

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096675.D
 Acq On : 12 Jul 2017 6:32
 Operator : SJ/JU
 Sample : I4130-11
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-WSW

Quant Time: Jul 12 06:57:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

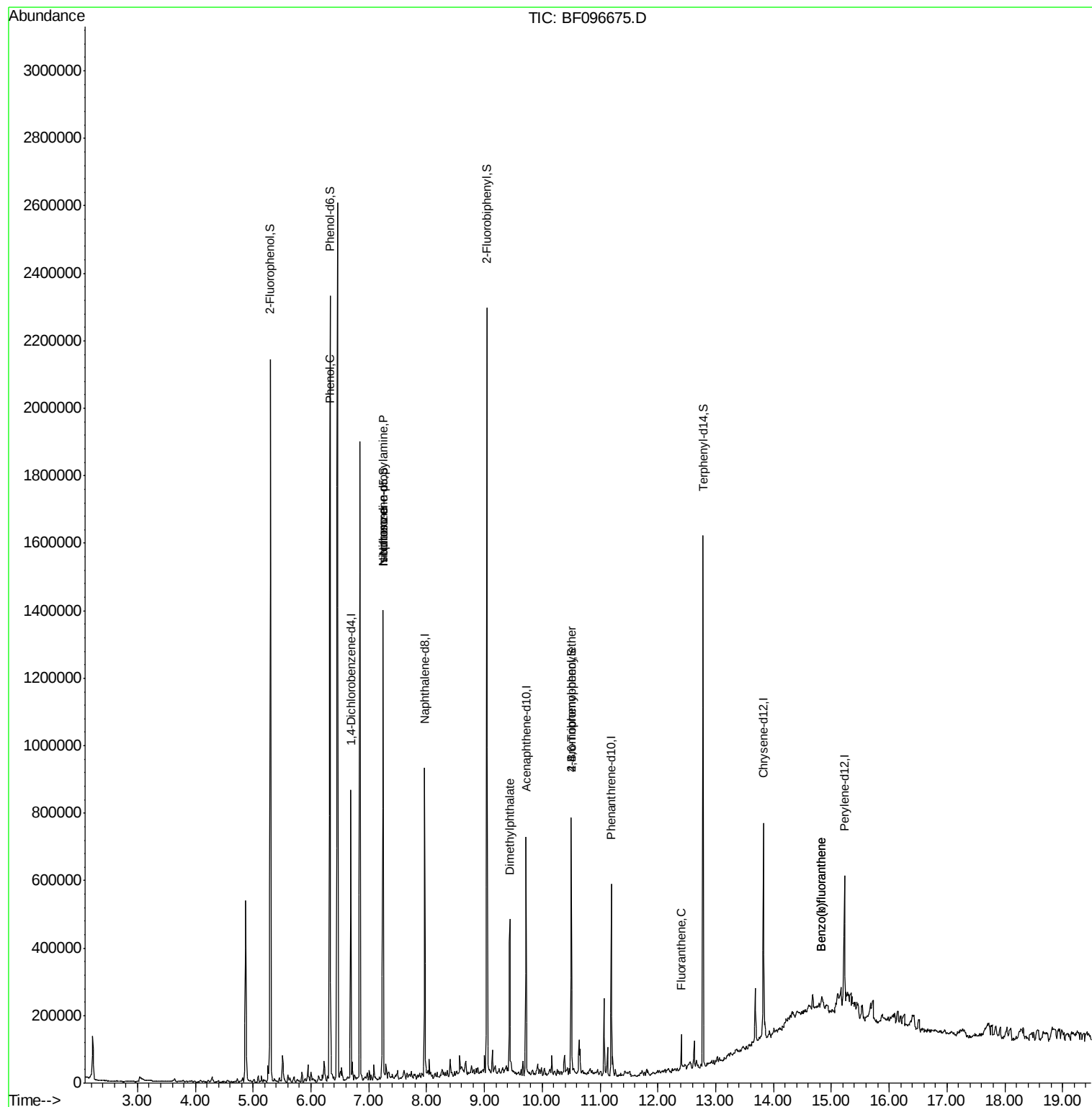
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	111362	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	378891	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	137238	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	214225	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	215818	20.00	ng	-0.02
86) Perylene-d12	15.23	264	159994	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	591780	78.43	ng	-0.01
7) Phenol-d6	6.33	99	835119	90.03	ng	-0.02
23) Nitrobenzene-d5	7.25	82	424236	67.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	87526	81.65	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	686379	85.51	ng	-0.02
78) Terphenyl-d14	12.78	244	465124	46.05	ng	-0.02
Target Compounds						
10) Phenol	6.34	94	24971	2.363	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	59817	10.825	ng	# 88
25) Isophorone	7.25	82	418755	34.253	ng	# 67
49) Dimethylphthalate	9.44	163	180763	17.644	ng	99
66) 4-Bromophenyl-phenylether	10.50	248	5399	2.589	ng	# 1
74) Fluoranthene	12.40	202	35832	3.156	ng	98
87) Benzo(b)fluoranthene	14.83	252	21071	2.102	ng	# 76
88) Benzo(k)fluoranthene	14.83	252	21071	2.350	ng	# 79

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

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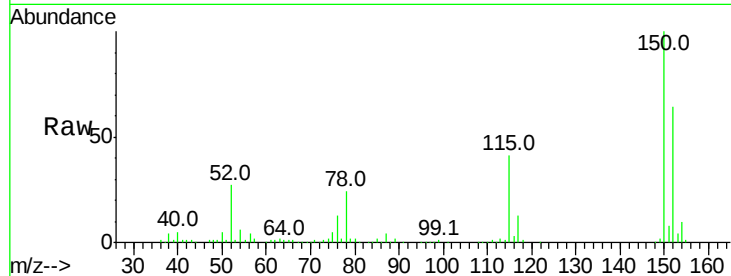


#1

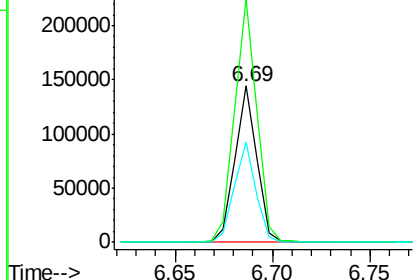
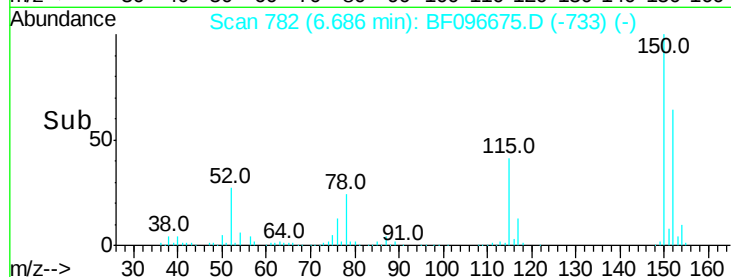
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF096675.D
 Acq: 12 Jul 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-WSW

Tot Ion:152 Resp: 111362
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.2 189.2
 115 64.1 52.2 78.2



