

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089378.D
 Acq On : 28 Jul 2016 22:43
 Operator : UM/SJ
 Sample : H4205-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-2.5-3.5

Quant Time: Jul 29 01:18:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	47484	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	198788	20.00	ng	-0.02
38) Acenaphthene-d10	9.55	164	95849	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	158760	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	100187	20.00	ng	-0.02
86) Perylene-d12	14.98	264	101168	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.10	112	255302	85.85	ng	-0.01
7) Phenol-d6	6.18	99	375704	95.60	ng	-0.02
23) Nitrobenzene-d5	7.10	82	236738	70.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	69906	88.06	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	412764	63.20	ng	-0.02
78) Terphenyl-d14	12.61	244	235608	55.04	ng	-0.02

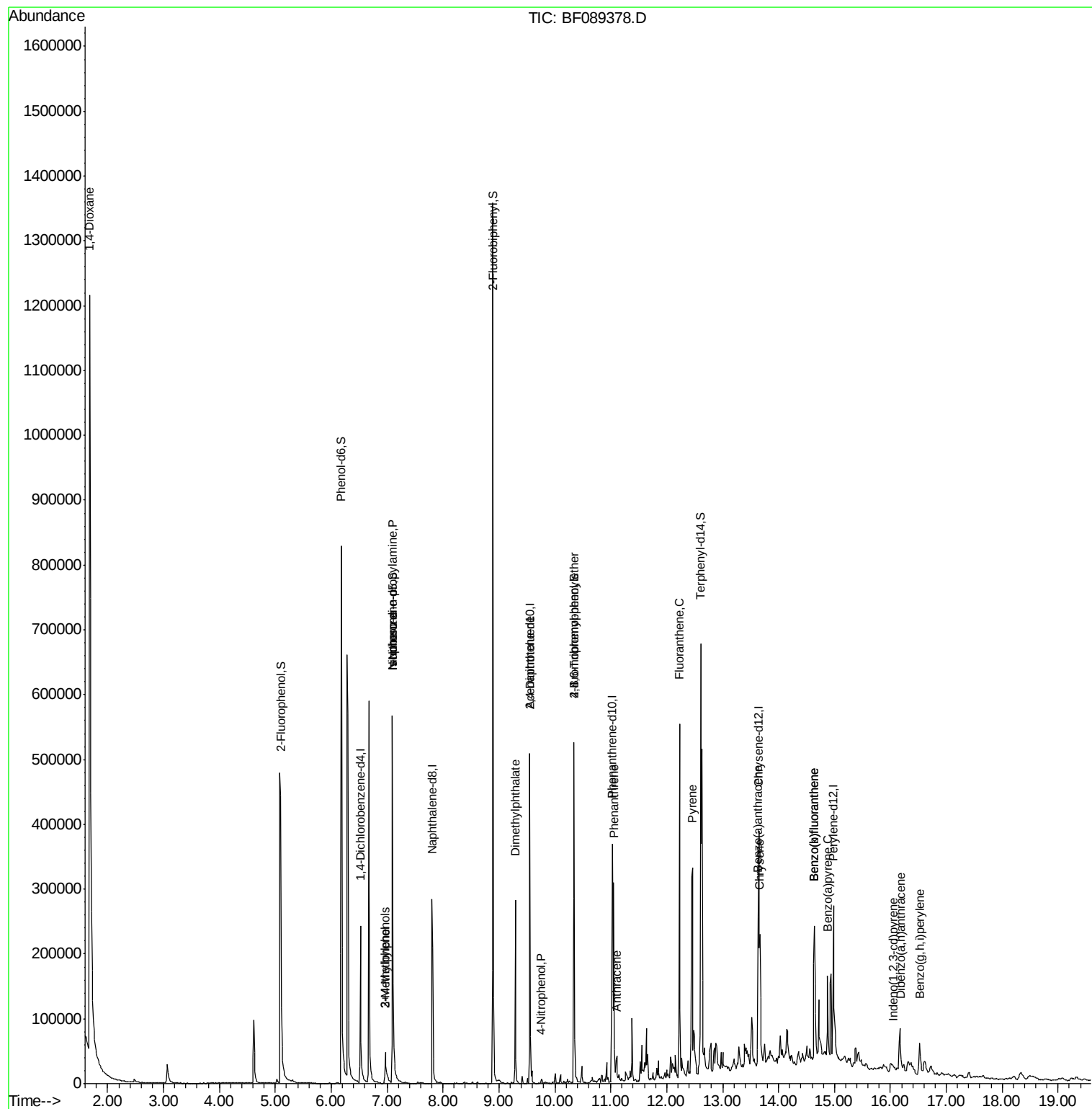
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.68	88	61695	46.35	ng	# 26
17) 2-Methylphenol	6.97	107	26361	10.14	ng	# 67
19) n-Nitroso-di-n-propylamine	7.10	70	31416	13.26	ng	# 81
20) 3+4-Methylphenols	6.97	107	30434	9.11	ng	# 80
25) Isophorone	7.10	82	213466	31.47	ng	# 67
49) Dimethylphthalate	9.29	163	108850	14.92	ng	99
55) 4-Nitrophenol	9.76	139	1269	7.70	ng	# 4
56) 2,4-Dinitrotoluene	9.55	165	12151	6.16	ng	# 7
66) 4-Bromophenyl-phenylether	10.34	248	5244	3.46	ng	# 1
70) Phenanthrene	11.05	178	120029	14.66	ng	98
71) Anthracene	11.11	178	26857	2.95	ng	99
74) Fluoranthene	12.23	202	218164	25.33	ng	99
77) Pyrene	12.46	202	190627	25.11	ng	99
80) Benzo(a)anthracene	13.63	228	89301	15.79	ng	97
82) Chrysene	13.67	228	76122	12.65	ng	97
85) Indeno(1,2,3-cd)pyrene	16.05	276	12757	2.98	ng	95
87) Benzo(b)fluoranthene	14.64	252	143312	22.81	ng	99
88) Benzo(k)fluoranthene	14.64	252	143312	24.81	ng	99
89) Benzo(a)pyrene	14.88	252	53712	9.53	ng	98
90) Dibenzo(a,h)anthracene	16.18	278	14777	3.33	ng	# 94
91) Benzo(g,h,i)perylene	16.53	276	46815	10.73	ng	95

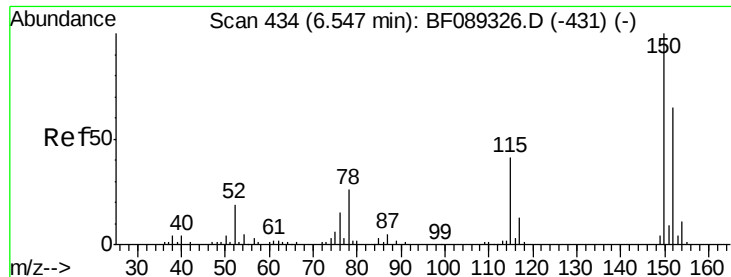
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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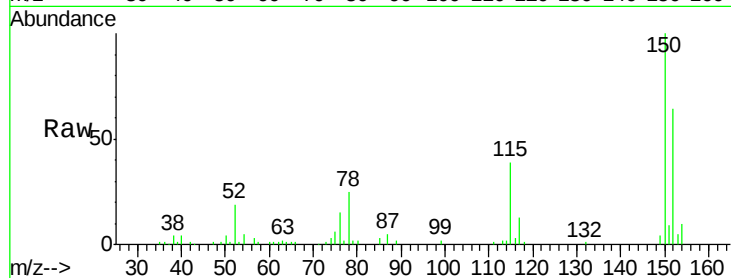




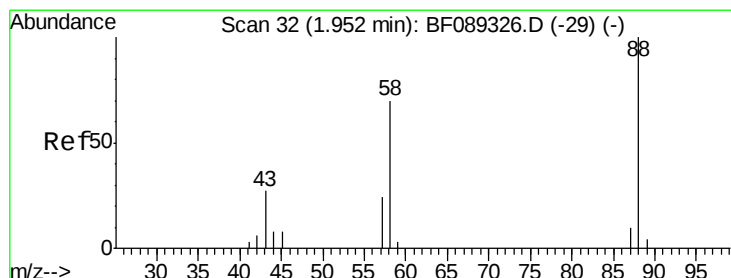
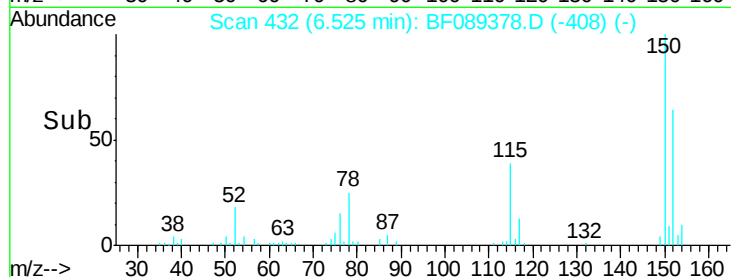
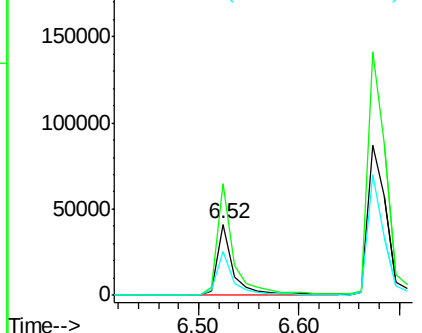
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BF089378.D
 Acq: 28 Jul 2016 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-2.5-3.5

Tgt Ion:152 Resp: 47484
 Ion Ratio Lower Upper
 152 100
 150 157.1 129.5 194.3
 115 62.0 51.4 77.2

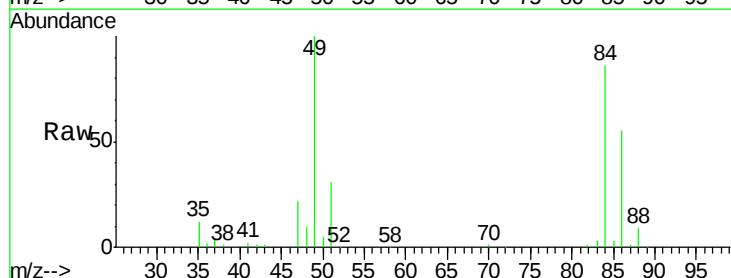


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

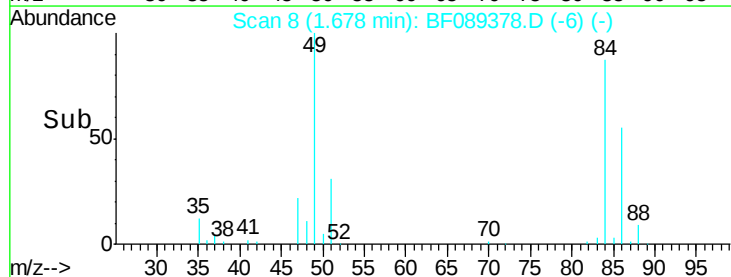
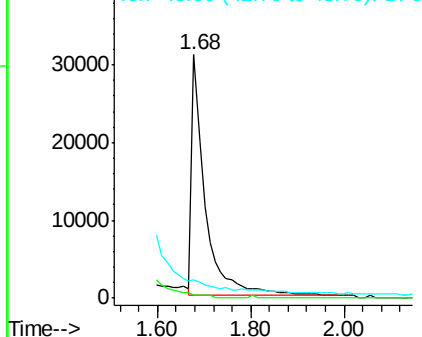


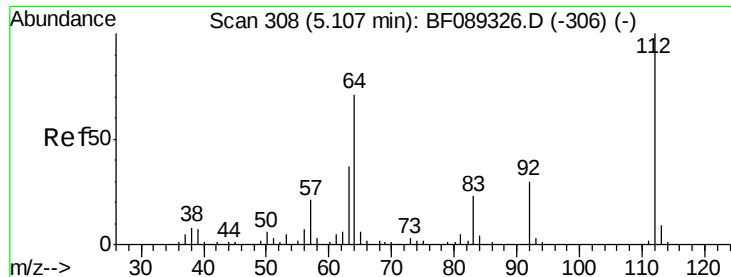
#2
 1,4-Dioxane
 Concen: 46.35 ng
 RT: 1.68 min Scan# 8
 Delta R.T. -0.27 min
 Lab File: BF089378.D
 Acq: 28 Jul 2016 22:43

