

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094828.D
 Acq On : 3 May 2017 11:00
 Operator : SJ/MA
 Sample : I2921-06 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-ESW

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:45:24 PM

Quant Time: May 03 12:04:46 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	72601	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	286213	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	119662	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	173539	20.00	ng	0.00
75) Chrysene-d12	18.64	240	152865	20.00	ng	-0.01
86) Perylene-d12	20.31	264	131819	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	112635	25.87	ng	0.00
7) Phenol-d6	7.27	99	142524	27.28	ng	-0.01
23) Nitrobenzene-d5	8.62	82	78007	17.19	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	20075	20.48	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	151345	18.20	ng	-0.01
78) Terphenyl-d14	17.30	244	102237	14.73	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	121	0.057	ng	# 21
10) Phenol	7.29	94	1432	0.260	ng	# 1
15) Benzyl Alcohol	7.96	79	1393	0.415	ng	# 55
25) Isophorone	8.85	82	108	0.013	ng	# 67
31) Naphthalene	9.78	128	35481	2.467	ng	97
33) 4-Chloroaniline	9.78	127	4524	0.844	ng	# 32
37) 2-Methylnaphthalene	10.91	142	10149	1.075	ng	96
45) 1,1'-Biphenyl	11.68	154	2816	0.280	ng	81
48) Acenaphthylene	12.35	152	3327	0.261	ng	# 92
49) Dimethylphthalate	12.22	163	14312	1.457	ng	# 95
51) Acenaphthene	11.68	154	2816	0.280	ng	# 31
54) Dibenzofuran	12.92	168	21900	2.079	ng	95
57) Fluorene	13.47	166	22729	2.482	ng	99
59) Diethylphthalate	13.36	149	375	0.040	ng	# 60
62) Azobenzene	13.88	77	125	0.017	ng	# 1
65) n-Nitrosodiphenylamine	13.69	169	113	0.018	ng	# 1
70) Phenanthrene	15.01	178	246947	24.766	ng	97
71) Anthracene	15.09	178	52424	5.147	ng	95
72) Carbazole	15.38	167	19677	2.123	ng	97
73) Di-n-butylphthalate	15.95	149	11992	1.038	ng	# 93
74) Fluoranthene	16.75	202	218707	21.383	ng	97
77) Pyrene	17.05	202	177185	15.498	ng	95
80) Benzo(a)anthracene	18.63	228	78176	8.787	ng	98
81) 3,3'-Dichlorobenzidine	18.71	252	450	0.146	ng	# 1
82) Chrysene	18.67	228	70333	8.176	ng	99
83) Bis(2-ethylhexyl)phthalate	18.71	149	1464	0.193	ng	# 92
84) Di-n-octyl phthalate	19.71	149	246	0.020	ng	# 1
85) Indeno(1,2,3-cd)pyrene	21.60	276	24694	3.535	ng	97
87) Benzo(b)fluoranthene	19.90	252	74615m	9.161	ng	
88) Benzo(k)fluoranthene	19.93	252	28235m	3.594	ng	
89) Benzo(a)pyrene	20.25	252	53038	7.057	ng	97
90) Dibenzo(a,h)anthracene	21.44	278	4993	0.804	ng	96
91) Benzo(g,h,i)perylene	21.97	276	20632	3.387	ng	96

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-V9-ESW

Manual Integrations
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Quant Time: May 03 12:04:46 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 17:18:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

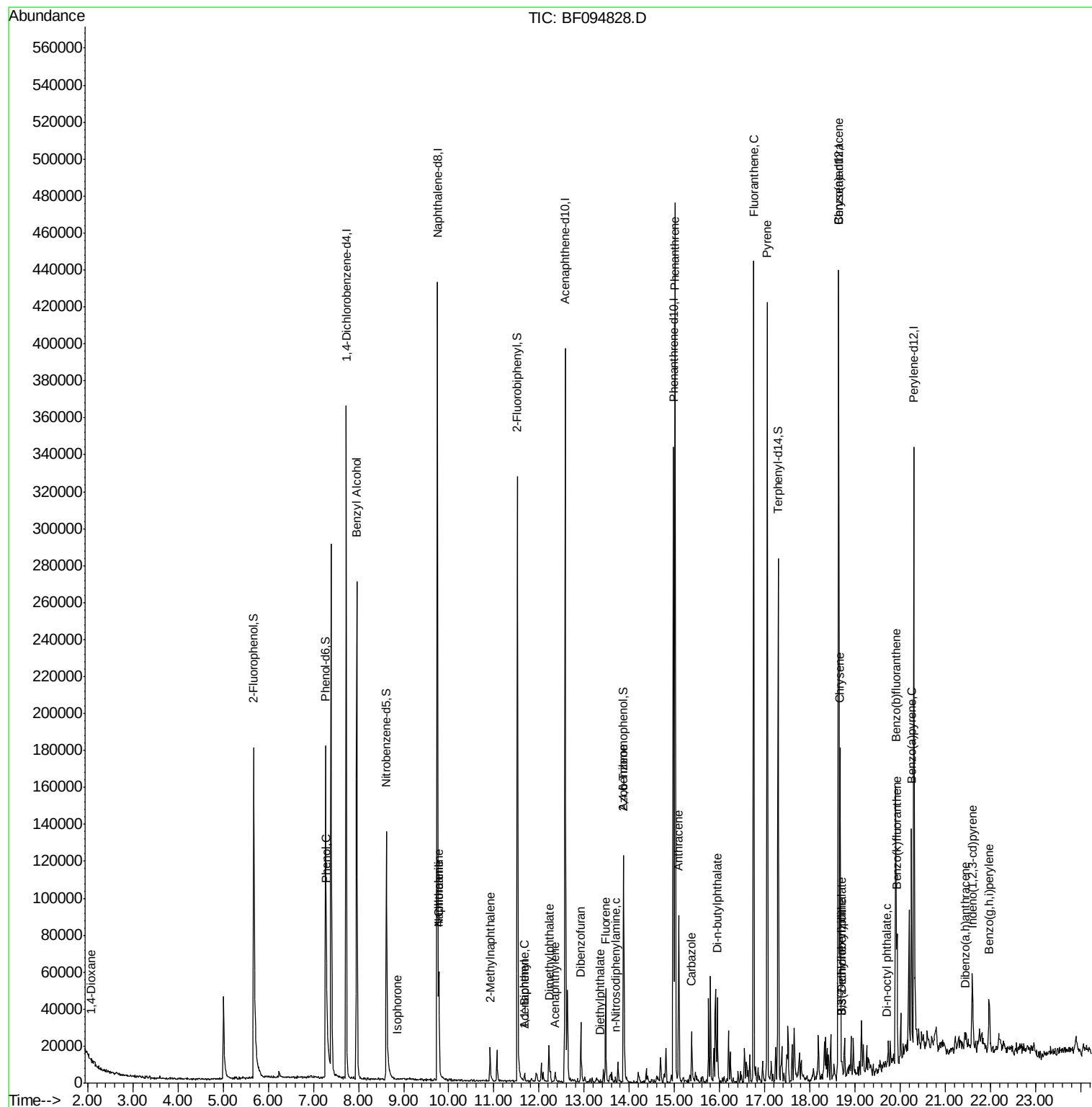
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
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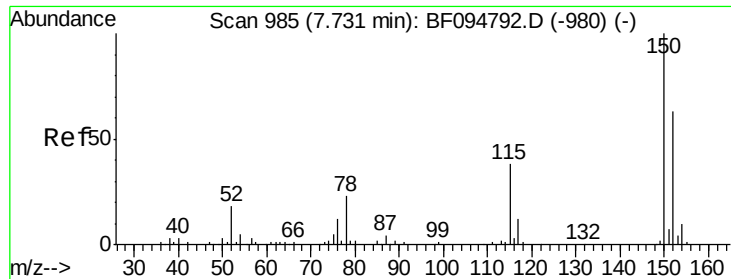
Instrument :
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#1

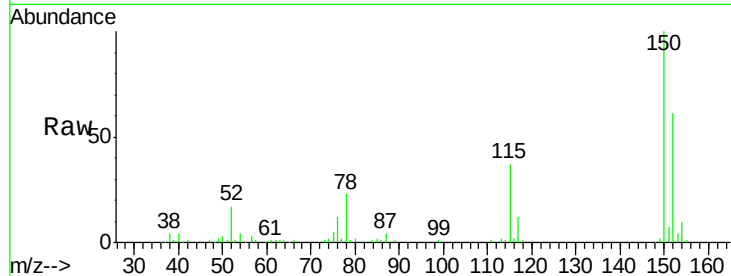
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Instrument :
BNA_F
ClientSampleId :
E2-V9-ESW

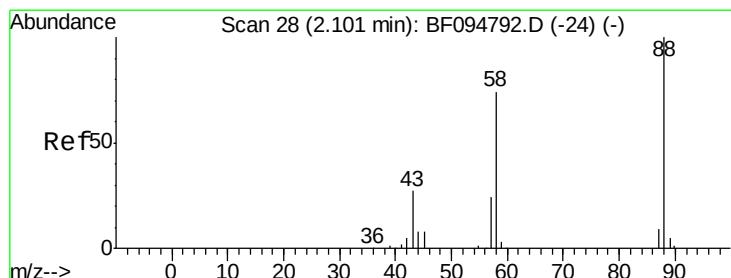
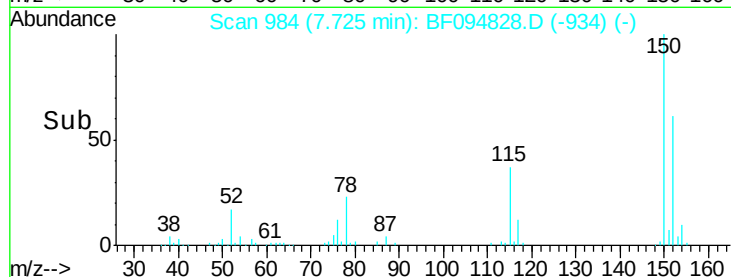
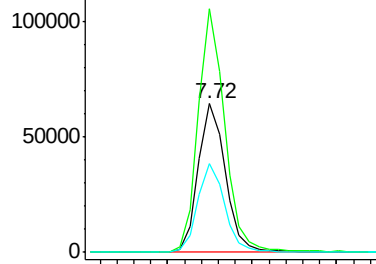
Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.6	126.2	189.2
115	59.9	52.2	78.2

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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

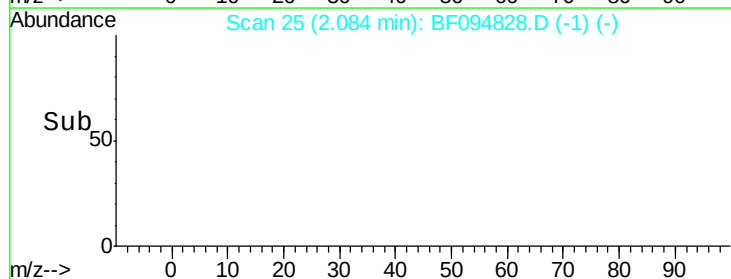
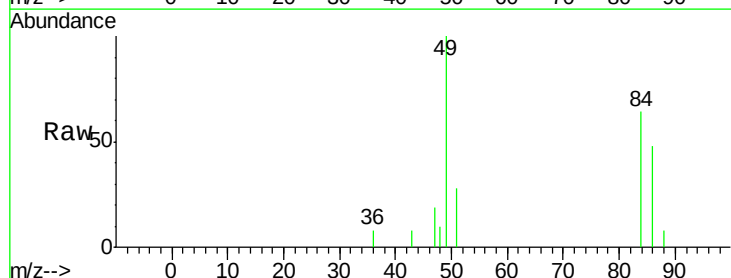
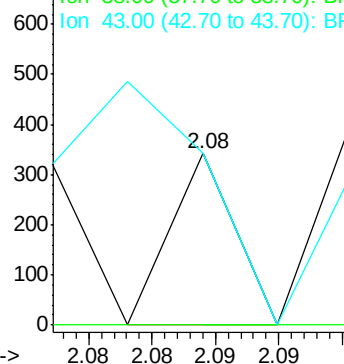


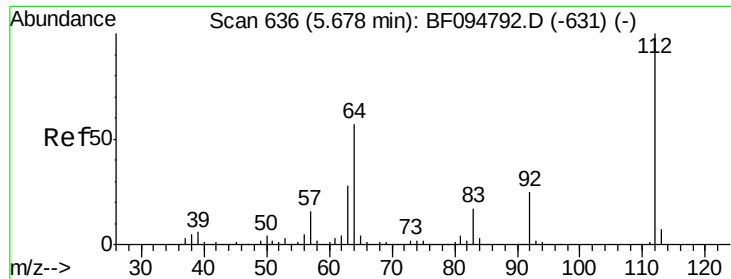
#2

1,4-Dioxane
Concen: 0.057 ng
RT: 2.08 min Scan# 25
Delta R.T. -0.02 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	0.0	23.4	35.0#

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





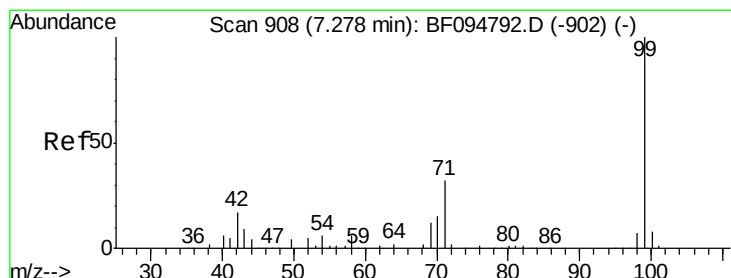
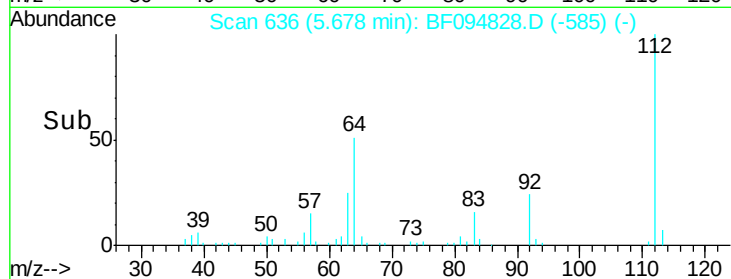
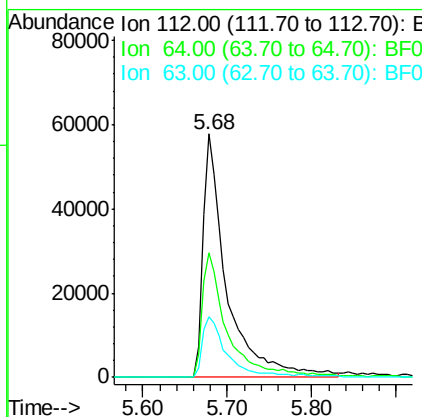
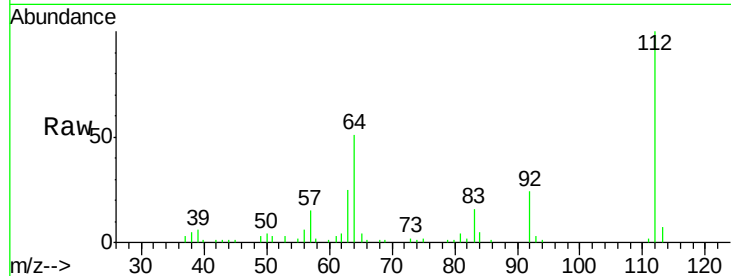
#5
2-Fluorophenol
Concen: 25.866 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Instrument :
BNA_F
ClientSampleId :
E2-V9-ESW

Tgt Ion:	112	Resp:	112635
Ion Ratio	Lower	Upper	
112	100		
64	51.3	46.0	69.0
63	24.9	23.4	35.0

