

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104845.D
 Acq On : 26 Apr 2018 18:53
 Operator : JU/SJ
 Sample : J2156-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 07:36:47 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

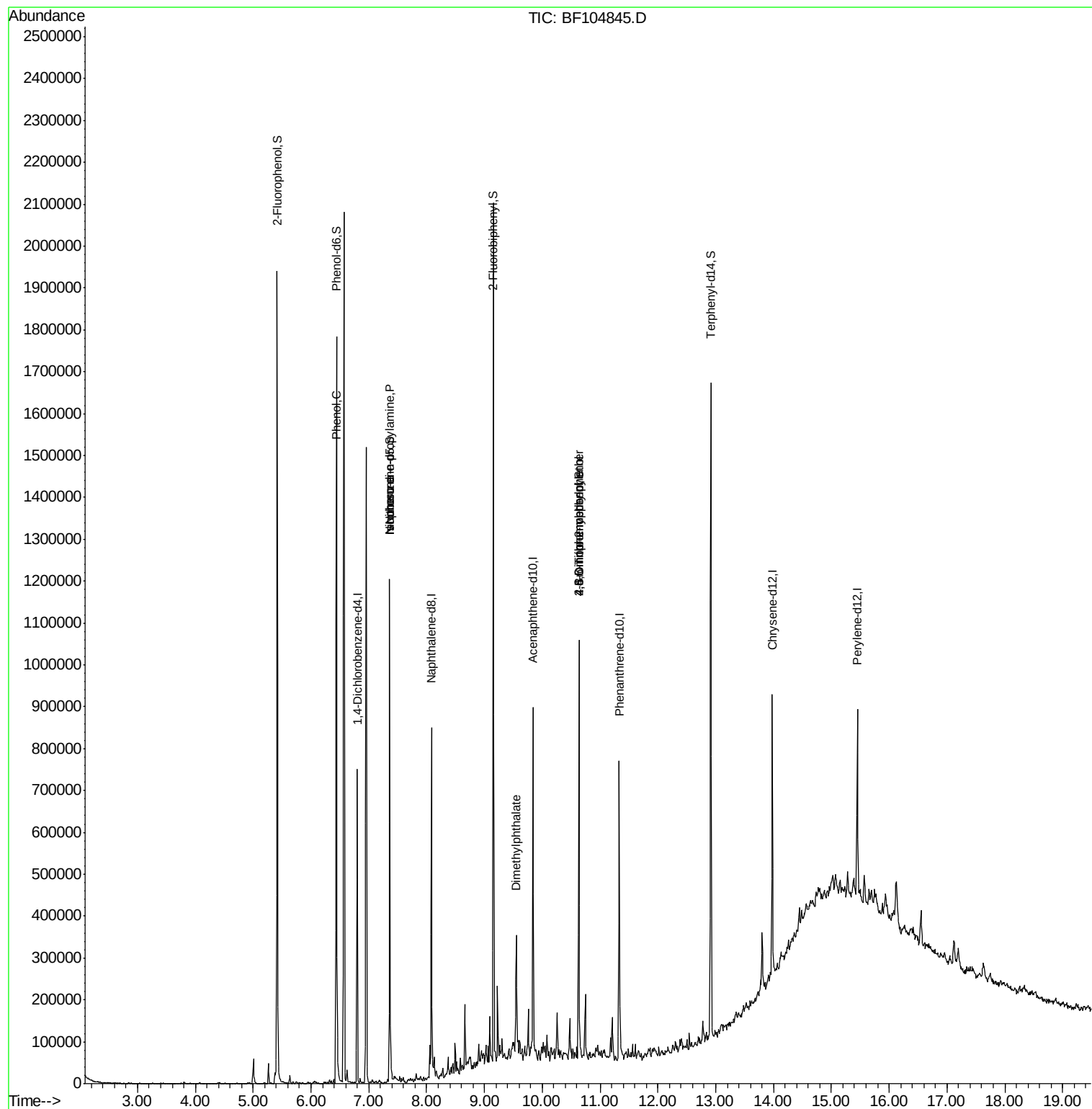
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102871	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	403354	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	154810	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	247118	20.00	ng	0.00
75) Chrysene-d12	13.98	240	233403	20.00	ng	0.00
86) Perylene-d12	15.45	264	185690	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	565569	84.07	ng	0.00
7) Phenol-d6	6.44	99	678536	82.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	409936	66.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	131223	81.71	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	581872	59.38	ng	0.00
78) Terphenyl-d14	12.92	244	472587	46.16	ng	0.00
Target Compounds						
10) Phenol	6.45	94	29244	3.334	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	51995	9.626	ng	# 74
25) Isophorone	7.36	82	409933	31.383	ng	# 64
49) Dimethylphthalate	9.55	163	66316	5.432	ng	98
64) 4,6-Dinitro-2-methylphenol	10.63	198	146	7.450	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	7809	2.971	ng	# 1
76) Benizidine	12.69	184	381	Below Cal	#	1

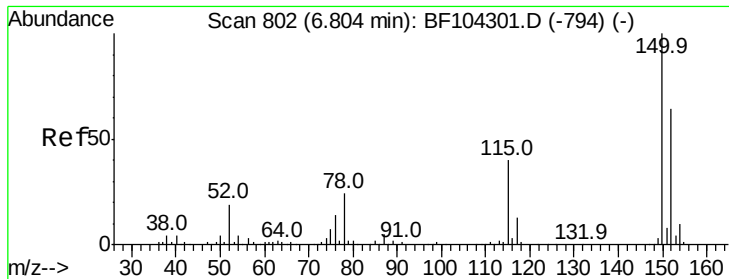
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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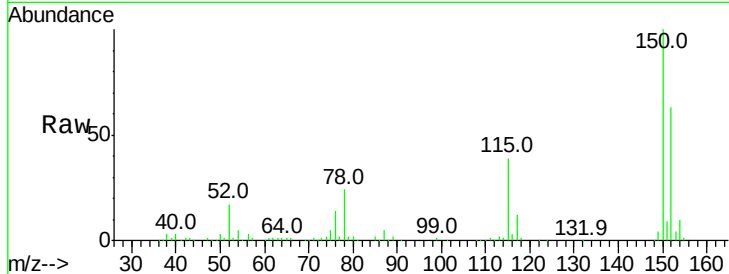