Tgt Ion: 88 Resp: 61695
 Ion Ratio Lower Upper
 88 100
 58 0.0 53.2 79.8#
 43 0.0 20.6 31.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 85.85 ng

RT: 5.10 min Scan# 307

Delta R.T. -0.01 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

Instrument :

BNA_F

ClientSampleId :

SB-40-2.5-3.5

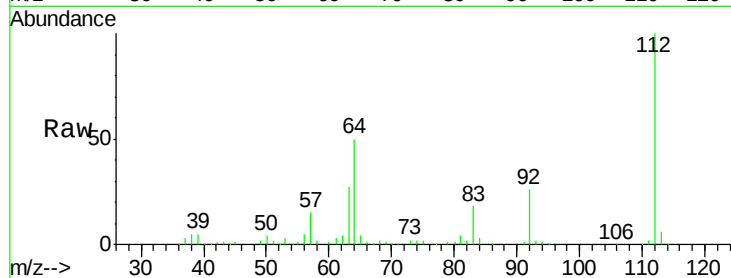
Tgt Ion: 112 Resp: 255302

Ion Ratio Lower Upper

112 100

64 50.1 55.0 82.6#

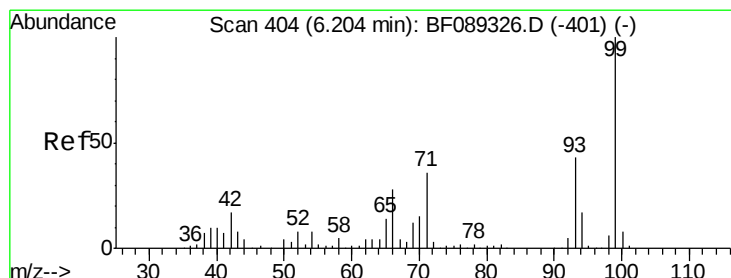
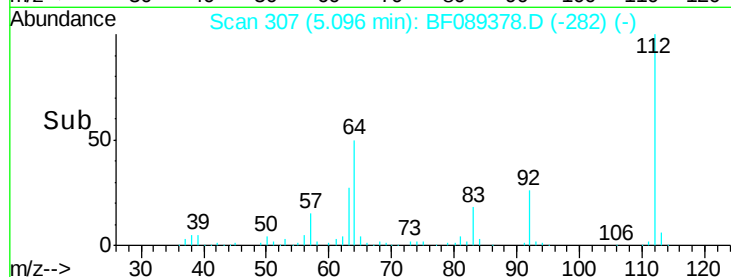
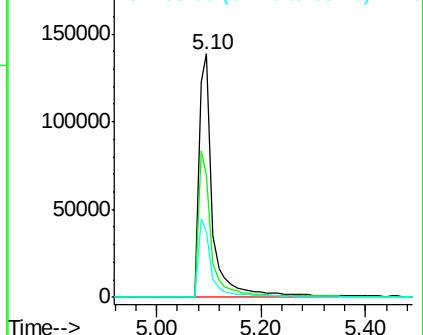
63 26.9 29.4 44.2#



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: 95.60 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

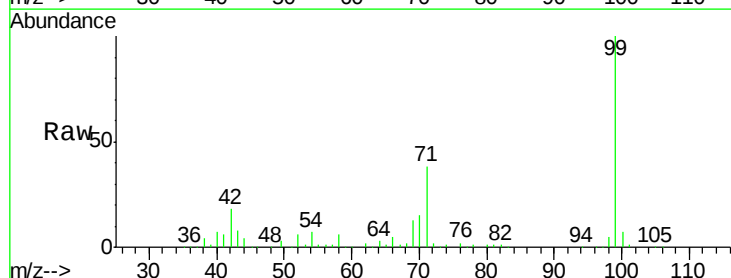
Tgt Ion: 99 Resp: 375704

Ion Ratio Lower Upper

99 100

42 17.5 13.6 20.4

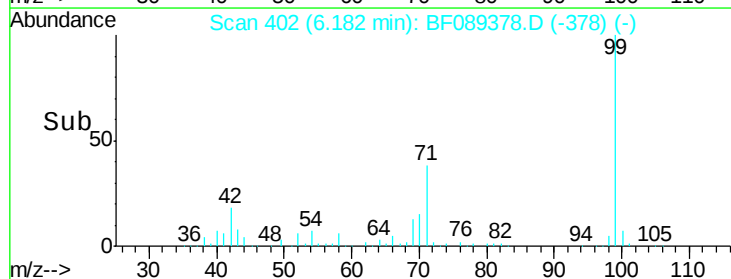
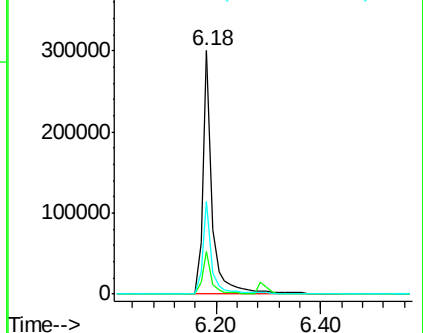
71 38.0 29.4 44.2

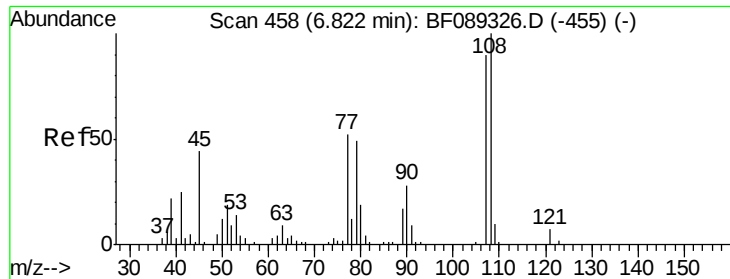


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

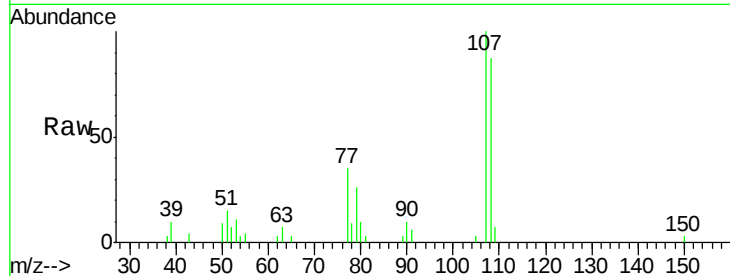




#17
2-Methylphenol
Concen: 10.14 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.15 min
Lab File: BF089378.D
Acq: 28 Jul 2016 22:43

Instrument :
BNA_F
ClientSampleId :
SB-40-2.5-3.5

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	91.4	137.0#
77	34.5	48.6	73.0#
79	26.1	48.2	72.4#



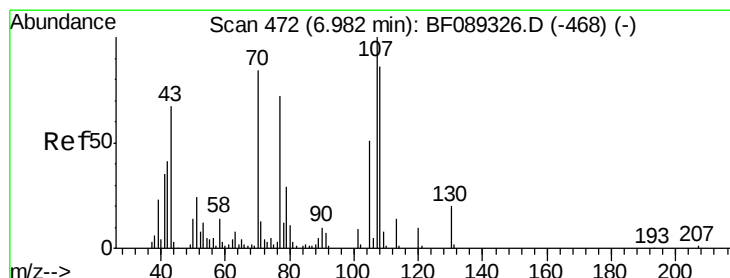
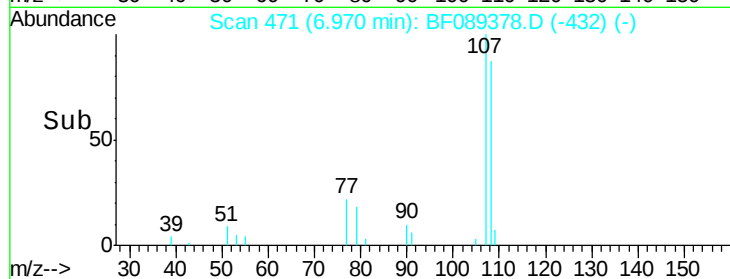
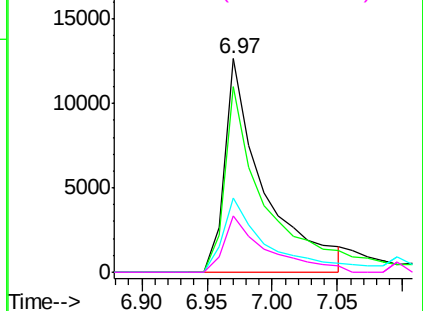
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

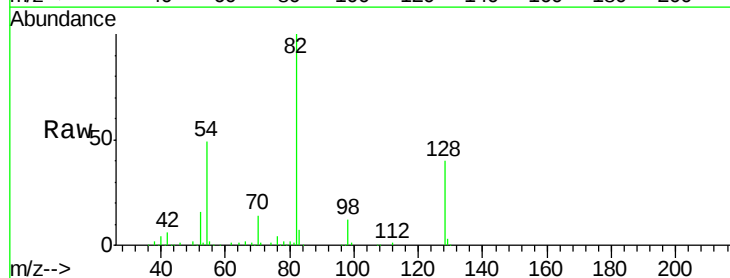
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#19
n-Nitroso-di-n-propylamine
Concen: 13.26 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.11 min
Lab File: BF089378.D
Acq: 28 Jul 2016 22:43

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.0	38.6	57.8
101	0.0	8.3	12.5#
130	1.9	19.0	28.4#



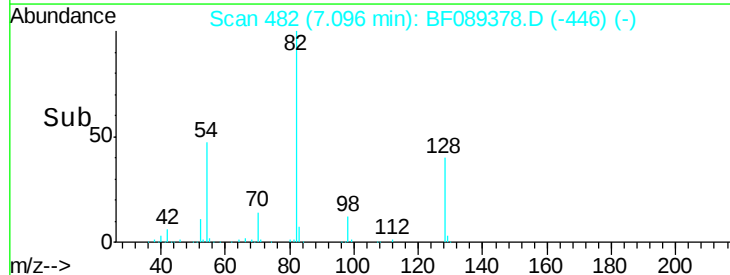
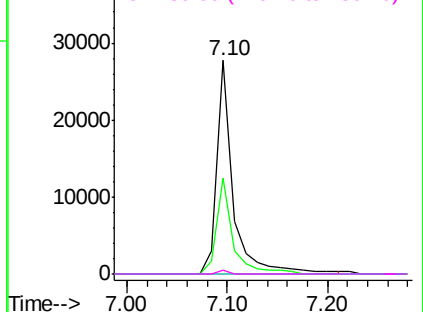
Abundance

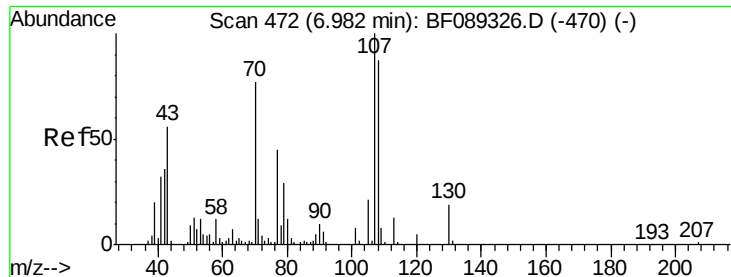
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 9.11 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

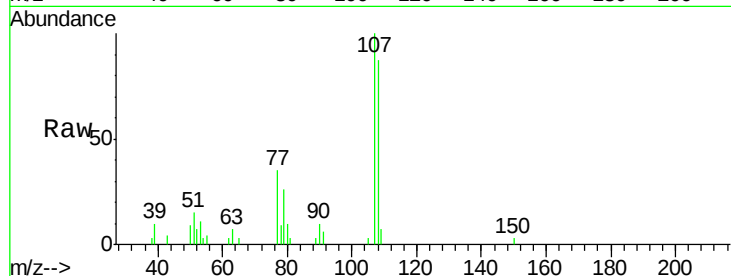
Instrument :