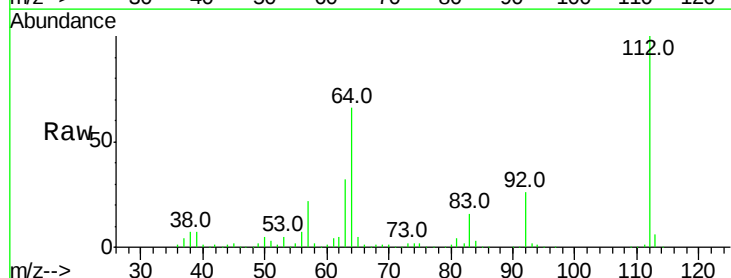
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



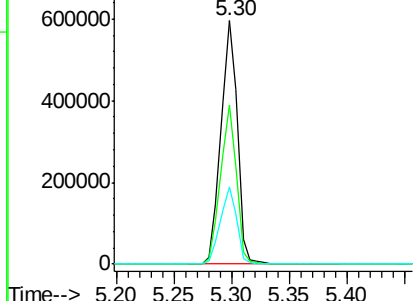
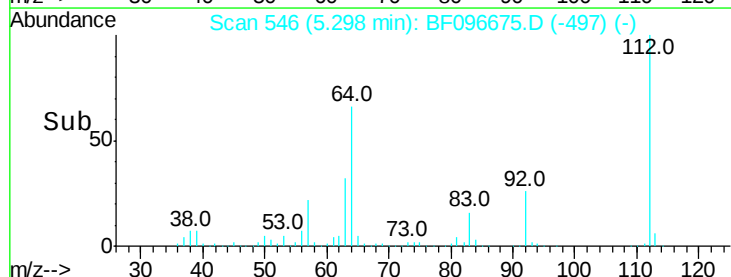
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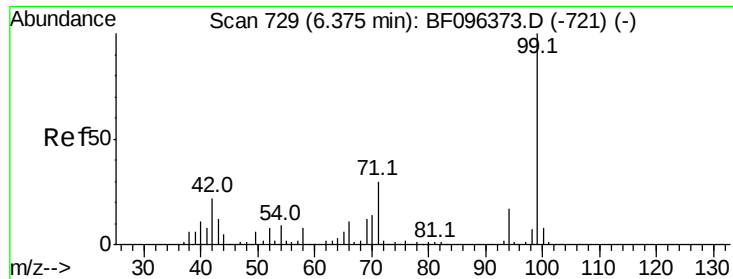
2-Fluorophenol
 Concen: 78.433 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF096675.D
 Acq: 12 Jul 2017 6:32

Tgt Ion:112 Resp: 591780
 Ion Ratio Lower Upper
 112 100
 64 65.5 46.0 69.0
 63 31.8 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: 90.034 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096675.D

Acq: 12 Jul 2017 6:32

Instrument :

BNA_F

ClientSampleId :

E2-HS2-WSW

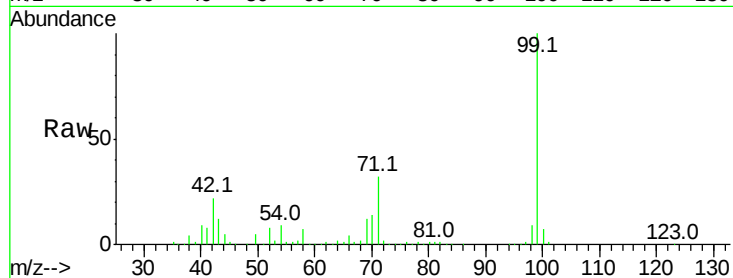
Tot Ion: 99 Resp: 835119

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

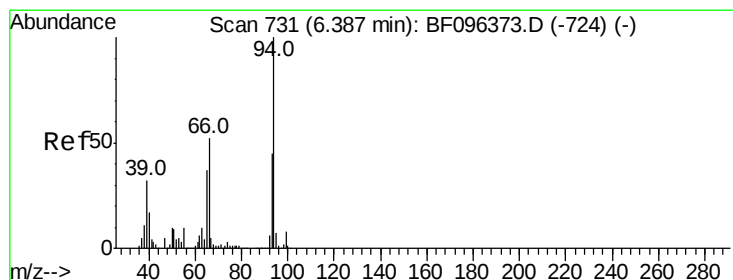
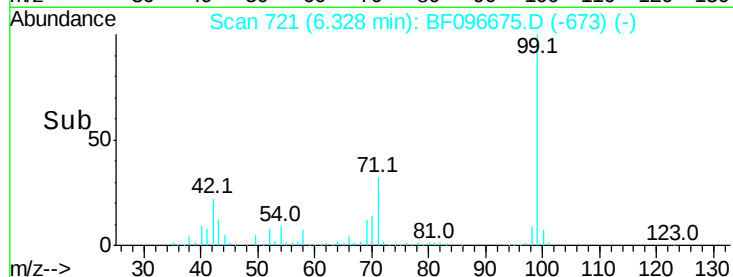
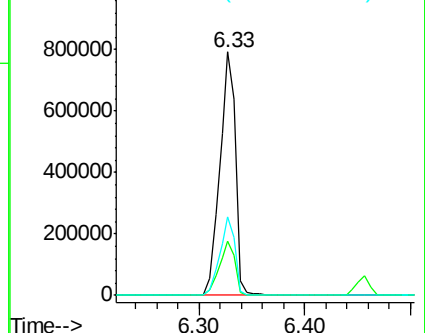
71 32.0 24.5 36.7



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



#10

Phenol

Concen: 2.363 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096675.D

Acq: 12 Jul 2017 6:32

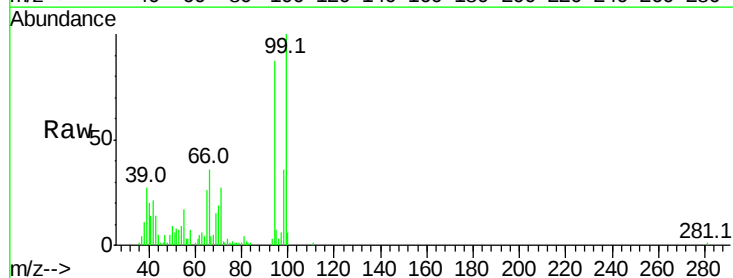
Tgt Ion: 94 Resp: 24971

Ion Ratio Lower Upper

94 100

65 29.8 9.9 49.9

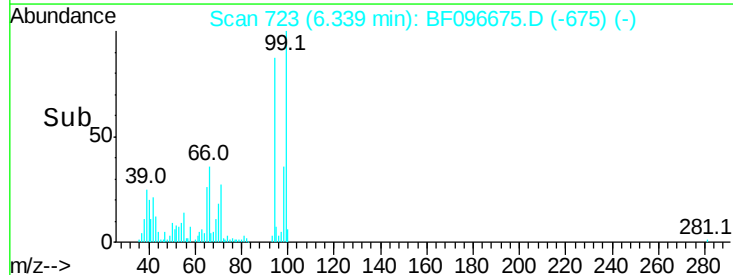
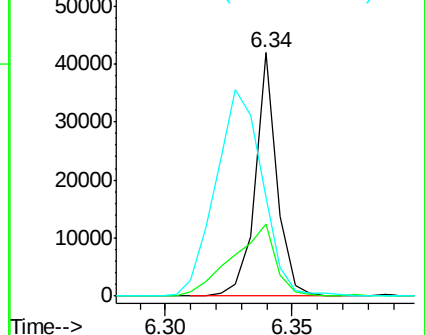
66 40.6 23.1 63.1

