

Data File : BF096926.D
Acq On : 21 Jul 2017 00:48
Operator : SJ/JU
Sample : I4319-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-2(0-6)COMP

Quant Time: Jul 21 03:30:53 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	6.57	152	102510	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	493861	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	195200	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	311748	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	233862	20.00	ng	-0.03
86) Perylene-d12	15.07	264	210695	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	775630	113.77	ng	-0.02
7) Phenol-d6	6.23	99	958918	117.21	ng	-0.02
23) Nitrobenzene-d5	7.13	82	536149	67.24	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	182071	109.27	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	896047	72.52	ng	-0.03
78) Terphenyl-d14	12.66	244	603392	44.75	ng	-0.03

Target Compounds				Qvalue		
10) Phenol	6.23	94	39027	4.22	ng	85
19) n-Nitroso-di-n-propylamine	7.13	70	70400	14.28	ng	# 88
25) Isophorone	7.13	82	511801	34.51	ng	# 67
49) Dimethylphthalate	9.32	163	126733	8.62	ng	98
56) 2,4-Dinitrotoluene	9.60	165	24532	6.00	ng	# 33
66) 4-Bromophenyl-phenylether	10.39	248	11008	3.46	ng	# 1
70) Phenanthrene	11.10	178	42872	2.53	ng	98
74) Fluoranthene	12.28	202	46655	2.88	ng	99
77) Pyrene	12.50	202	57064	2.69	ng	97
85) Indeno(1,2,3-cd)pyrene	16.34	276	10491	4.09	ng	95
87) Benzo(b)fluoranthene	14.70	252	33037	2.60	ng	# 90
88) Benzo(k)fluoranthene	14.70	252	33037	2.75	ng	# 92

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

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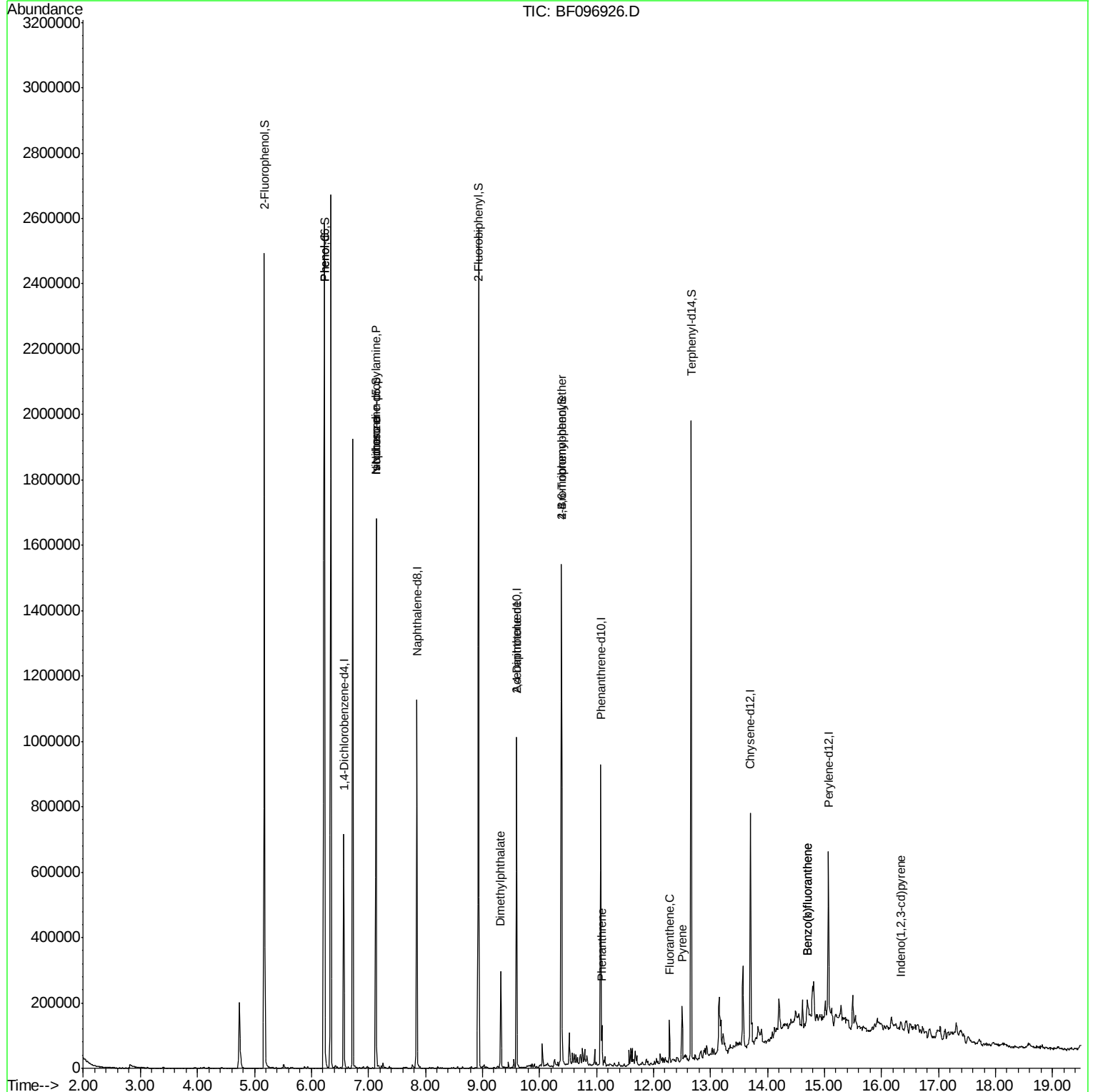
Quant Time: Jul 21 03:30:53 2017

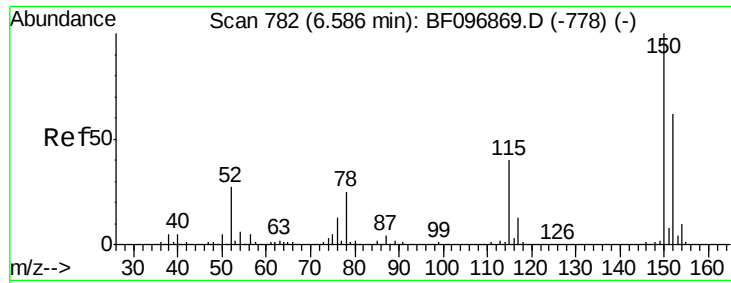
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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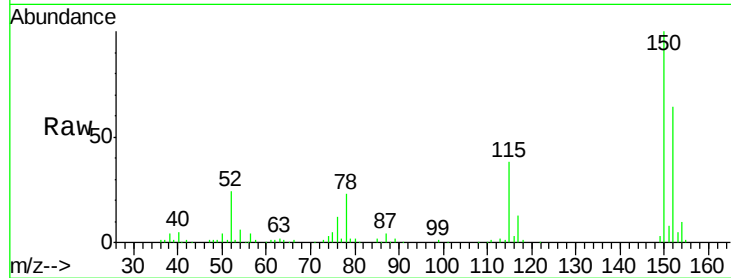




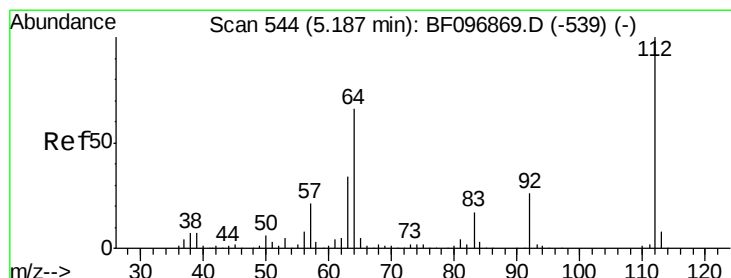
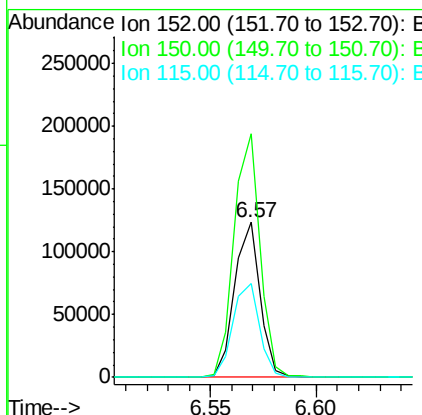
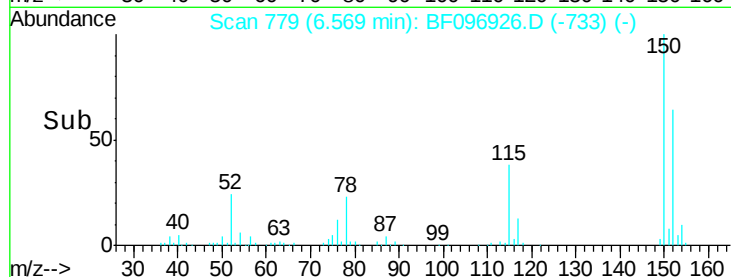
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096926.D
 Acq: 21 Jul 2017 00:48

Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-6)COMP

Tgt Ion:152 Resp: 102510
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.2 189.2
 115 60.1 52.2 78.2

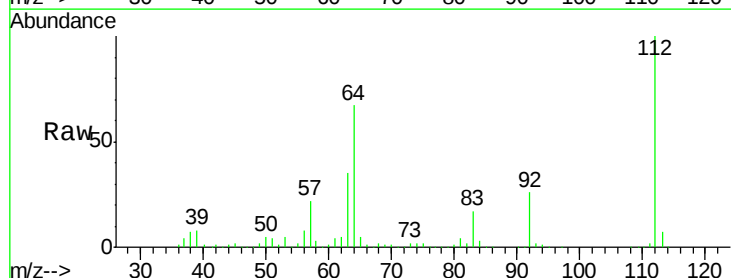


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

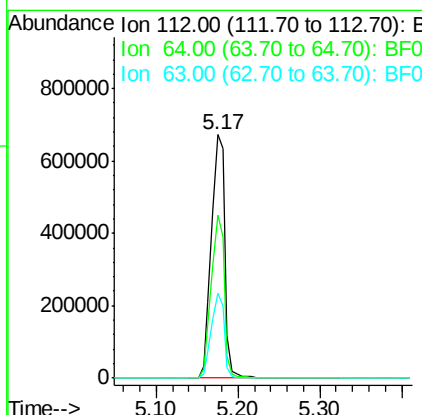
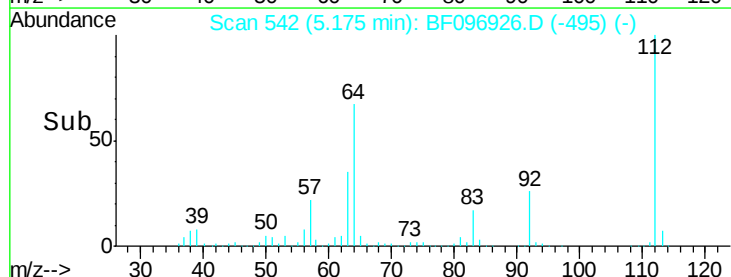


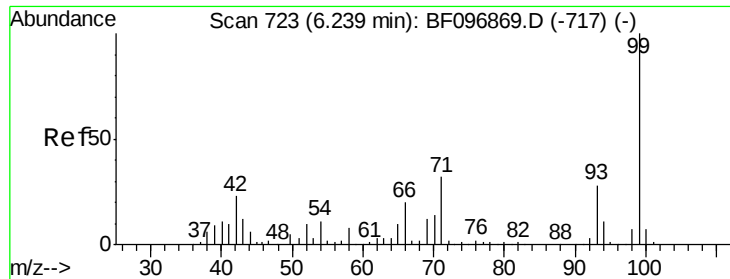
#5
 2-Fluorophenol
 Concen: 113.77 ng
 RT: 5.17 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: BF096926.D
 Acq: 21 Jul 2017 00:48

Tgt Ion:112 Resp: 775630
 Ion Ratio Lower Upper
 112 100
 64 66.8 46.0 69.0
 63 34.6 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: 117.21 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096926.D

Acq: 21 Jul 2017 00:48

Instrument :

BNA_F

ClientSampleId :

B-2(0-6)COMP

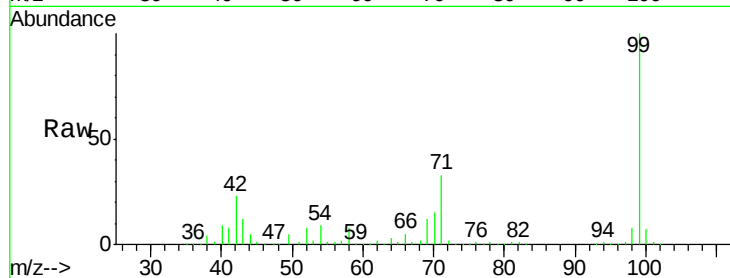
Tgt Ion: 99 Resp: 958918

Ion Ratio Lower Upper

99 100

42 23.0 13.5 20.3#

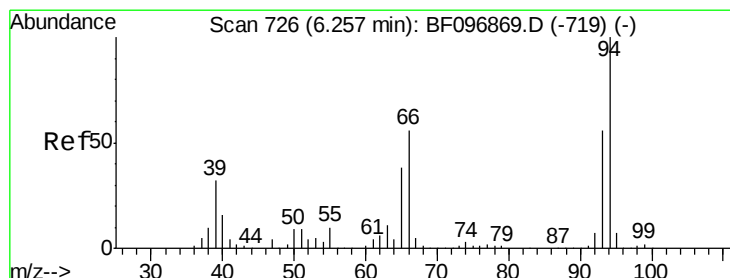
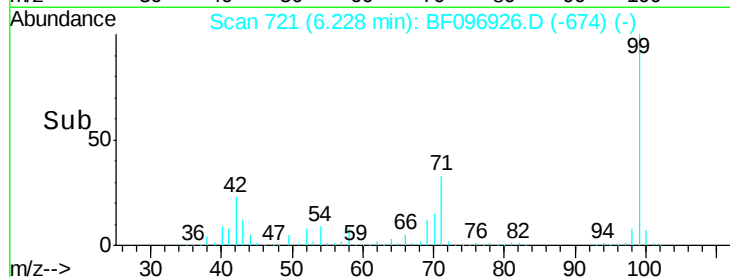
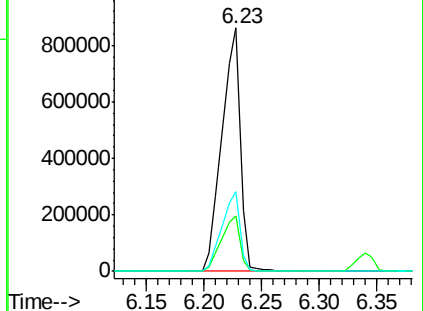
71 32.6 24.5 36.7



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: 4.22 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF096926.D

Acq: 21 Jul 2017 00:48

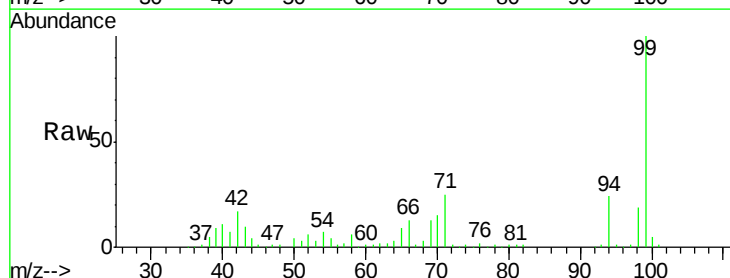
Tgt Ion: 94 Resp: 39027

Ion Ratio Lower Upper

94 100

65 35.7 9.9 49.9

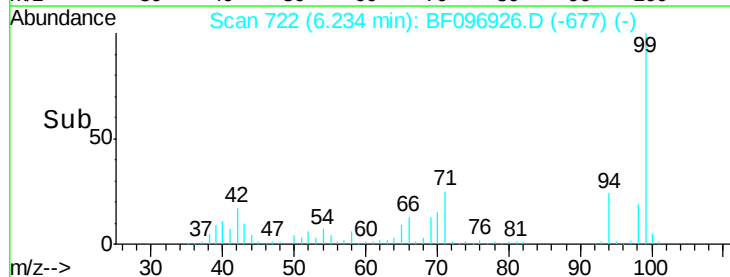
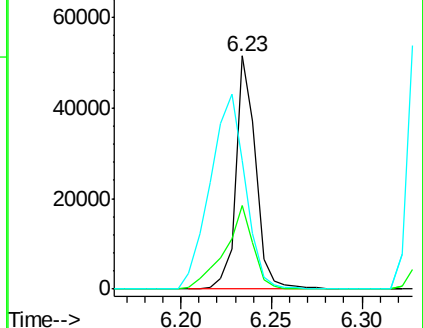
66 54.9 23.1 63.1

