

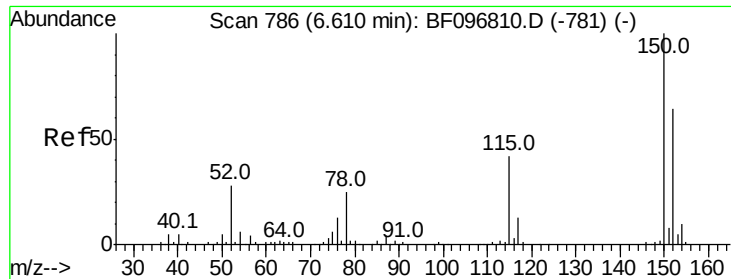
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096821.D
 Acq On : 17 Jul 2017 16:04
 Operator : SJ/JU
 Sample : I4196-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012

Quant Time: Jul 17 18:12:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	102454	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	429704	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	188529	20.00	ng	-0.03
63) Phenanthrene-d10	11.11	188	285736	20.00	ng	-0.04
75) Chrysene-d12	13.73	240	188934	20.00	ng	-0.04
86) Perylene-d12	15.11	264	190983	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	684488	100.45	ng	-0.01
7) Phenol-d6	6.26	99	848421	103.76	ng	-0.02
23) Nitrobenzene-d5	7.17	82	490191	70.66	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	157205	97.69	ng	-0.04
44) 2-Fluorobiphenyl	8.97	172	865595	72.54	ng	-0.03
78) Terphenyl-d14	12.70	244	537567	49.34	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	63892	12.970	ng	# 86
25) Isophorone	7.17	82	487666	37.788	ng	# 67
49) Dimethylphthalate	9.36	163	208148	14.663	ng	# 98
56) 2,4-Dinitrotoluene	9.64	165	23175	5.865	ng	# 32
66) 4-Bromophenyl-phenylether	10.42	248	10041	3.442	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.43	276	259	3.351	ng	# 1

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

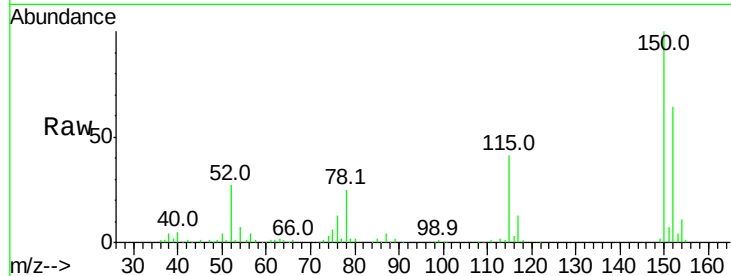


#1

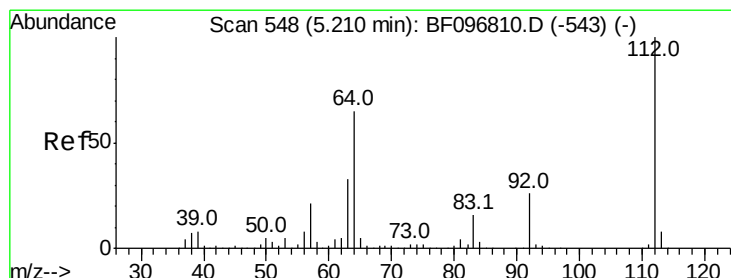
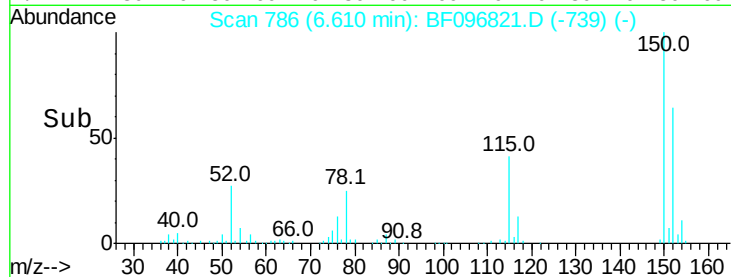
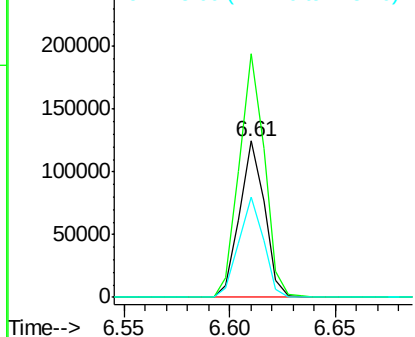
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF096821.D
Acq: 17 Jul 2017 16:04

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012

Tot Ion:152 Resp: 102454
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 64.2 52.2 78.2



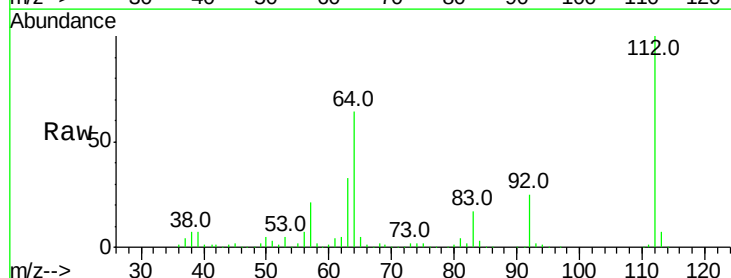
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



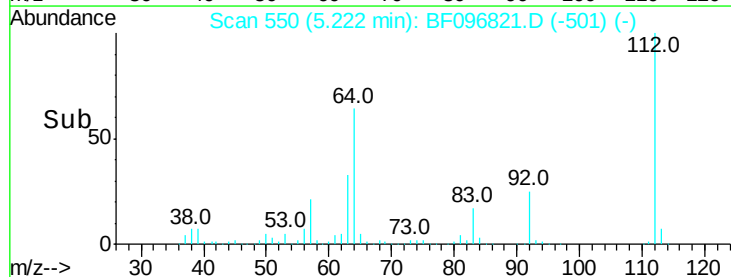
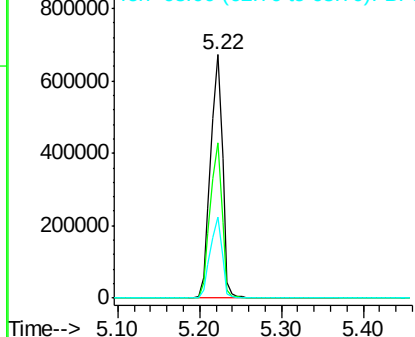
#5

