

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096639.D
 Acq On : 11 Jul 2017 12:49
 Operator : SJ/JU
 Sample : I4113-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(10.0-10.5)

Quant Time: Jul 11 16:54:25 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

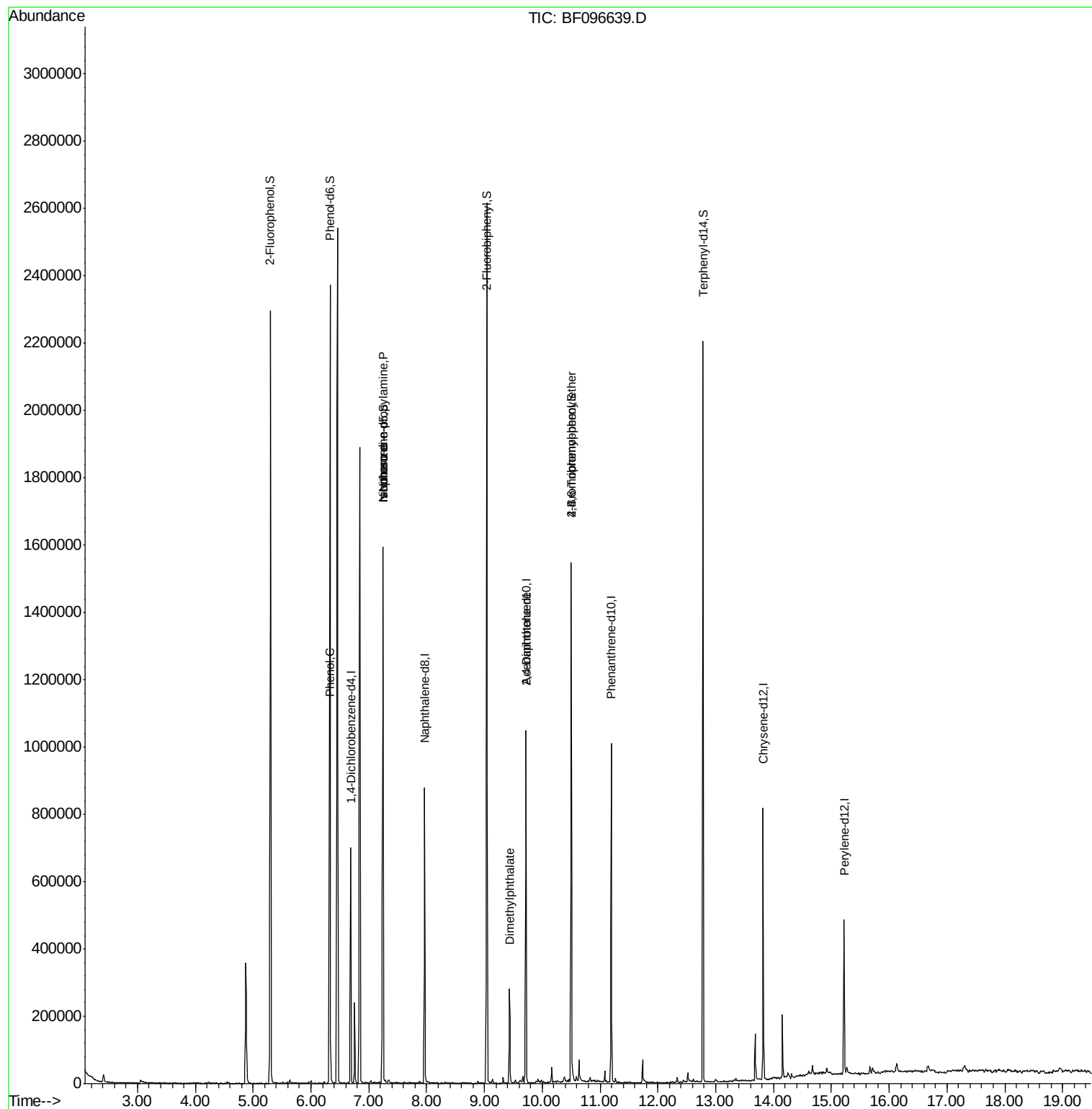
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	103896	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	425050	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	202571	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	356224	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	251655	20.00	ng	-0.02
86) Perylene-d12	15.22	264	185278	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	680423	96.66	ng	-0.01
7) Phenol-d6	6.33	99	817171	94.43	ng	-0.02
23) Nitrobenzene-d5	7.25	82	480387	67.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	172285	108.88	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	850968	71.82	ng	-0.02
78) Terphenyl-d14	12.78	244	694444	58.97	ng	-0.02
Target Compounds						
10) Phenol	6.34	94	21051	2.135	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	63632	12.343	ng	# 88
25) Isophorone	7.25	82	476951	34.777	ng	# 67
49) Dimethylphthalate	9.43	163	103998	6.877	ng	99
56) 2,4-Dinitrotoluene	9.72	165	25518	6.026	ng	# 33
66) 4-Bromophenyl-phenylether	10.50	248	11214	3.234	ng	# 1

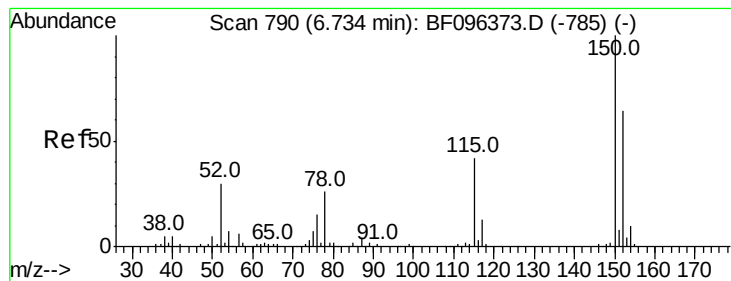
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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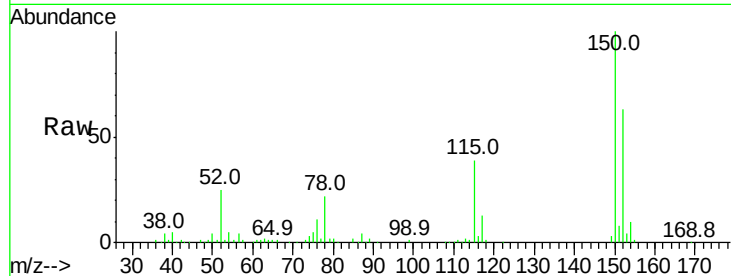


