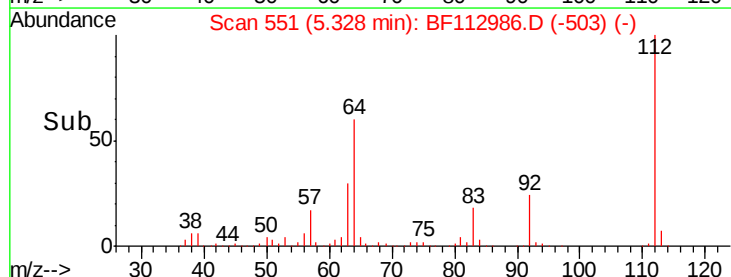
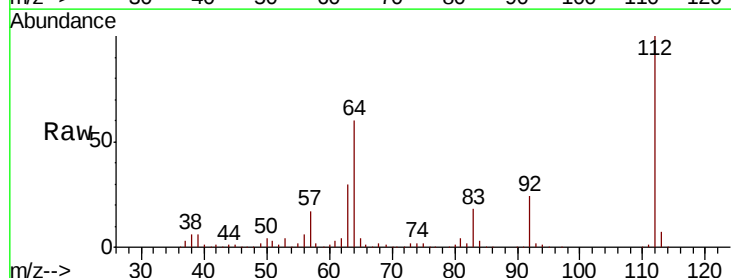
Tgt Ion:152 Resp: 99105
Ion Ratio Lower Upper
152 100
150 159.9 124.2 186.2
115 60.2 48.2 72.4

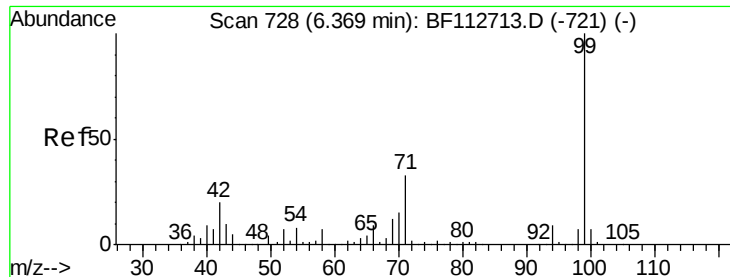


#5

2-Fluorophenol
Concen: 57.620 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF112986.D
Acq: 12 Mar 2019 6:11

Tgt Ion:112 Resp: 367102
Ion Ratio Lower Upper
112 100
64 59.9 47.6 71.4
63 30.0 24.4 36.6





#7

Phenol-d6

Concen: 63.378 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112986.D

Acq: 12 Mar 2019 6:11

Instrument :

BNA_F

ClientSampleId :

PST-028-B099-030619

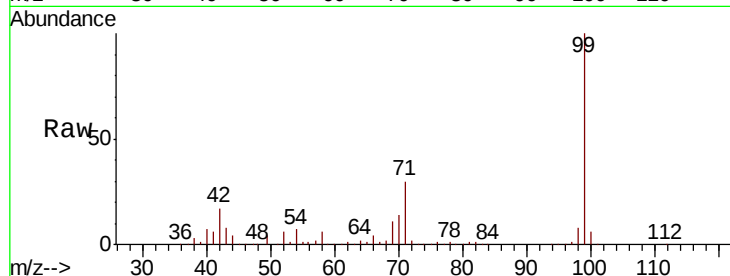
Tgt Ion: 99 Resp: 507222

Ion Ratio Lower Upper

99 100

42 16.9 16.3 24.5

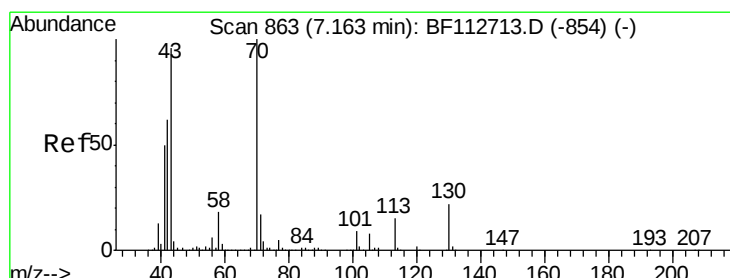
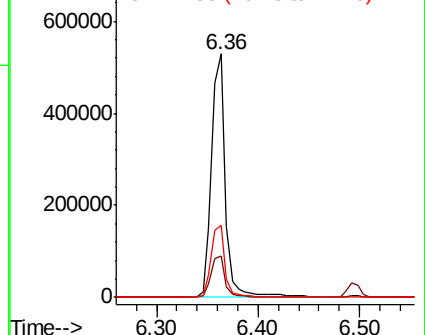
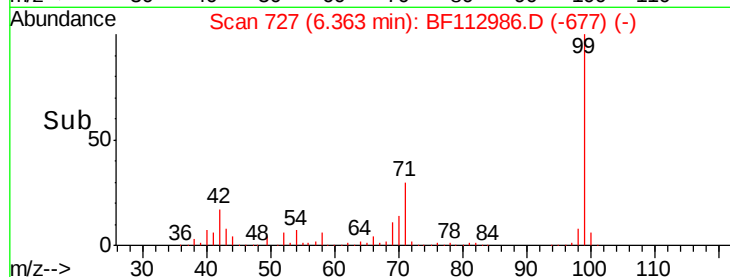
71 29.6 26.2 39.4



