

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
 Data File : BF089064.D
 Acq On : 16 Jul 2016 19:43
 Operator : UM/SJ
 Sample : H3951-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 01:16:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	58002	20.00	ng	-0.05
21) Naphthalene-d8	7.95	136	249346	20.00	ng	-0.05
38) Acenaphthene-d10	9.70	164	98177	20.00	ng	-0.05
63) Phenanthrene-d10	11.19	188	149510	20.00	ng	-0.03
75) Chrysene-d12	13.82	240	106302	20.00	ng	-0.03
86) Perylene-d12	15.19	264	85895	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	424504	109.69	ng	-0.02
7) Phenol-d6	6.33	99	588069	117.60	ng	-0.02
23) Nitrobenzene-d5	7.23	82	315515	66.31	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	79149	86.82	ng	-0.05
44) 2-Fluorobiphenyl	9.04	172	620158	99.78	ng	-0.03
78) Terphenyl-d14	12.78	244	308131	64.56	ng	-0.02

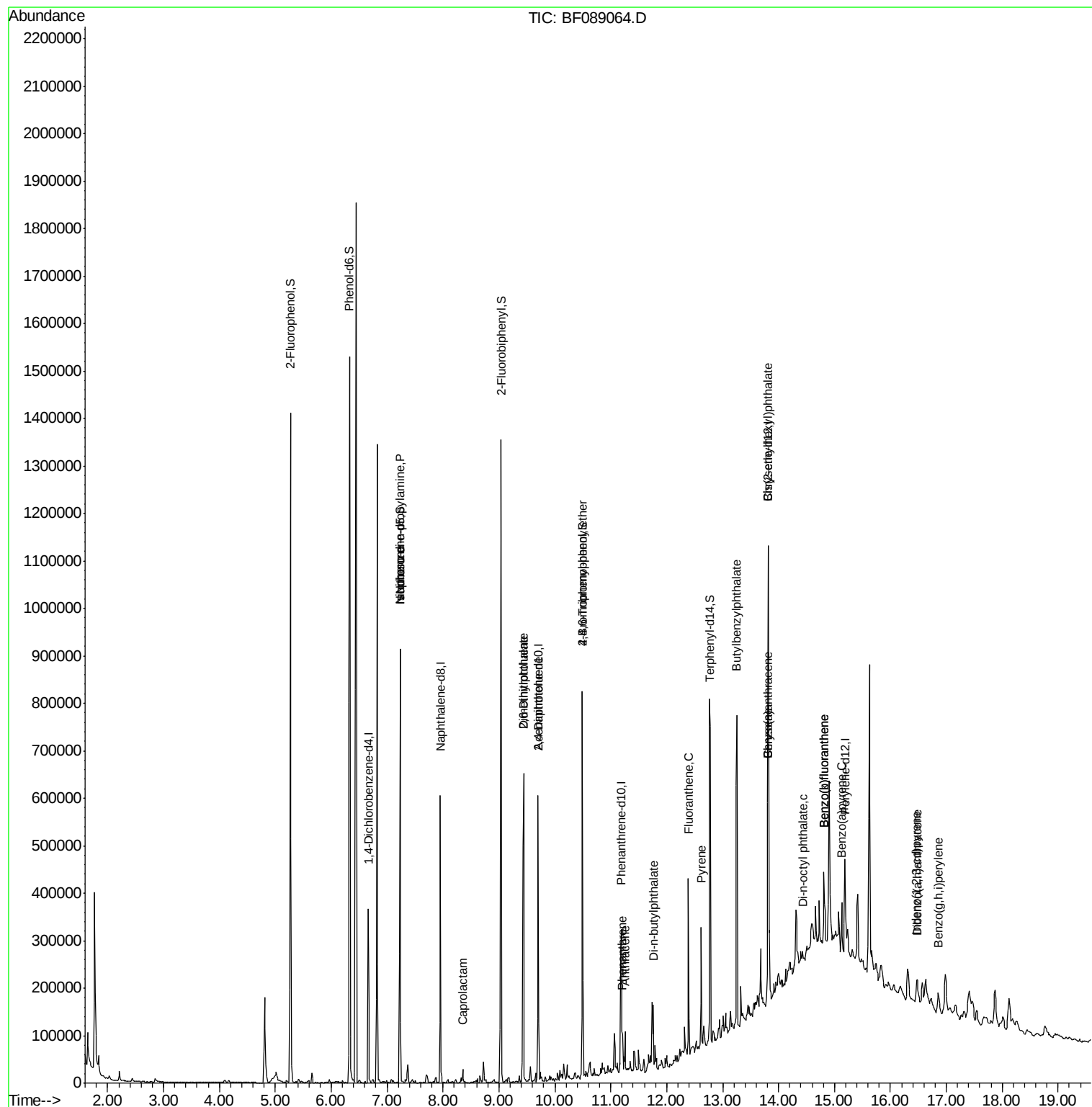
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	43558	12.97	ng	# 75
25) Isophorone	7.23	82	248837	28.23	ng	# 65
35) Caprolactam	8.35	113	2498	2.22	ng	96
49) Dimethylphthalate	9.44	163	374914	53.60	ng	98
50) 2,6-Dinitrotoluene	9.44	165	4125	2.66	ng	# 36
56) 2,4-Dinitrotoluene	9.70	165	12950	6.39	ng	# 39
66) 4-Bromophenyl-phenylether	10.49	248	6043	4.01	ng	# 1
70) Phenanthrene	11.21	178	42428	5.19	ng	98
71) Anthracene	11.26	178	17215	2.12	ng	98
73) Di-n-butylphthalate	11.76	149	55116	6.20	ng	98
74) Fluoranthene	12.39	202	90465	10.92	ng	99
77) Pyrene	12.62	202	97351	10.80	ng	98
79) Butylbenzylphthalate	13.26	149	213002	52.98	ng	99
80) Benzo(a)anthracene	13.81	228	65317	9.54	ng	93
82) Chrysene	13.81	228	65317	9.64	ng	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	181587	39.56	ng	97
84) Di-n-octyl phthalate	14.43	149	19319	2.48	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.47	276	24837	4.77	ng	# 100
87) Benzo(b)fluoranthene	14.81	252	86636	16.08	ng	# 91
88) Benzo(k)fluoranthene	14.81	252	86636	18.47	ng	# 96
89) Benzo(a)pyrene	15.13	252	40901	8.97	ng	96
90) Dibenzo(a,h)anthracene	16.48	278	8882	2.33	ng	# 72
91) Benzo(g,h,i)perylene	16.86	276	26598	6.75	ng	96

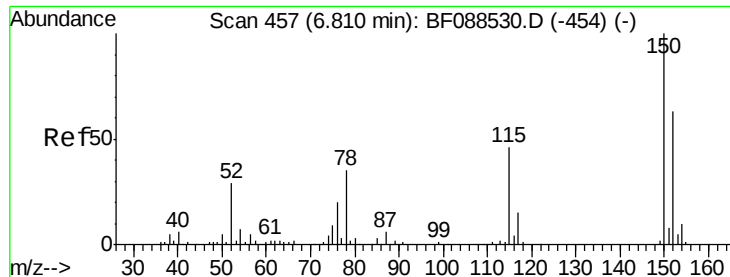
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.05 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

Instrument :

BNA_F

ClientSampleId :

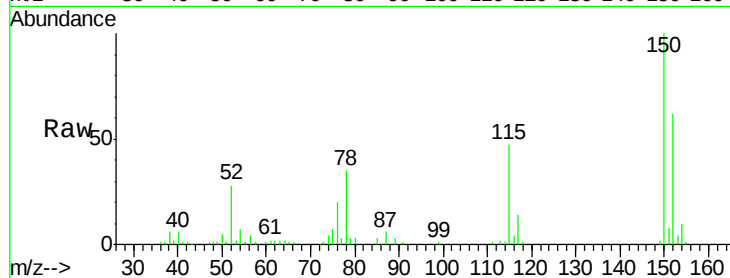
Tot Ion:152 Resp: 58002

Ion Ratio Lower Upper

152 100

150 161.8 123.8 185.6

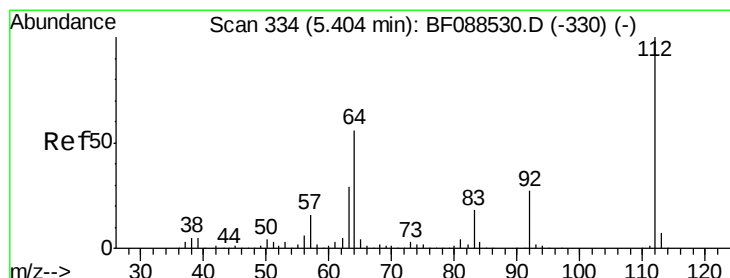
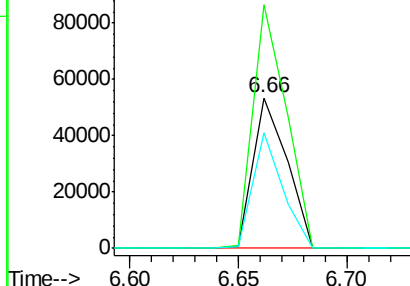
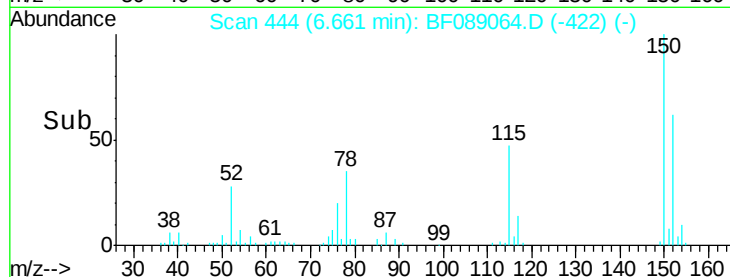
115 76.7 39.6 59.4#



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: 109.69 ng

RT: 5.27 min Scan# 322

Delta R.T. -0.02 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

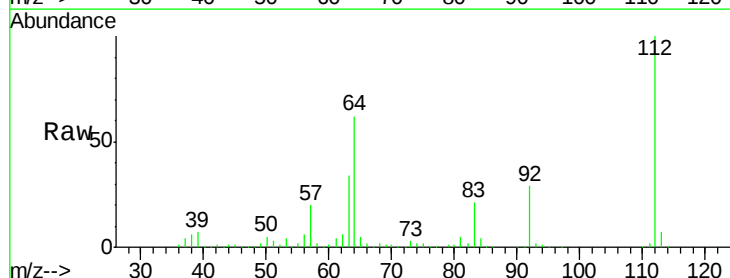
Tgt Ion:112 Resp: 424504

Ion Ratio Lower Upper

112 100

64 61.9 42.2 63.2

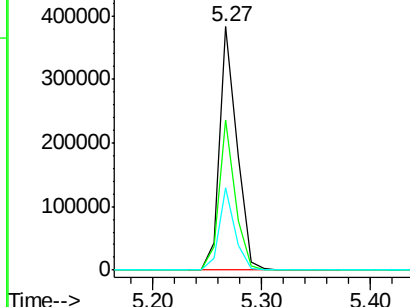
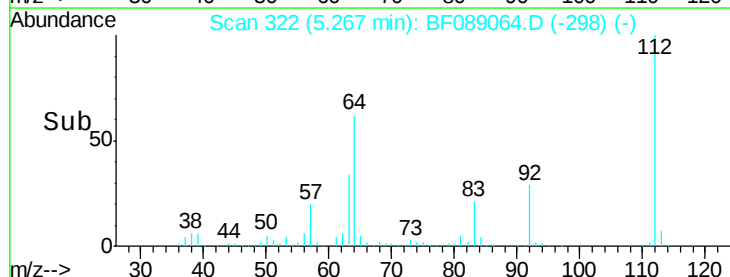
63 33.9 21.8 32.8#

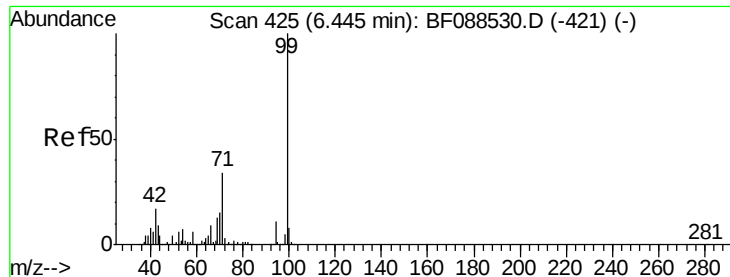


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.60 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

Instrument :

BNA_F

ClientSampleId :