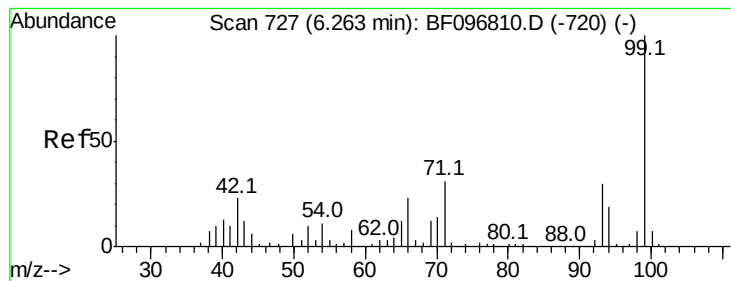
2-Fluorophenol
Concen: 100.453 ng
RT: 5.22 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF096821.D
Acq: 17 Jul 2017 16:04

Tgt Ion:112 Resp: 684488
Ion Ratio Lower Upper
112 100
64 63.9 46.0 69.0
63 33.1 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: 103.757 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF096821.D

Acq: 17 Jul 2017 16:04

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012

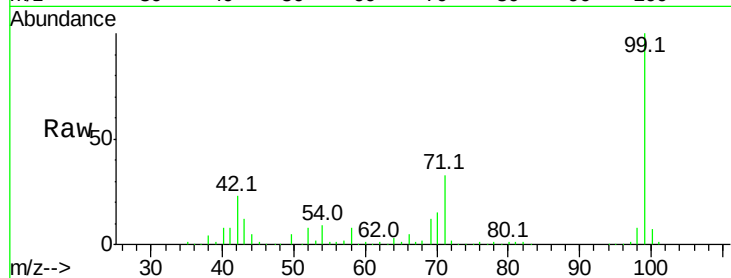
Tot Ion: 99 Resp: 848421

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

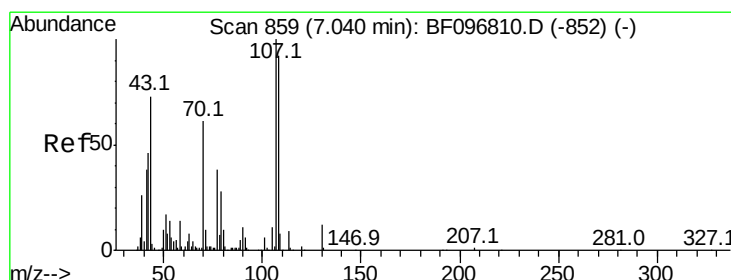
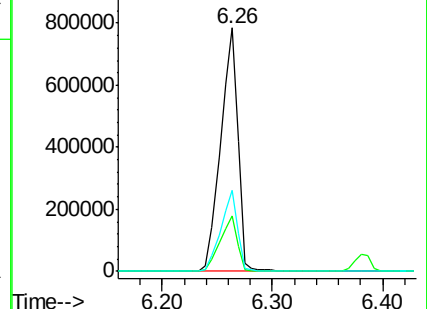
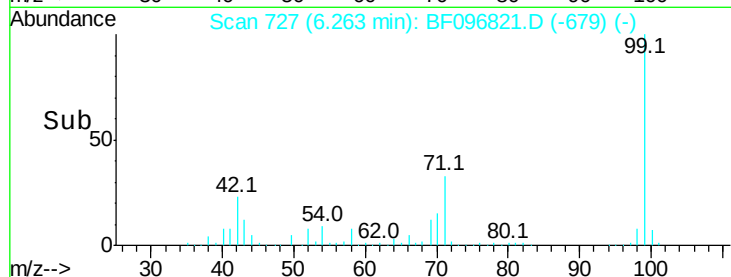
71 33.2 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.970 ng

RT: 7.17 min Scan# 882

Delta R.T. 0.11 min

Lab File: BF096821.D

Acq: 17 Jul 2017 16:04

Tgt Ion: 70 Resp: 63892

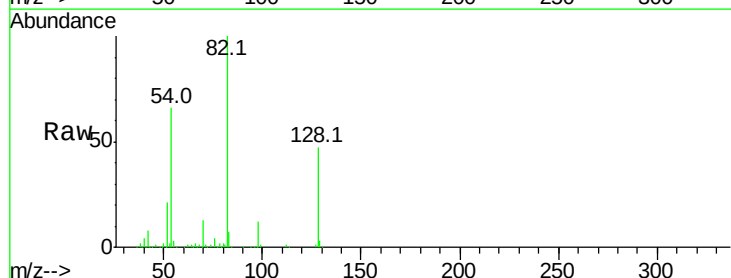
Ion Ratio Lower Upper

70 100

42 62.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

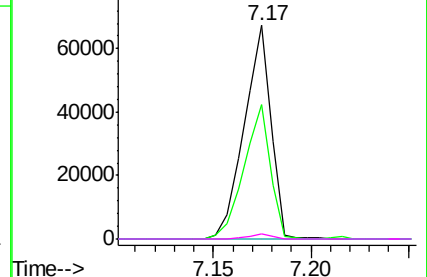
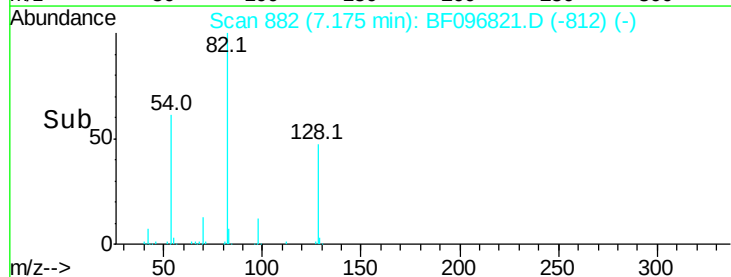


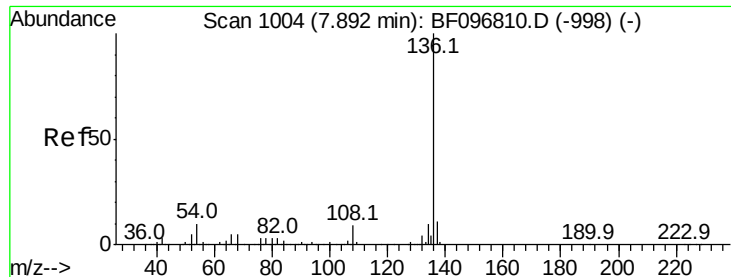
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

