

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113086.D
 Acq On : 18 Mar 2019 13:21
 Operator : JU/SJ
 Sample : K1933-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-5

Quant Time: Mar 19 04:48:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

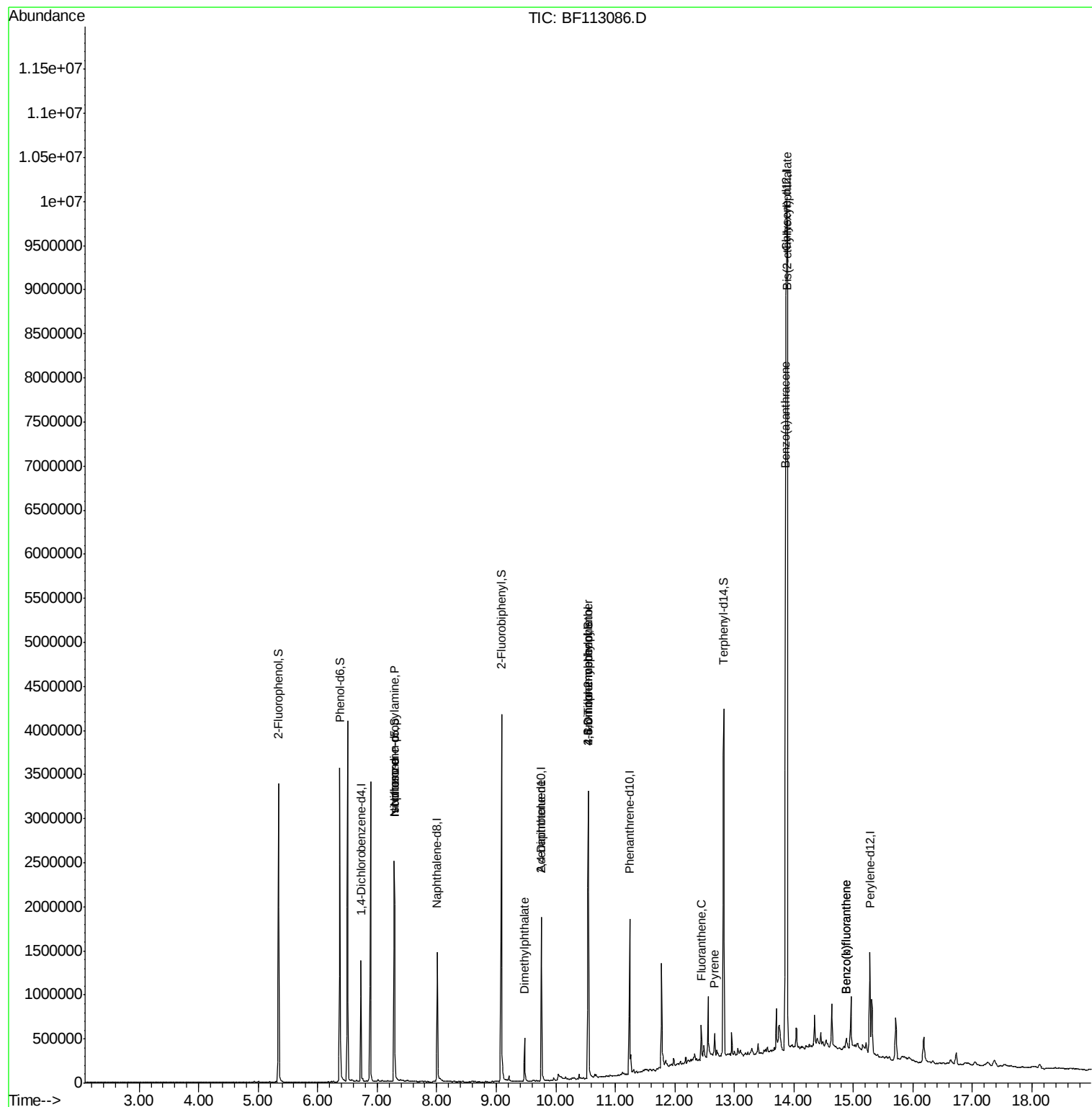
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	195061	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	741381	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	364531	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	749380	20.00	ng	0.00
76) Chrysene-d12	13.86	240	273353	20.00	ng	0.00
87) Perylene-d12	15.27	264	533086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	995460	79.38	ng	0.00
7) Phenol-d6	6.37	99	1473665	93.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	886466	71.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	473320	122.31	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1490504	63.34	ng	0.00
79) Terphenyl-d14	12.82	244	1499633	106.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	119924	12.021	ng	# 77
25) Isophorone	7.29	82	874997	32.781	ng	# 66
50) Dimethylphthalate	9.47	163	209358	7.789	ng	99
57) 2,4-Dinitrotoluene	9.76	165	48305	6.943	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	783	4.843	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	27038	3.425	ng	# 1
75) Fluoranthene	12.44	202	141340	3.538	ng	96
78) Pyrene	12.67	202	114373	4.963	ng	98
81) Benzo(a)anthracene	13.85	228	38134	2.013	ng	98
84) Bis(2-ethylhexyl)phthalate	13.89	149	6282532	526.569	ng	# 95
88) Benzo(b)fluoranthene	14.87	252	81220	2.355	ng	# 93
89) Benzo(k)fluoranthene	14.87	252	81220	2.600	ng	# 93

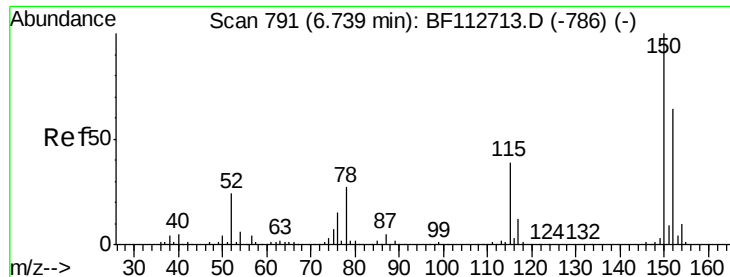
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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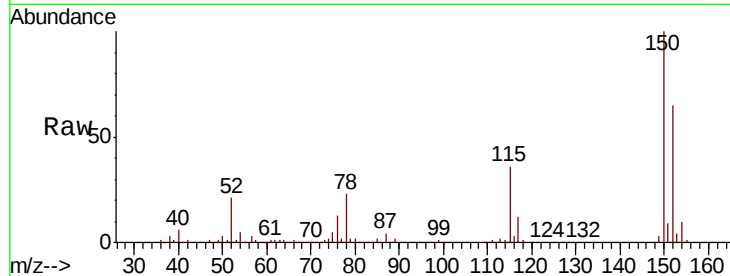


#1

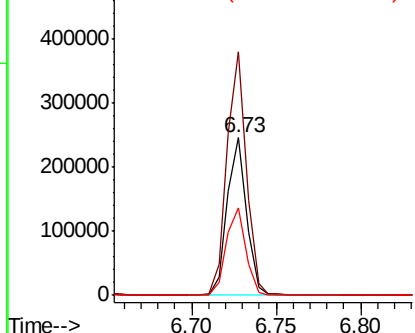
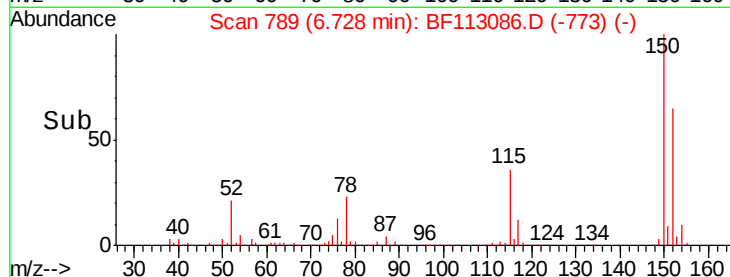
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113086.D
 Acq: 18 Mar 2019 13:21

Instrument :
 BNA_F
 ClientSampleId :
 S-5

Tgt Ion:152 Resp: 195061
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.2 186.2
 115 55.8 48.2 72.4



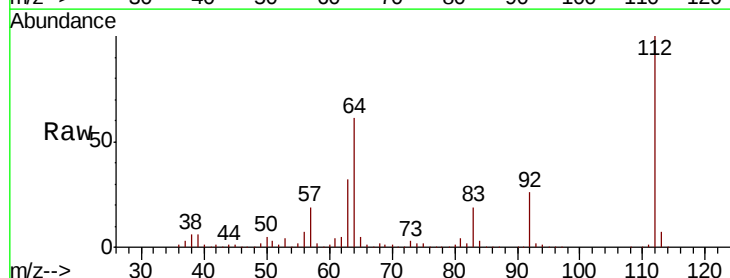
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