BNA_F

ClientSampleId :

SB-40-2.5-3.5

Tgt Ion:	107	Resp:	30434
Ion	Ratio	Lower	Upper
107	100		
108	86.6	63.3	103.3
77	34.5	51.1	91.1#
79	26.1	9.3	49.3

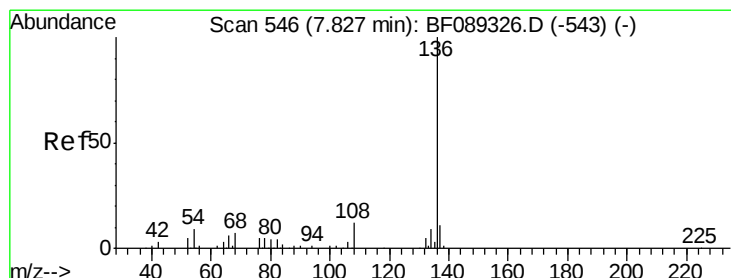
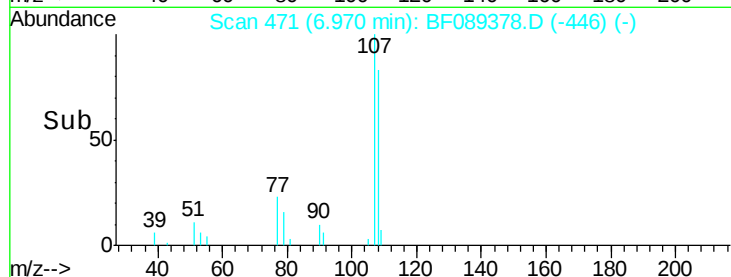
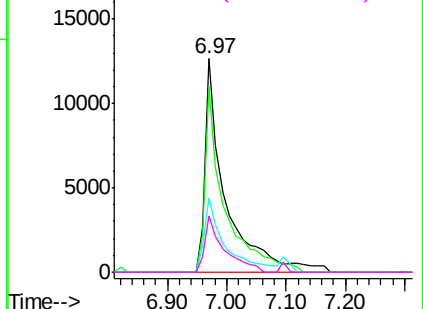


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

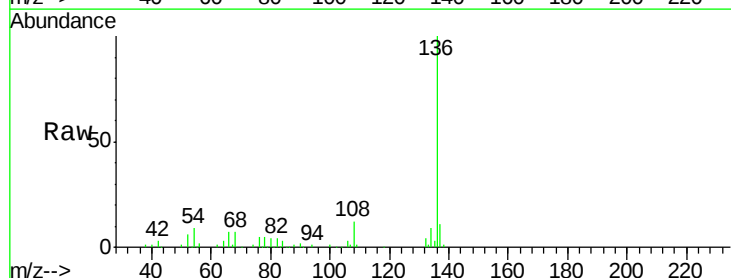
RT: 7.80 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

Tgt Ion:	136	Resp:	198788
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.4	7.0	10.4
68	6.9	4.9	7.3

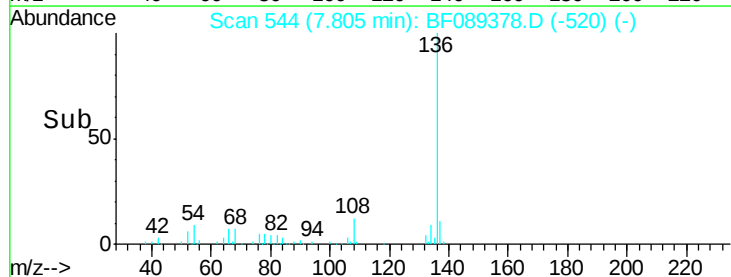
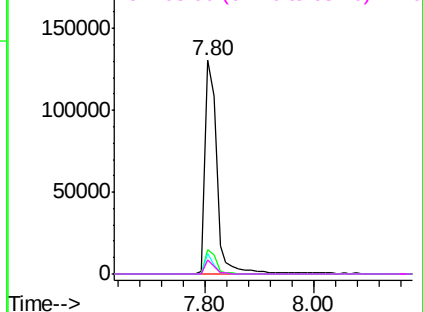


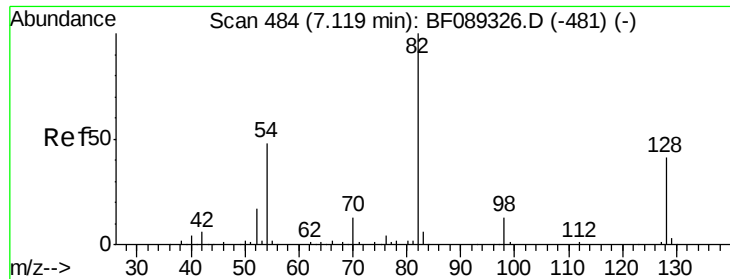
Abundance Ion 136.00 (135.70 to 136.70): E

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

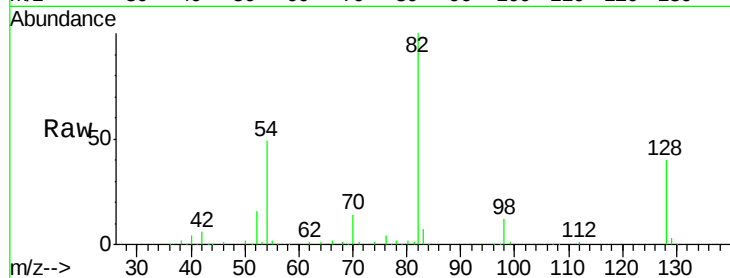




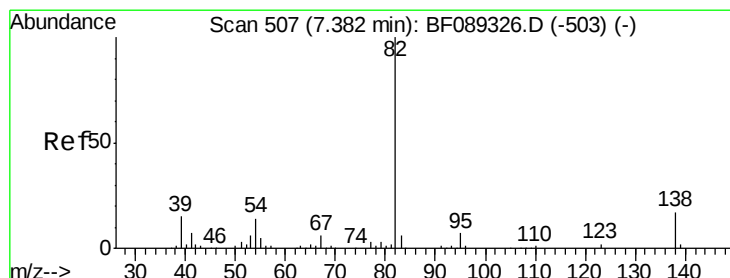
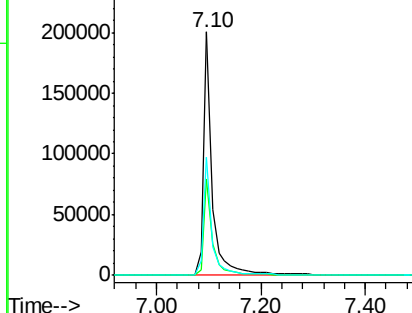
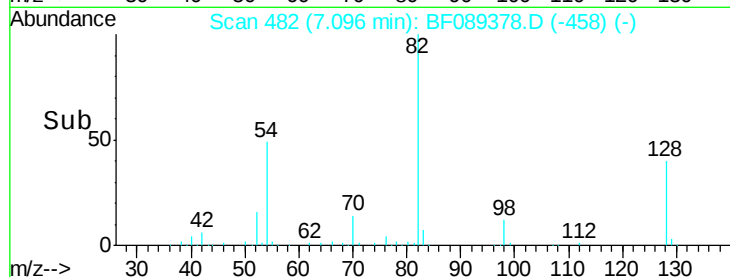
#23
 Nitrobenzene-d5
 Concen: 70.29 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF089378.D
 Acq: 28 Jul 2016 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-2.5-3.5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.5	48.7
54	48.8	38.8	58.2

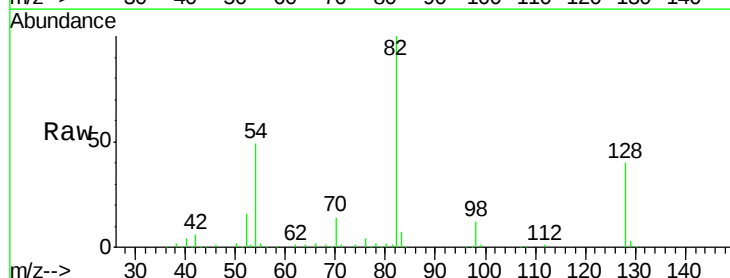


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

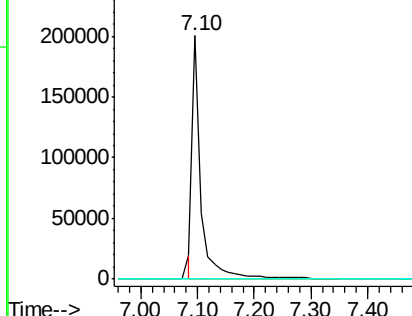
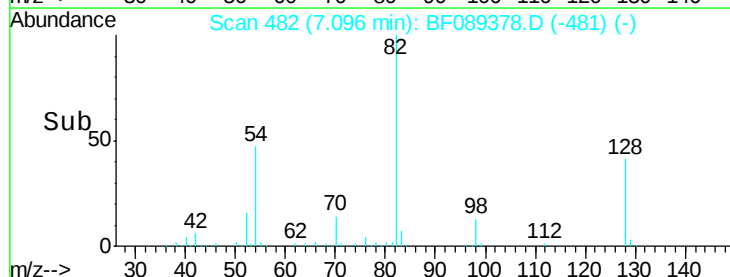


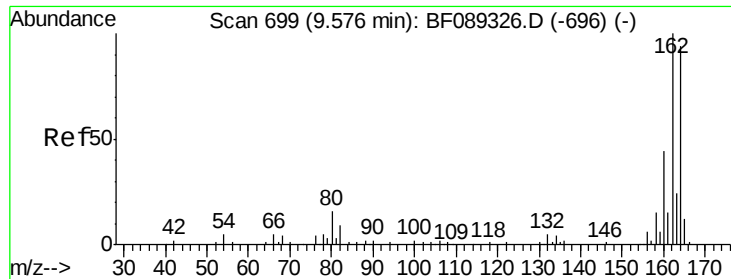
#25
 Isophorone
 Concen: 31.47 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.29 min
 Lab File: BF089378.D
 Acq: 28 Jul 2016 22:43

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	13.3	19.9#



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): BF0

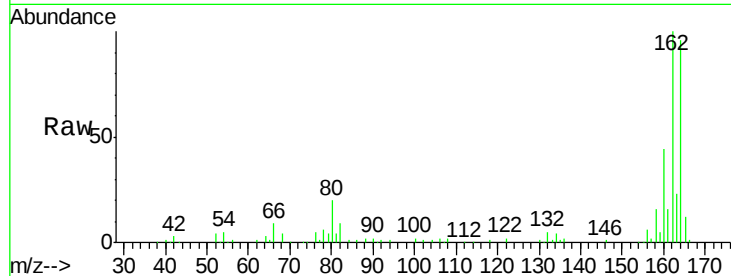




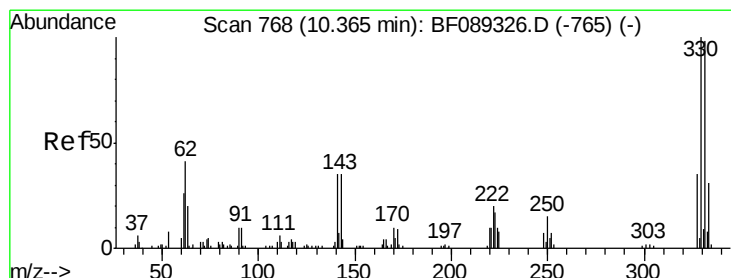
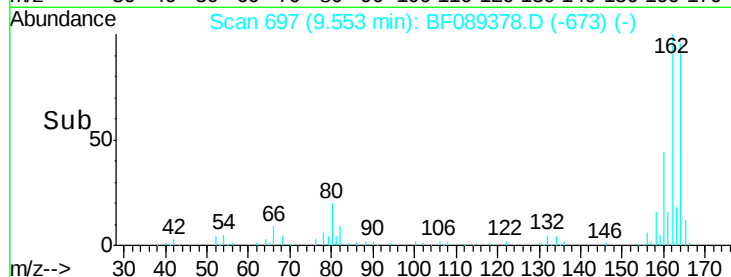
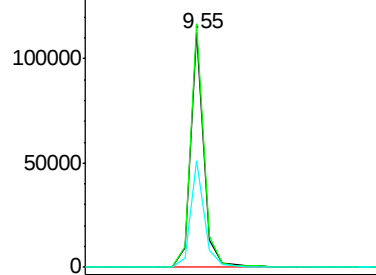
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF089378.D
Acq: 28 Jul 2016 22:43