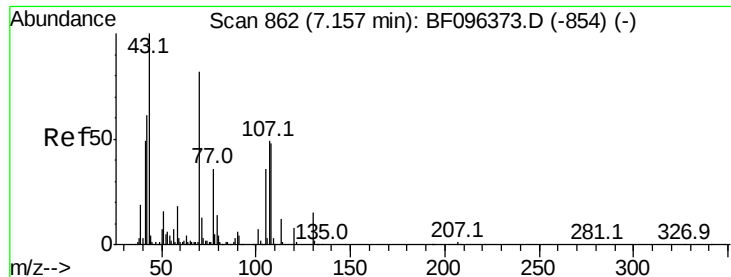


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

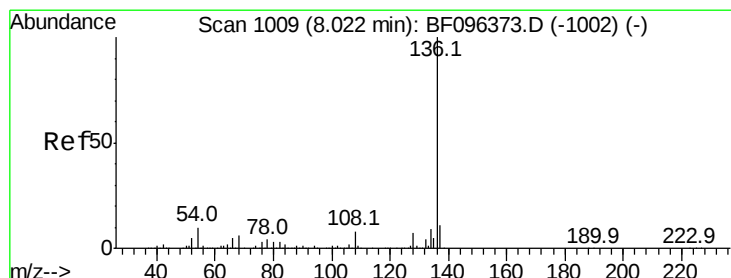
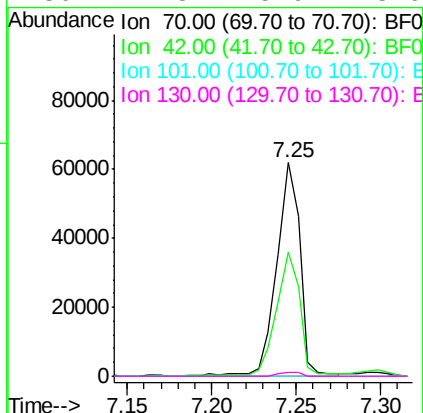
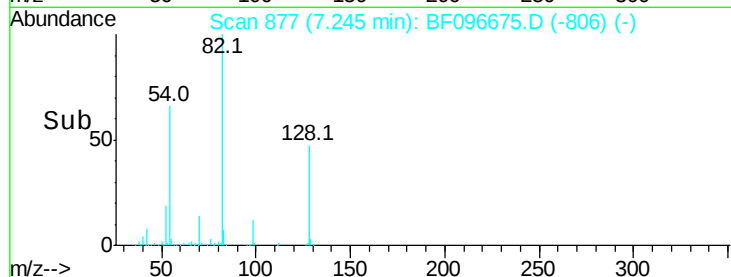
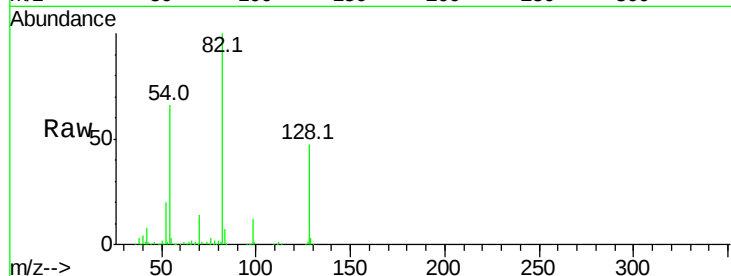




#19
n-Nitroso-di-n-propylamine
Concen: 10.825 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096675.D
Acq: 12 Jul 2017 6:32

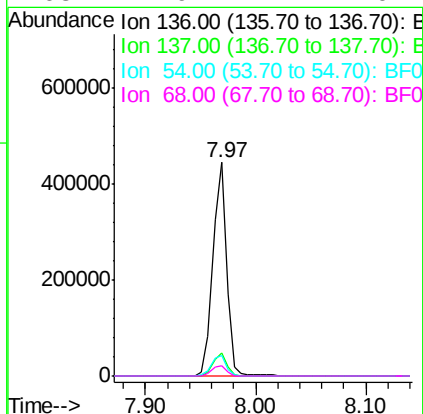
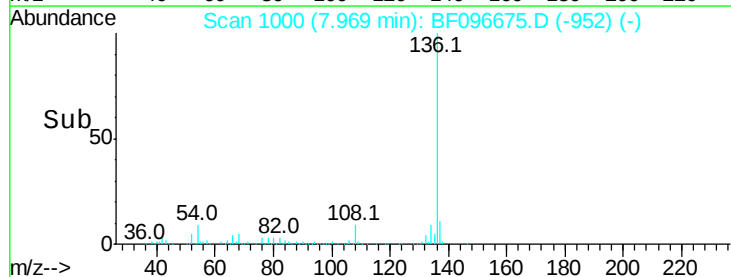
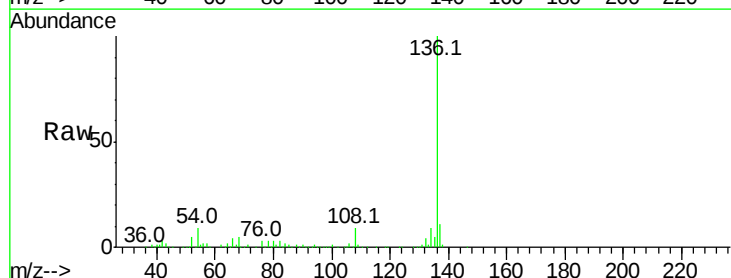
Instrument :
BNA_F
ClientSampleId :
E2-HS2-WSW

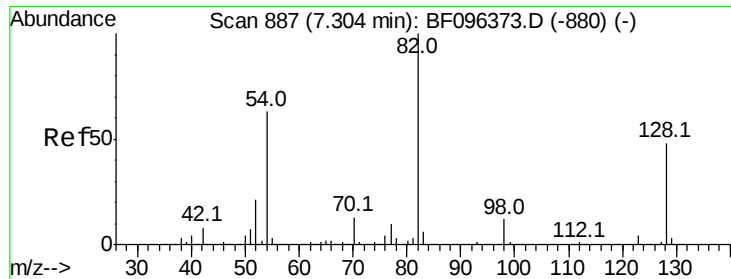
Tot Ion: 70 Resp: 59817
Ion Ratio Lower Upper
70 100
42 58.0 47.2 70.8
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096675.D
Acq: 12 Jul 2017 6:32

Tgt Ion:136 Resp: 378891
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.4 4.9 7.3#
68 4.9 4.1 6.1