#1

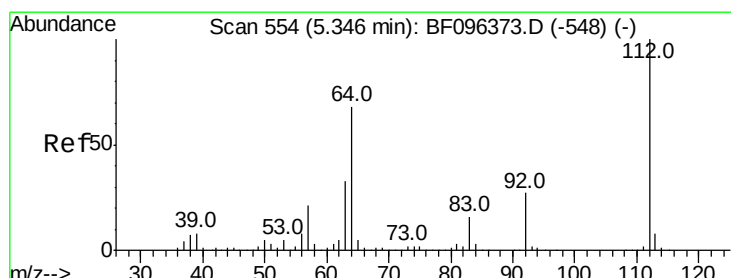
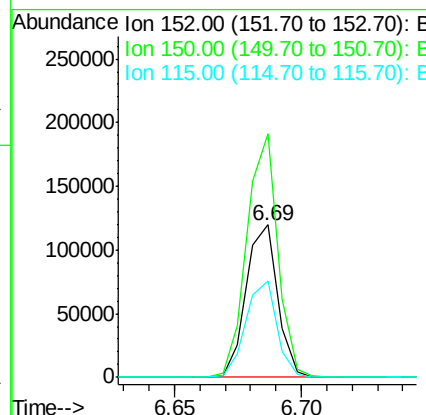
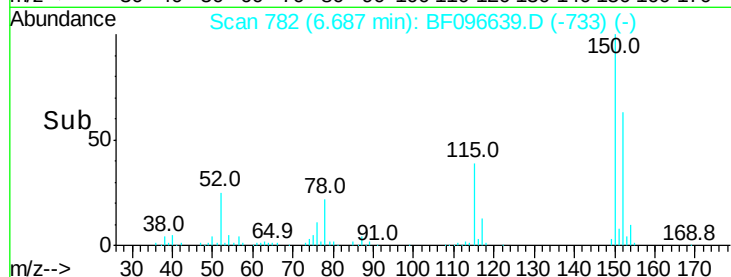
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096639.D
Acq: 11 Jul 2017 12:49

Instrument :
BNA_F
ClientSampleId :
SB-4(10.0-10.5)

Tot Ion:152 Resp: 103896
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 62.9 52.2 78.2



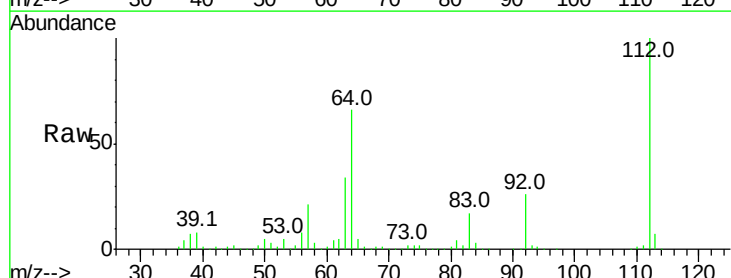
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



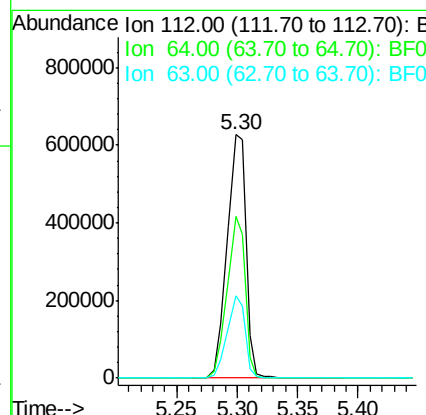
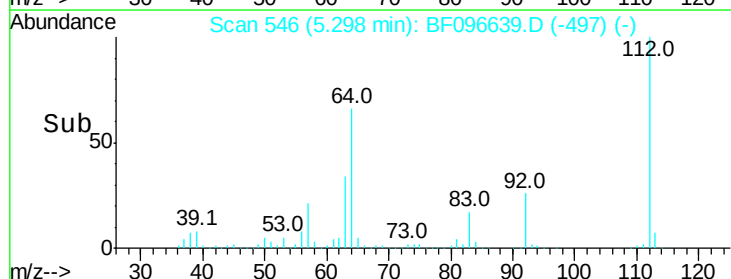
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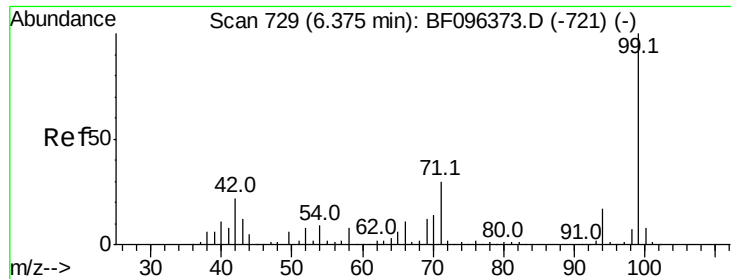
2-Fluorophenol
Concen: 96.662 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096639.D
Acq: 11 Jul 2017 12:49

Tgt Ion:112 Resp: 680423
Ion Ratio Lower Upper
112 100
64 66.3 46.0 69.0
63 34.1 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: 94.430 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096639.D

Acq: 11 Jul 2017 12:49

Instrument :

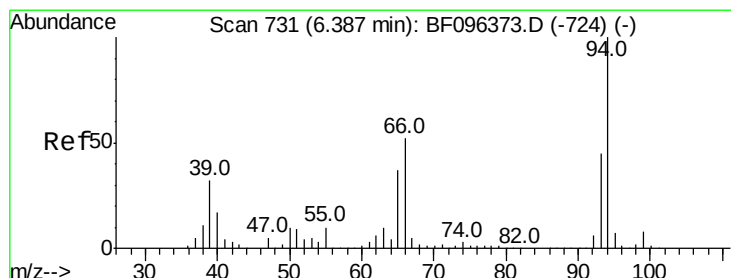
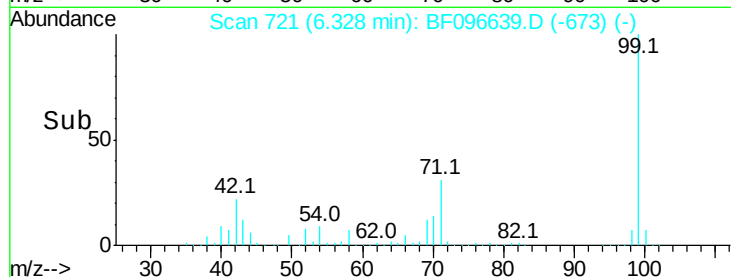
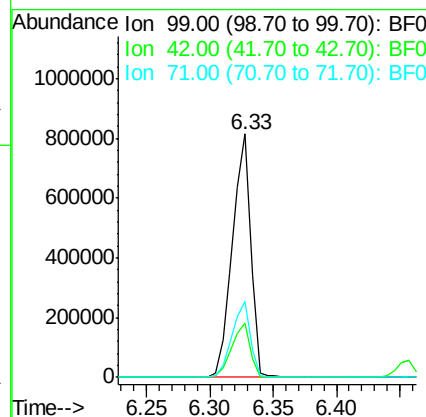
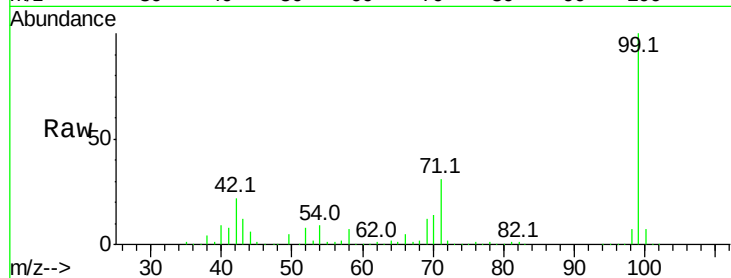
BNA_F