#1

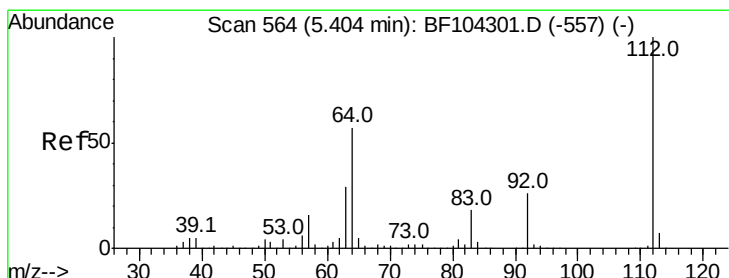
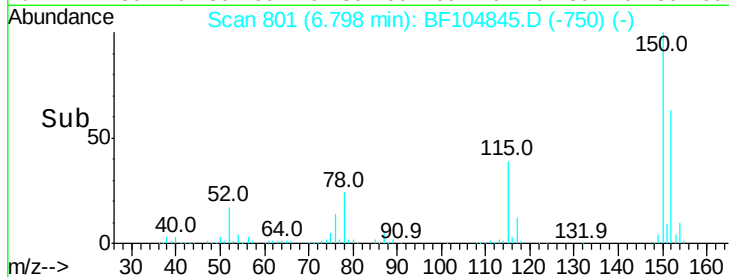
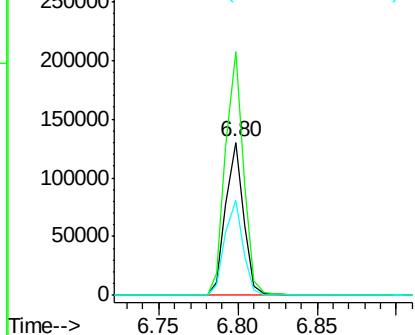
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104845.D
Acq: 26 Apr 2018 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102871
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 62.6 50.1 75.1



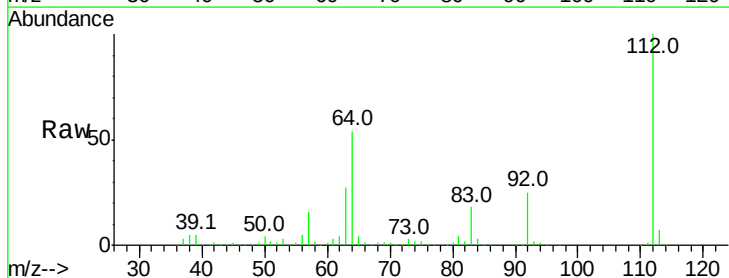
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



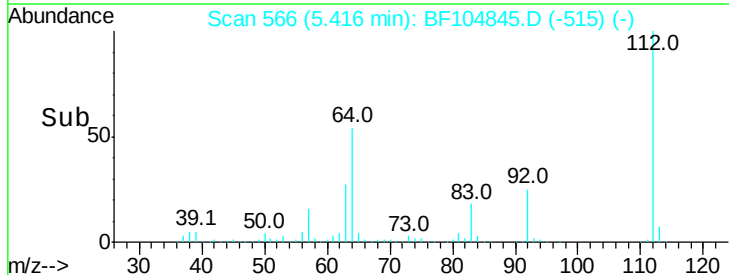
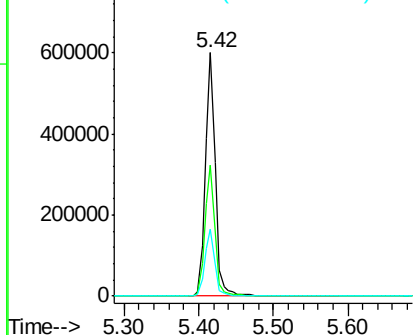
#5

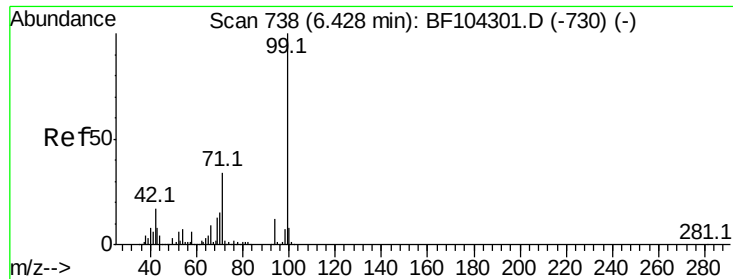
2-Fluorophenol
Concen: 84.065 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104845.D
Acq: 26 Apr 2018 18:53

Tgt Ion:112 Resp: 565569
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 27.5 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: 82.085 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104845.D

Acq: 26 Apr 2018 18:53

Instrument :

BNA_F

ClientSampled :

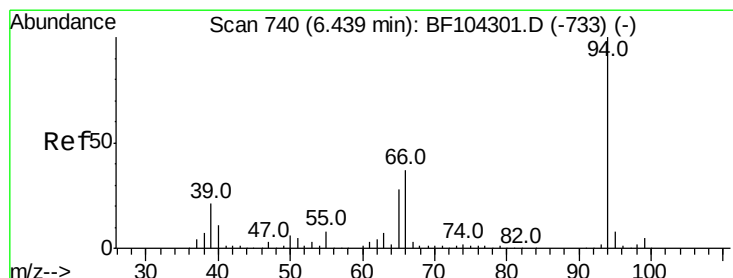
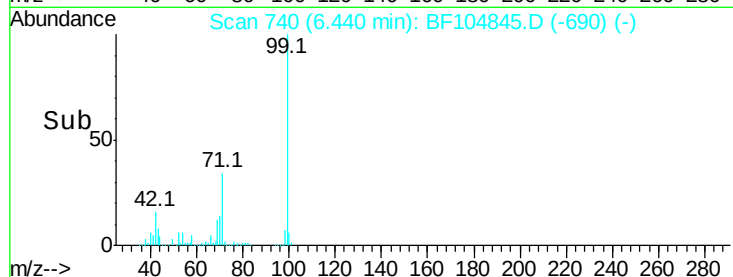
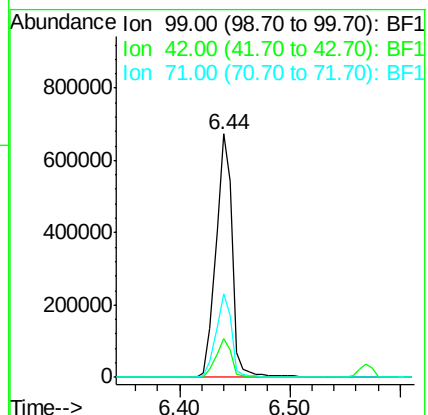
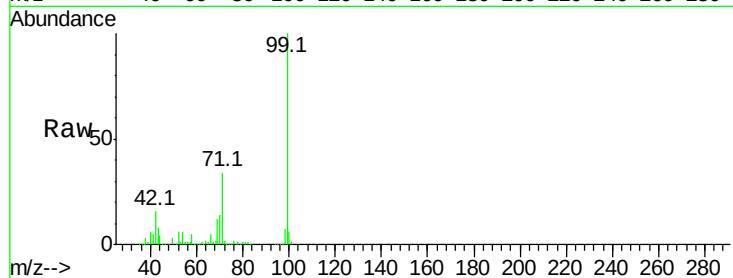
Tot Ion: 99 Resp: 678536

