

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104481.D
 Acq On : 13 Apr 2018 16:27
 Operator : JU/SJ
 Sample : J2364-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 17:41:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128337	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	524849	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	226811	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	358433	20.00	ng	0.00
75) Chrysene-d12	13.99	240	239150	20.00	ng	0.00
86) Perylene-d12	15.46	264	211863	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	688691	82.05	ng	0.00
7) Phenol-d6	6.44	99	839510	81.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	515784	64.17	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	190248	80.86	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	905975	63.10	ng	0.00
78) Terphenyl-d14	12.93	244	679445	64.77	ng	0.00

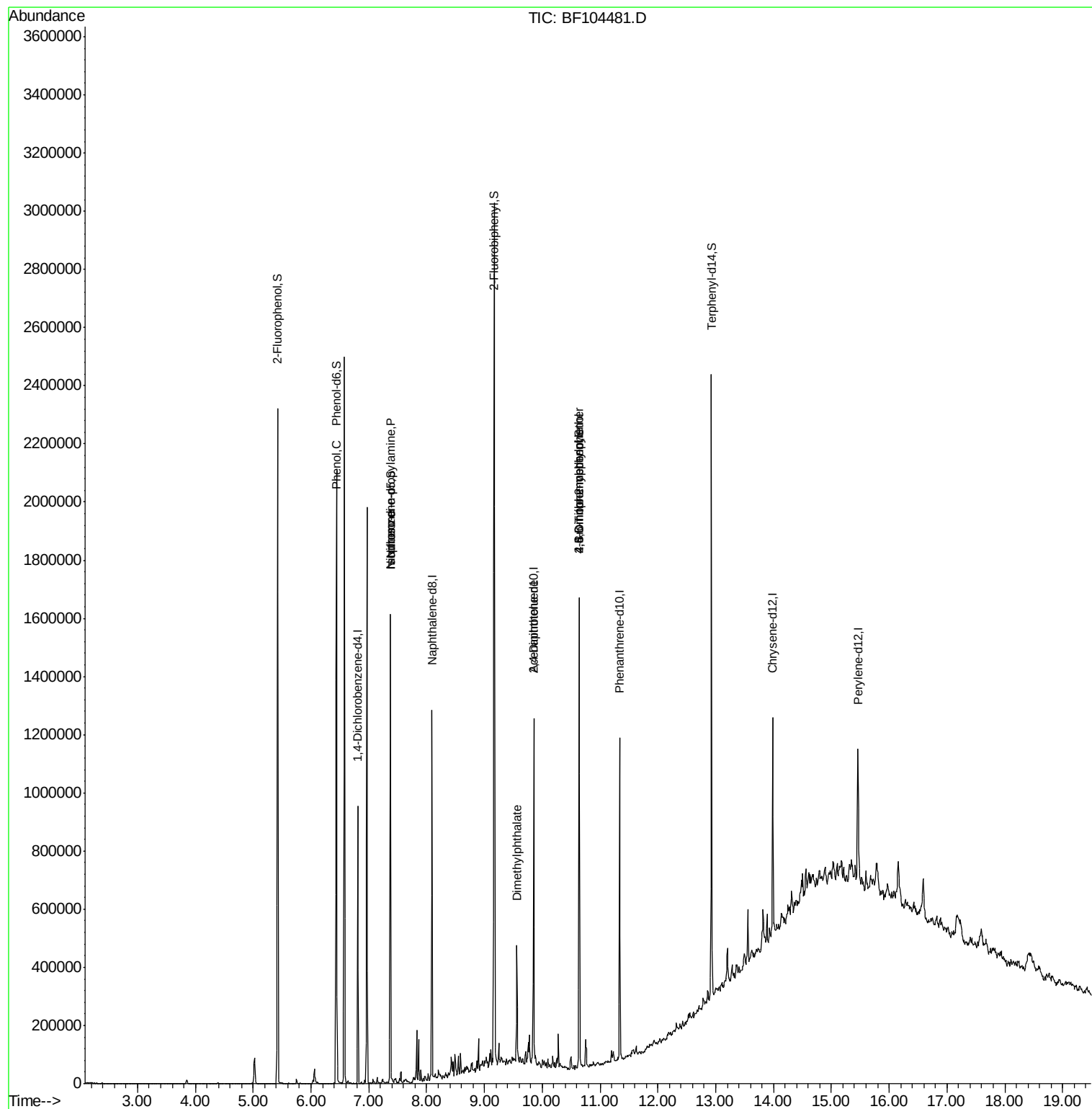
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	1513	Below Cal		# 1
10) Phenol	6.45	94	29631	2.708	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	69204	10.269	ng	# 71
25) Isophorone	7.37	82	515778	30.345	ng	# 64
49) Dimethylphthalate	9.56	163	125430	7.013	ng	99
56) 2,4-Dinitrotoluene	9.85	165	30556	7.039	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.64	198	499	7.589	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	11940	3.132	ng	# 1
76) Benzidine	12.93	184	9780	Below Cal		# 94

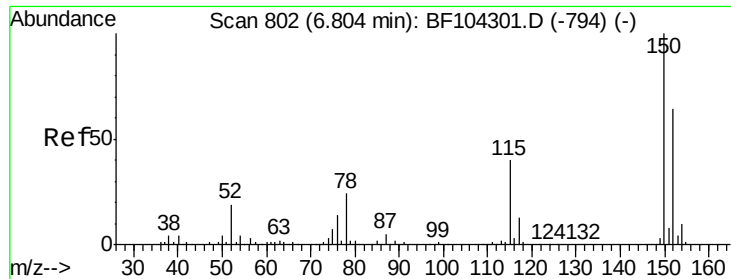
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104481.D
Acq On : 13 Apr 2018 16:27
Operator : JU/SJ
Sample : J2364-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 13 17:41:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration



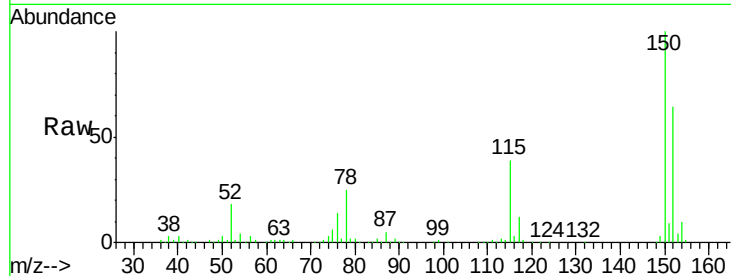


#1

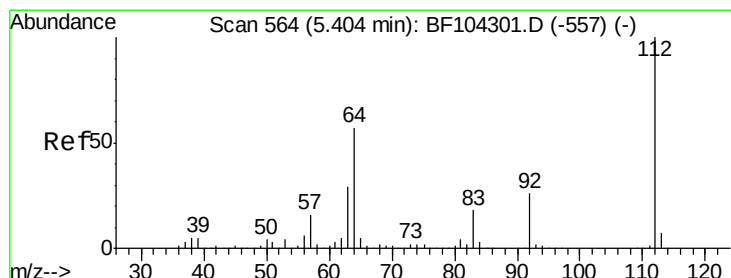
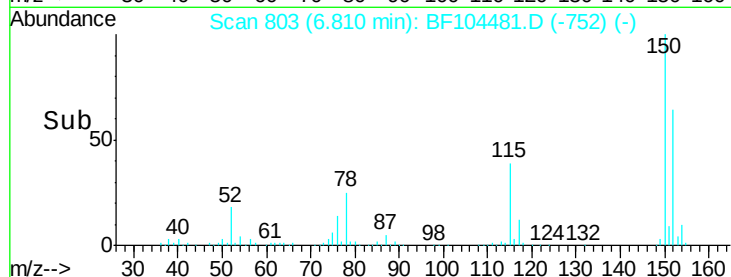
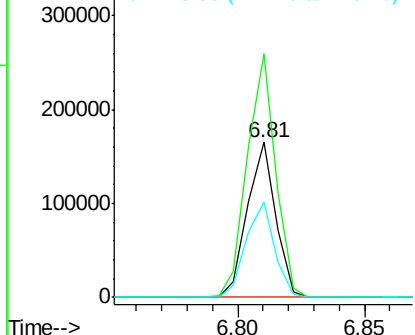
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128337
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 61.3 50.1 75.1



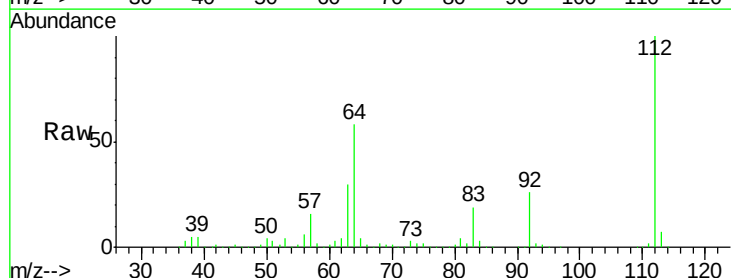
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



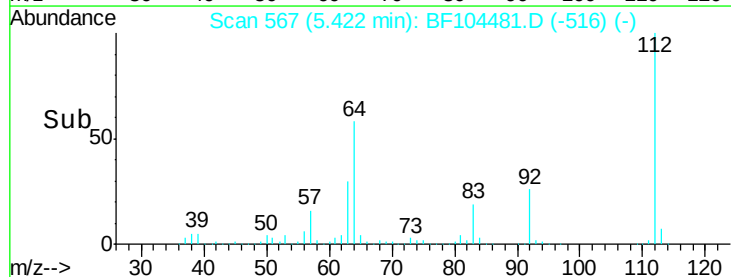
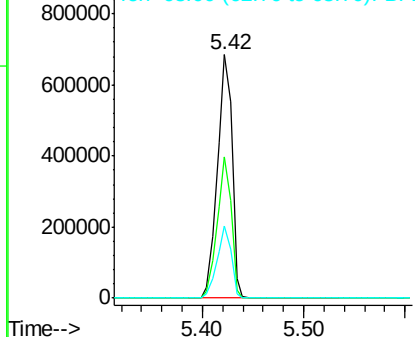
#5

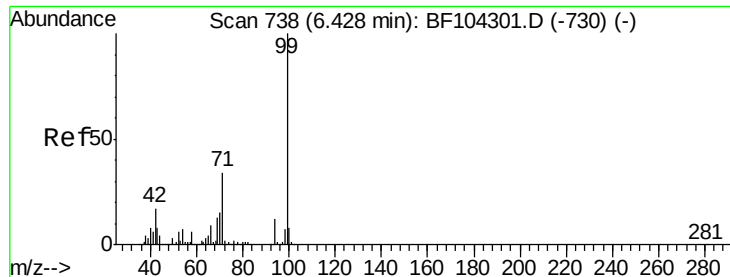
2-Fluorophenol
Concen: 82.053 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Tgt Ion:112 Resp: 688691
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.5 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: 81.407 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104481.D

Acq: 13 Apr 2018 16:27

Instrument :

BNA_F

ClientSampled :

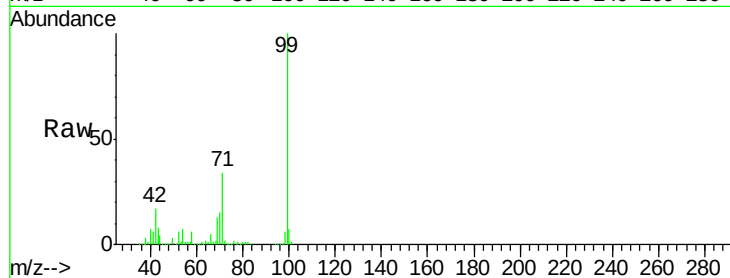
Tot Ion: 99 Resp: 839510

Ion Ratio Lower Upper

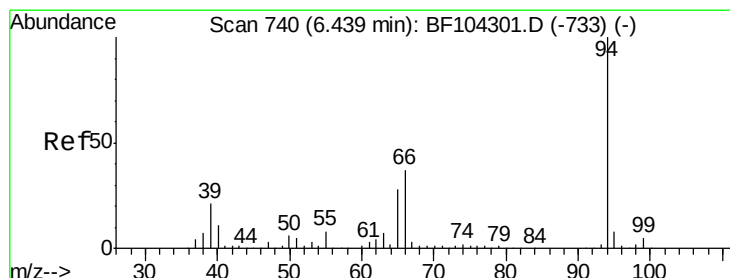
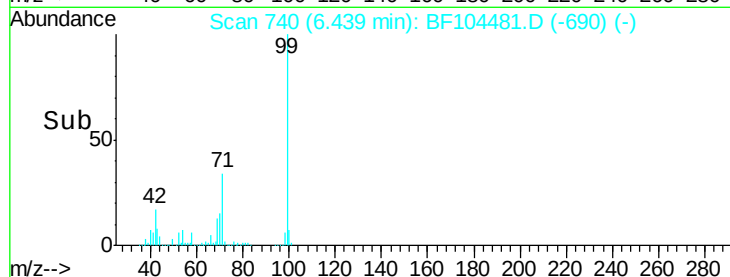
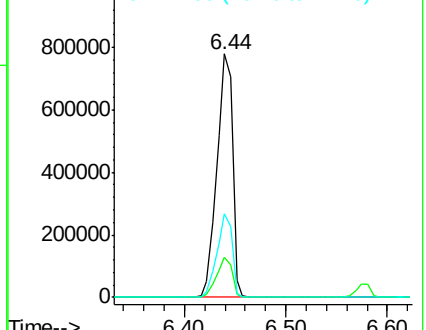
99 100

42 16.5 14.5 21.7

71 34.1 25.4 38.0



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: 2.708 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104481.D