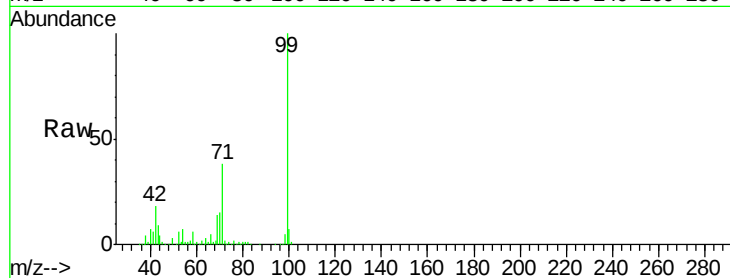
Tot Ion: 99 Resp: 588069

Ion Ratio Lower Upper

99 100

42 18.1 12.2 18.2

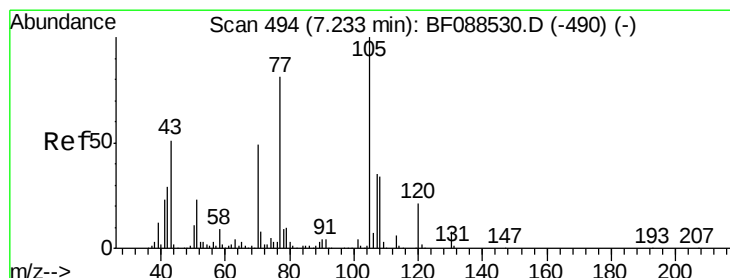
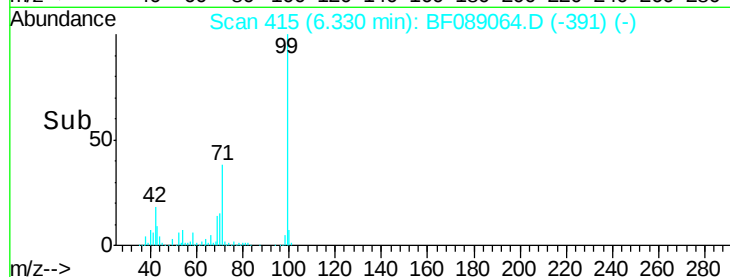
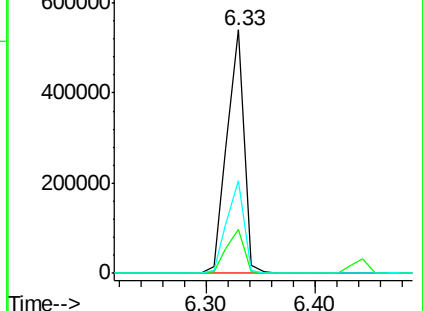
71 38.2 23.4 35.0#



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: 12.97 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.09 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

Tgt Ion: 70 Resp: 43558

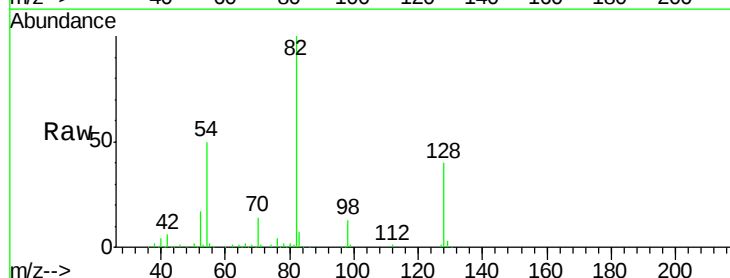
Ion Ratio Lower Upper

70 100

42 46.0 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

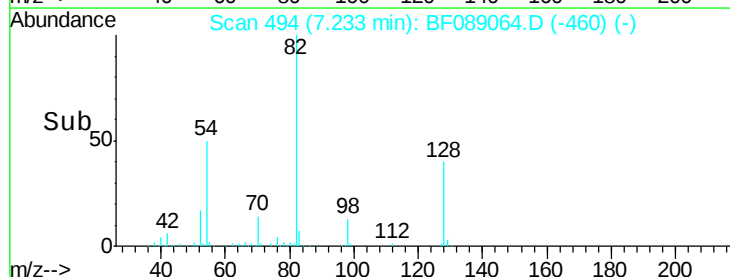
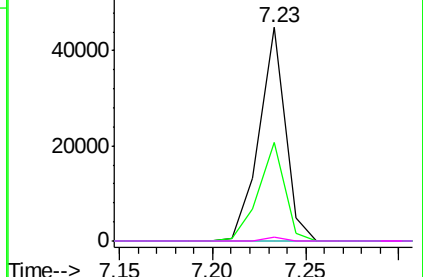


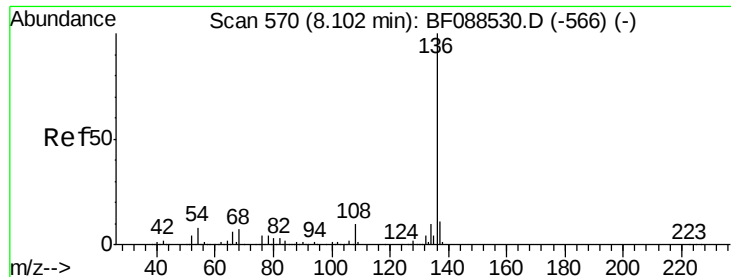
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.05 min

Lab File: BF089064.D

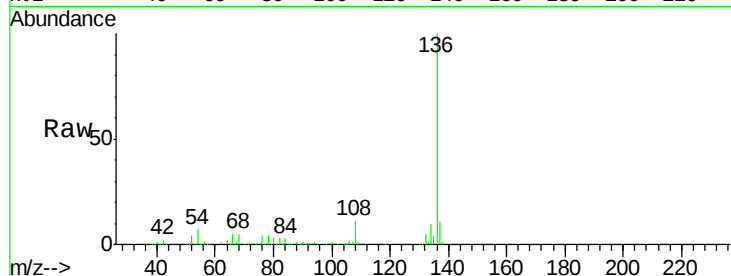
Acq: 16 Jul 2016 19:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	249346
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	6.6	6.6 10.0#
68	5.2	5.1 7.7

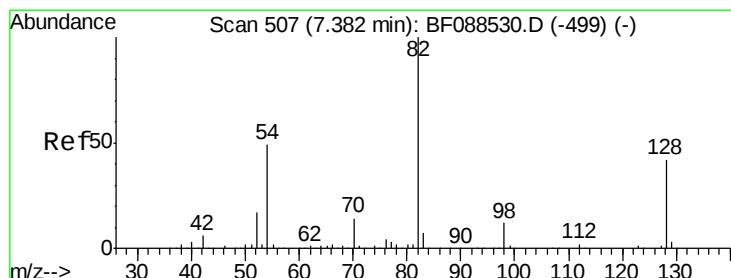
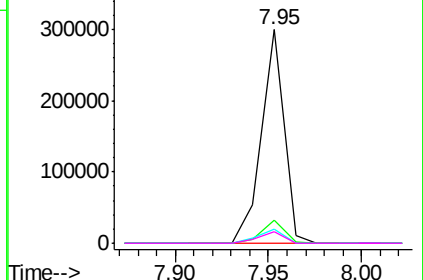
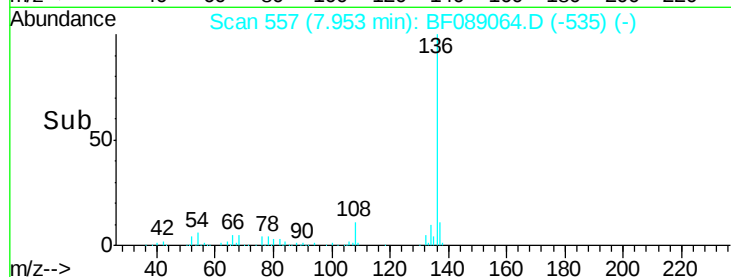


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 66.31 ng

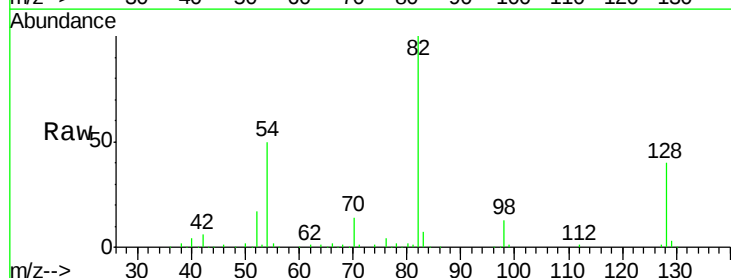
RT: 7.23 min Scan# 494

Delta R.T. -0.05 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

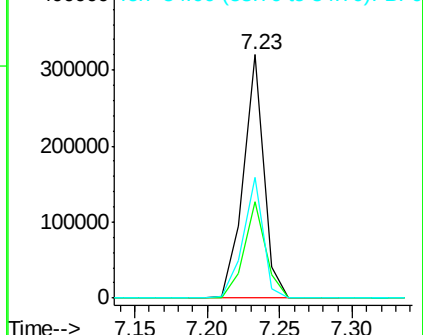
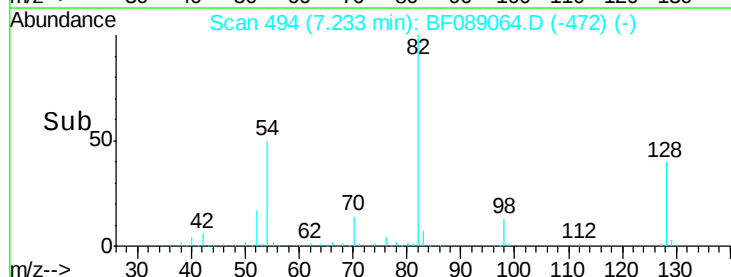
Tgt Ion: 82	Resp:	315515
Ion Ratio	Lower	Upper
82	100	
128	39.6	35.9 53.9
54	49.6	40.9 61.3

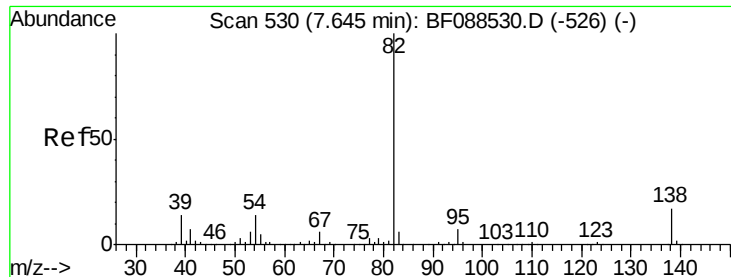


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 28.23 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.31 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

Instrument :

BNA_F

ClientSampleId :

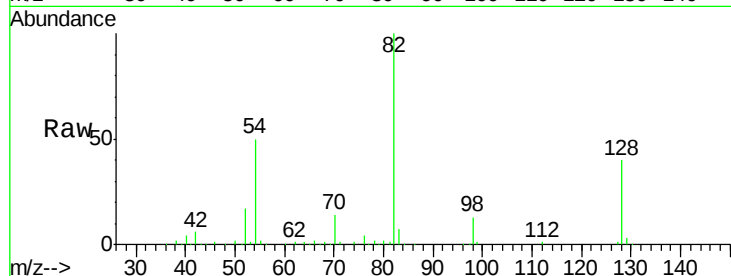
Tot Ion: 82 Resp: 248837

Ion Ratio Lower Upper

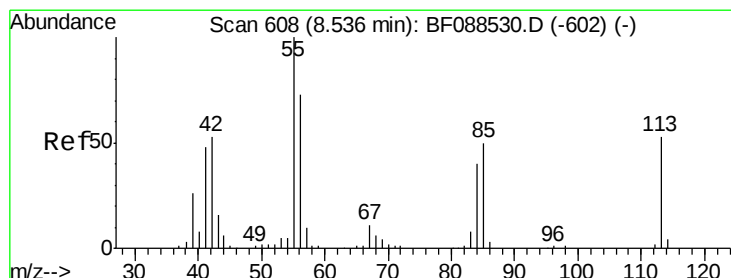
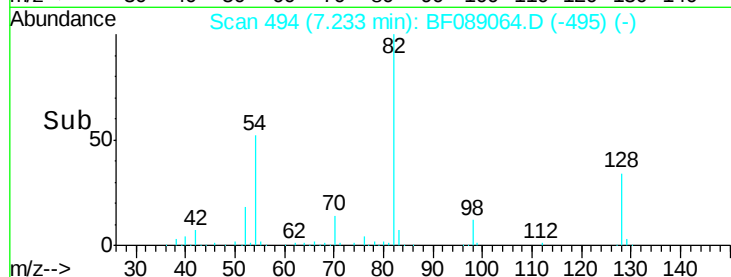
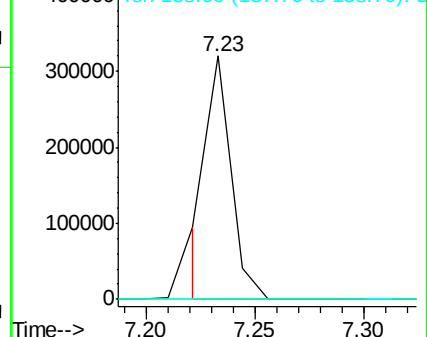
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#35