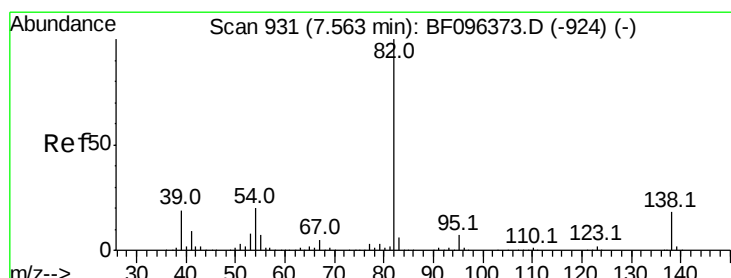
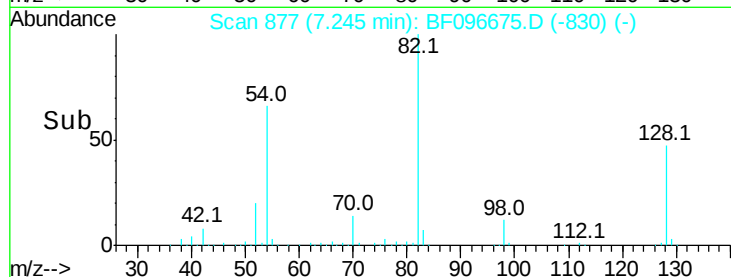
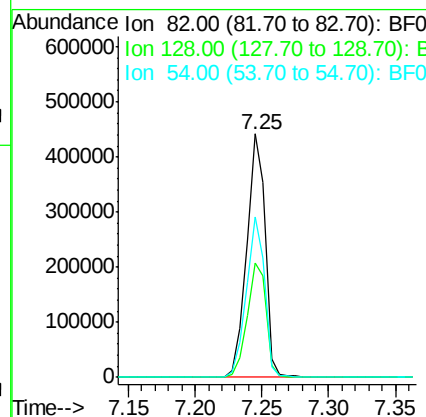
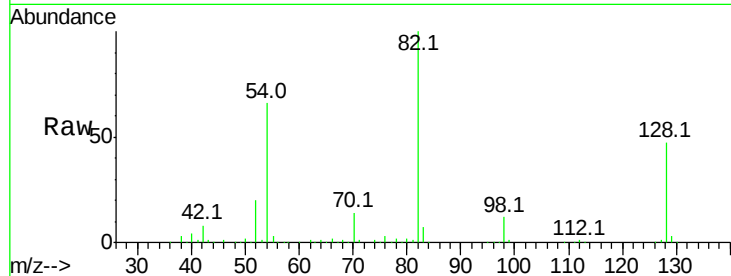




#23
 Nitrobenzene-d5
 Concen: 67.282 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF096675.D
 Acq: 12 Jul 2017 6:32

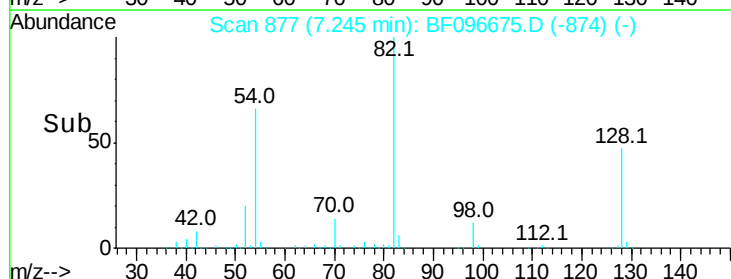
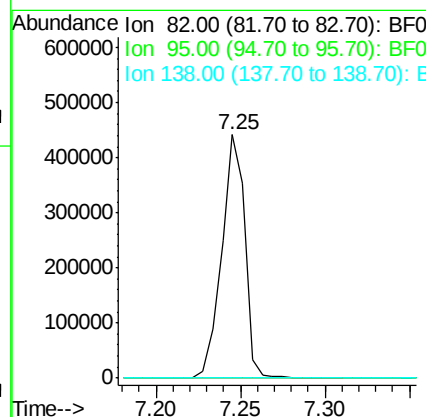
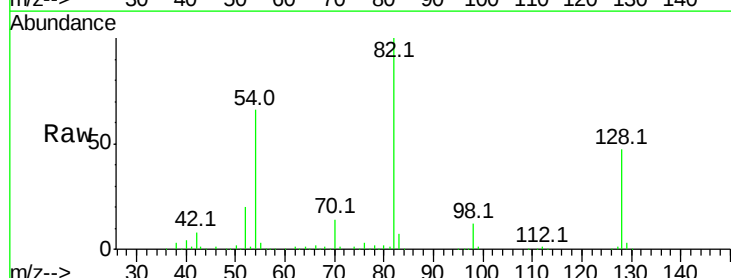
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-WSW

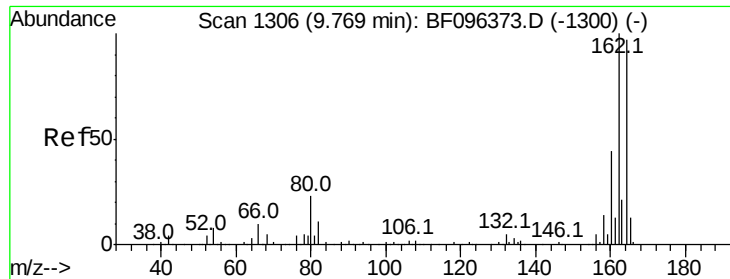
Tot Ion	82	Resp	424236
Ion Ratio	Lower	Upper	
82	100		
128	46.8	34.0	51.0
54	66.1	42.2	63.2#



#25
 Isophorone
 Concen: 34.253 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.28 min
 Lab File: BF096675.D
 Acq: 12 Jul 2017 6:32

Tgt Ion	82	Resp	418755
Ion Ratio	Lower	Upper	
82	100		
95	0.2	5.3	7.9#
138	0.0	13.1	19.7#

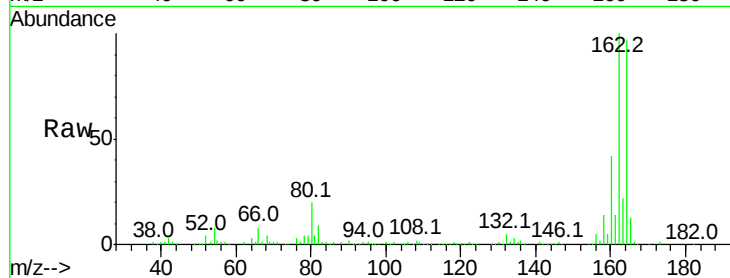




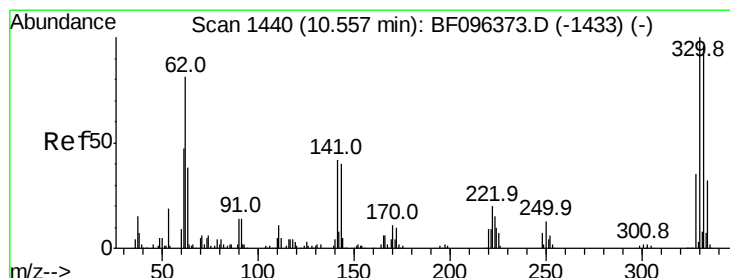
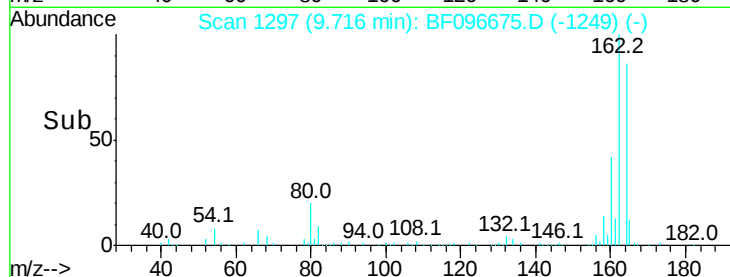
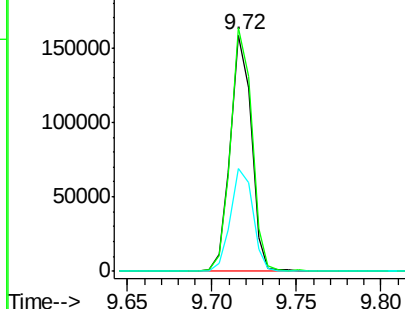
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096675.D
Acq: 12 Jul 2017 6:32