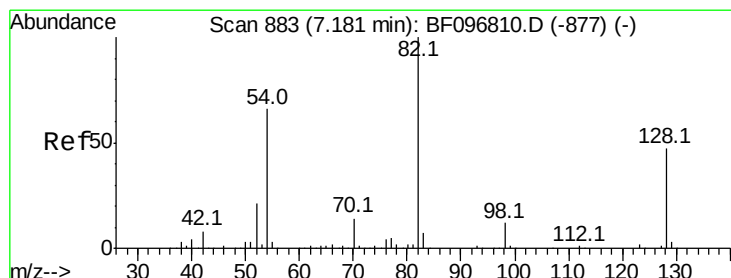
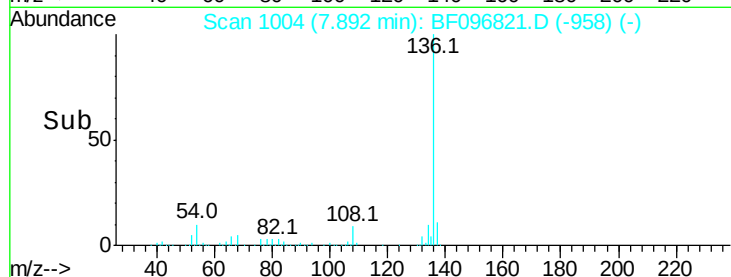
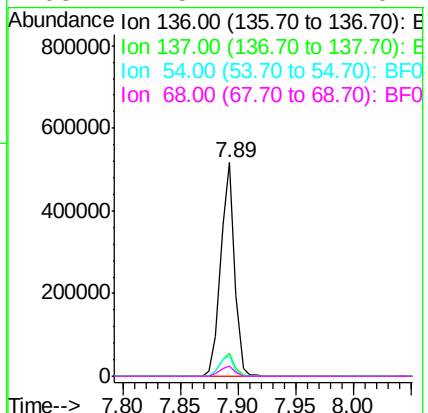
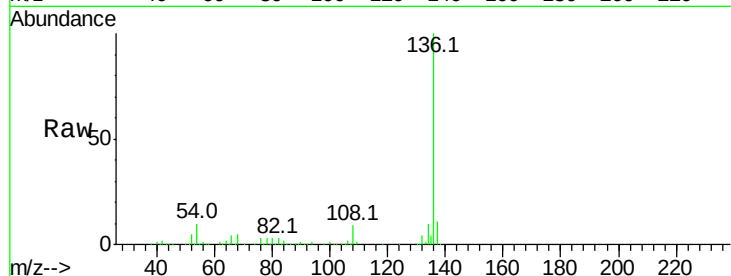




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF096821.D
Acq: 17 Jul 2017 16:04

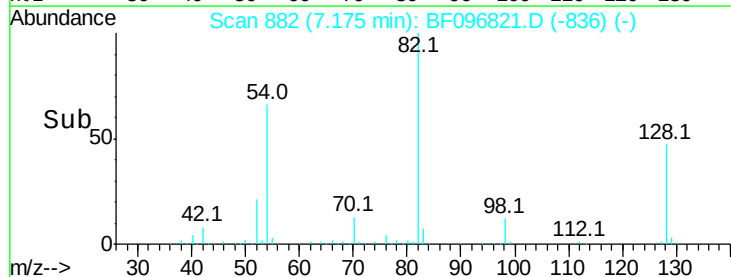
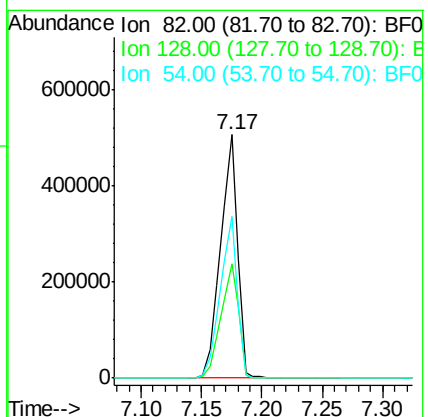
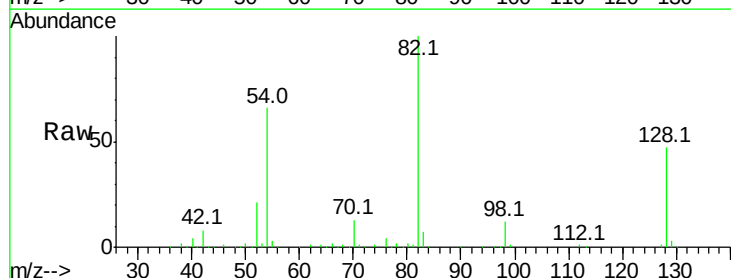
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012

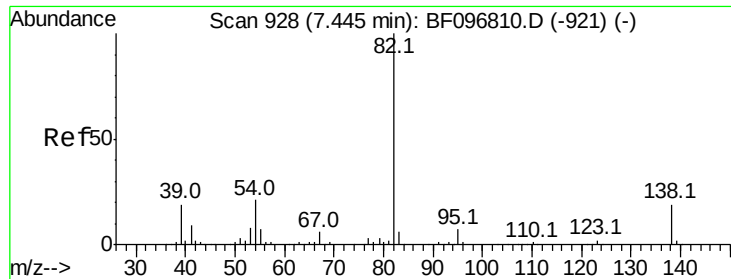
Tot Ion:136	Resp:	429704
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	9.7	4.9 7.3#
68	4.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 70.660 ng
RT: 7.17 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF096821.D
Acq: 17 Jul 2017 16:04

Tgt Ion: 82	Resp:	490191
Ion Ratio	Lower	Upper
82	100	
128	46.8	34.0 51.0
54	66.4	42.2 63.2#