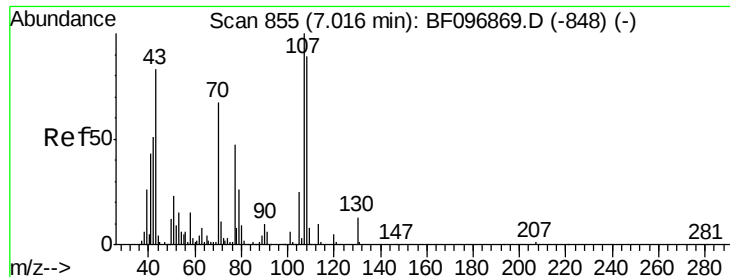


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

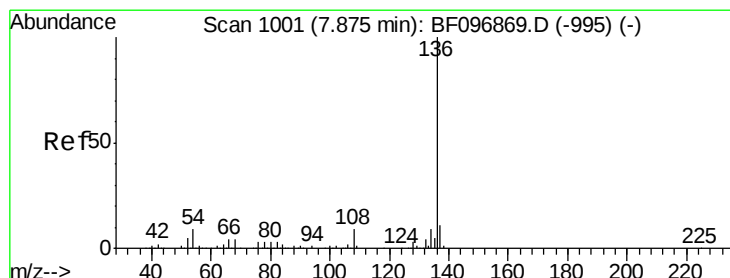
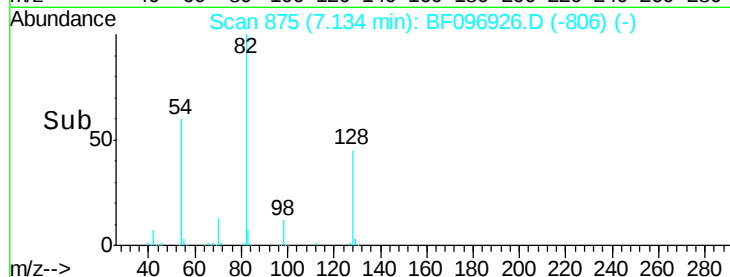
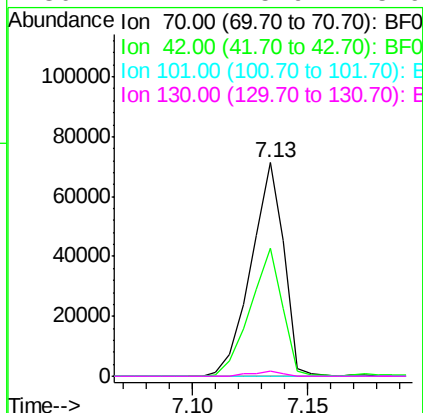
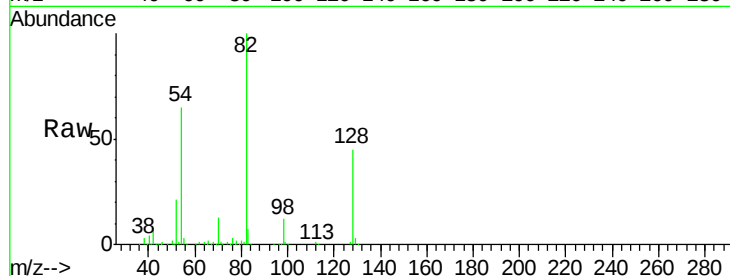




#19
n-Nitroso-di-n-propylamine
Concen: 14.28 ng
RT: 7.13 min Scan# 875
Delta R.T. 0.11 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

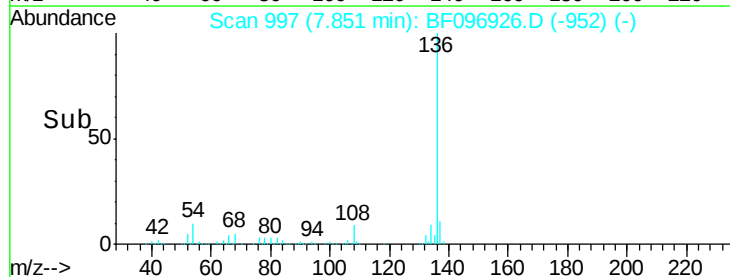
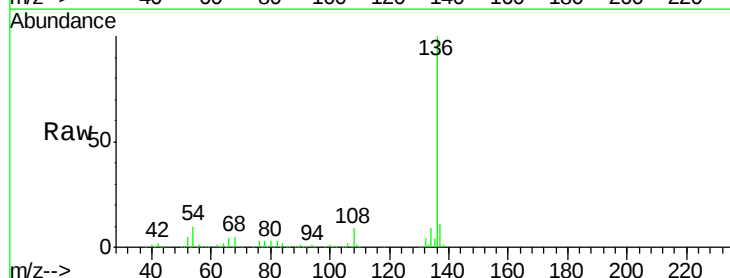
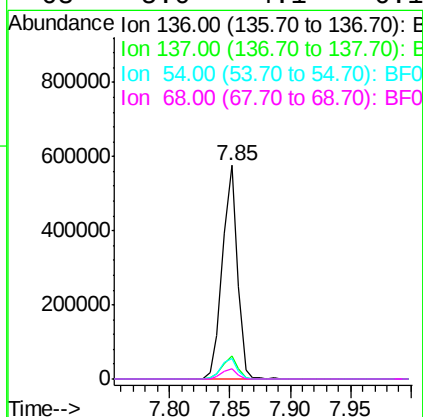
Instrument :
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ClientSampleId :
B-2(0-6)COMP

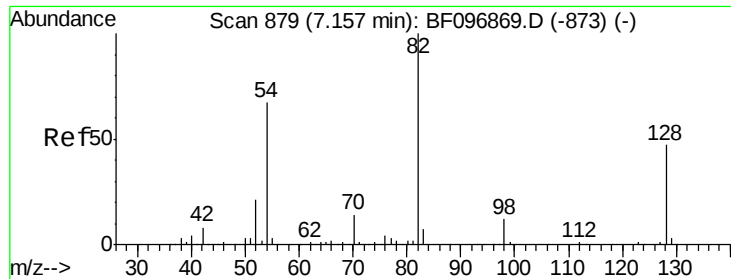
Tgt Ion: 70 Resp: 70400
Ion Ratio Lower Upper
70 100
42 60.0 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Tgt Ion: 136 Resp: 493861
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 9.8 4.9 7.3#
68 5.0 4.1 6.1

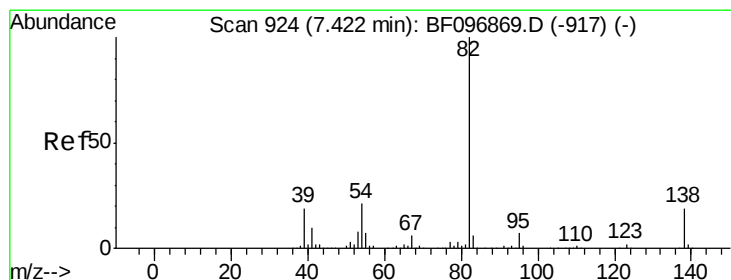
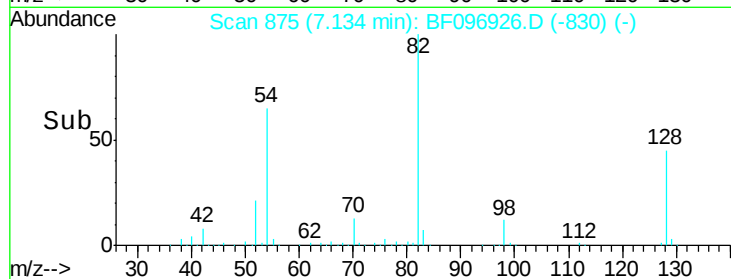
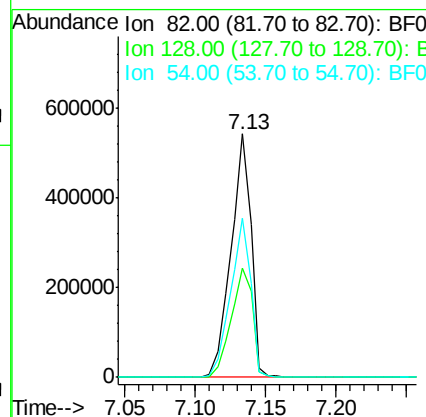
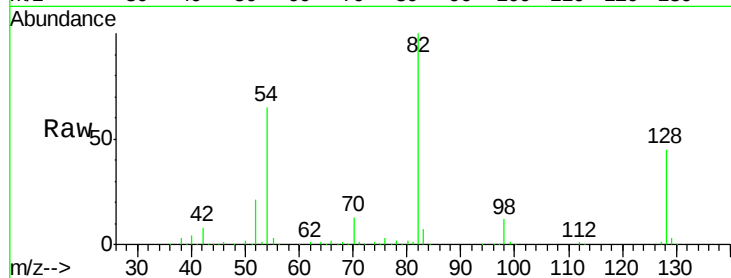




#23
 Nitrobenzene-d5
 Concen: 67.24 ng
 RT: 7.13 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF096926.D
 Acq: 21 Jul 2017 00:48