Instrument :
BNA_F
ClientSampleId :
E2-HS2-WSW

Tot Ion:164 Resp: 137238
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 43.7 36.2 54.2

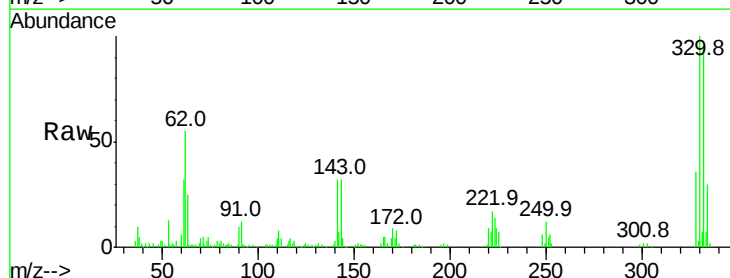


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

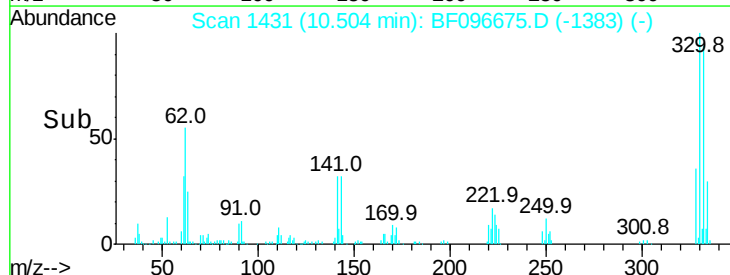
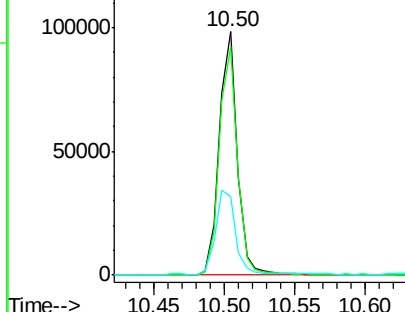


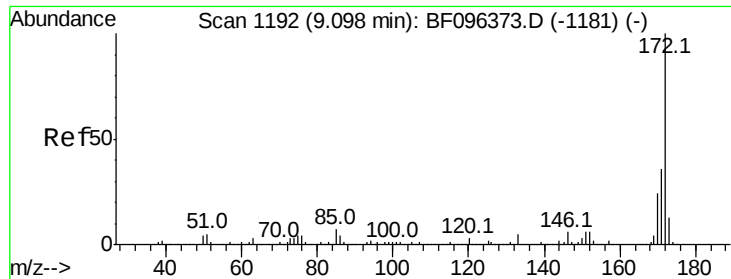
#41
2,4,6-Tribromophenol
Concen: 81.648 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096675.D
Acq: 12 Jul 2017 6:32

Tgt Ion:330 Resp: 87526
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 37.7 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

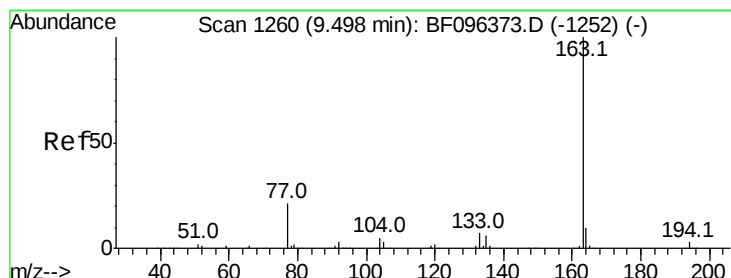
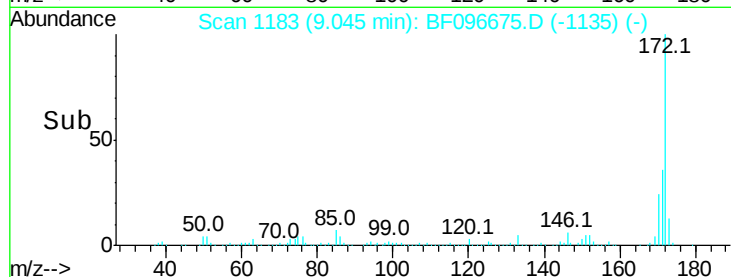
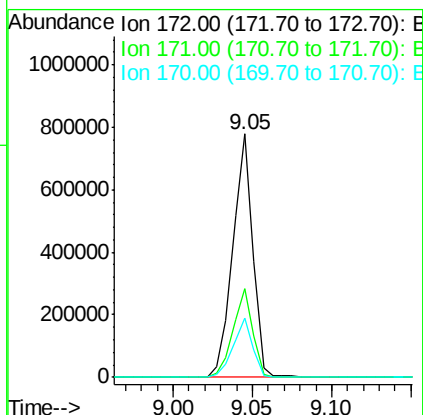
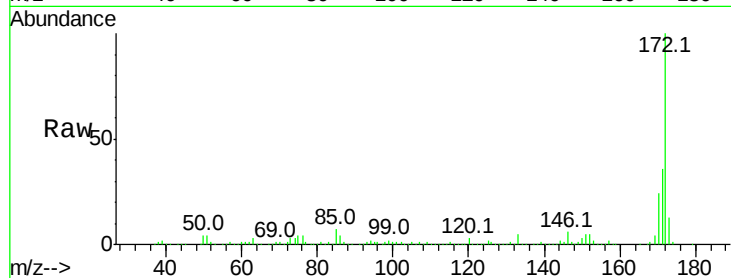




#44
2-Fluorobiphenyl
Concen: 85.512 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096675.D
Acq: 12 Jul 2017 6:32

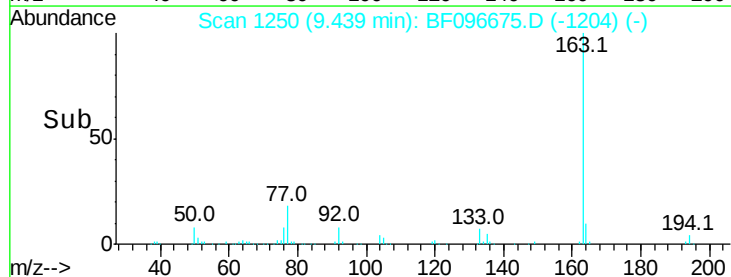
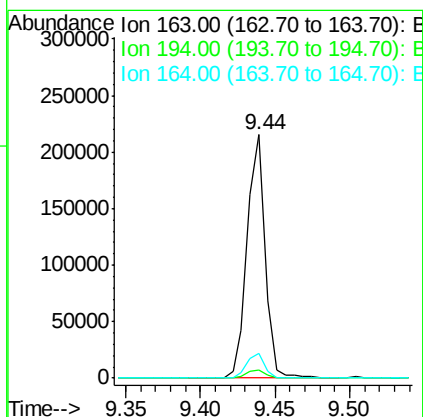
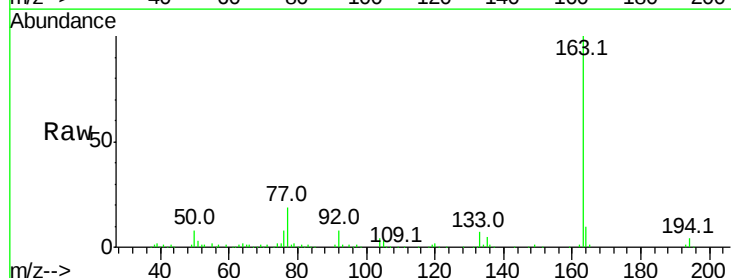
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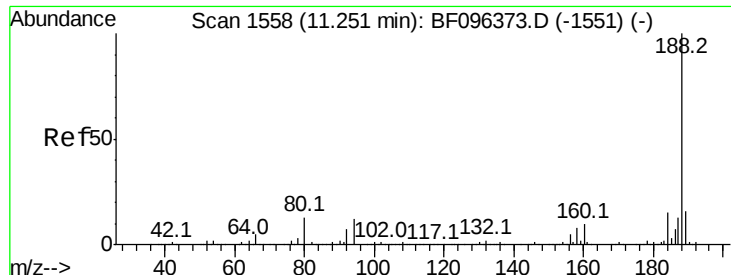
Tot Ion:172 Resp: 686379
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.2 19.8 29.8