ClientSampleId :

SB-4(10.0-10.5)

Tot Ion: 99 Resp: 817171

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.5	20.3#
71	31.4	24.5	36.7



#10

Phenol

Concen: 2.135 ng

RT: 6.34 min Scan# 723

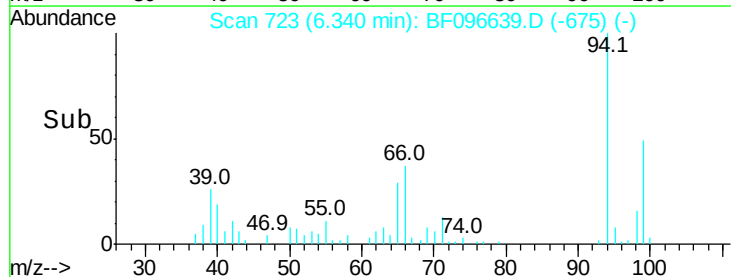
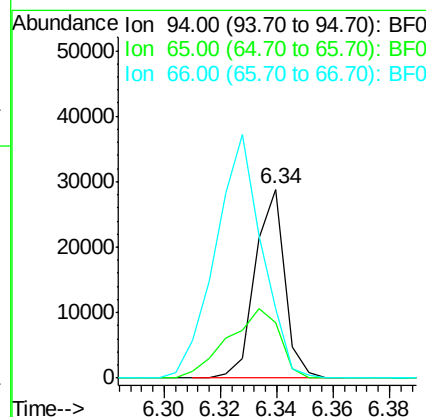
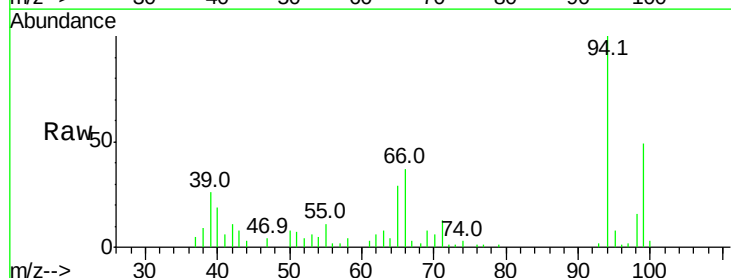
Delta R.T. -0.02 min

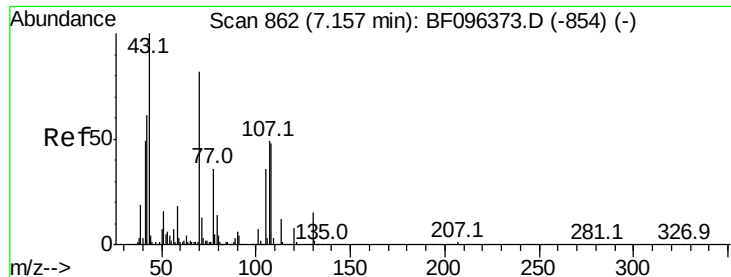
Lab File: BF096639.D

Acq: 11 Jul 2017 12:49

Tgt Ion: 94 Resp: 21051

Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.9	49.9
66	37.1	23.1	63.1

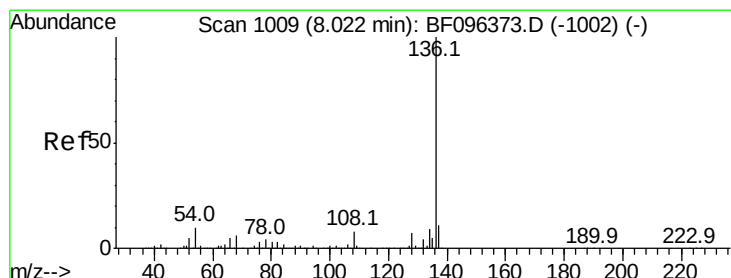
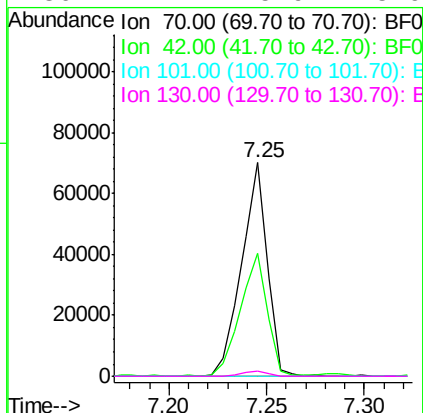
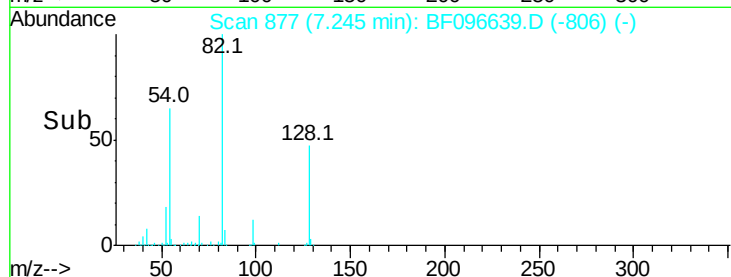
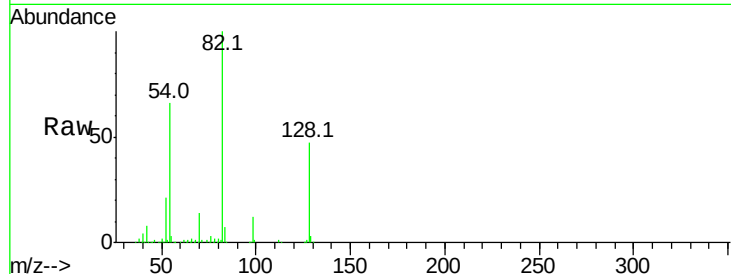




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.343 ng
 RT: 7.25 min Scan# 877
 Delta R.T. 0.12 min
 Lab File: BF096639.D
 Acq: 11 Jul 2017 12:49