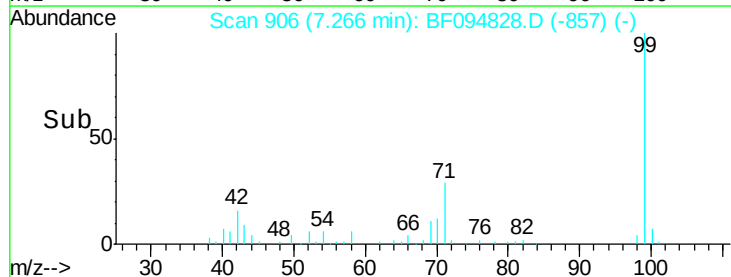
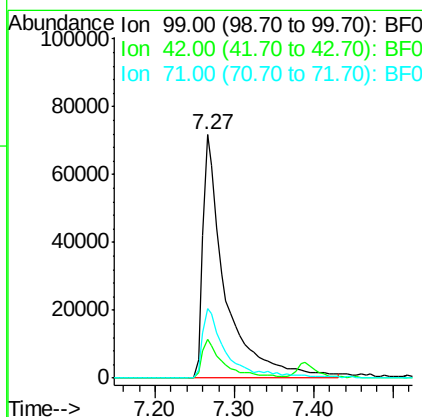
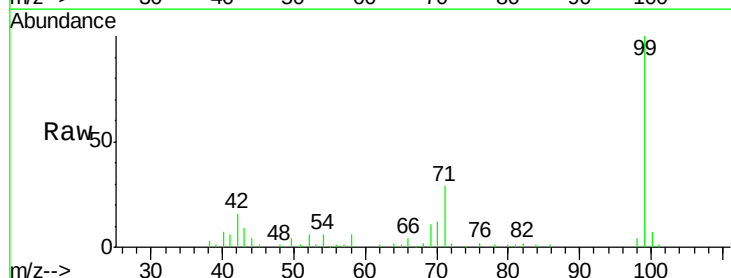
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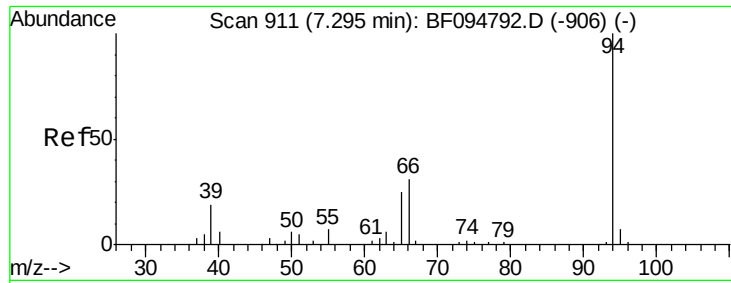
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#7
Phenol-d6
Concen: 27.278 ng
RT: 7.27 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Tgt Ion:	99	Resp:	142524
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.5	20.3
71	28.8	24.5	36.7





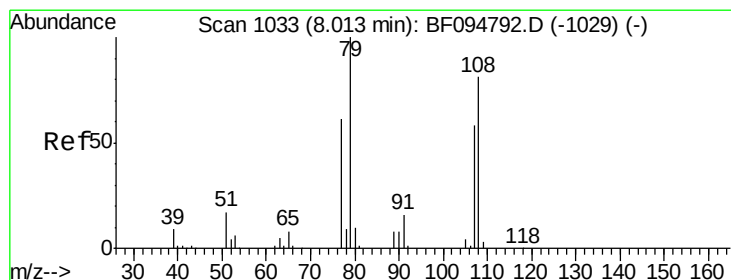
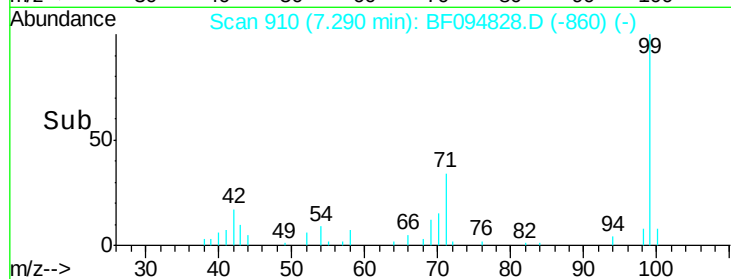
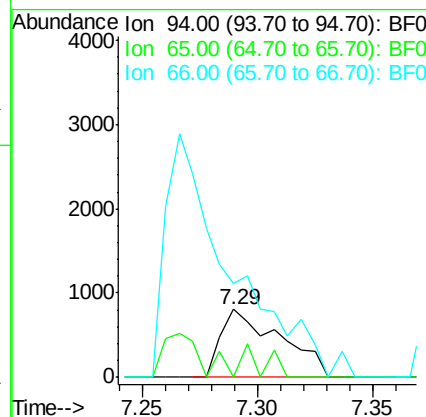
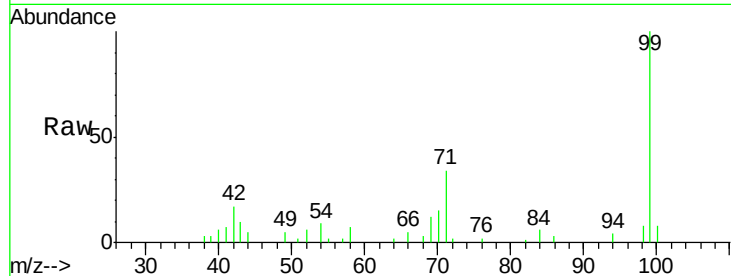
#10
Phenol
Concen: 0.260 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Instrument :
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E2-V9-ESW

Tgt Ion	Ratio	Lower	Upper
94	100		
65	0.0	9.9	49.9#
66	138.5	23.1	63.1#

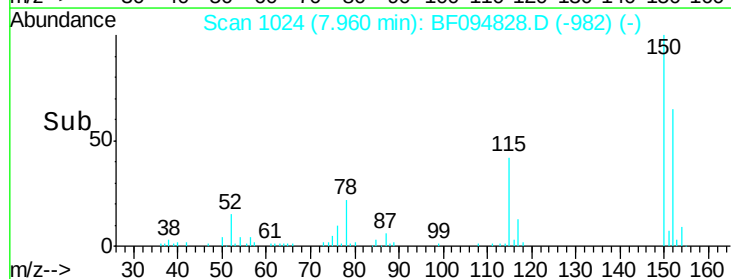
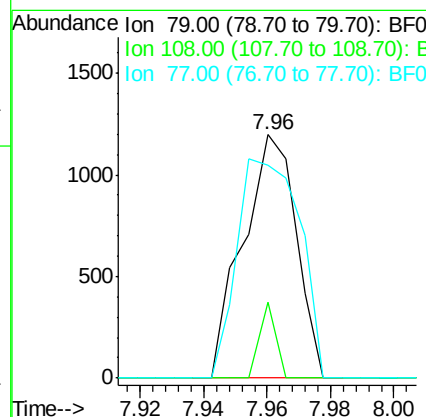
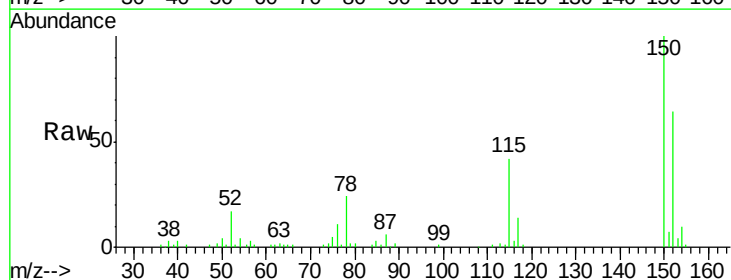
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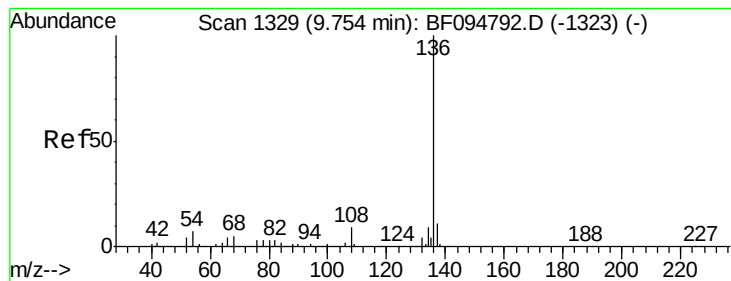
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#15
Benzyl Alcohol
Concen: 0.415 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Lower	Upper
79	100		
108	31.2	63.4	95.0#
77	87.2	49.2	73.8#





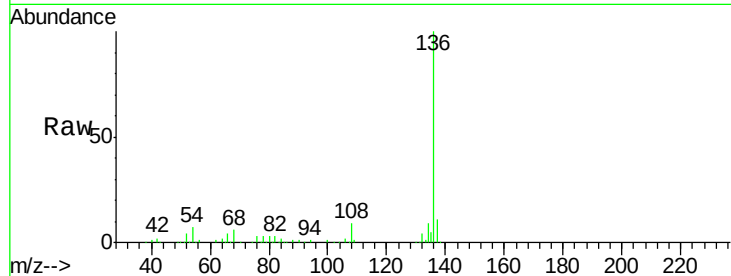
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Instrument :
BNA_F
ClientSampleId :
E2-V9-ESW

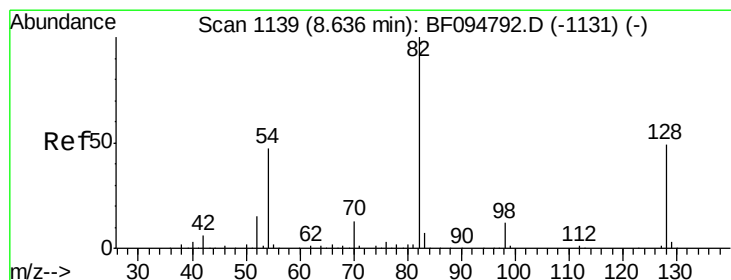
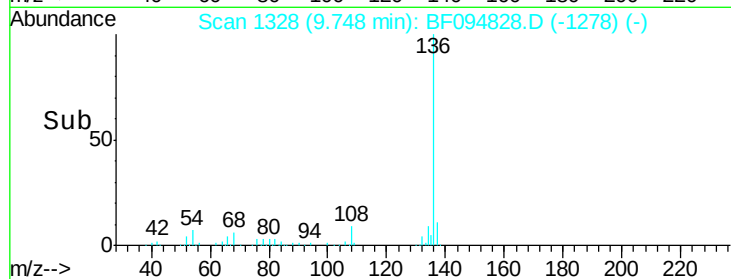
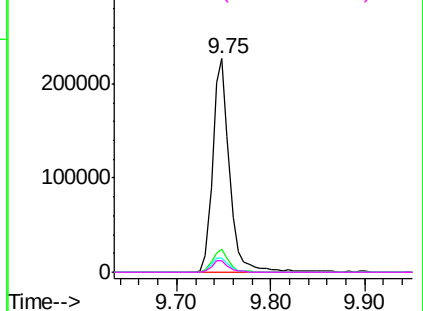
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	286213		
137	10.7	8.5	12.7	
54	6.8	4.9	7.3	
68	5.6	4.1	6.1	

Manual Integrations
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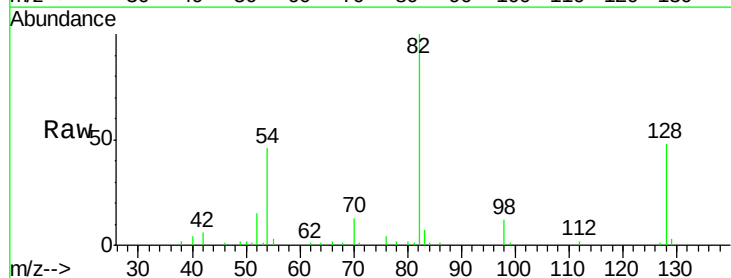


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

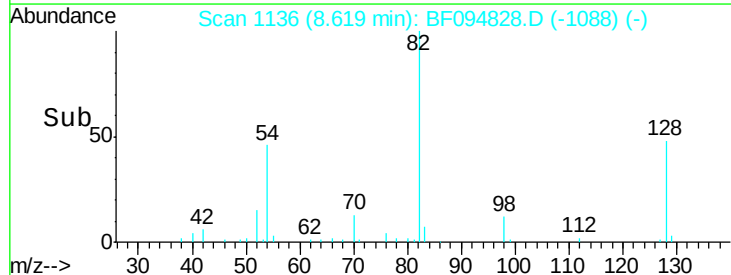
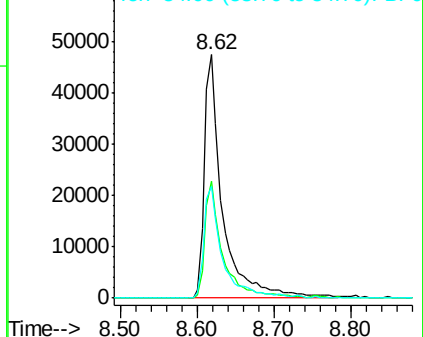


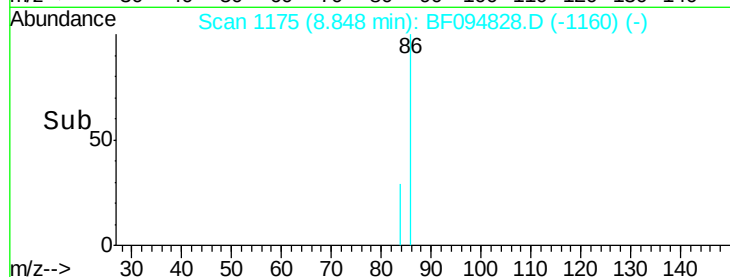
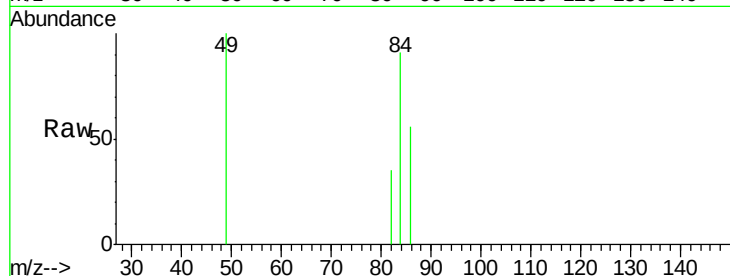
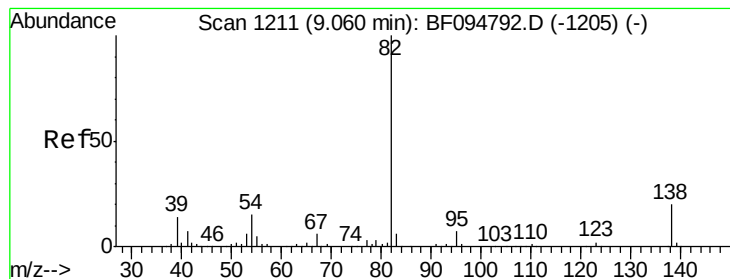
#23
Nitrobenzene-d5
Concen: 17.187 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	78007		
128	47.9	34.0	51.0	
54	45.9	42.2	63.2	



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: 0.013 ng

RT: 8.85 min Scan# 1175

Delta R.T. -0.21 min

Lab File: BF094828.D

Acq: 3 May 2017 11:00

Tgt Ion:	82	Resp:	108
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

Instrument :