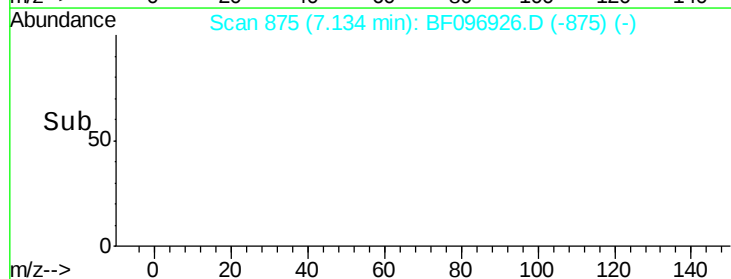
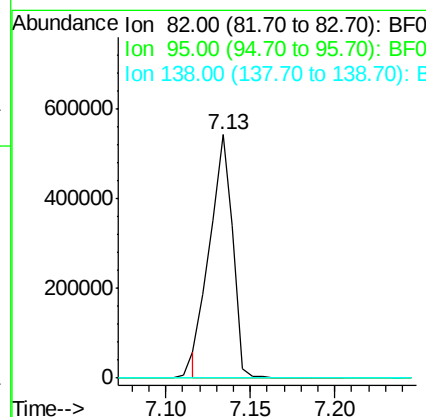
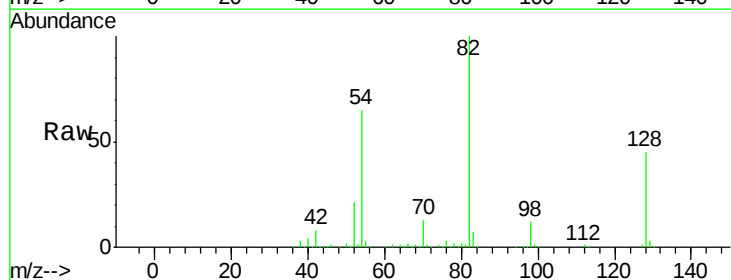
Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-6)COMP

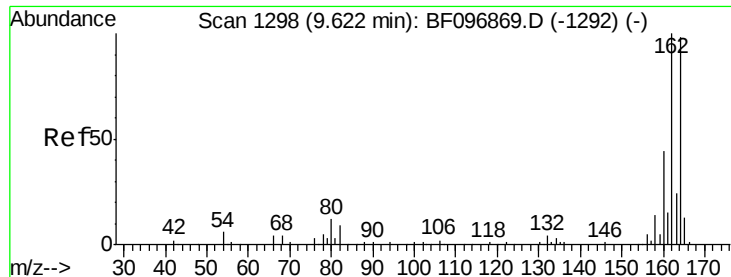
Tgt Ion: 82 Resp: 536149
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.0 51.0
 54 65.2 42.2 63.2#



#25
 Isophorone
 Concen: 34.51 ng
 RT: 7.13 min Scan# 875
 Delta R.T. -0.30 min
 Lab File: BF096926.D
 Acq: 21 Jul 2017 00:48

Tgt Ion: 82 Resp: 511801
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096926.D

Acq: 21 Jul 2017 00:48

Instrument :

BNA_F

ClientSampleId :

B-2(0-6)COMP

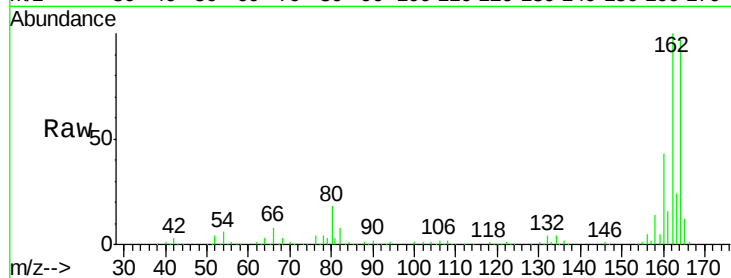
Tgt Ion:164 Resp: 195200

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

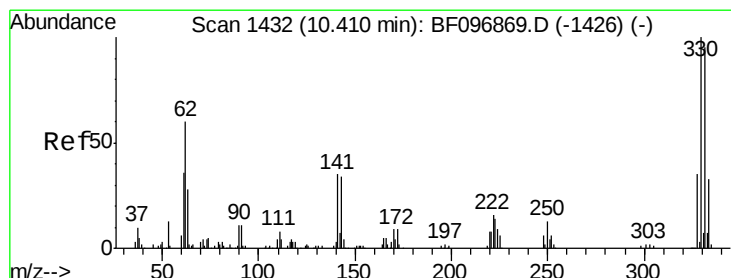
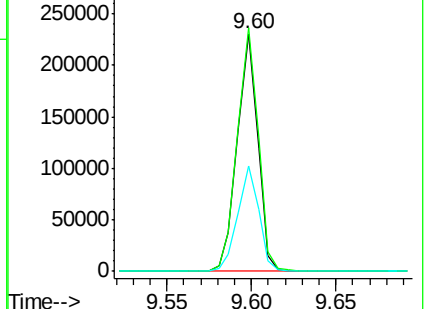
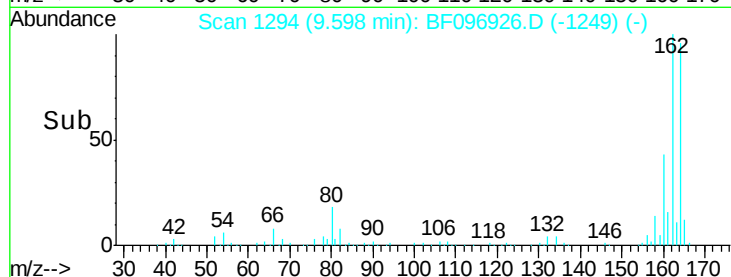
160 44.2 36.2 54.2



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: 109.27 ng

RT: 10.39 min Scan# 1428

Delta R.T. -0.04 min

Lab File: BF096926.D

Acq: 21 Jul 2017 00:48

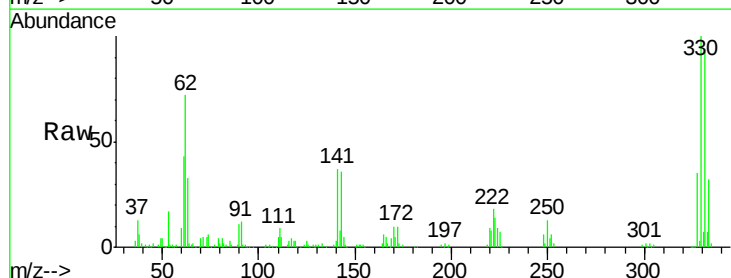
Tgt Ion:330 Resp: 182071

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

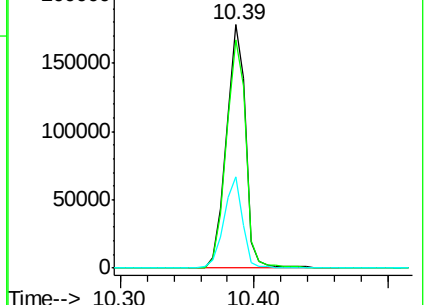
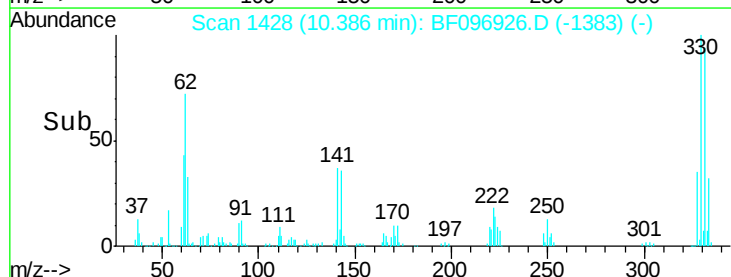
141 36.3 31.4 47.2

