

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104848.D
 Acq On : 26 Apr 2018 20:13
 Operator : JU/SJ
 Sample : J2158-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 07:38:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

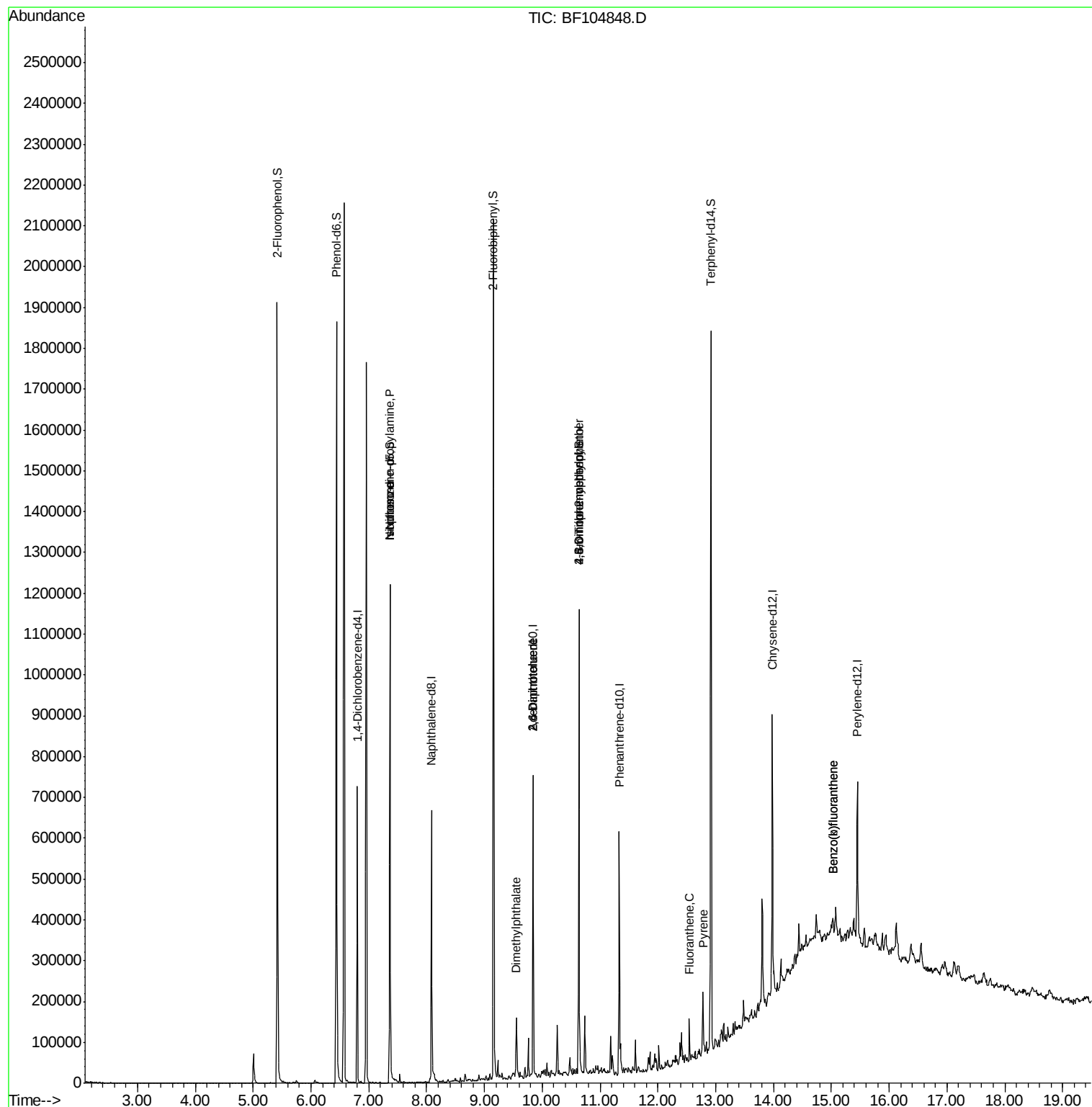
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97559	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	367783	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	138337	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	235920	20.00	ng	0.00
75) Chrysene-d12	13.98	240	222492	20.00	ng	0.00
86) Perylene-d12	15.45	264	151315	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	624546	97.89	ng	0.00
7) Phenol-d6	6.45	99	740435	94.45	ng	0.00
23) Nitrobenzene-d5	7.37	82	440383	78.19	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	141513	98.61	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	647105	73.90	ng	0.00
78) Terphenyl-d14	12.92	244	577534	59.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	56111	10.953	ng	# 72
25) Isophorone	7.37	82	440376	36.974	ng	# 64
49) Dimethylphthalate	9.55	163	52296	4.794	ng	# 98
50) 2,6-Dinitrotoluene	9.84	165	17887	8.861	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	17887	6.755	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.63	198	120	7.435	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	8525	3.397	ng	# 1
74) Fluoranthene	12.54	202	35506	2.587	ng	# 97
76) Benzidine	12.77	184	373	Below Cal		# 66
77) Pyrene	12.77	202	48450	2.938	ng	# 99
87) Benzo(b)fluoranthene	15.03	252	23757	2.486	ng	# 48
88) Benzo(k)fluoranthene	15.03	252	23757	2.633	ng	# 52

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

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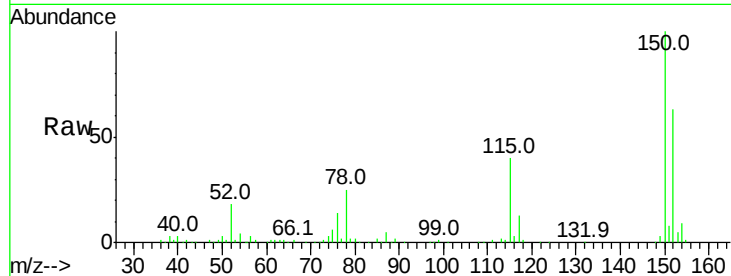


#1

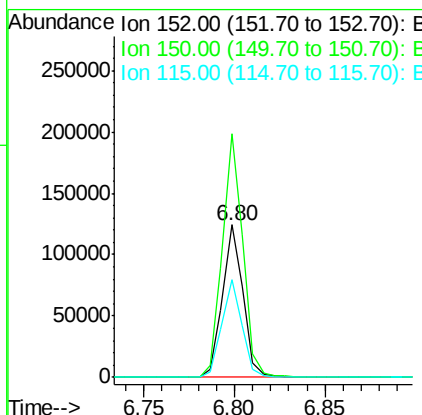
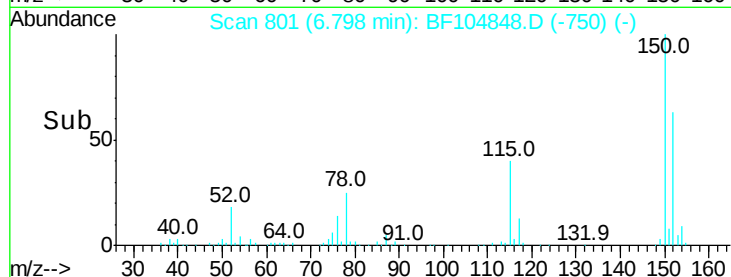
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104848.D
Acq: 26 Apr 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97559
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 63.7 50.1 75.1



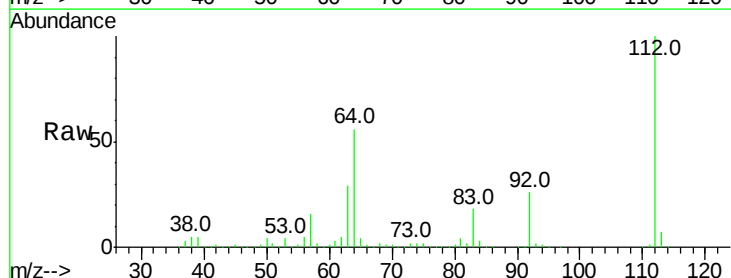
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



