

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096848.D
 Acq On : 18 Jul 2017 15:21
 Operator : SJ/JU
 Sample : I4223-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1E

Quant Time: Jul 18 16:47:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	105541	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	477159	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	198429	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	347459	20.00	ng	0.00
75) Chrysene-d12	13.72	240	255022	20.00	ng	-0.01
86) Perylene-d12	15.09	264	178547	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	920530	131.14	ng	0.02
7) Phenol-d6	6.26	99	1183892	140.55	ng	0.00
23) Nitrobenzene-d5	7.16	82	747244	97.00	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	251125	148.26	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1269068	101.05	ng	0.00
78) Terphenyl-d14	12.69	244	1000224	68.02	ng	0.00

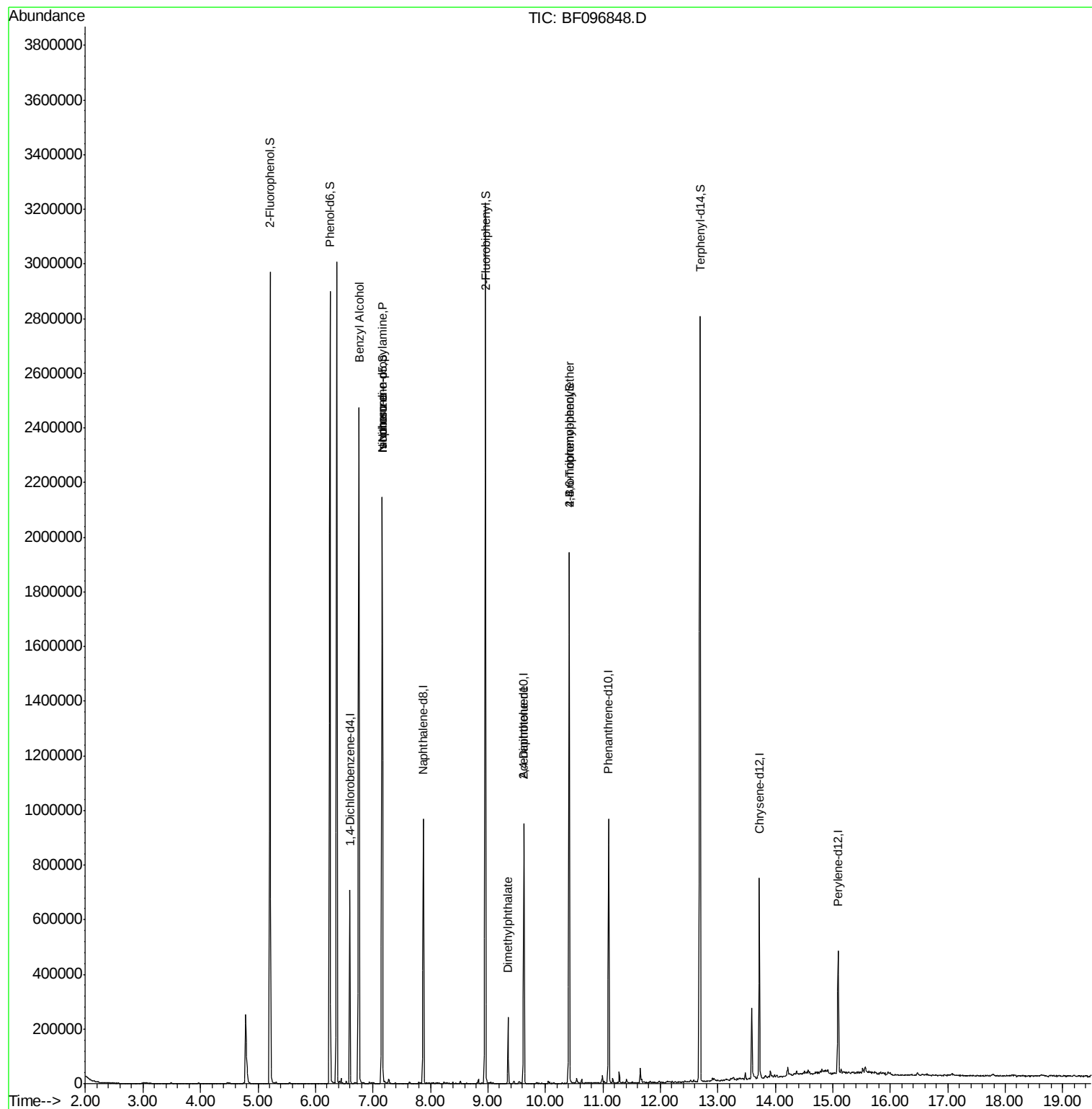
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.75	79	11293	2.048	ng	# 44
19) n-Nitroso-di-n-propylamine	7.16	70	100525	19.809	ng	# 87
25) Isophorone	7.16	82	746678	52.104	ng	# 67
49) Dimethylphthalate	9.35	163	90460	6.054	ng	# 98
56) 2,4-Dinitrotoluene	9.63	165	24301	5.844	ng	# 32
66) 4-Bromophenyl-phenylether	10.42	248	16327	4.602	ng	# 1

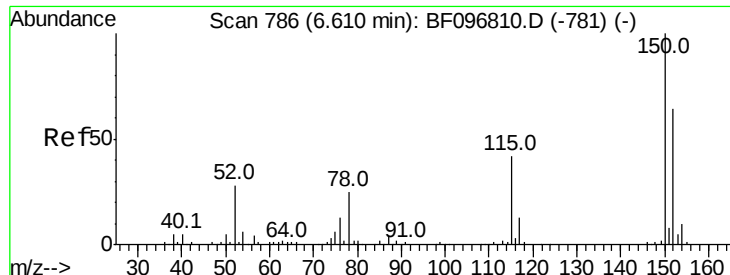
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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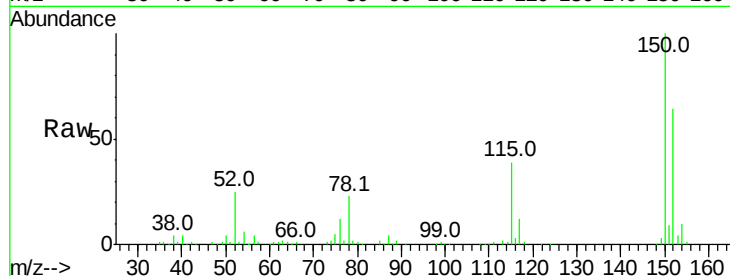