Instrument :
BNA_F
ClientSampleId :
SB-40-2.5-3.5

Tgt Ion:164 Resp: 95849
Ion Ratio Lower Upper
164 100
162 104.0 83.7 125.5
160 45.7 37.8 56.6

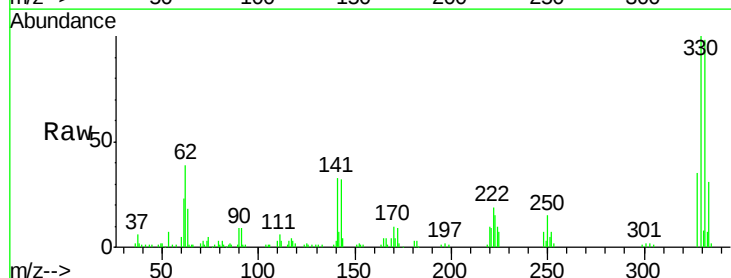


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

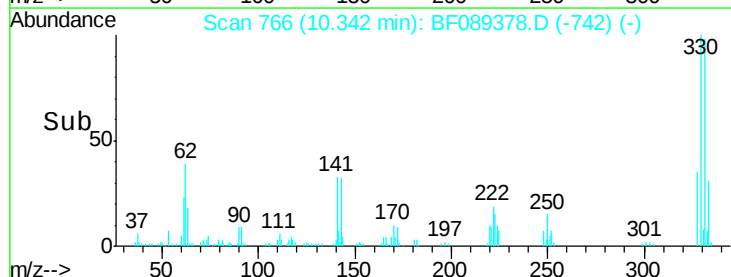
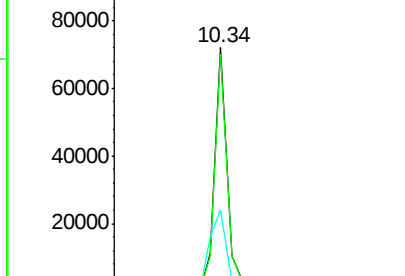


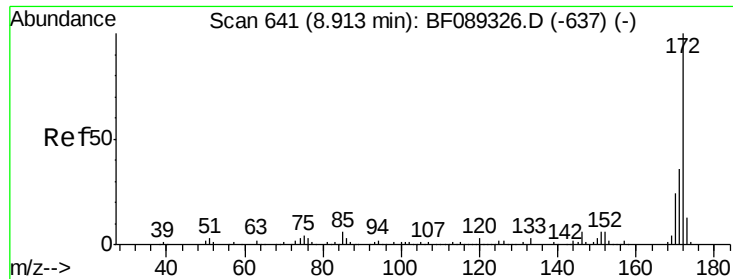
#41
2,4,6-Tribromophenol
Concen: 88.06 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF089378.D
Acq: 28 Jul 2016 22:43

Tgt Ion:330 Resp: 69906
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 45.0 37.3 55.9



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

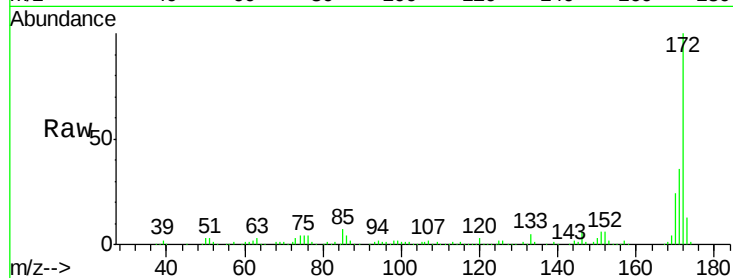




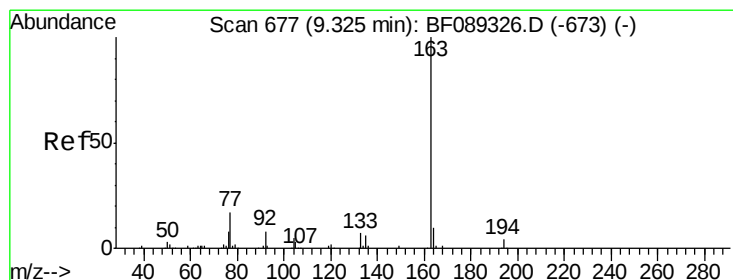
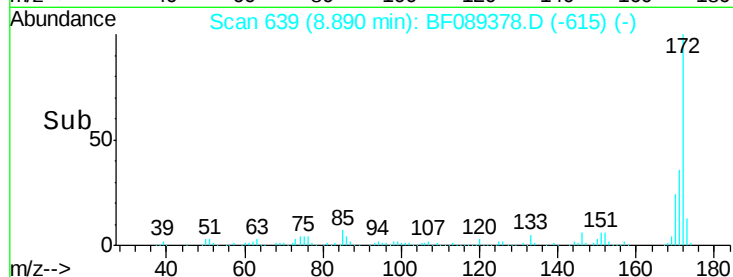
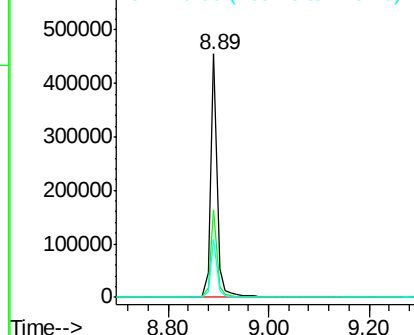
#44
 2-Fluorobiphenyl
 Concen: 63.20 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089378.D
 Acq: 28 Jul 2016 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-2.5-3.5

Tgt Ion:172 Resp: 412764
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.8 19.2 28.8

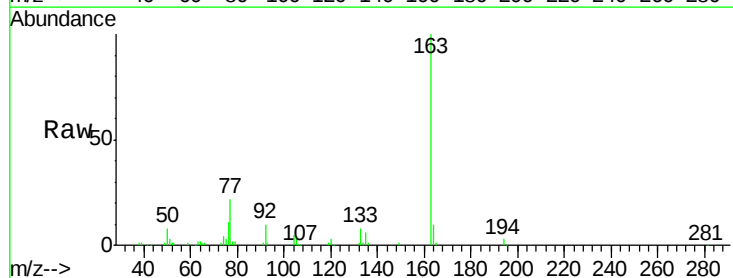


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

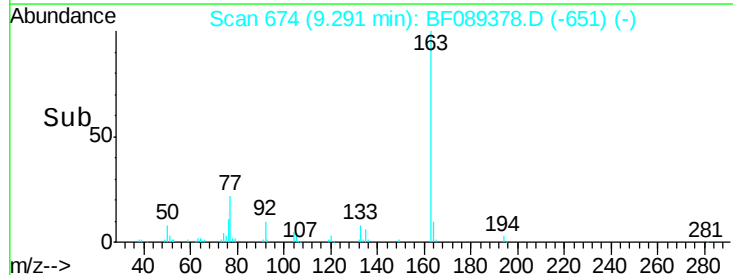
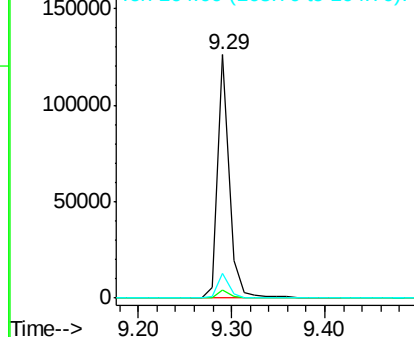


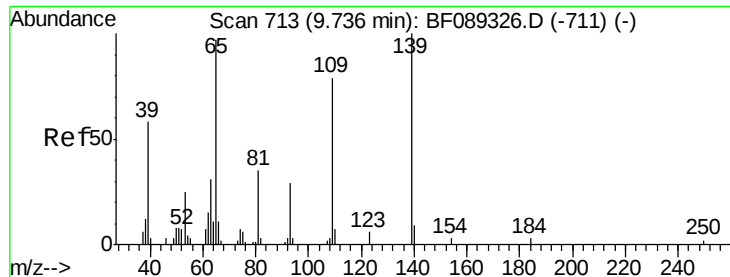
#49
 Dimethylphthalate
 Concen: 14.92 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF089378.D
 Acq: 28 Jul 2016 22:43

Tgt Ion:163 Resp: 108850
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.8 4.2
 164 10.1 7.8 11.8



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





#55

4-Nitrophenol

Concen: 7.70 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.02 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

Instrument :

BNA_F

ClientSampleId :

SB-40-2.5-3.5

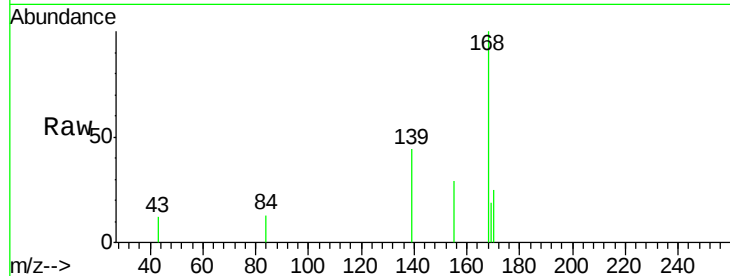
Tgt Ion:139 Resp: 1269

Ion Ratio Lower Upper

139 100

109 0.0 57.8 97.8#

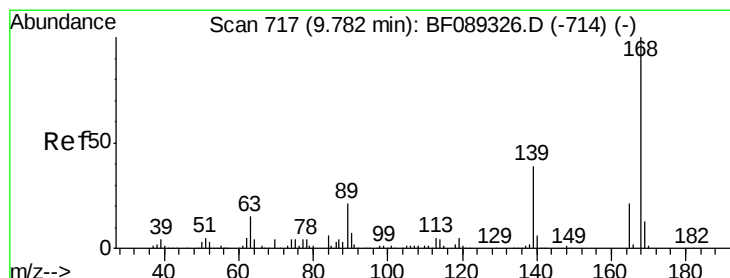
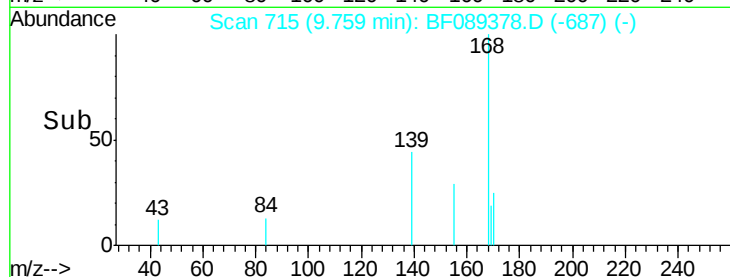
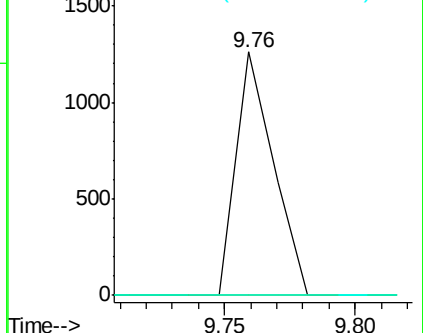
65 0.0 81.7 121.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.16 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.23 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