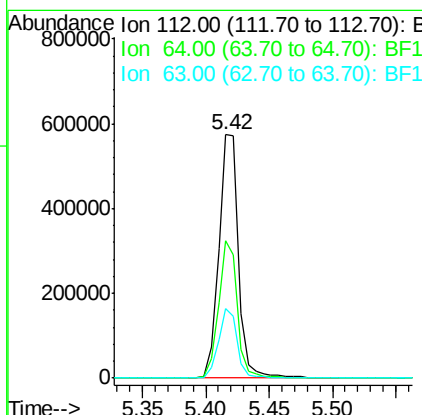
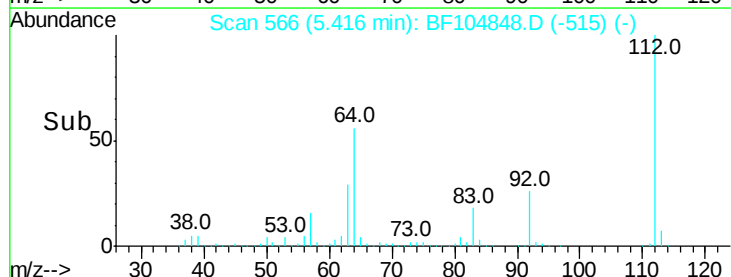
#5

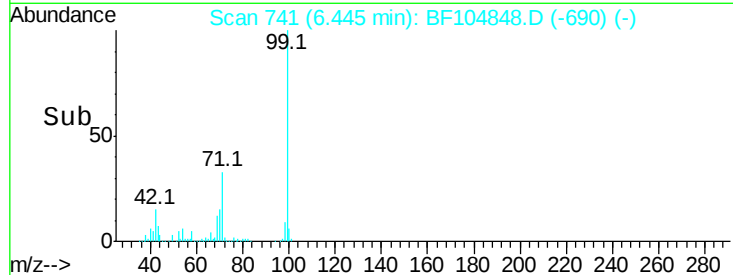
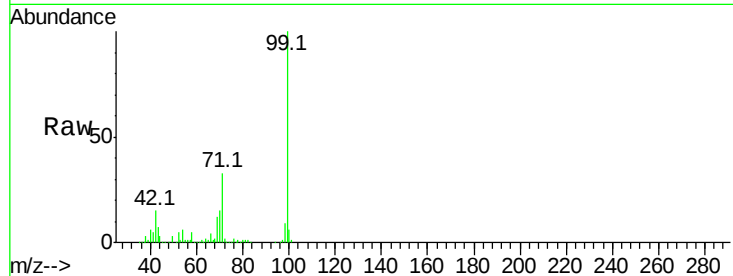
2-Fluorophenol
Concen: 97.886 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104848.D
Acq: 26 Apr 2018 20:13

Tgt Ion:112 Resp: 624546
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 28.7 23.7 35.5



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: 94.451 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104848.D

Acq: 26 Apr 2018 20:13

Instrument :

BNA_F

ClientSampleId :

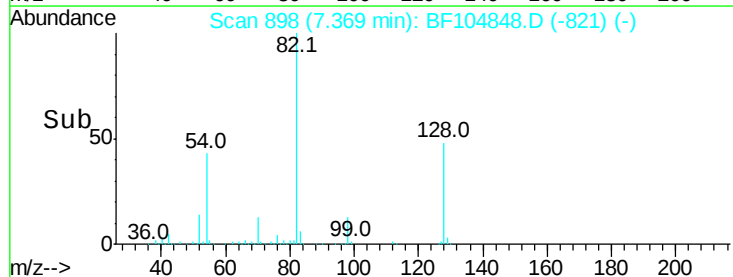
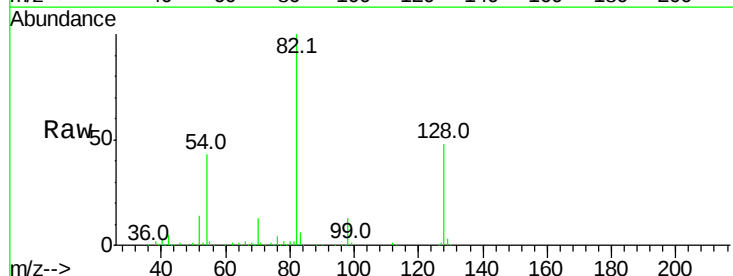
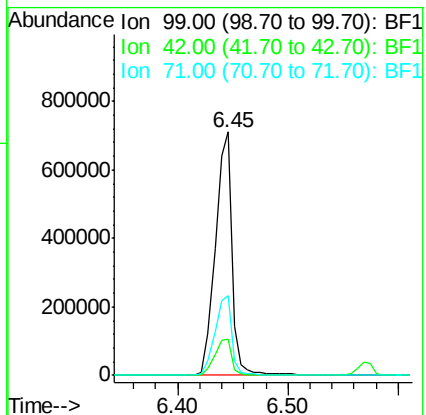
Tot Ion: 99 Resp: 740435

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

71 32.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.953 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104848.D

Acq: 26 Apr 2018 20:13

Tgt Ion: 70 Resp: 56111

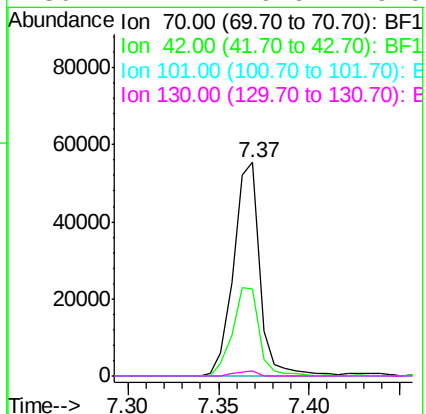
Ion Ratio Lower Upper

70 100

42 40.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

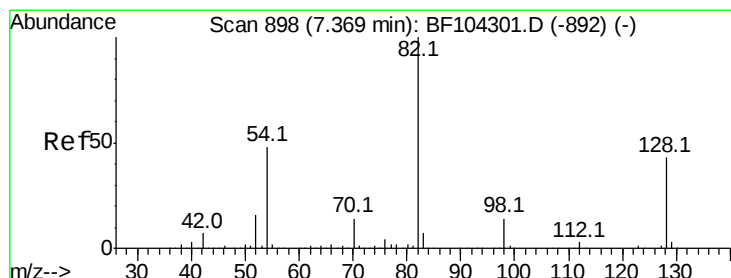
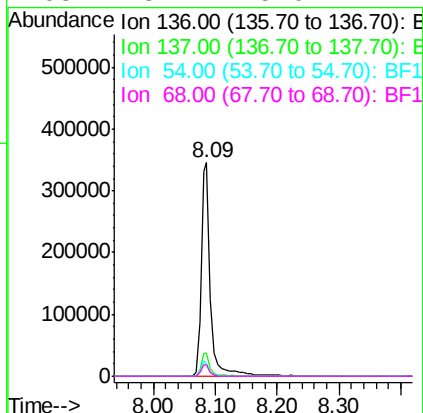
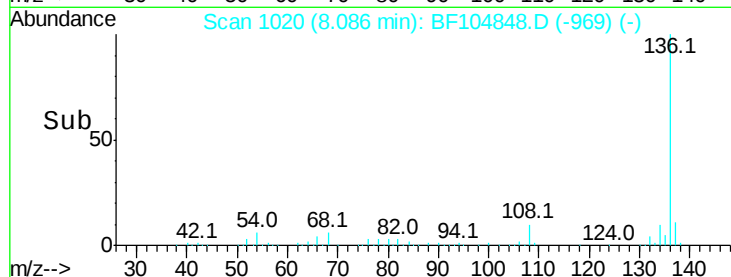
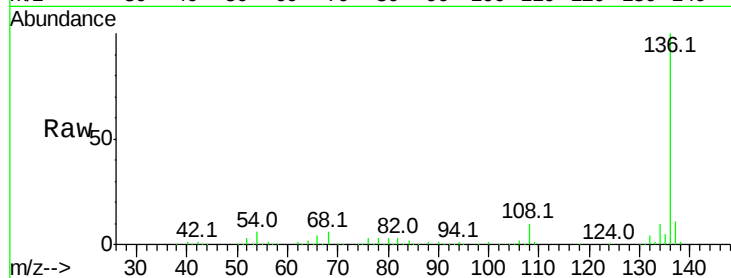