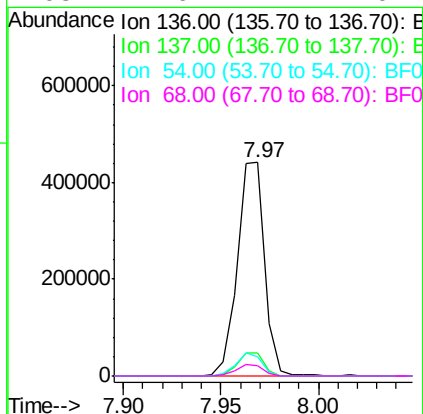
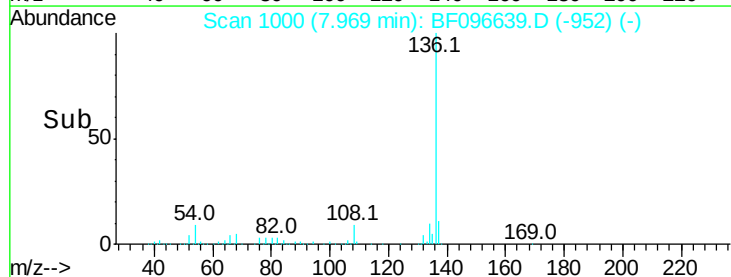
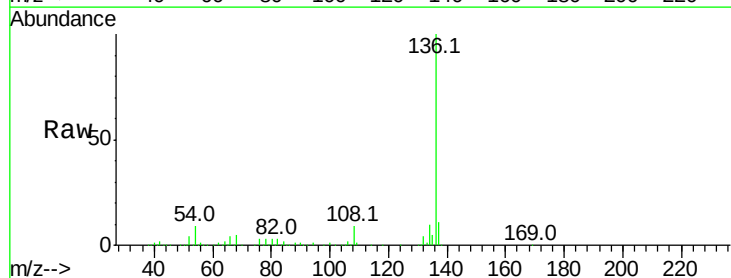
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(10.0-10.5)

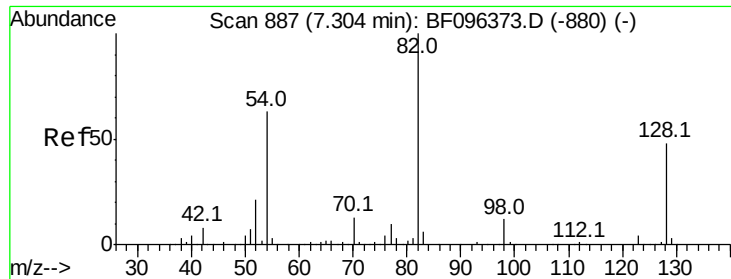
Tot Ion: 70 Resp: 63632
 Ion Ratio Lower Upper
 70 100
 42 57.8 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.4 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF096639.D
 Acq: 11 Jul 2017 12:49

Tgt Ion: 136 Resp: 425050
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.5 12.7
 54 9.1 4.9 7.3#
 68 4.6 4.1 6.1

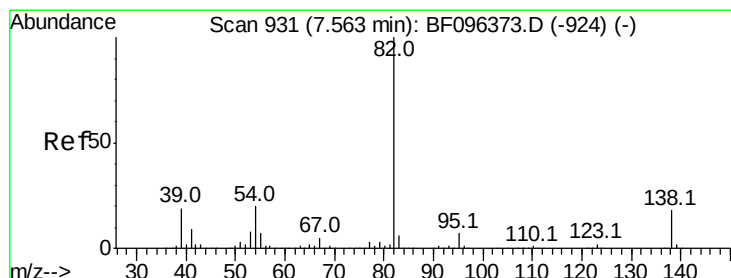
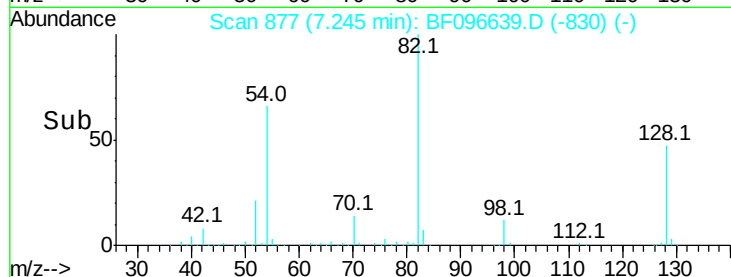
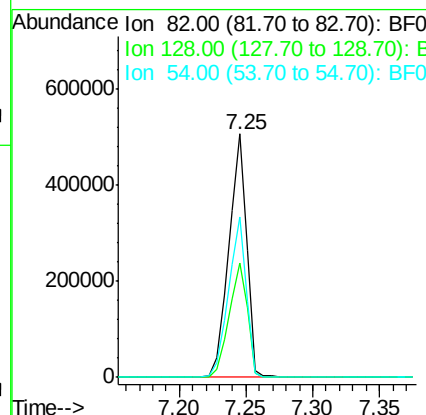
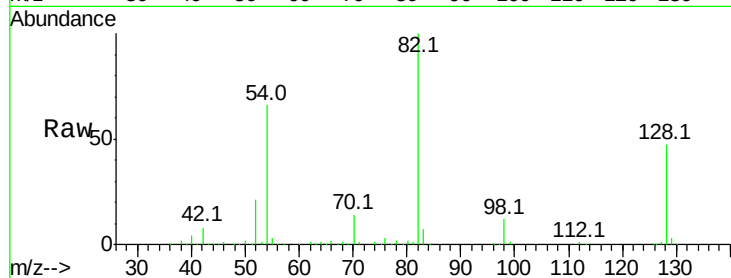




#23
 Nitrobenzene-d5
 Concen: 67.914 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF096639.D
 Acq: 11 Jul 2017 12:49

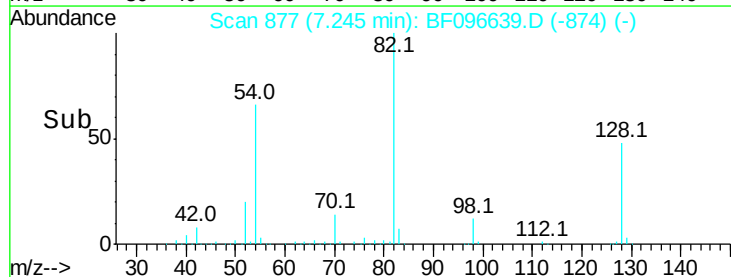
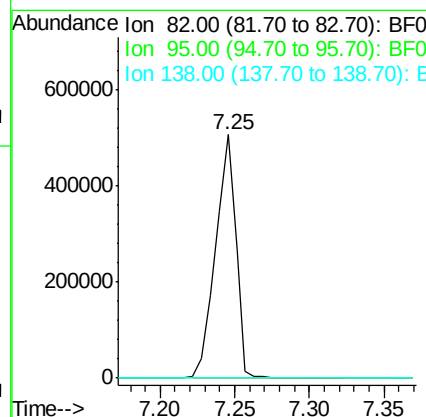
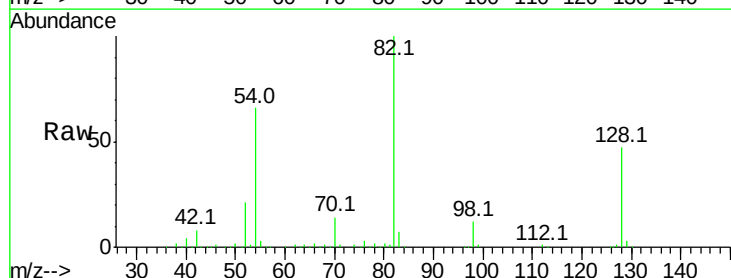
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(10.0-10.5)