#1

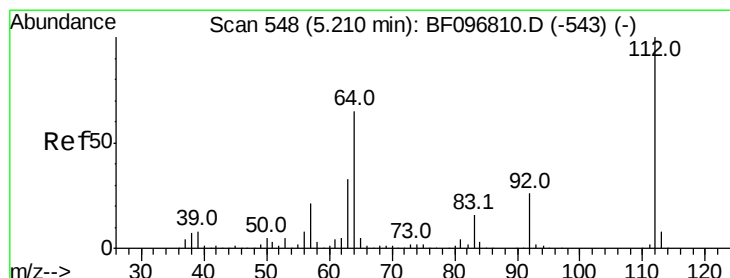
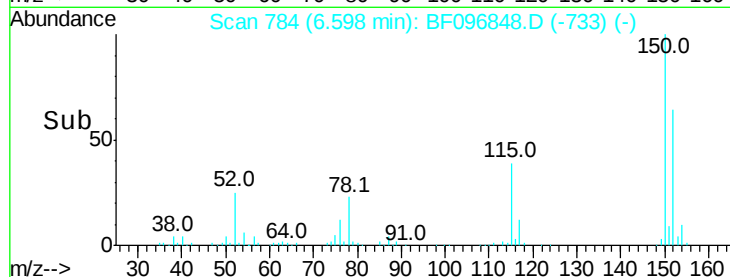
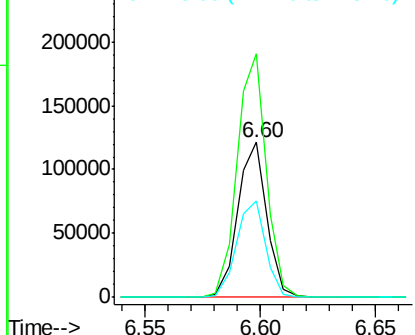
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096848.D
Acq: 18 Jul 2017 15:21

Instrument :
BNA_F
ClientSampleId :
WC071417-1E

Tot Ion:152 Resp: 105541
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 61.9 52.2 78.2



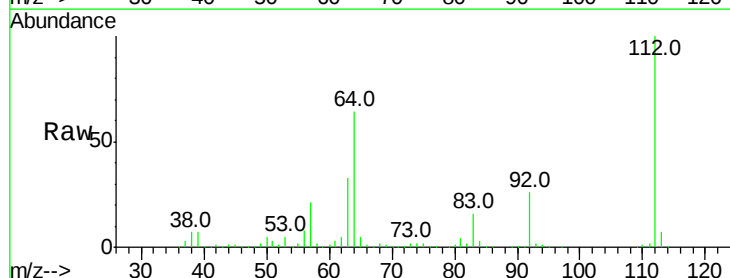
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



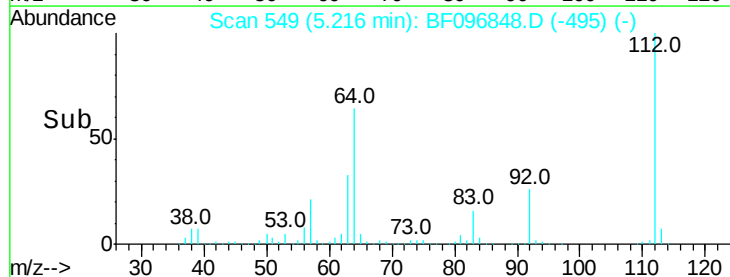
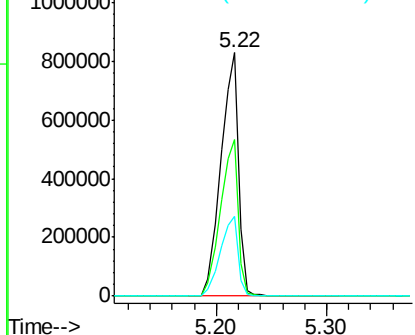
#5

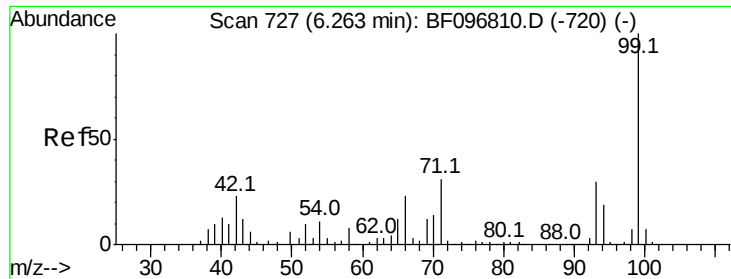
2-Fluorophenol
Concen: 131.143 ng
RT: 5.22 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF096848.D
Acq: 18 Jul 2017 15:21

Tgt Ion:112 Resp: 920530
Ion Ratio Lower Upper
112 100
64 64.2 46.0 69.0
63 32.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.549 ng

RT: 6.26 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF096848.D

Acq: 18 Jul 2017 15:21

Instrument :

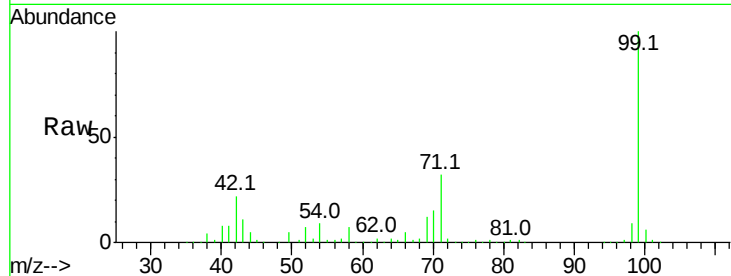
BNA_F

ClientSampleId :

WC071417-1E

Tot Ion: 99 Resp: 1183892

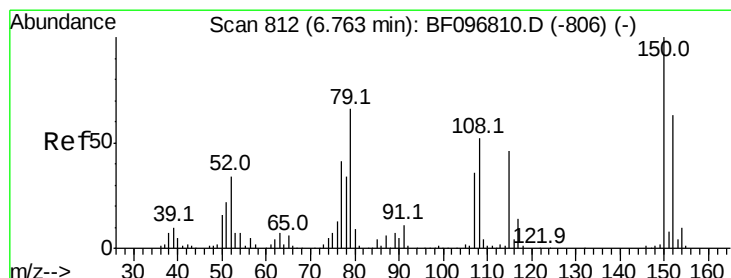
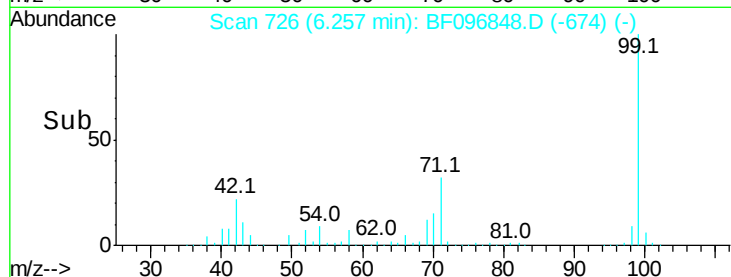
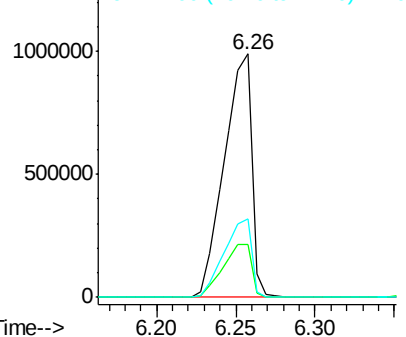
Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	32.0	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.048 ng