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 34.2 25.4 38.0



#10

Phenol

Concen: 3.334 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104845.D

Acq: 26 Apr 2018 18:53

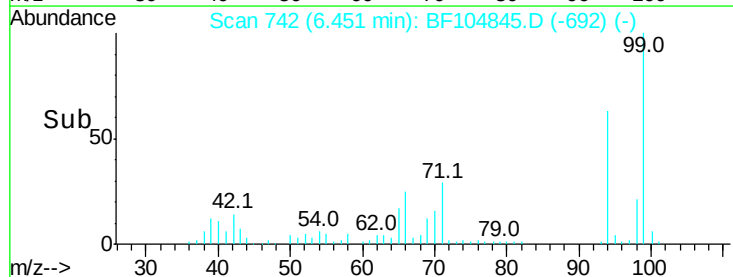
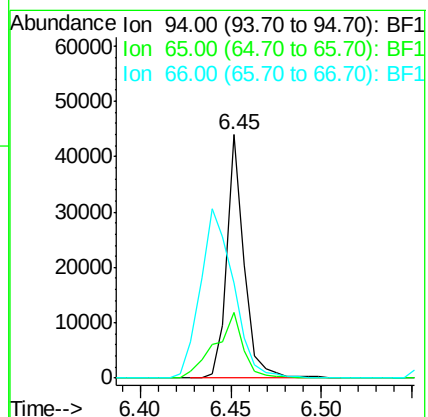
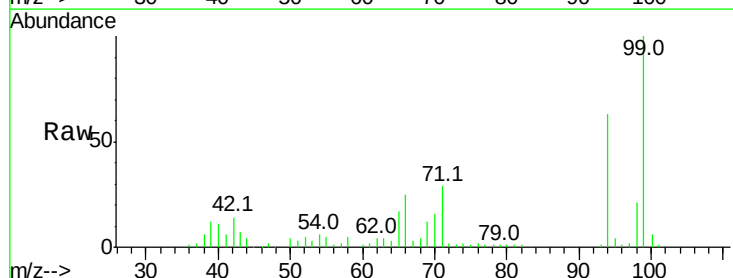
Tgt Ion: 94 Resp: 29244

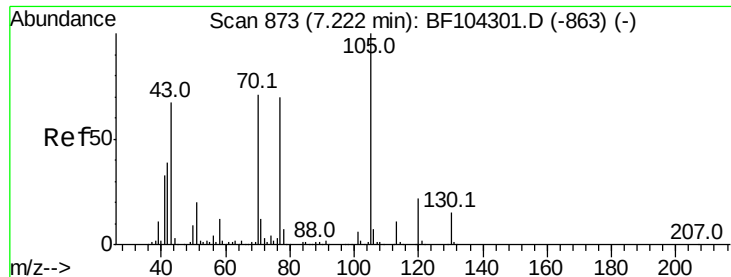
Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

66 39.0 16.2 56.2

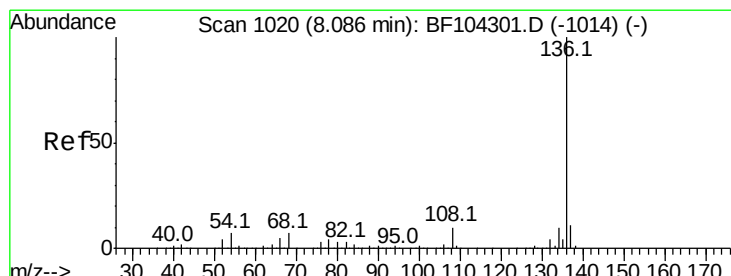
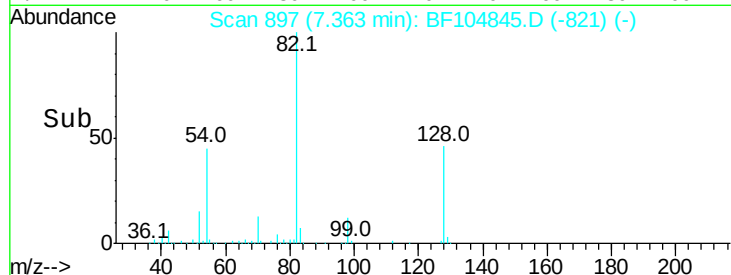
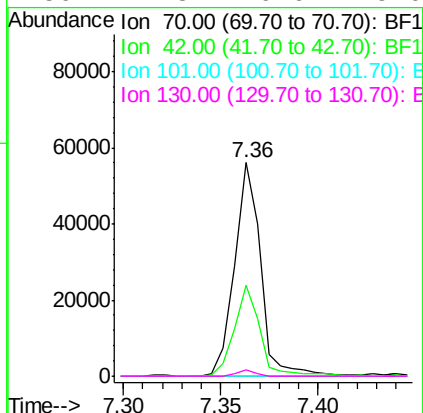
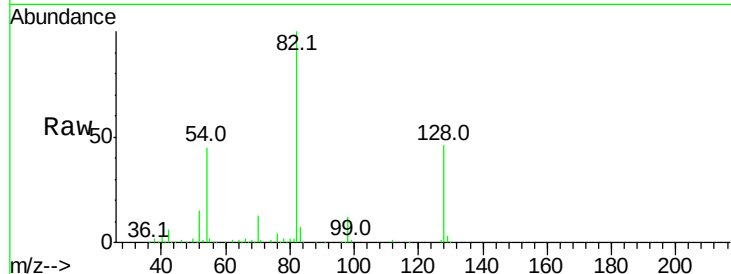




#19
n-Nitroso-di-n-propylamine
Concen: 9.626 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF104845.D
Acq: 26 Apr 2018 18:53