Acq: 13 Apr 2018 16:27

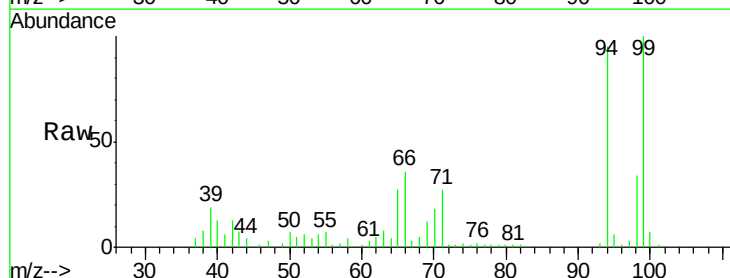
Tgt Ion: 94 Resp: 29631

Ion Ratio Lower Upper

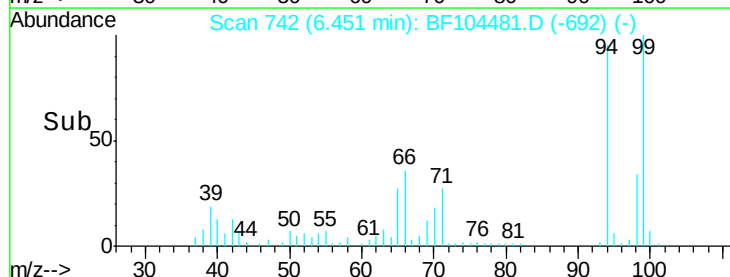
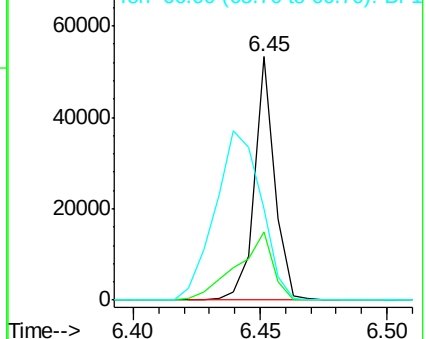
94 100

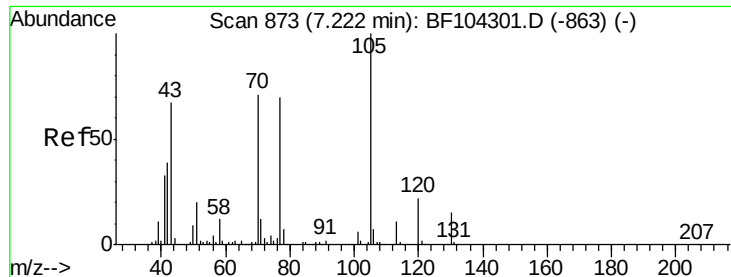
65 28.0 7.9 47.9

66 37.7 16.2 56.2



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

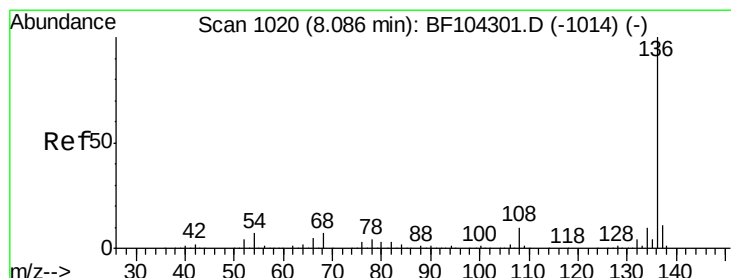
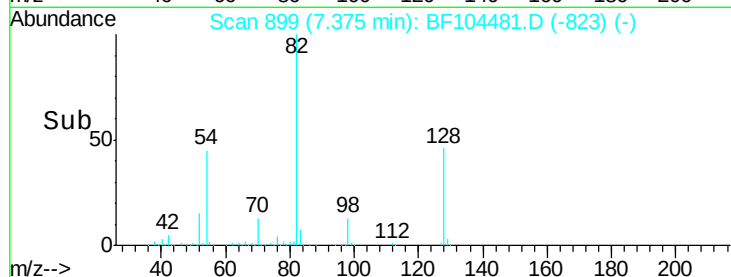
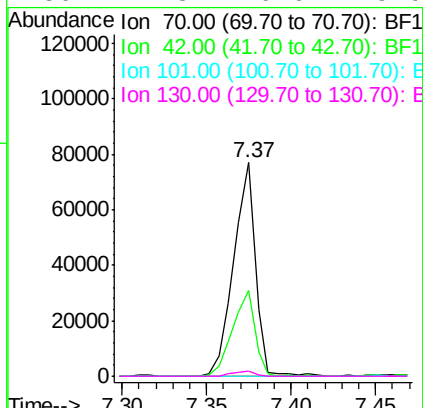
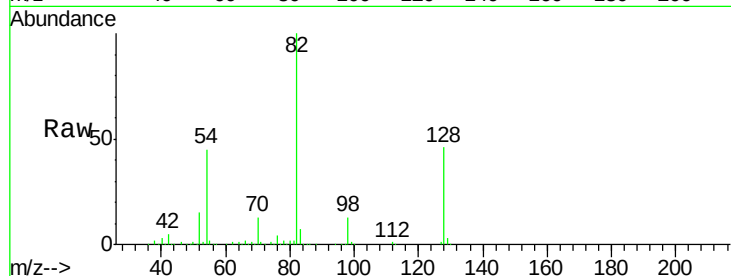




#19
n-Nitroso-di-n-propylamine
Concen: 10.269 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

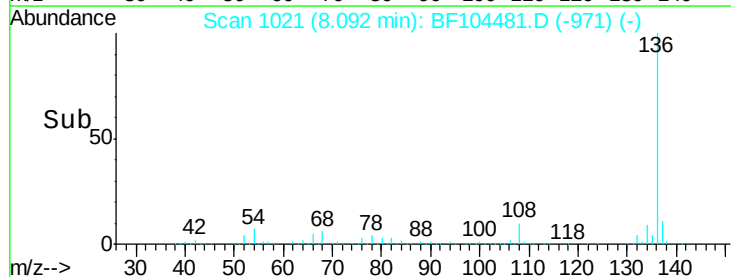
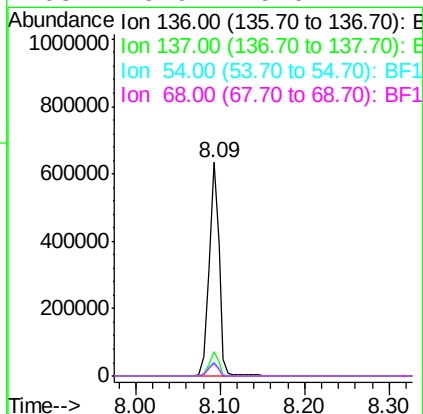
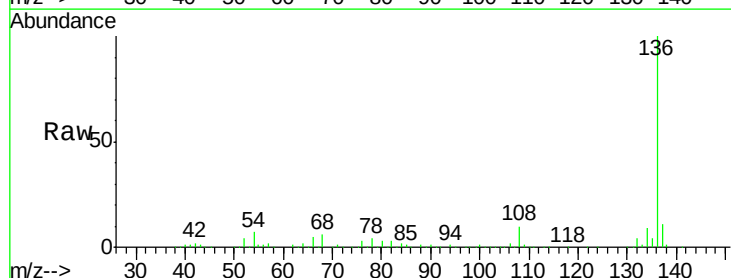
Instrument :
BNA_F
ClientSampleId :