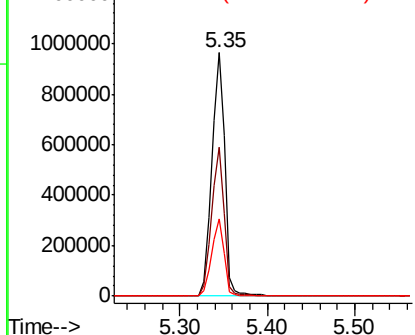
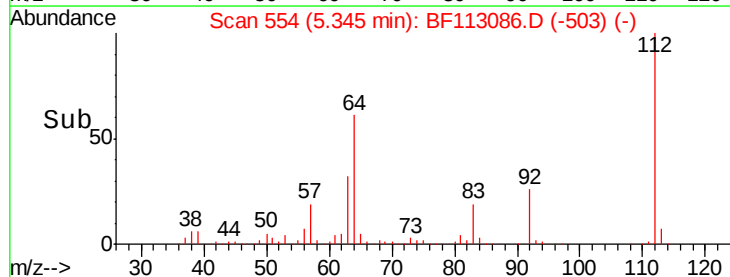
#5

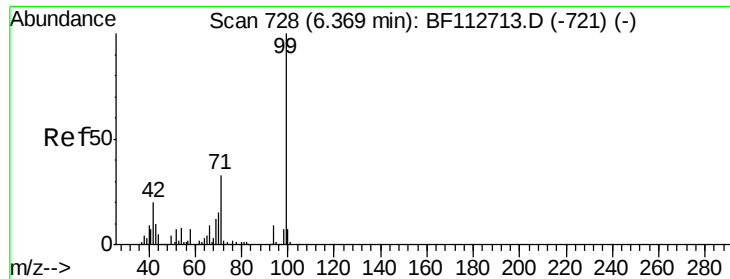
2-Fluorophenol
 Concen: 79.384 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF113086.D
 Acq: 18 Mar 2019 13:21

Tgt Ion:112 Resp: 995460
 Ion Ratio Lower Upper
 112 100
 64 61.1 47.6 71.4
 63 31.5 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: 93.554 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113086.D

Acq: 18 Mar 2019 13:21

Instrument :

BNA_F

ClientSampleId :

S-5

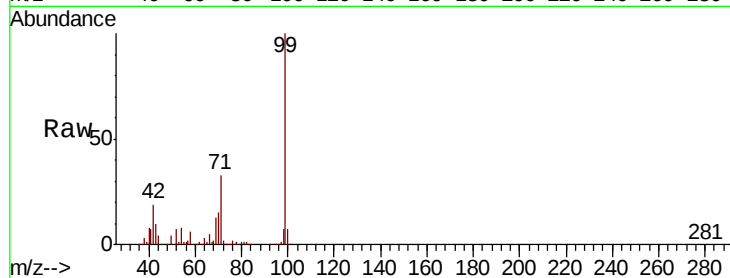
Tgt Ion: 99 Resp: 1473665

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

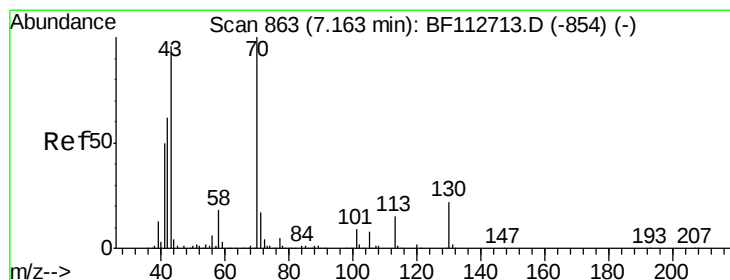
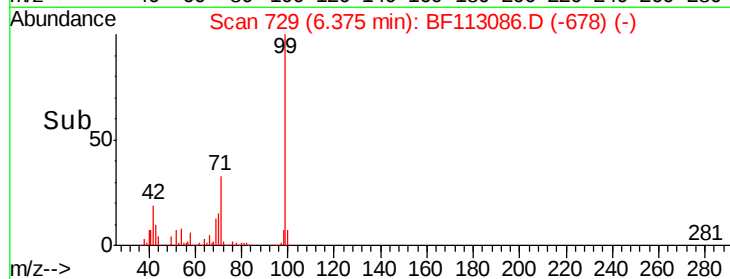
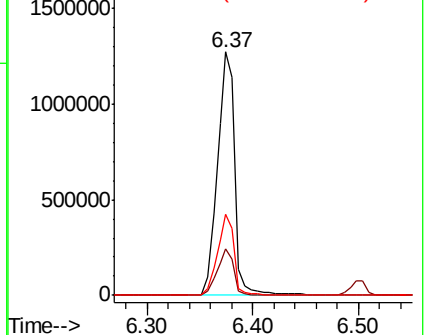
71 33.0 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.021 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.13 min

Lab File: BF113086.D

Acq: 18 Mar 2019 13:21

Tgt Ion: 70 Resp: 119924

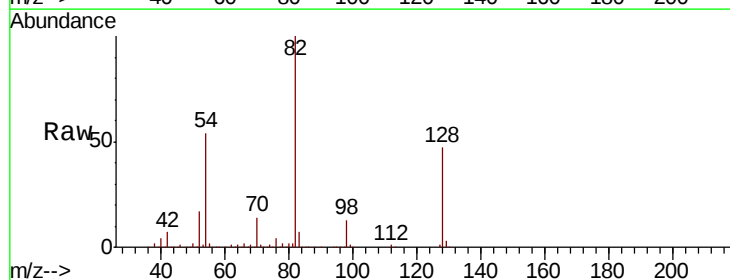
Ion Ratio Lower Upper

70 100

42 49.3 49.9 74.9#

101 0.0 7.4 11.2#

130 2.5 17.4 26.2#

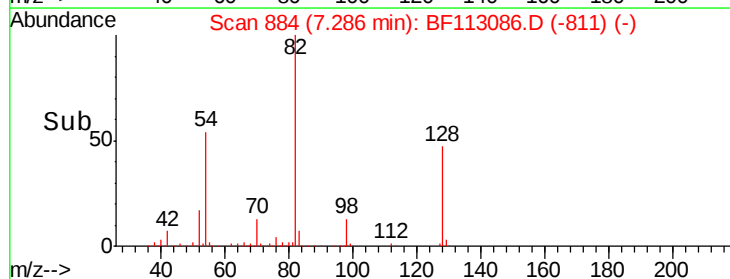
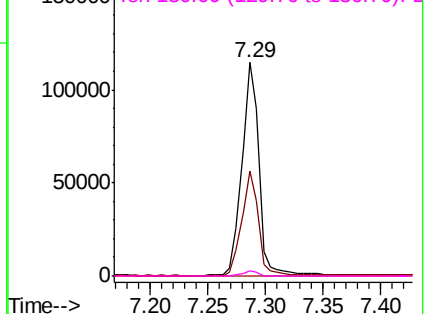


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

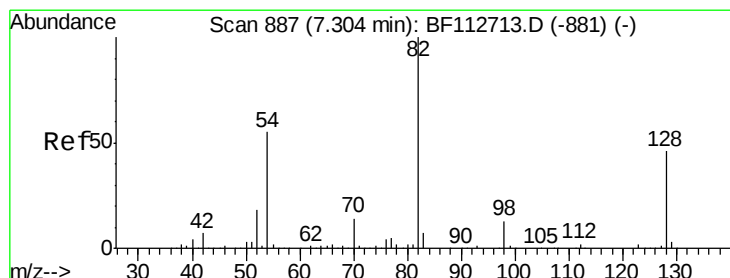
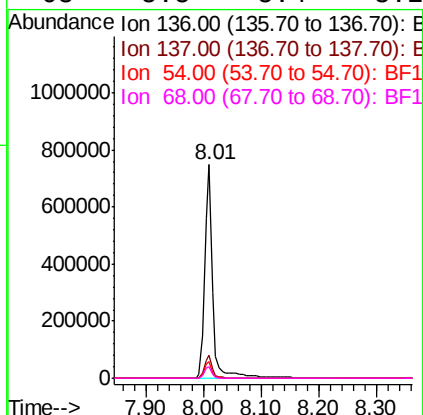
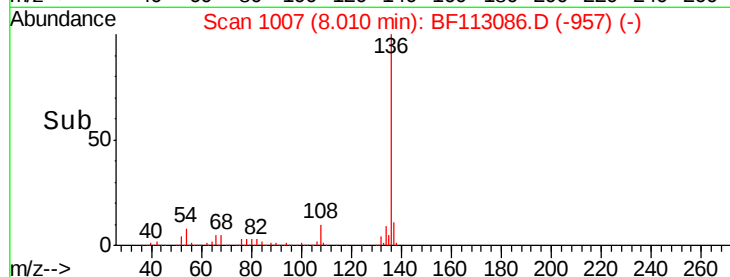
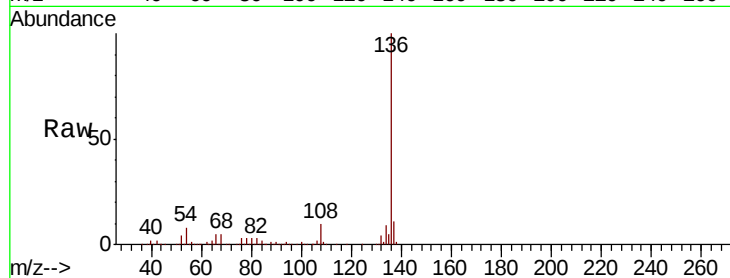