RT: 6.75 min Scan# 810

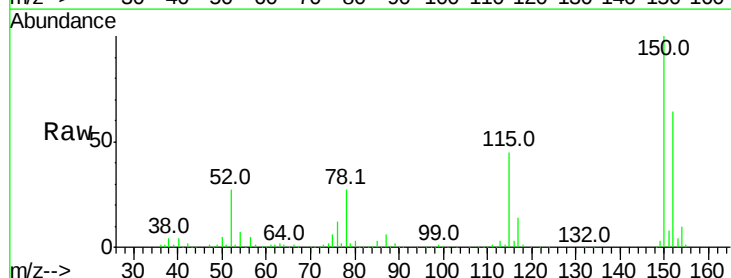
Delta R.T. 0.00 min

Lab File: BF096848.D

Acq: 18 Jul 2017 15:21

Tgt Ion: 79 Resp: 11293

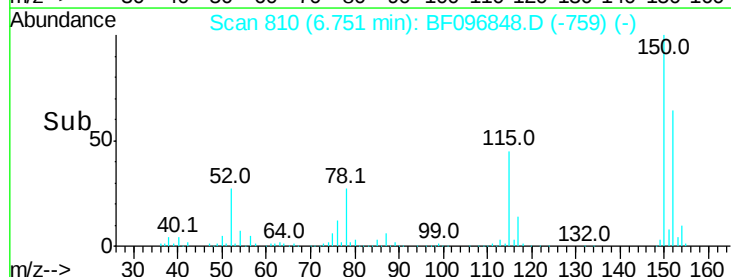
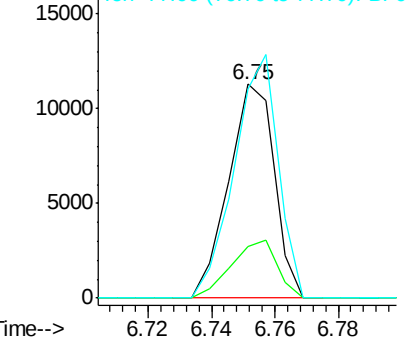
Ion	Ratio	Lower	Upper
79	100		
108	24.1	63.4	95.0#
77	97.8	49.2	73.8#

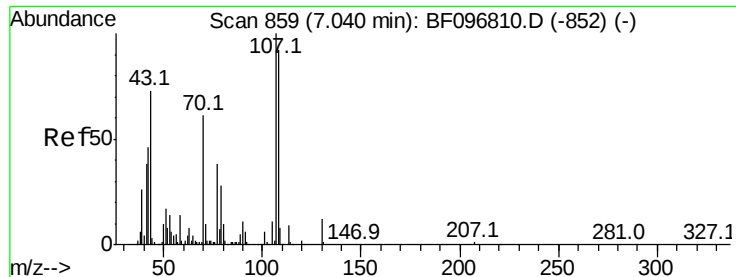


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

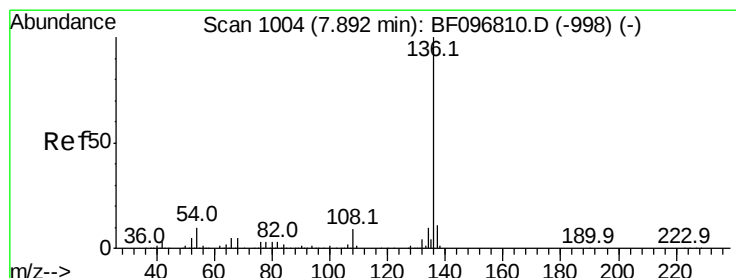
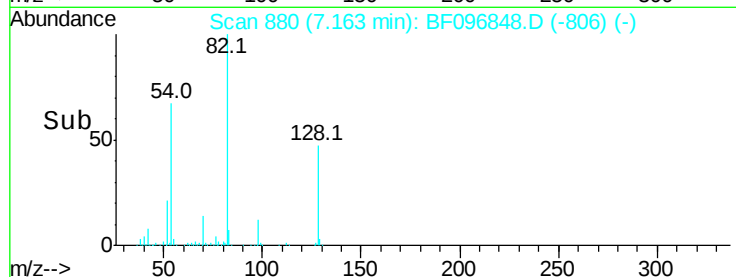
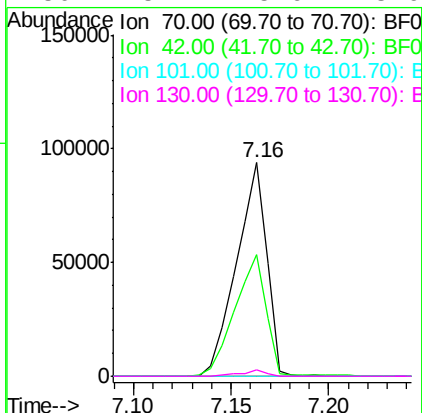
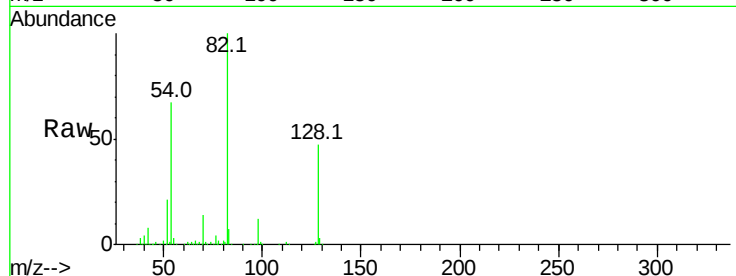




#19
n-Nitroso-di-n-propylamine
Concen: 19.809 ng
RT: 7.16 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF096848.D
Acq: 18 Jul 2017 15:21