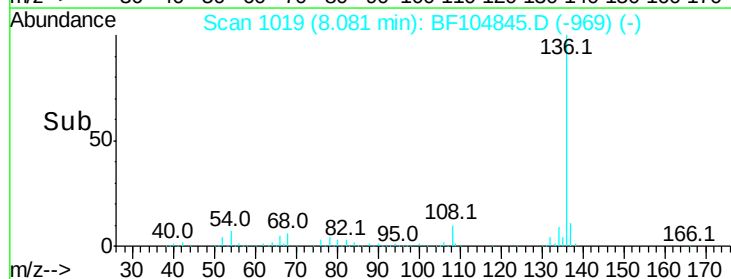
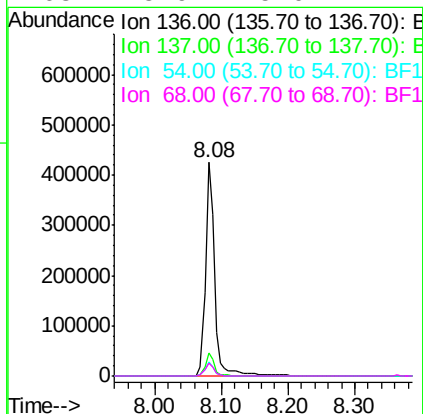
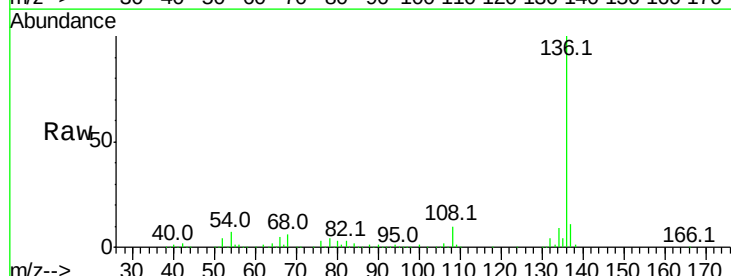
Instrument :
BNA_F
ClientSampleId :

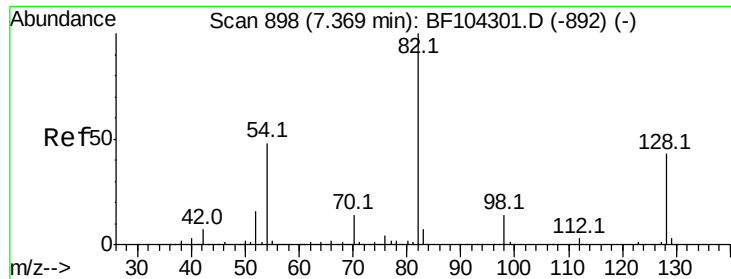
Tot Ion: 70 Resp: 51995
Ion Ratio Lower Upper
70 100
42 42.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104845.D
Acq: 26 Apr 2018 18:53

Tgt Ion:136 Resp: 403354
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.8 6.6 9.8
68 5.9 5.0 7.4

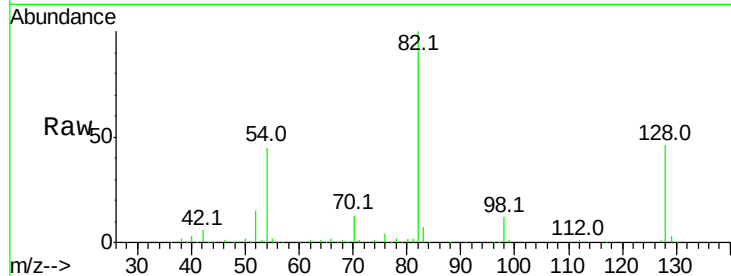




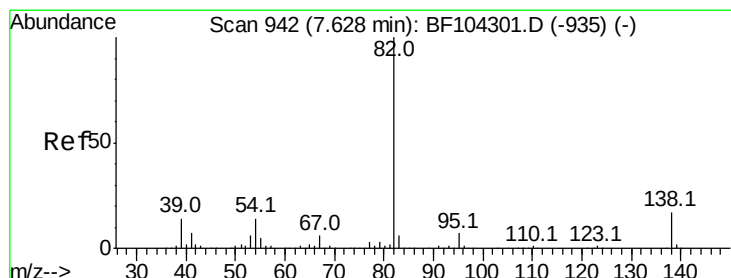
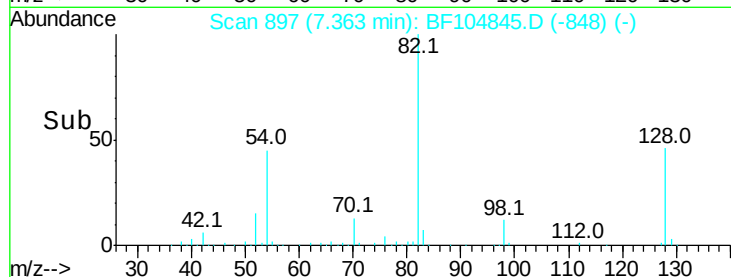
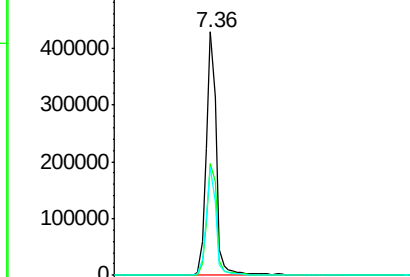
#23
Nitrobenzene-d5
Concen: 66.364 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104845.D
Acq: 26 Apr 2018 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	409936
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.1	54.1
54	44.5	41.4	62.2

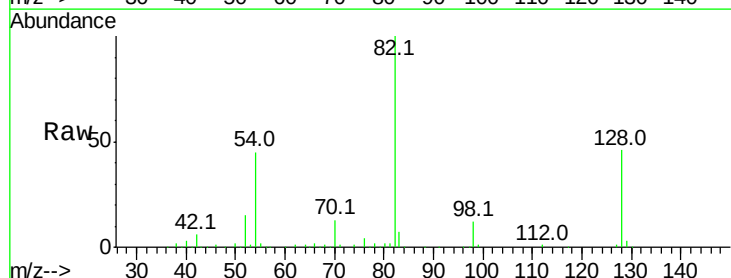


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

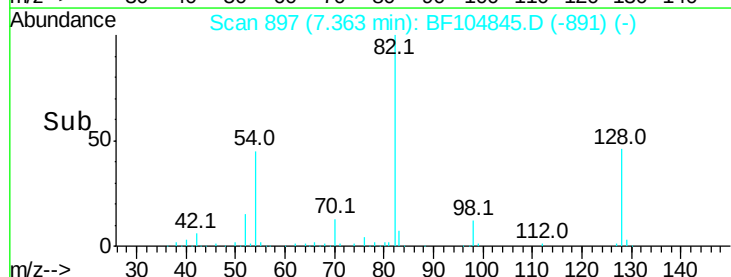
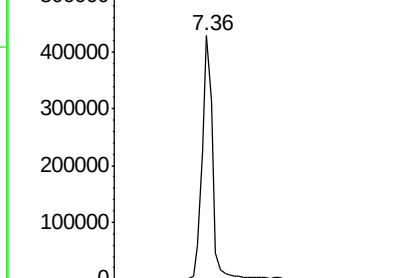