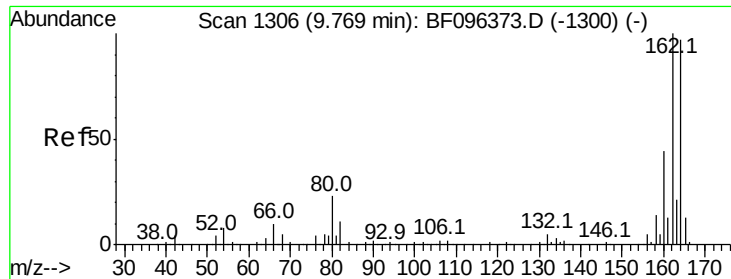
Tot Ion	82	Resp	480387
Ion Ratio	Lower	Upper	
82	100		
128	47.1	34.0	51.0
54	66.1	42.2	63.2#



#25
 Isophorone
 Concen: 34.777 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.28 min
 Lab File: BF096639.D
 Acq: 11 Jul 2017 12:49

Tgt Ion	82	Resp	476951
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

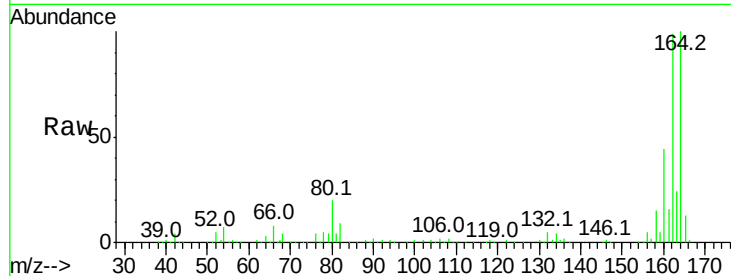




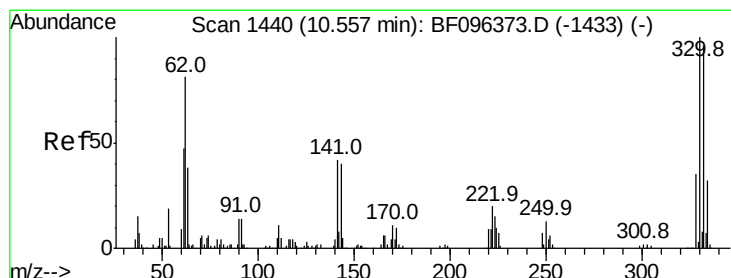
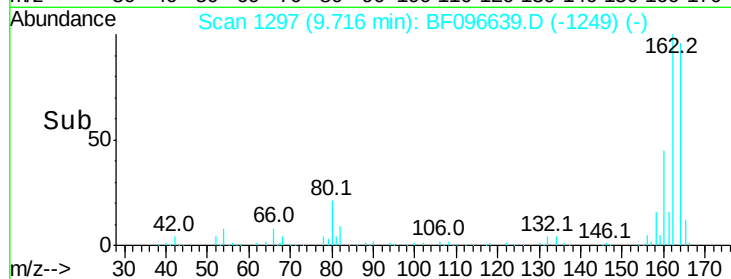
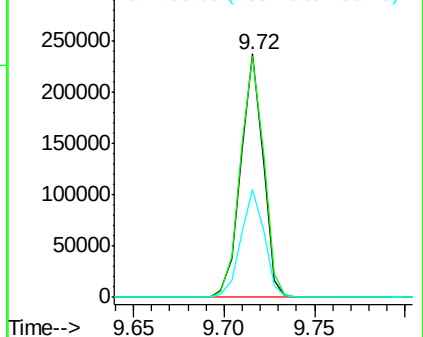
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096639.D
 Acq: 11 Jul 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(10.0-10.5)

Tot Ion:164 Resp: 202571
 Ion Ratio Lower Upper
 164 100
 162 99.2 82.6 123.8
 160 44.1 36.2 54.2

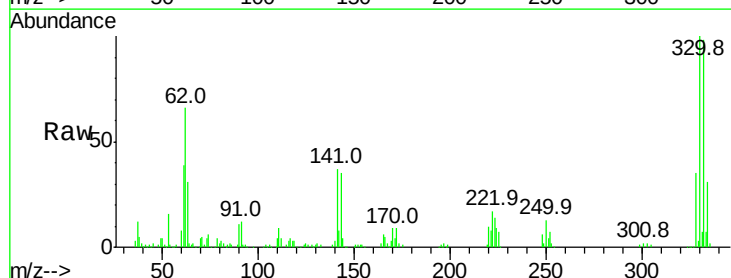


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

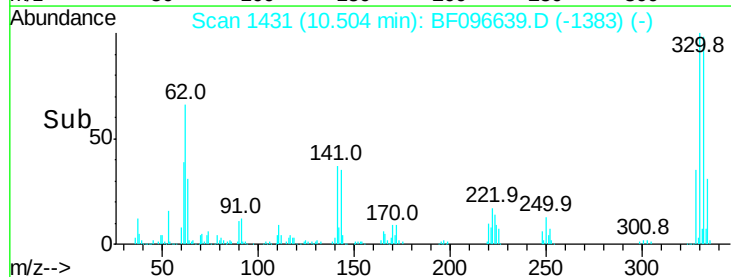
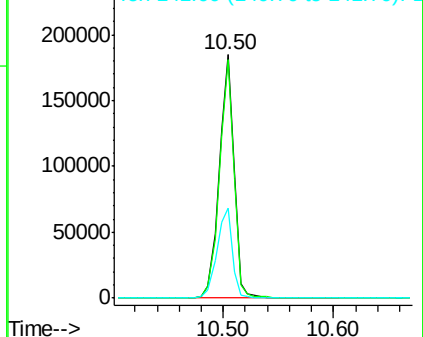


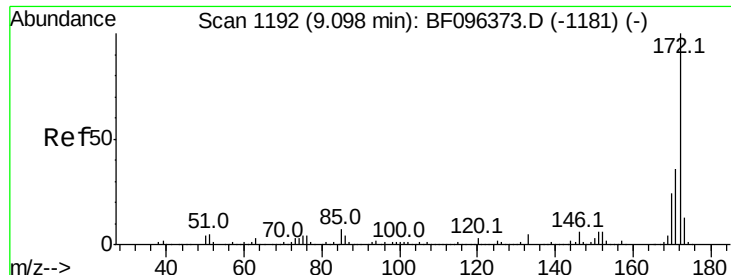
#41
 2,4,6-Tribromophenol
 Concen: 108.881 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096639.D
 Acq: 11 Jul 2017 12:49