Caprolactam

Concen: 2.22 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.09 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

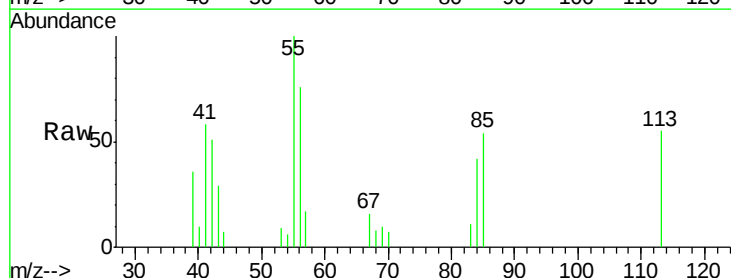
Tgt Ion: 113 Resp: 2498

Ion Ratio Lower Upper

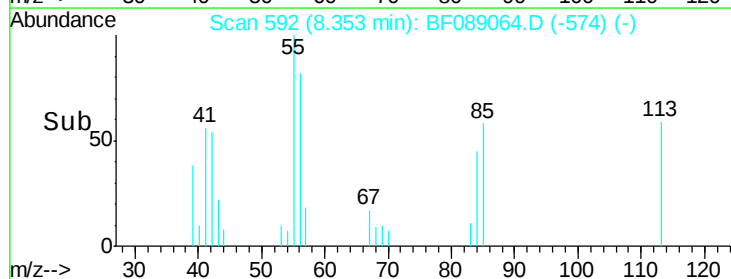
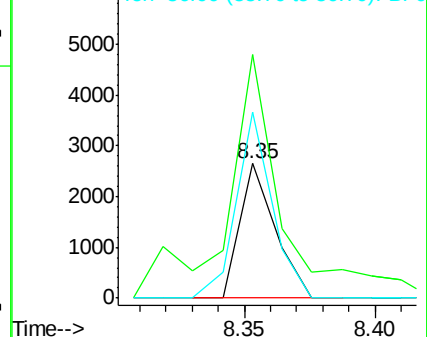
113 100

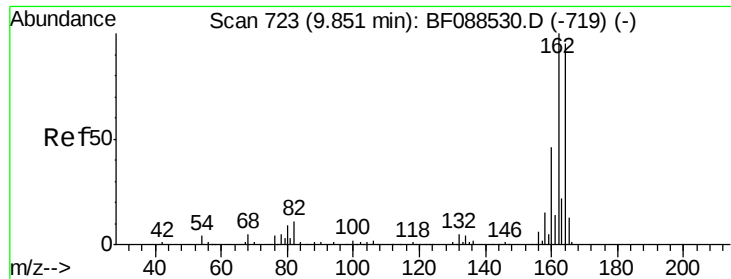
55 181.4 158.6 198.6

56 138.6 110.6 150.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

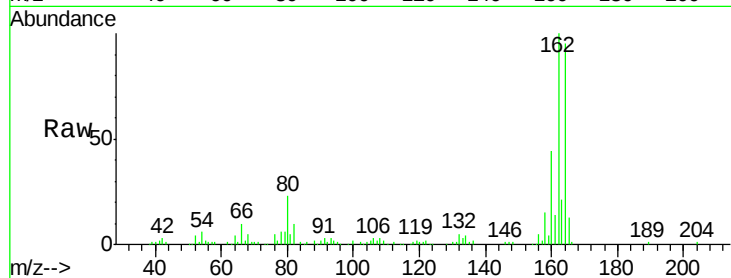




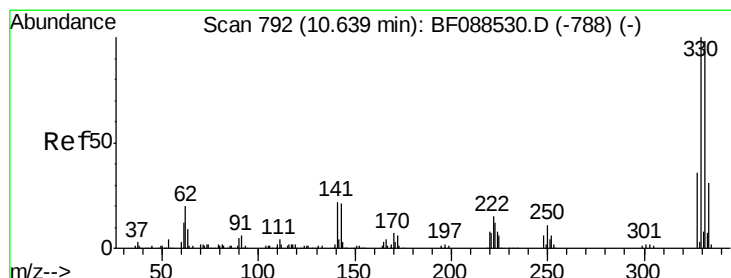
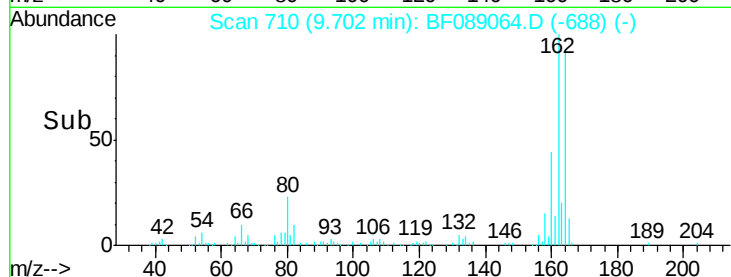
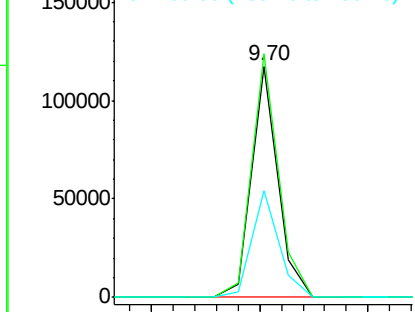
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.05 min
 Lab File: BF089064.D
 Acq: 16 Jul 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 98177
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.4 128.2
 160 46.3 39.5 59.3

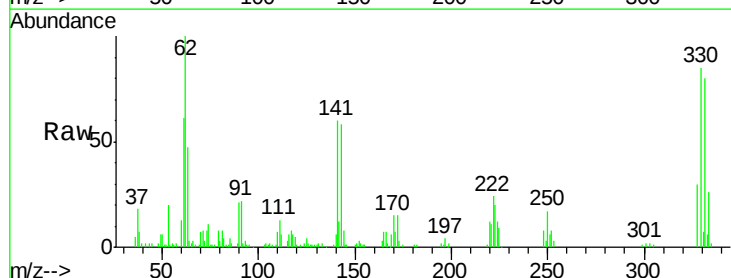


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

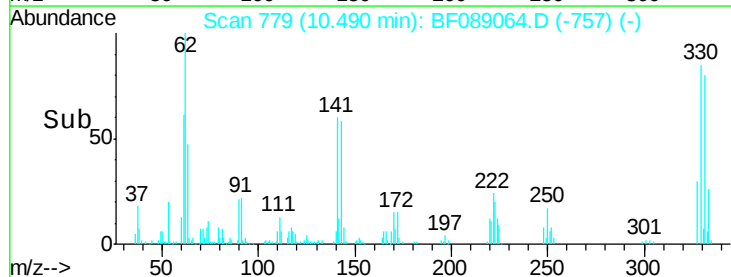
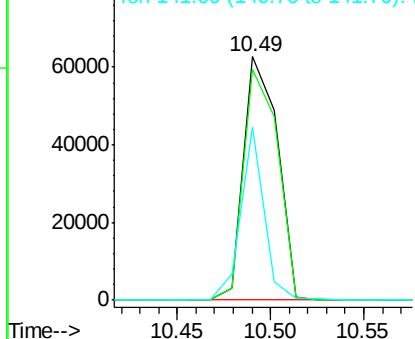


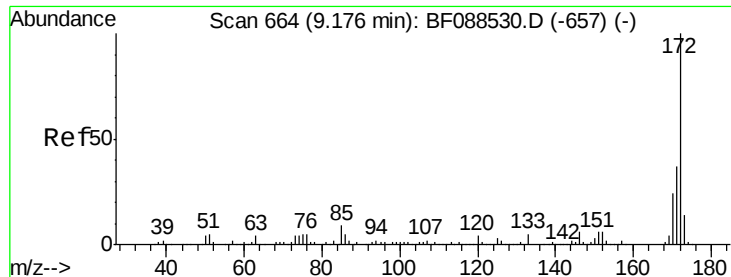
#41
 2,4,6-Tribromophenol
 Concen: 86.82 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.05 min
 Lab File: BF089064.D
 Acq: 16 Jul 2016 19:43

Tgt Ion:330 Resp: 79149
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 49.0 0.0 0.0#



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

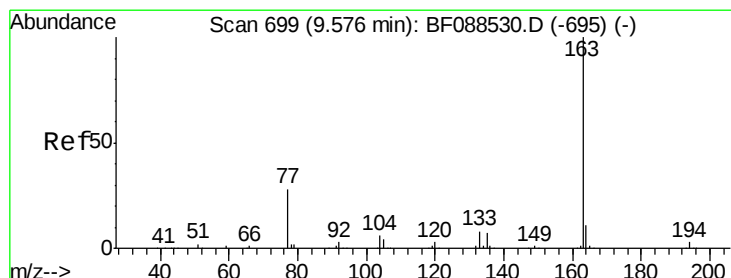
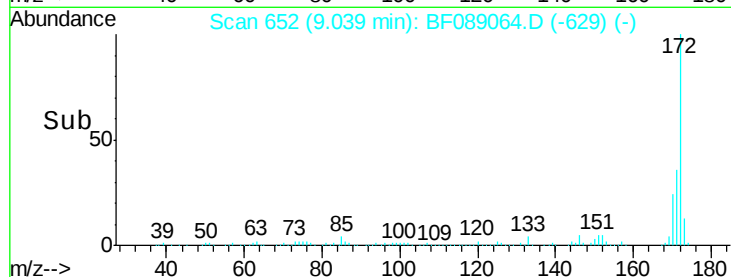
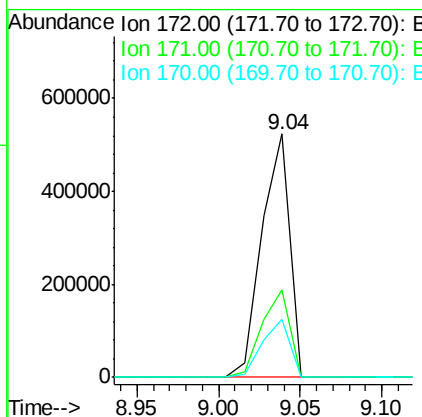
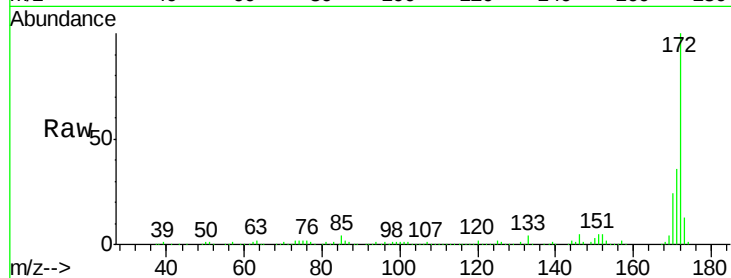




#44
2-Fluorobiphenyl
Concen: 99.78 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF089064.D
Acq: 16 Jul 2016 19:43

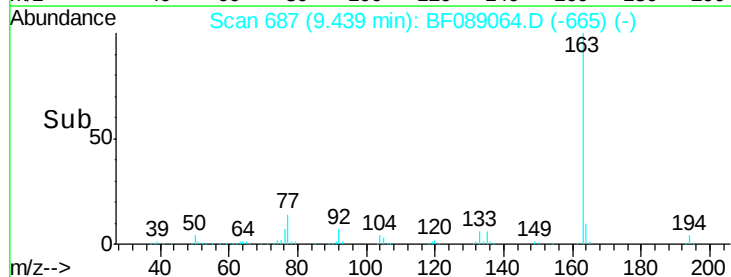
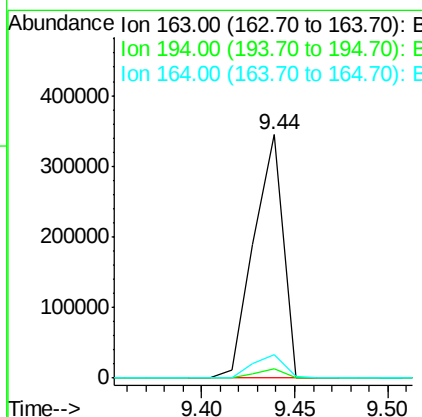
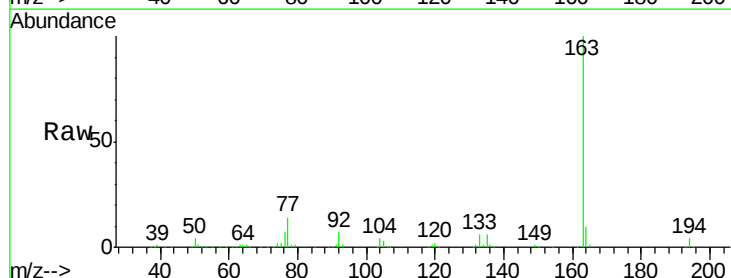
Instrument :
BNA_F
ClientSampleId :