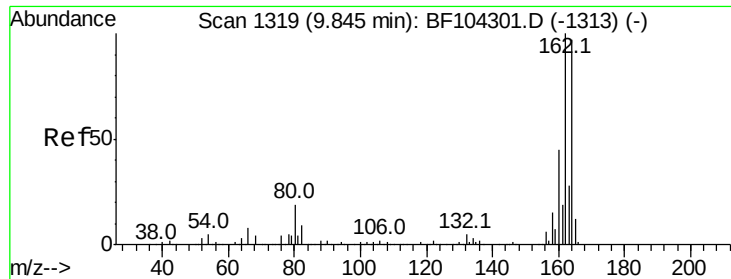
#25
Isophorone
Concen: 31.383 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF104845.D
Acq: 26 Apr 2018 18:53

Tgt Ion	82	Resp	409933
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: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104845.D

Acq: 26 Apr 2018 18:53

Instrument :

BNA_F

ClientSampleId :

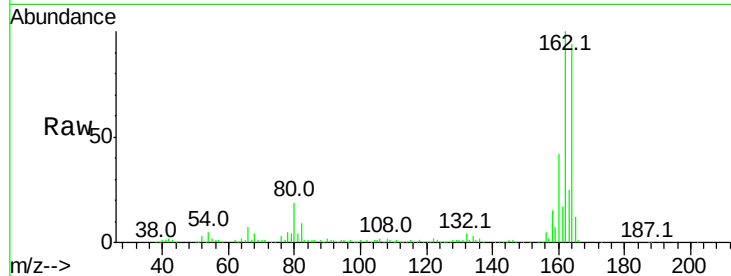
Tot Ion:164 Resp: 154810

Ion Ratio Lower Upper

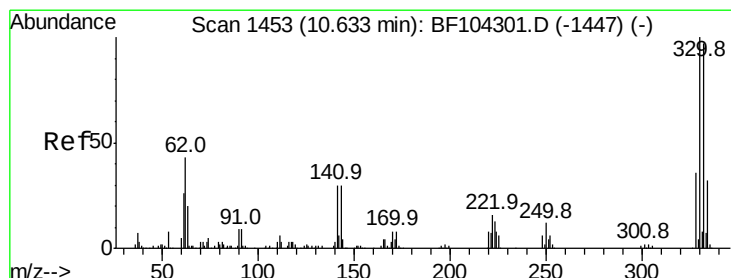
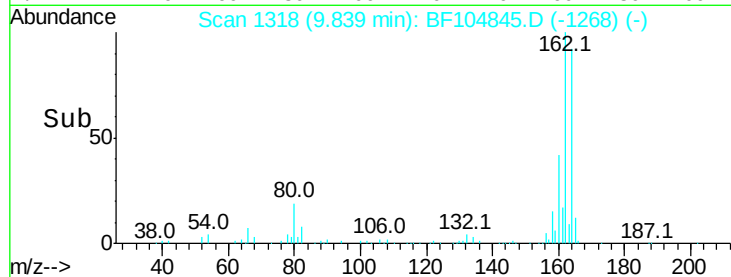
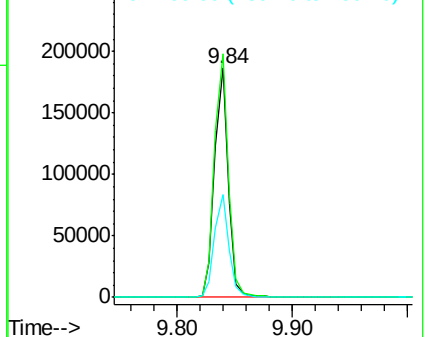
164 100

162 106.4 86.1 129.1

160 44.9 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 81.714 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104845.D

Acq: 26 Apr 2018 18:53

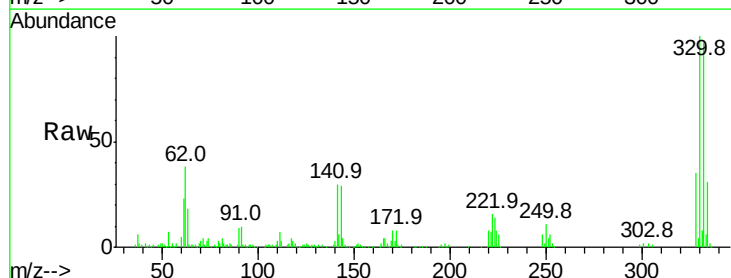
Tgt Ion:330 Resp: 131223

Ion Ratio Lower Upper

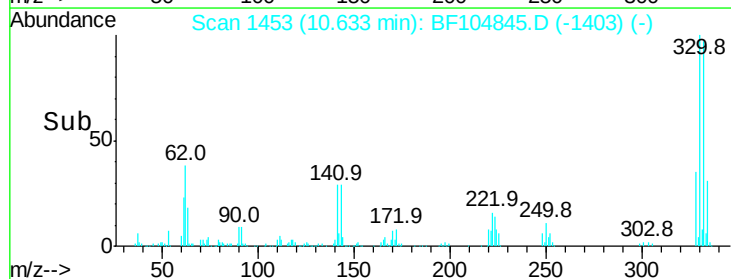
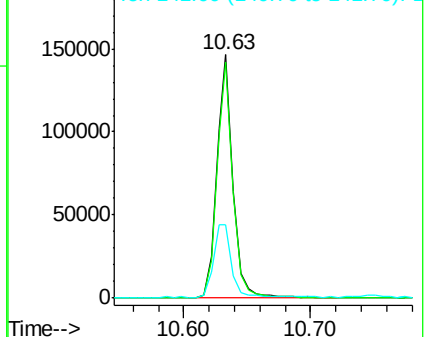
330 100