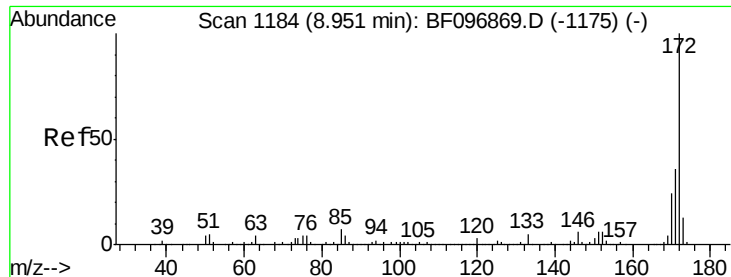


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

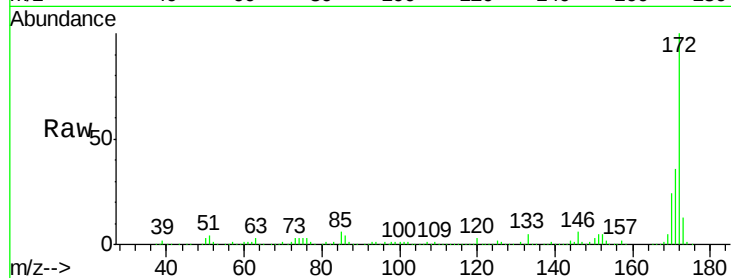




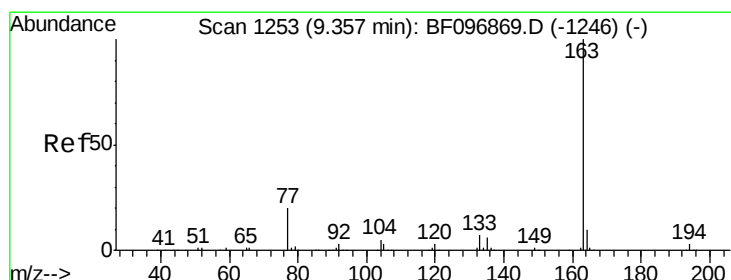
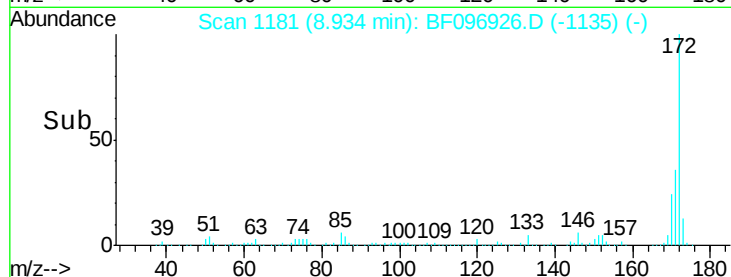
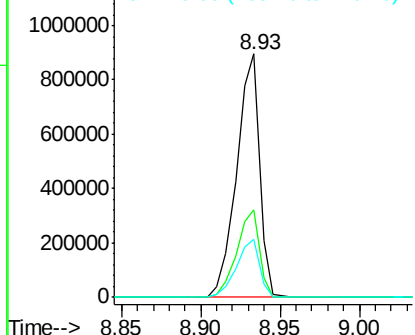
#44
 2-Fluorobiphenyl
 Concen: 72.52 ng
 RT: 8.93 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF096926.D
 Acq: 21 Jul 2017 00:48

Instrument :
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 B-2(0-6)COMP

Tgt Ion:172 Resp: 896047
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.7 19.8 29.8

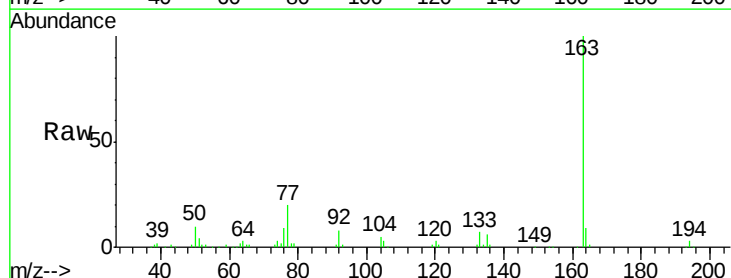


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

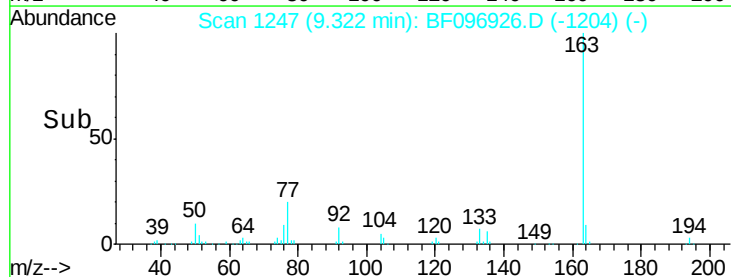
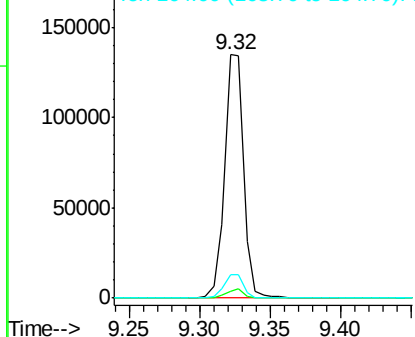


#49
 Dimethylphthalate
 Concen: 8.62 ng
 RT: 9.32 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF096926.D
 Acq: 21 Jul 2017 00:48

Tgt Ion:163 Resp: 126733
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.6 4.0
 164 9.5 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

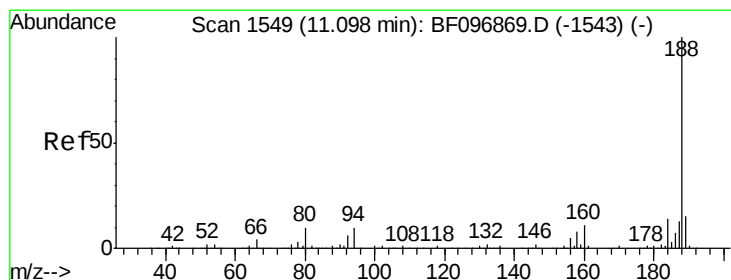
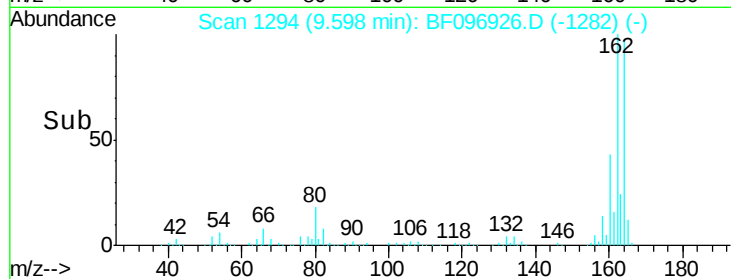
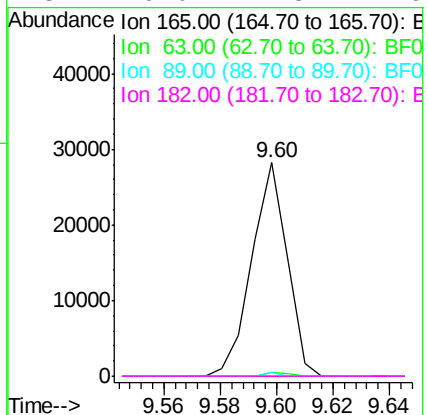
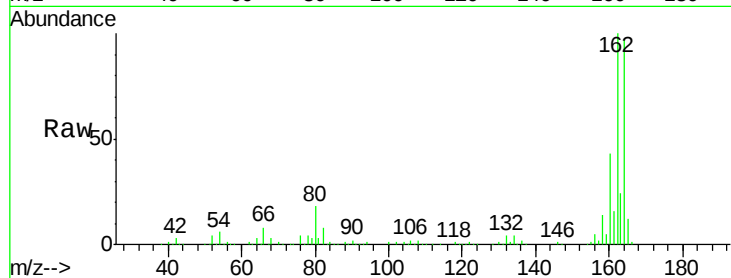




#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.60 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096926.D
 Acq: 21 Jul 2017 00:48

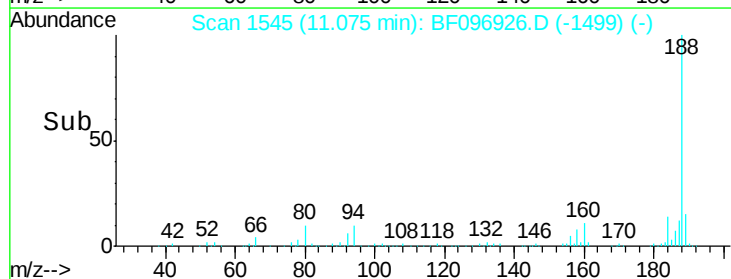
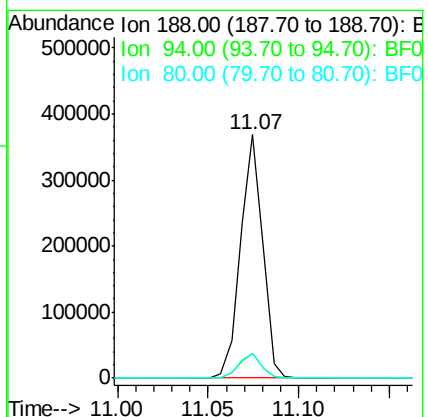
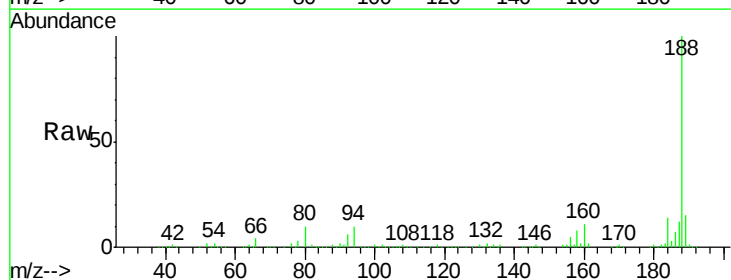
Instrument :
 BNA_F
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 B-2(0-6)COMP