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113086.D
Acq: 18 Mar 2019 13:21

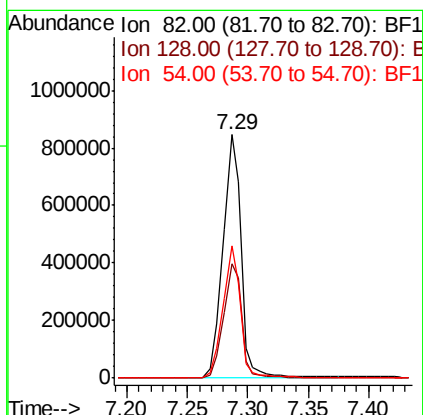
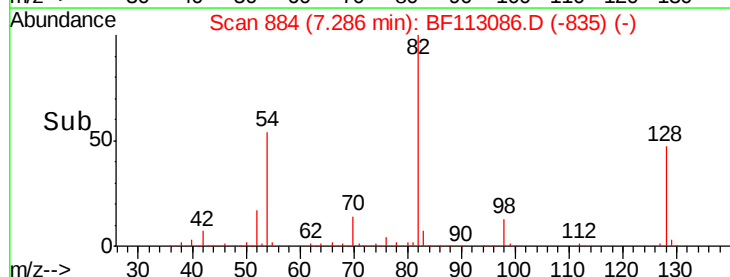
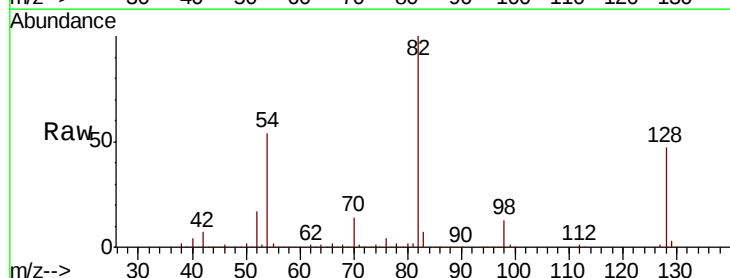
Instrument :
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S-5

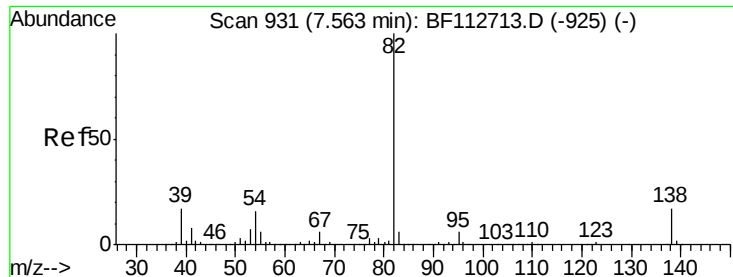
Tgt Ion:	136	Resp:	741381
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	7.3	10.9
68	5.5	5.4	8.2



#23
Nitrobenzene-d5
Concen: 71.548 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113086.D
Acq: 18 Mar 2019 13:21

Tgt Ion:	82	Resp:	886466
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.3	54.5
54	54.1	43.7	65.5

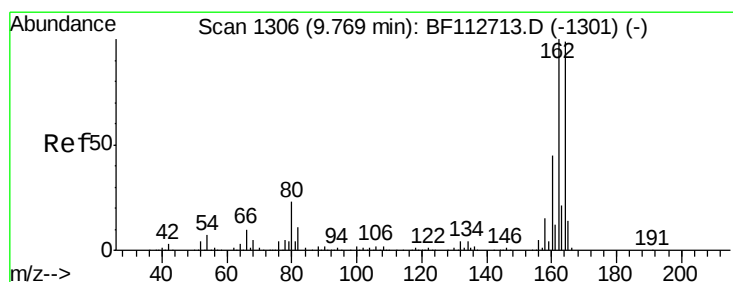
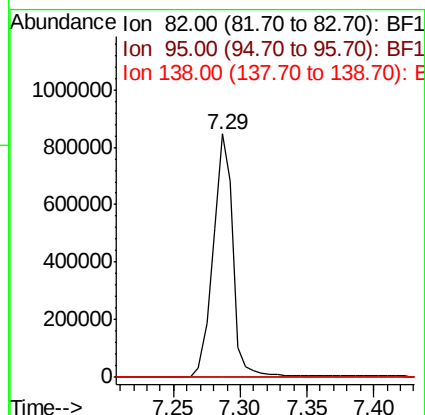
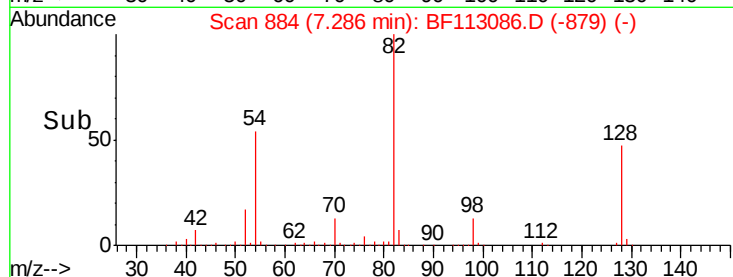
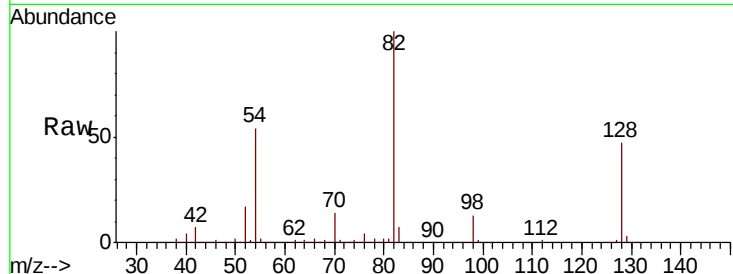




#25
Isophorone
Concen: 32.781 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113086.D
Acq: 18 Mar 2019 13:21

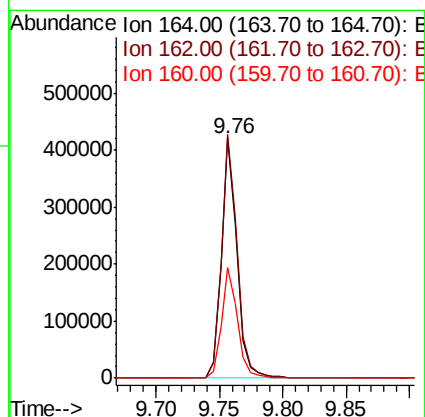
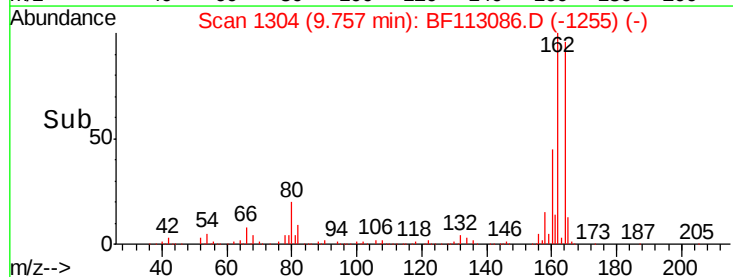
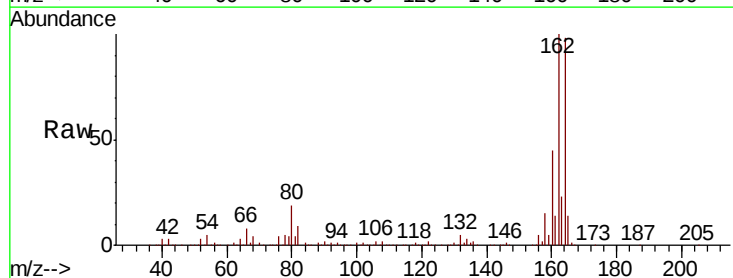
Instrument :
BNA_F
ClientSampleId :
S-5