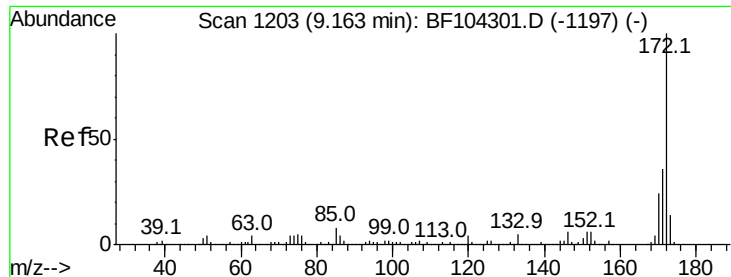
332 96.2 77.0 115.6

141 33.5 29.9 44.9



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

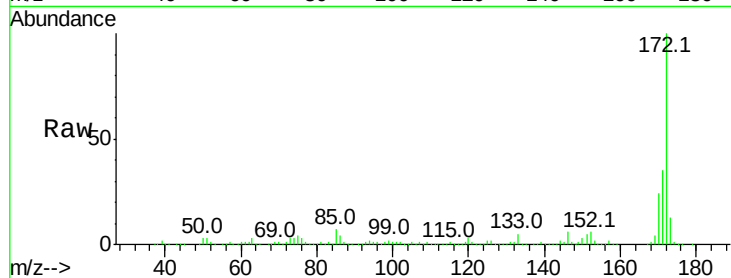




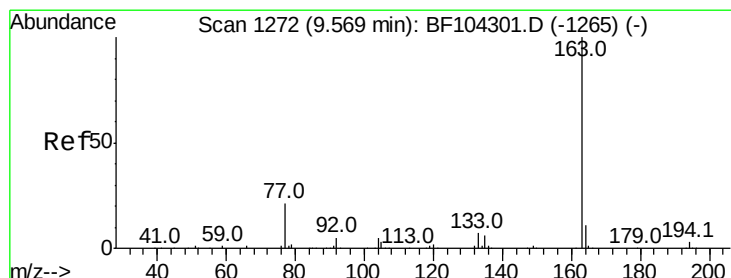
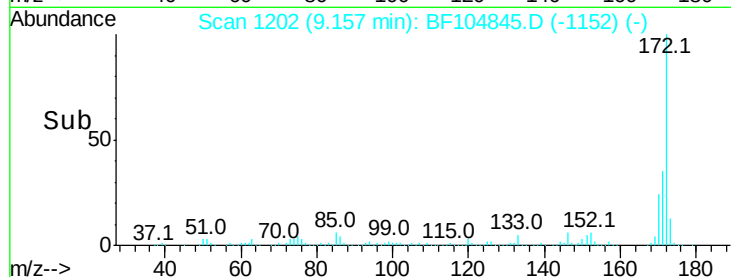
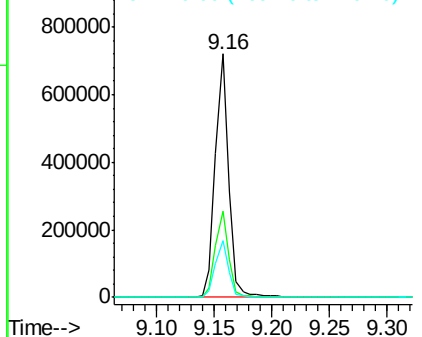
#44
2-Fluorobiphenyl
Concen: 59.377 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104845.D
Acq: 26 Apr 2018 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 581872
Ion Ratio Lower Upper
172 100
171 35.3 29.7 44.5
170 23.5 19.6 29.4

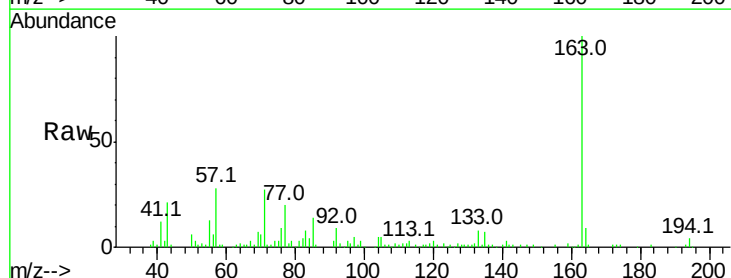


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

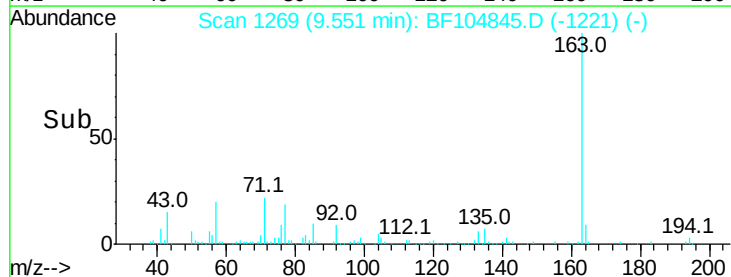
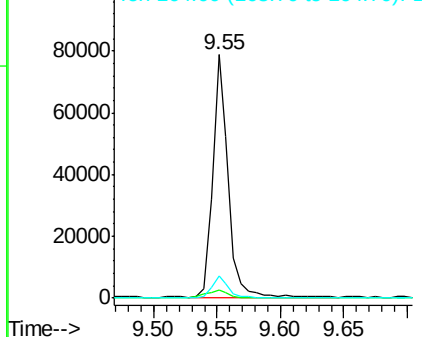


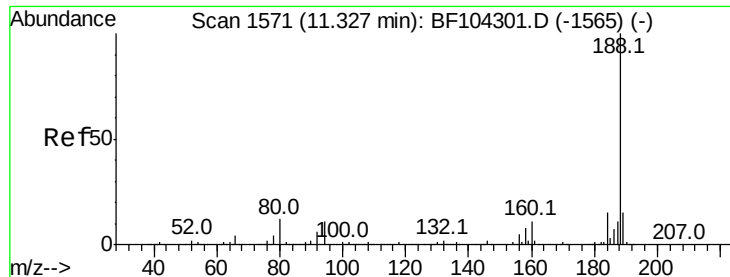
#49
Dimethylphthalate
Concen: 5.432 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104845.D
Acq: 26 Apr 2018 18:53

Tgt Ion:163 Resp: 66316
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.2 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

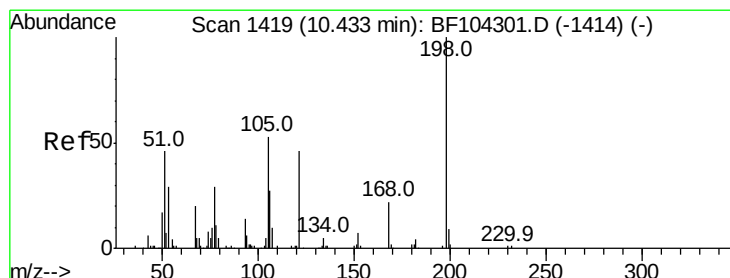
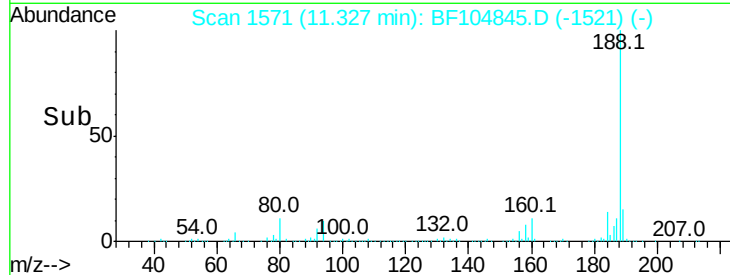
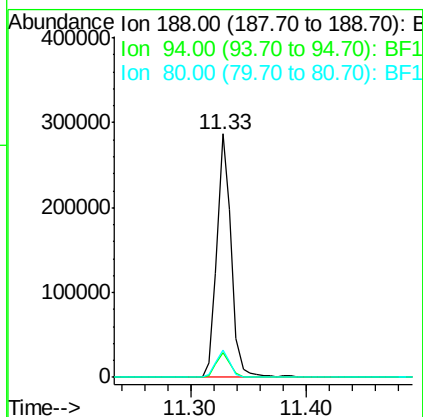
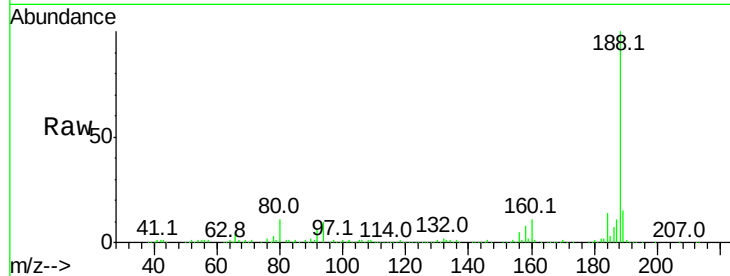