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: 6.845 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112986.D

Acq: 12 Mar 2019 6:11

Tgt Ion: 70 Resp: 34693

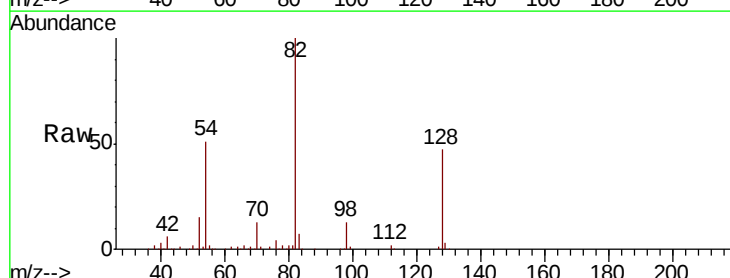
Ion Ratio Lower Upper

70 100

42 50.1 49.9 74.9

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#

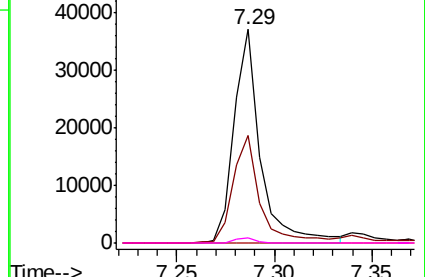
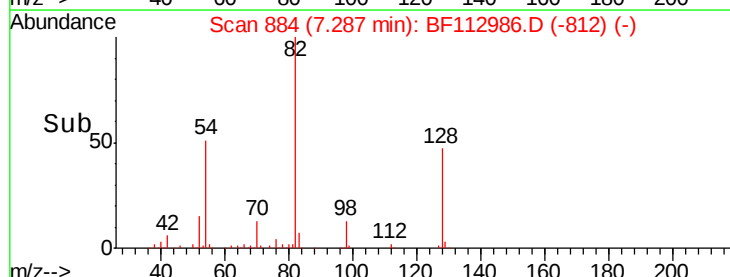


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

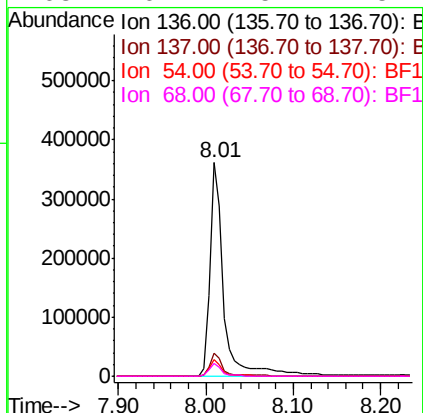
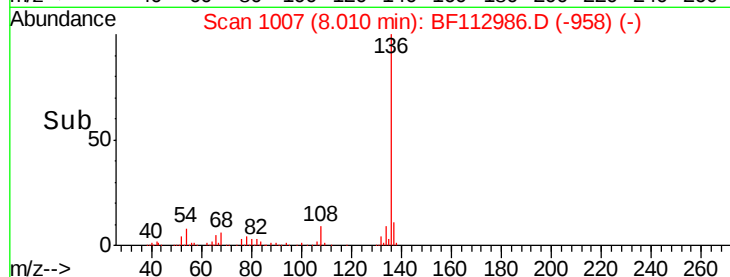
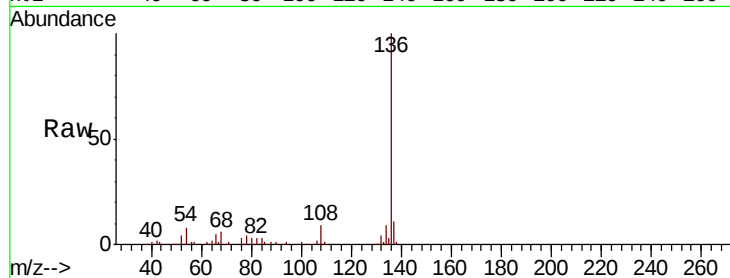




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112986.D
Acq: 12 Mar 2019 6:11