Tgt Ion:165 Resp: 12151

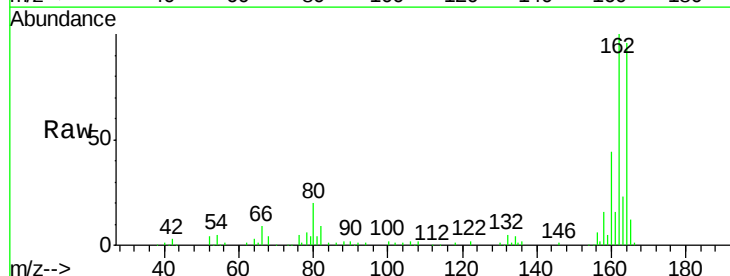
Ion Ratio Lower Upper

165 100

63 0.0 58.2 87.2#

89 0.0 79.1 118.7#

182 0.0 1.8 2.8#

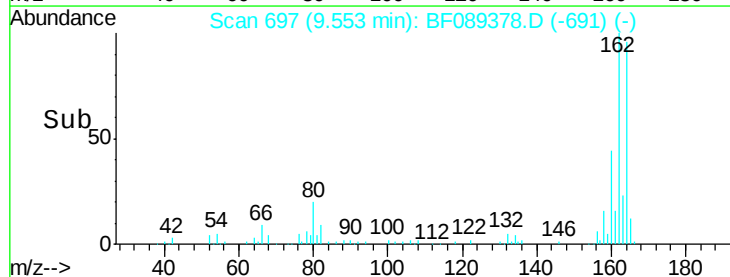
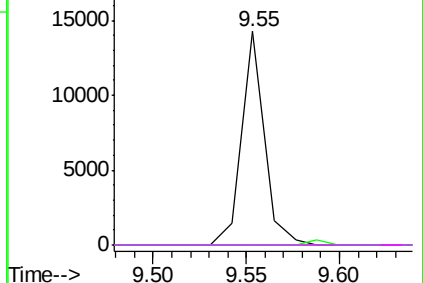


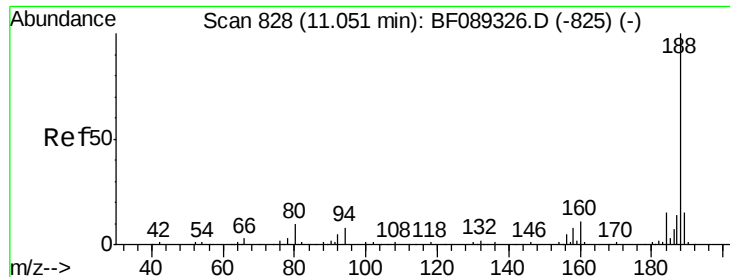
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

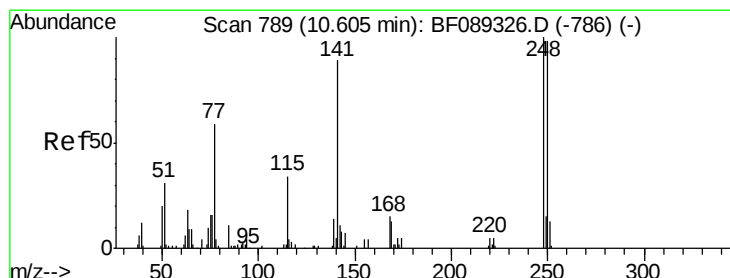
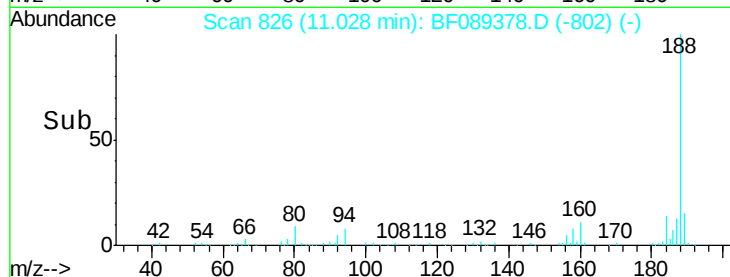
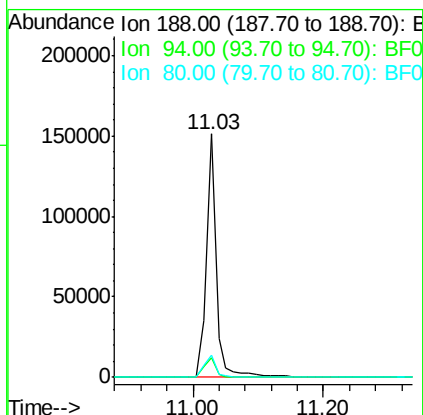
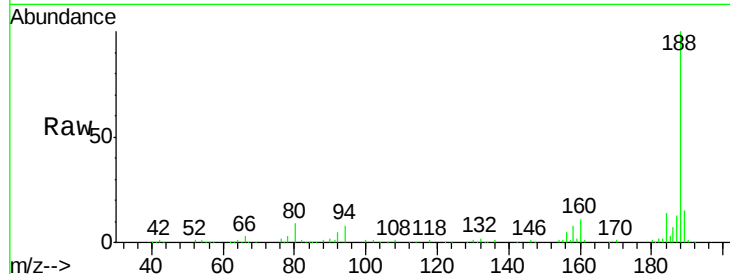




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF089378.D
 Acq: 28 Jul 2016 22:43

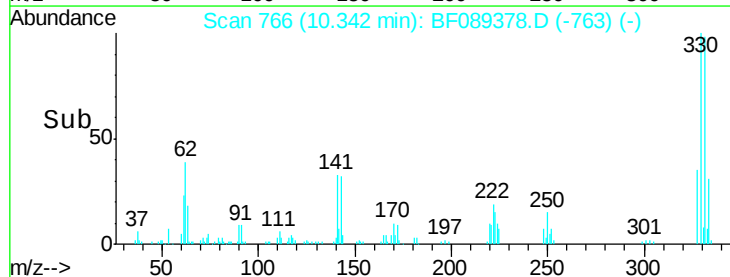
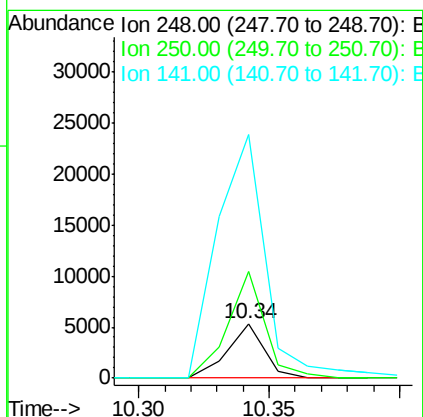
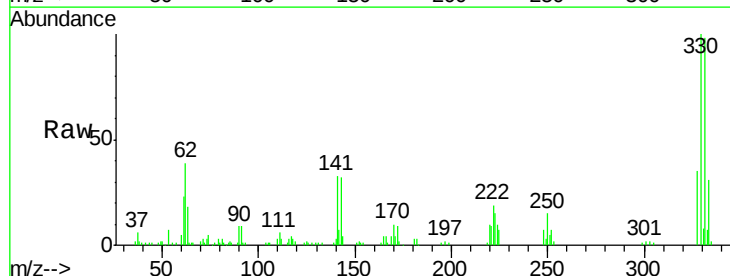
Instrument :
 BNA_F
 ClientSampleId :
 SB-40-2.5-3.5

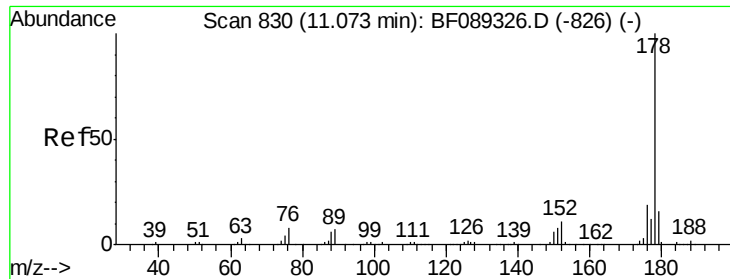
Tgt Ion:188 Resp: 158760
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.5 9.7
 80 9.0 7.2 10.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.46 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.26 min
 Lab File: BF089378.D
 Acq: 28 Jul 2016 22:43

Tgt Ion:248 Resp: 5244
 Ion Ratio Lower Upper
 248 100
 250 196.8 78.2 117.2#
 141 447.6 62.0 93.0#

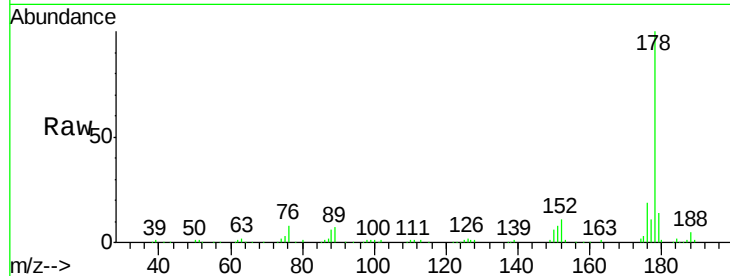




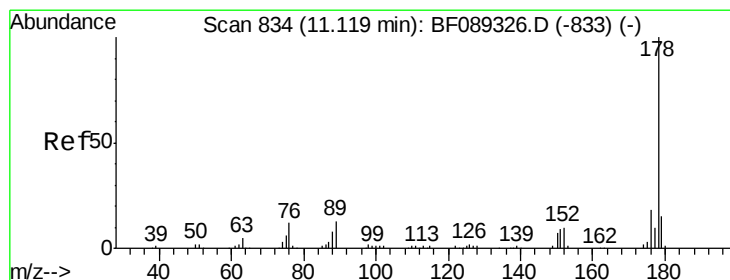
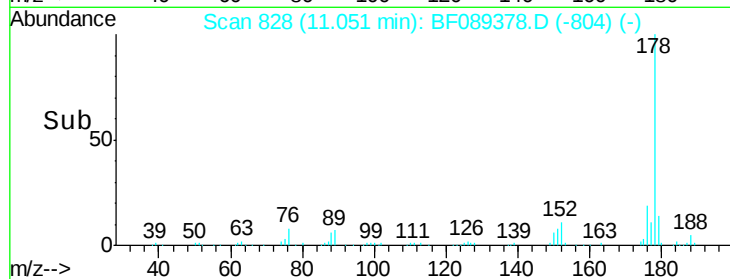
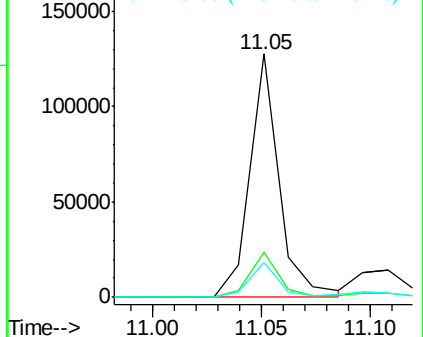
#70
Phenanthrene
Concen: 14.66 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF089378.D
Acq: 28 Jul 2016 22:43

Instrument :
BNA_F
ClientSampleId :
SB-40-2.5-3.5

Tgt Ion:178 Resp: 120029
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 14.5 12.3 18.5

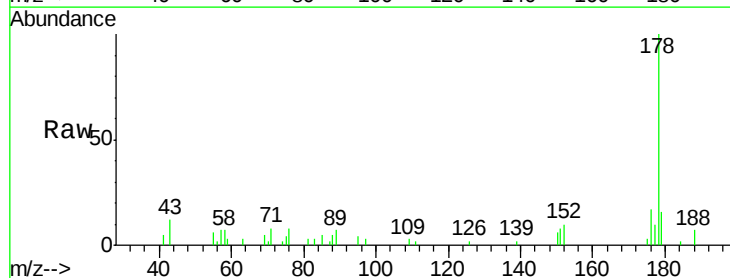


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

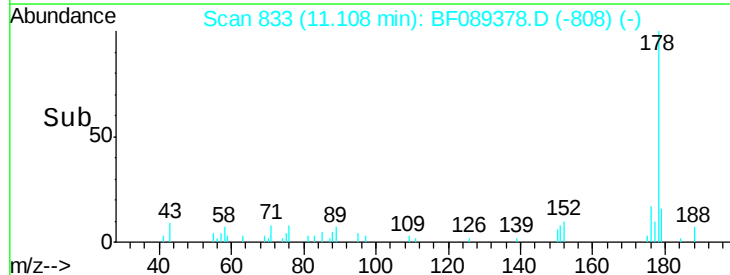
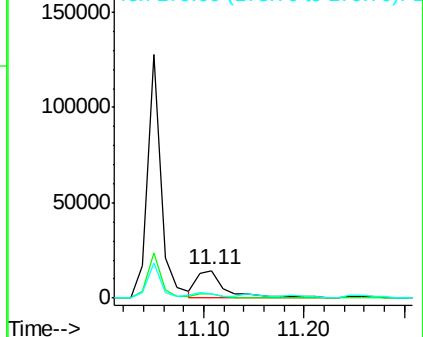