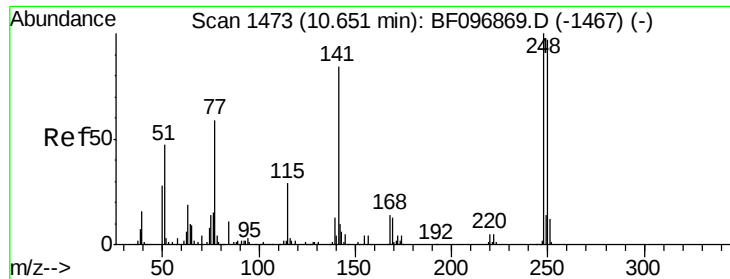
Tgt Ion:165 Resp: 24532
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 1.7 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 1545
 Delta R.T. -0.03 min
 Lab File: BF096926.D
 Acq: 21 Jul 2017 00:48

Tgt Ion:188 Resp: 311748
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.2 10.2 15.2

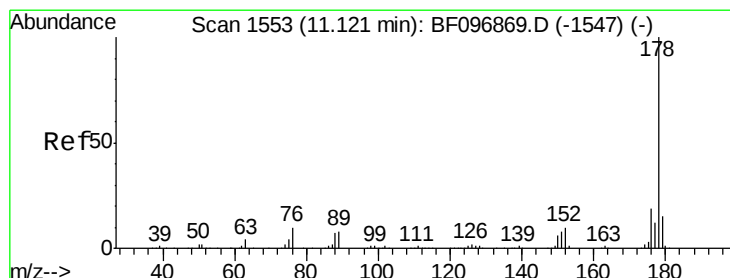
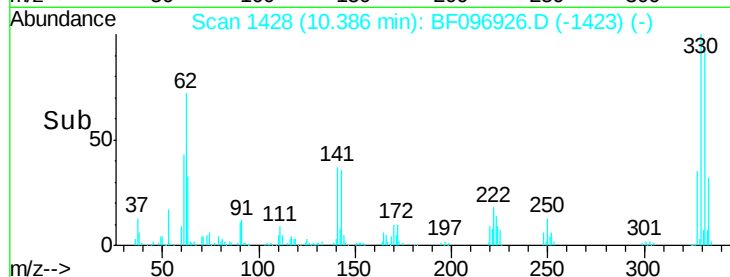
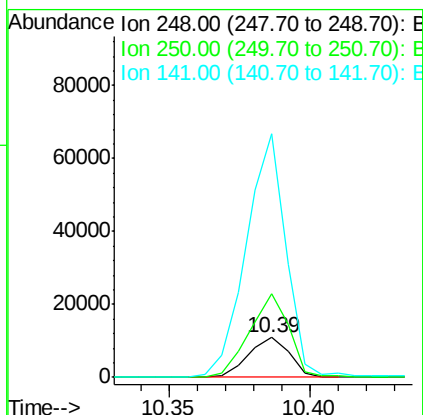
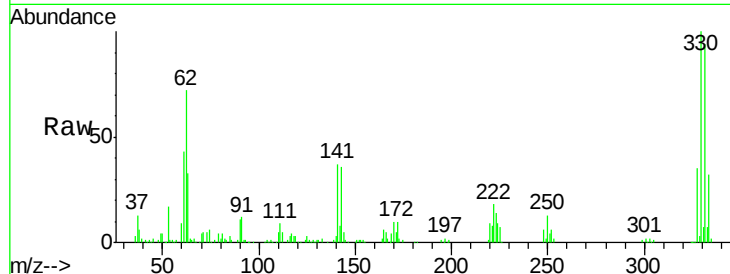




#66
 4-Bromophenyl-phenylether
 Concen: 3.46 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.27 min
 Lab File: BF096926.D
 Acq: 21 Jul 2017 00:48

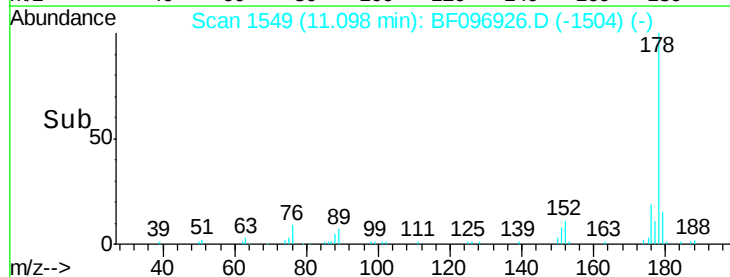
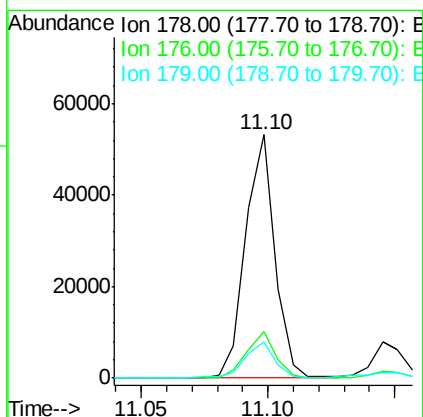
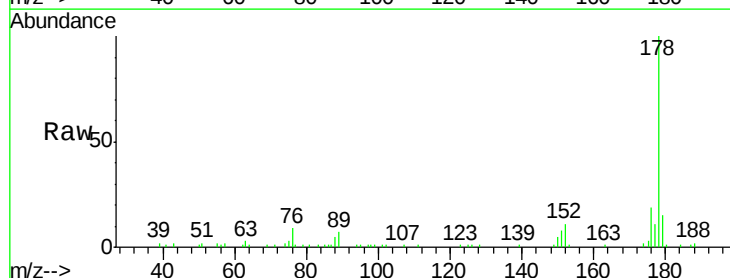
Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-6)COMP

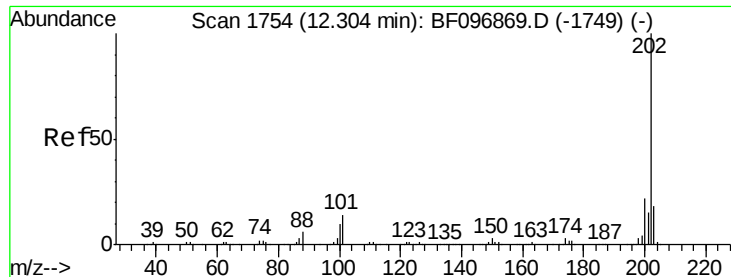
Tgt Ion:248 Resp: 11008
 Ion Ratio Lower Upper
 248 100
 250 207.9 76.8 115.2#
 141 610.0 68.6 103.0#



#70
 Phenanthrene
 Concen: 2.53 ng
 RT: 11.10 min Scan# 1549
 Delta R.T. -0.04 min
 Lab File: BF096926.D
 Acq: 21 Jul 2017 00:48

Tgt Ion:178 Resp: 42872
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.1 12.6 19.0

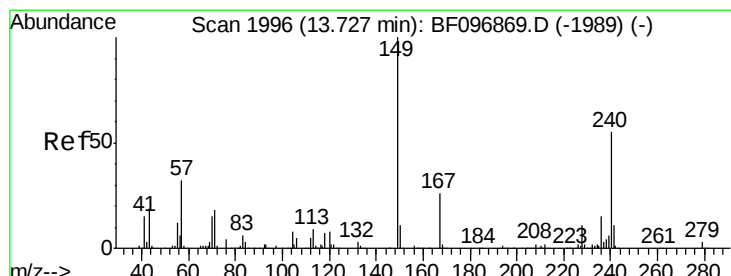
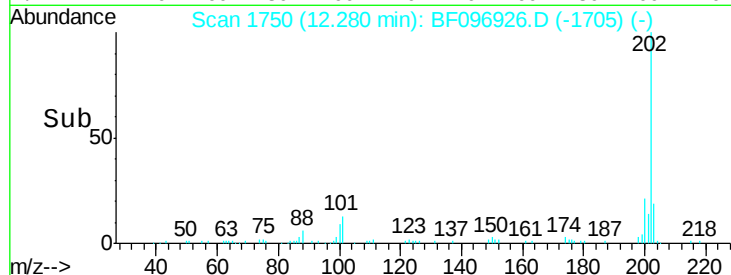
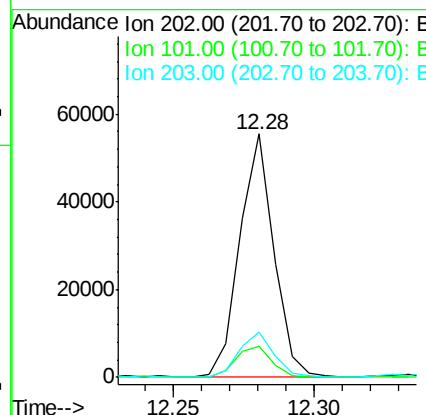
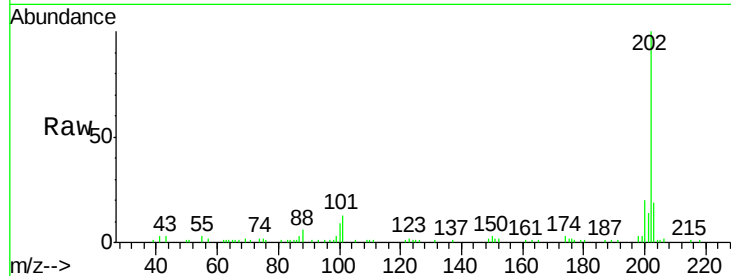