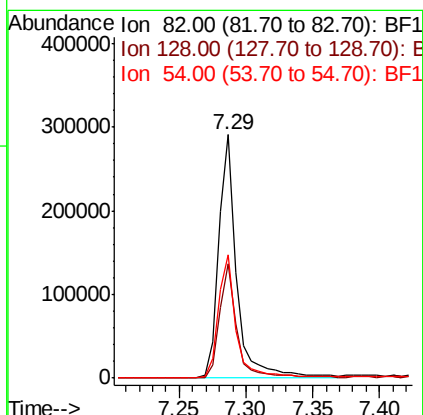
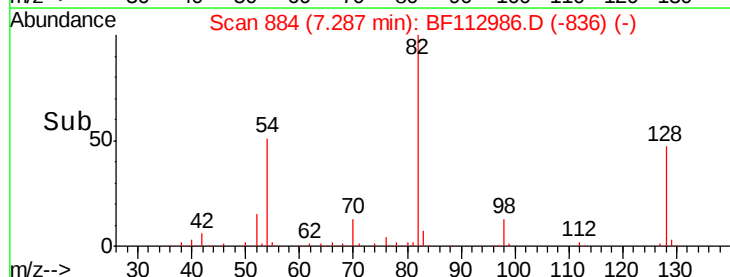
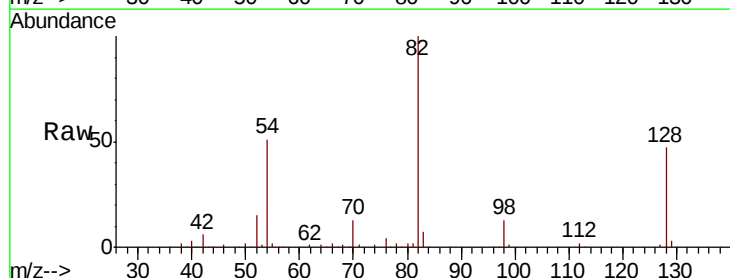
Instrument :
BNA_F
ClientSampleId :
PST-028-B099-030619

Tgt Ion:	136	Resp:	399426
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.0	7.3	10.9
68	6.2	5.4	8.2



#23
Nitrobenzene-d5
Concen: 41.870 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112986.D
Acq: 12 Mar 2019 6:11

Tgt Ion:	82	Resp:	279487
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.3	54.5
54	50.6	43.7	65.5

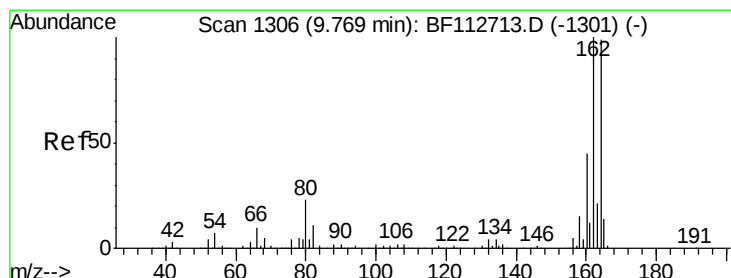
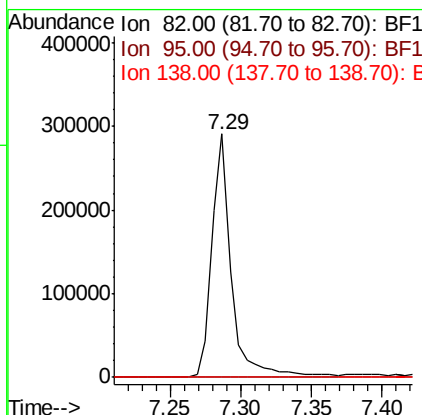
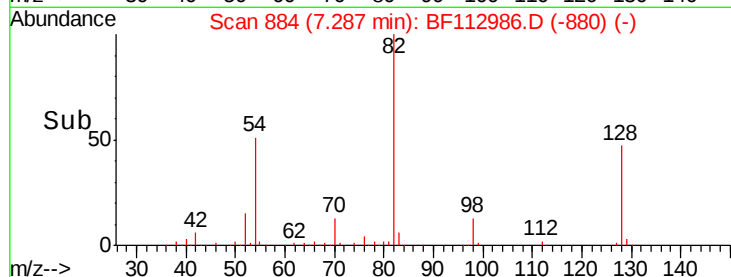
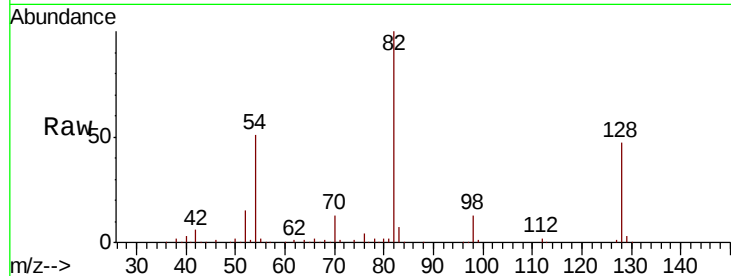




#25
Isophorone
Concen: 19.435 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112986.D
Acq: 12 Mar 2019 6:11