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104845.D
Acq: 26 Apr 2018 18:53

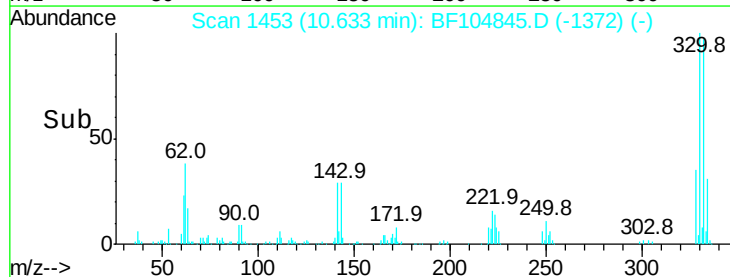
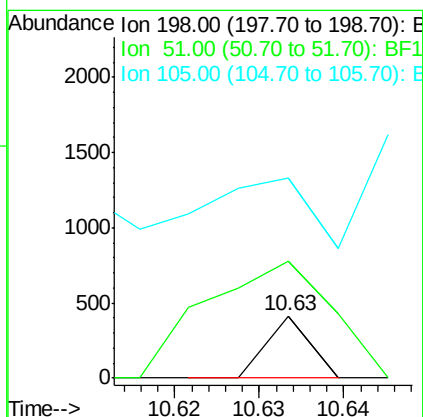
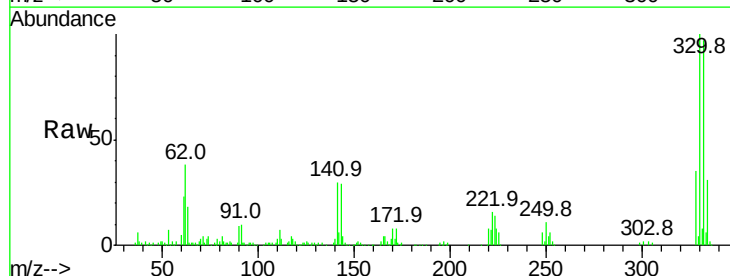
Instrument :
BNA_F
ClientSampleId :

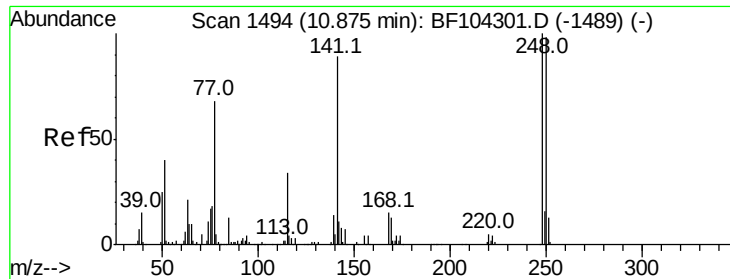
Tot Ion:188 Resp: 247118
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.450 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104845.D
Acq: 26 Apr 2018 18:53

Tgt Ion:198 Resp: 146
Ion Ratio Lower Upper
198 100
51 188.4 37.7 77.7#
105 321.7 36.3 76.3#

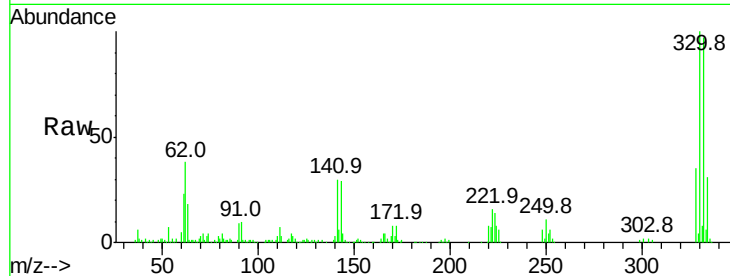




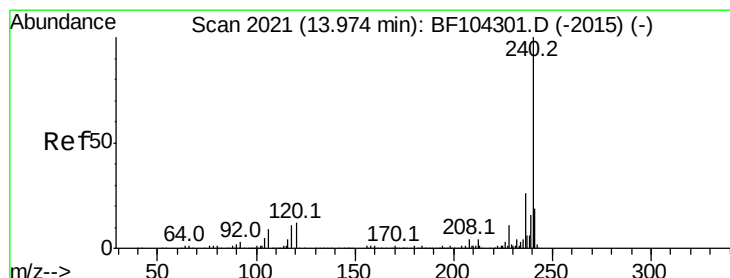
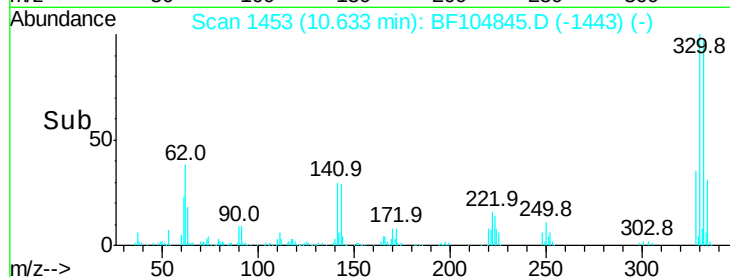
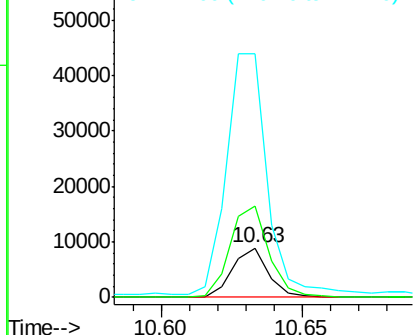
#66
4-Bromophenyl-phenylether
Concen: 2.971 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104845.D
Acq: 26 Apr 2018 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7809
Ion Ratio Lower Upper
248 100
250 185.5 76.9 115.3#
141 493.4 74.4 111.6#