#74
Fluoranthene
Concen: 2.88 ng
RT: 12.28 min Scan# 1750
Delta R.T. -0.04 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

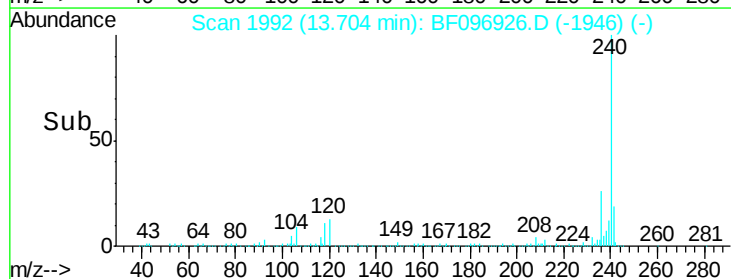
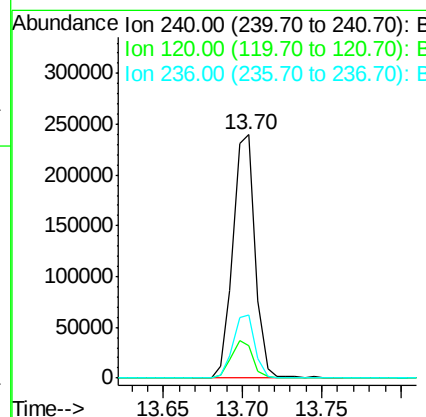
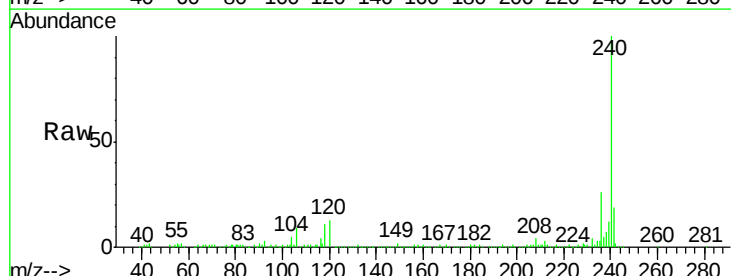
Instrument :
BNA_F
ClientSampleId :
B-2(0-6)COMP

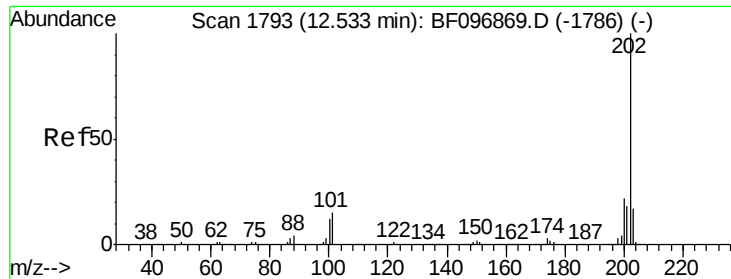
Tgt Ion: 202 Resp: 46655
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.2
203 18.6 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1992
Delta R.T. -0.03 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Tgt Ion: 240 Resp: 233862
Ion Ratio Lower Upper
240 100
120 13.1 5.8 8.8#
236 25.7 20.5 30.7

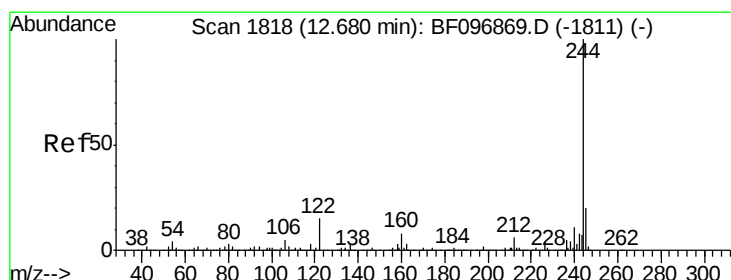
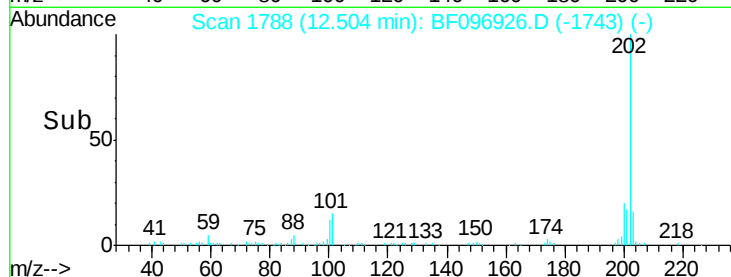
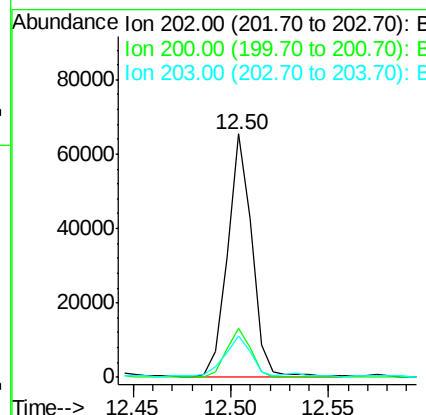
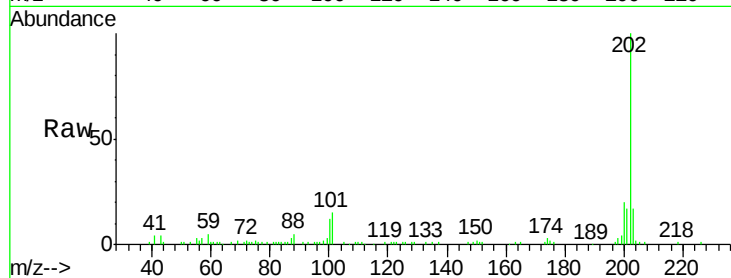




#77
 Pyrene
 Concen: 2.69 ng
 RT: 12.50 min Scan# 1788
 Delta R.T. -0.04 min
 Lab File: BF096926.D
 Acq: 21 Jul 2017 00:48

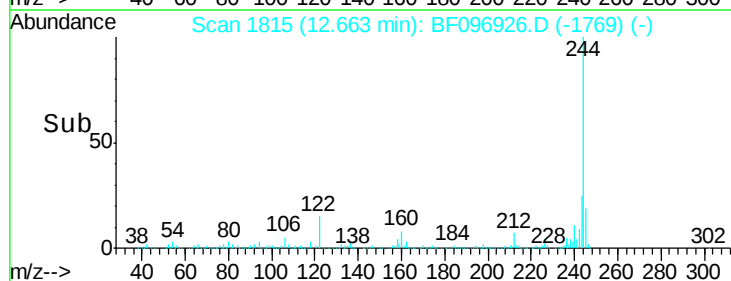
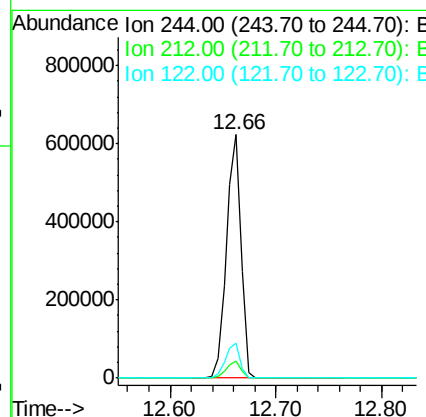
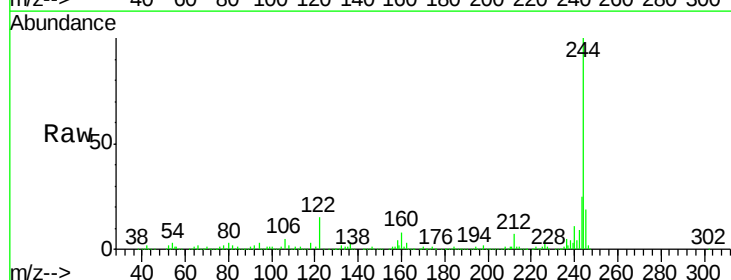
Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-6)COMP

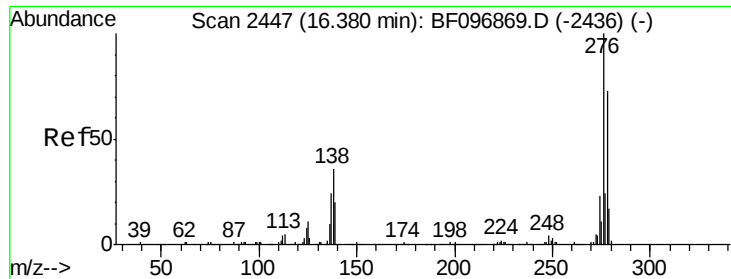
Tgt Ion: 202 Resp: 57064
 Ion Ratio Lower Upper
 202 100
 200 20.2 17.6 26.4
 203 17.0 14.4 21.6