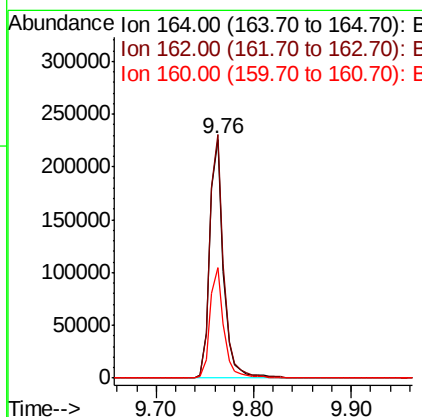
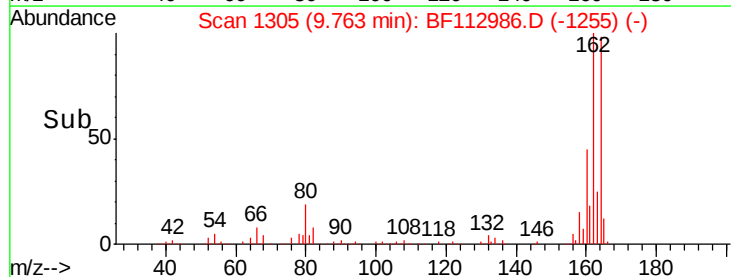
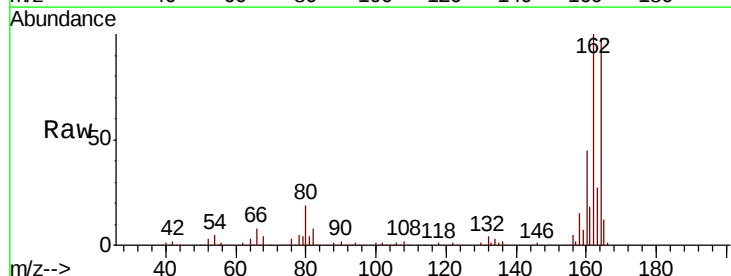
Instrument :
BNA_F
ClientSampleId :
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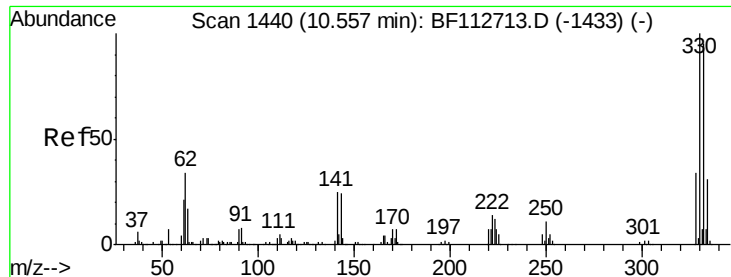
Tgt Ion: 82 Resp: 279482
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112986.D
Acq: 12 Mar 2019 6:11

Tgt Ion: 164 Resp: 221457
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 46.3 36.0 54.0

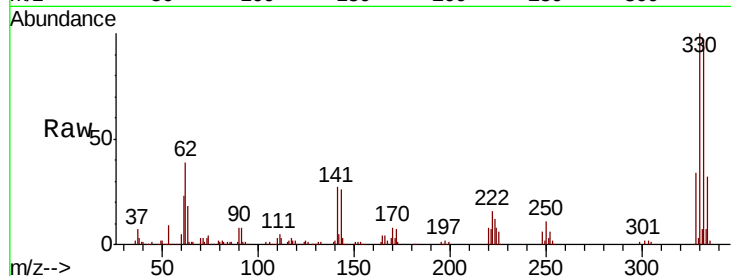




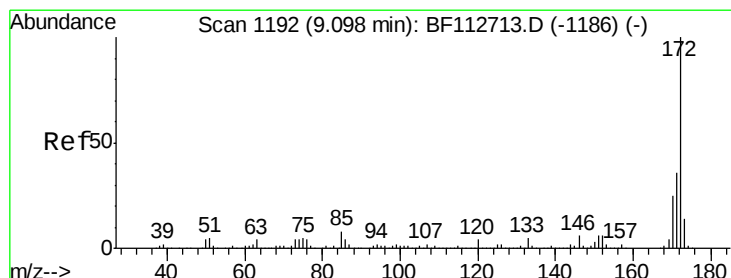
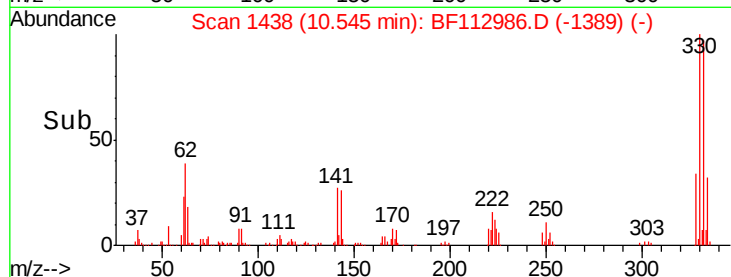
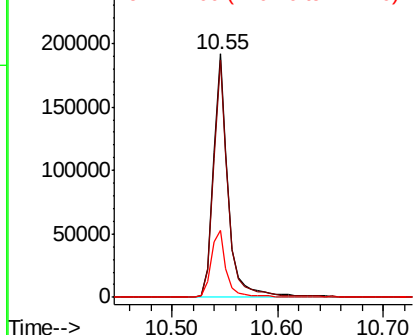
#42
 2,4,6-Tribromophenol
 Concen: 81.455 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112986.D
 Acq: 12 Mar 2019 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B099-030619

Tgt Ion:330 Resp: 191504
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.2 114.4
 141 28.4 27.0 40.6