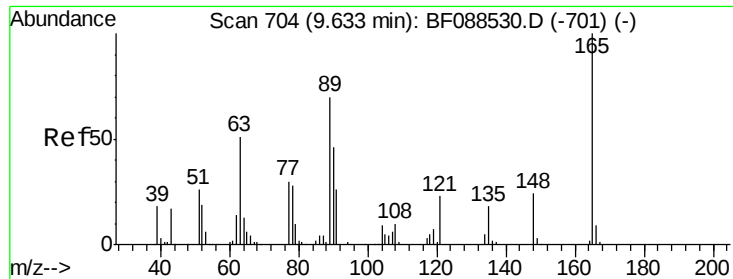
Tot Ion:172 Resp: 620158
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.6 19.2 28.8



#49
Dimethylphthalate
Concen: 53.60 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF089064.D
Acq: 16 Jul 2016 19:43

Tgt Ion:163 Resp: 374914
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.6 8.3 12.5

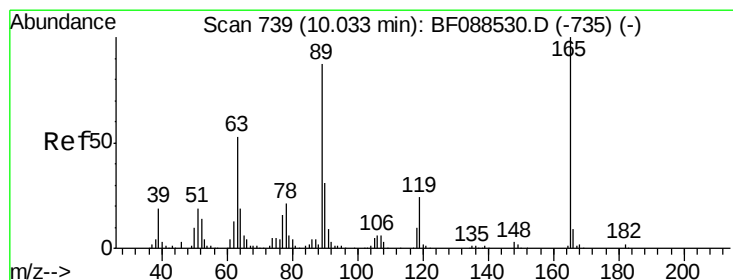
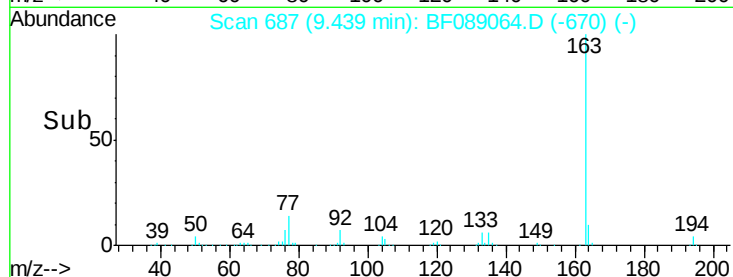
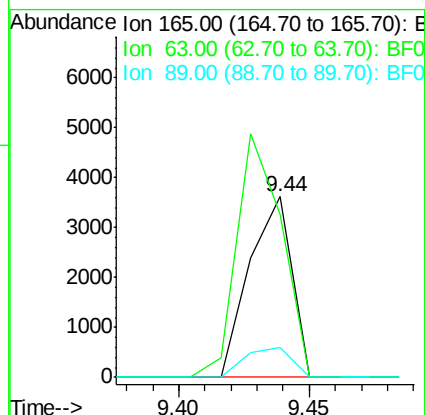
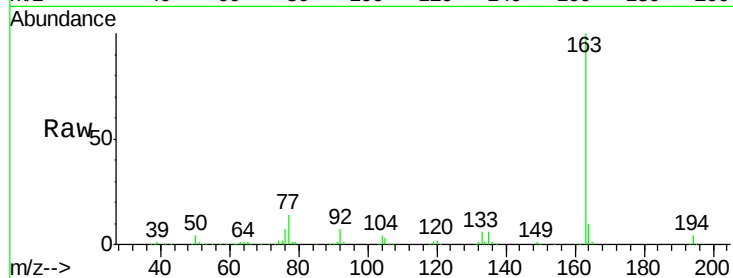




#50
2,6-Dinitrotoluene
Concen: 2.66 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.10 min
Lab File: BF089064.D
Acq: 16 Jul 2016 19:43

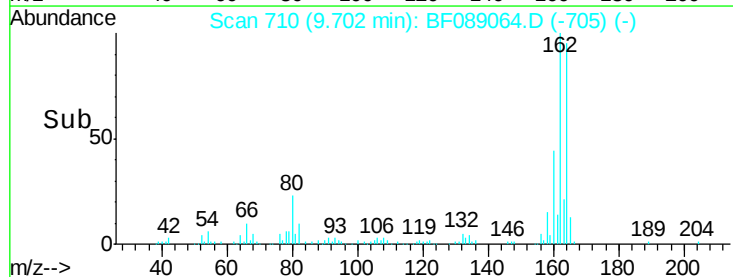
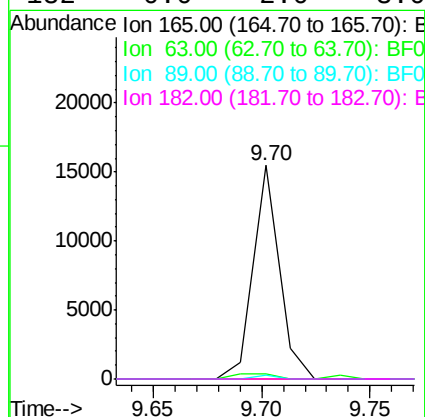
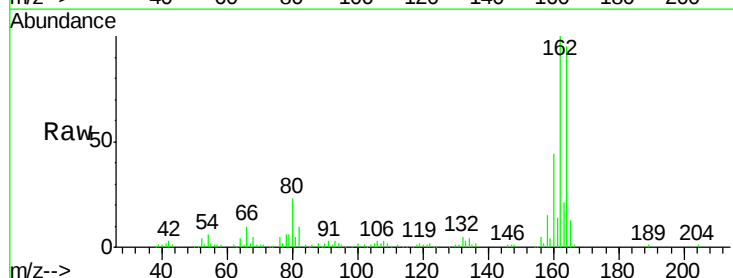
Instrument :
BNA_F
ClientSampleId :

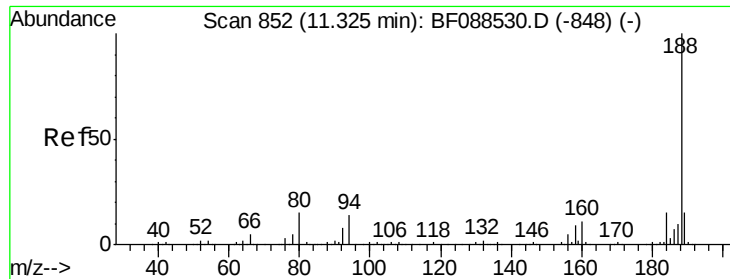
Tot Ion:165 Resp: 4125
Ion Ratio Lower Upper
165 100
63 90.0 28.1 42.1#
89 16.6 32.2 48.2#



#56
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.24 min
Lab File: BF089064.D
Acq: 16 Jul 2016 19:43

Tgt Ion:165 Resp: 12950
Ion Ratio Lower Upper
165 100
63 2.5 22.0 33.0#
89 2.1 41.1 61.7#
182 0.0 2.0 3.0#

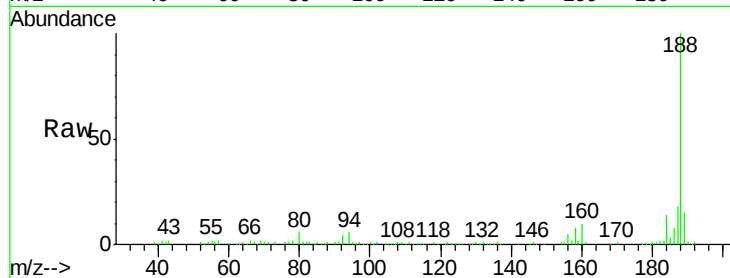




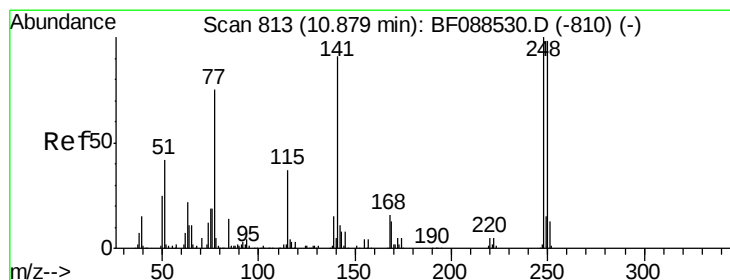
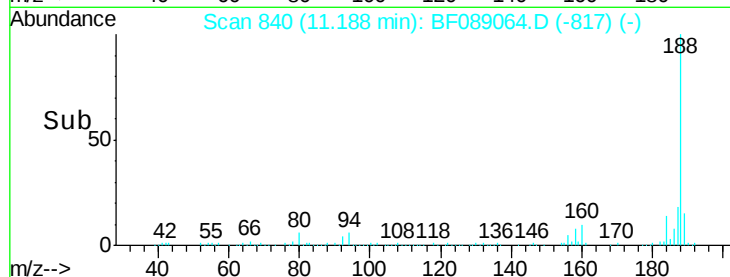
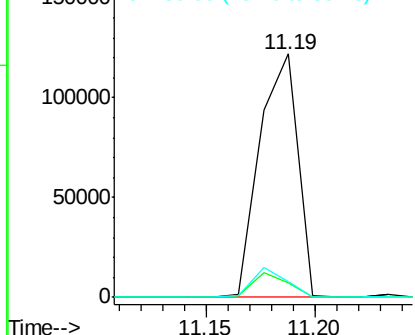
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF089064.D
Acq: 16 Jul 2016 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 149510
Ion Ratio Lower Upper
188 100
94 5.9 9.0 13.6#
80 6.4 10.0 15.0#

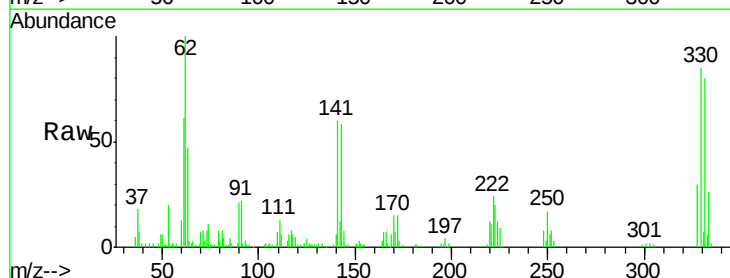


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

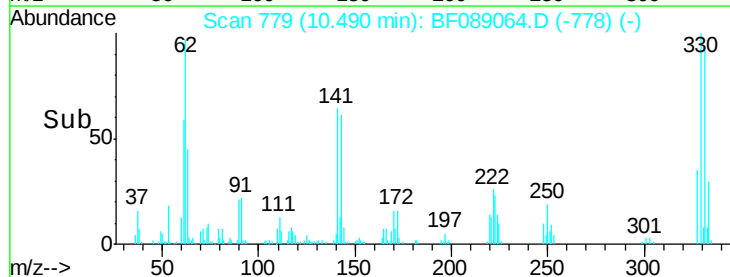
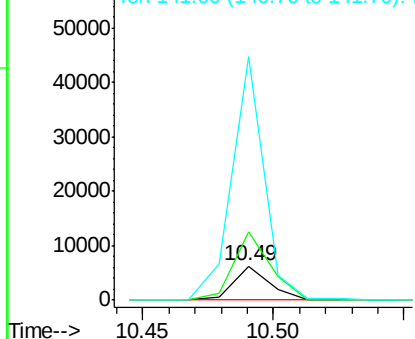


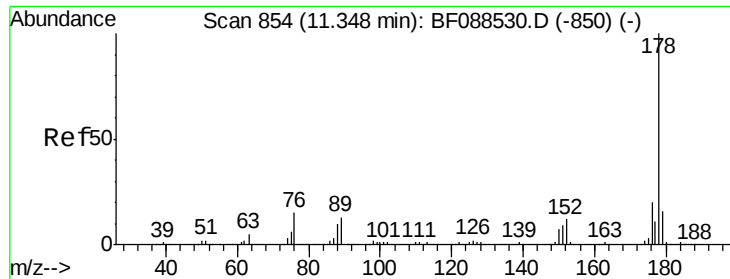
#66
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.29 min
Lab File: BF089064.D
Acq: 16 Jul 2016 19:43

Tgt Ion:248 Resp: 6043
Ion Ratio Lower Upper
248 100
250 199.6 77.1 115.7#
141 715.7 50.6 76.0#