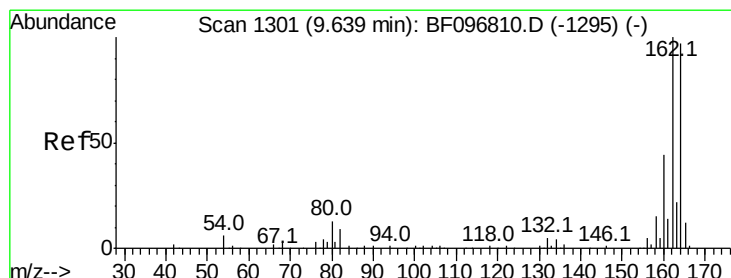
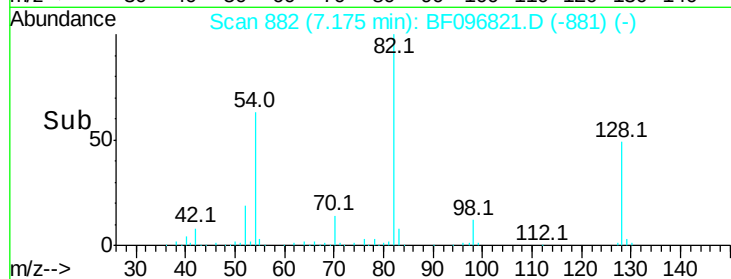
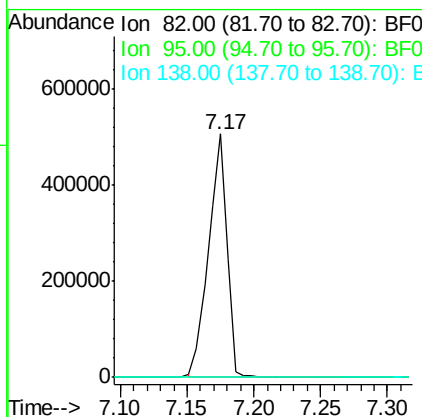
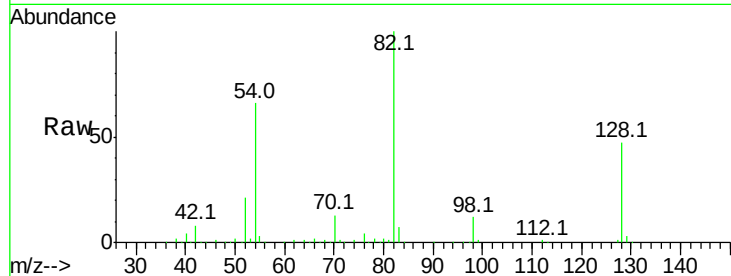




#25
Isophorone
Concen: 37.788 ng
RT: 7.17 min Scan# 882
Delta R.T. -0.29 min
Lab File: BF096821.D
Acq: 17 Jul 2017 16:04

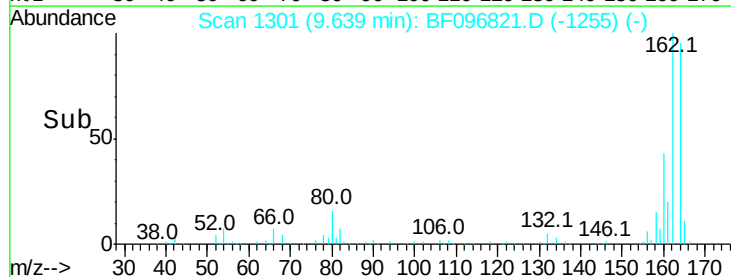
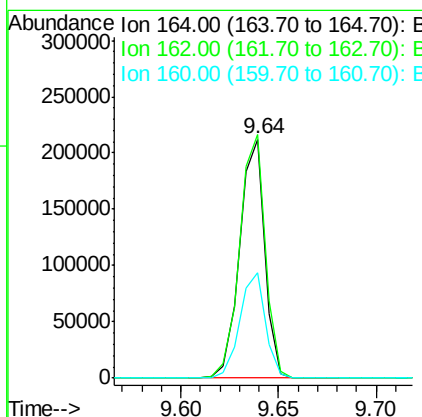
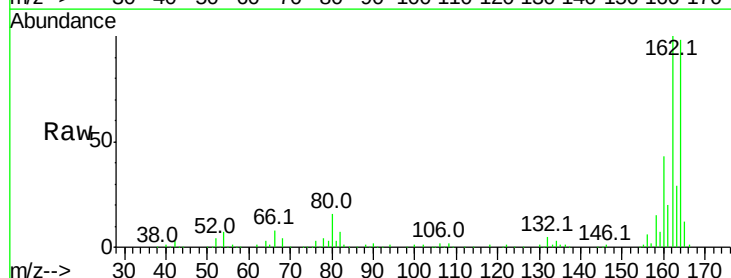
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BNA_F
ClientSampleId :
FK-PS-01-012

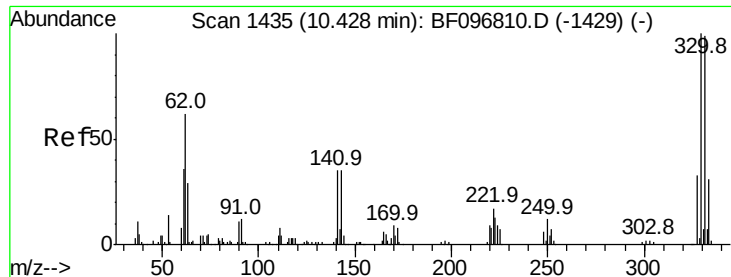
Tot Ion: 82 Resp: 487666
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF096821.D
Acq: 17 Jul 2017 16:04

Tgt Ion:164 Resp: 188529
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 44.0 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 97.688 ng