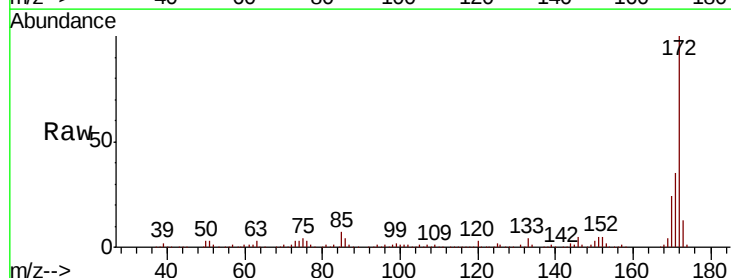


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

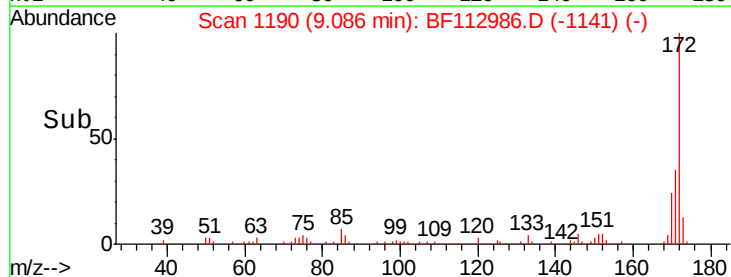
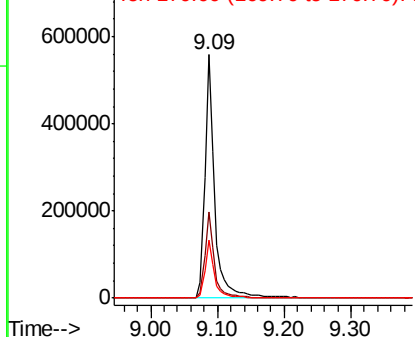


#45
 2-Fluorobiphenyl
 Concen: 36.472 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112986.D
 Acq: 12 Mar 2019 6:11

Tgt Ion:172 Resp: 569464
 Ion Ratio Lower Upper
 172 100
 171 35.3 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

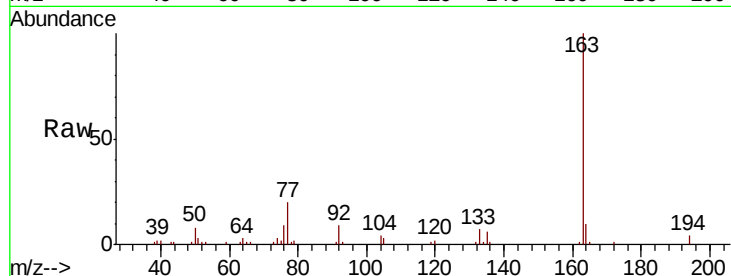




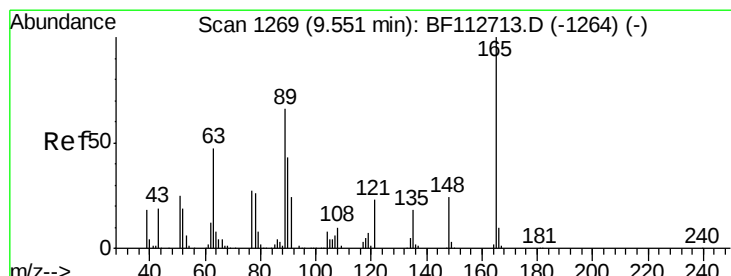
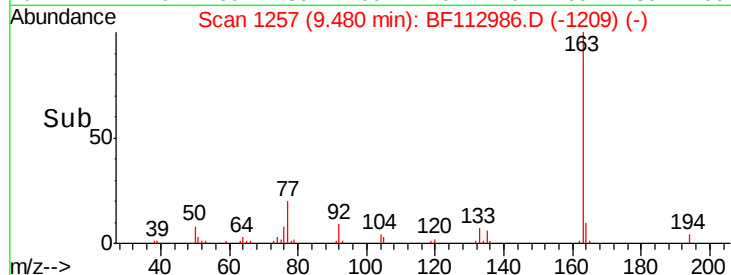
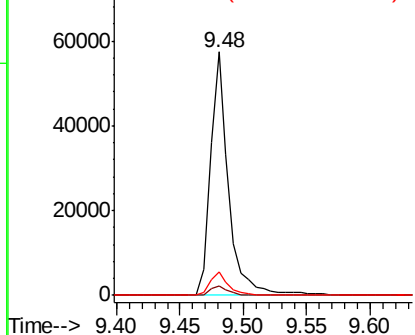
#50
Dimethylphthalate
Concen: 3.515 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112986.D
Acq: 12 Mar 2019 6:11

Instrument :
BNA_F
ClientSampleId :
PST-028-B099-030619

Tgt Ion:163 Resp: 57405
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.7 8.4 12.6