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





#70

Phenanthrene

Concen: 5.19 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.03 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

Instrument :

BNA_F

ClientSampleId :

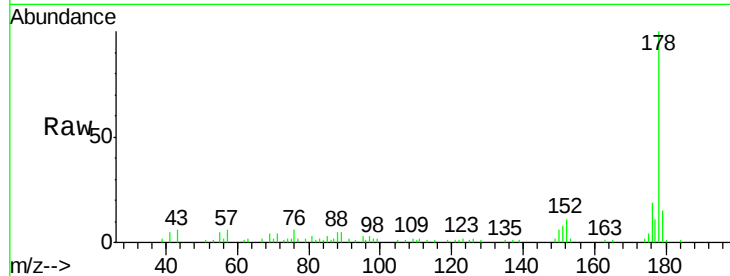
Tot Ion:178 Resp: 42428

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

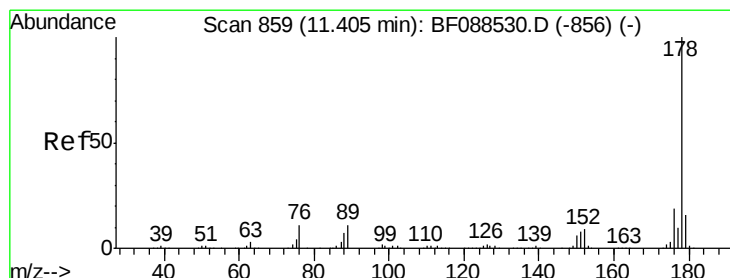
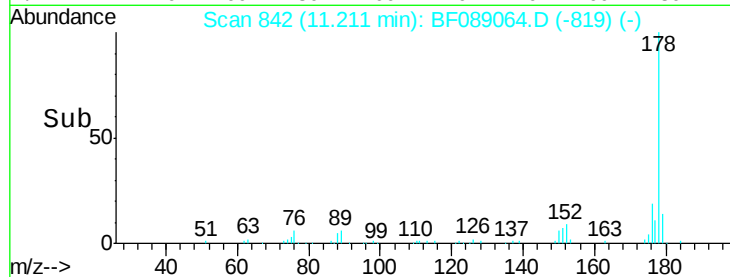
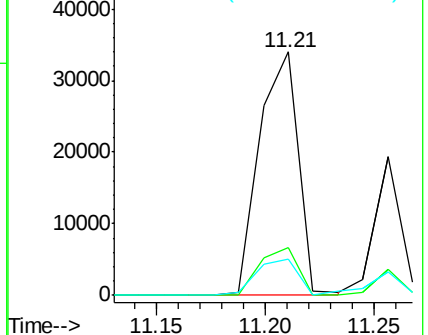
179 14.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.12 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.05 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

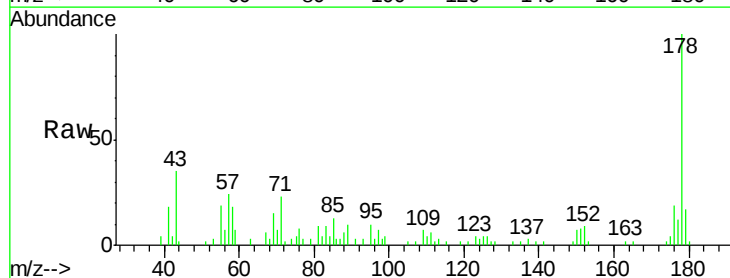
Tgt Ion:178 Resp: 17215

Ion Ratio Lower Upper

178 100

176 18.5 15.6 23.4

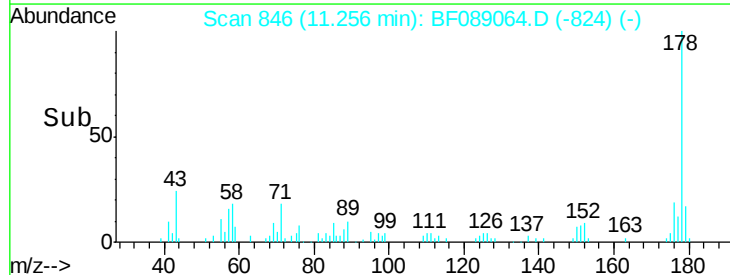
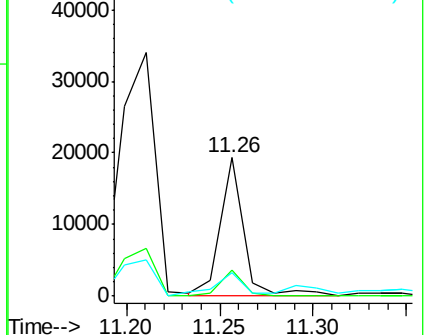
179 16.9 12.8 19.2

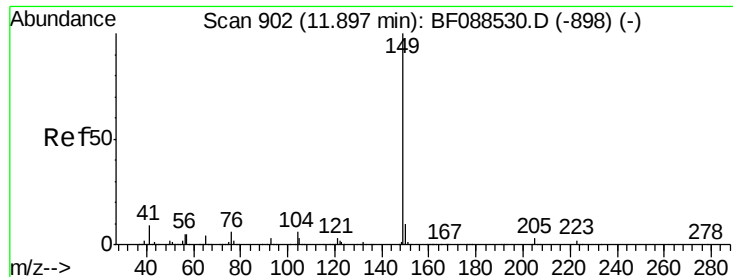


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 6.20 ng

RT: 11.76 min Scan# 890

Delta R.T. -0.03 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

Instrument :

BNA_F

ClientSampleId :

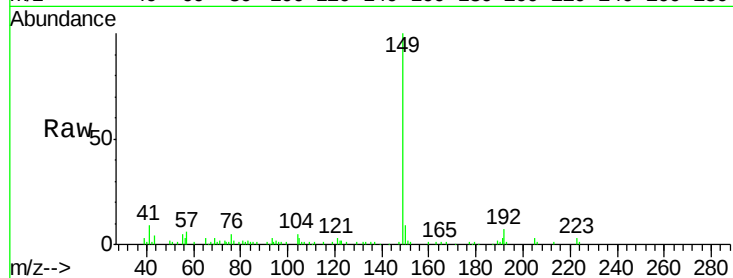
Tot Ion:149 Resp: 55116

Ion Ratio Lower Upper

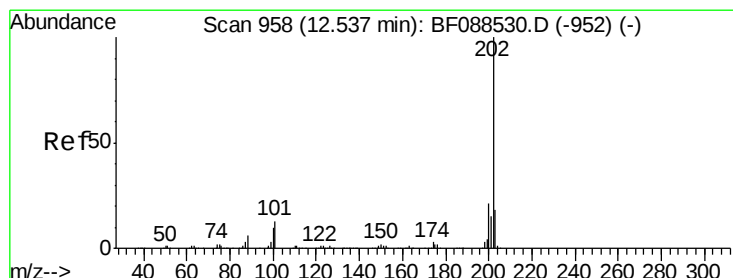
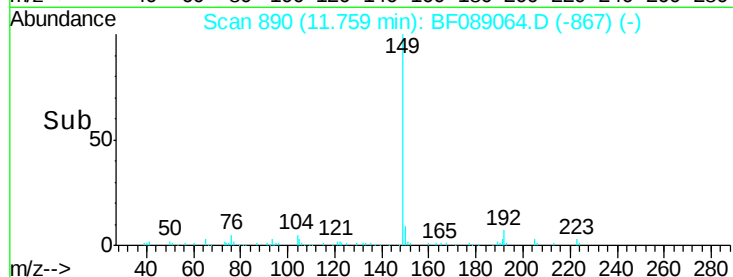
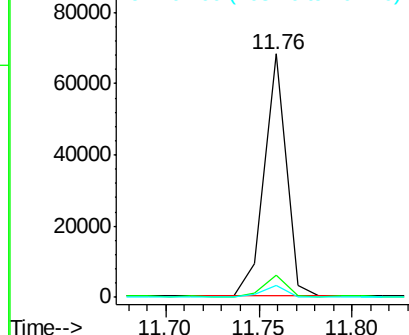
149 100

150 8.9 7.8 11.6

104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 10.92 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

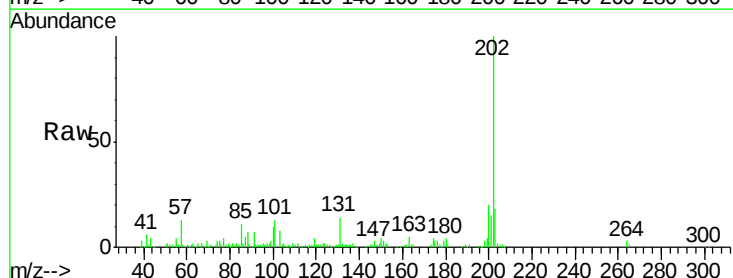
Tgt Ion:202 Resp: 90465

Ion Ratio Lower Upper

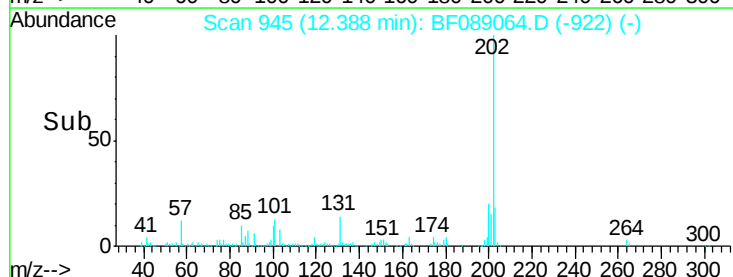
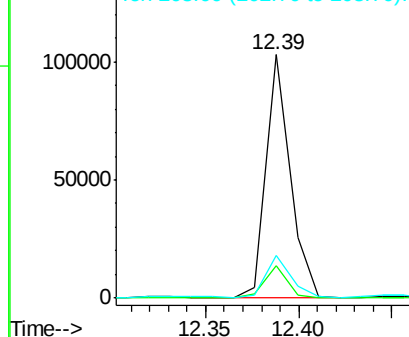
202 100

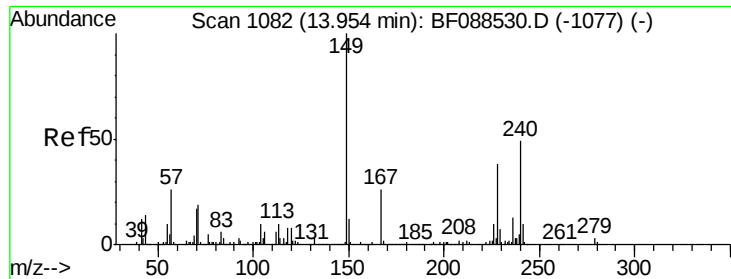
101 13.4 0.0 33.1

203 17.6 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: 20.00 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.03 min

Lab File: BF089064.D

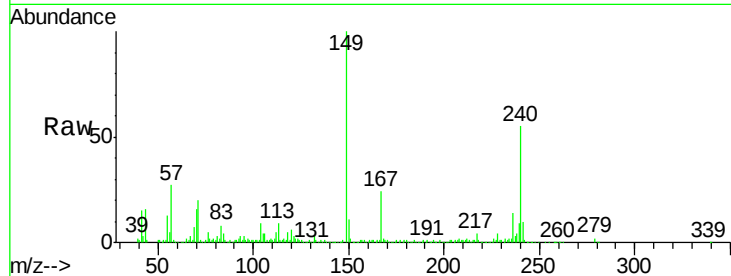
Acq: 16 Jul 2016 19:43

Instrument :

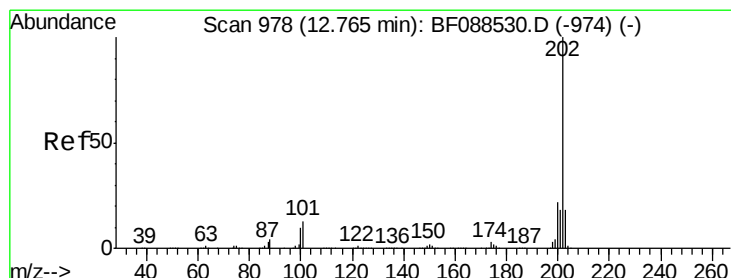
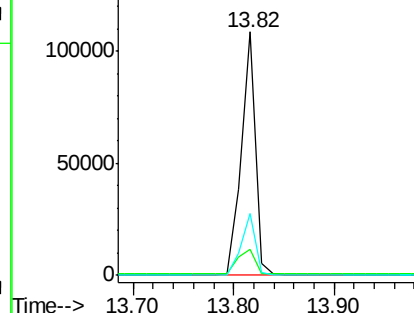
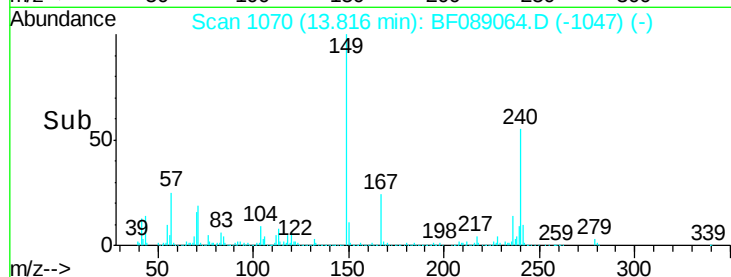
BNA_F