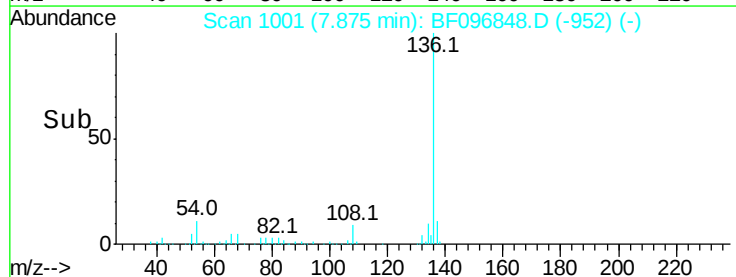
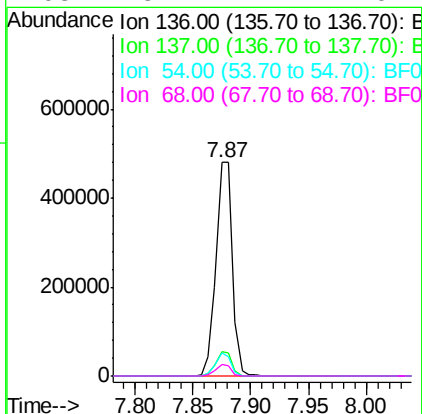
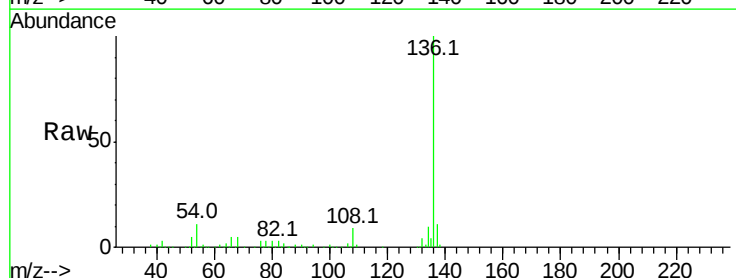
Instrument :
BNA_F
ClientSampleId :
WC071417-1E

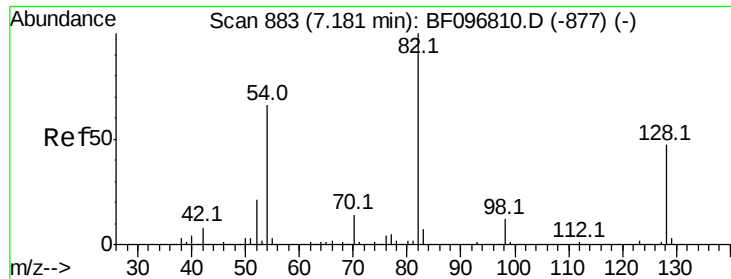
Tot Ion: 70 Resp: 100525
Ion Ratio Lower Upper
70 100
42 57.0 47.2 70.8
101 0.0 7.2 10.8#
130 3.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096848.D
Acq: 18 Jul 2017 15:21

Tgt Ion: 136 Resp: 477159
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.0 4.9 7.3#
68 5.1 4.1 6.1

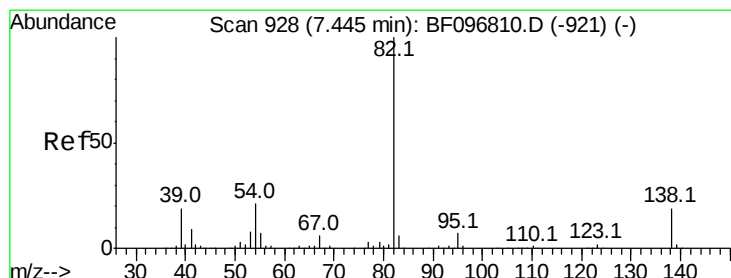
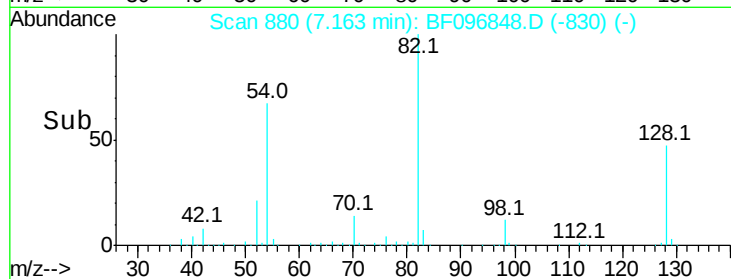
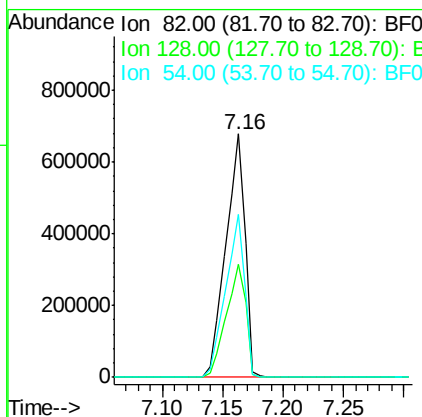
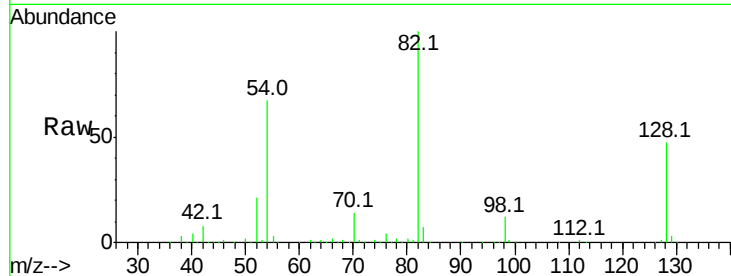




#23
 Nitrobenzene-d5
 Concen: 97.001 ng
 RT: 7.16 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096848.D
 Acq: 18 Jul 2017 15:21

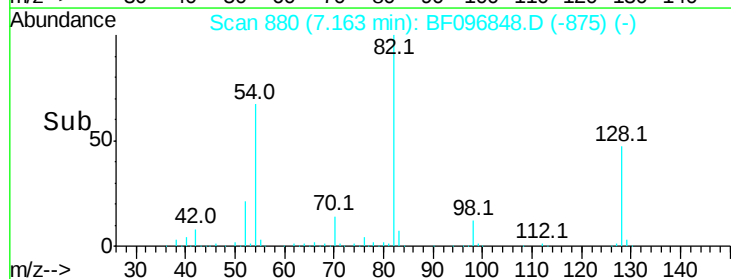
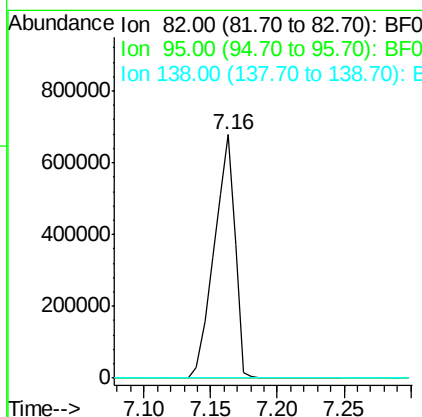
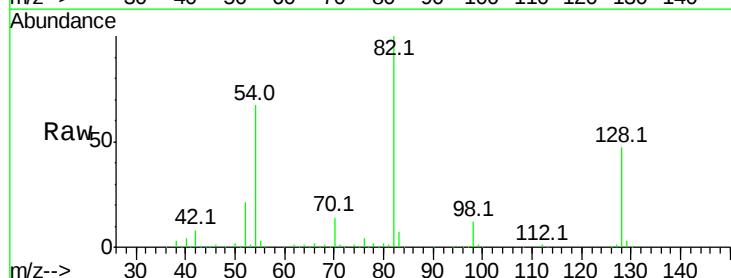
Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1E