#49
Dimethylphthalate
Concen: 17.644 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096675.D
Acq: 12 Jul 2017 6:32

Tgt Ion:163 Resp: 180763
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.4 12.6

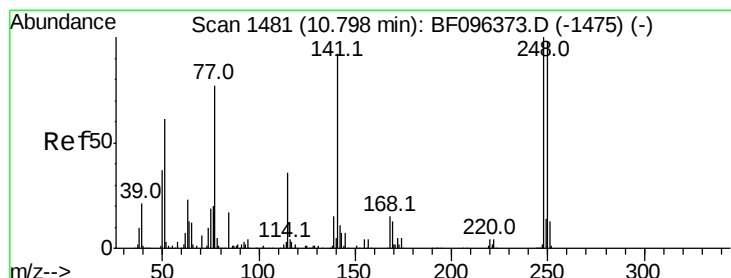
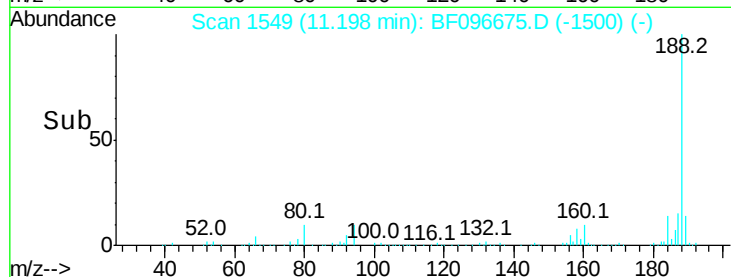
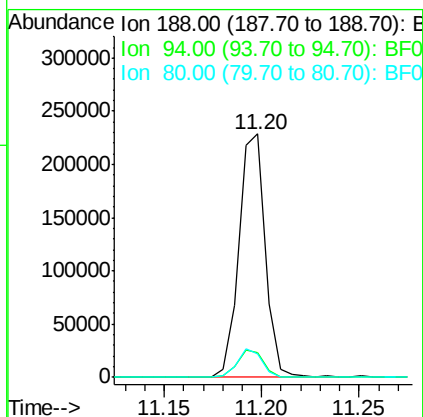
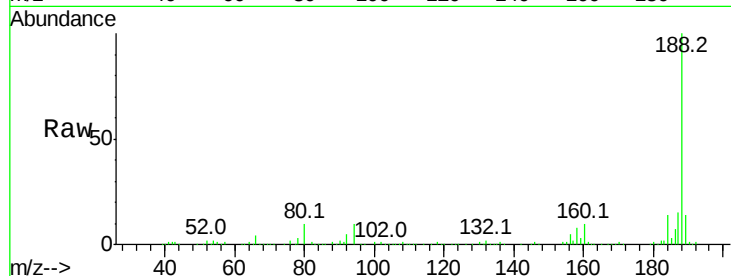




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF096675.D
 Acq: 12 Jul 2017 6:32

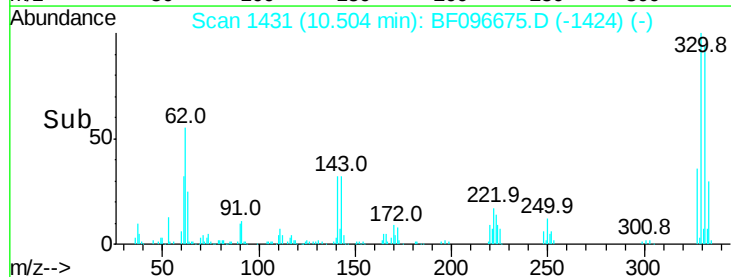
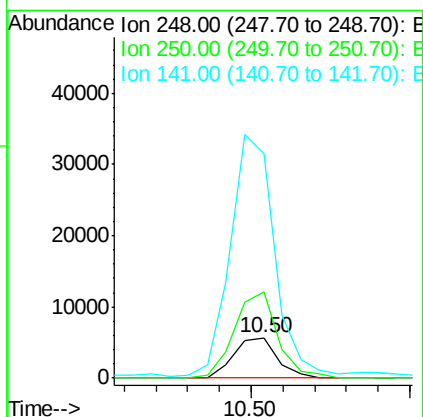
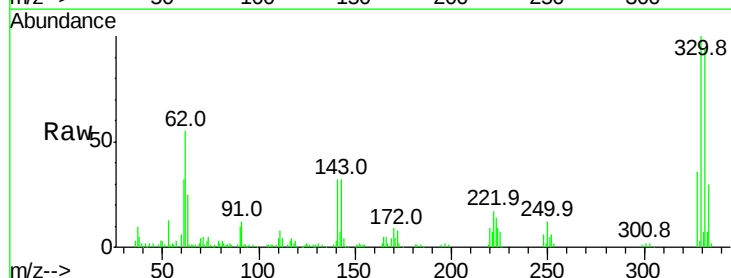
Instrument :
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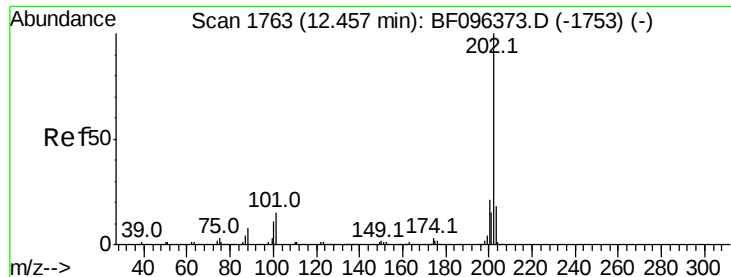
Tot Ion:188 Resp: 214225
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 9.9 10.2 15.2#



#66
 4-Bromophenyl-phenylether
 Concen: 2.589 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.26 min
 Lab File: BF096675.D
 Acq: 12 Jul 2017 6:32

Tgt Ion:248 Resp: 5399
 Ion Ratio Lower Upper
 248 100
 250 211.4 76.8 115.2#
 141 552.3 68.6 103.0#