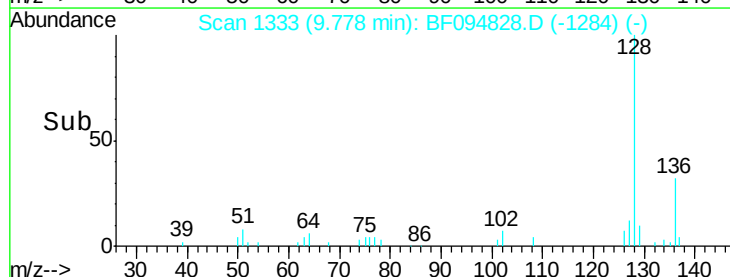
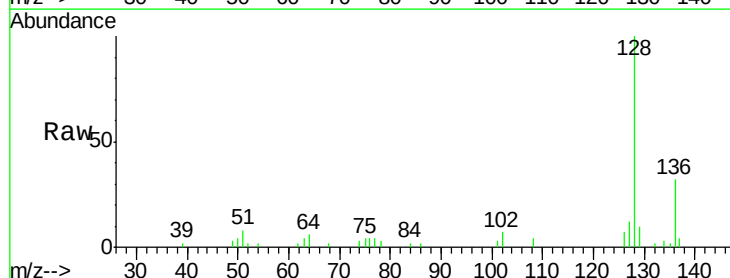
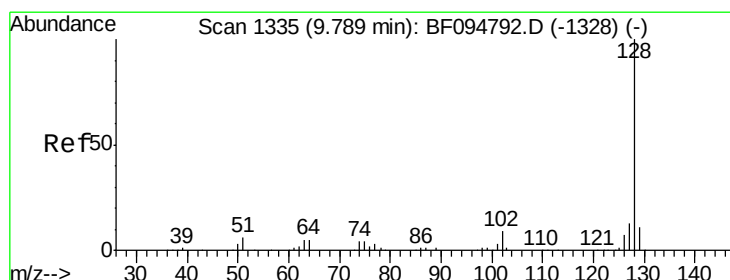
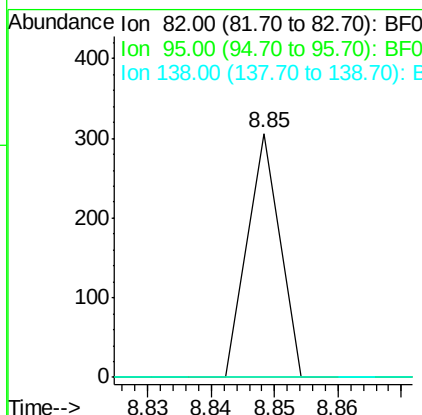
BNA_F

ClientSampleId :

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#31

Naphthalene

Concen: 2.467 ng

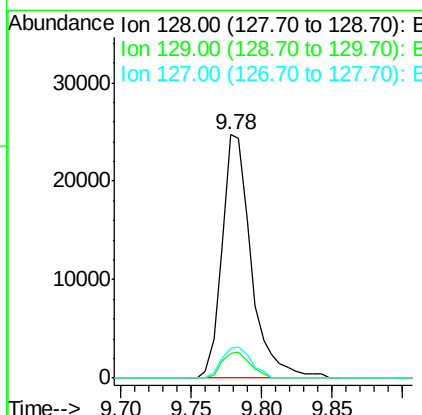
RT: 9.78 min Scan# 1333

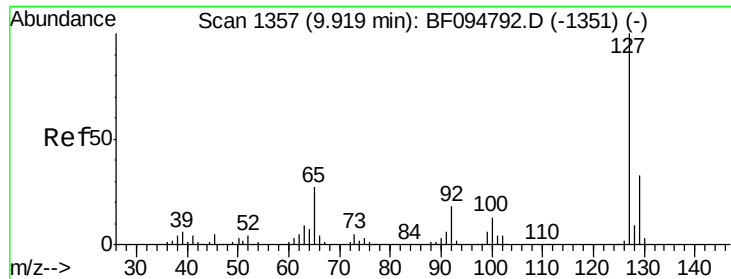
Delta R.T. -0.01 min

Lab File: BF094828.D

Acq: 3 May 2017 11:00

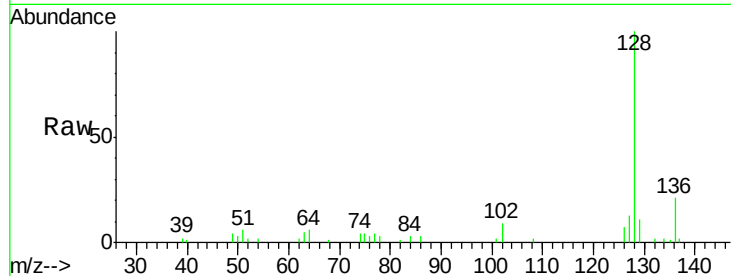
Tgt Ion:	128	Resp:	35481
Ion Ratio	Lower	Upper	
128	100		
129	10.0	9.0	13.6
127	12.3	10.8	16.2





#33
 4-Chloroaniline
 Concen: 0.844 ng
 RT: 9.78 min Scan# 1334
 Delta R.T. -0.14 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

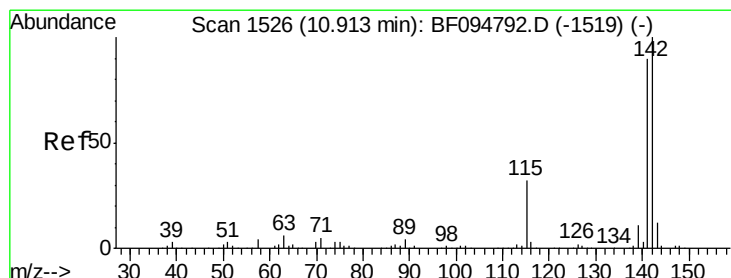
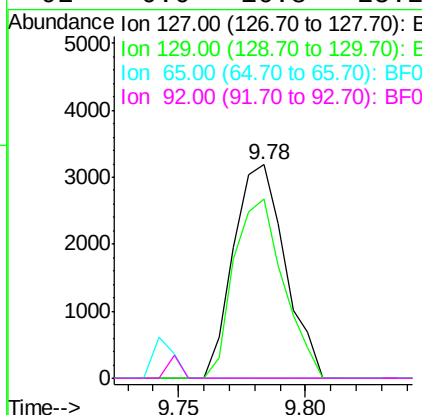
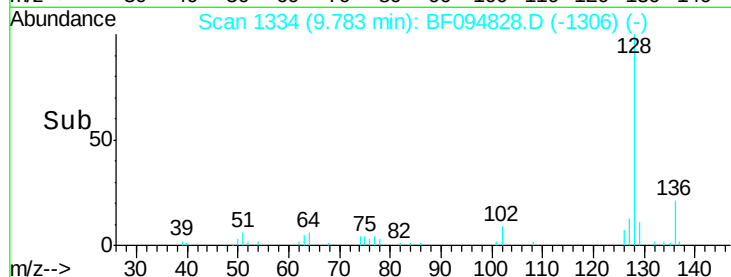
Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-ESW



Tgt Ion:	127	Resp:	4524
Ion Ratio	Lower	Upper	
127	100		
129	83.7	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

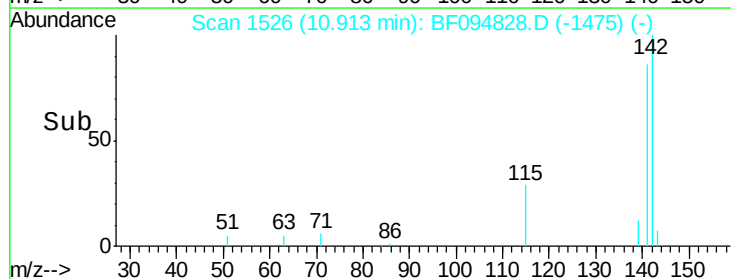
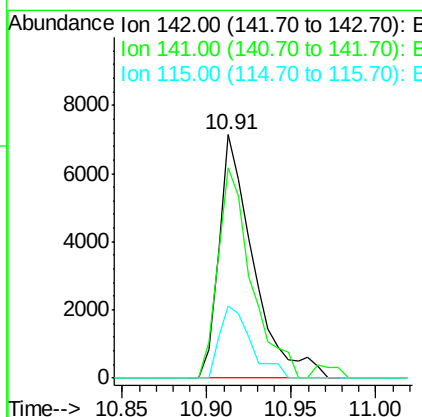
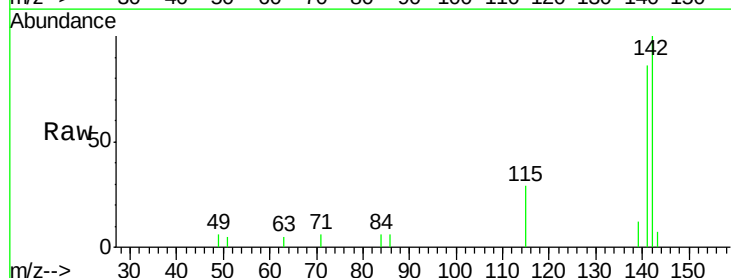
Manual Integrations
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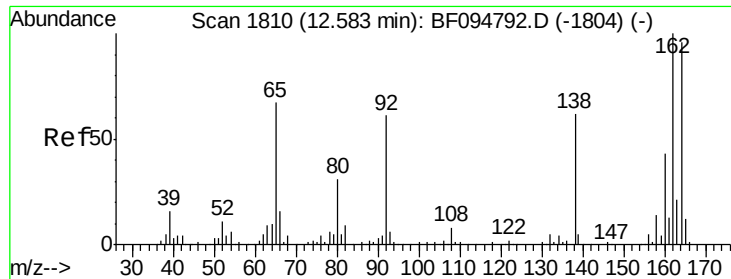
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#37
 2-Methylnaphthalene
 Concen: 1.075 ng
 RT: 10.91 min Scan# 1526
 Delta R.T. 0.00 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Tgt Ion:	142	Resp:	10149
Ion Ratio	Lower	Upper	
142	100		
141	86.4	71.3	106.9
115	29.5	27.1	40.7





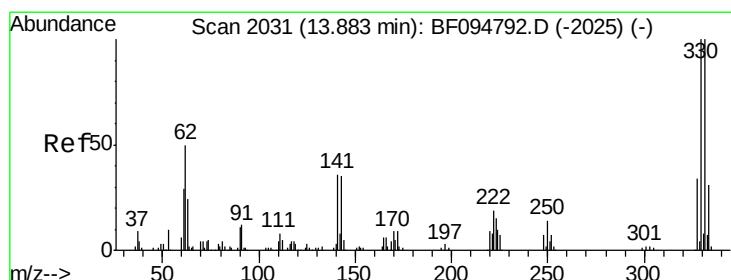
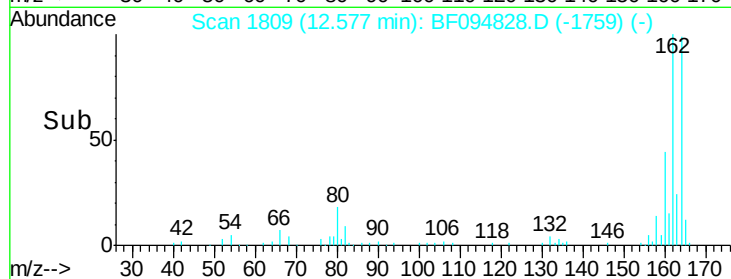
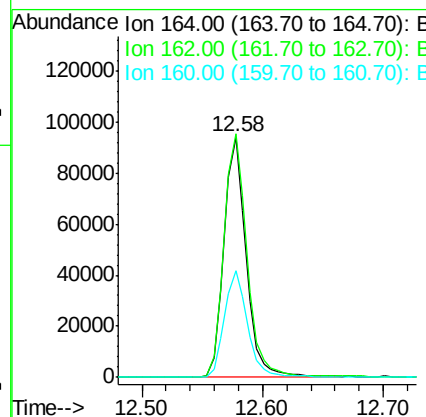
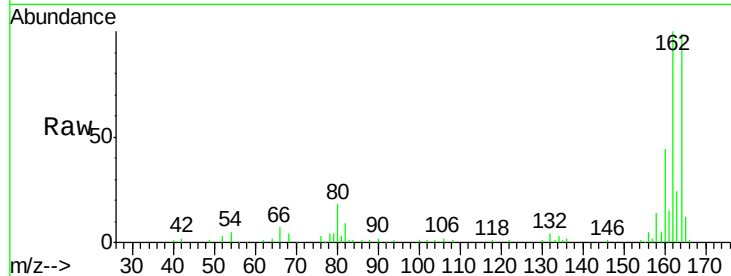
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Instrument :
BNA_F
ClientSampleId :
E2-V9-ESW

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119662		
162	101.5	82.6	123.8	
160	44.2	36.2	54.2	

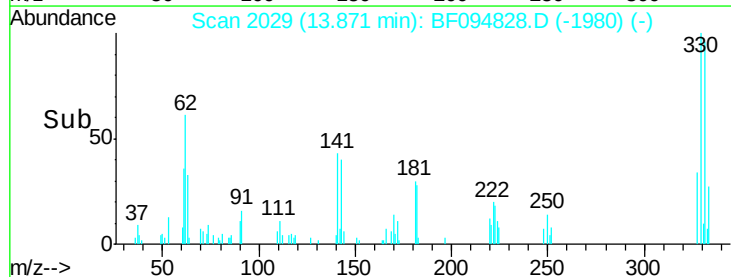
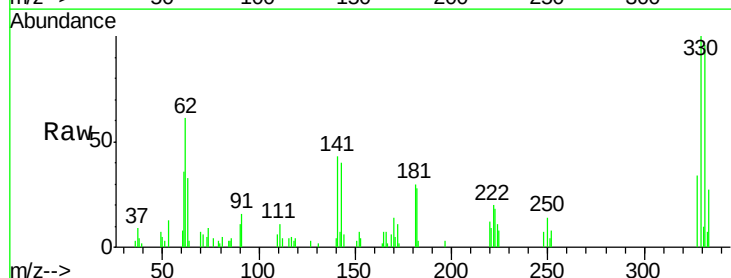
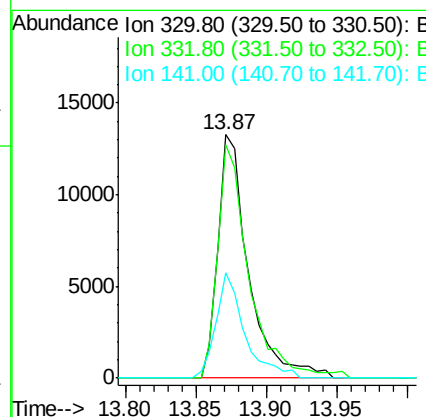
Manual Integrations
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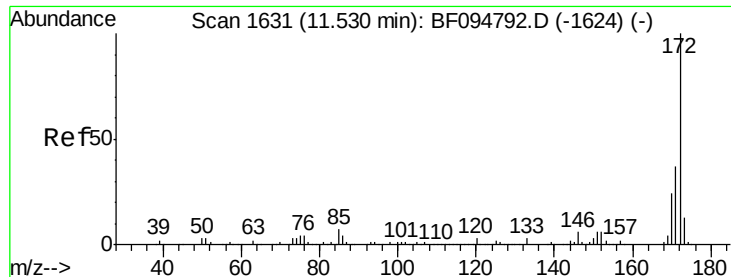
mohammad
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#41
2,4,6-Tribromophenol
Concen: 20.485 ng
RT: 13.87 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	20075		
332	98.0	76.6	115.0	
141	40.6	31.4	47.2	





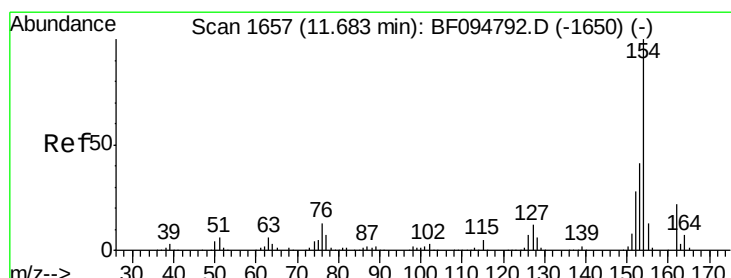
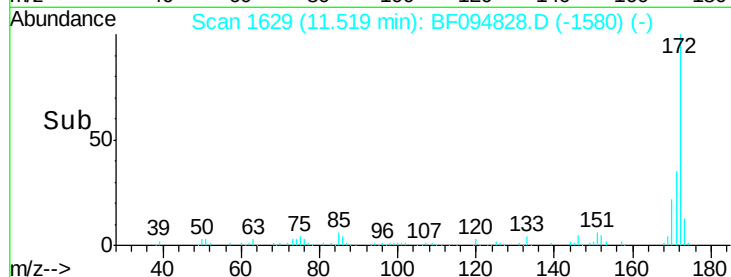
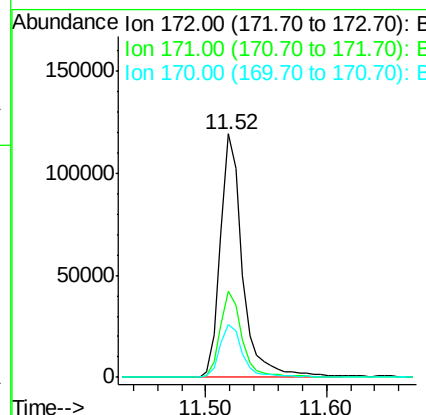
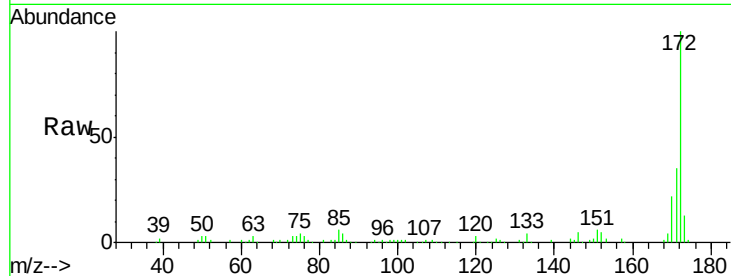
#44
2-Fluorobiphenyl
Concen: 18.204 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Instrument :
BNA_F
ClientSampleId :
E2-V9-ESW