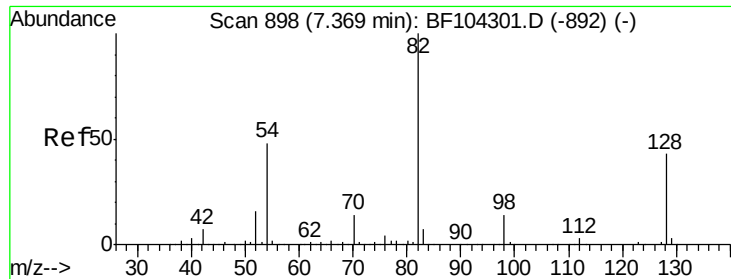
Tot Ion: 70 Resp: 69204
Ion Ratio Lower Upper
70 100
42 40.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Tgt Ion: 136 Resp: 524849
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.9 6.6 9.8
68 5.9 5.0 7.4

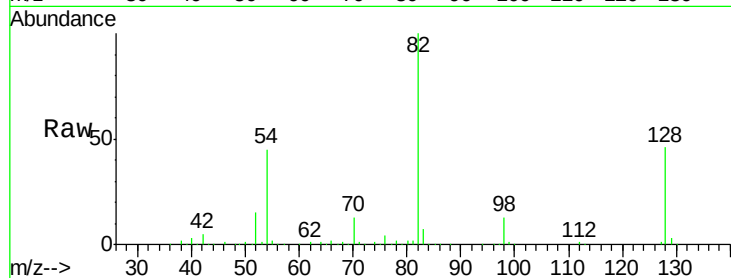




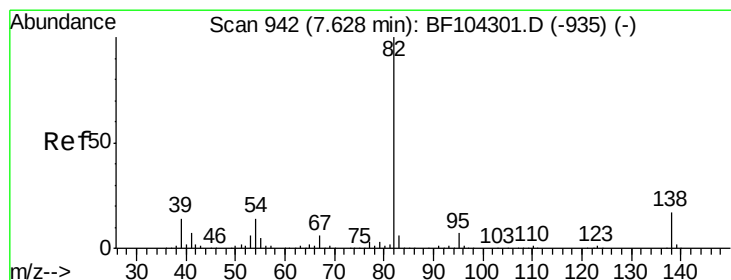
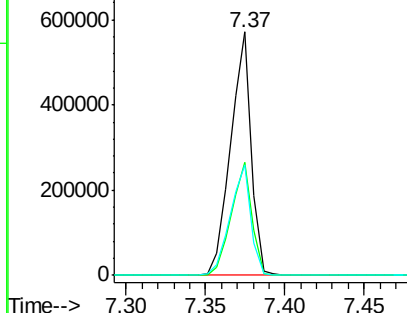
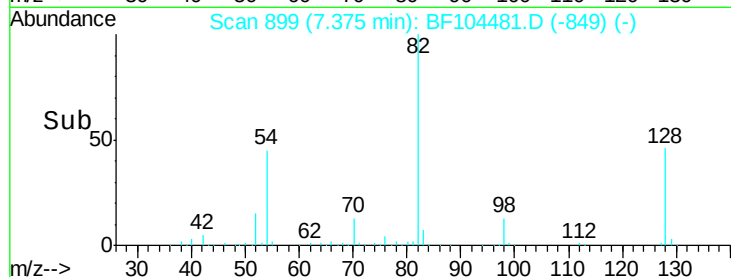
#23
Nitrobenzene-d5
Concen: 64.170 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 515784
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 45.3 41.4 62.2

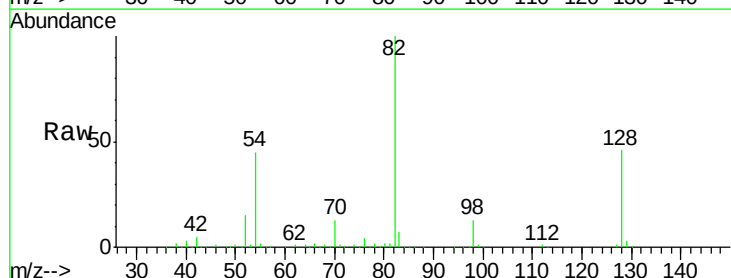


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

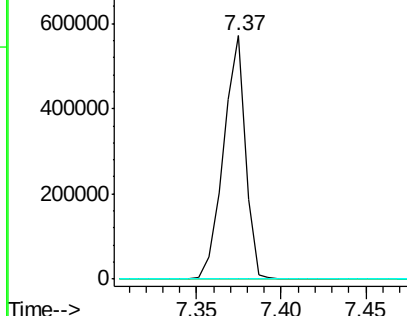
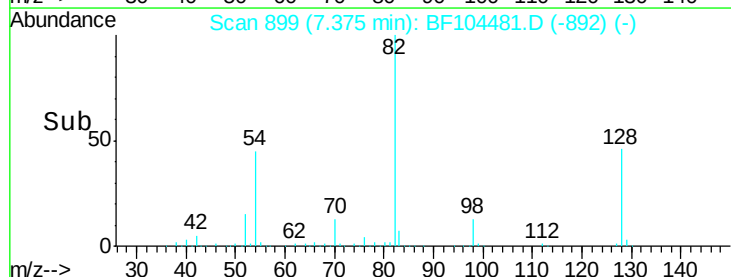


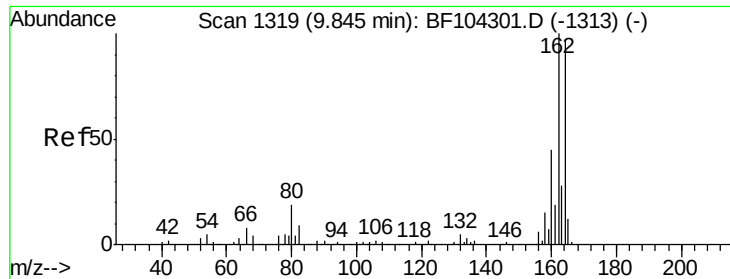
#25
Isophorone
Concen: 30.345 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Tgt Ion: 82 Resp: 515778
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