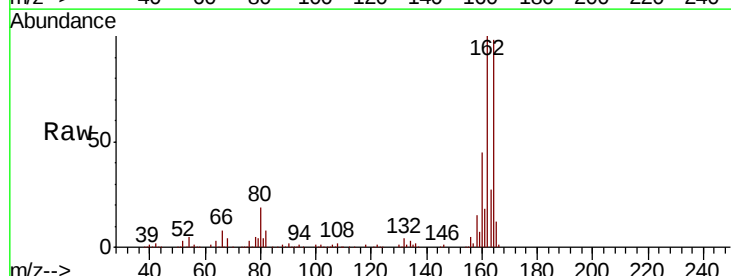


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

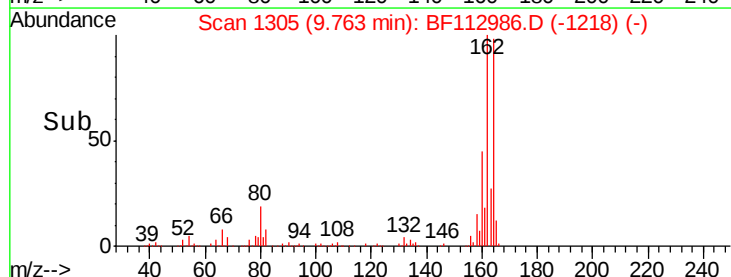
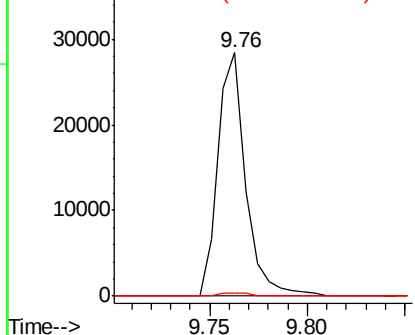


#51
2,6-Dinitrotoluene
Concen: 8.233 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112986.D
Acq: 12 Mar 2019 6:11

Tgt Ion:165 Resp: 27997
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 1.5 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

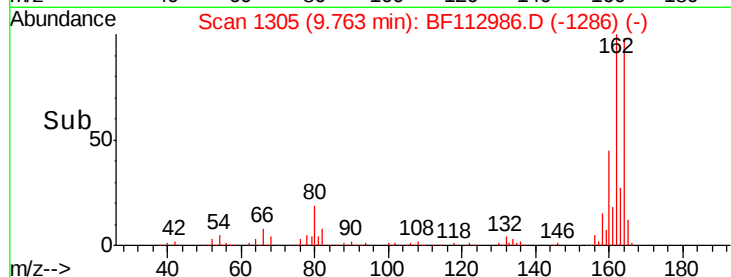
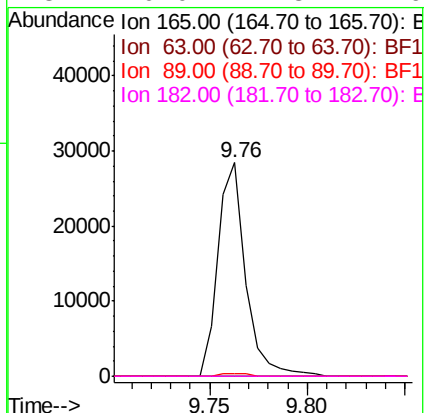
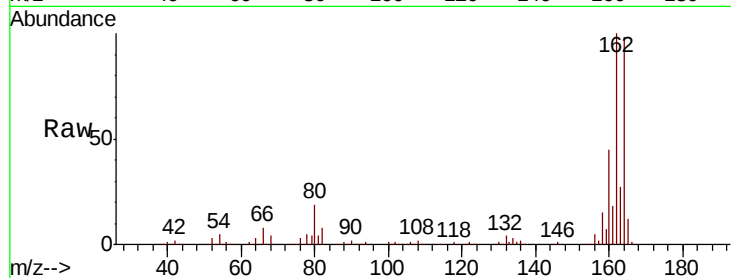




#57
2,4-Dinitrotoluene
Concen: 6.624 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112986.D
Acq: 12 Mar 2019 6:11