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	151345		
171	35.3	29.6	44.4	
170	21.9	19.8	29.8	

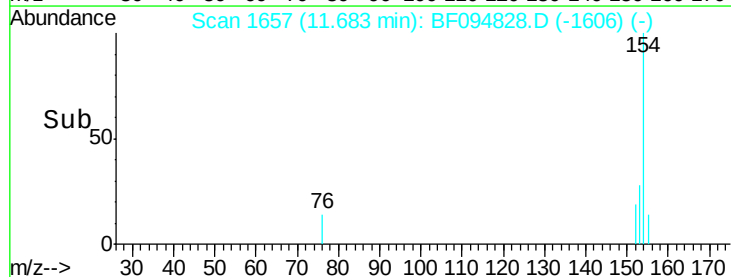
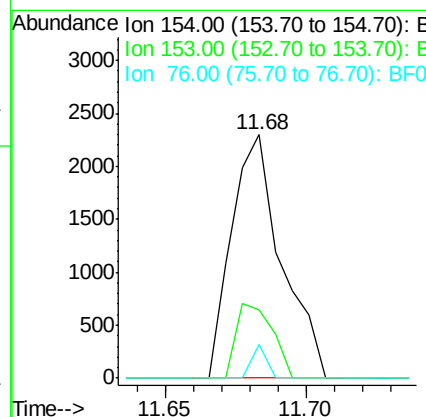
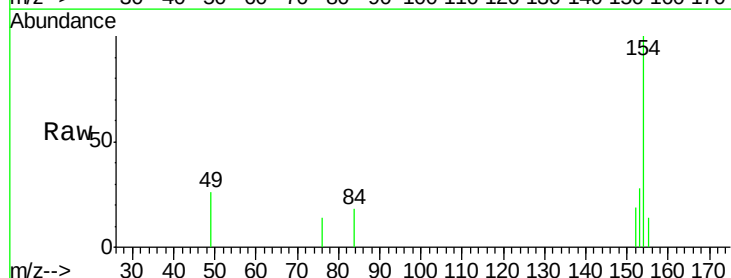
Manual Integrations
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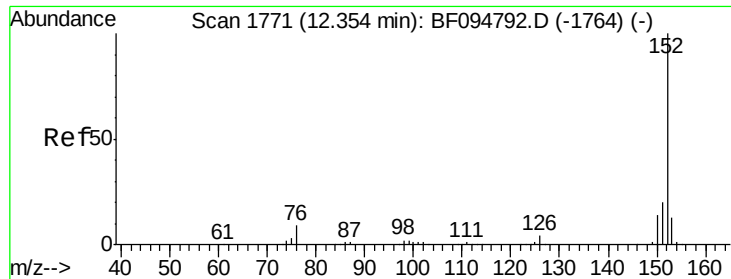
mohammad
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#45
1,1'-Biphenyl
Concen: 0.280 ng
RT: 11.68 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2816		
153	28.3	21.2	61.2	
76	13.6	0.0	29.9	





#48

Acenaphthylene

Concen: 0.261 ng

RT: 12.35 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BF094828.D

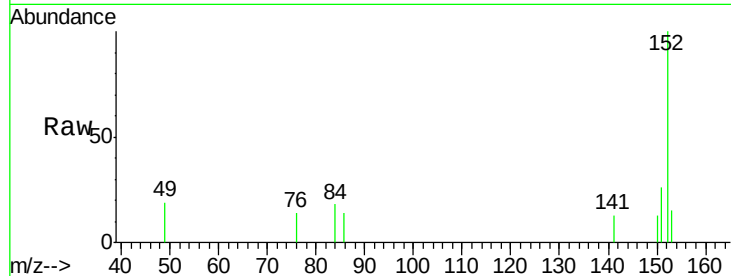
Acq: 3 May 2017 11:00

Instrument :

BNA_F

ClientSampleId :

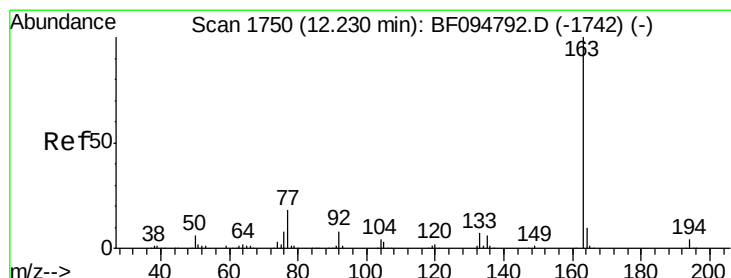
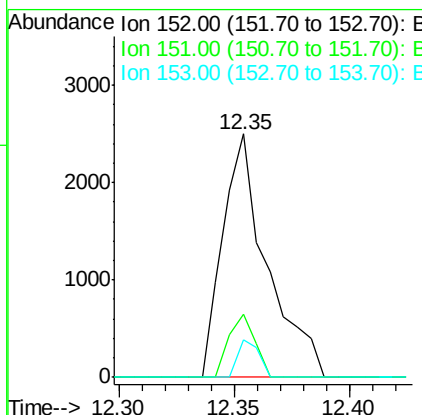
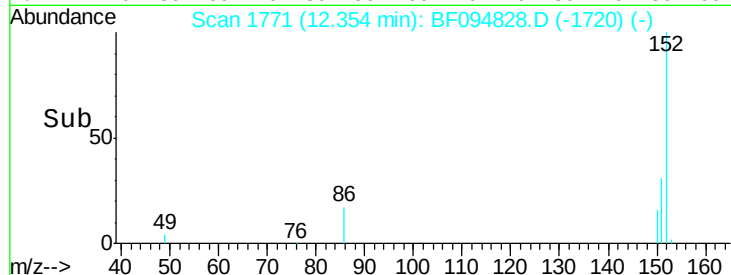
E2-V9-ESW



Tgt Ion:	152	Resp:	3327
Ion Ratio	Lower	Upper	
152	100		
151	25.7	16.8	25.2#
153	15.4	10.8	16.2

Manual Integrations
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#49

Dimethylphthalate

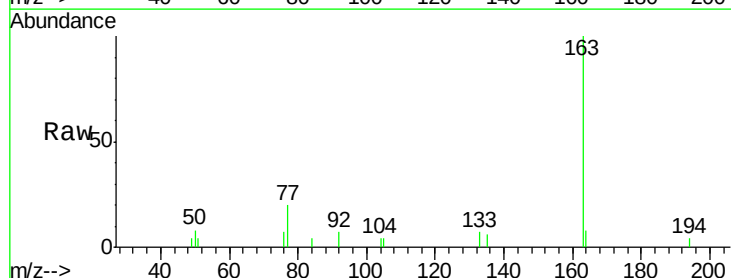
Concen: 1.457 ng

RT: 12.22 min Scan# 1748

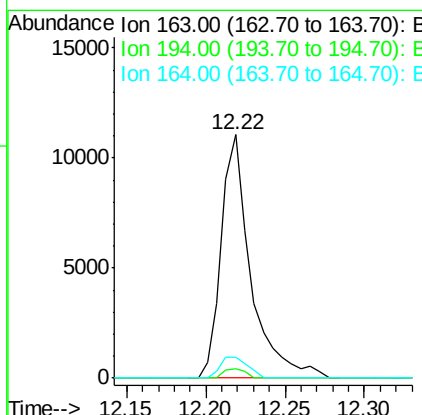
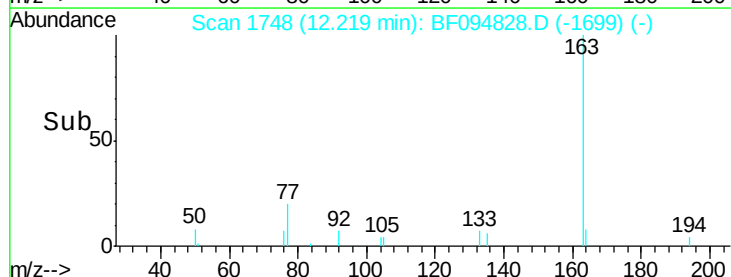
Delta R.T. -0.01 min

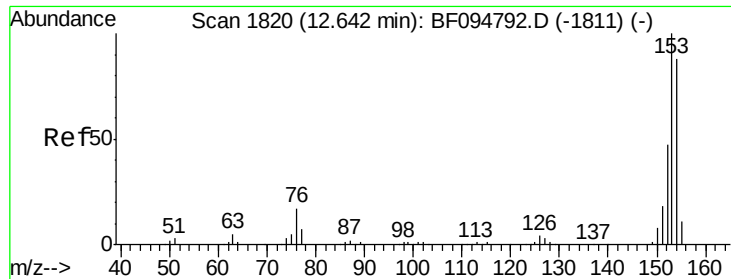
Lab File: BF094828.D

Acq: 3 May 2017 11:00



Tgt Ion:	163	Resp:	14312
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.6	4.0#
164	8.3	8.4	12.6#





#51

Acenaphthene

Concen: 0.280 ng

RT: 11.68 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BF094828.D

Acq: 3 May 2017 11:00

Instrument :

BNA_F

ClientSampleId :

E2-V9-ESW

Tgt Ion:154 Resp: 2816

Ion Ratio Lower Upper

154 100

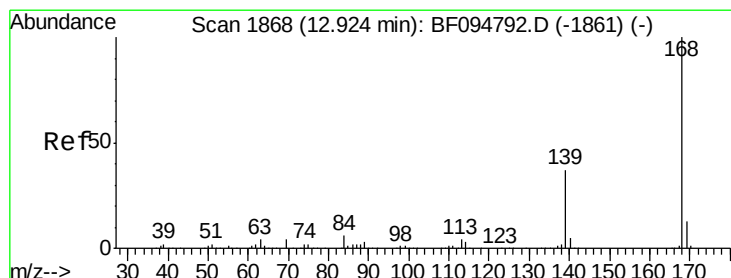
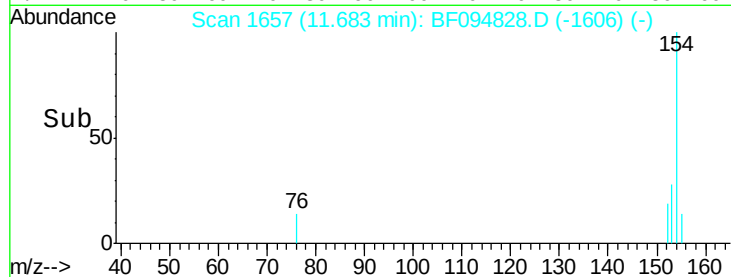
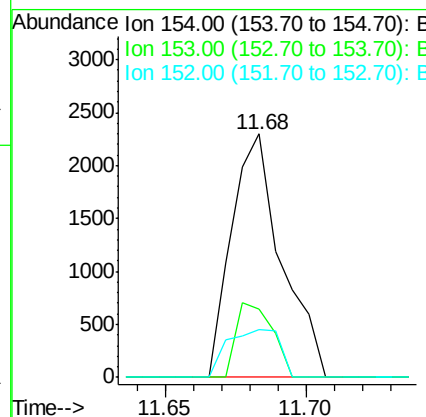
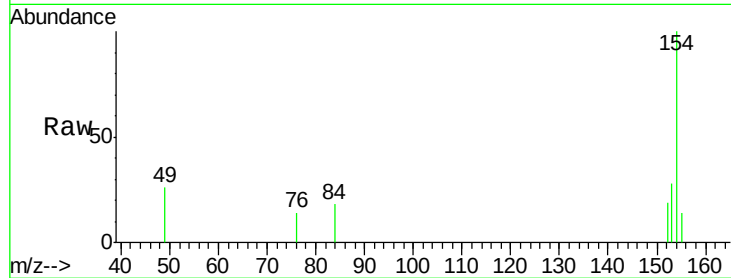
153 28.3 90.5 135.7#

152 19.4 43.6 65.4#

Manual Integrations
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#54

Dibenzofuran

Concen: 2.079 ng

RT: 12.92 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF094828.D

Acq: 3 May 2017 11:00

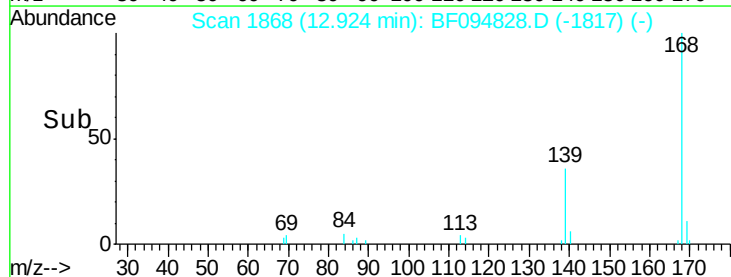
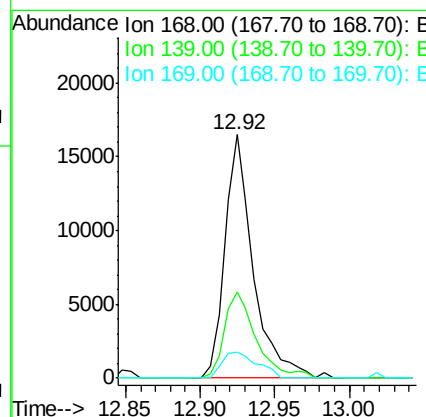
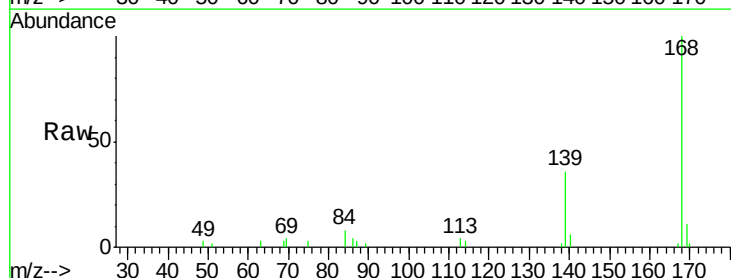
Tgt Ion:168 Resp: 21900