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104848.D
Acq: 26 Apr 2018 20:13

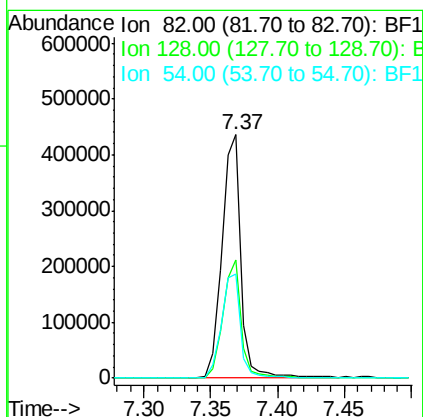
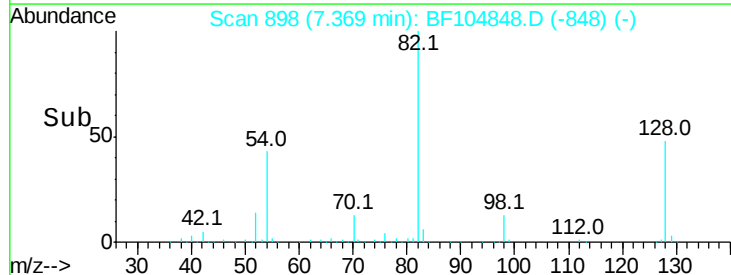
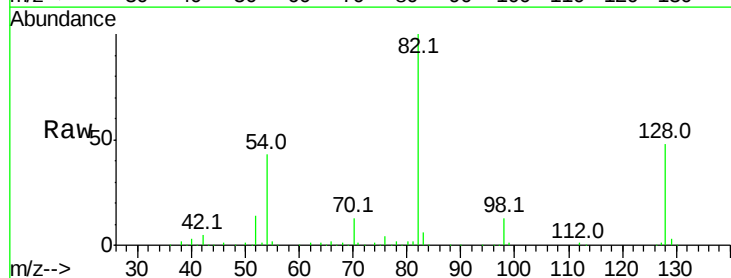
Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	367783
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.9	6.6	9.8#
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 78.188 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104848.D
Acq: 26 Apr 2018 20:13

Tgt Ion:	82	Resp:	440383
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	42.7	41.4	62.2





#25

Isophorone

Concen: 36.974 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104848.D

Acq: 26 Apr 2018 20:13

Instrument :

BNA_F

ClientSampled :

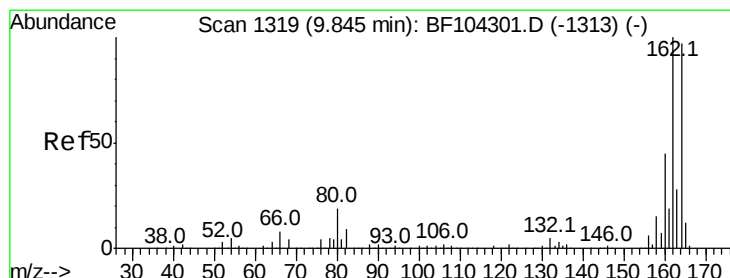
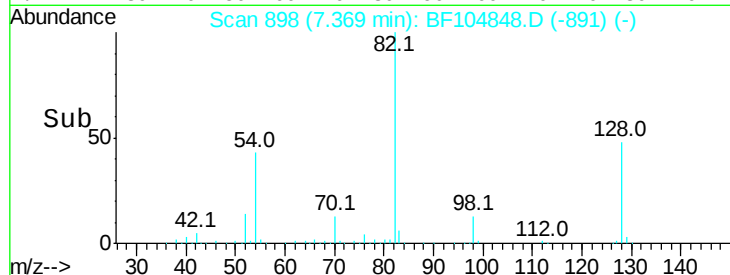
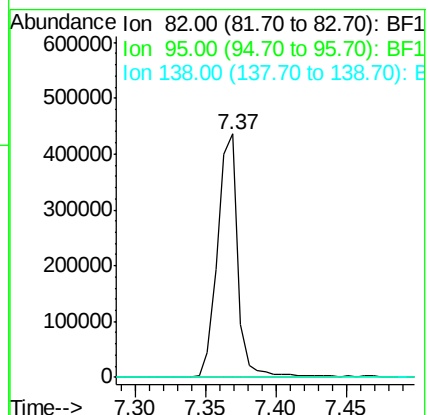
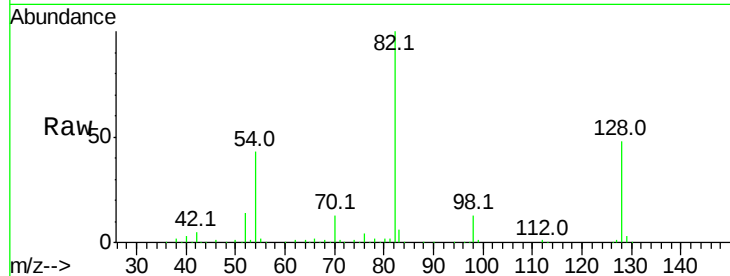
Tot Ion: 82 Resp: 440376

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104848.D

Acq: 26 Apr 2018 20:13

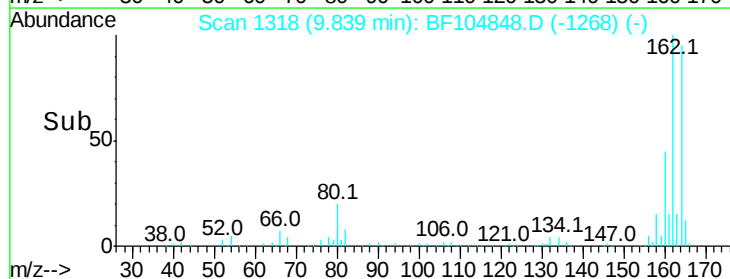
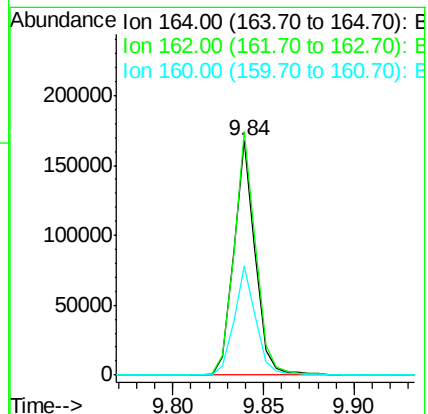
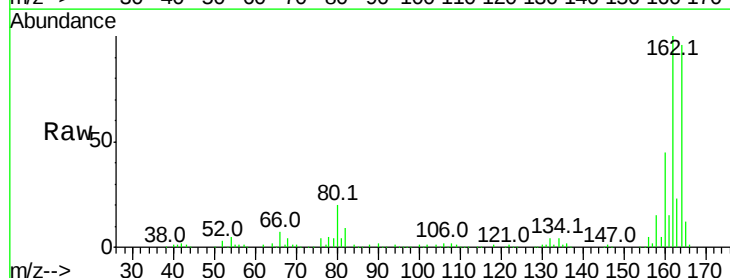
Tgt Ion:164 Resp: 138337