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

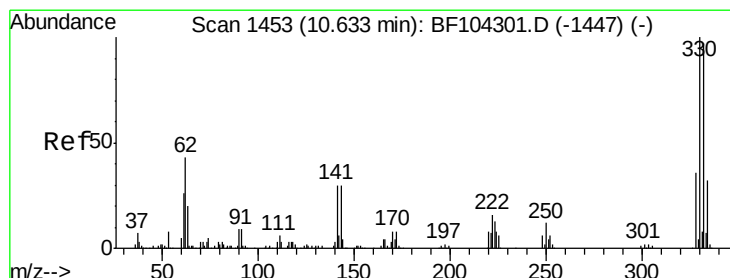
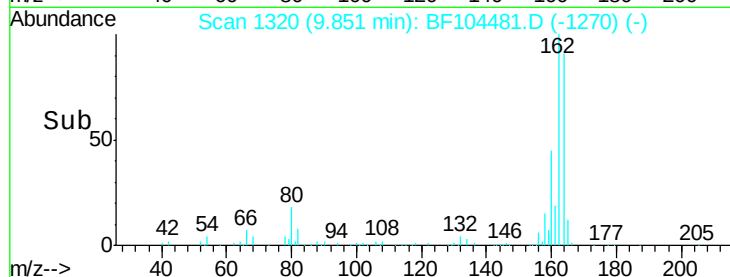
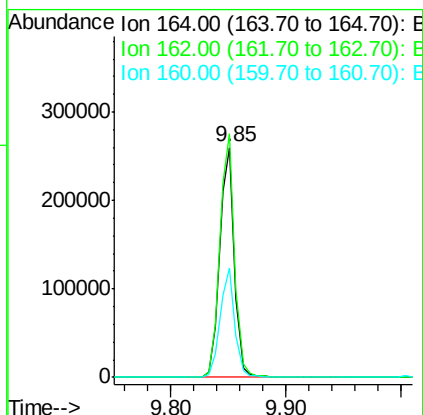
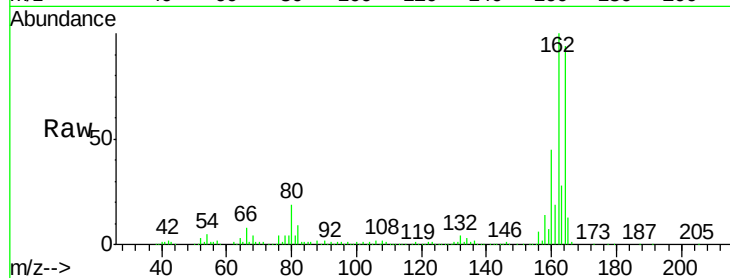




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF104481.D
 Acq: 13 Apr 2018 16:27

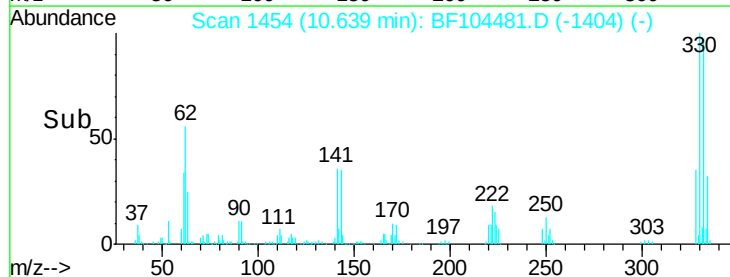
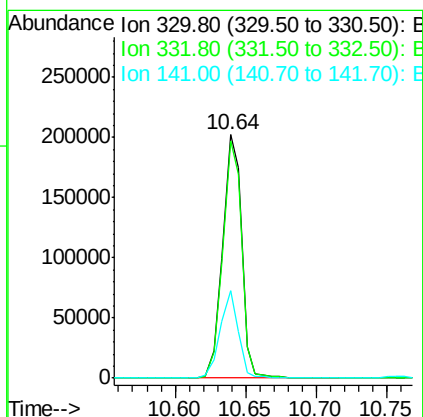
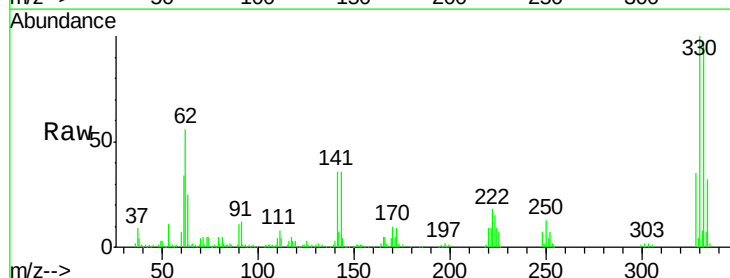
Instrument :
 BNA_F
 ClientSampleId :

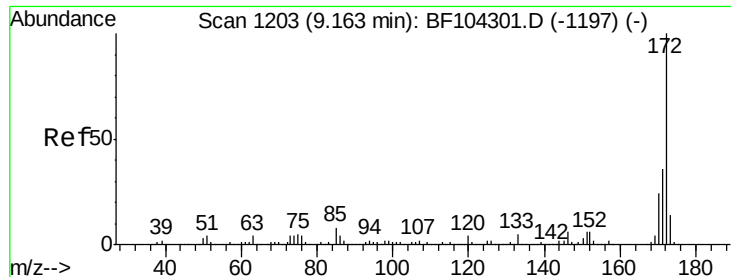
Tot Ion:164 Resp: 226811
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 47.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 80.861 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104481.D
 Acq: 13 Apr 2018 16:27

Tgt Ion:330 Resp: 190248
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 33.8 29.9 44.9

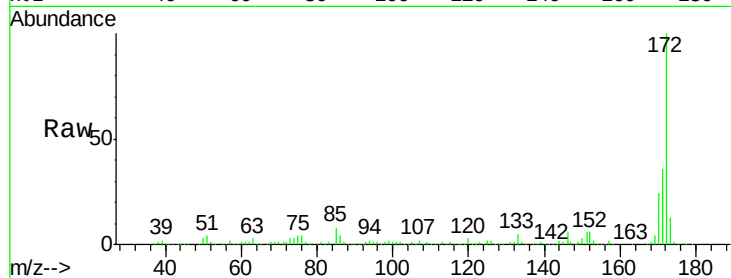




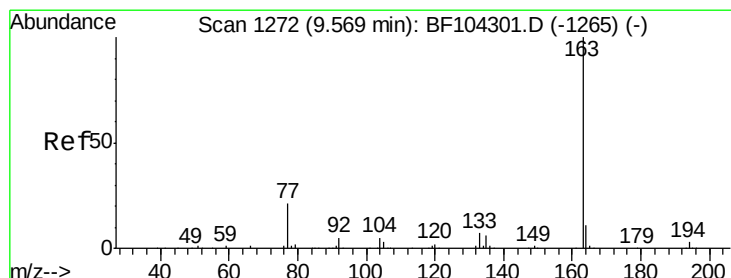
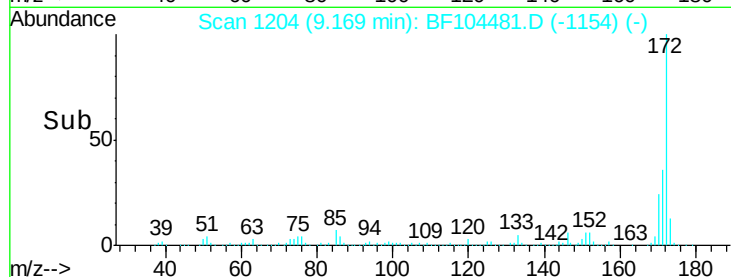
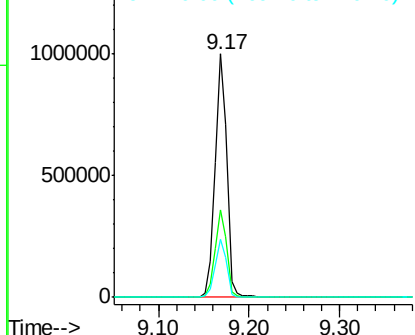
#44
2-Fluorobiphenyl
Concen: 63.102 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 905975
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.0 19.6 29.4