#78
 Terphenyl-d14
 Concen: 44.75 ng
 RT: 12.66 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF096926.D
 Acq: 21 Jul 2017 00:48

Tgt Ion: 244 Resp: 603392
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.5 10.3 15.5

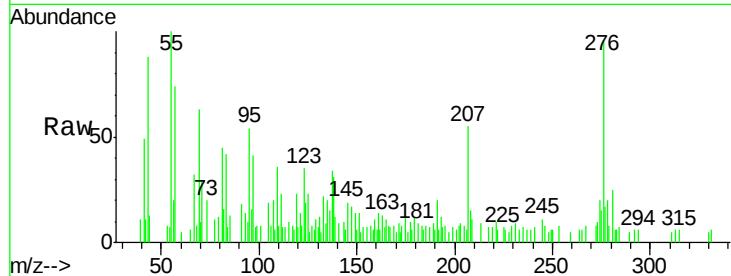




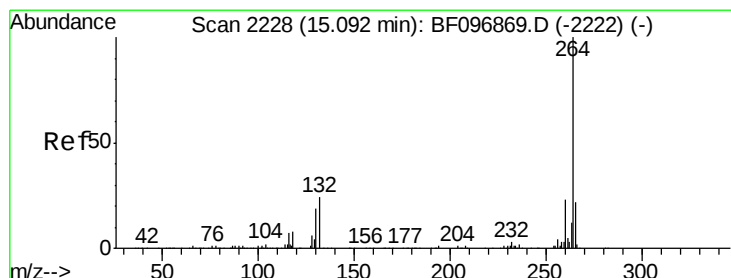
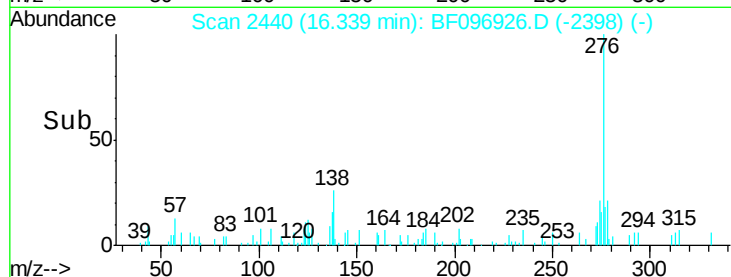
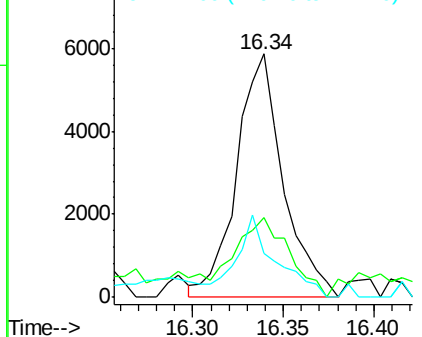
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.09 ng
 RT: 16.34 min Scan# 2440
 Delta R.T. -0.05 min
 Lab File: BF096926.D
 Acq: 21 Jul 2017 00:48

Instrument :
 BNA_F
 ClientSampleId :
 B-2(0-6)COMP

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.6	27.8	41.6
277	28.1	20.2	30.4

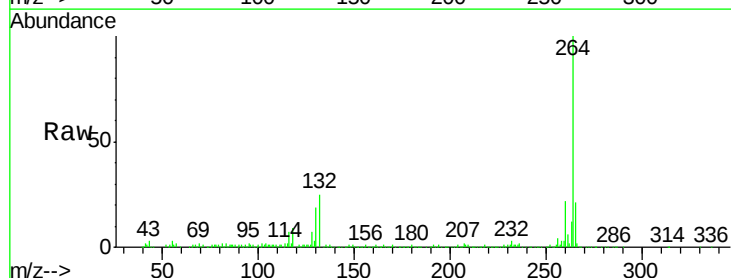


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

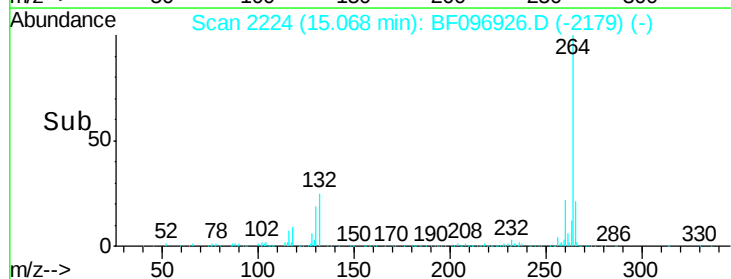
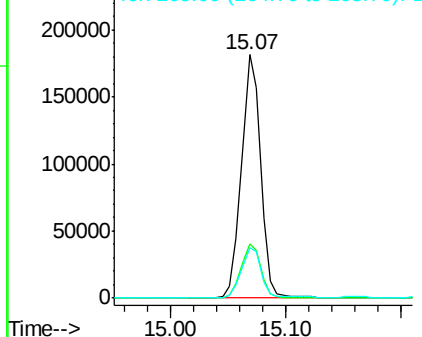


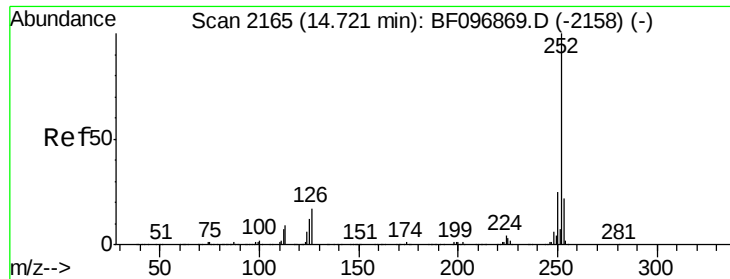
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF096926.D
 Acq: 21 Jul 2017 00:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	20.9	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

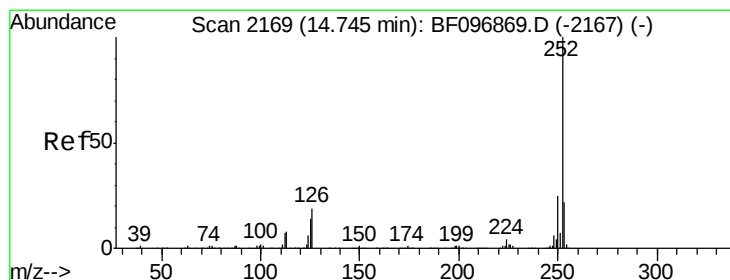
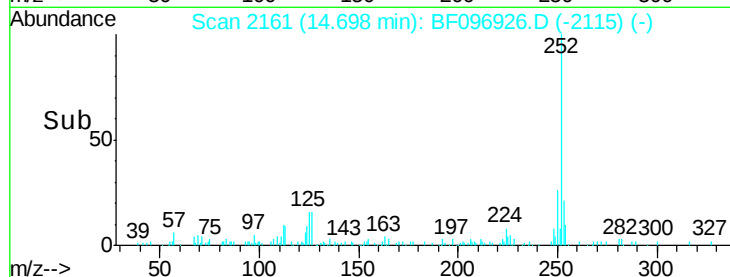
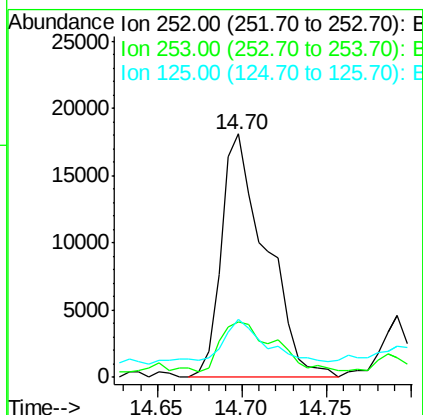
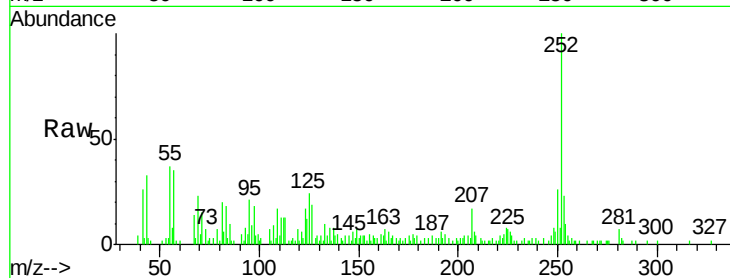




#87
Benzo(b)fluoranthene
Concen: 2.60 ng
RT: 14.70 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Instrument :
BNA_F
ClientSampleId :
B-2(0-6)COMP

Tgt Ion:252 Resp: 33037
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 23.9 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 2.75 ng
RT: 14.70 min Scan# 2161
Delta R.T. -0.06 min
Lab File: BF096926.D
Acq: 21 Jul 2017 00:48

Tgt Ion:252 Resp: 33037
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 23.9 13.1 19.7#