Tgt Ion: 82 Resp: 874997
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# 1304
Delta R.T. -0.01 min
Lab File: BF113086.D
Acq: 18 Mar 2019 13:21

Tgt Ion: 164 Resp: 364531
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 46.0 36.0 54.0

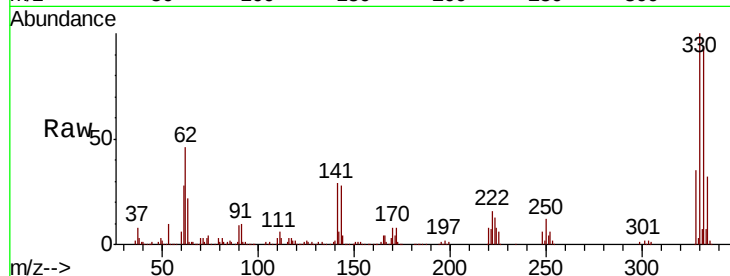




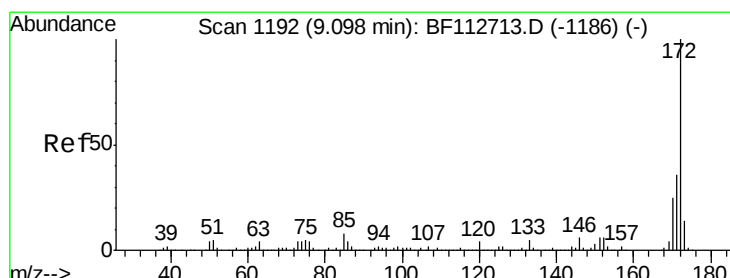
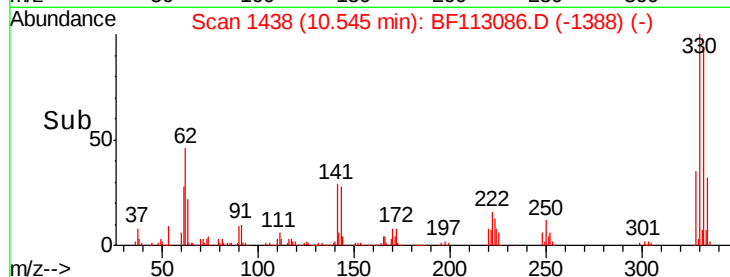
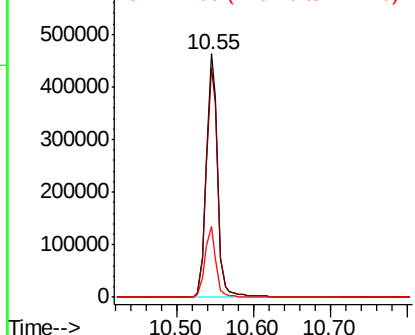
#42
 2,4,6-Tribromophenol
 Concen: 122.306 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113086.D
 Acq: 18 Mar 2019 13:21

Instrument :
 BNA_F
 ClientSampleId :
 S-5

Tgt Ion:330 Resp: 473320
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 28.5 27.0 40.6

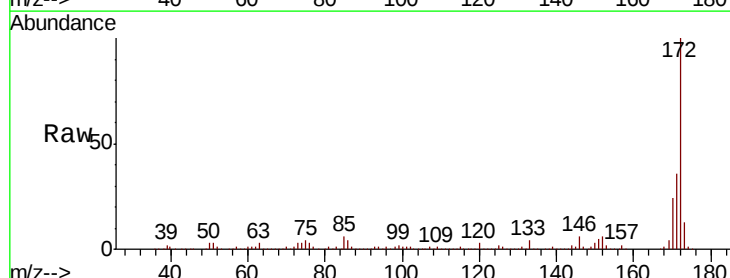


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

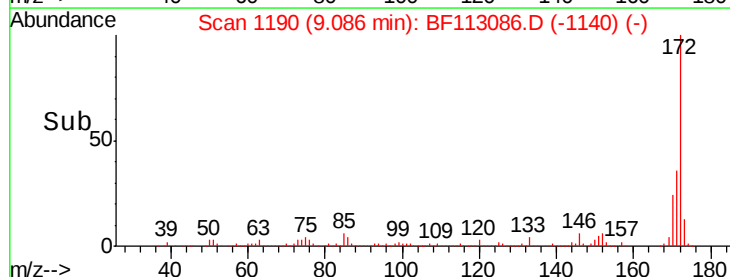
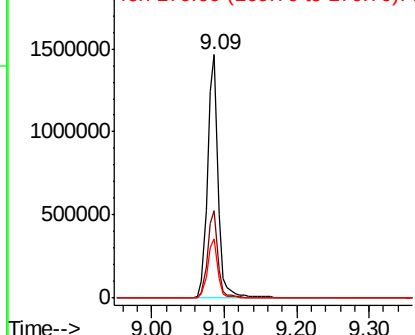


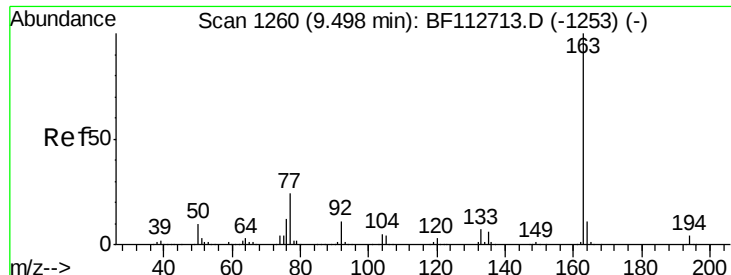
#45
 2-Fluorobiphenyl
 Concen: 63.343 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113086.D
 Acq: 18 Mar 2019 13:21

Tgt Ion:172 Resp: 1490504
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.4 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

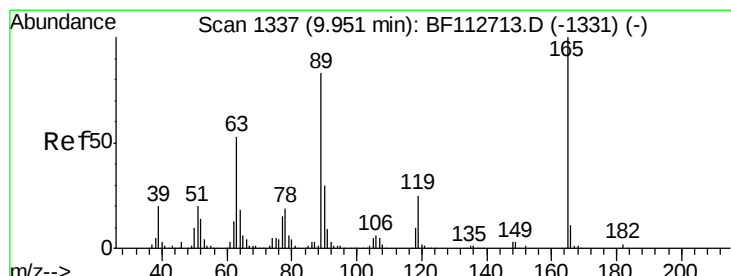
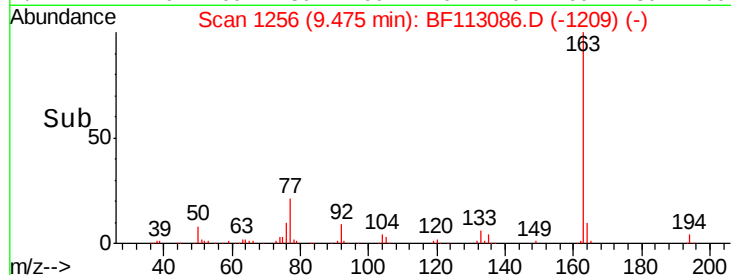
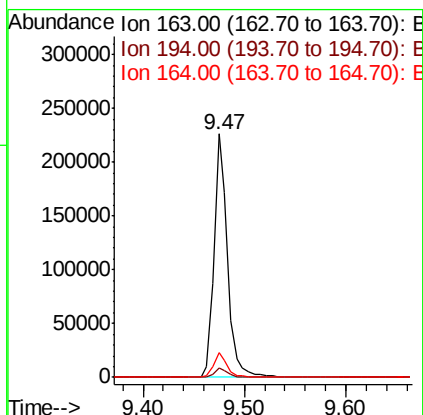
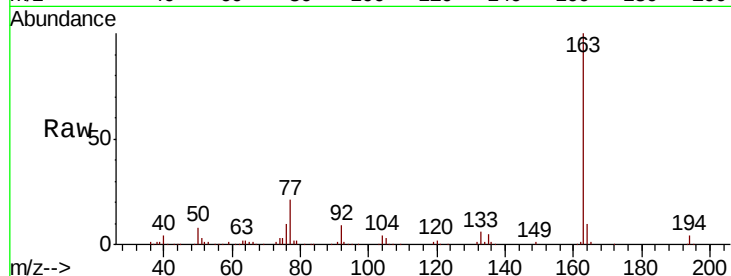