ClientSampled :

Tot Ion:240 Resp: 106302
 Ion Ratio Lower Upper
 240 100
 120 10.5 6.8 10.2#
 236 25.4 20.2 30.2



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



#77

Pyrene

Concen: 10.80 ng

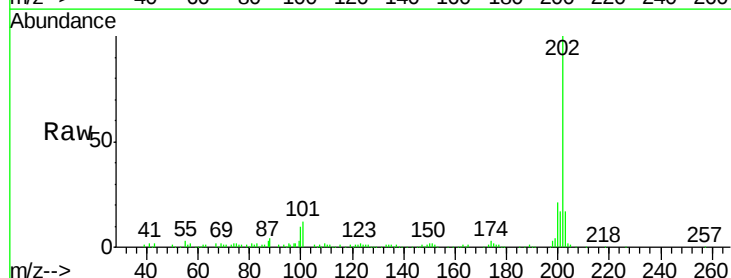
RT: 12.62 min Scan# 965

Delta R.T. -0.03 min

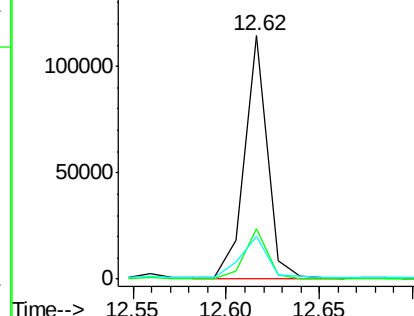
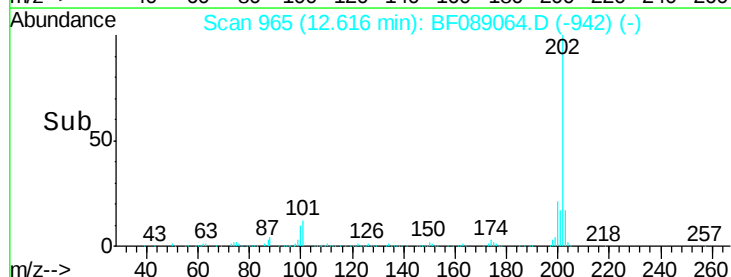
Lab File: BF089064.D

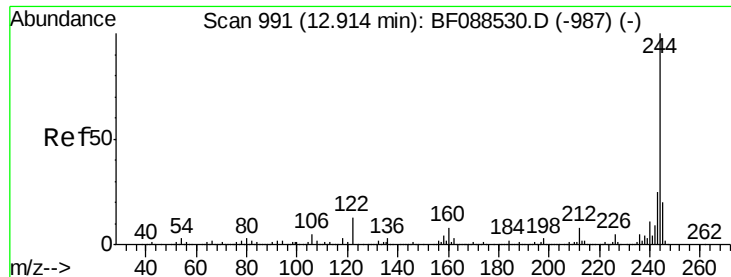
Acq: 16 Jul 2016 19:43

Tgt Ion:202 Resp: 97351
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.4 26.2
 203 17.4 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

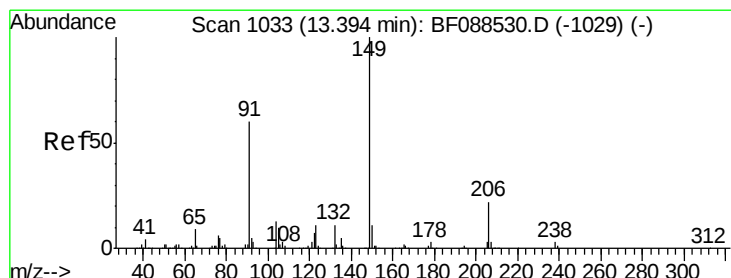
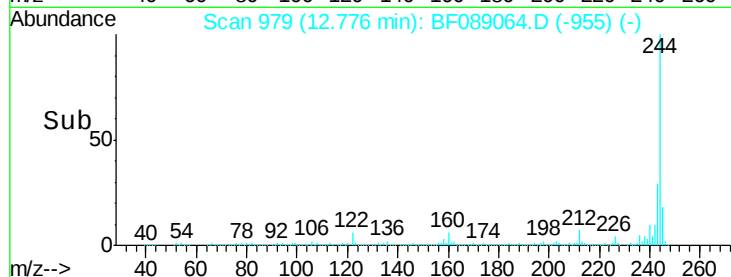
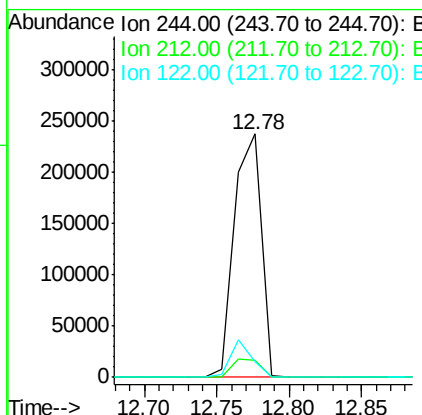
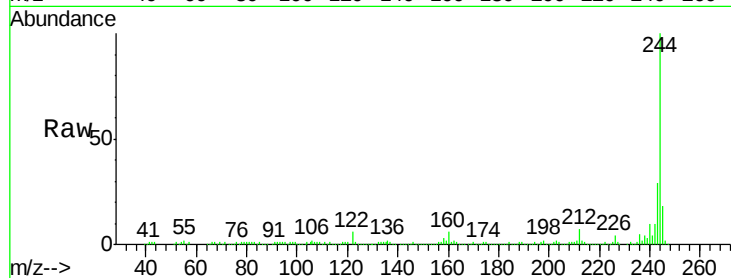




#78
 Terphenyl-d14
 Concen: 64.56 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF089064.D
 Acq: 16 Jul 2016 19:43

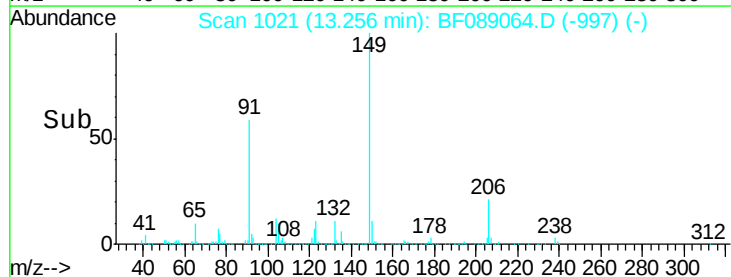
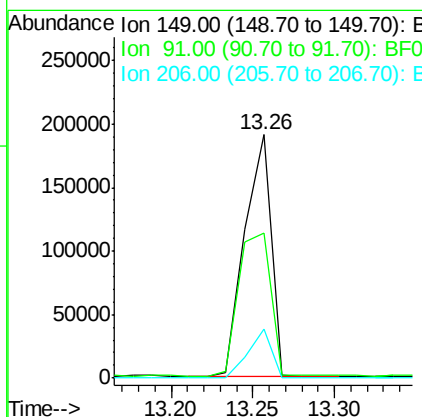
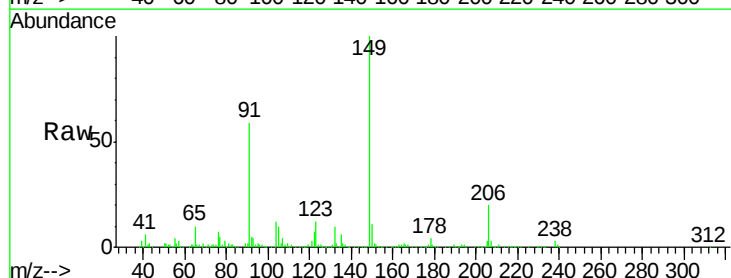
Instrument :
 BNA_F
 ClientSampleId :

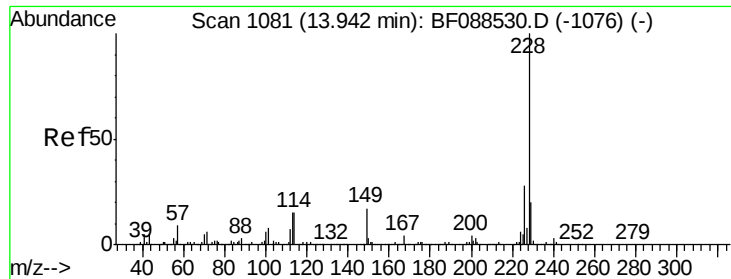
Tot Ion:244 Resp: 308131
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 6.2 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 52.98 ng
 RT: 13.26 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF089064.D
 Acq: 16 Jul 2016 19:43

Tgt Ion:149 Resp: 213002
 Ion Ratio Lower Upper
 149 100
 91 59.4 48.0 72.0
 206 20.4 16.0 24.0





#80

Benzo(a)anthracene

Concen: 9.54 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

Instrument :

BNA_F

ClientSampleId :

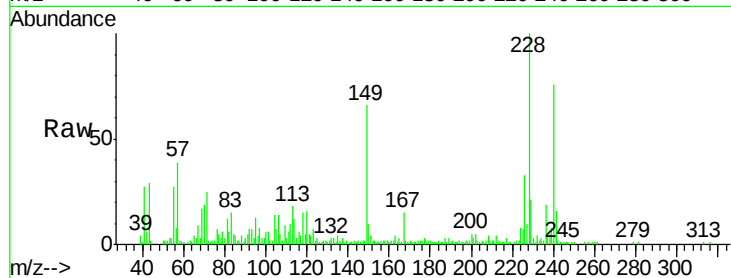
Tot Ion:228 Resp: 65317

Ion Ratio Lower Upper

228 100

226 33.5 22.3 33.5

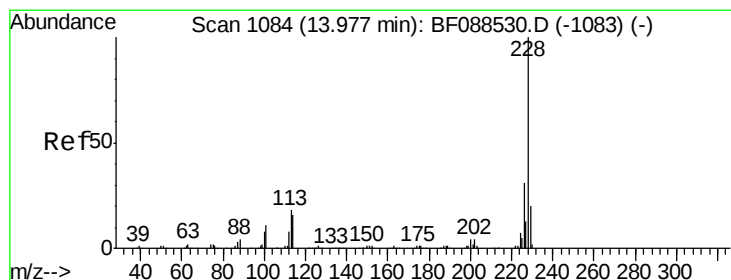
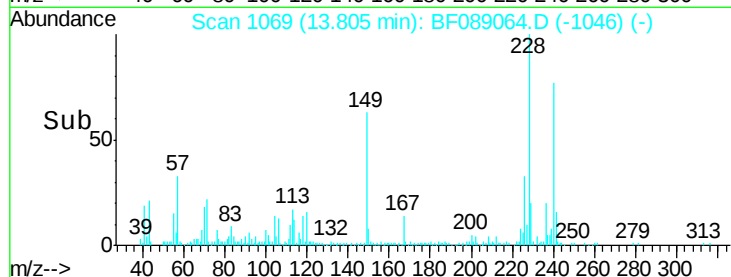
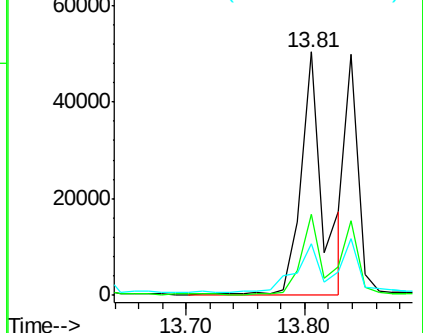
229 21.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 9.64 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.07 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