RT: 10.42 min Scan# 1434

Delta R.T. -0.04 min

Lab File: BF096821.D

Acq: 17 Jul 2017 16:04

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012

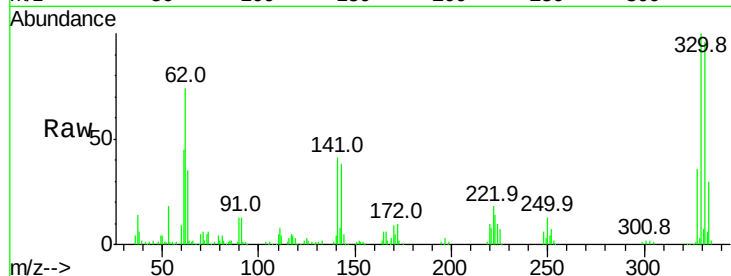
Tot Ion:330 Resp: 157205

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

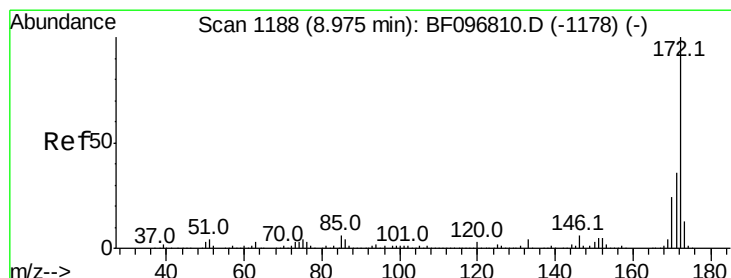
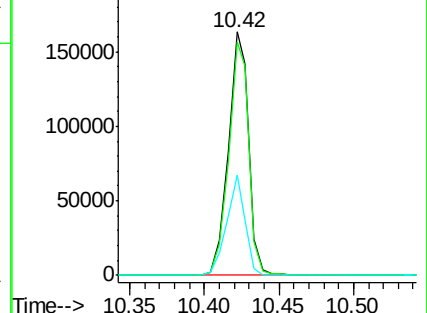
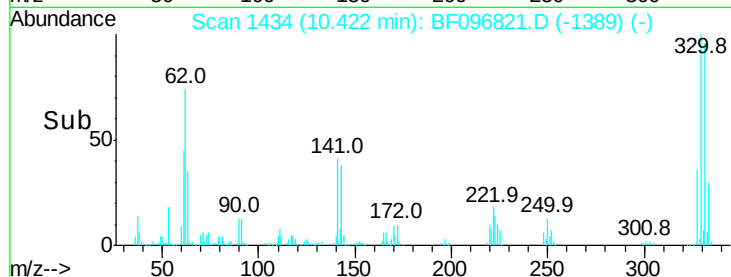
141 37.9 31.4 47.2



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: 72.539 ng

RT: 8.97 min Scan# 1187

Delta R.T. -0.03 min

Lab File: BF096821.D

Acq: 17 Jul 2017 16:04

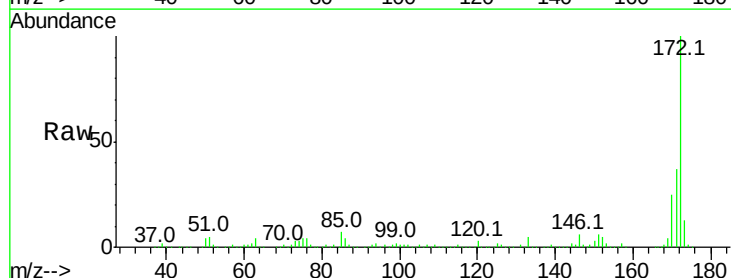
Tgt Ion:172 Resp: 865595

Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

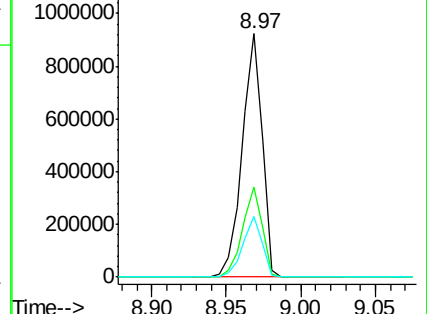
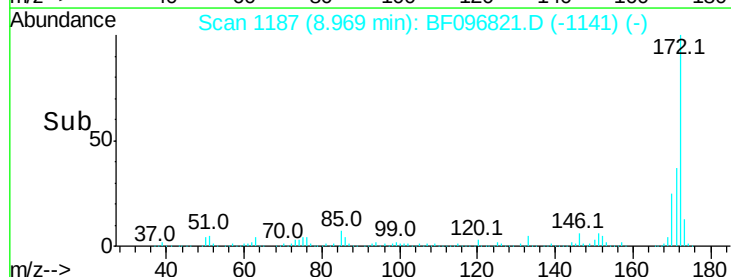
170 24.7 19.8 29.8

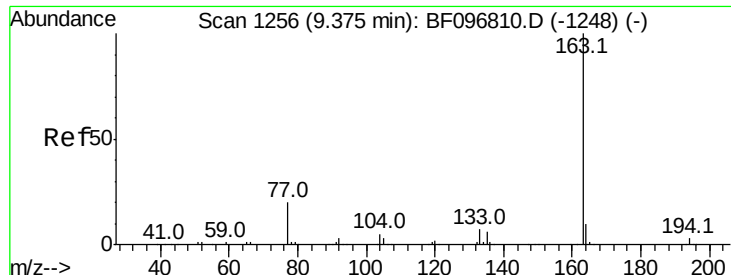


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

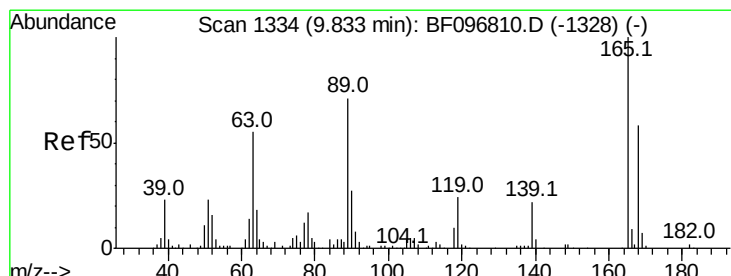
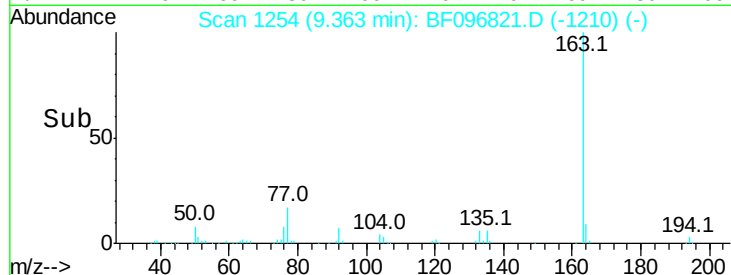
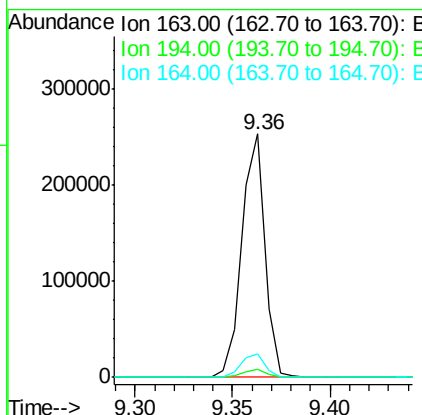
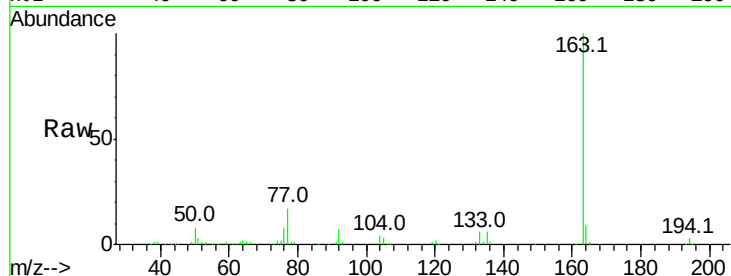