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

160 46.5 38.3 57.5

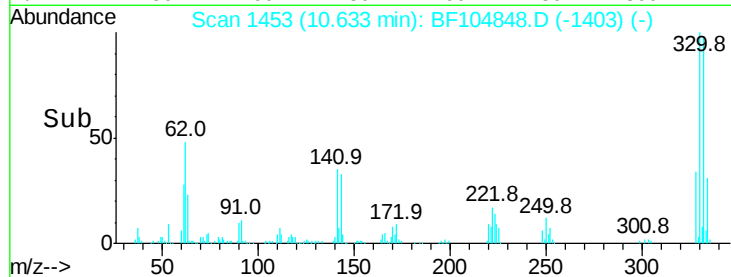
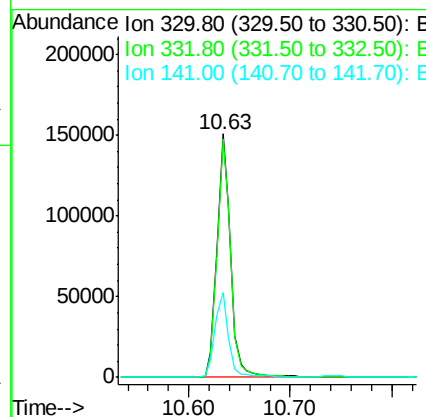
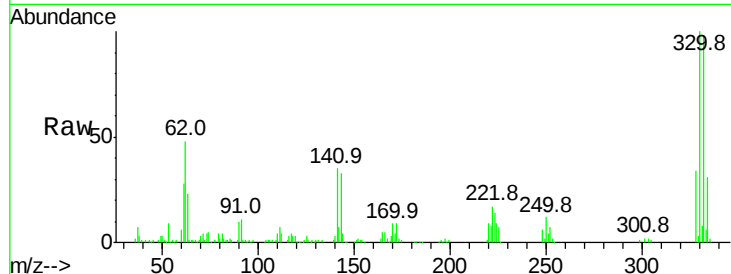




#41
 2,4,6-Tribromophenol
 Concen: 98.615 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104848.D
 Acq: 26 Apr 2018 20:13

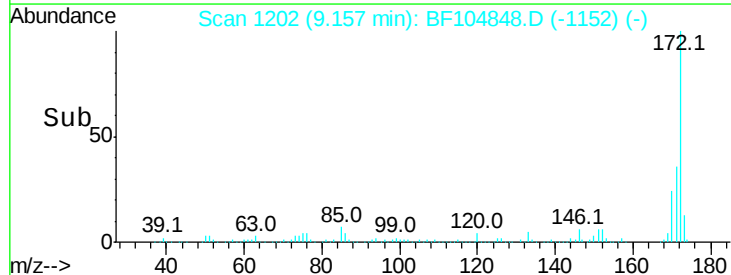
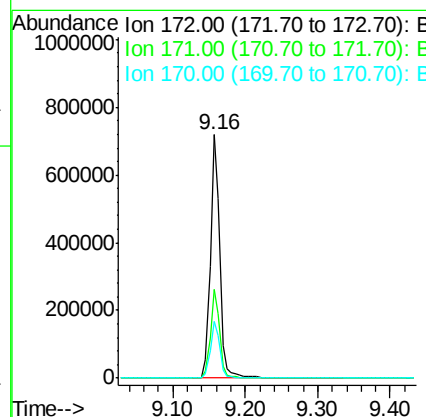
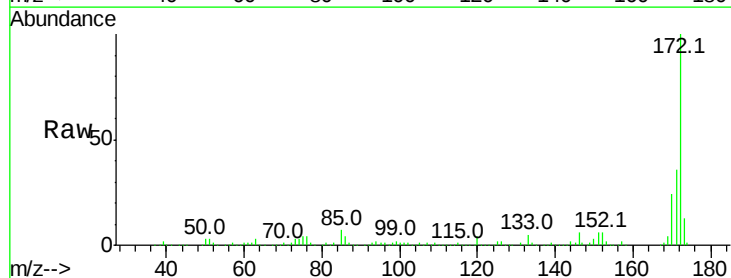
Instrument :
 BNA_F
 ClientSampled :

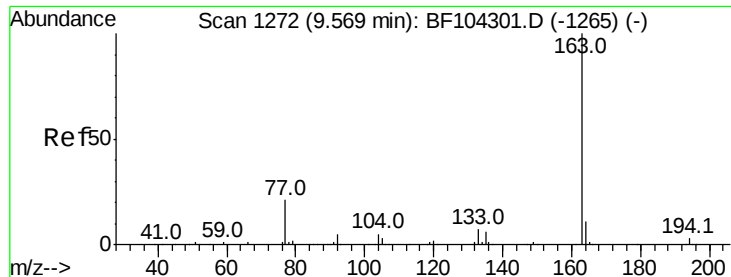
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	35.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 73.897 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104848.D
 Acq: 26 Apr 2018 20:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.5	19.6	29.4

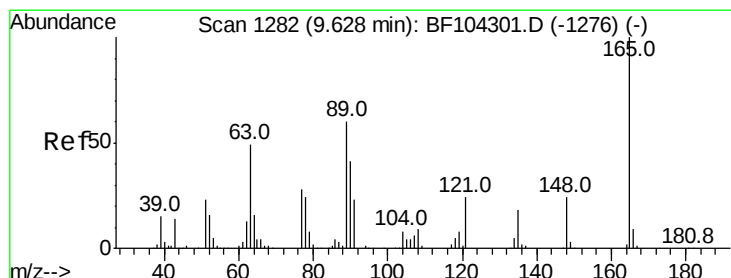
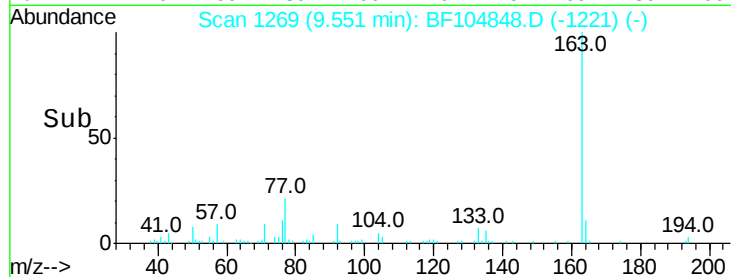
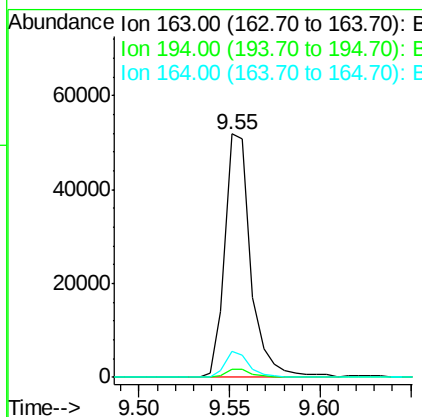
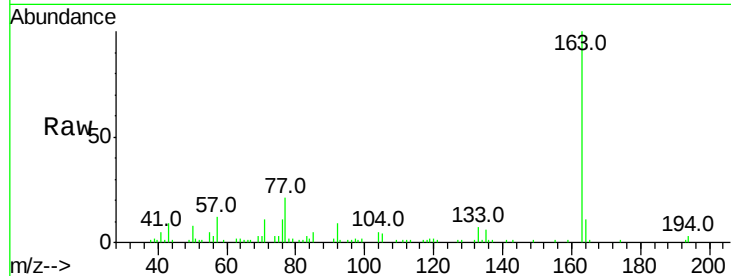