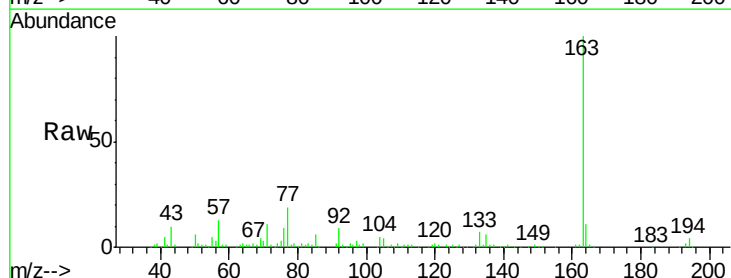


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

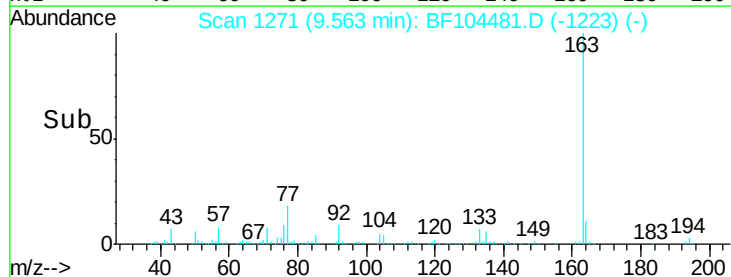
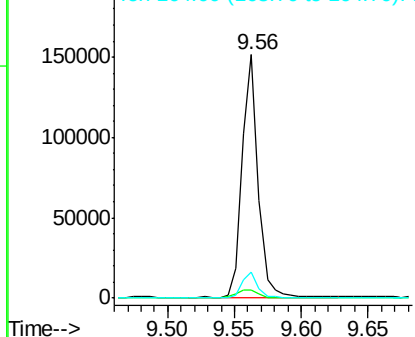


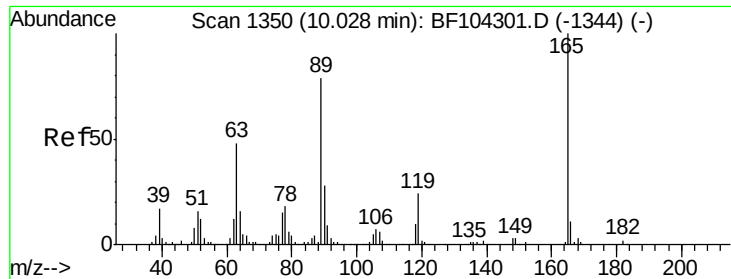
#49
Dimethylphthalate
Concen: 7.013 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Tgt Ion:163 Resp: 125430
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 8.2 12.2



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

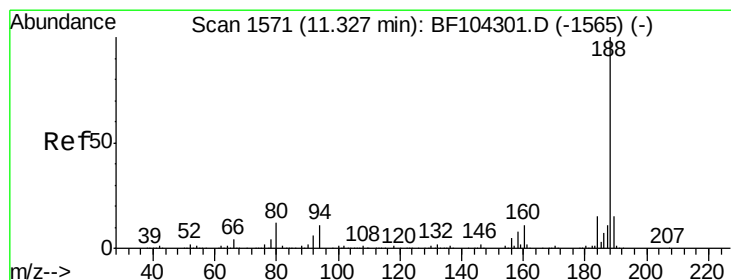
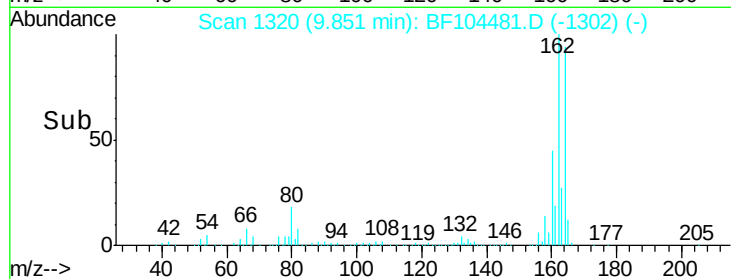
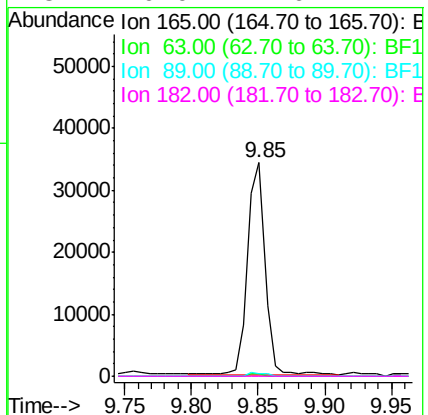
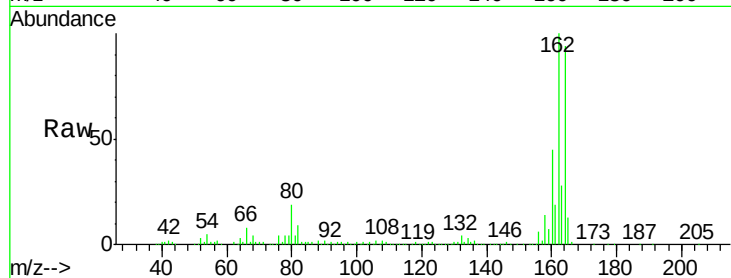




#56
 2,4-Dinitrotoluene
 Concen: 7.039 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF104481.D
 Acq: 13 Apr 2018 16:27