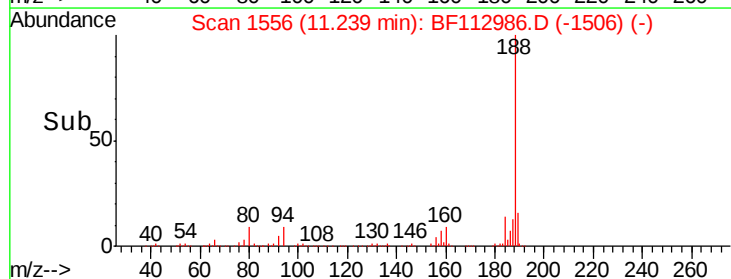
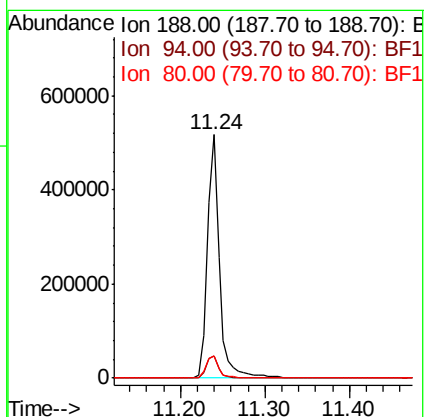
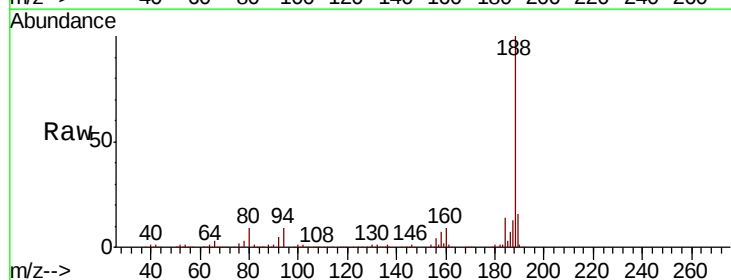
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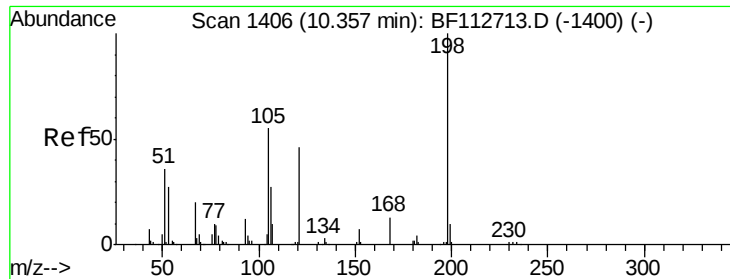
Tgt Ion:	165	Resp:	27997
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.2#
89	1.5	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112986.D
Acq: 12 Mar 2019 6:11

Tgt Ion:	188	Resp:	515282
Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.2	9.2	13.8#

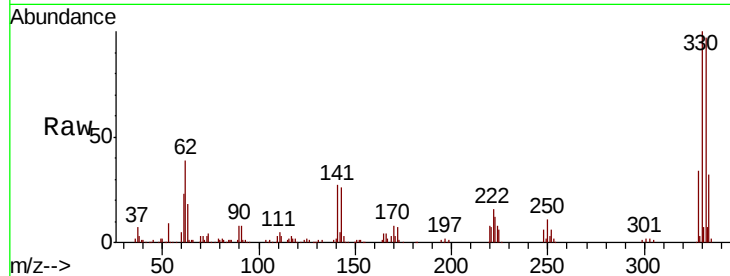




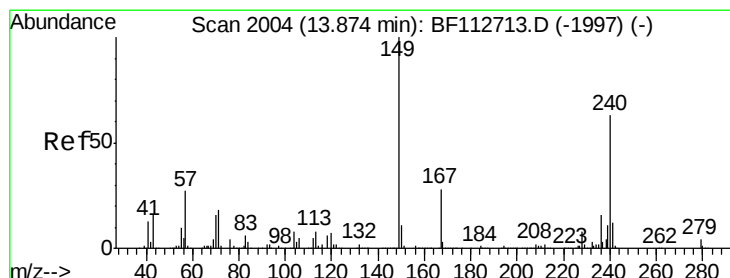
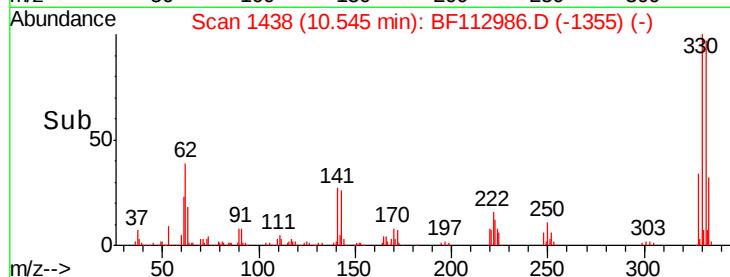
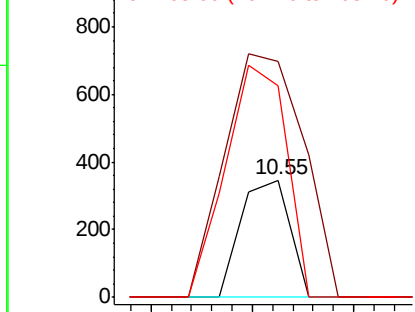
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.712 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF112986.D
 Acq: 12 Mar 2019 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B099-030619

Tgt Ion:198 Resp: 233
 Ion Ratio Lower Upper
 198 100
 51 202.0 43.8 83.8#
 105 180.6 36.5 76.5#