#49
Dimethylphthalate
Concen: 14.663 ng
RT: 9.36 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BF096821.D
Acq: 17 Jul 2017 16:04

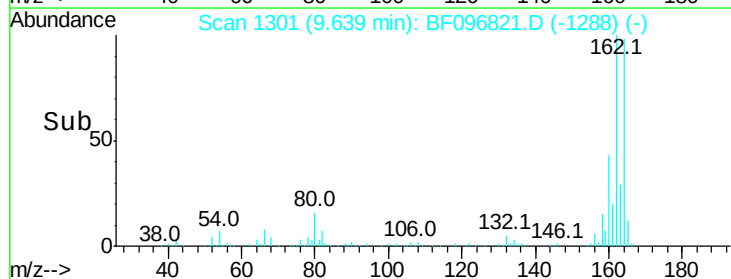
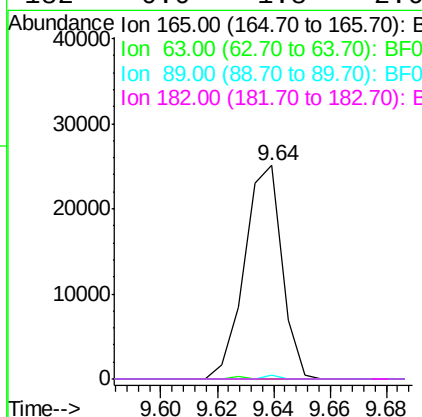
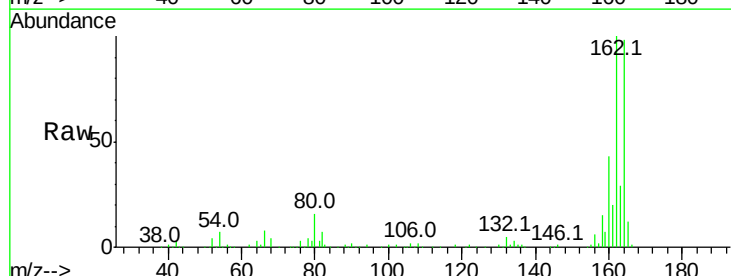
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012

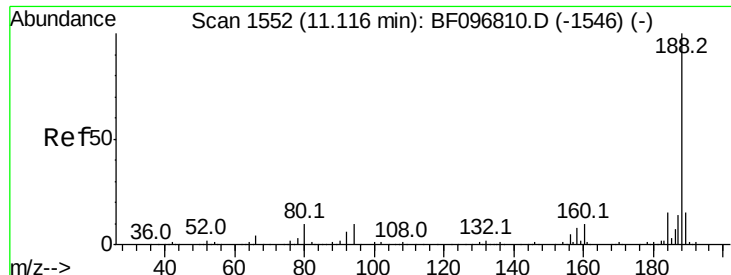
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.4	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 5.865 ng
RT: 9.64 min Scan# 1301
Delta R.T. -0.22 min
Lab File: BF096821.D
Acq: 17 Jul 2017 16:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

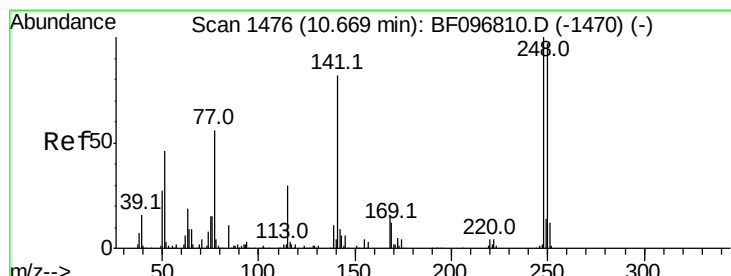
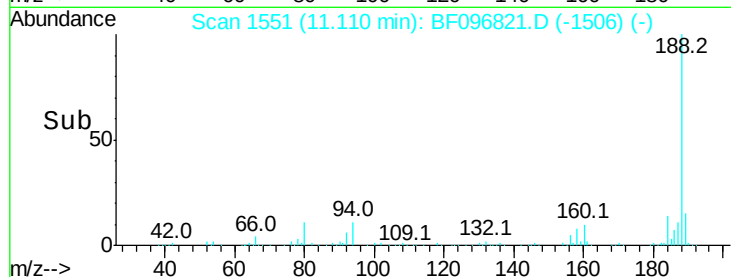
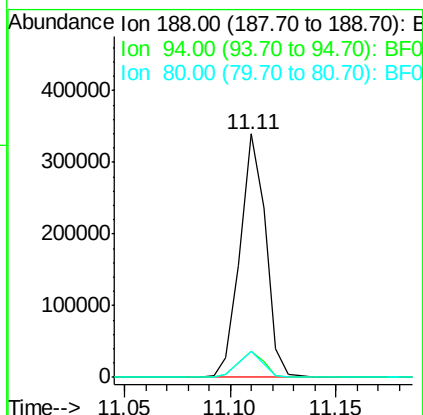
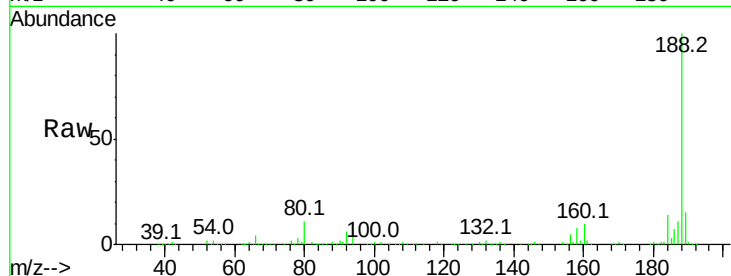