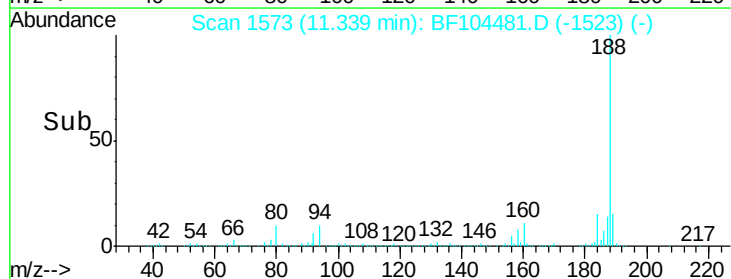
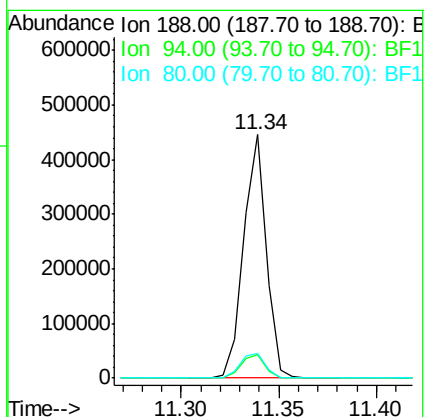
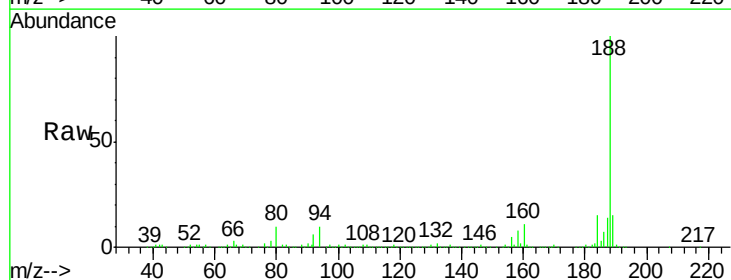
Instrument :
 BNA_F
 ClientSampled :

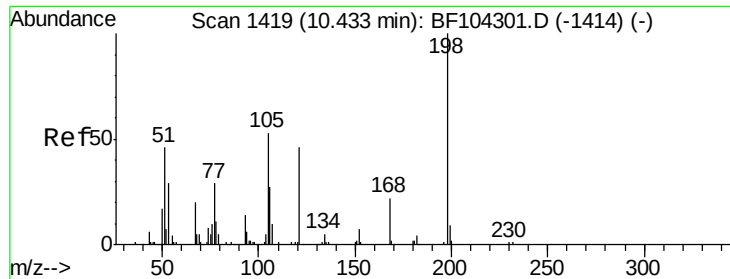
Tot Ion:	165	Resp:	30556
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF104481.D
 Acq: 13 Apr 2018 16:27

Tgt Ion:	188	Resp:	358433
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.3	9.2	13.8

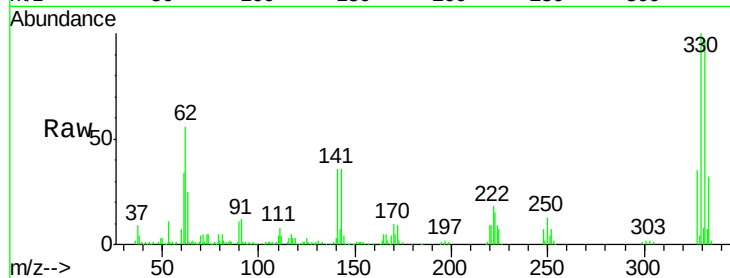




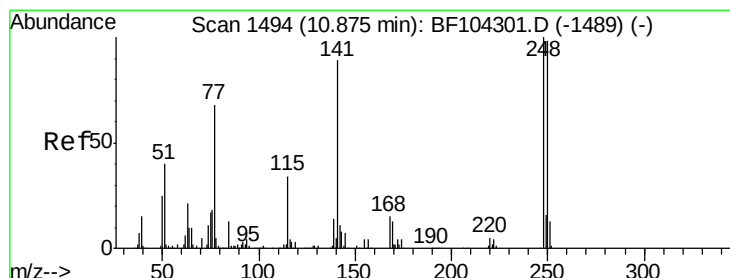
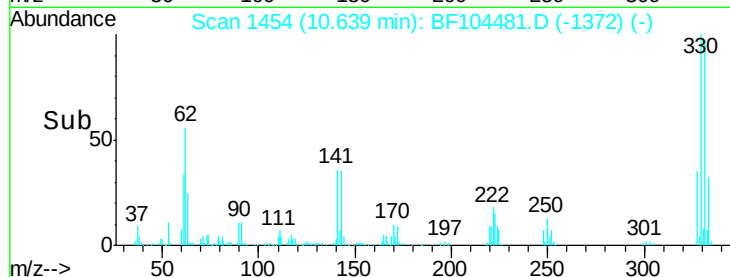
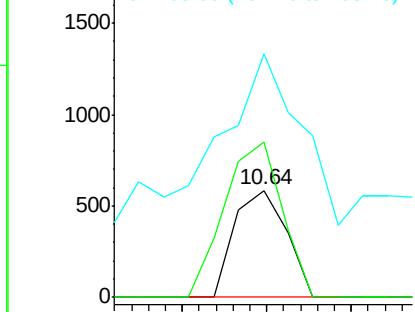
#64
4,6-Dinitro-2-methylphenol
Concen: 7.589 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 499
Ion Ratio Lower Upper
198 100
51 145.3 37.7 77.7#
105 227.7 36.3 76.3#

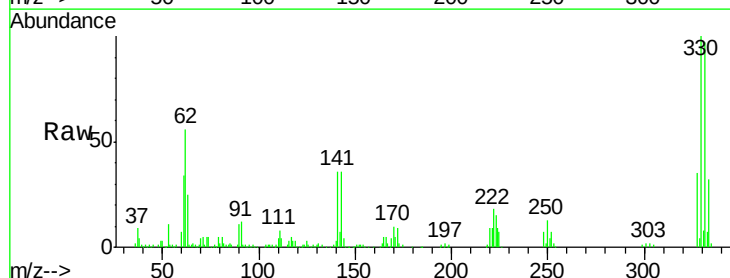


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

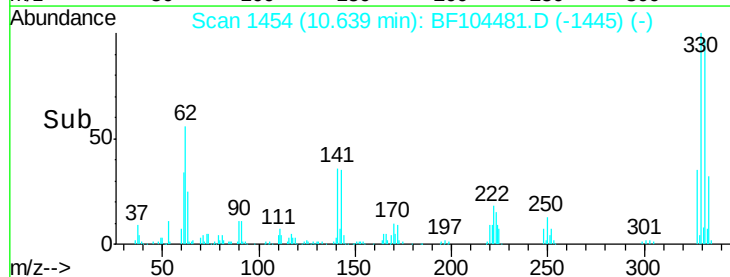
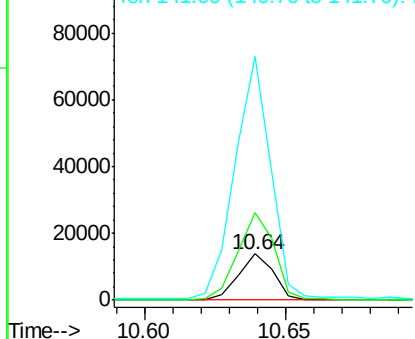