#49
 Dimethylphthalate
 Concen: 4.794 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.02 min
 Lab File: BF104848.D
 Acq: 26 Apr 2018 20:13

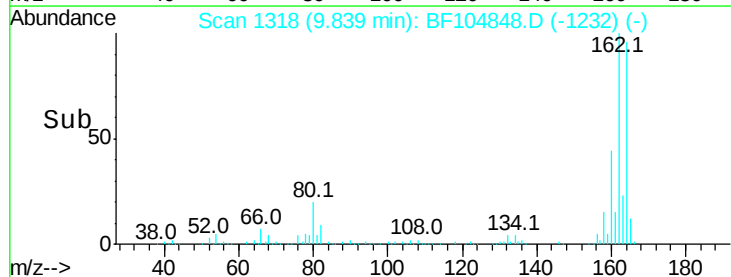
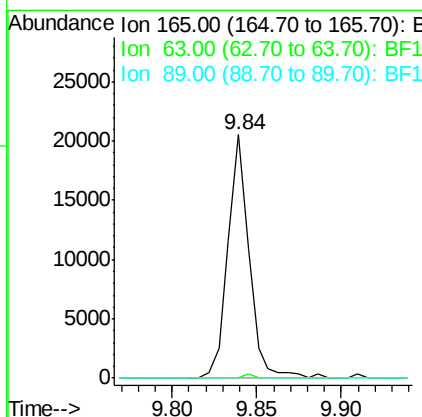
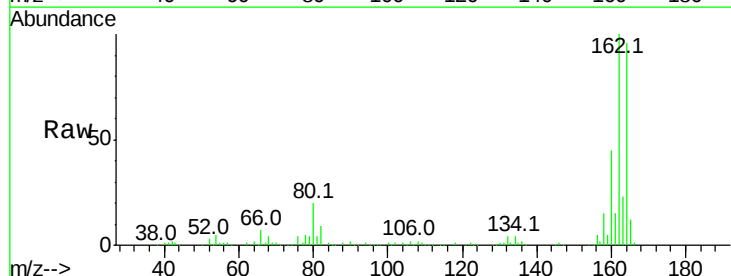
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 52296
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 10.9 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 8.861 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104848.D
 Acq: 26 Apr 2018 20:13

Tgt Ion:165 Resp: 17887
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

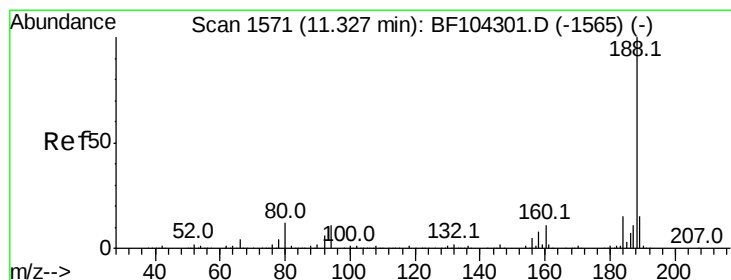
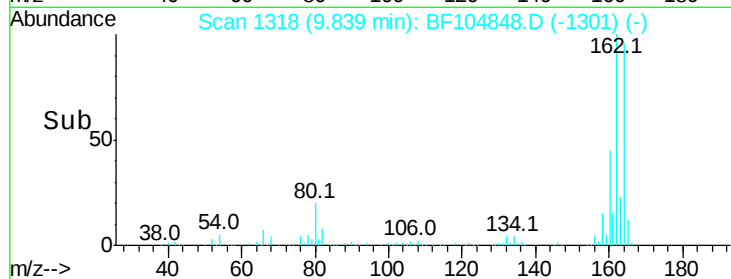
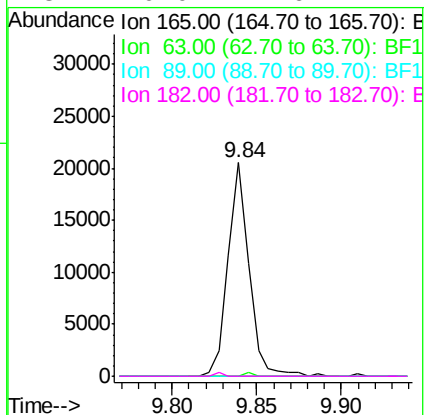
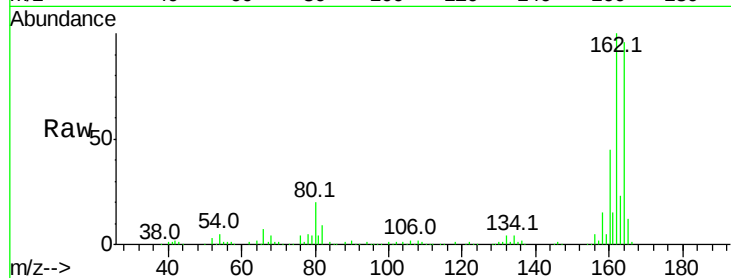




#56
 2,4-Dinitrotoluene
 Concen: 6.755 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104848.D
 Acq: 26 Apr 2018 20:13

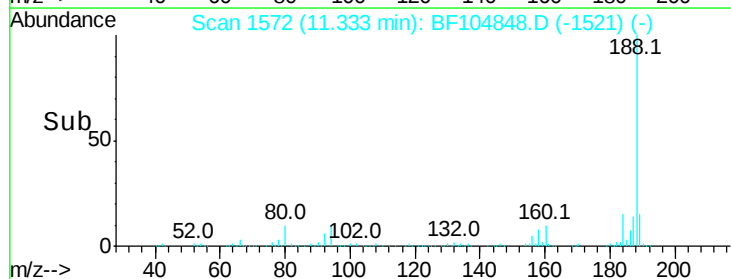
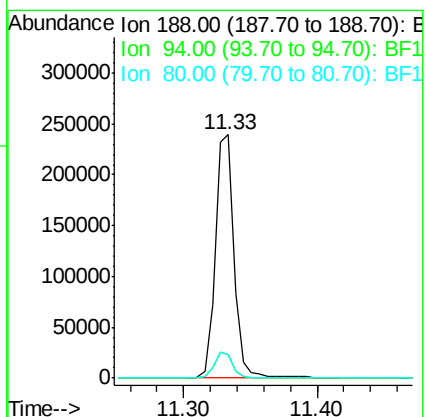
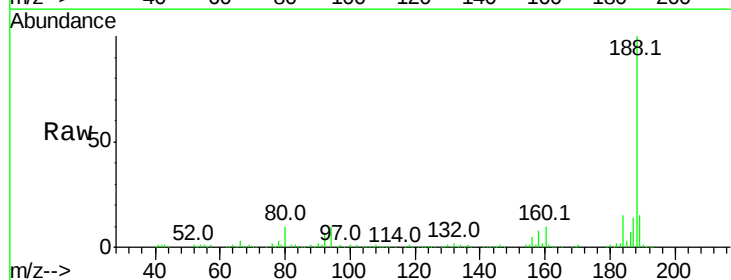
Instrument :
 BNA_F
 ClientSampleId :