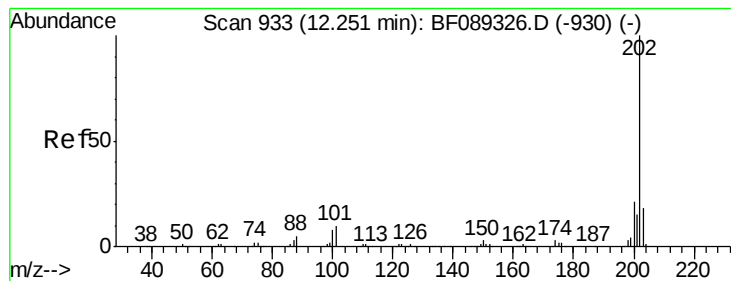
#71
Anthracene
Concen: 2.95 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF089378.D
Acq: 28 Jul 2016 22:43

Tgt Ion:178 Resp: 26857
Ion Ratio Lower Upper
178 100
176 17.5 14.8 22.2
179 15.9 12.6 18.8



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





#74

Fluoranthene

Concen: 25.33 ng

RT: 12.23 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

Instrument :

BNA_F

ClientSampleId :

SB-40-2.5-3.5

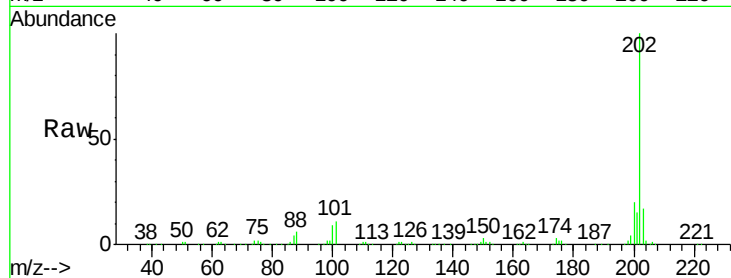
Tgt Ion: 202 Resp: 218164

Ion Ratio Lower Upper

202 100

101 11.3 0.0 29.9

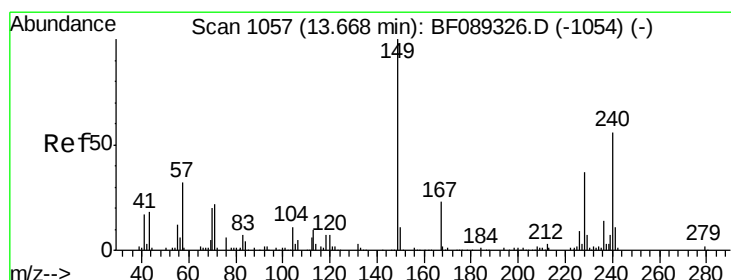
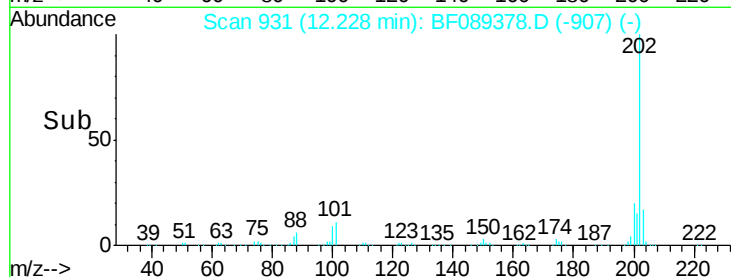
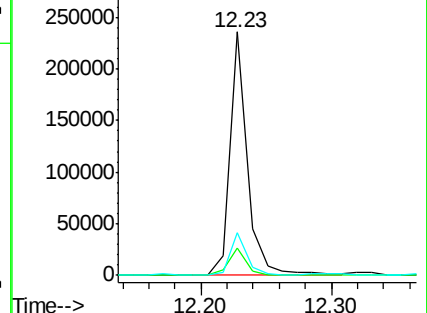
203 17.3 0.0 37.3



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: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

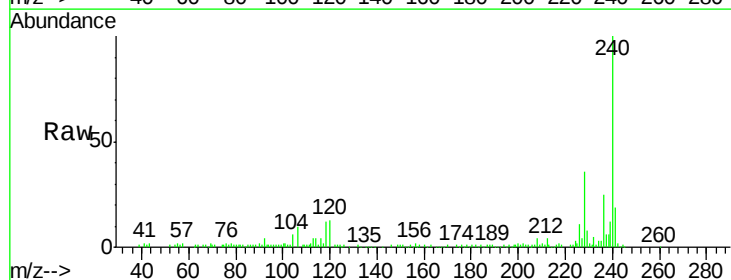
Tgt Ion: 240 Resp: 100187

Ion Ratio Lower Upper

240 100

120 13.1 9.1 13.7

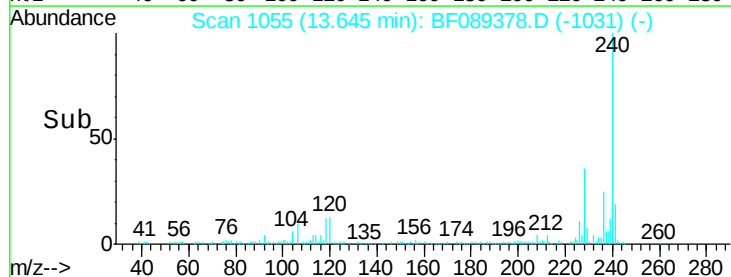
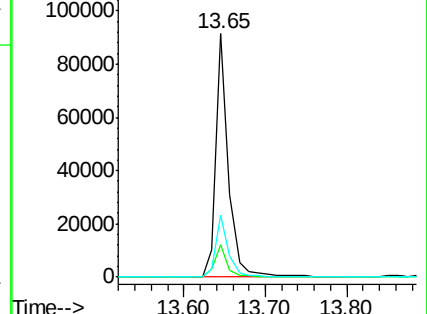
236 25.3 20.6 30.8

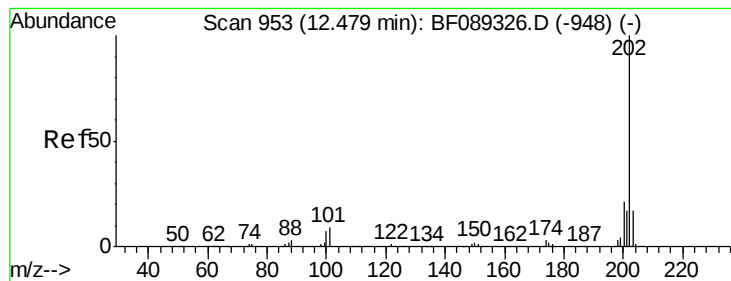


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 25.11 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

Instrument :

BNA_F

ClientSampleId :

SB-40-2.5-3.5

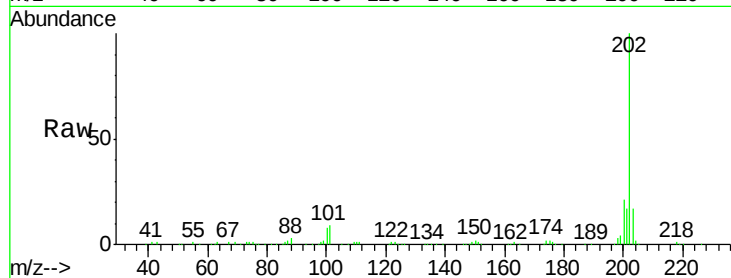
Tgt Ion: 202 Resp: 190627

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

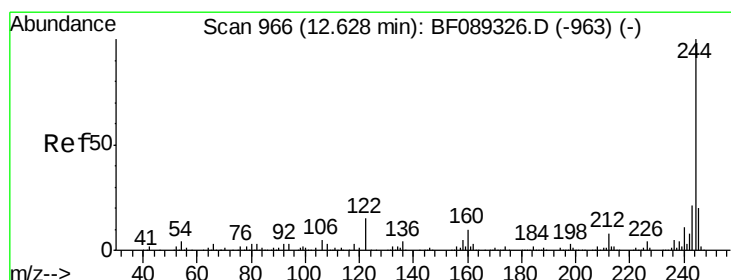
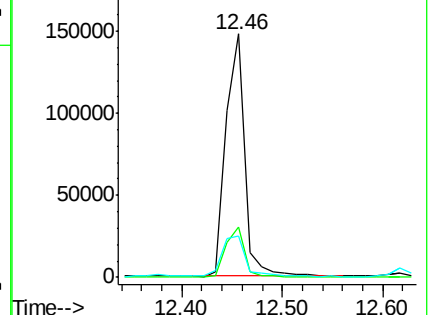
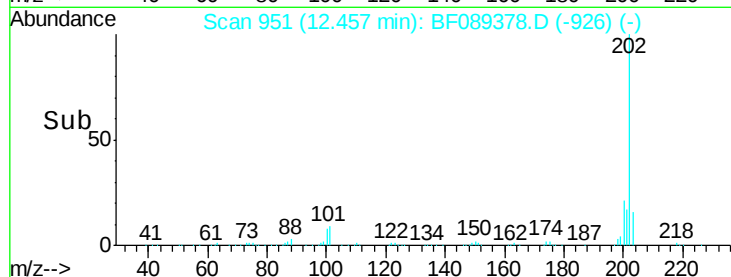
203 17.1 14.0 21.0



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: 55.04 ng

RT: 12.61 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

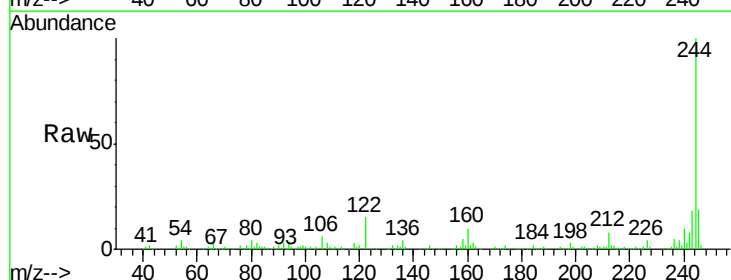
Tgt Ion: 244 Resp: 235608

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

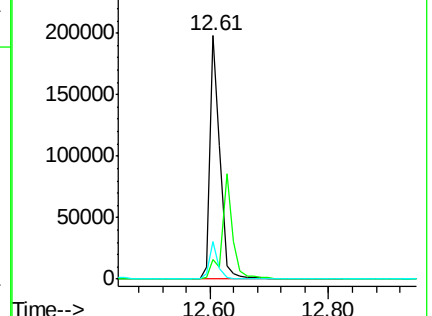
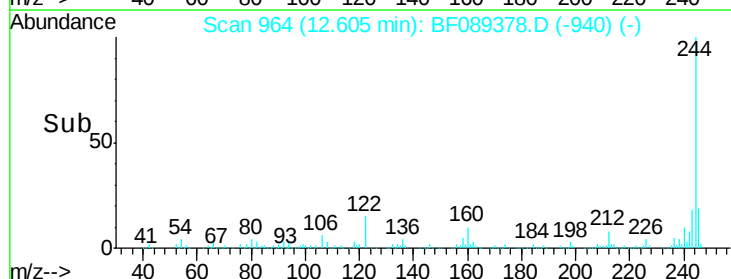
122 15.4 11.4 17.0

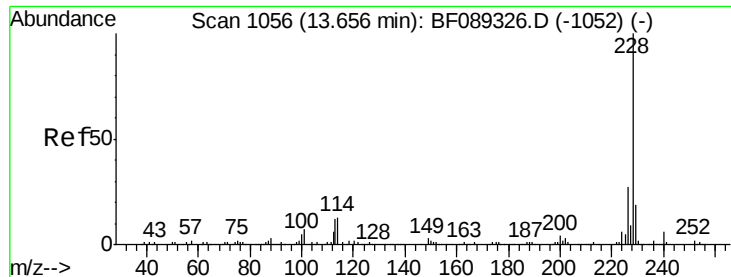


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 15.79 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