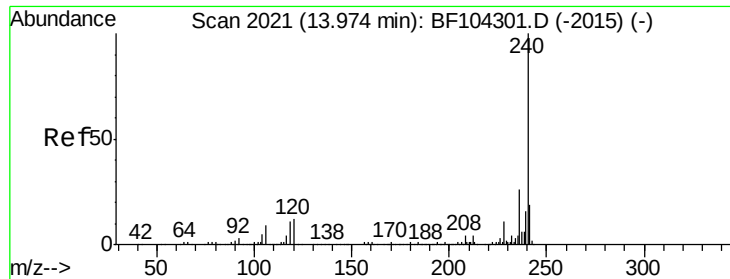
#66
4-Bromophenyl-phenylether
Concen: 3.132 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Tgt Ion:248 Resp: 11940
Ion Ratio Lower Upper
248 100
250 188.1 76.9 115.3#
141 526.6 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104481.D

Acq: 13 Apr 2018 16:27

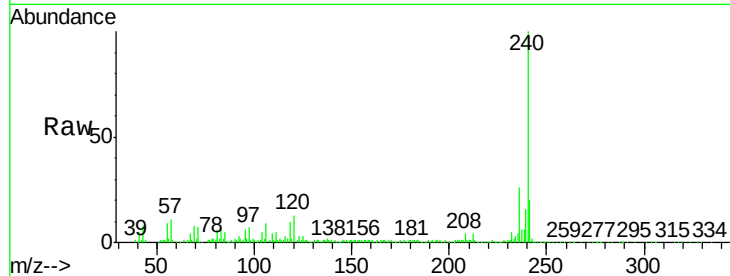
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 239150

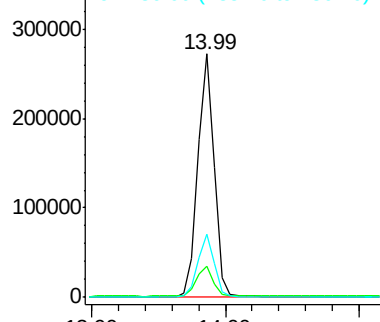
Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.9	20.7	31.1



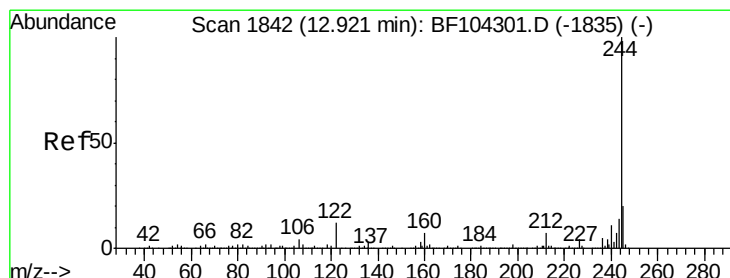
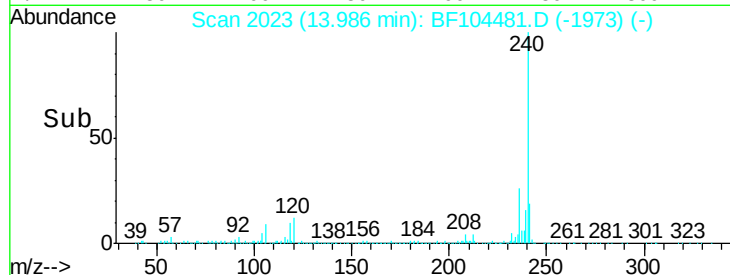
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00



#78

Terphenyl-d14

Concen: 64.772 ng

RT: 12.93 min Scan# 1843

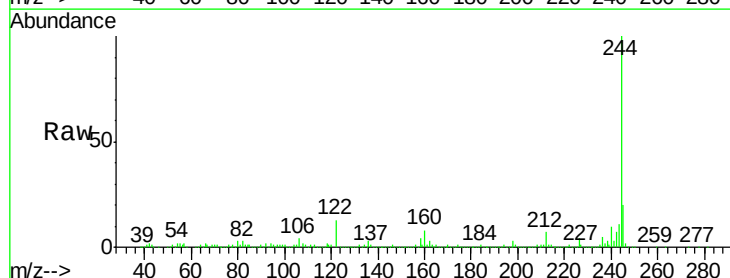
Delta R.T. -0.01 min

Lab File: BF104481.D

Acq: 13 Apr 2018 16:27

Tgt Ion:244 Resp: 679445

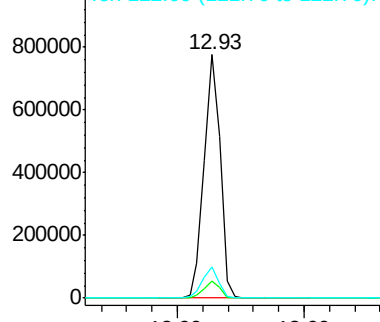
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.0	11.0	16.4



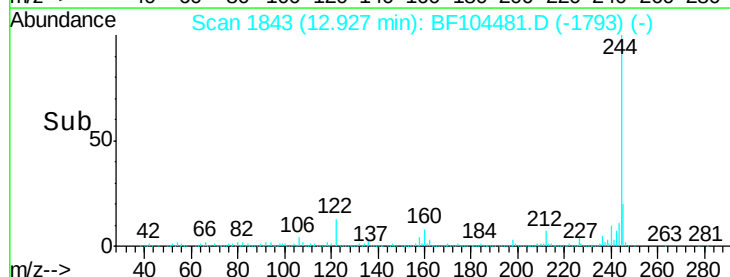
Abundance Ion 244.00 (243.70 to 244.70): E

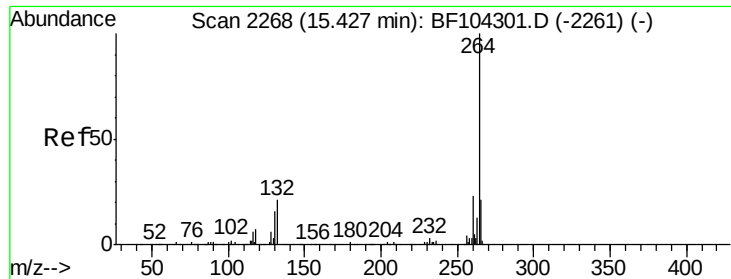
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.90 13.00

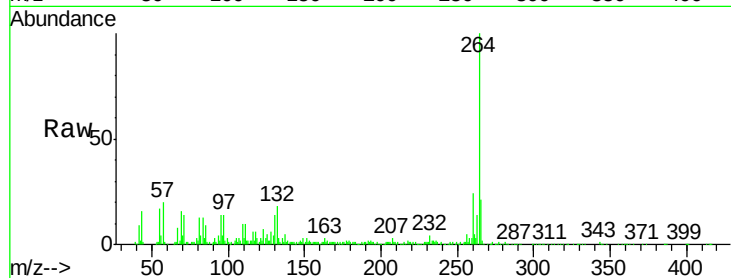




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104481.D
Acq: 13 Apr 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	17.5	26.3



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