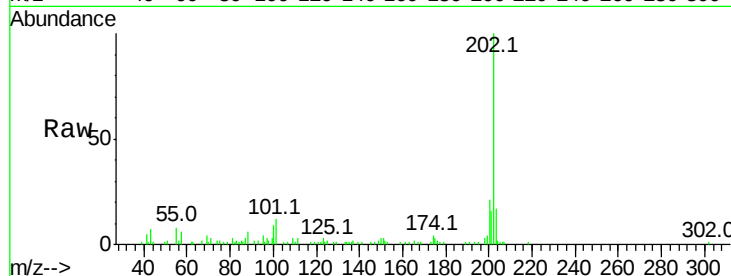




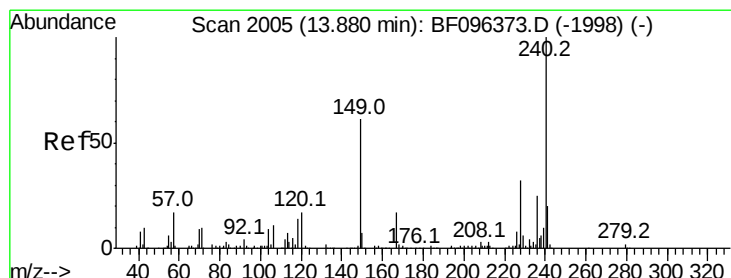
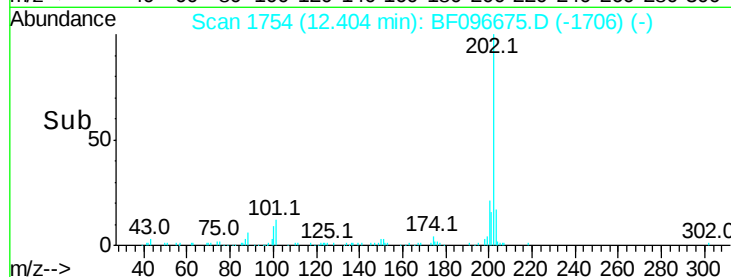
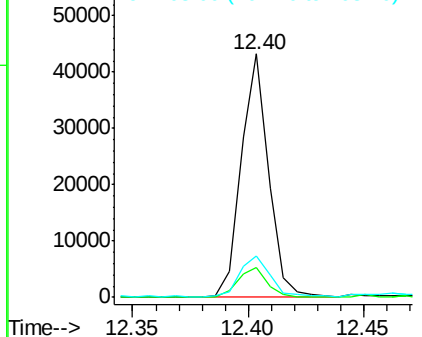
#74
 Fluoranthene
 Concen: 3.156 ng
 RT: 12.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BF096675.D
 Acq: 12 Jul 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-WSW

Tot Ion:	202	Resp:	35832
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	33.2
203	17.0	0.0	38.1

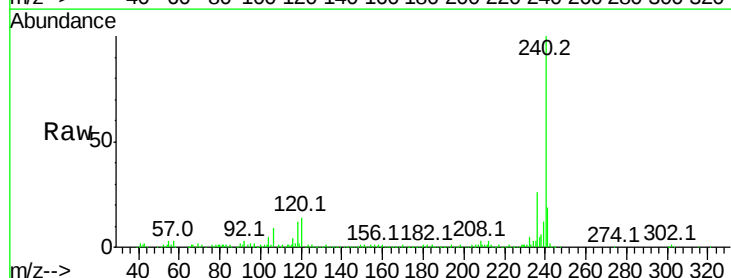


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

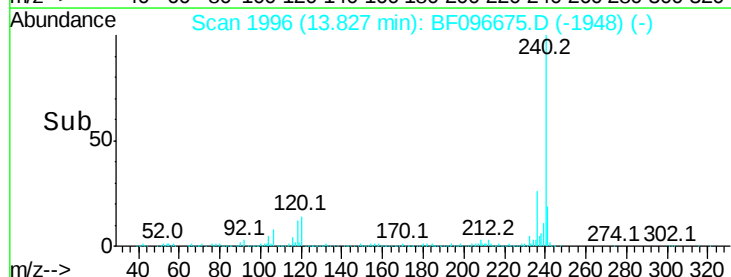
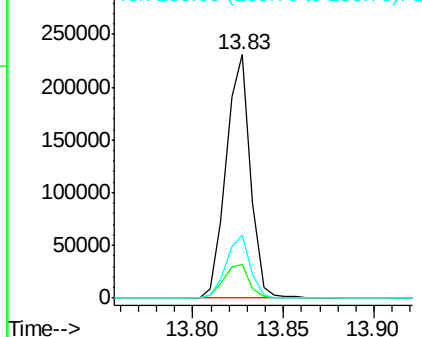


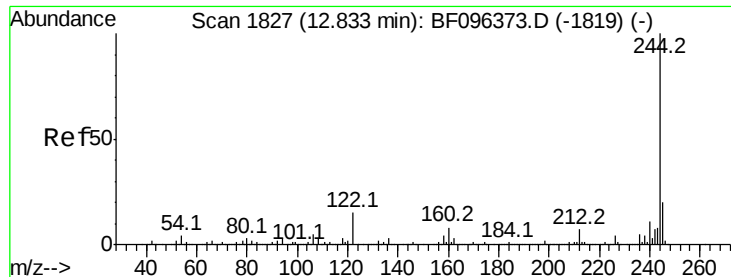
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF096675.D
 Acq: 12 Jul 2017 6:32

Tgt Ion:	240	Resp:	215818
Ion Ratio	Lower	Upper	
240	100		
120	14.0	5.8	8.8#
236	25.8	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: 46.052 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096675.D

Acq: 12 Jul 2017 6:32

Instrument :

BNA_F

ClientSampleId :

E2-HS2-WSW

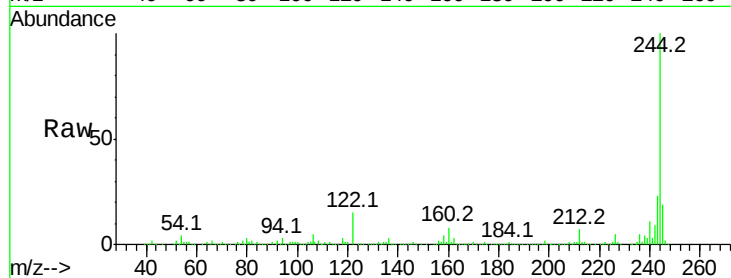
Tot Ion:244 Resp: 465124

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

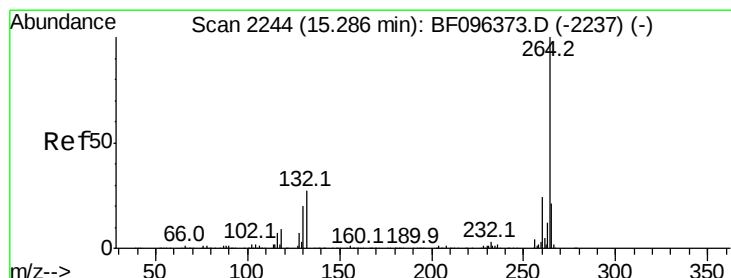
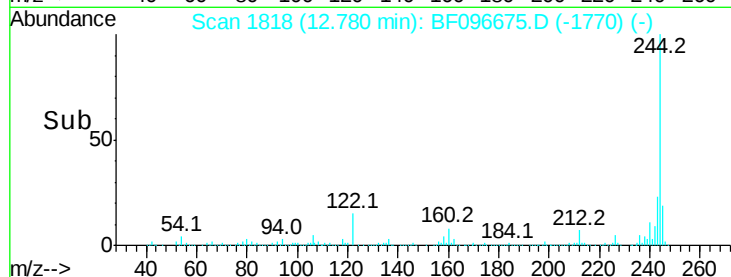
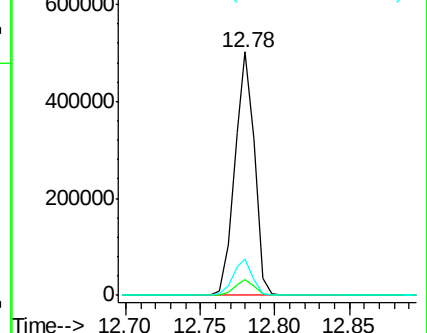
122 14.9 10.3 15.5