Tgt Ion:330 Resp: 172285
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 38.1 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

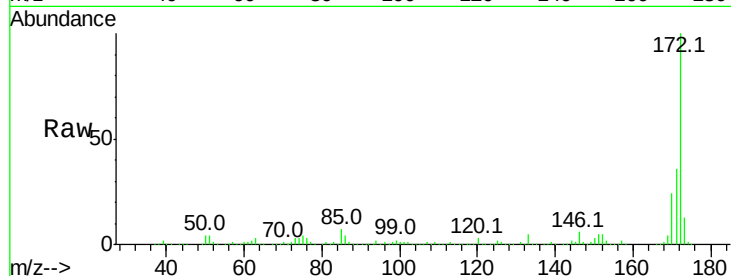




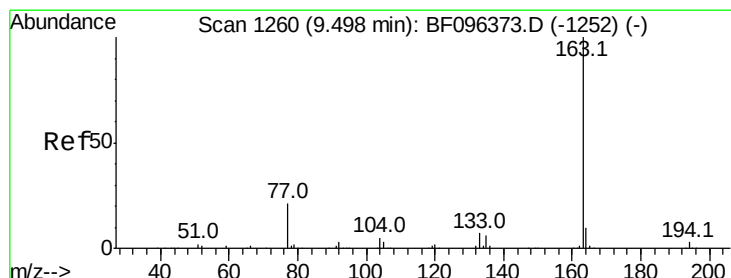
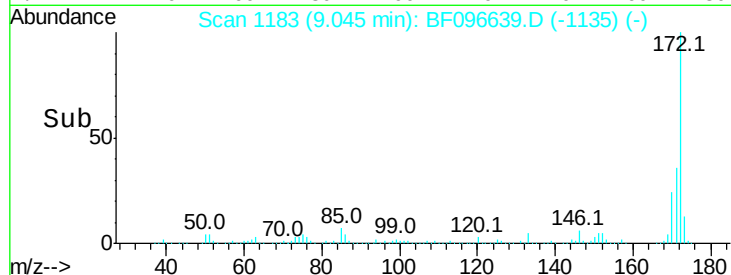
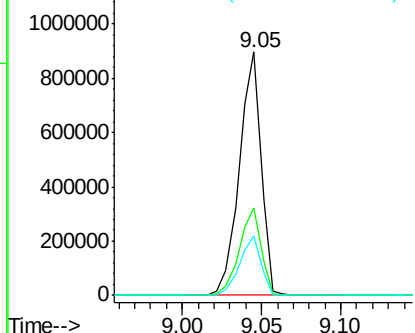
#44
2-Fluorobiphenyl
Concen: 71.825 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096639.D
Acq: 11 Jul 2017 12:49

Instrument :
BNA_F
ClientSampleId :
SB-4(10.0-10.5)

Tot Ion:172 Resp: 850968
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.1 19.8 29.8

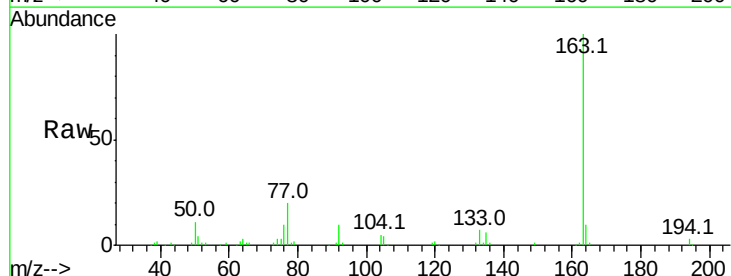


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

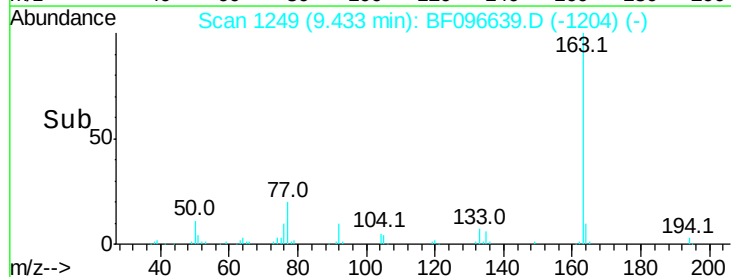
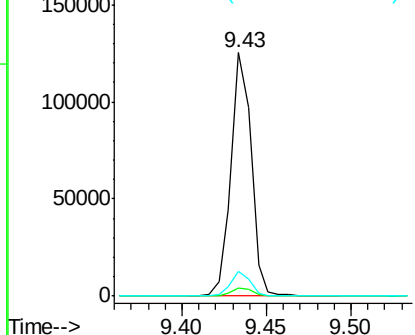


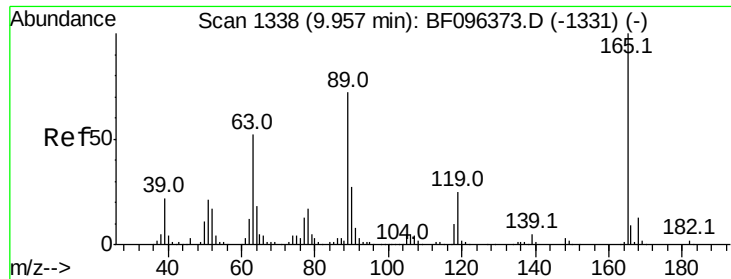
#49
Dimethylphthalate
Concen: 6.877 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096639.D
Acq: 11 Jul 2017 12:49

Tgt Ion:163 Resp: 103998
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 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