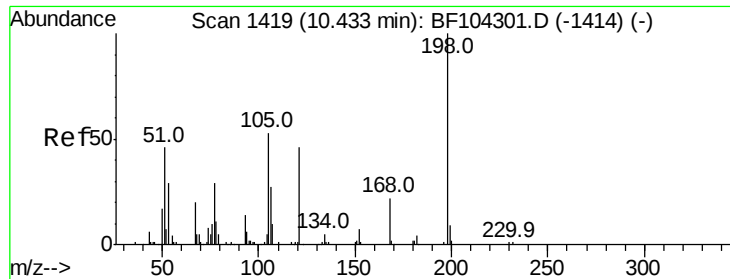
Tot Ion:	165	Resp:	17887
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104848.D
 Acq: 26 Apr 2018 20:13

Tgt Ion:	188	Resp:	235920
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.6	9.2	13.8

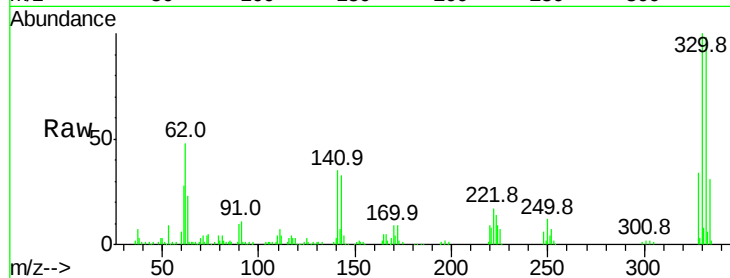




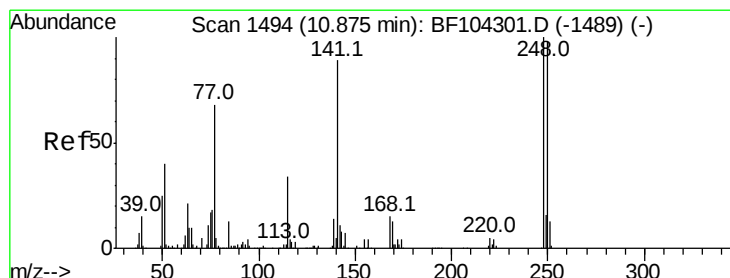
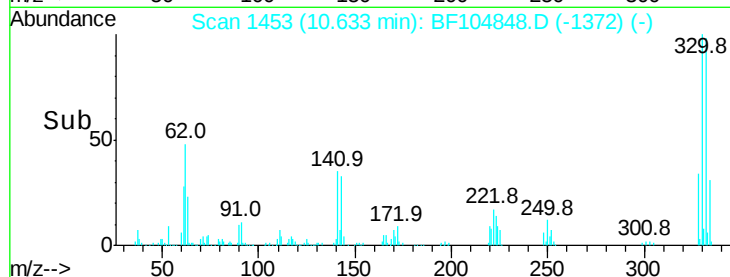
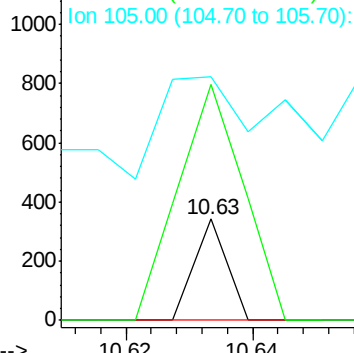
#64
4,6-Dinitro-2-methylphenol
Concen: 7.435 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104848.D
Acq: 26 Apr 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 120
Ion Ratio Lower Upper
198 100
51 234.3 37.7 77.7#
105 241.3 36.3 76.3#

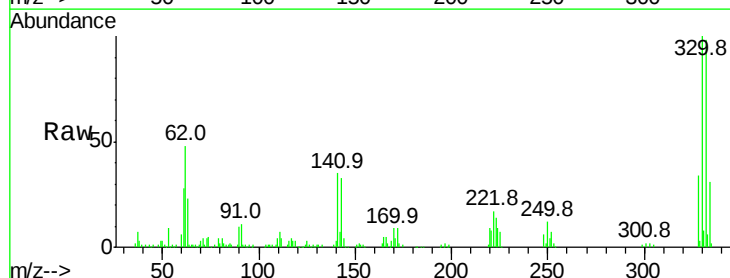


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

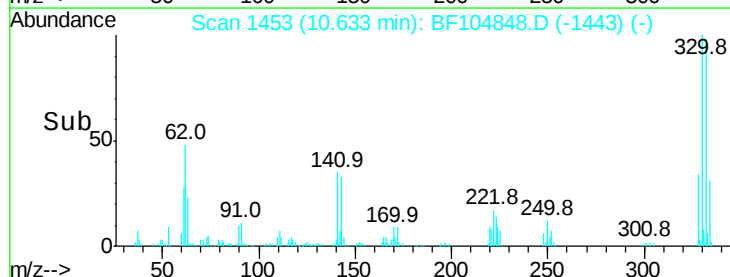
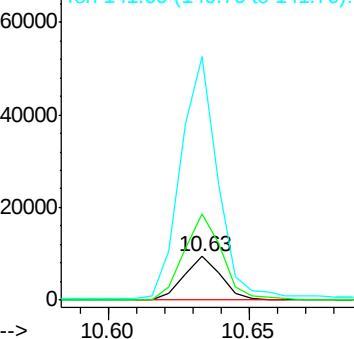


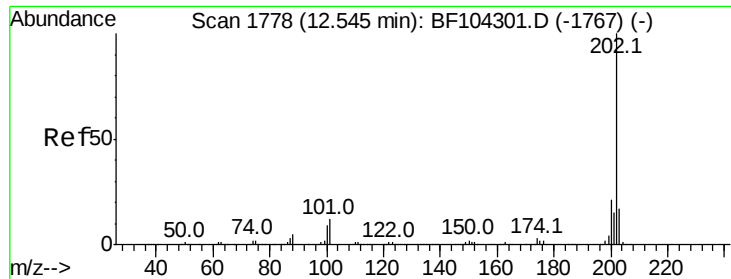
#66
4-Bromophenyl-phenylether
Concen: 3.397 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104848.D
Acq: 26 Apr 2018 20:13

Tgt Ion:248 Resp: 8525
Ion Ratio Lower Upper
248 100
250 197.7 76.9 115.3#
141 559.0 74.4 111.6#



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

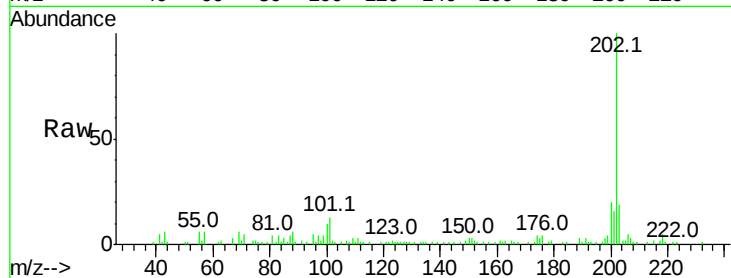




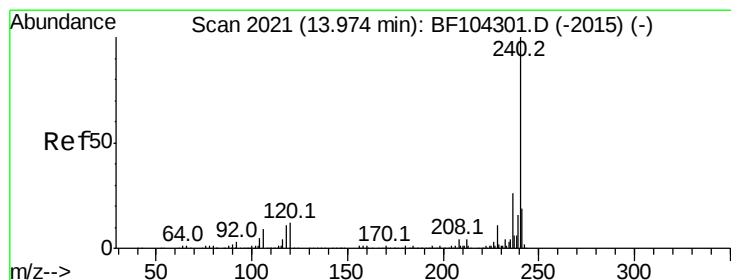
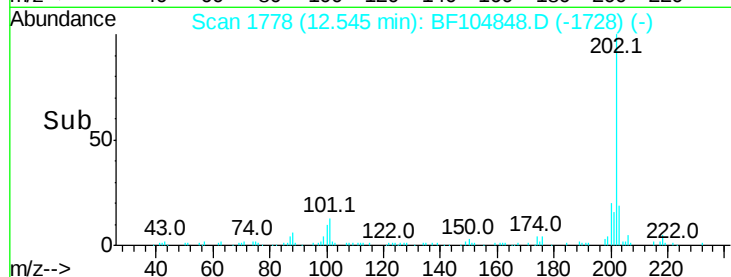
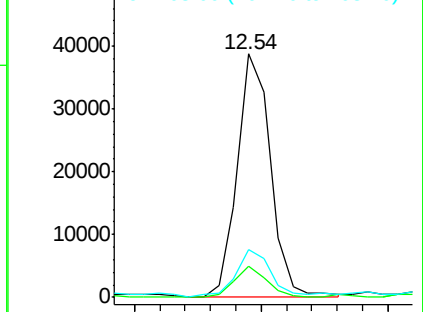
#74
Fluoranthene
Concen: 2.587 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104848.D
Acq: 26 Apr 2018 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 35506
Ion Ratio Lower Upper
202 100
101 12.5 0.0 34.1
203 19.4 0.0 38.1