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1551
Delta R.T. -0.04 min
Lab File: BF096821.D
Acq: 17 Jul 2017 16:04

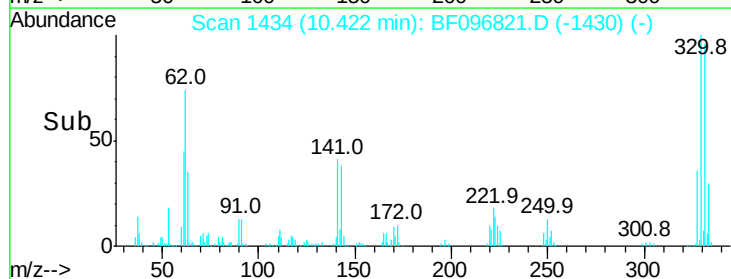
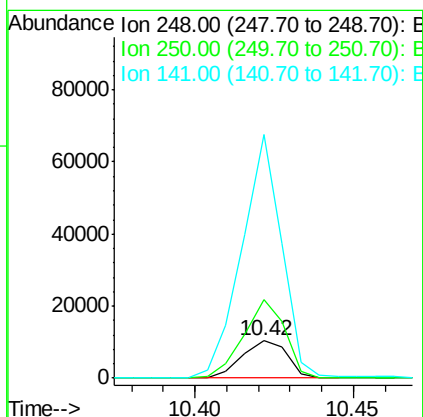
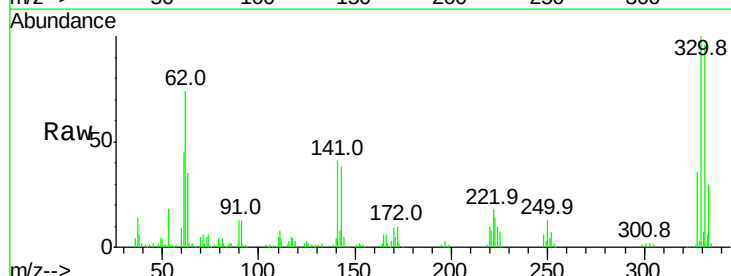
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012

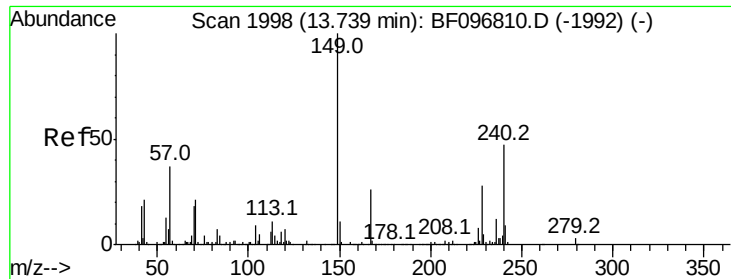
Tot Ion:188 Resp: 285736
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.6 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 3.442 ng
RT: 10.42 min Scan# 1434
Delta R.T. -0.28 min
Lab File: BF096821.D
Acq: 17 Jul 2017 16:04

Tgt Ion:248 Resp: 10041
Ion Ratio Lower Upper
248 100
250 210.2 76.8 115.2#
141 655.4 68.6 103.0#

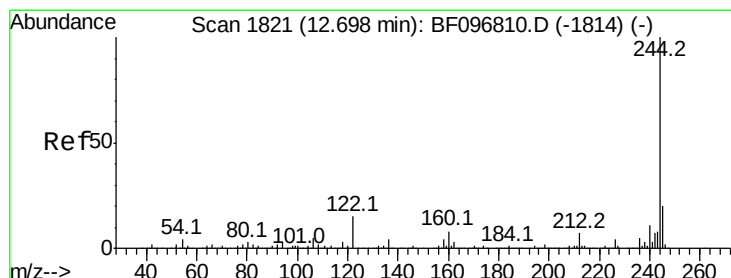
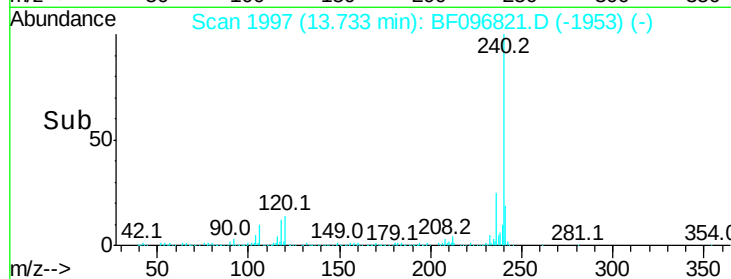
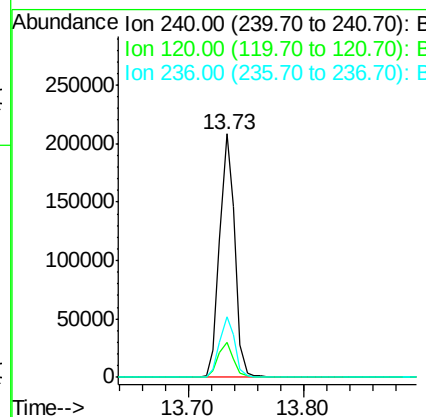
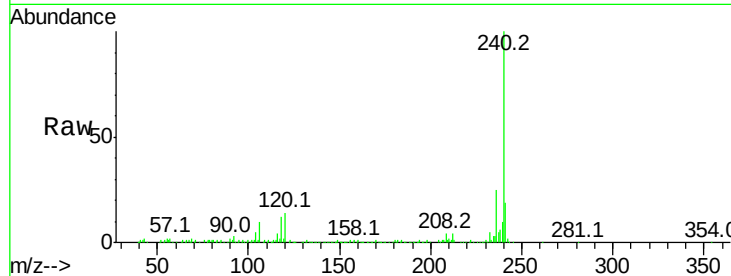




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 1997
 Delta R.T. -0.04 min
 Lab File: BF096821.D
 Acq: 17 Jul 2017 16:04