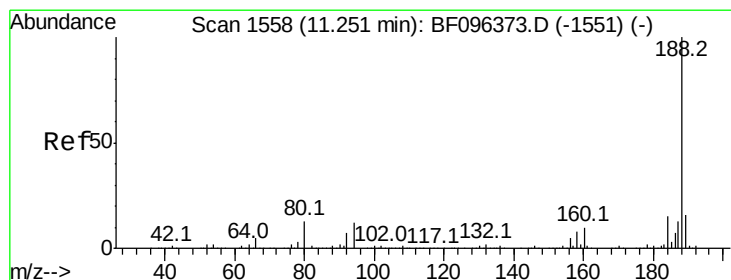
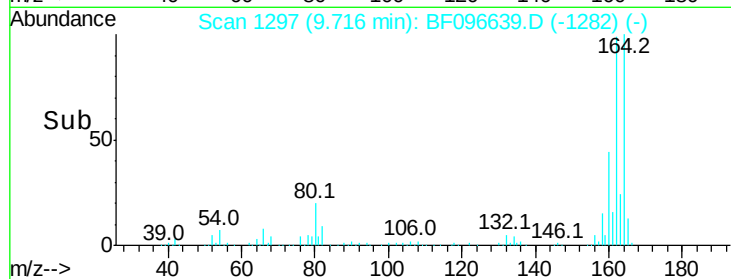
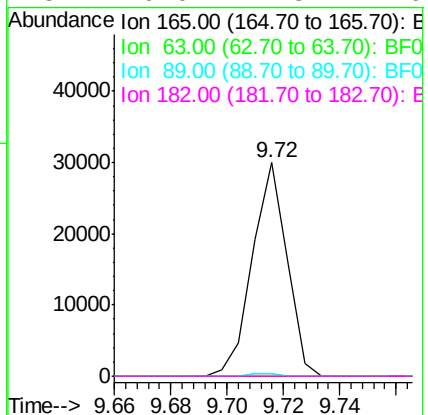
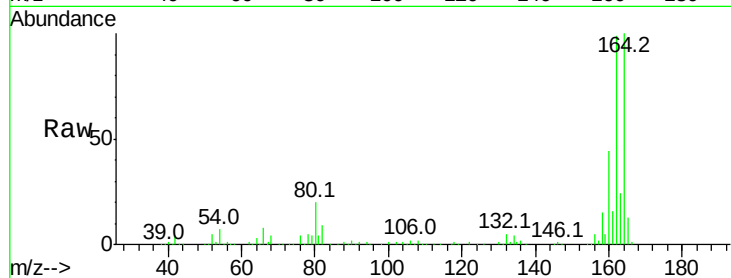




#56
 2,4-Dinitrotoluene
 Concen: 6.026 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096639.D
 Acq: 11 Jul 2017 12:49

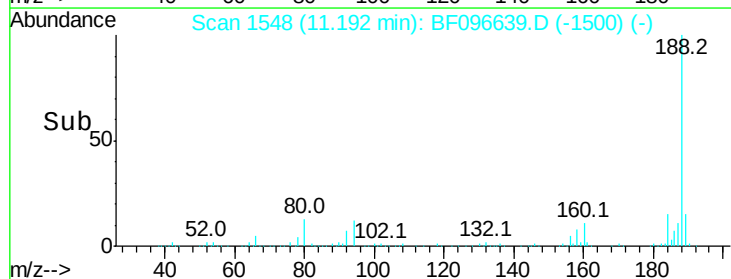
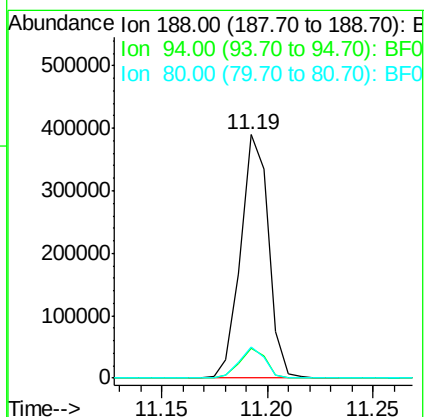
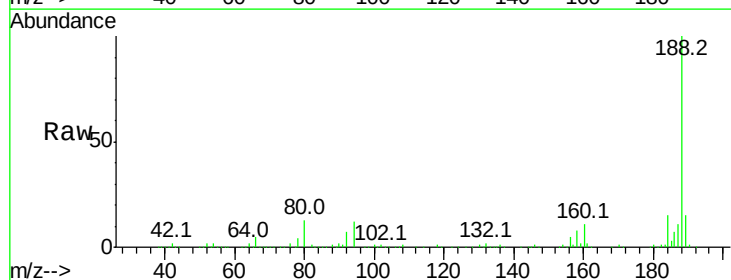
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(10.0-10.5)

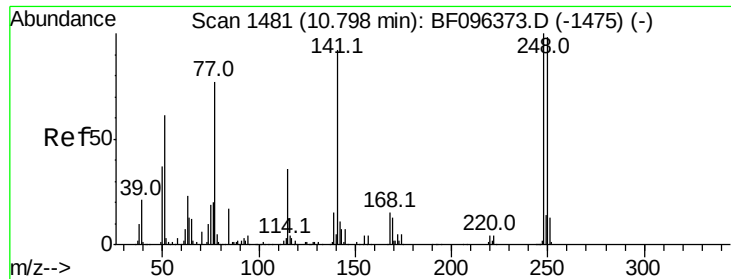
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096639.D
 Acq: 11 Jul 2017 12:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.7	10.2	15.2

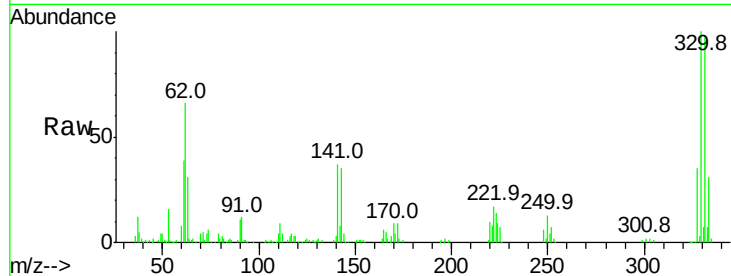




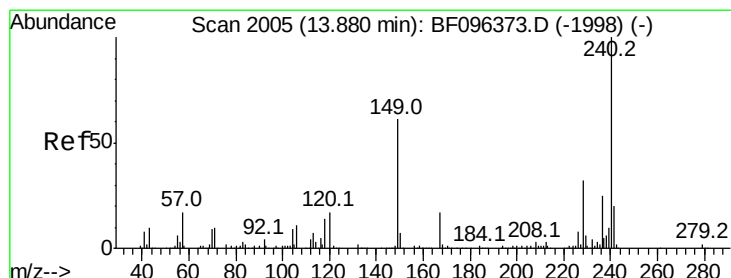
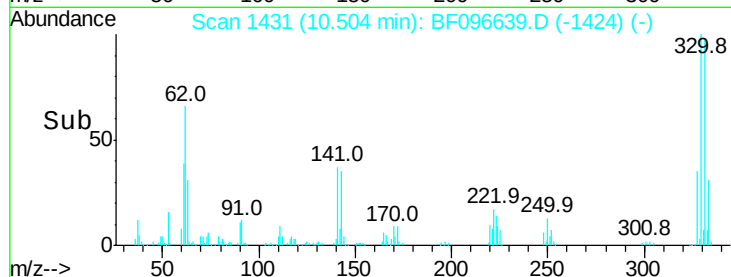
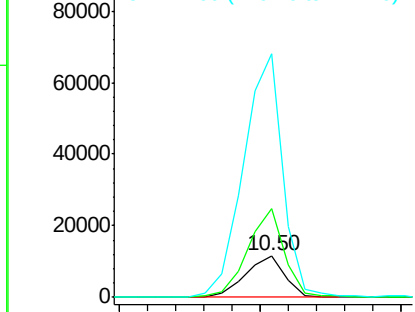
#66
 4-Bromophenyl-phenylether
 Concen: 3.234 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.26 min
 Lab File: BF096639.D
 Acq: 11 Jul 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(10.0-10.5)