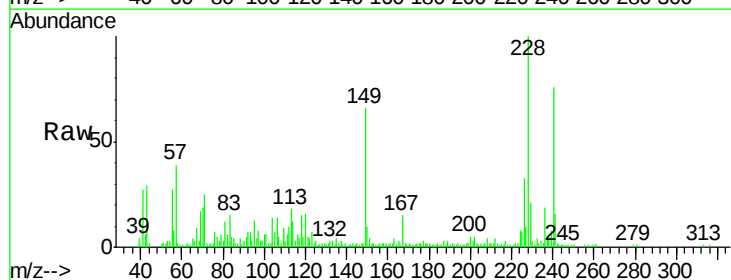
Tgt Ion:228 Resp: 65317

Ion Ratio Lower Upper

228 100

226 33.5 25.4 38.2

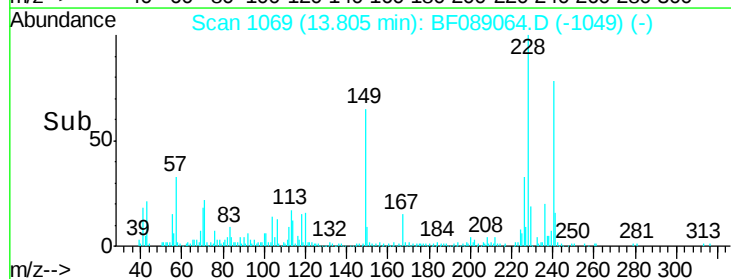
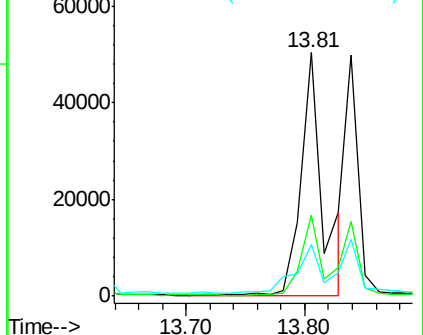
229 21.0 16.3 24.5

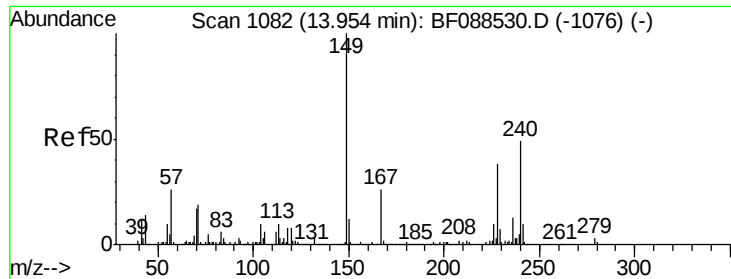


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

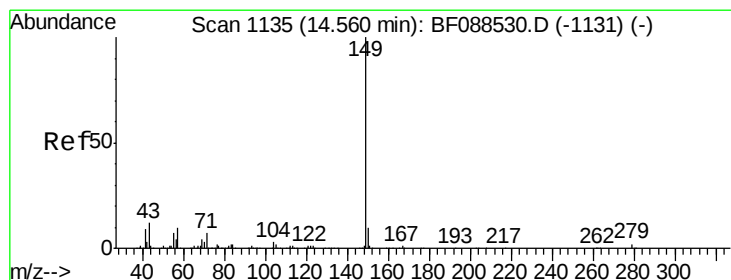
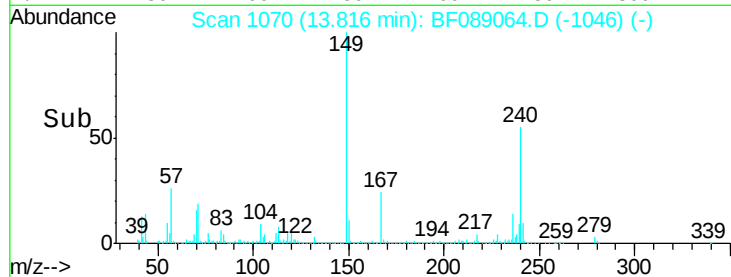
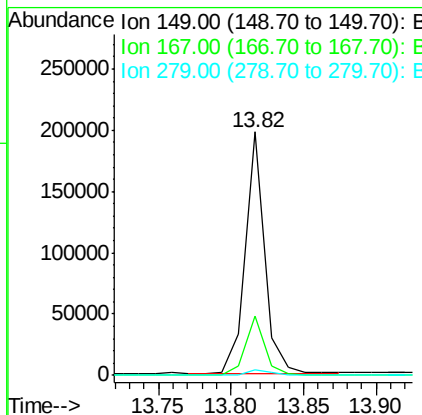
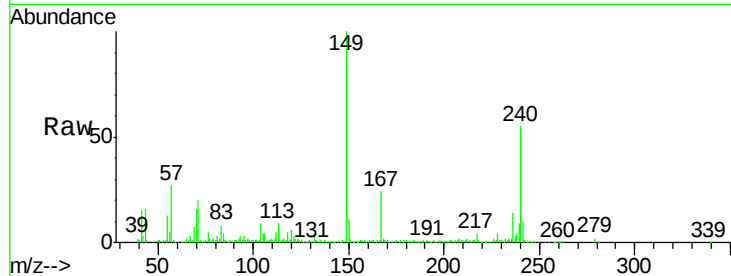




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.56 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.02 min
 Lab File: BF089064.D
 Acq: 16 Jul 2016 19:43

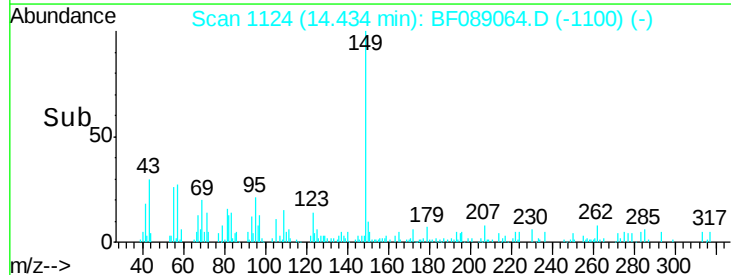
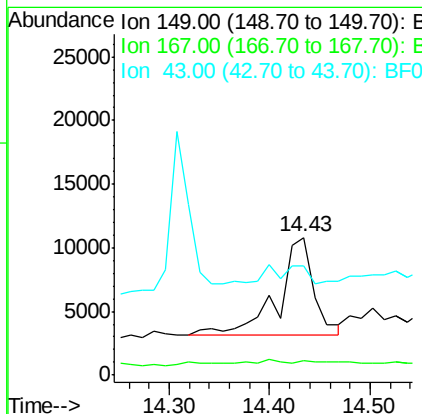
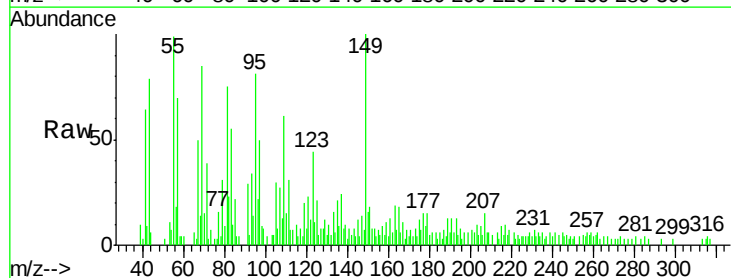
Instrument :
 BNA_F
 ClientSampleId :

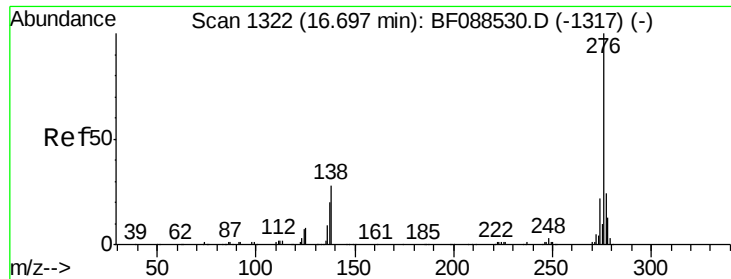
Tot Ion	Ratio	Lower	Upper
149	100		
167	24.1	20.5	30.7
279	2.5	2.0	3.0



#84
 Di-n-octyl phthalate
 Concen: 2.48 ng
 RT: 14.43 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BF089064.D
 Acq: 16 Jul 2016 19:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	4.9	0.0	0.0#
43	0.0	0.0	0.0

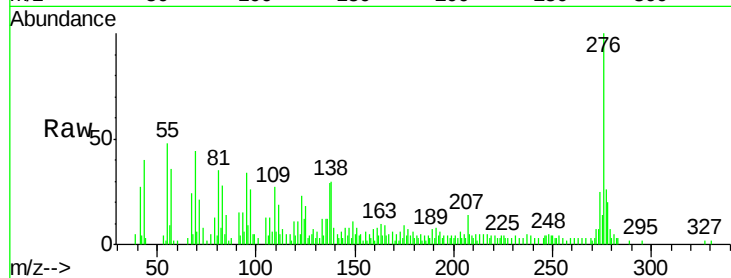




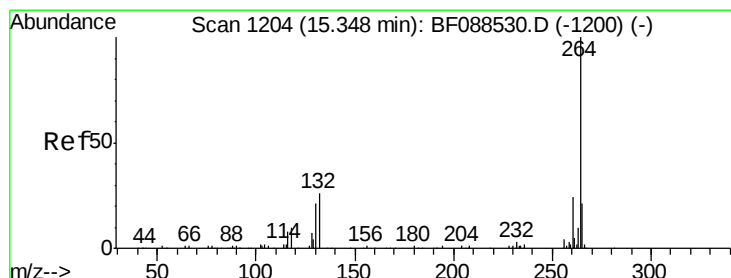
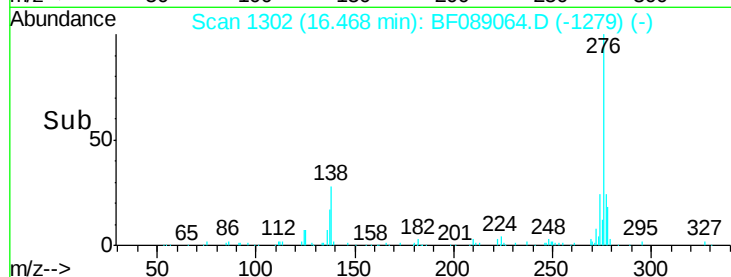
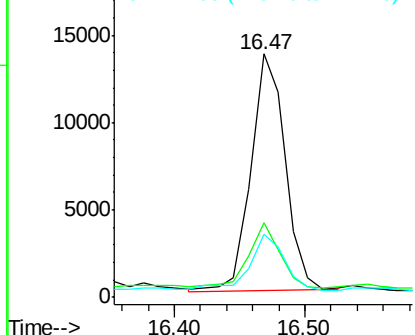
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.77 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF089064.D
Acq: 16 Jul 2016 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 24837
Ion Ratio Lower Upper
276 100
138 25.1 0.0 0.0#
277 24.0 0.0 0.0#

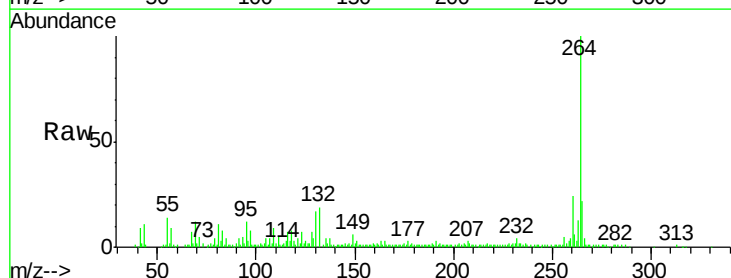


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

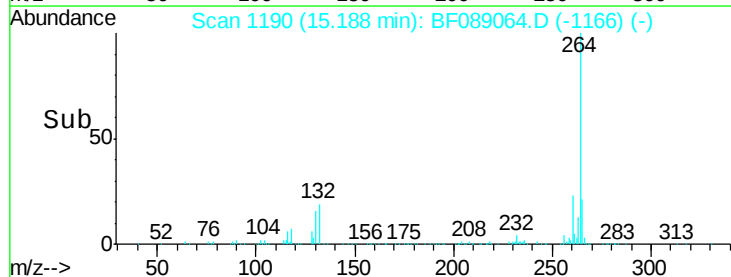
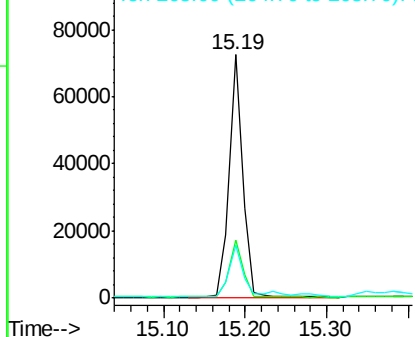


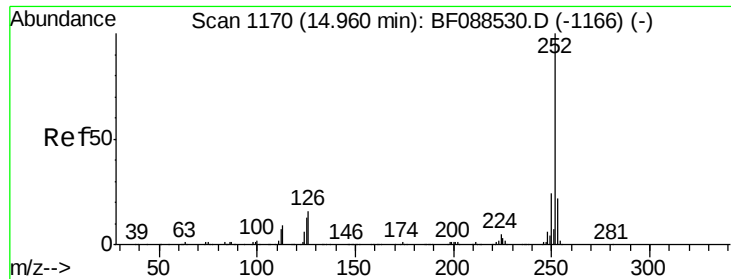
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF089064.D
Acq: 16 Jul 2016 19:43