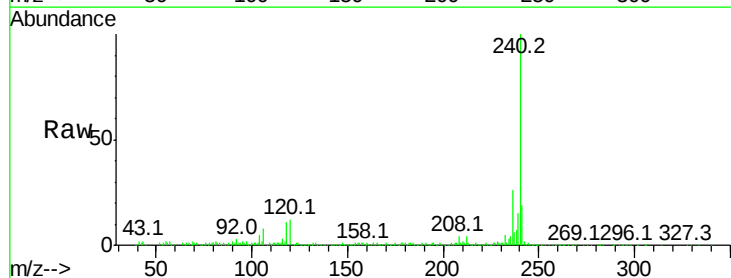


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

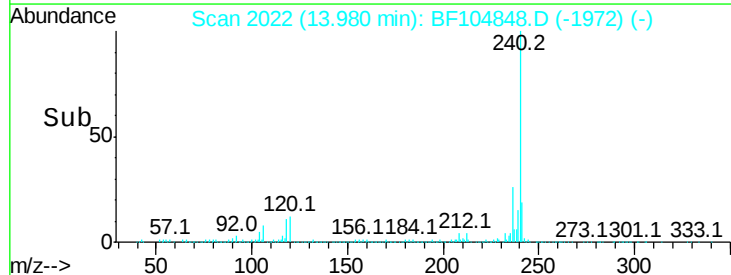
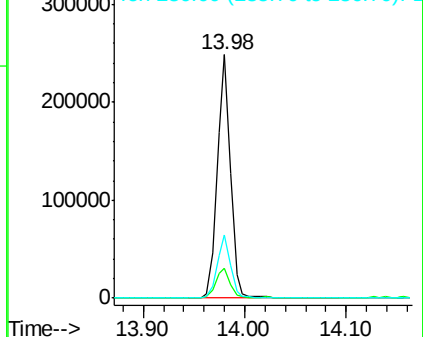


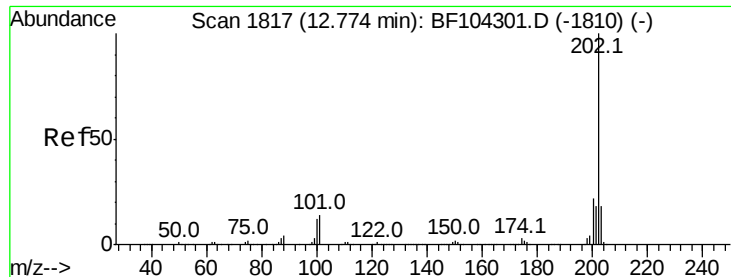
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104848.D
Acq: 26 Apr 2018 20:13

Tgt Ion:240 Resp: 222492
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.8 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





#77

Pvrene

Concen: 2.938 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF104848.D

Acq: 26 Apr 2018 20:13

Instrument :

BNA_F

ClientSampleId :

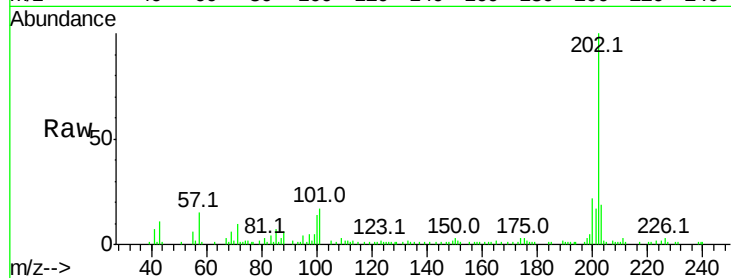
Tot Ion:202 Resp: 48450

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

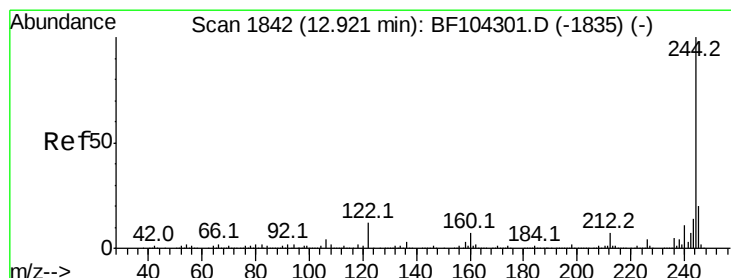
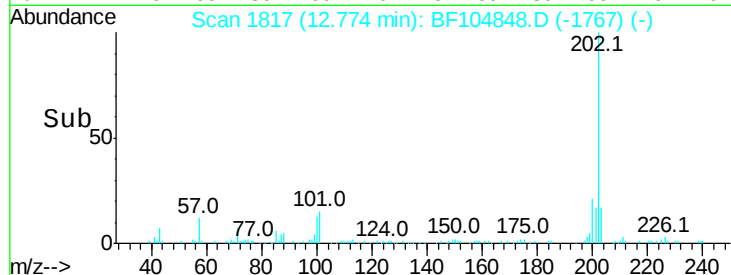
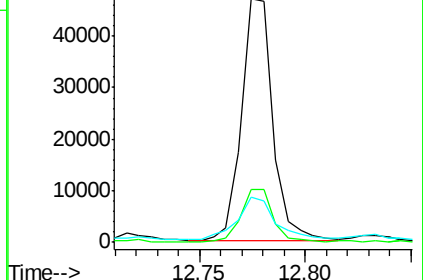
203 18.8 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 59.179 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104848.D

Acq: 26 Apr 2018 20:13

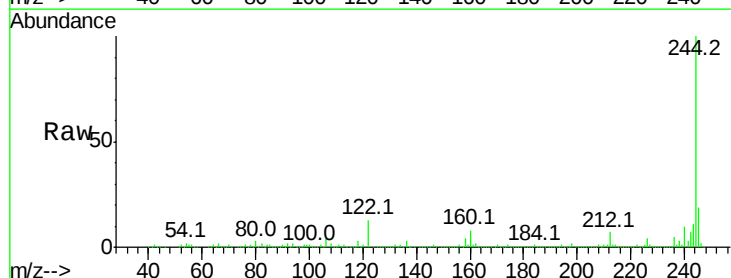
Tgt Ion:244 Resp: 577534

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

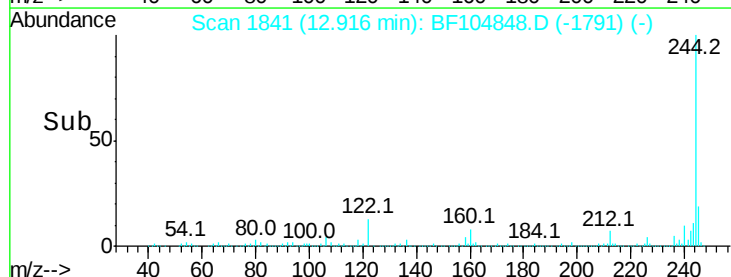
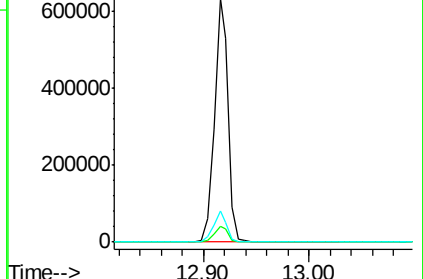
122 13.0 11.0 16.4