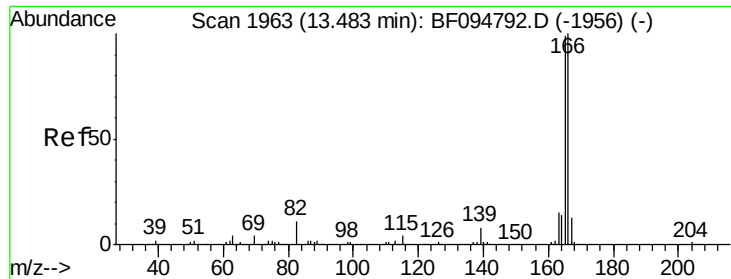
Ion Ratio Lower Upper

168 100

139 35.5 30.6 45.8

169 10.9 10.8 16.2





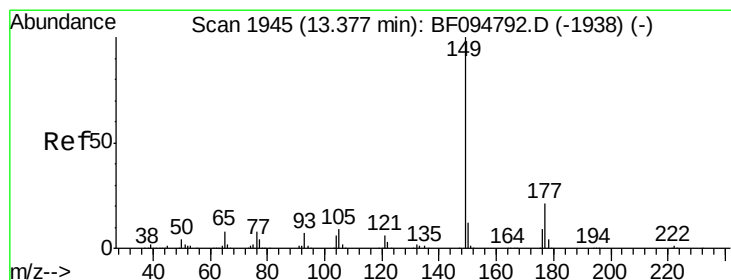
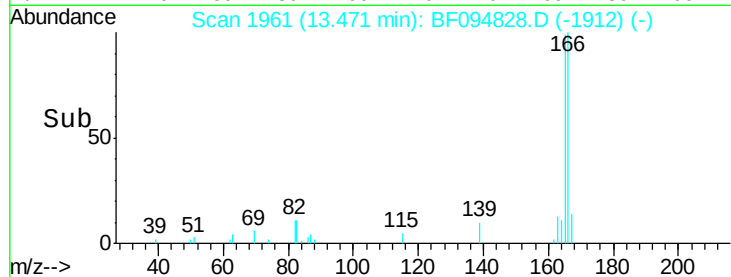
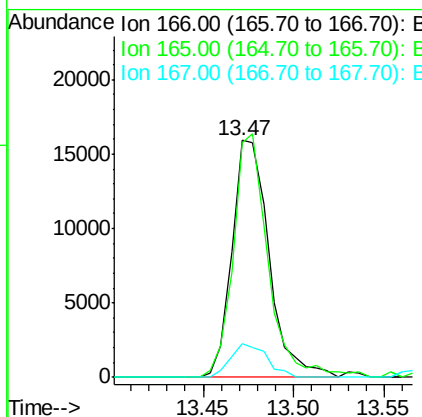
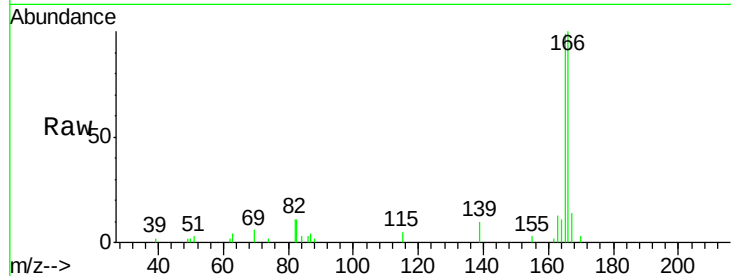
#57
 Fluorene
 Concen: 2.482 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-ESW

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.8	118.2
167	14.5	10.6	16.0

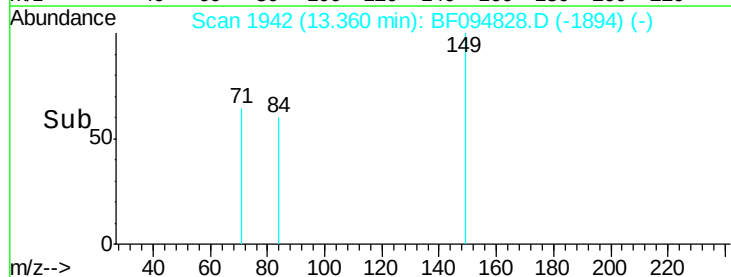
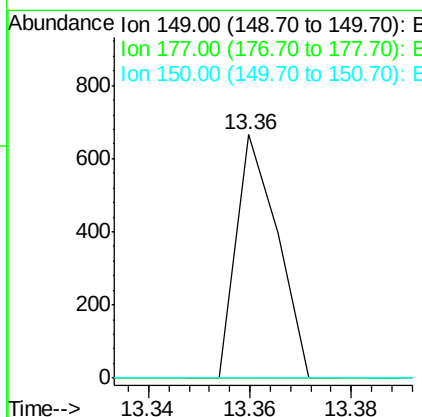
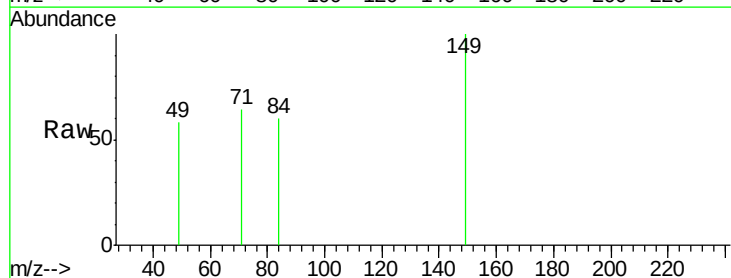
Manual Integrations
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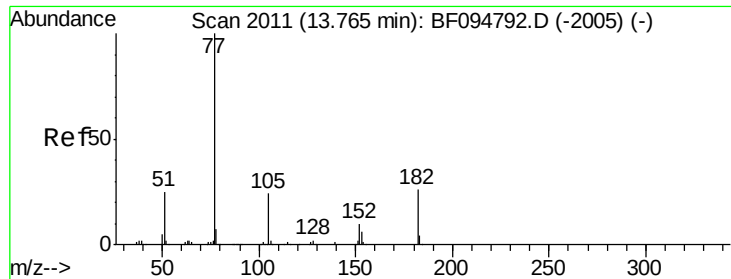
mohammad
 5/4/2017 1:45:24 PM



#59
 Diethylphthalate
 Concen: 0.040 ng
 RT: 13.36 min Scan# 1942
 Delta R.T. -0.02 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.7	25.1#
150	0.0	10.2	15.2#





#62

Azobenzene

Concen: 0.017 ng

RT: 13.88 min Scan# 2030

Delta R.T. 0.11 min

Lab File: BF094828.D

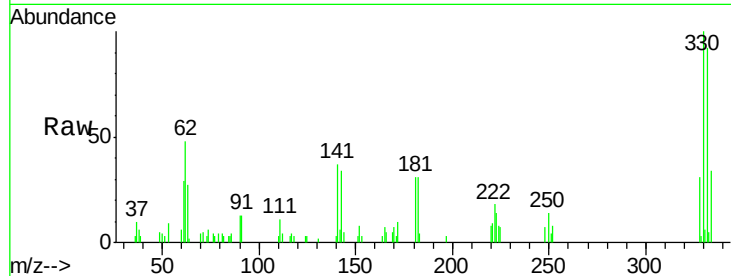
Acq: 3 May 2017 11:00

Instrument :

BNA_F

ClientSampleId :

E2-V9-ESW



Tgt Ion: 77 Resp: 125

Ion Ratio Lower Upper

77 100

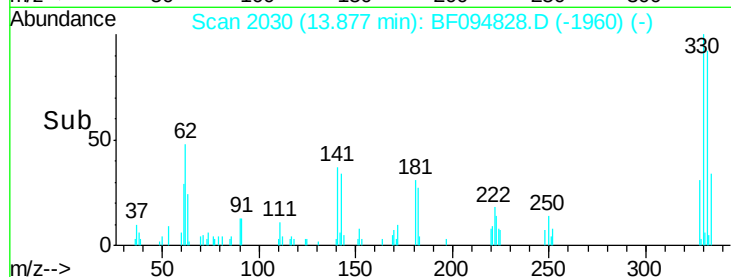
182 1079.4 0.1 40.1

105 0.0 3.6 43.6

51 89.3 9.4 49.4

Manual Integrations
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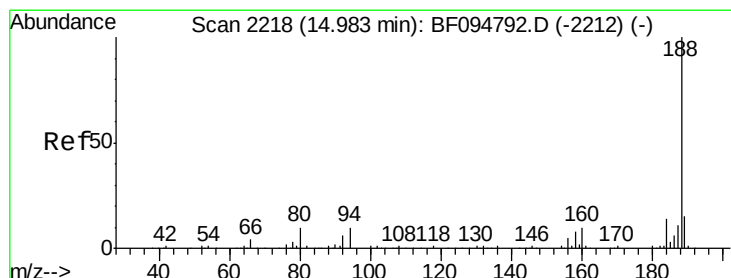
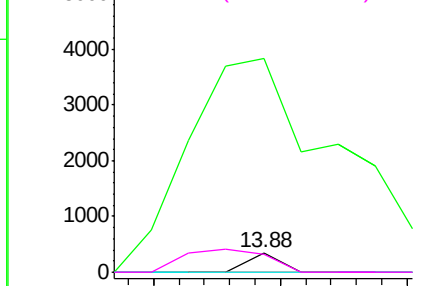


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.98 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF094828.D

Acq: 3 May 2017 11:00

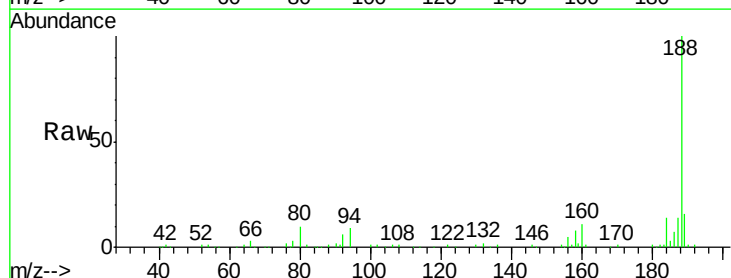
Tgt Ion: 188 Resp: 173539

Ion Ratio Lower Upper

188 100

94 9.5 9.4 14.2

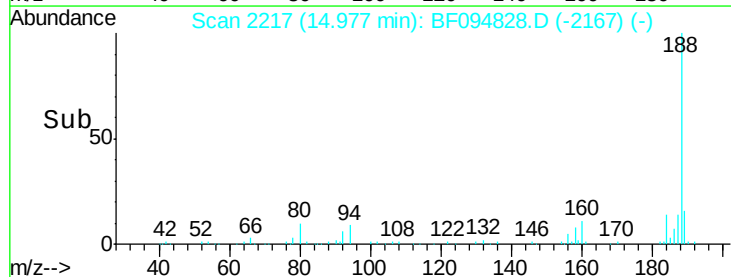
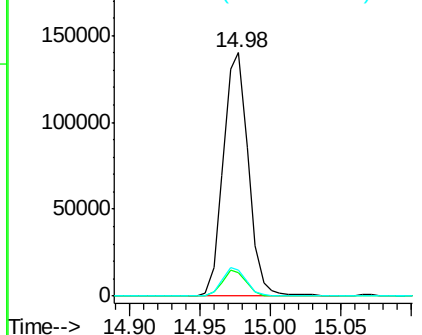
80 10.5 10.2 15.2

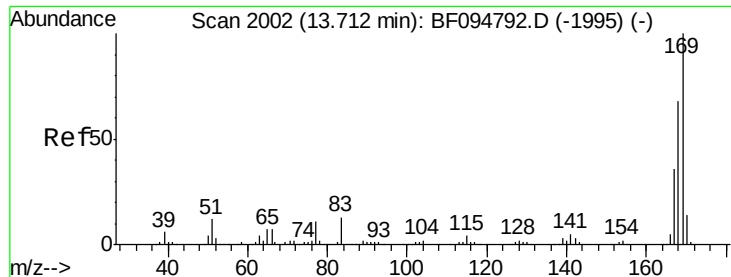


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





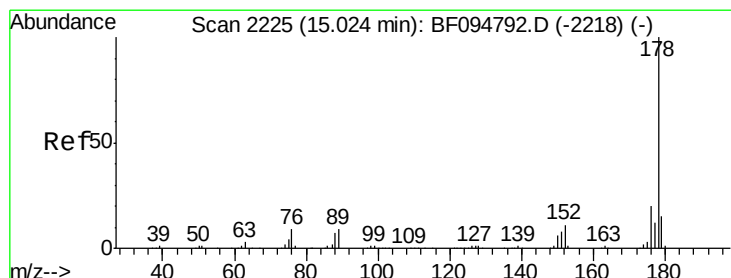
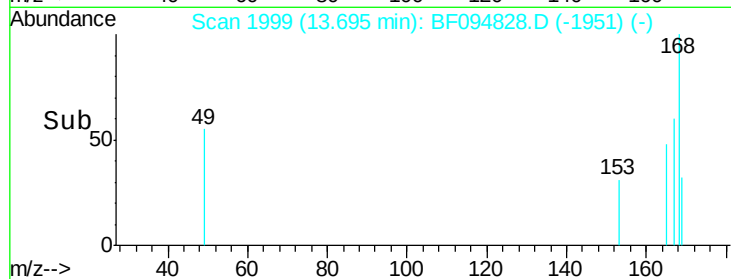
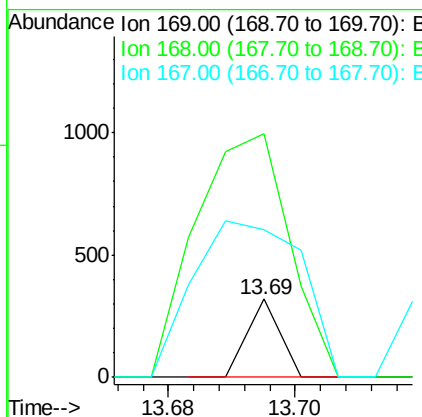
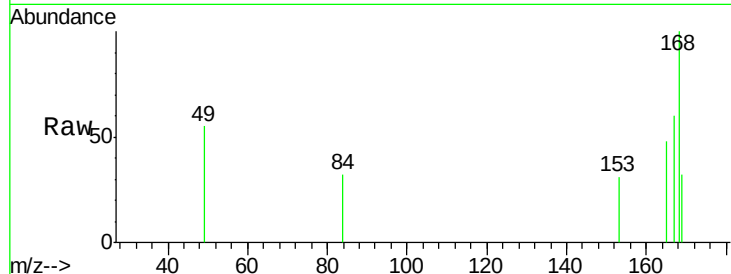
#65
 n-Nitrosodiphenylamine
 Concen: 0.018 ng
 RT: 13.69 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-ESW

Tgt Ion	Ratio	Lower	Upper
169	100		
168	312.2	53.2	79.8#
167	188.7	29.5	44.3#

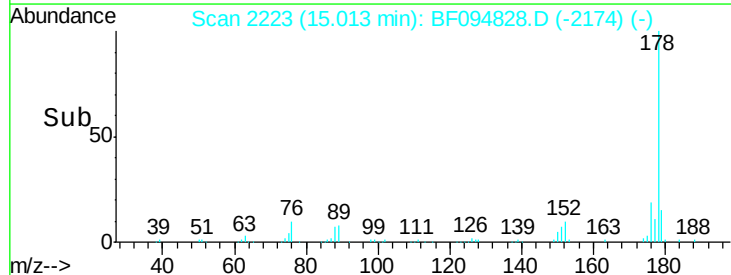
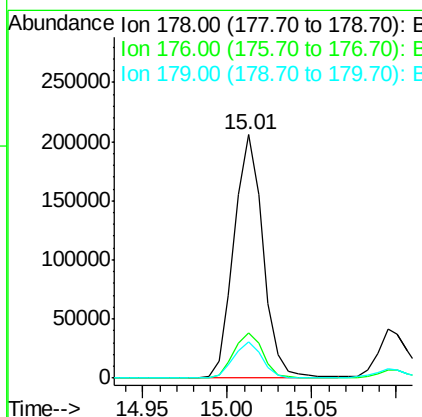
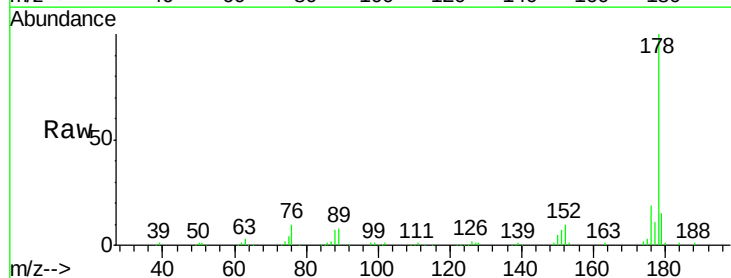
Manual Integrations
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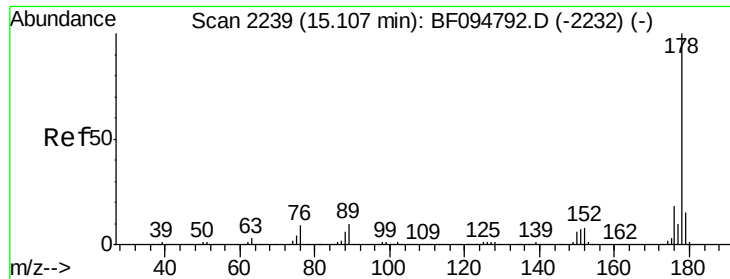
mohammad
 5/4/2017 1:45:24 PM