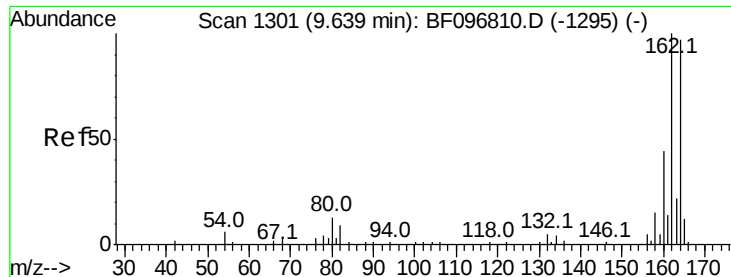
Tot Ion: 82 Resp: 747244
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 67.2 42.2 63.2#



#25
 Isophorone
 Concen: 52.104 ng
 RT: 7.16 min Scan# 880
 Delta R.T. -0.27 min
 Lab File: BF096848.D
 Acq: 18 Jul 2017 15:21

Tgt Ion: 82 Resp: 746678
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

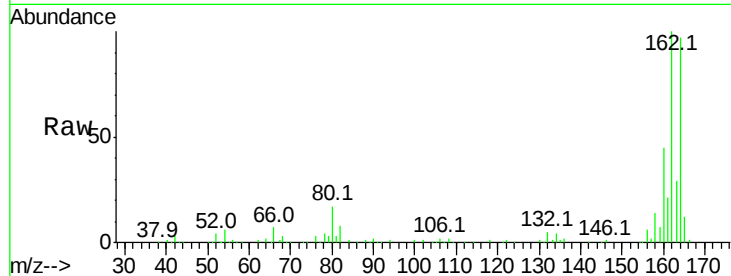




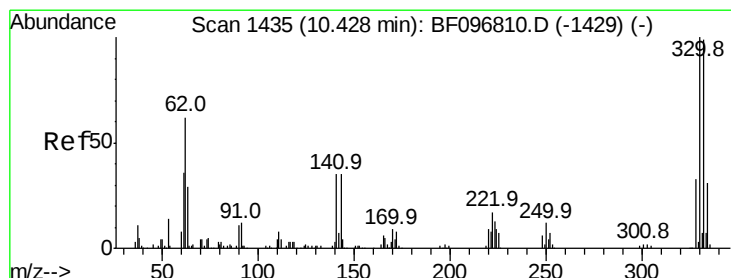
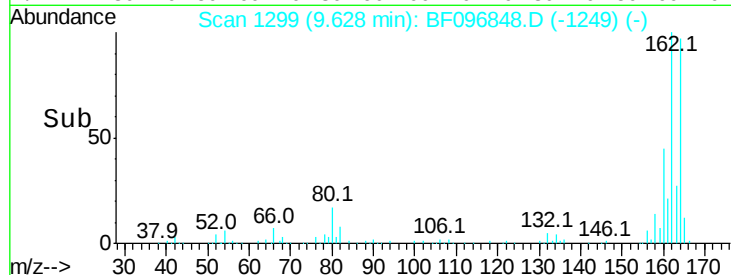
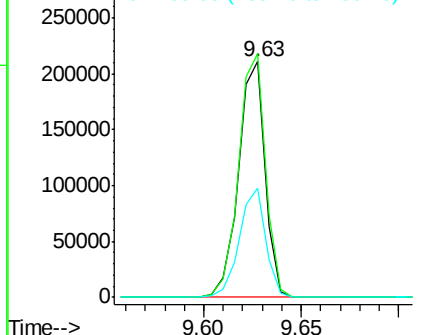
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096848.D
Acq: 18 Jul 2017 15:21

Instrument :
BNA_F
ClientSampleId :
WC071417-1E

Tot Ion:164 Resp: 198429
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 46.5 36.2 54.2

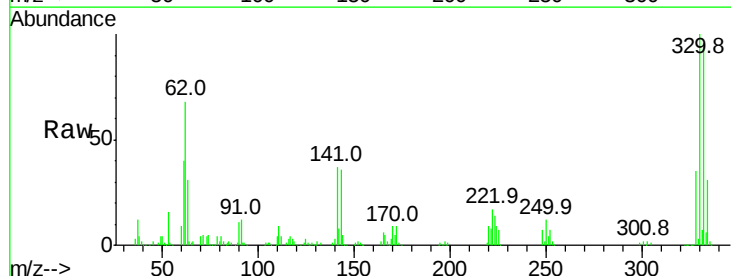


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

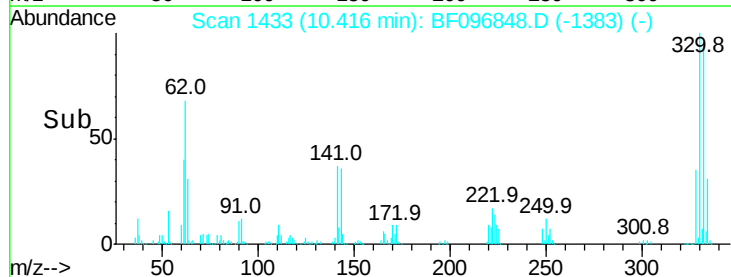
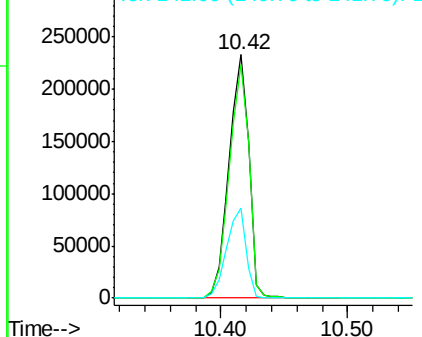


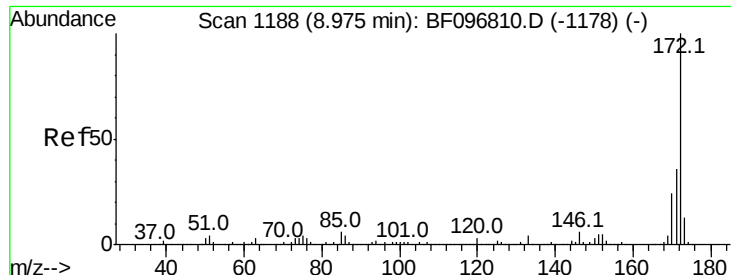
#41
2,4,6-Tribromophenol
Concen: 148.265 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096848.D
Acq: 18 Jul 2017 15:21

Tgt Ion:330 Resp: 251125
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 36.4 31.4 47.2