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: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF096675.D

Acq: 12 Jul 2017 6:32

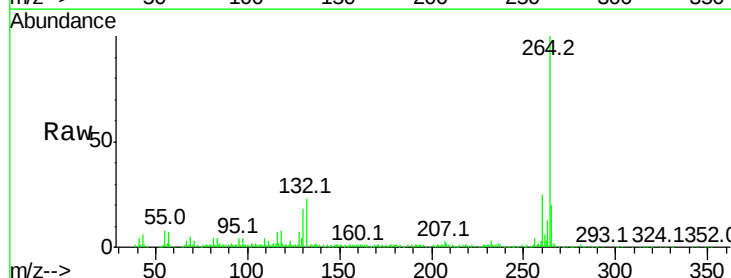
Tgt Ion:264 Resp: 159994

Ion Ratio Lower Upper

264 100

260 25.2 19.5 29.3

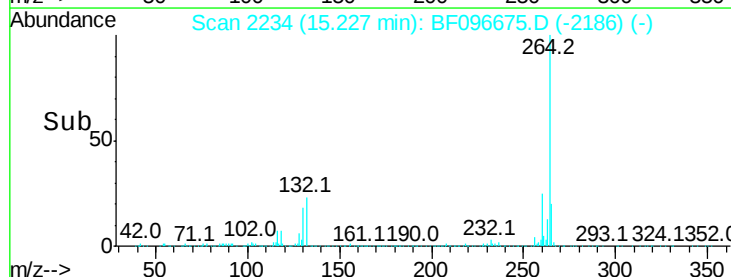
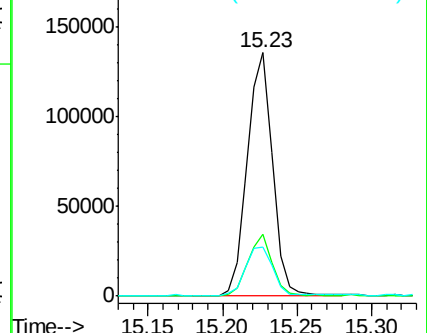
265 19.9 17.2 25.8

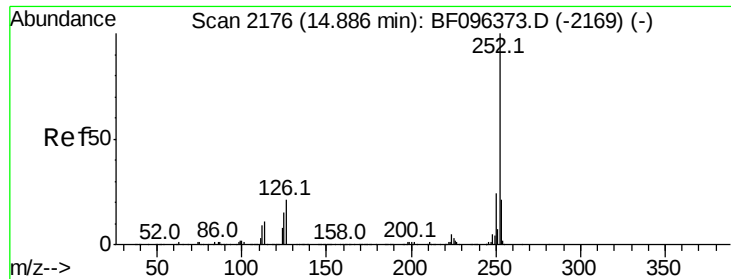


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.102 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BF096675.D

Acq: 12 Jul 2017 6:32

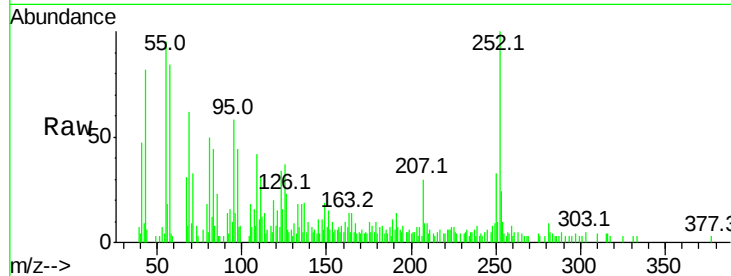
Instrument :

BNA_F

ClientSampleId :

E2-HS2-WSW

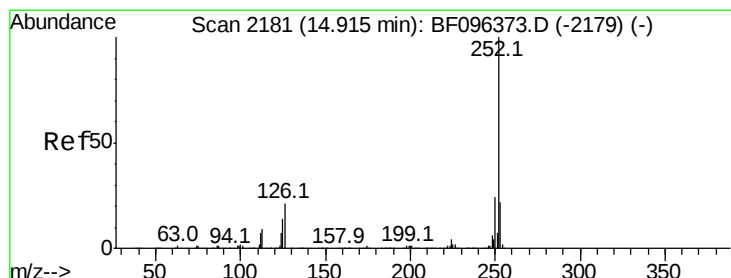
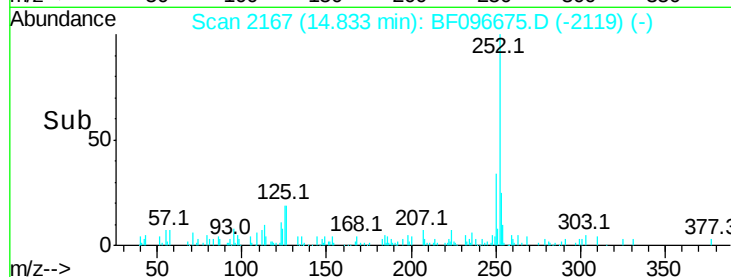
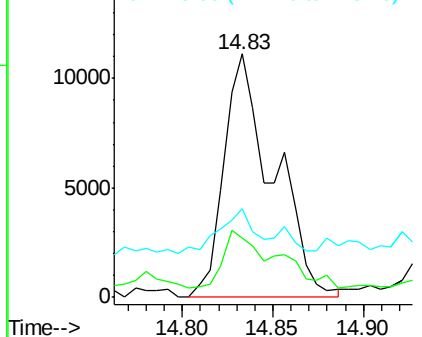
Tot Ion:252	Resp:	21071
Ion Ratio	Lower	Upper
252	100	
253	24.3	18.1 27.1
125	36.5	9.8 14.8#



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



#88

Benzo(k)fluoranthene

Concen: 2.350 ng

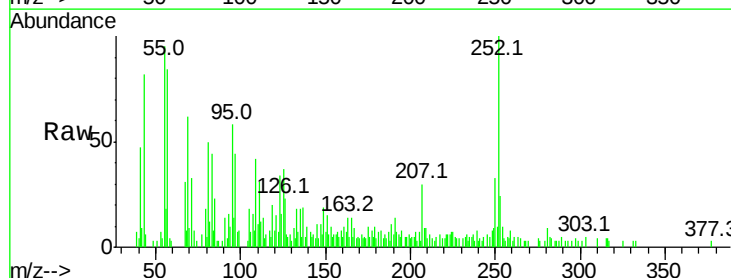
RT: 14.83 min Scan# 2167

Delta R.T. -0.05 min

Lab File: BF096675.D

Acq: 12 Jul 2017 6:32

Tgt Ion:252	Resp:	21071
Ion Ratio	Lower	Upper
252	100	
253	24.3	18.4 27.6
125	36.5	13.1 19.7#



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