#70
 Phenanthrene
 Concen: 24.766 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	14.9	12.6	19.0





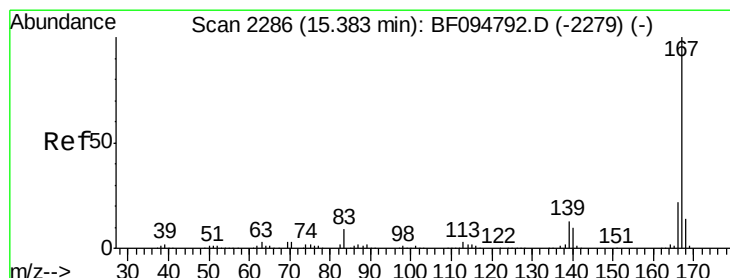
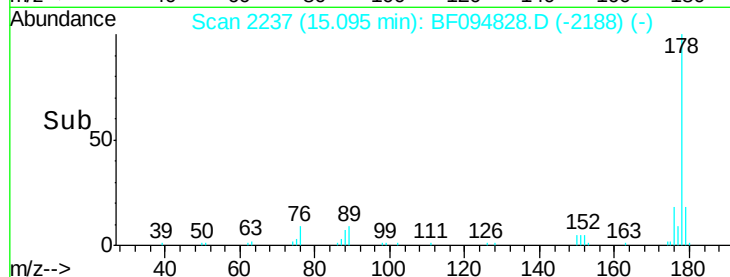
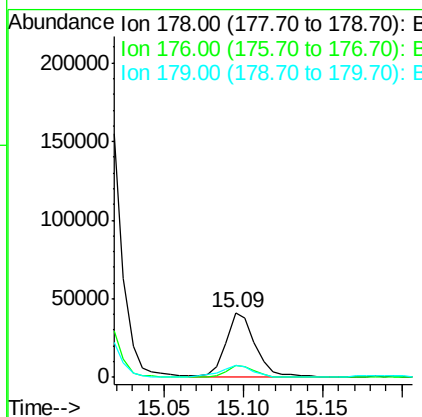
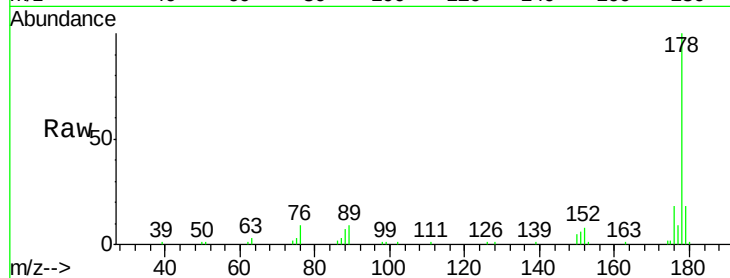
#71
 Anthracene
 Concen: 5.147 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-ESW

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	18.3	12.7	19.1

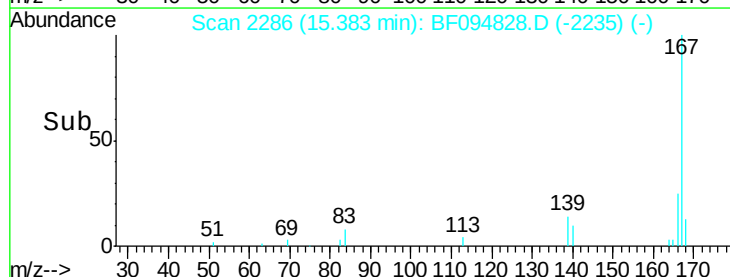
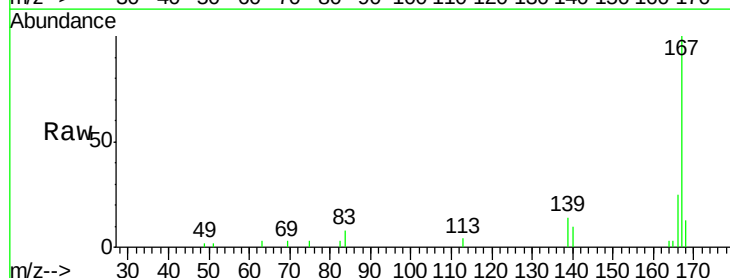
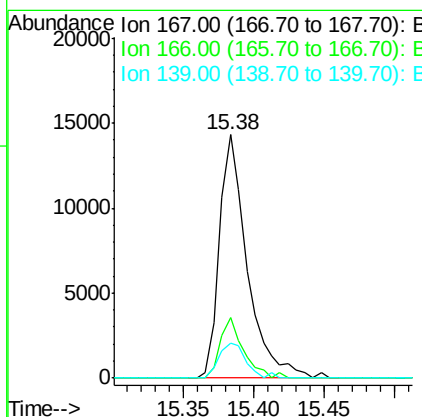
Manual Integrations
 APPROVED

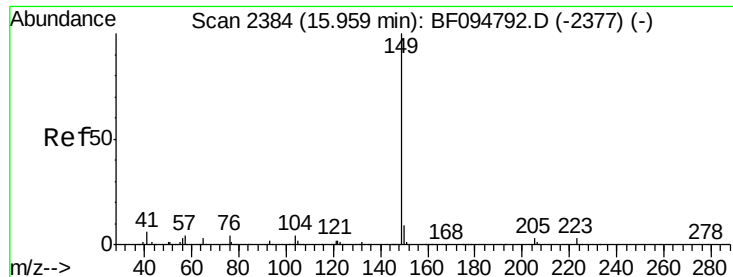
mohammad
 5/4/2017 1:45:24 PM



#72
 Carbazole
 Concen: 2.123 ng
 RT: 15.38 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.9	18.1	27.1
139	14.5	11.7	17.5





#73

Di-n-butylphthalate

Concen: 1.038 ng

RT: 15.95 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BF094828.D

Acq: 3 May 2017 11:00

Instrument :

BNA_F

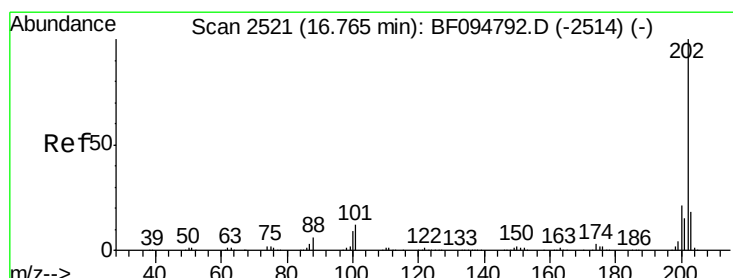
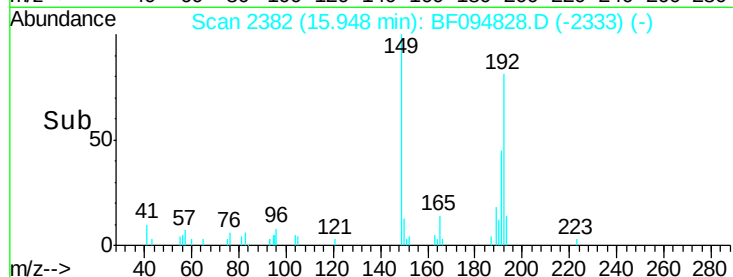
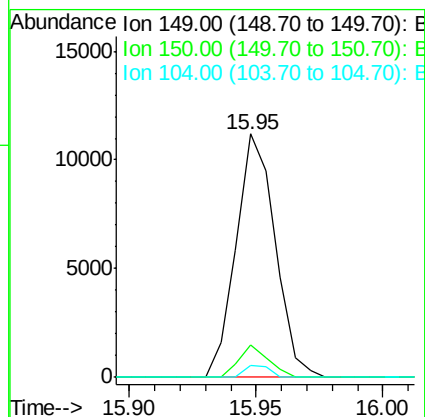
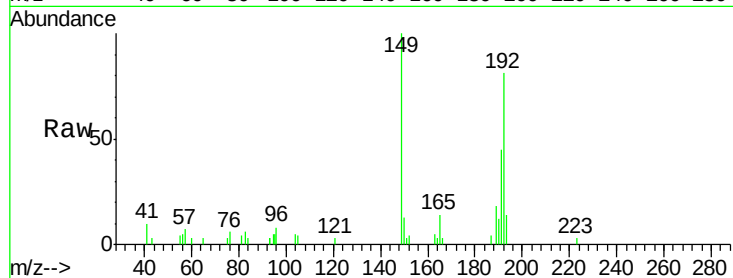
ClientSampleId :

E2-V9-ESW

Tgt Ion:	149	Resp:	11992
Ion Ratio	Lower	Upper	
149	100		
150	13.2	7.7	11.5#
104	4.9	4.0	6.0

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#74

Fluoranthene

Concen: 21.383 ng

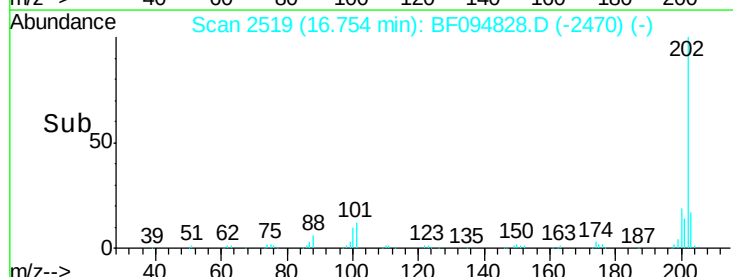
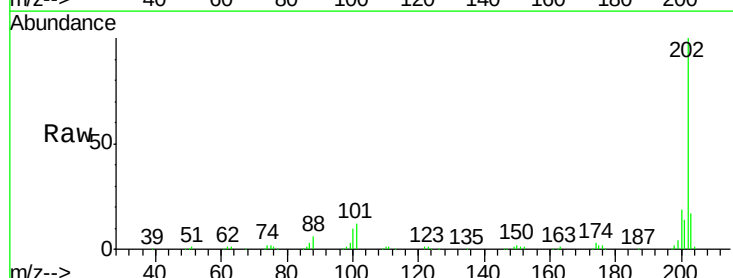
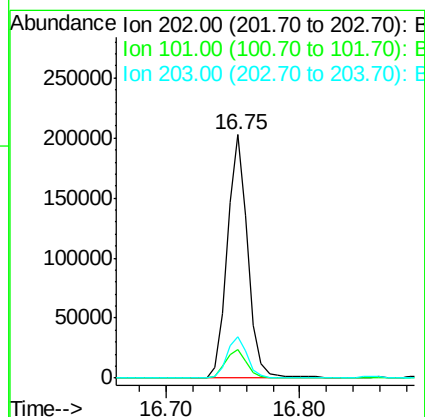
RT: 16.75 min Scan# 2519

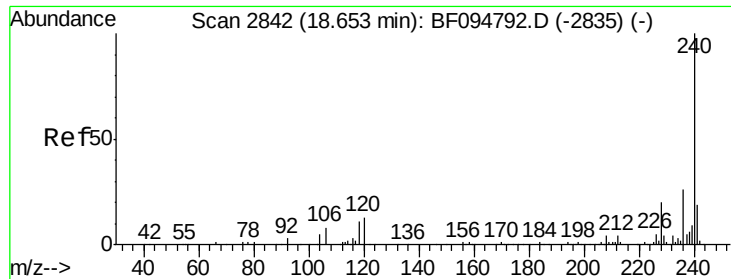
Delta R.T. -0.01 min

Lab File: BF094828.D

Acq: 3 May 2017 11:00

Tgt Ion:	202	Resp:	218707
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	33.2
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094828.D

Acq: 3 May 2017 11:00

Instrument :

BNA_F

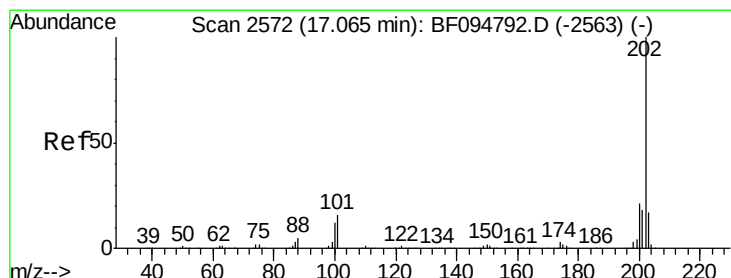
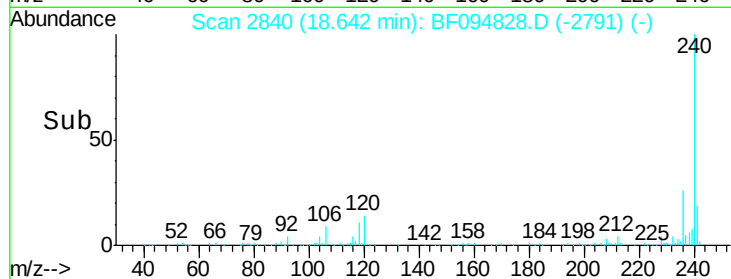
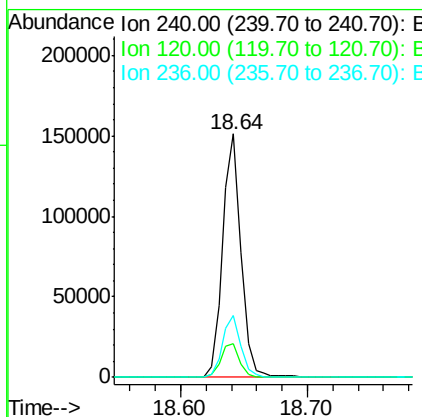
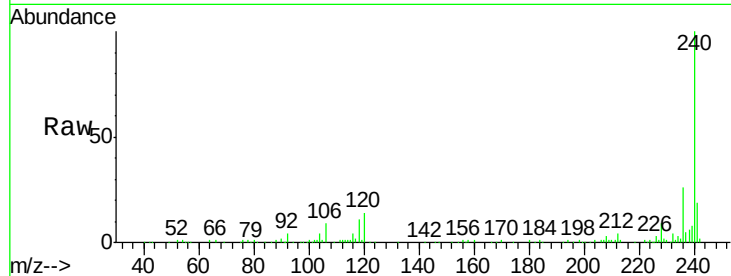
ClientSampleId :

E2-V9-ESW

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	152865		
120	13.7	5.8	8.8#	
236	25.6	20.5	30.7	

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#77

Pyrene

Concen: 15.498 ng

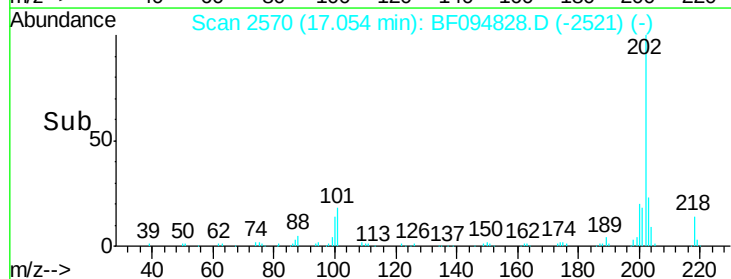
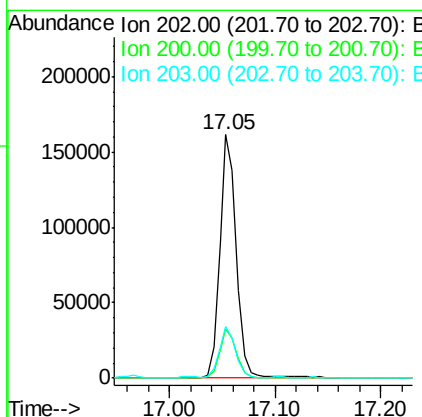
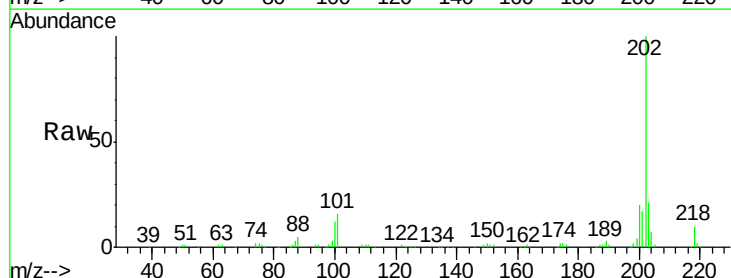
RT: 17.05 min Scan# 2570