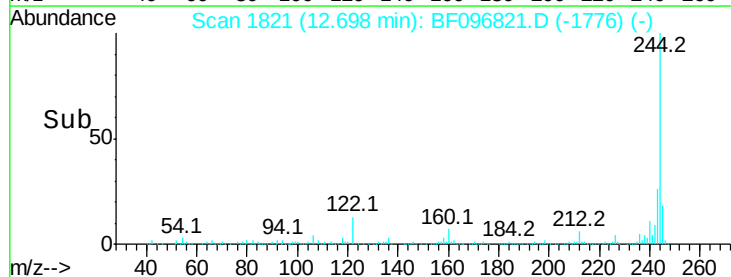
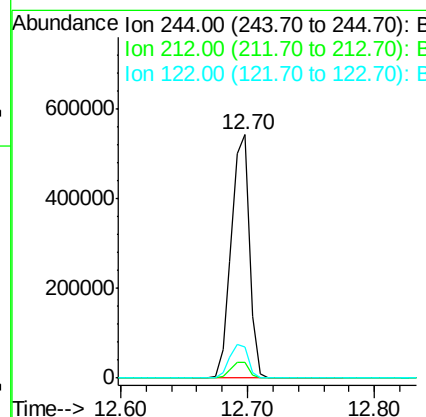
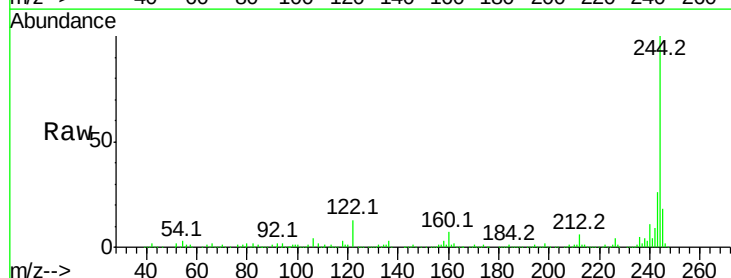
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012

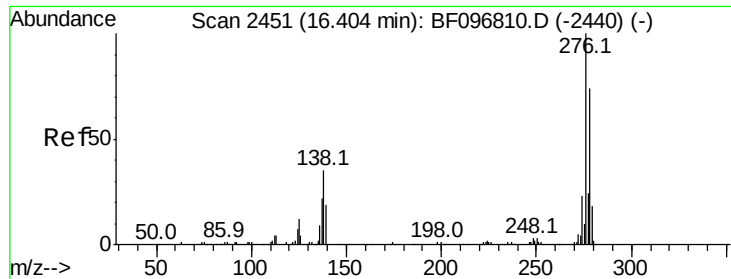
Tot Ion:240 Resp: 188934
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 25.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 49.344 ng
 RT: 12.70 min Scan# 1821
 Delta R.T. -0.04 min
 Lab File: BF096821.D
 Acq: 17 Jul 2017 16:04

Tgt Ion:244 Resp: 537567
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 12.8 10.3 15.5

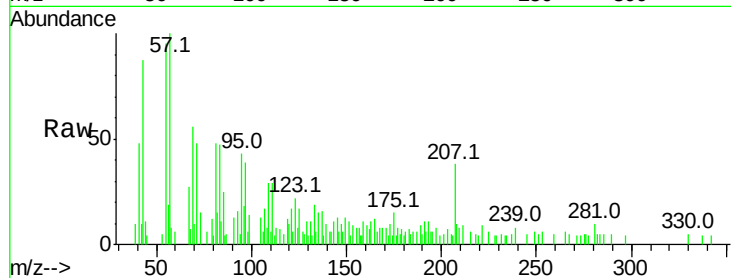




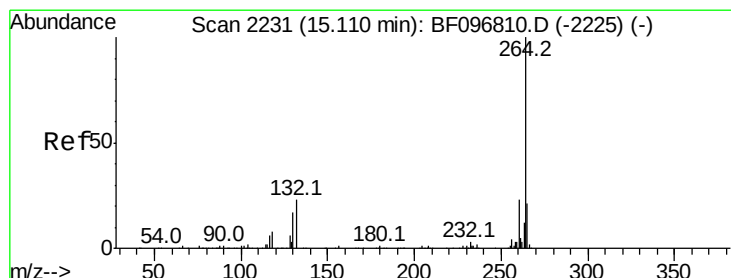
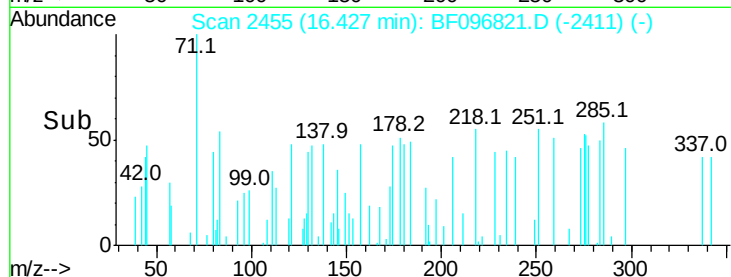
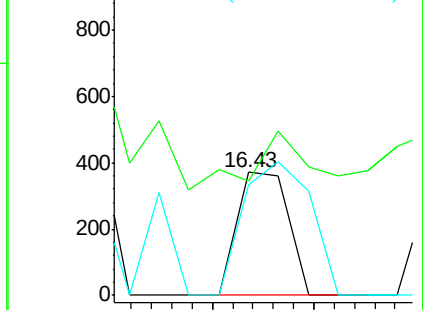
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.351 ng
 RT: 16.43 min Scan# 2455
 Delta R.T. -0.04 min
 Lab File: BF096821.D
 Acq: 17 Jul 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012

Tot Ion:276 Resp: 259
 Ion Ratio Lower Upper
 276 100
 138 0.0 27.8 41.6#
 277 142.9 20.2 30.4#

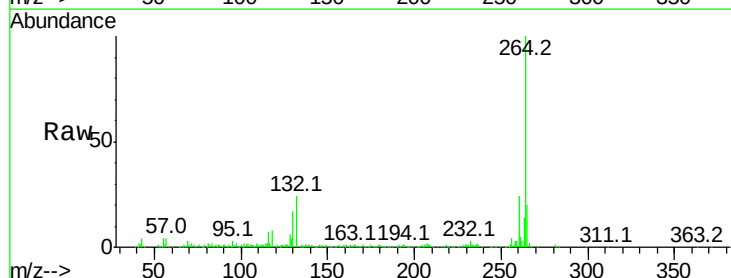


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.11 min Scan# 2231
 Delta R.T. -0.05 min
 Lab File: BF096821.D
 Acq: 17 Jul 2017 16:04

Tgt Ion:264 Resp: 190983
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 20.2 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