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

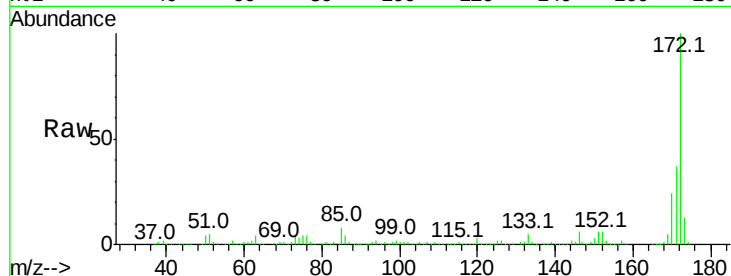




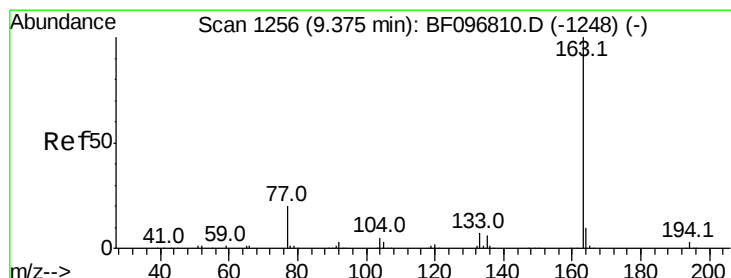
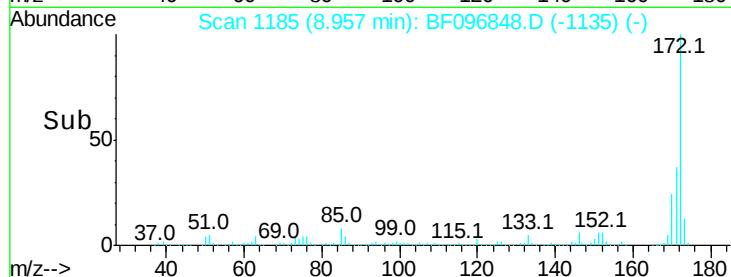
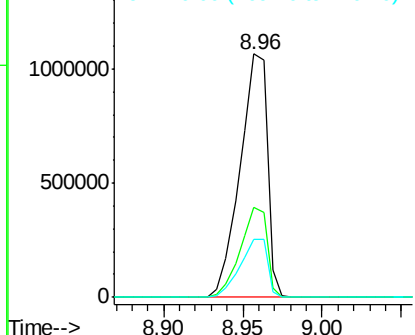
#44
2-Fluorobiphenyl
Concen: 101.045 ng
RT: 8.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096848.D
Acq: 18 Jul 2017 15:21

Instrument :
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ClientSampleId :
WC071417-1E

Tot Ion:172 Resp: 1269068
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 23.9 19.8 29.8

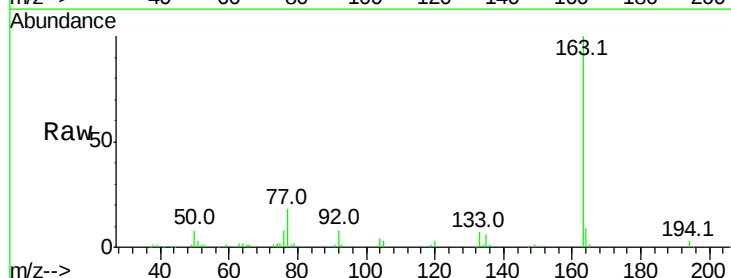


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

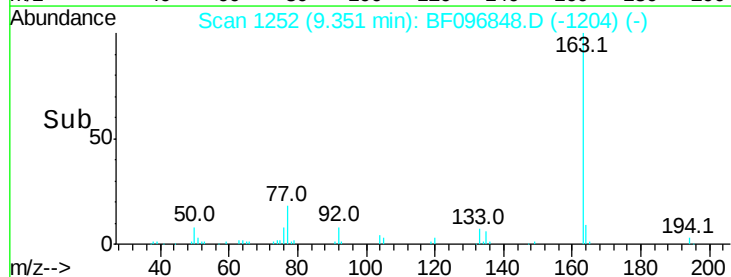
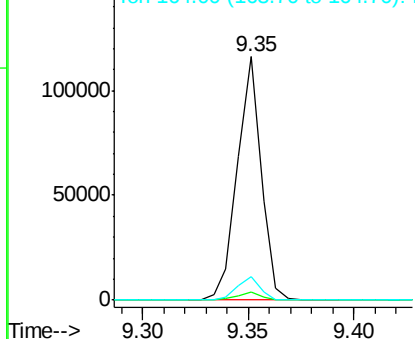


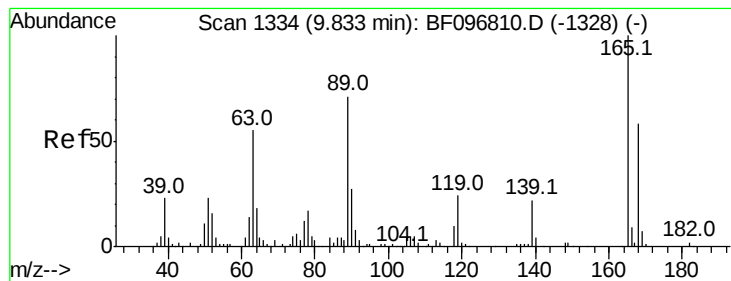
#49
Dimethylphthalate
Concen: 6.054 ng
RT: 9.35 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096848.D
Acq: 18 Jul 2017 15:21

Tgt Ion:163 Resp: 90460
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.4 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





#56

2,4-Dinitrotoluene

Concen: 5.844 ng

RT: 9.63 min Scan# 1299

Delta R.T. -0.20 min

Lab File: BF096848.D

Acq: 18 Jul 2017 15:21

Instrument :

BNA_F

ClientSampleId :

WC071417-1E

Tot Ion:165 Resp: 24301

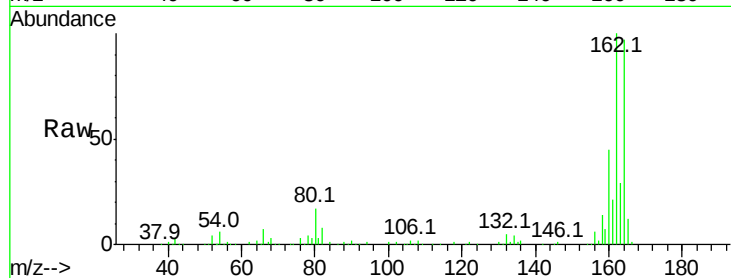
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 1.4 46.4 69.6#