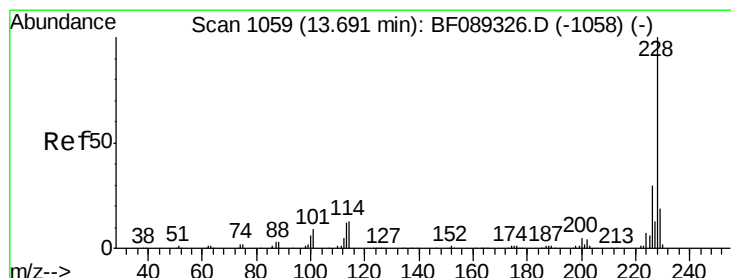
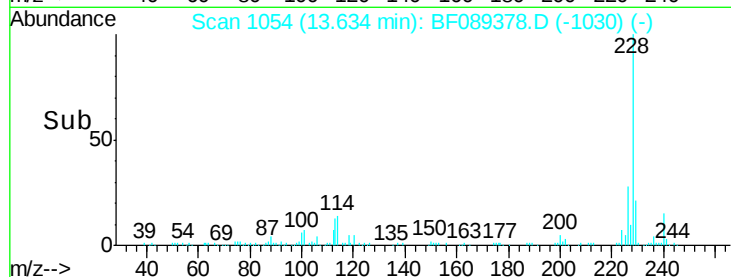
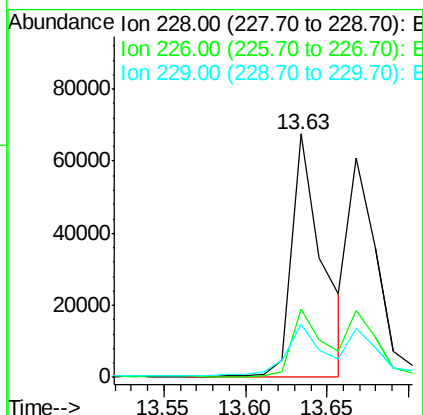
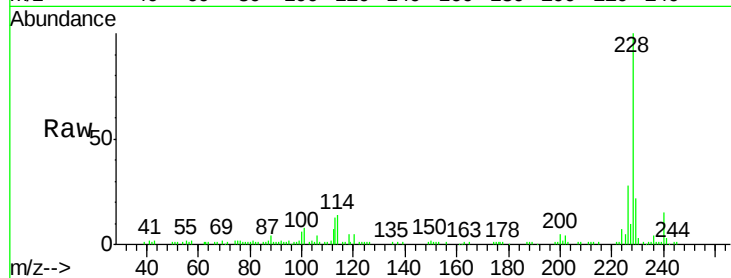
Instrument :

BNA_F

ClientSampleId :

SB-40-2.5-3.5

Tgt Ion:	228	Resp:	89301
Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.4	32.2
229	21.5	15.9	23.9



#82

Chrysene

Concen: 12.65 ng

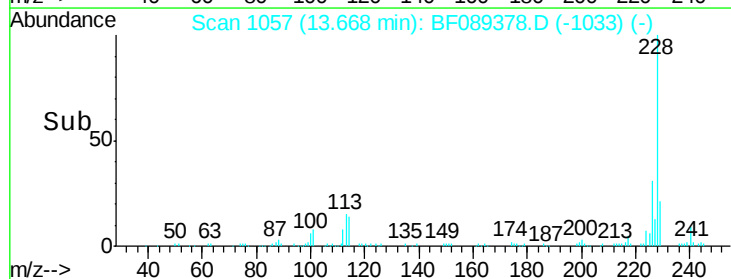
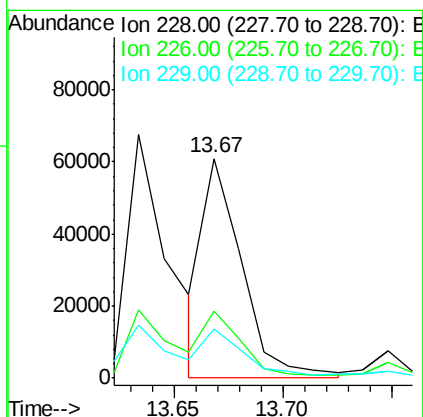
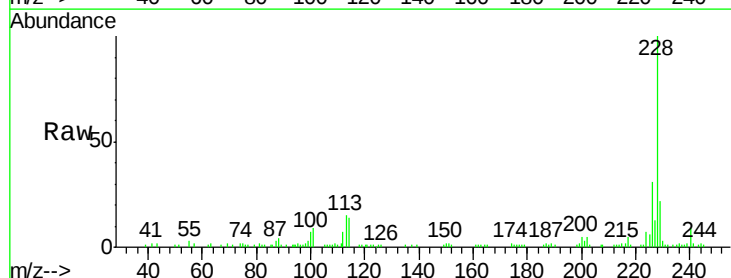
RT: 13.67 min Scan# 1057

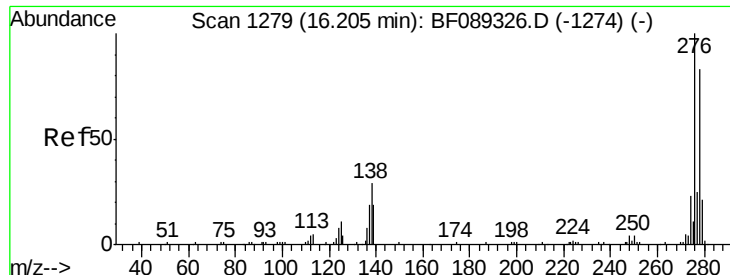
Delta R.T. -0.02 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

Tgt Ion:	228	Resp:	76122
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	22.2	15.9	23.9

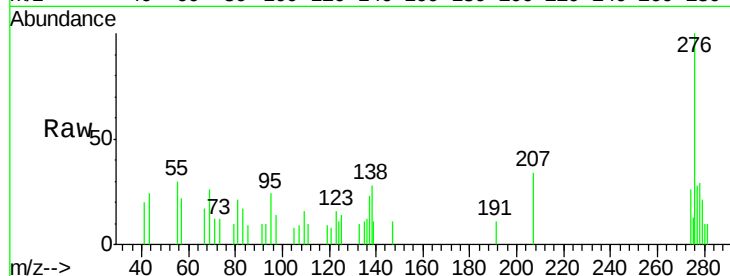




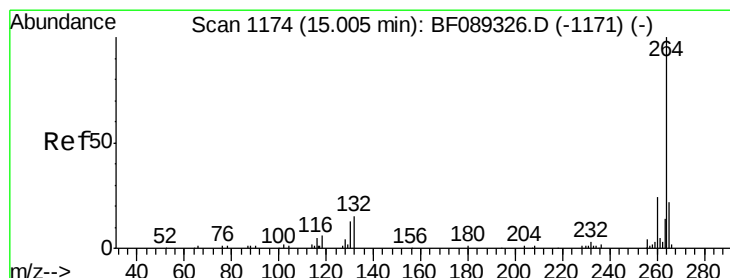
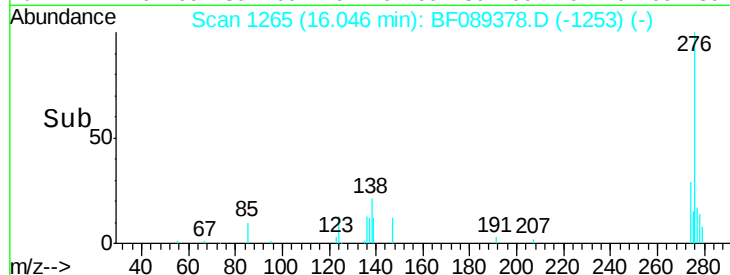
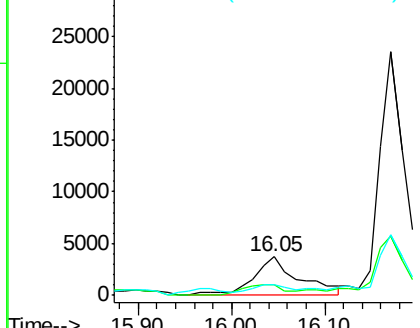
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.98 ng
 RT: 16.05 min Scan# 1265
 Delta R.T. -0.16 min
 Lab File: BF089378.D
 Acq: 28 Jul 2016 22:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-2.5-3.5

Tgt Ion: 276 Resp: 12757
 Ion Ratio Lower Upper
 276 100
 138 26.0 23.0 34.4
 277 27.5 20.2 30.4

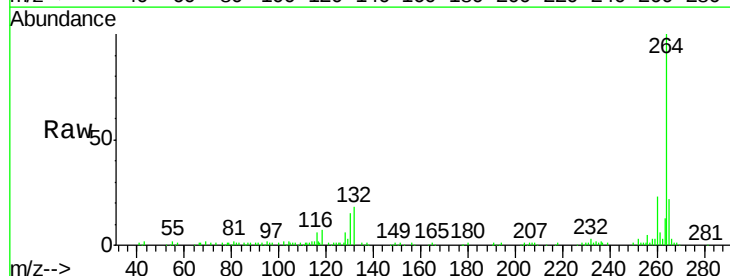


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

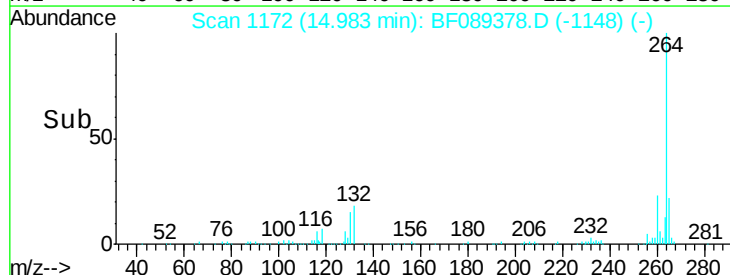
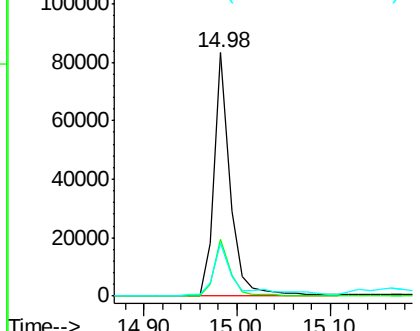


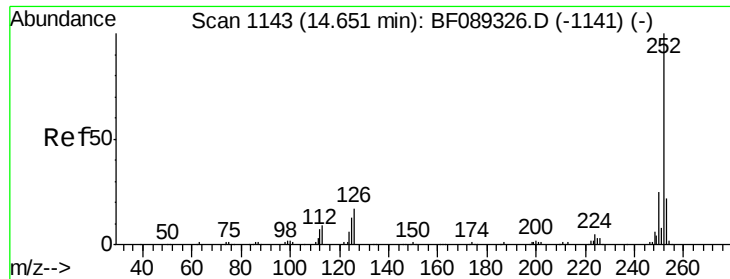
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089378.D
 Acq: 28 Jul 2016 22:43

Tgt Ion: 264 Resp: 101168
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 21.9 17.5 26.3