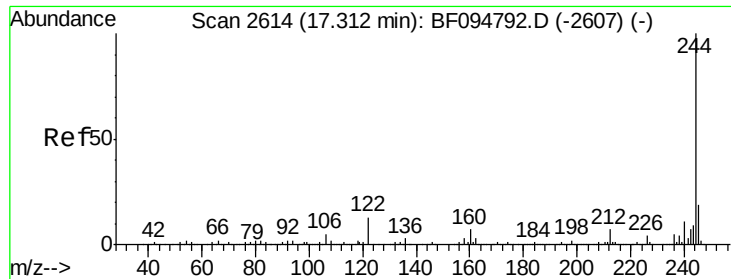
Delta R.T. -0.01 min

Lab File: BF094828.D

Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	177185		
200	20.1	17.6	26.4	
203	21.1	14.4	21.6	





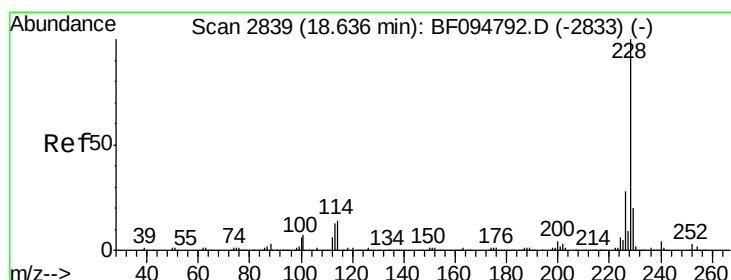
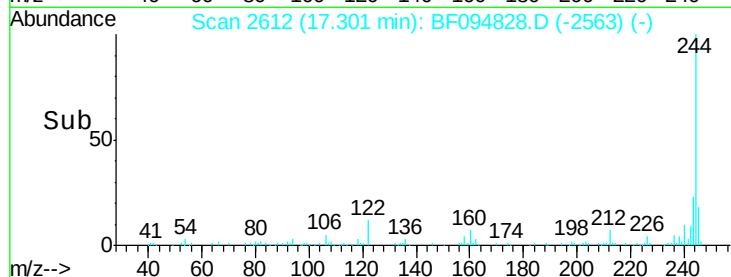
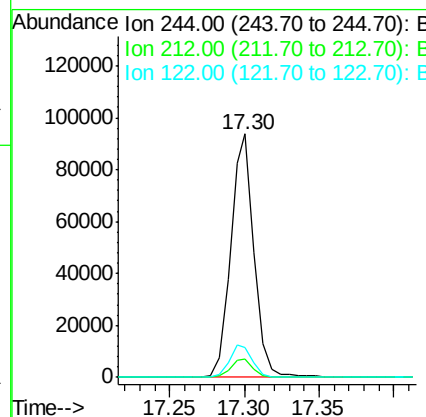
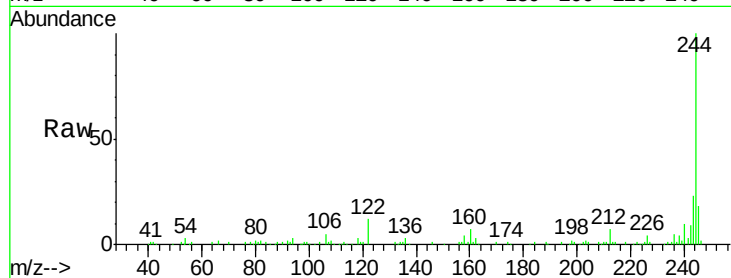
#78
 Terphenyl-d14
 Concen: 14.731 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-ESW

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	102237		
212	7.3	6.0	9.0	
122	12.4	10.3	15.5	

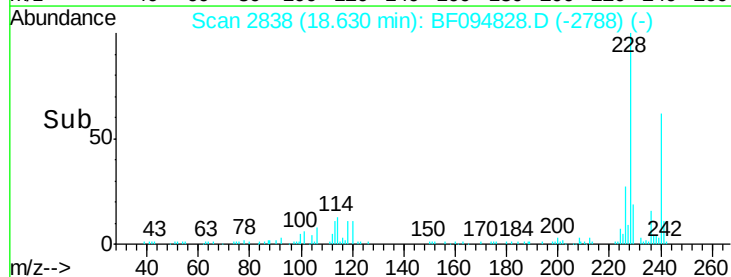
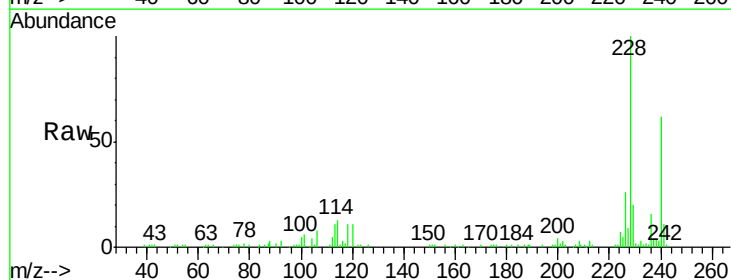
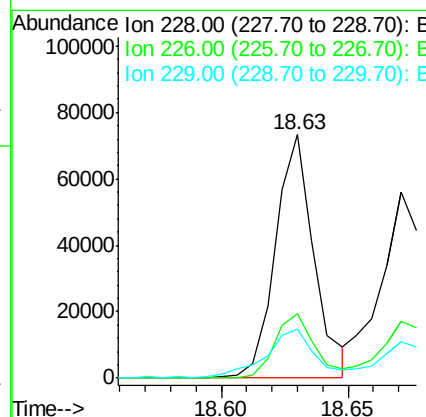
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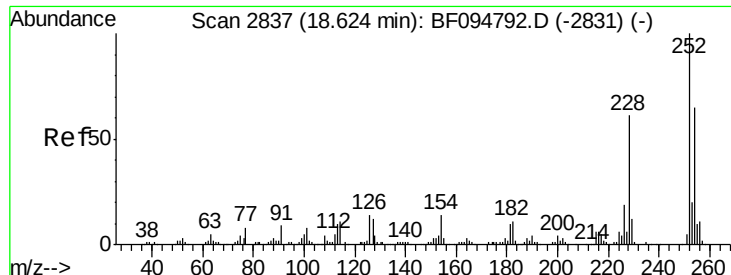
mohammad
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#80
 Benzo(a)anthracene
 Concen: 8.787 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	78176		
226	26.5	22.6	33.8	
229	20.0	16.3	24.5	





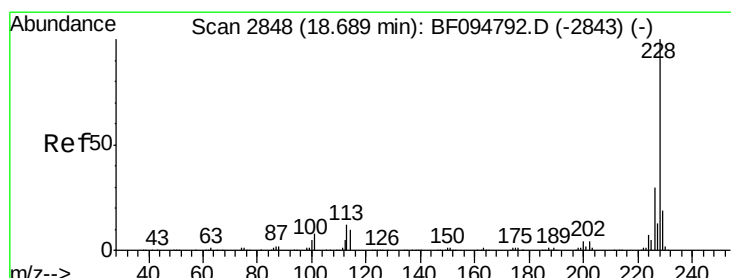
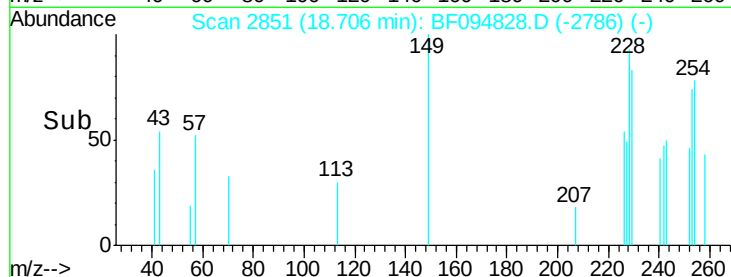
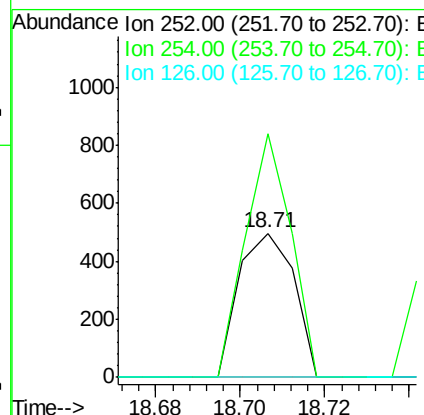
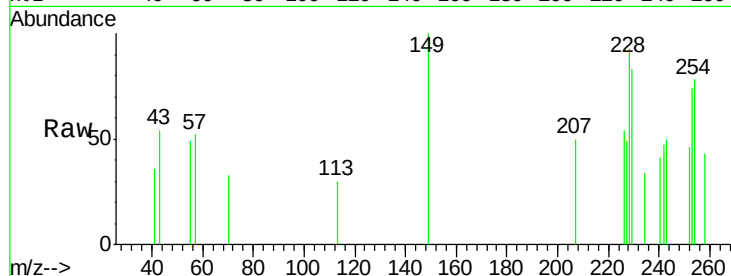
#81
 3,3'-Dichlorobenzidine
 Concen: 0.146 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. 0.08 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Instrument :
 BNA_F
 ClientSampled :
 E2-V9-ESW

Tgt Ion	Ratio	Lower	Upper
252	100		
254	168.8	51.5	77.3#
126	0.0	15.8	23.8#

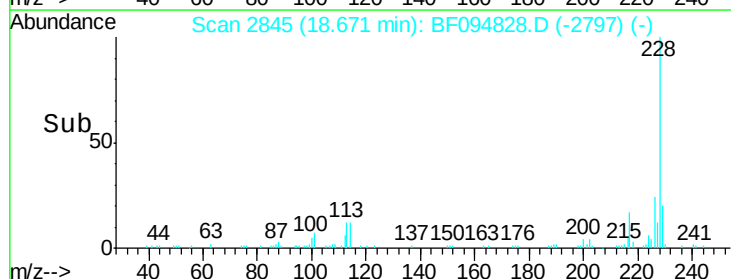
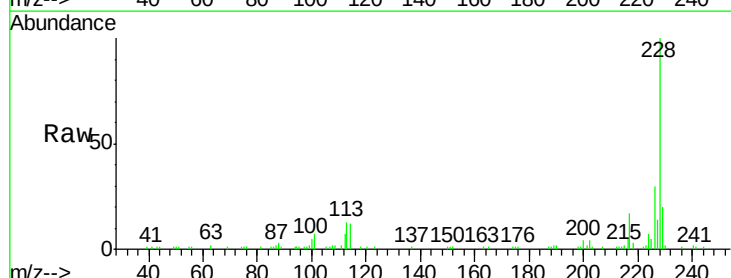
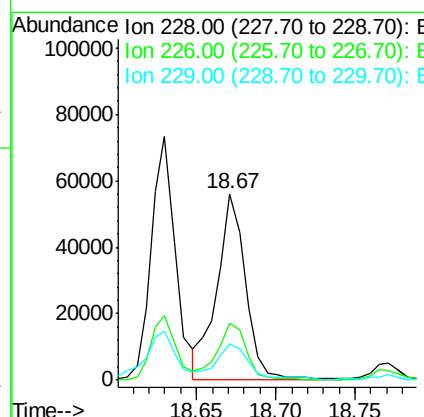
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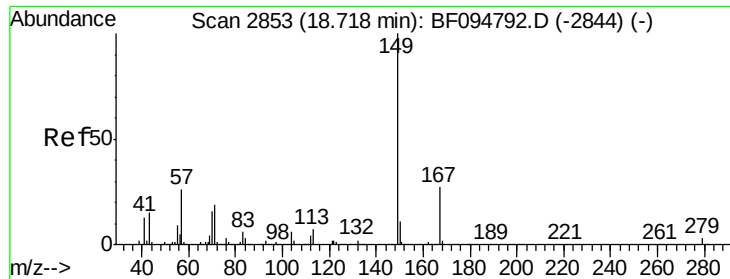
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#82
 Chrysene
 Concen: 8.176 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.6	15.8	23.6





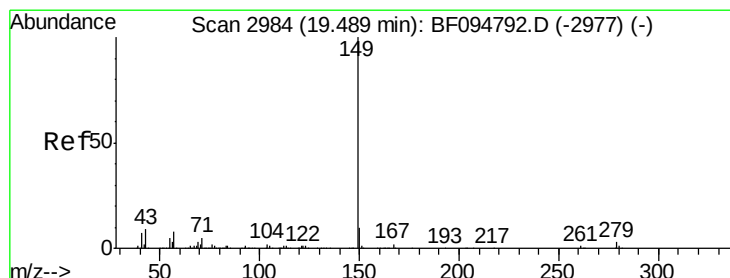
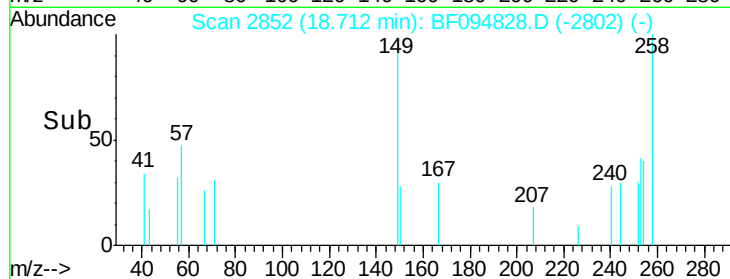
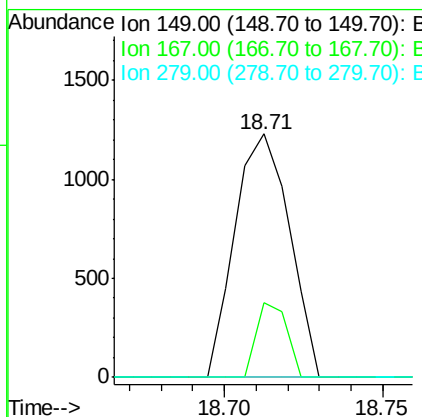
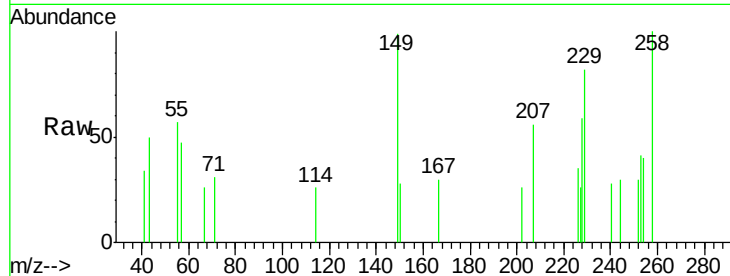
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.193 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-ESW

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.5	21.0	31.4
279	0.0	1.9	2.9#

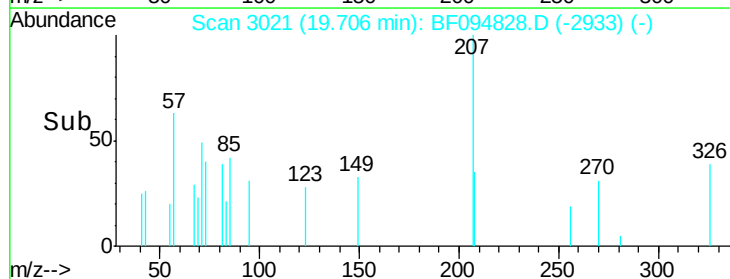
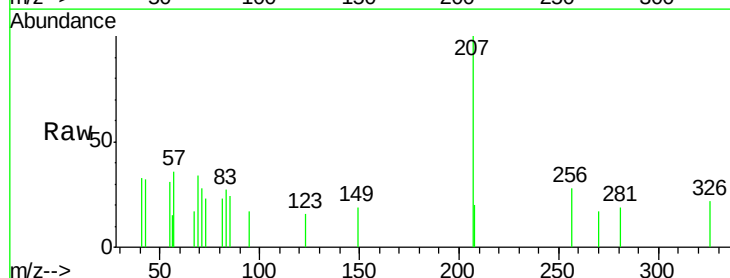
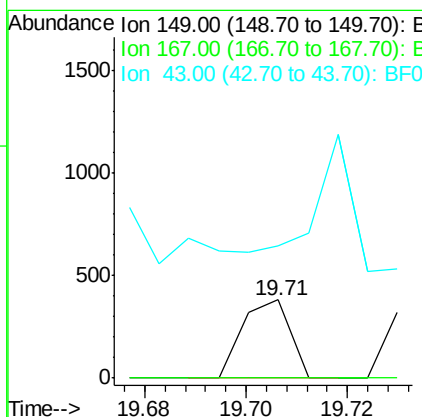
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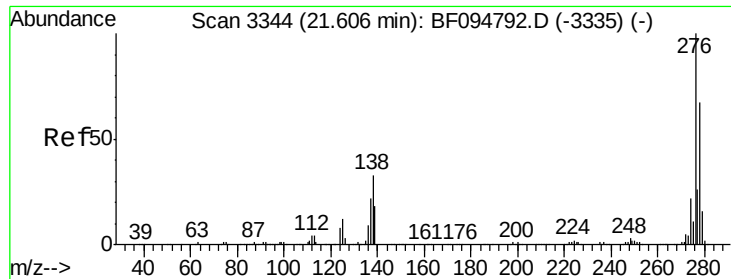
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#84
 Di-n-octyl phthalate
 Concen: 0.020 ng
 RT: 19.71 min Scan# 3021
 Delta R.T. 0.22 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	223.6	8.5	12.7#