182 0.0 1.8 2.6#

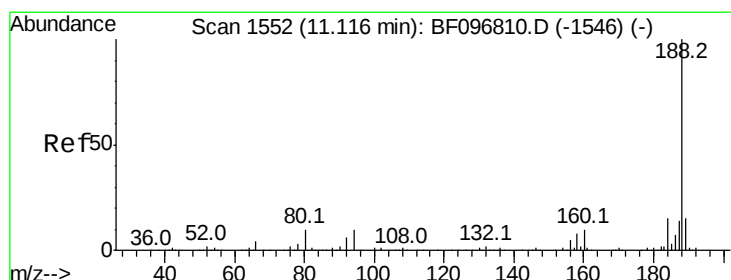
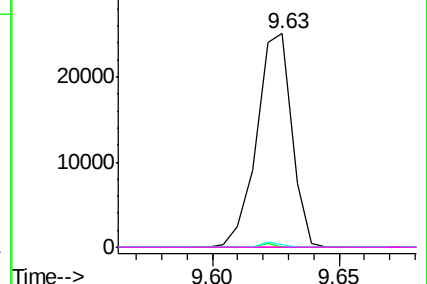
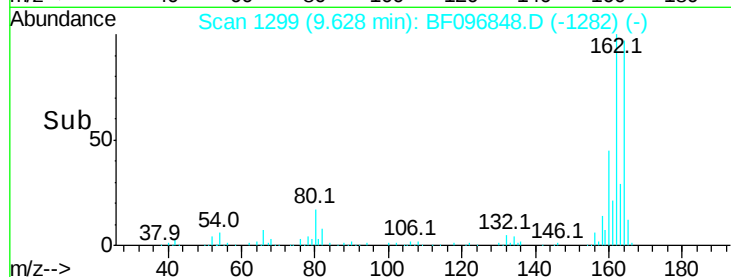


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF096848.D

Acq: 18 Jul 2017 15:21

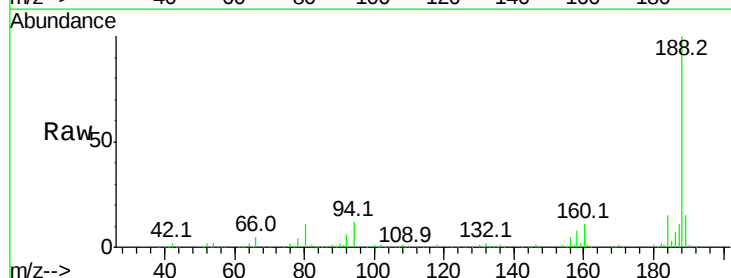
Tgt Ion:188 Resp: 347459

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

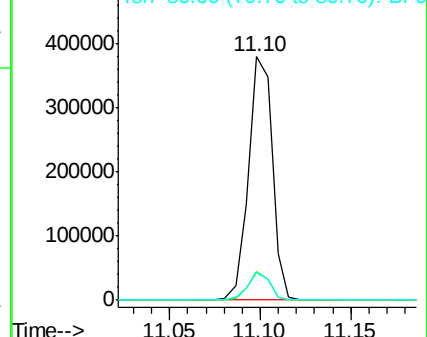
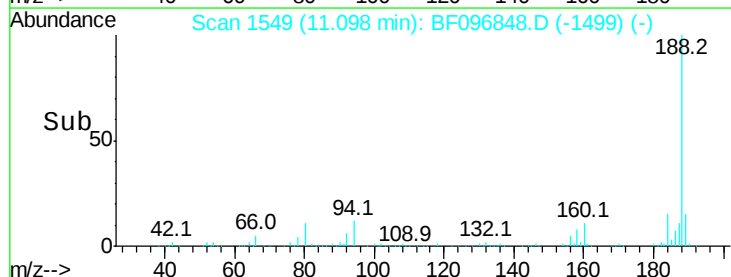
80 11.3 10.2 15.2

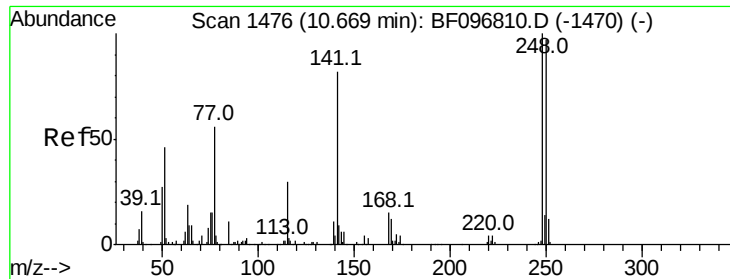


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

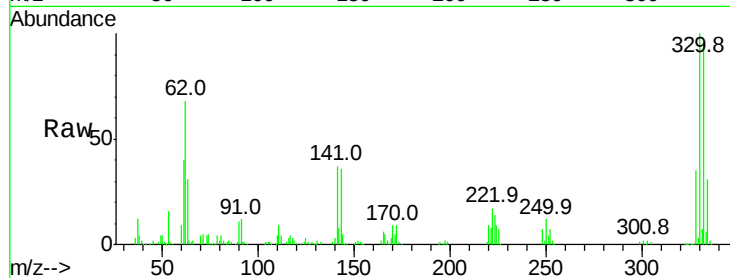




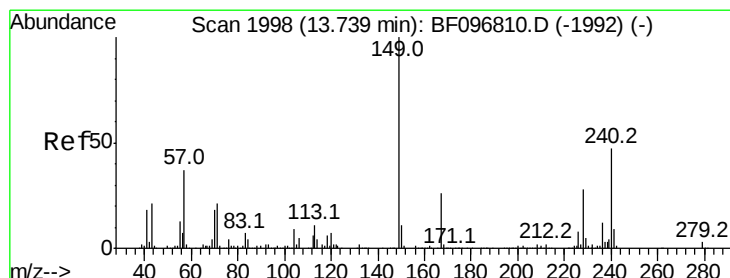
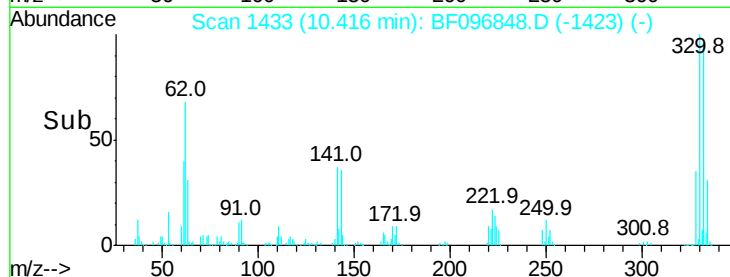
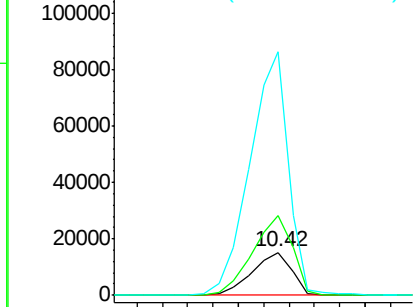
#66
4-Bromophenyl-phenylether
Concen: 4.602 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.24 min
Lab File: BF096848.D
Acq: 18 Jul 2017 15:21