#50
Dimethylphthalate
Concen: 7.789 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113086.D
Acq: 18 Mar 2019 13:21

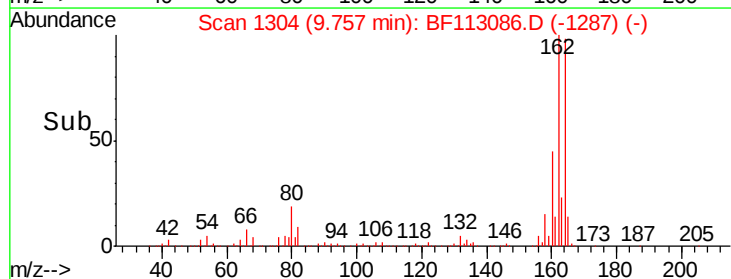
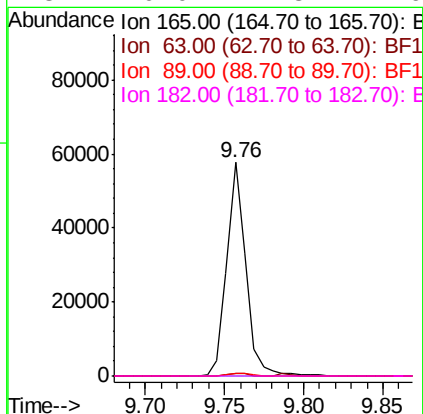
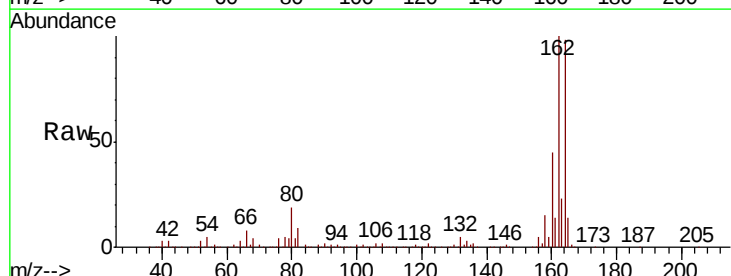
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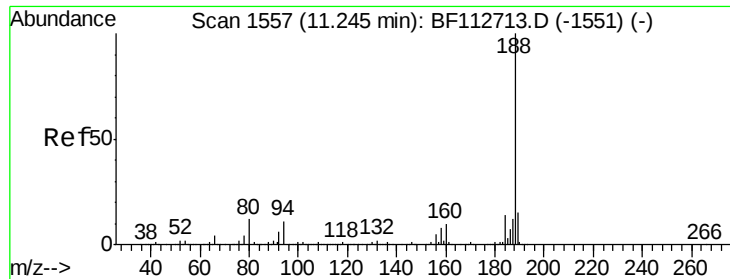
Tgt Ion:163 Resp: 209358
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.9 8.4 12.6



#57
2,4-Dinitrotoluene
Concen: 6.943 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113086.D
Acq: 18 Mar 2019 13:21

Tgt Ion:165 Resp: 48305
Ion Ratio Lower Upper
165 100
63 1.0 42.2 63.2#
89 1.1 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: BF113086.D

Acq: 18 Mar 2019 13:21

Instrument :

BNA_F

ClientSampleId :

S-5

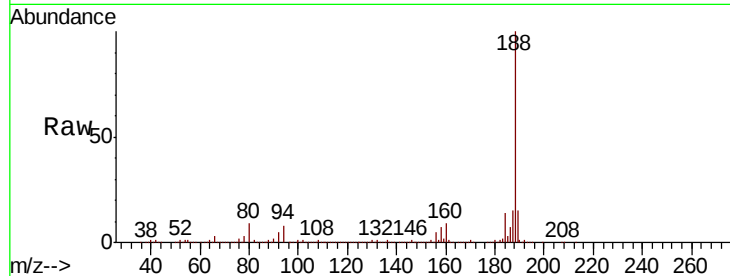
Tgt Ion:188 Resp: 749380

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.4#

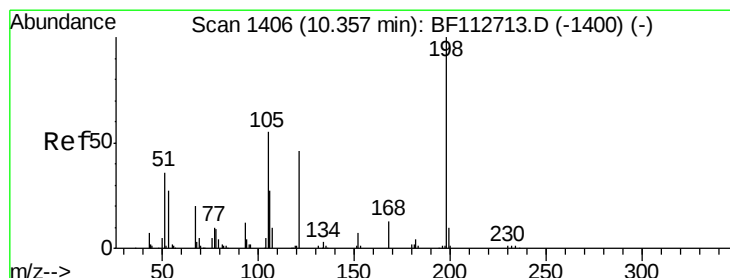
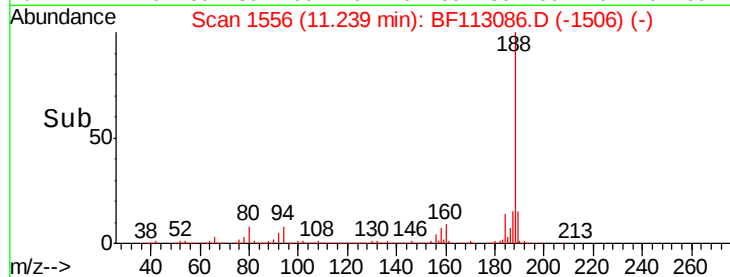
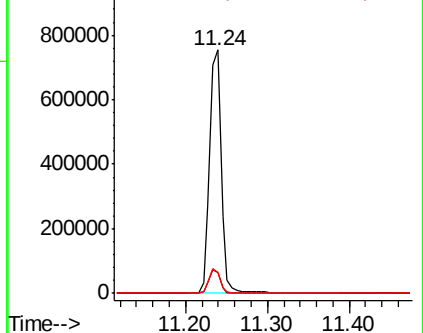
80 8.5 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 4.843 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF113086.D

Acq: 18 Mar 2019 13:21

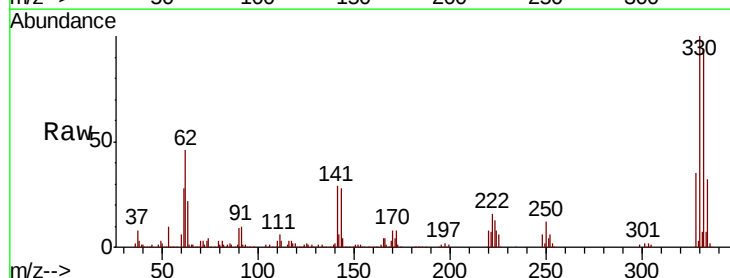
Tgt Ion:198 Resp: 783

Ion Ratio Lower Upper

198 100

51 223.9 43.8 83.8#

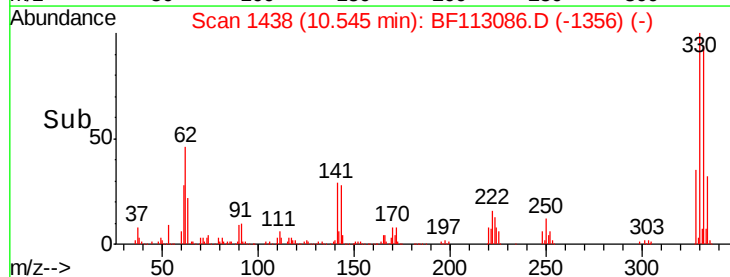
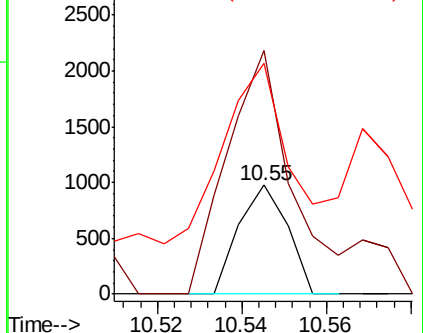
105 212.5 36.5 76.5#