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: 22.81 ng

RT: 14.64 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

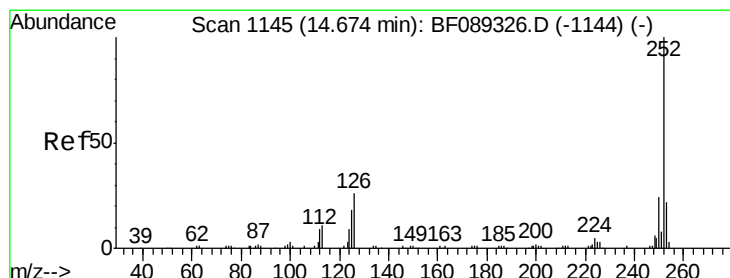
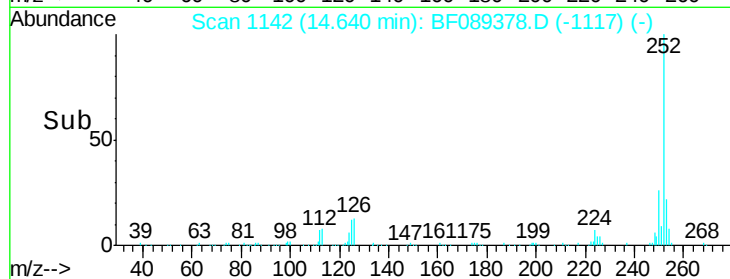
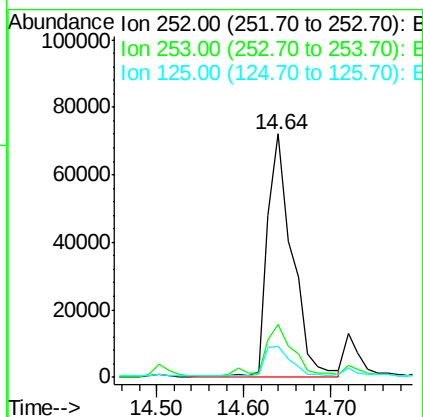
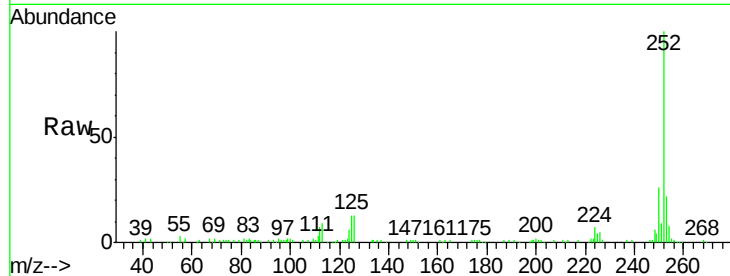
Instrument :

BNA_F

ClientSampleId :

SB-40-2.5-3.5

Tgt Ion:	252	Resp:	143312
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	12.9	9.7	14.5



#88

Benzo(k)fluoranthene

Concen: 24.81 ng

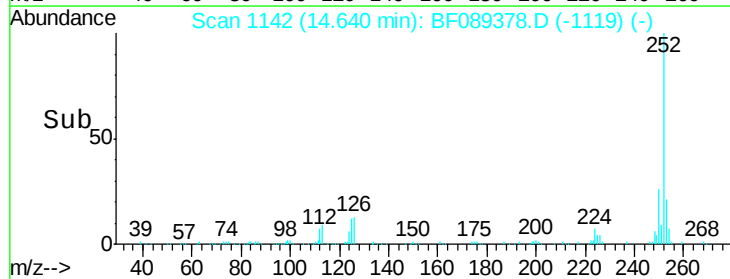
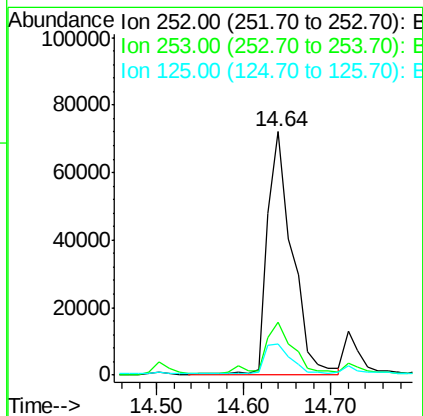
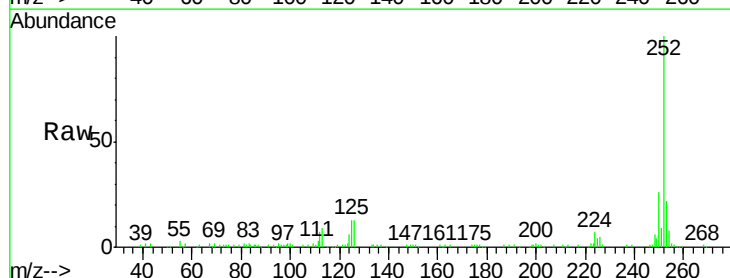
RT: 14.64 min Scan# 1142

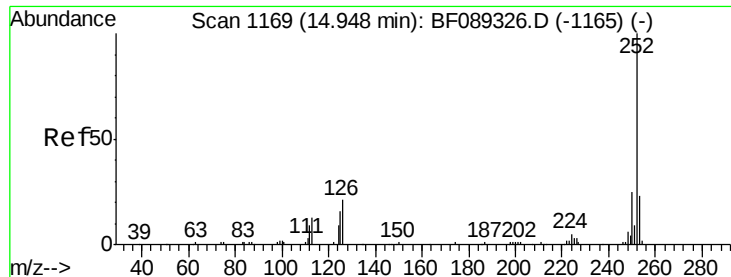
Delta R.T. -0.03 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

Tgt Ion:	252	Resp:	143312
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.8
125	12.9	10.7	16.1





#89

Benzo(a)pyrene

Concen: 9.53 ng

RT: 14.88 min Scan# 1163

Delta R.T. -0.07 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

Instrument :

BNA_F

ClientSampleId :

SB-40-2.5-3.5

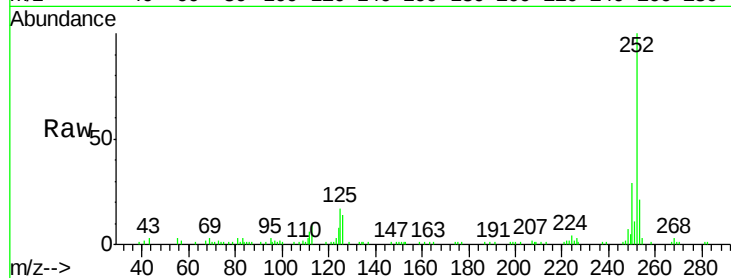
Tgt Ion:252 Resp: 53712

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

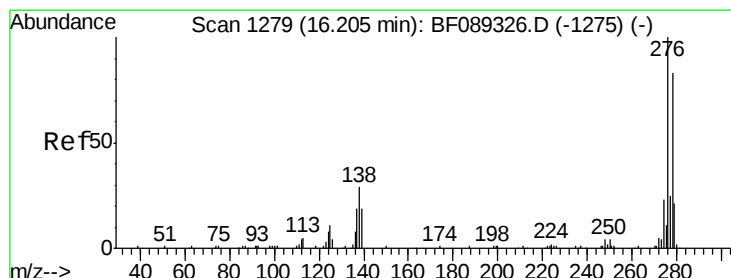
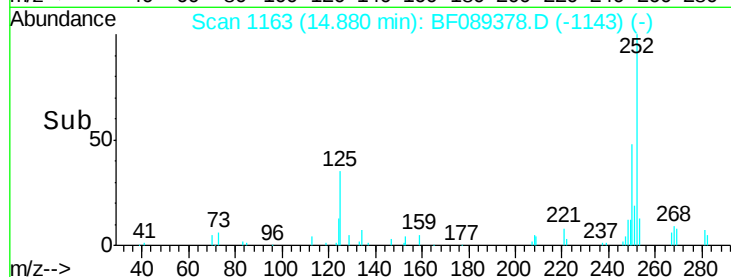
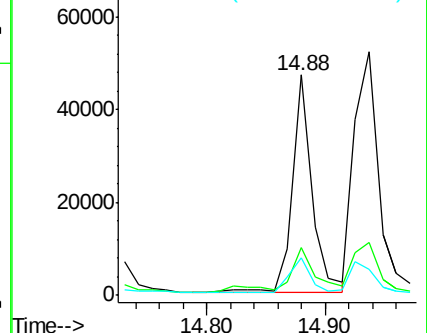
125 17.0 12.4 18.6



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



#90

Dibenzo(a,h)anthracene

Concen: 3.33 ng

RT: 16.18 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF089378.D

Acq: 28 Jul 2016 22:43

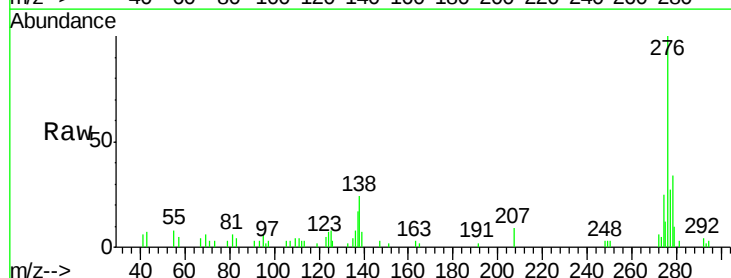
Tgt Ion:278 Resp: 14777

Ion Ratio Lower Upper

278 100

139 21.1 16.3 24.5

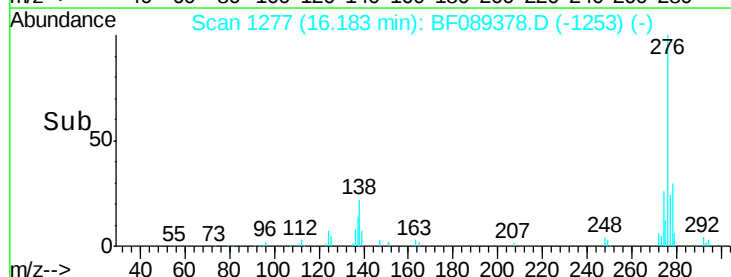
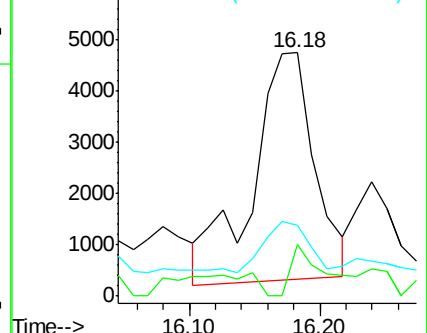
279 28.9 19.1 28.7#

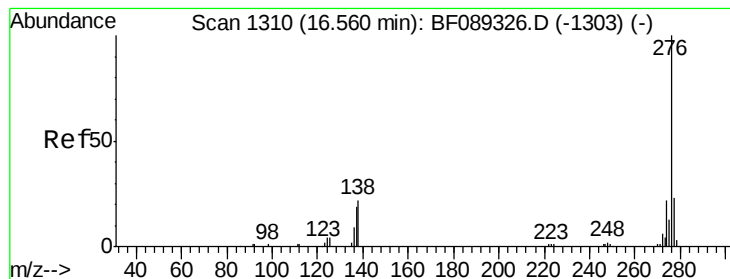


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 10.73 ng

RT: 16.53 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF089378.D

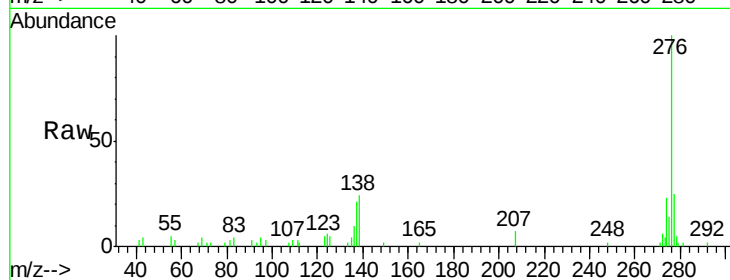
Acq: 28 Jul 2016 22:43

Instrument :

BNA_F

ClientSampleId :

SB-40-2.5-3.5



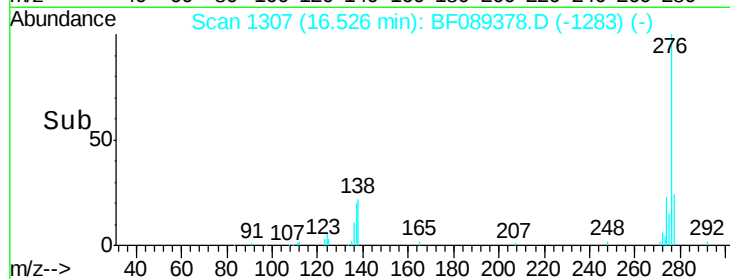
Tgt Ion: 276 Resp: 46815

Ion Ratio Lower Upper

276 100

277 25.1 18.6 28.0

138 23.7 21.4 32.0



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