Instrument :
BNA_F
ClientSampleId :
WC071417-1E

Tot Ion:248 Resp: 16327
Ion Ratio Lower Upper
248 100
250 187.6 76.8 115.2#
141 568.3 68.6 103.0#

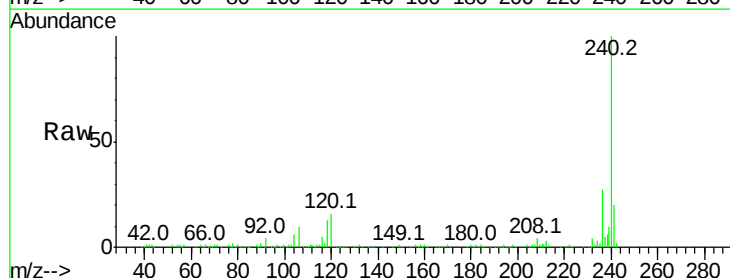


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

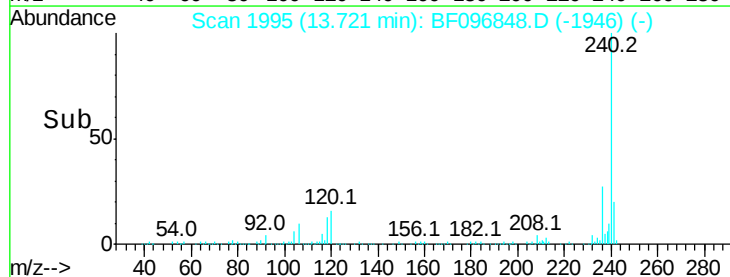
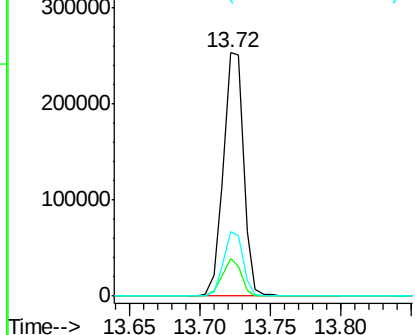


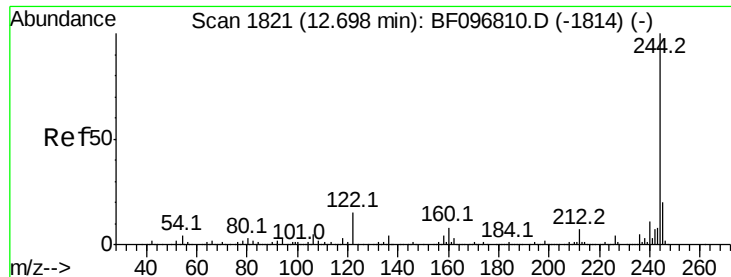
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF096848.D
Acq: 18 Jul 2017 15:21

Tgt Ion:240 Resp: 255022
Ion Ratio Lower Upper
240 100
120 15.6 5.8 8.8#
236 26.6 20.5 30.7



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: 68.020 ng

RT: 12.69 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF096848.D

Acq: 18 Jul 2017 15:21

Instrument :

BNA_F

ClientSampleId :

WC071417-1E

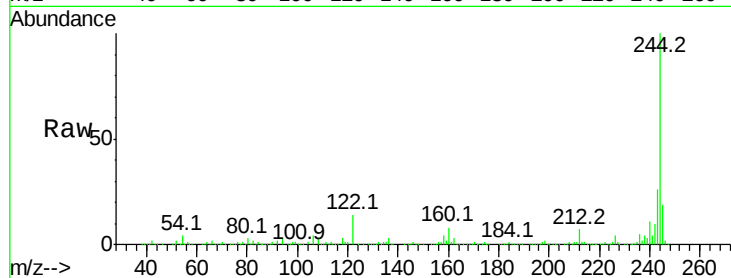
Tot Ion:244 Resp: 1000224

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

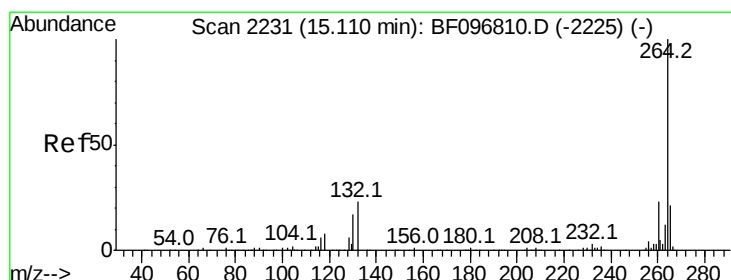
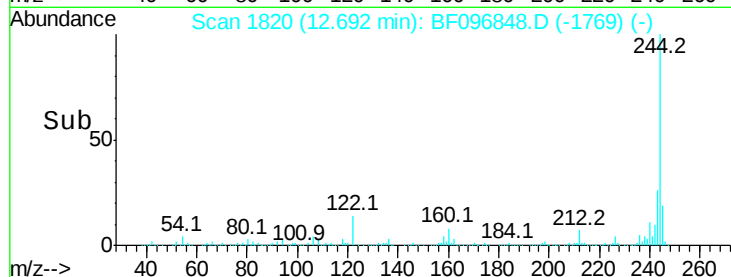
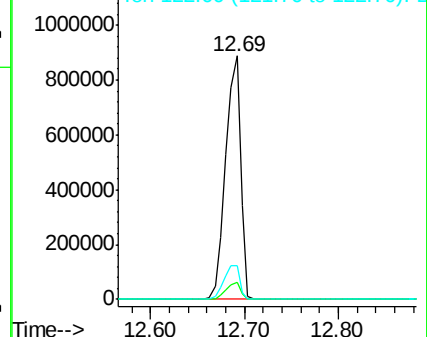
122 13.9 10.3 15.5



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: 15.09 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF096848.D

Acq: 18 Jul 2017 15:21

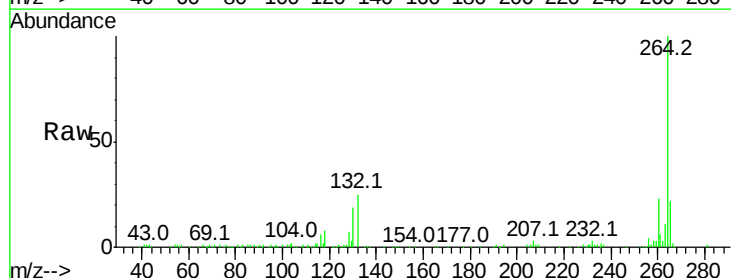
Tgt Ion:264 Resp: 178547

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 22.4 17.2 25.8



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