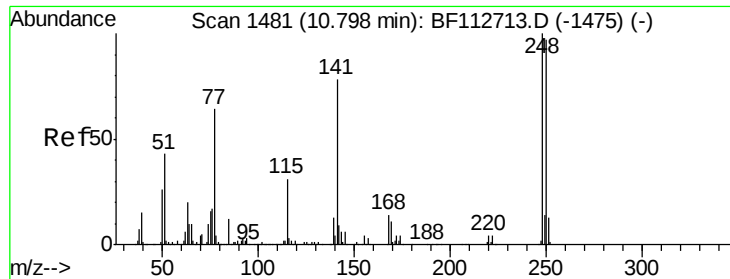


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

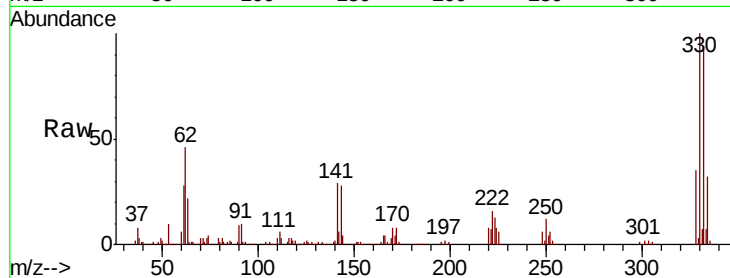




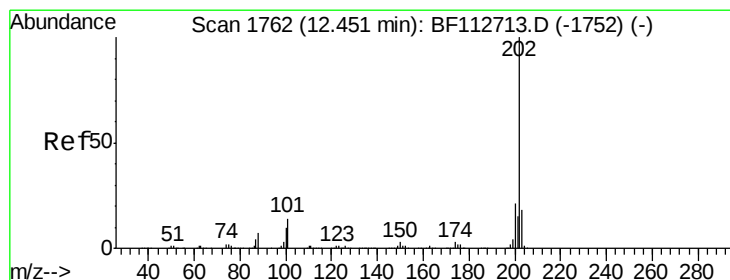
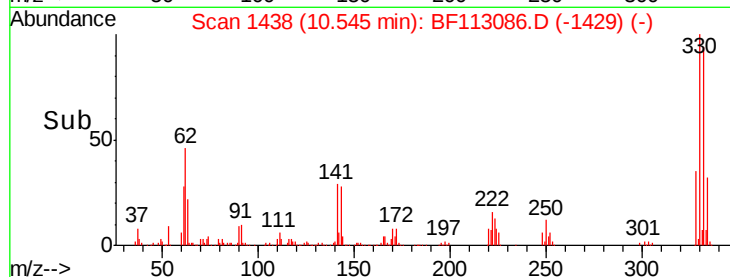
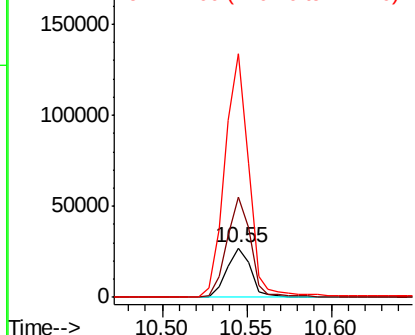
#67
 4-Bromophenyl-phenylether
 Concen: 3.425 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF113086.D
 Acq: 18 Mar 2019 13:21

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:248 Resp: 27038
 Ion Ratio Lower Upper
 248 100
 250 203.5 77.5 116.3#
 141 492.7 62.4 93.6#

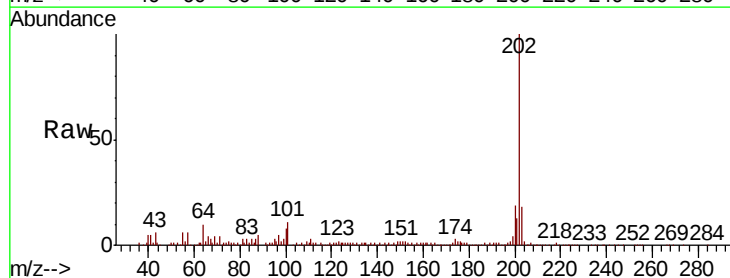


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

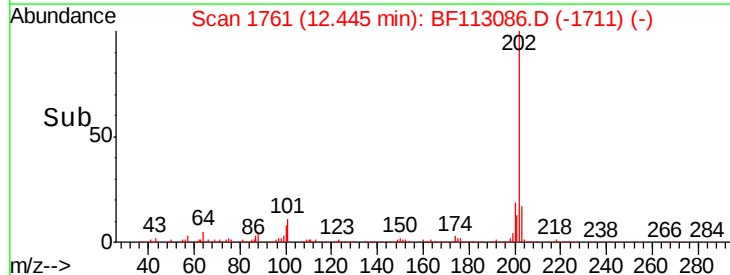
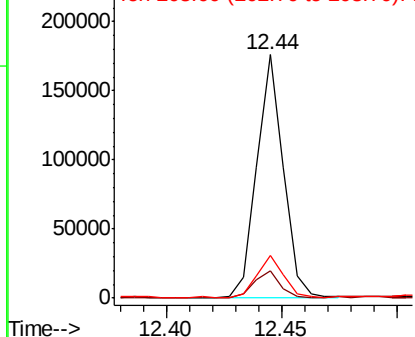


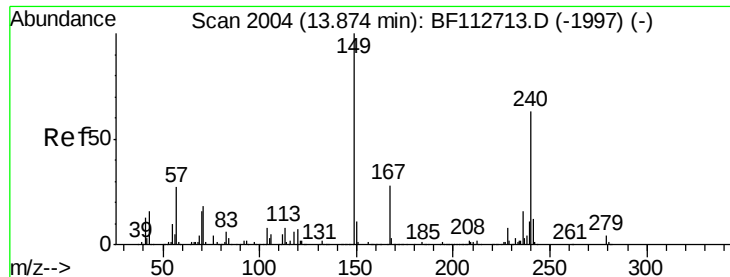
#75
 Fluoranthene
 Concen: 3.538 ng
 RT: 12.44 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF113086.D
 Acq: 18 Mar 2019 13:21

Tgt Ion:202 Resp: 141340
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 33.8
 203 17.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

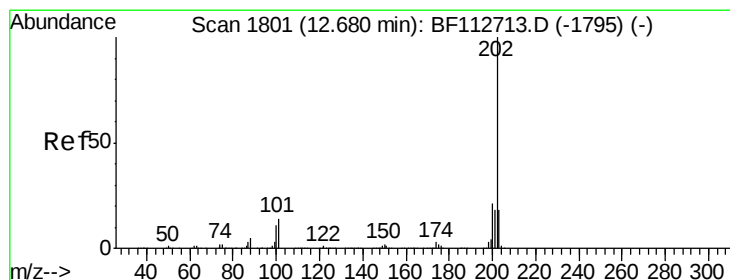
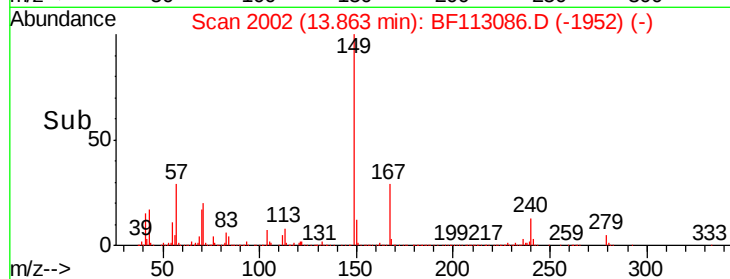
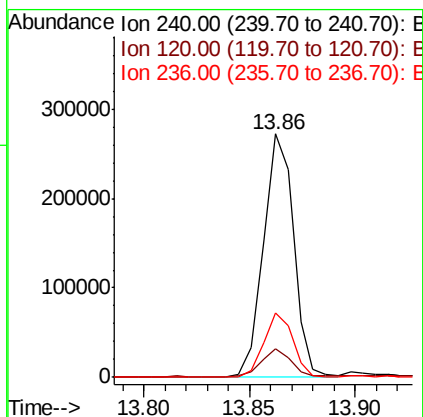
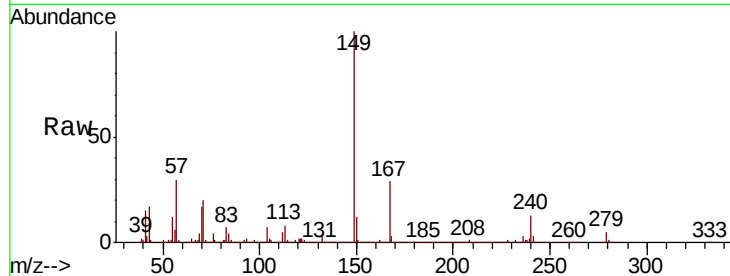




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113086.D
Acq: 18 Mar 2019 13:21