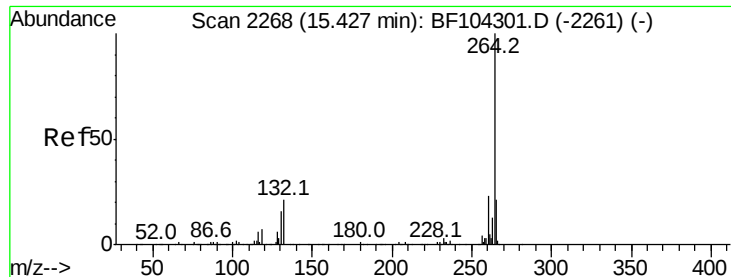


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

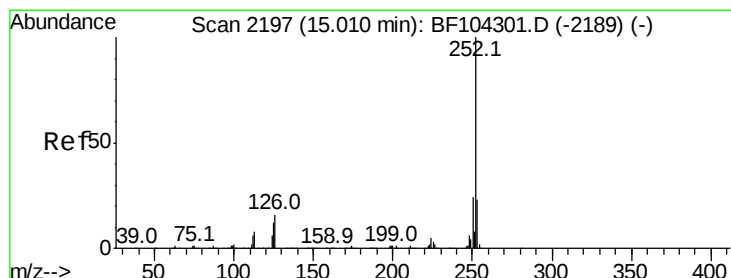
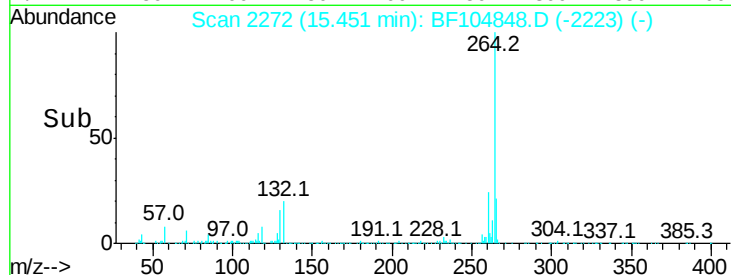
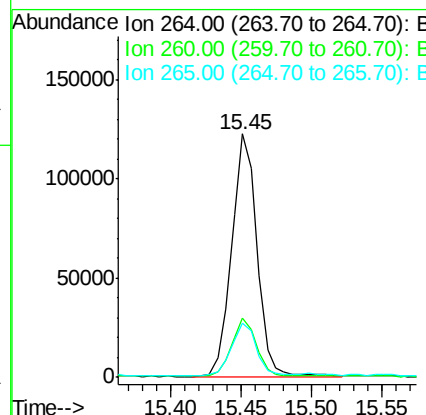
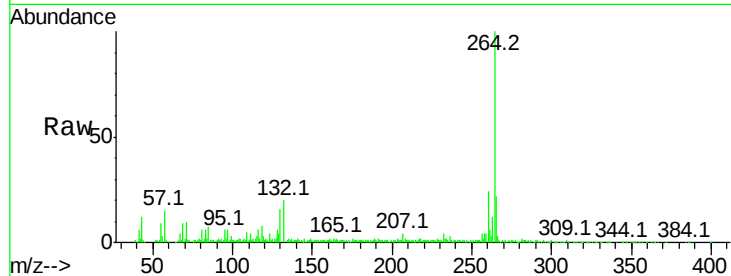




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104848.D
Acq: 26 Apr 2018 20:13

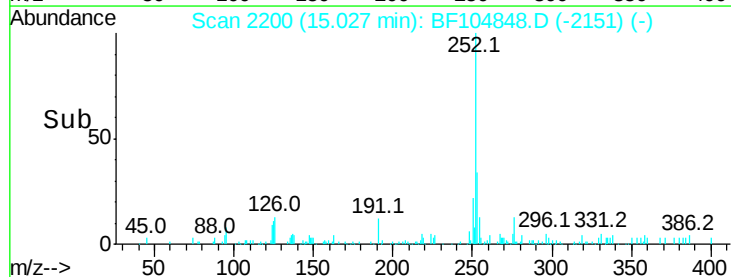
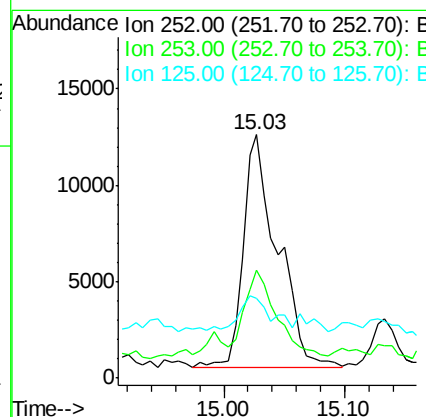
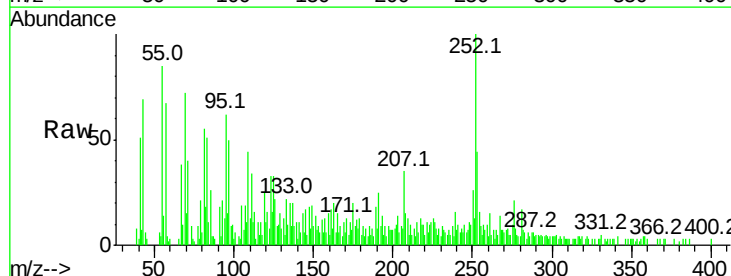
Instrument :
BNA_F
ClientSampleId :

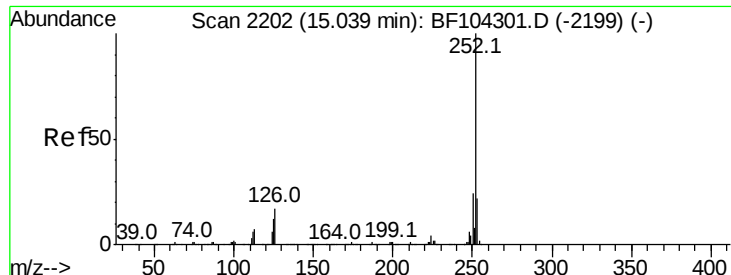
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.1	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 2.486 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104848.D
Acq: 26 Apr 2018 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.5	17.0	25.6#
125	32.8	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 2.633 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.04 min

Lab File: BF104848.D

Acq: 26 Apr 2018 20:13

Instrument :

BNA_F

ClientSampleId :

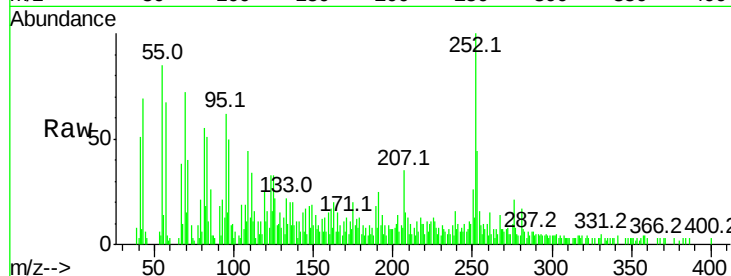
Tot Ion:252 Resp: 23757

Ion Ratio Lower Upper

252 100

253 44.5 17.9 26.9#

125 32.8 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