Tgt Ion:264 Resp: 85895
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 22.0 16.9 25.3



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: 16.08 ng

RT: 14.81 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

Instrument :

BNA_F

ClientSampleId :

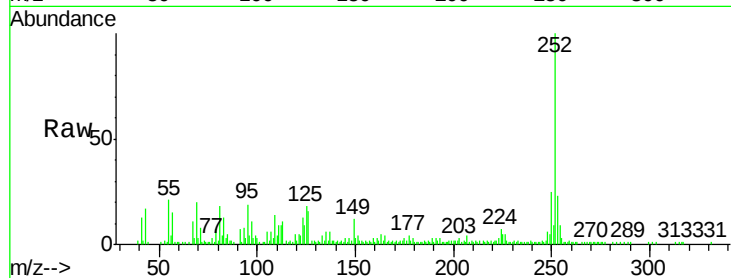
Tot Ion:252 Resp: 86636

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

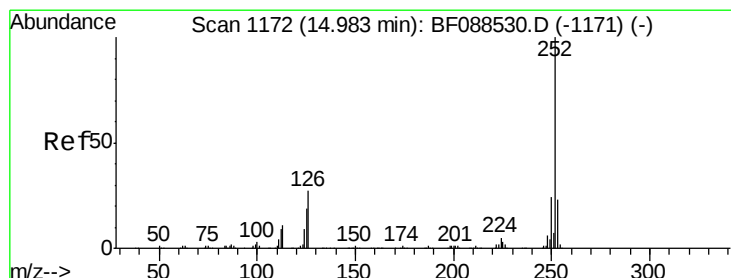
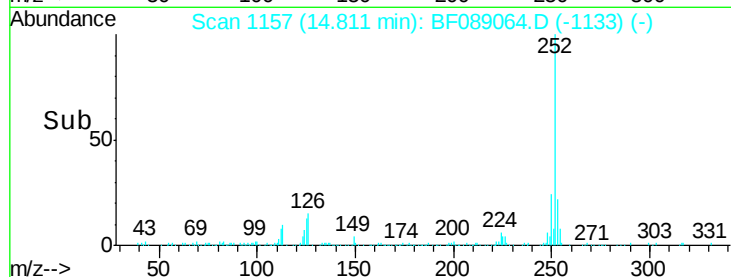
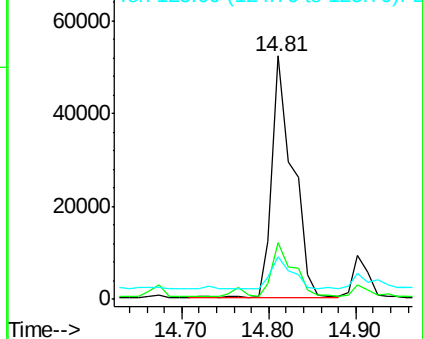
125 17.6 7.1 10.7#



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



#88

Benzo(k)fluoranthene

Concen: 18.47 ng

RT: 14.81 min Scan# 1157

Delta R.T. -0.06 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

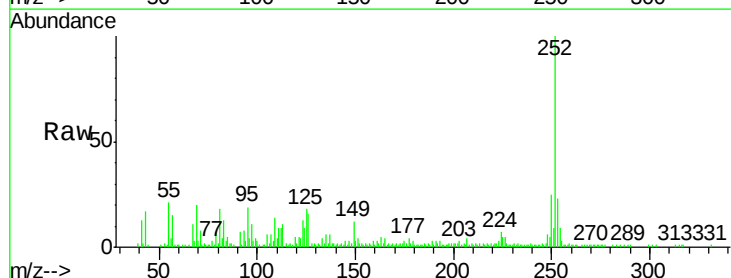
Tgt Ion:252 Resp: 86636

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

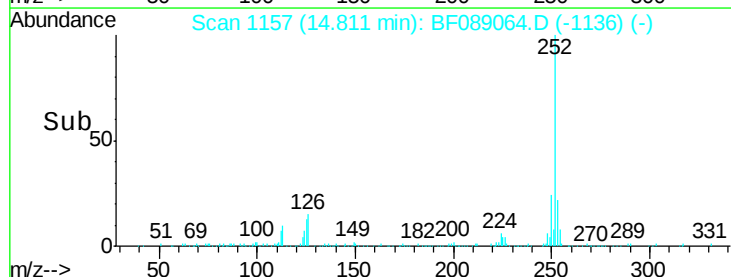
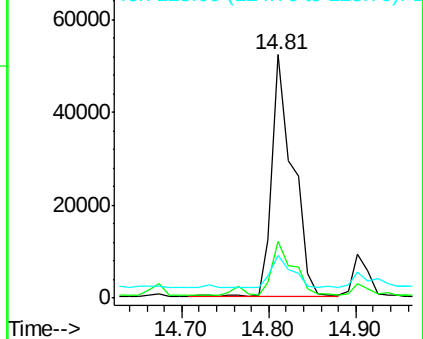
125 17.6 11.2 16.8#

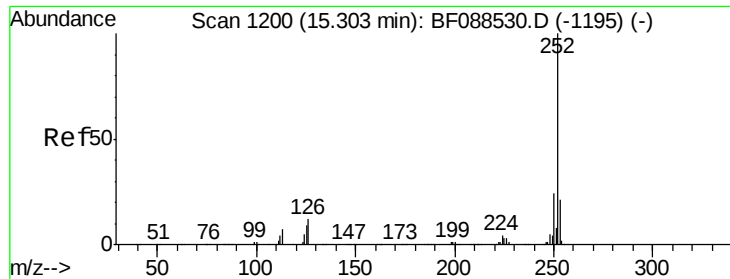


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

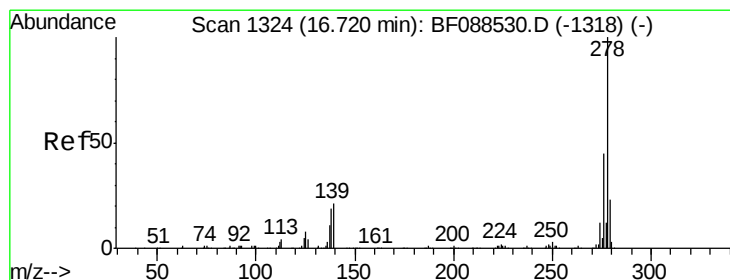
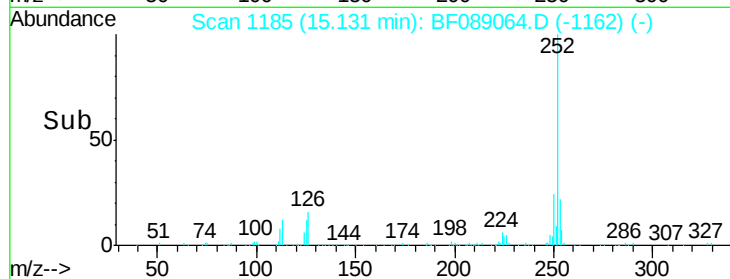
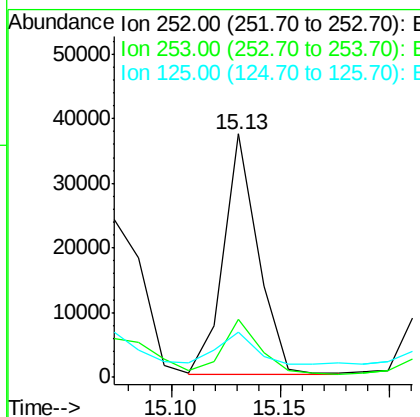
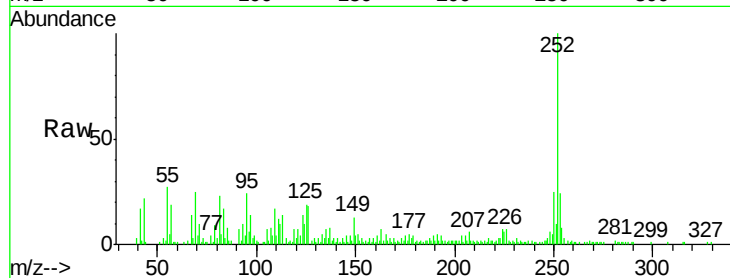




#89
Benzo(a)pyrene
Concen: 8.97 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.03 min
Lab File: BF089064.D
Acq: 16 Jul 2016 19:43

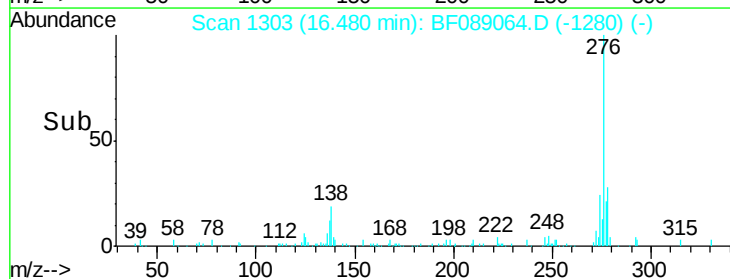
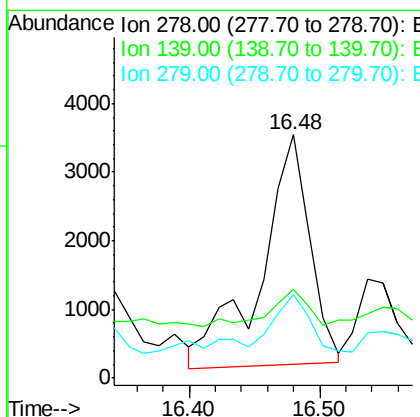
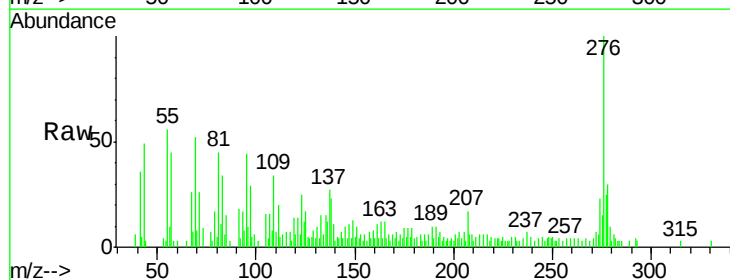
Instrument :
BNA_F
ClientSampled :

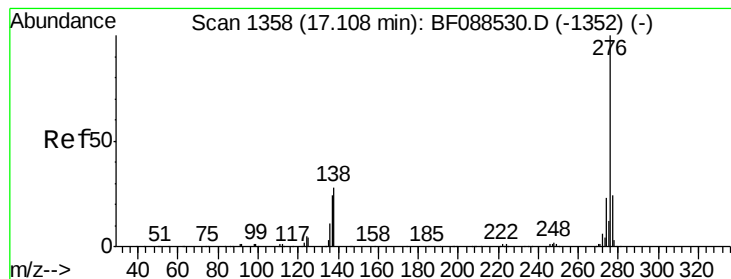
Tot Ion:252 Resp: 40901
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 18.6 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 2.33 ng
RT: 16.48 min Scan# 1303
Delta R.T. -0.03 min
Lab File: BF089064.D
Acq: 16 Jul 2016 19:43

Tgt Ion:278 Resp: 8882
Ion Ratio Lower Upper
278 100
139 36.3 15.7 23.5#
279 34.3 19.4 29.2#





#91

Benzo(a,h,i)perylene

Concen: 6.75 ng

RT: 16.86 min Scan# 1336

Delta R.T. -0.03 min

Lab File: BF089064.D

Acq: 16 Jul 2016 19:43

Instrument :

BNA_F

ClientSampleId :

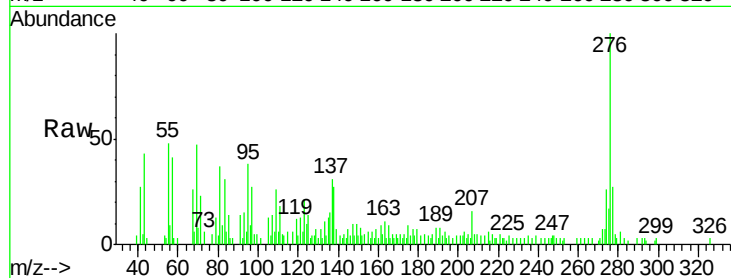
Tot Ion: 276 Resp: 26598

Ion Ratio Lower Upper

276 100

277 27.2 18.9 28.3

138 27.4 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