Tot Ion:248 Resp: 11214
 Ion Ratio Lower Upper
 248 100
 250 211.6 76.8 115.2#
 141 582.7 68.6 103.0#

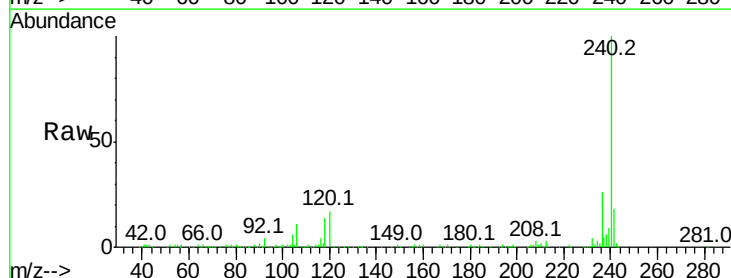


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

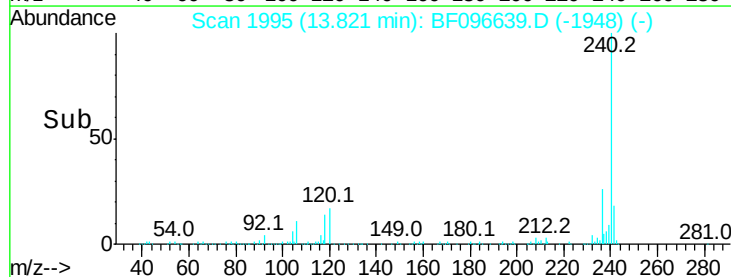
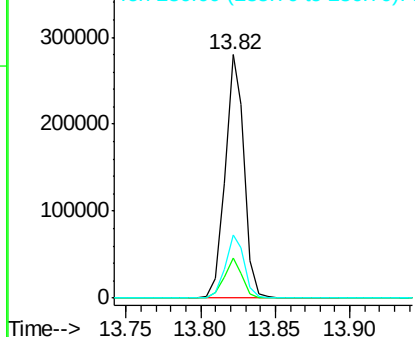


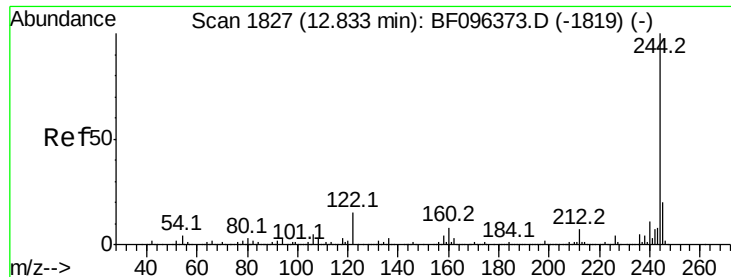
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF096639.D
 Acq: 11 Jul 2017 12:49

Tgt Ion:240 Resp: 251655
 Ion Ratio Lower Upper
 240 100
 120 16.6 5.8 8.8#
 236 26.1 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: 58.966 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096639.D

Acq: 11 Jul 2017 12:49

Instrument :

BNA_F

ClientSampleId :

SB-4(10.0-10.5)

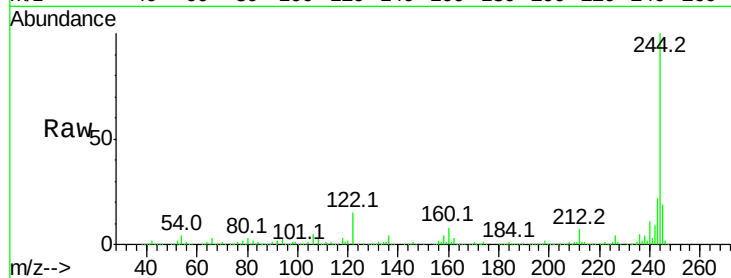
Tot Ion:244 Resp: 694444

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

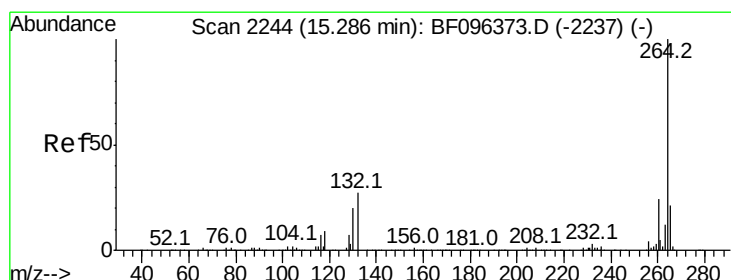
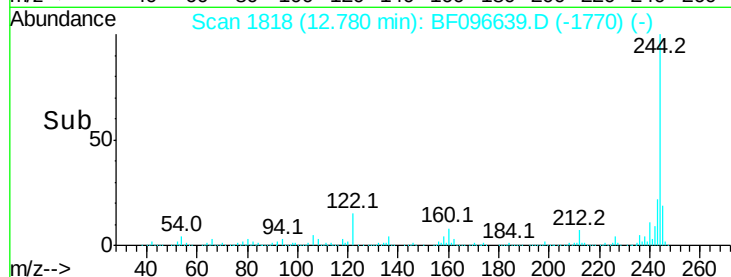
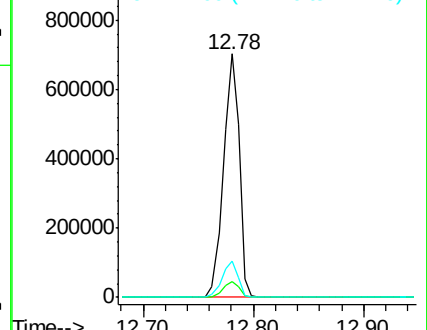
122 15.1 10.3 15.5



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: 15.22 min Scan# 2233

Delta R.T. -0.02 min

Lab File: BF096639.D

Acq: 11 Jul 2017 12:49

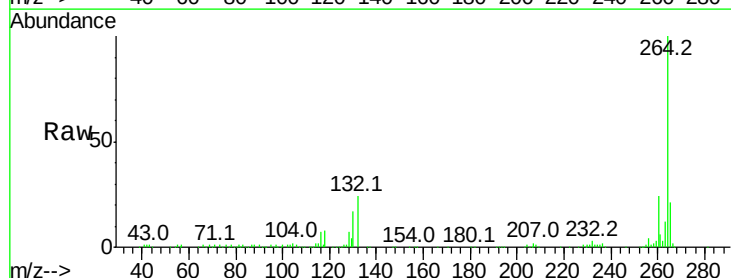
Tgt Ion:264 Resp: 185278

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.0 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