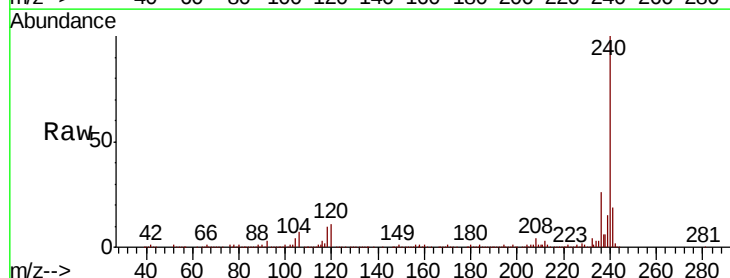


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

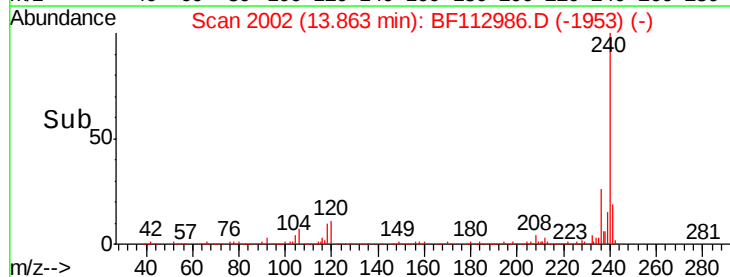
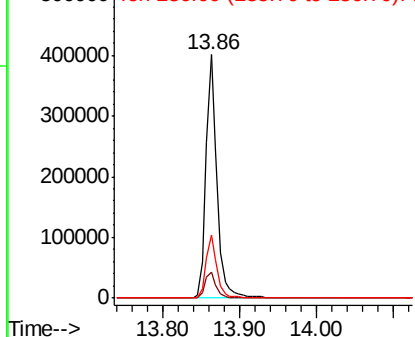


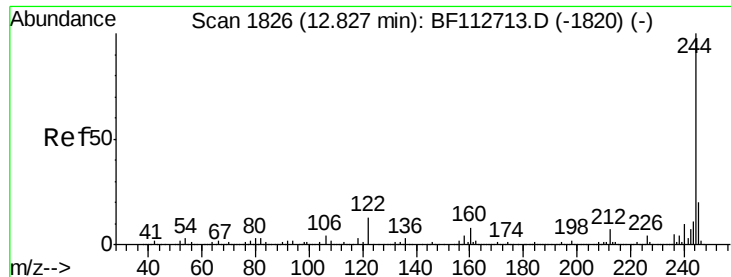
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF112986.D
 Acq: 12 Mar 2019 6:11

Tgt Ion:240 Resp: 397695
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.9 13.3
 236 25.9 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

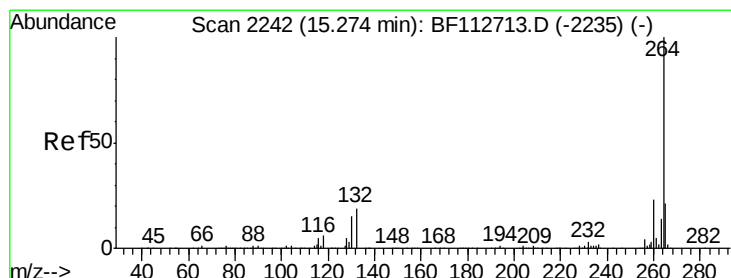
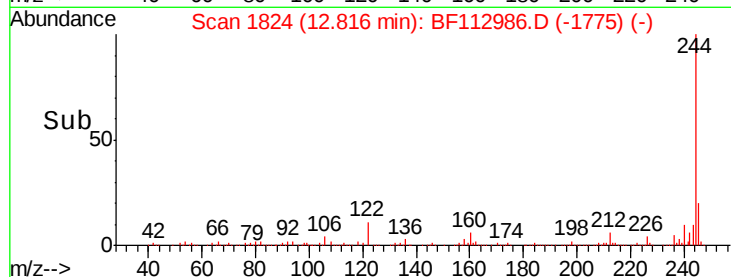
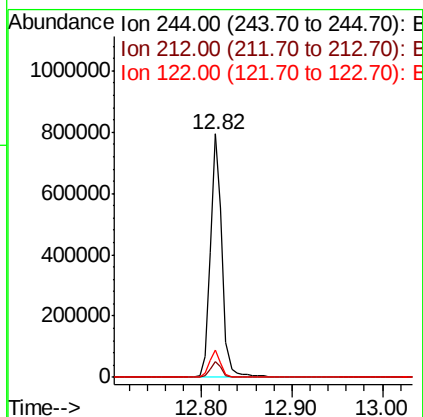
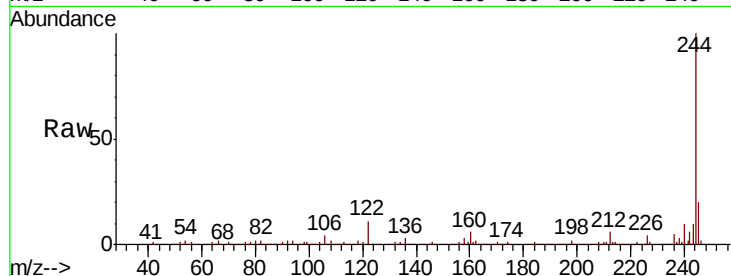




#79
 Terphenyl-d14
 Concen: 35.035 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112986.D
 Acq: 12 Mar 2019 6:11

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B099-030619

Tgt Ion: 244 Resp: 718764
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 11.3 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: BF112986.D
 Acq: 12 Mar 2019 6:11

Tgt Ion: 264 Resp: 311188
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 21.9 17.2 25.8