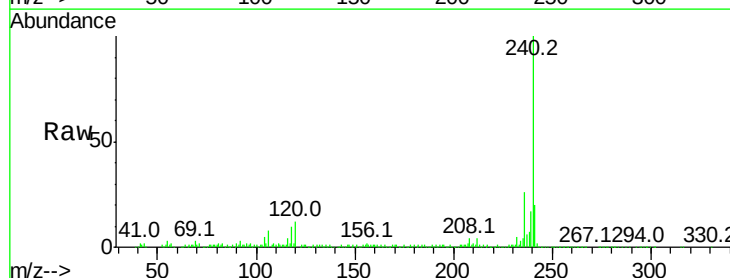


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

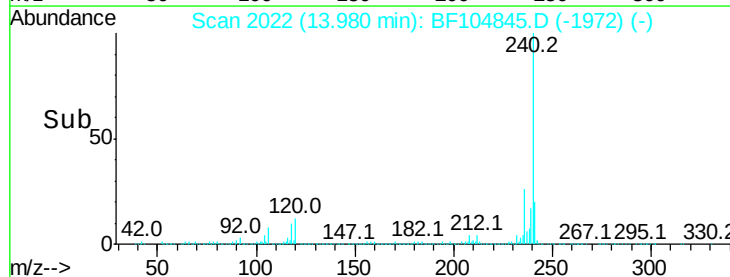
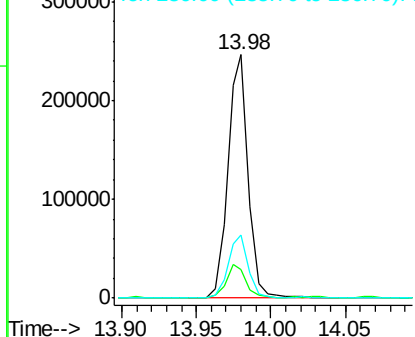


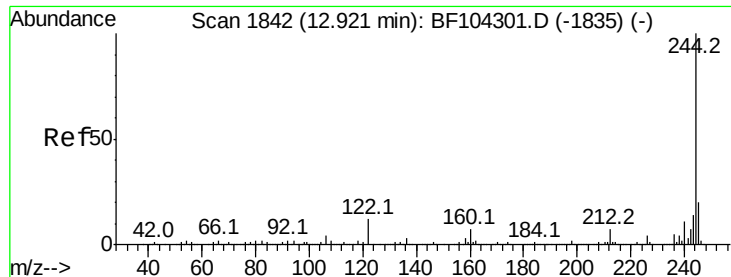
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104845.D
Acq: 26 Apr 2018 18:53

Tgt Ion:240 Resp: 233403
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 26.1 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





#78

Terphenyl-d14

Concen: 46.161 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104845.D

Acq: 26 Apr 2018 18:53

Instrument :

BNA_F

ClientSampleId :

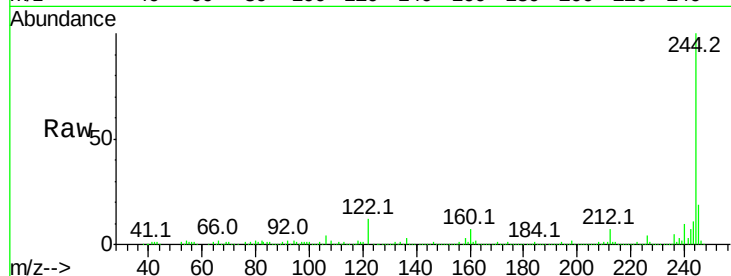
Tot Ion:244 Resp: 472587

Ion Ratio Lower Upper

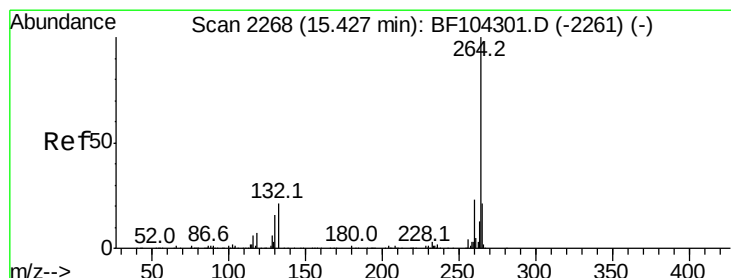
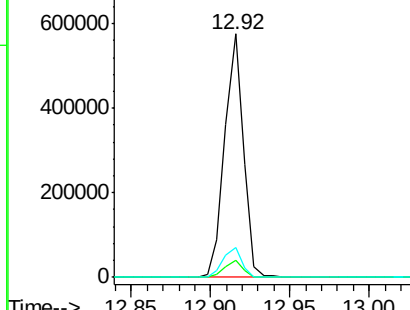
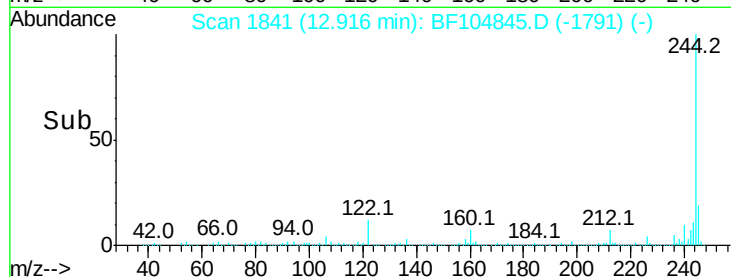
244 100

212 6.8 5.4 8.0

122 12.0 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

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF104845.D

Acq: 26 Apr 2018 18:53

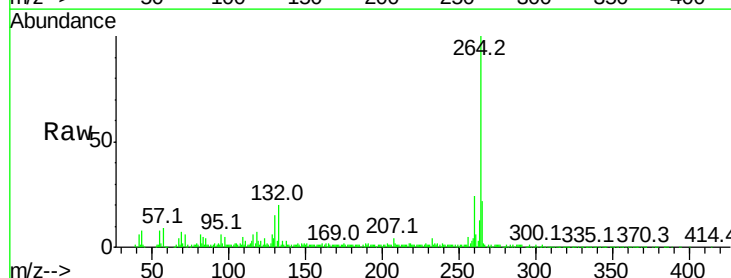
Tgt Ion:264 Resp: 185690

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.5 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