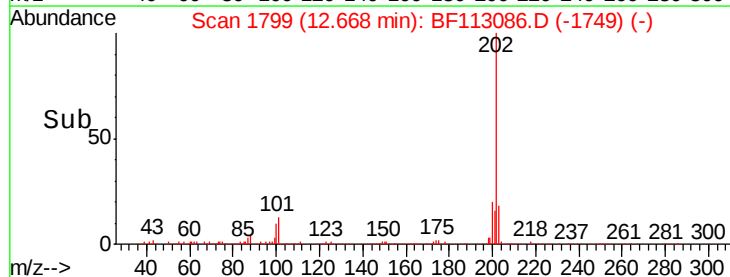
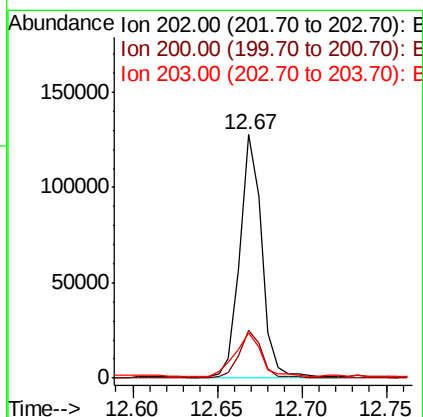
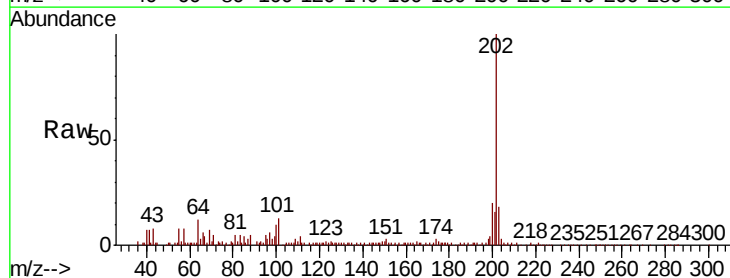
Instrument :
BNA_F
ClientSampleId :
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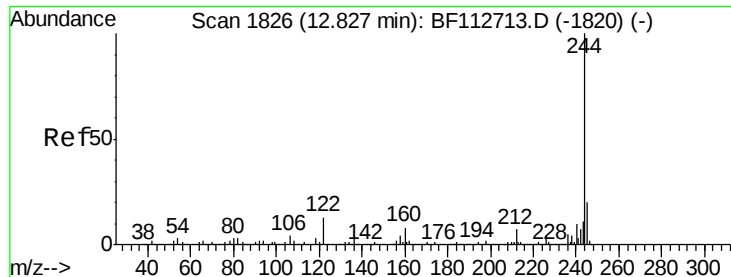
Tgt Ion:240 Resp: 273353
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 26.3 20.7 31.1



#78
Pyrene
Concen: 4.963 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113086.D
Acq: 18 Mar 2019 13:21

Tgt Ion:202 Resp: 114373
Ion Ratio Lower Upper
202 100
200 19.7 17.0 25.4
203 18.4 14.4 21.6

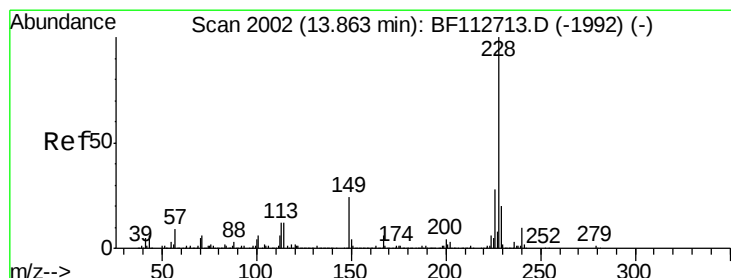
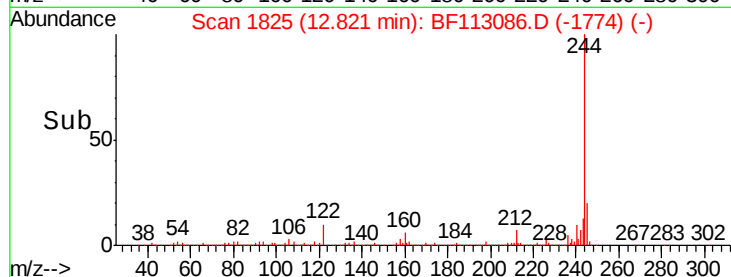
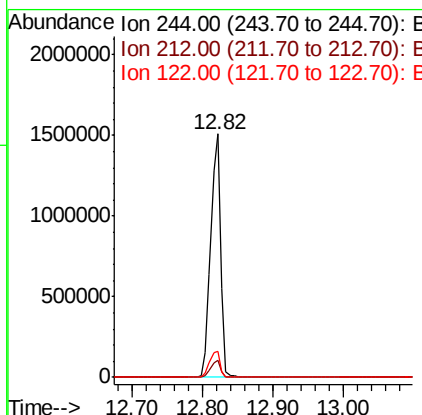
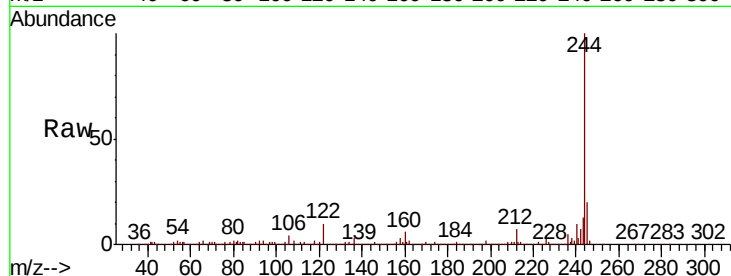




#79
 Terphenyl-d14
 Concen: 106.347 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113086.D
 Acq: 18 Mar 2019 13:21

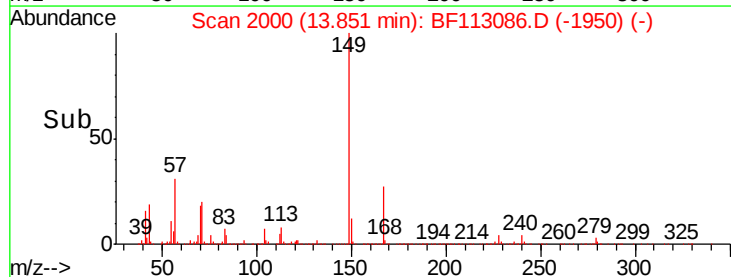
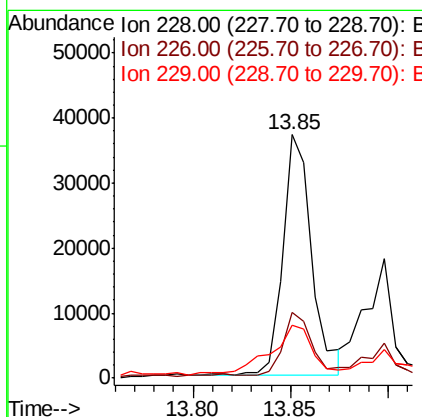
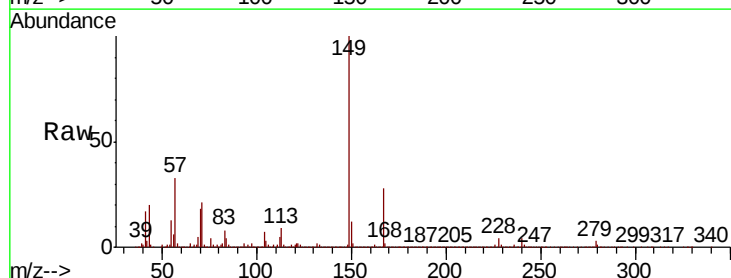
Instrument :
 BNA_F
 ClientSampleId :
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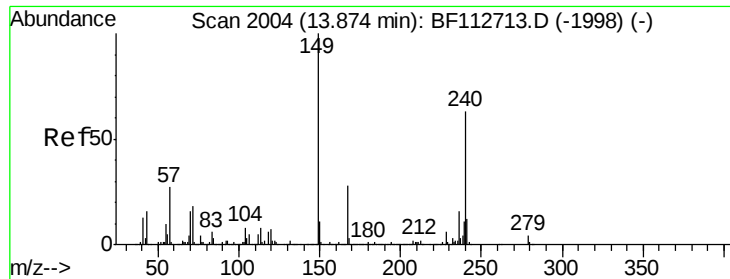
Tgt Ion:244 Resp: 1499633
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.5 10.5 15.7#



#81
 Benzo(a)anthracene
 Concen: 2.013 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF113086.D
 Acq: 18 Mar 2019 13:21

Tgt Ion:228 Resp: 38134
 Ion Ratio Lower Upper
 228 100
 226 27.1 22.2 33.4
 229 21.5 16.0 24.0

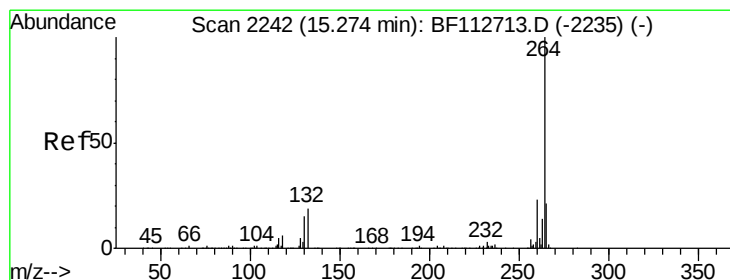
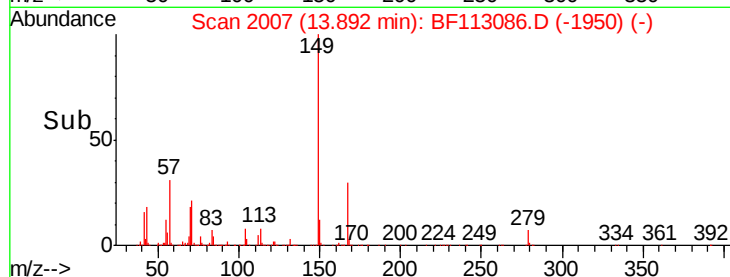
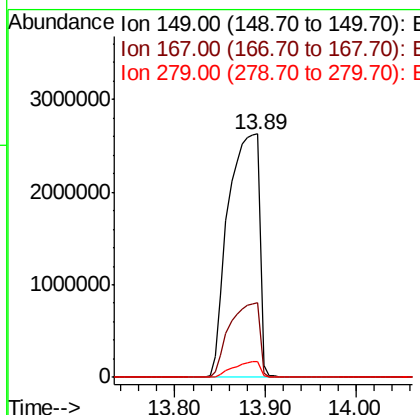
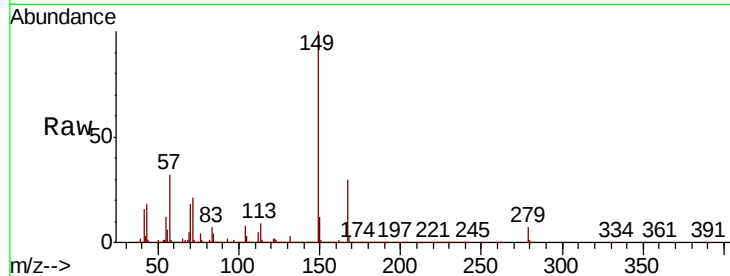




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 526.569 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.04 min
 Lab File: BF113086.D
 Acq: 18 Mar 2019 13:21

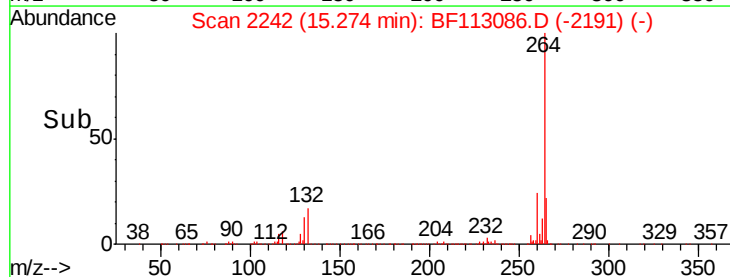
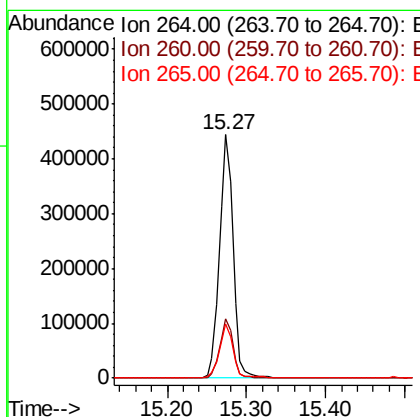
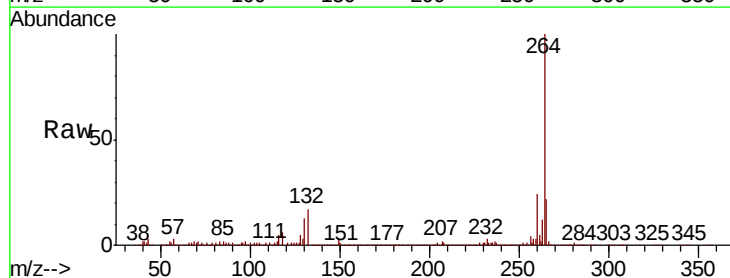
Instrument :
 BNA_F
 ClientSampleId :
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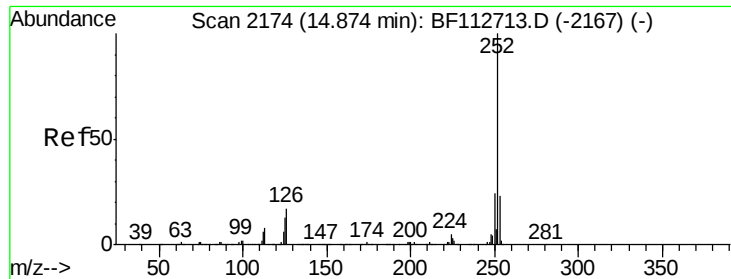
Tgt Ion:149 Resp: 6282532
 Ion Ratio Lower Upper
 149 100
 167 30.5 22.4 33.6
 279 6.6 3.3 4.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF113086.D
 Acq: 18 Mar 2019 13:21

Tgt Ion:264 Resp: 533086
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 22.1 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.355 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF113086.D

Acq: 18 Mar 2019 13:21

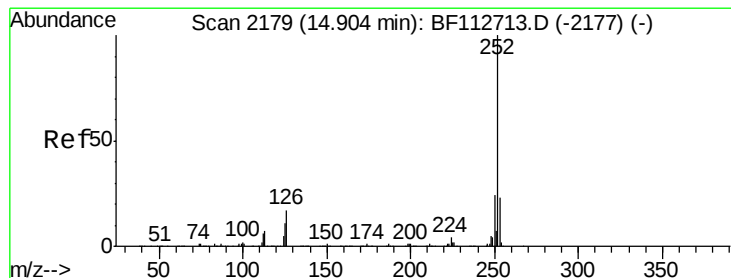
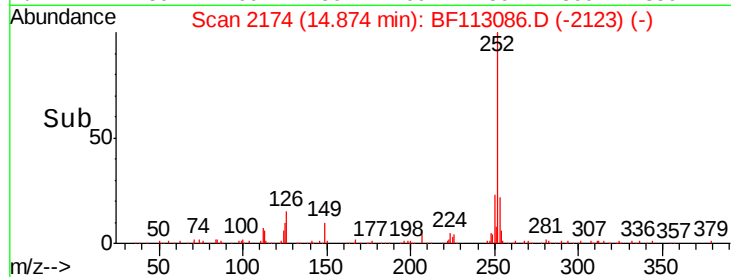
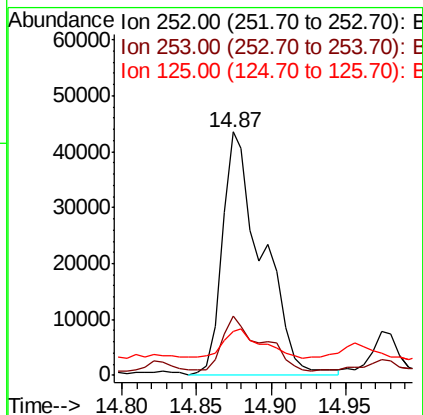
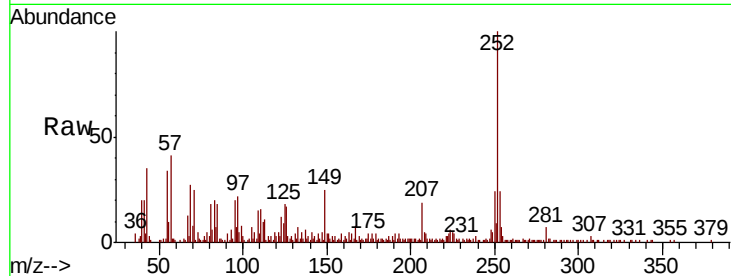
Instrument :

BNA_F

ClientSampled :

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Tgt Ion:	252	Resp:	81220
Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	18.2	10.2	15.2#



#89

Benzo(k)fluoranthene

Concen: 2.600 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.03 min

Lab File: BF113086.D

Acq: 18 Mar 2019 13:21

Tgt Ion:	252	Resp:	81220
Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	18.2	9.8	14.6#