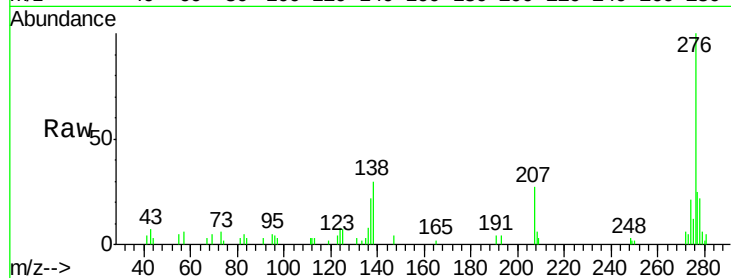
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.535 ng
 RT: 21.60 min Scan# 3343
 Delta R.T. -0.01 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-ESW

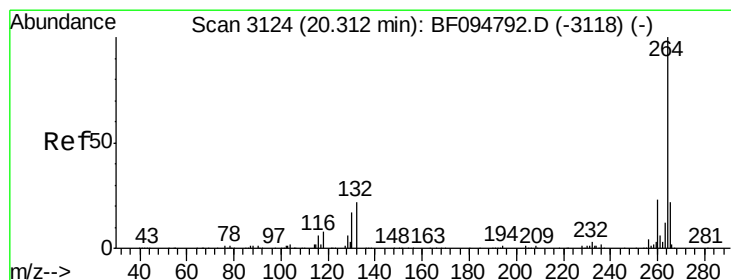
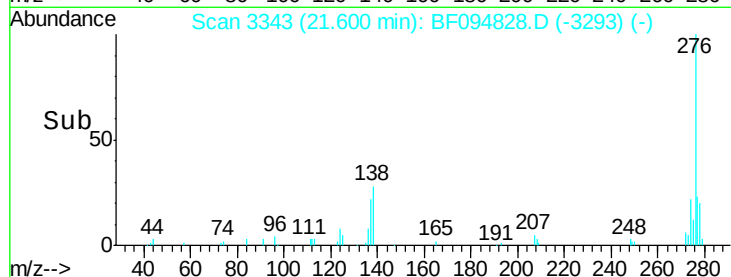
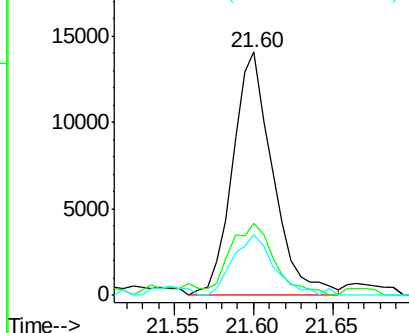
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	24694		
138	32.2		27.8	41.6
277	25.7		20.2	30.4

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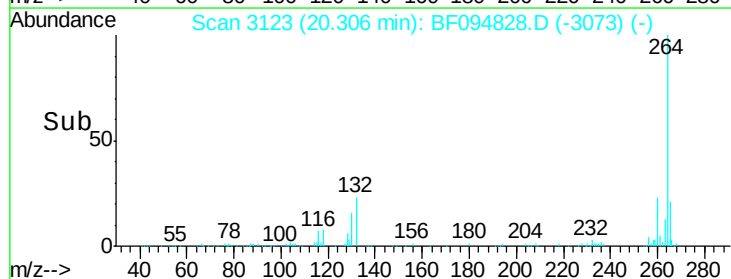
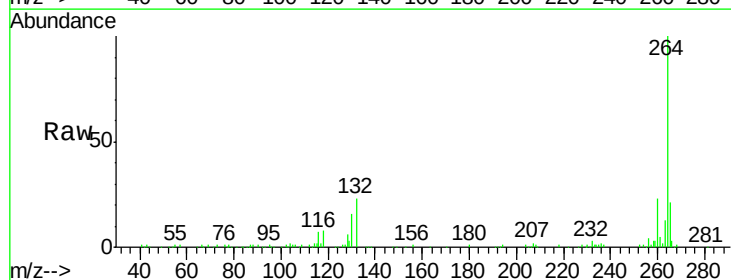
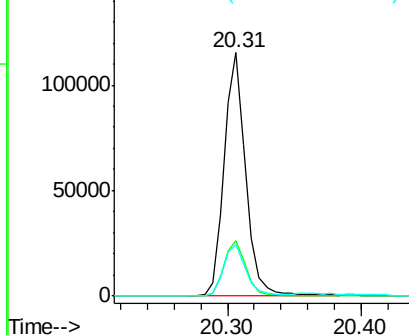
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

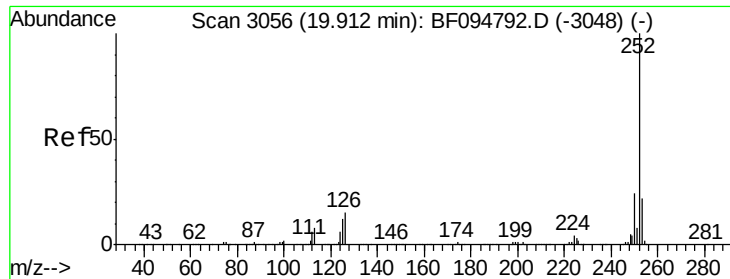


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	131819		
260	22.9		19.5	29.3
265	21.4		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





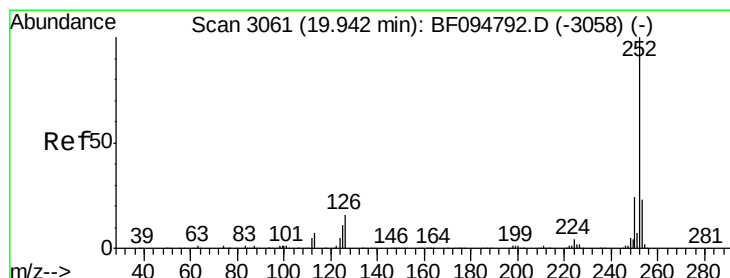
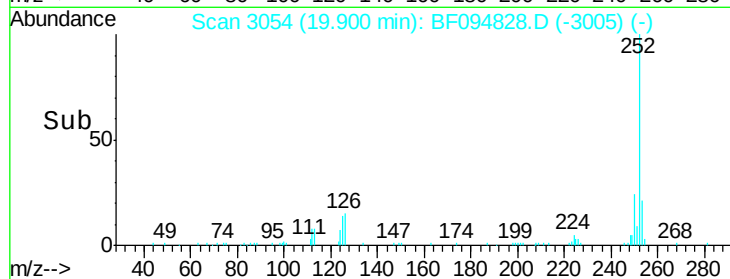
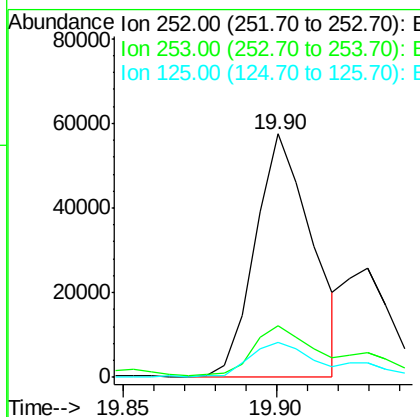
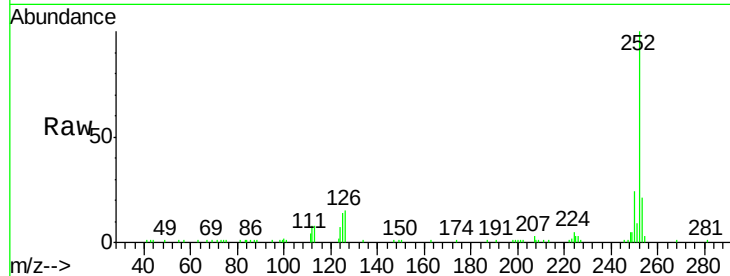
#87
Benzo(b)fluoranthene
Concen: 9.161 ng m
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Instrument :
BNA_F
ClientSampleId :
E2-V9-ESW

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	74615		
253	21.3		18.1	27.1
125	14.2		9.8	14.8

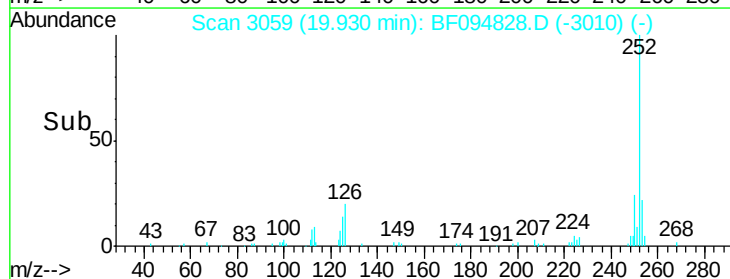
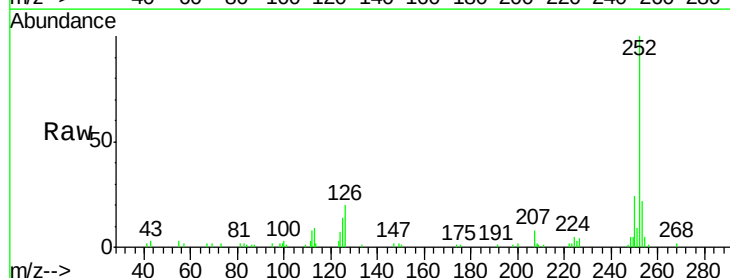
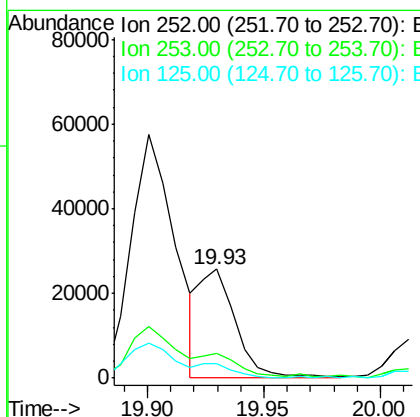
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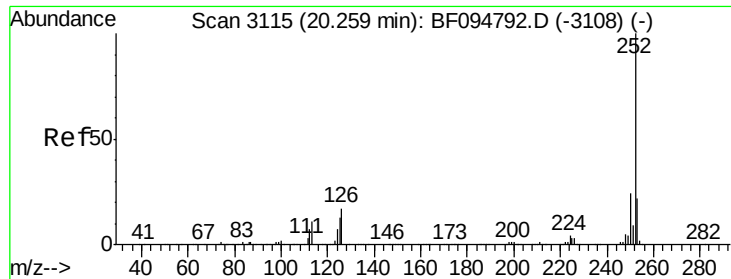
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#88
Benzo(k)fluoranthene
Concen: 3.594 ng m
RT: 19.93 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	28235		
253	22.4		18.4	27.6
125	13.5		13.1	19.7





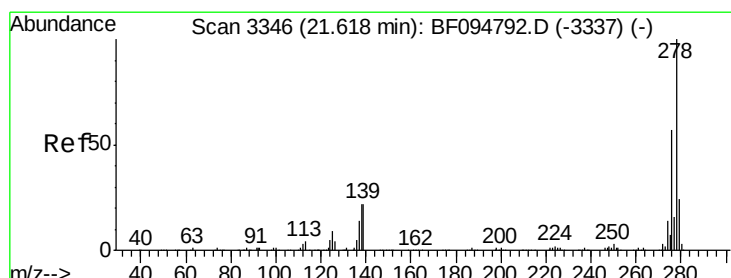
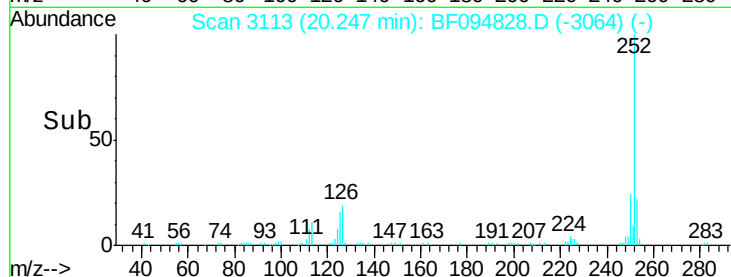
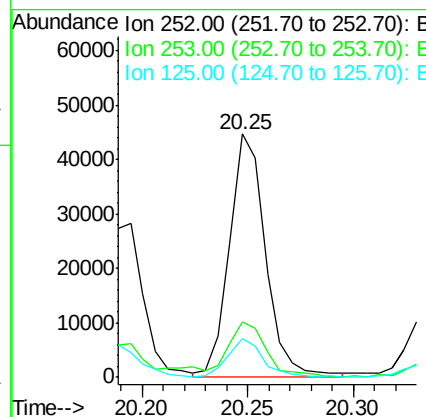
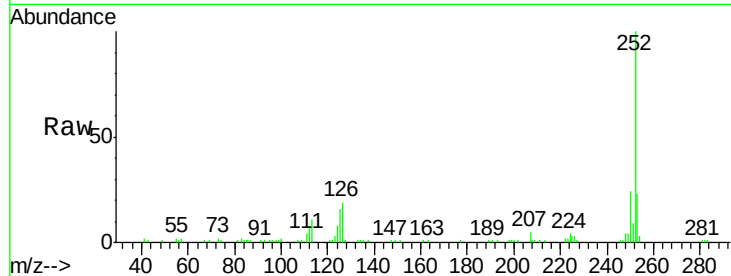
#89
Benzo(a)pyrene
Concen: 7.057 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Instrument :
BNA_F
ClientSampleId :
E2-V9-ESW

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.6	17.5	26.3
125	16.1	11.0	16.4

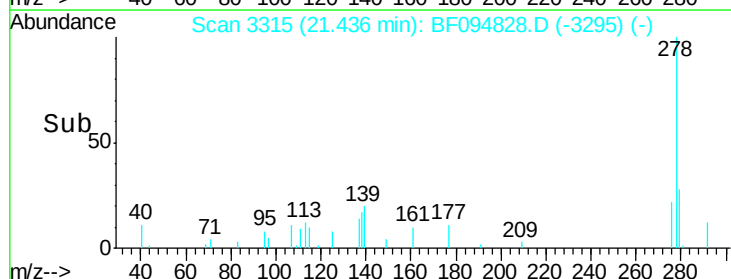
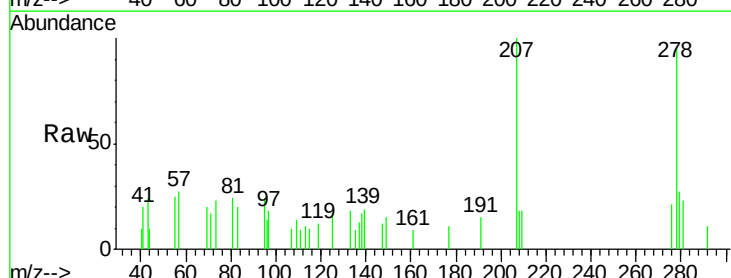
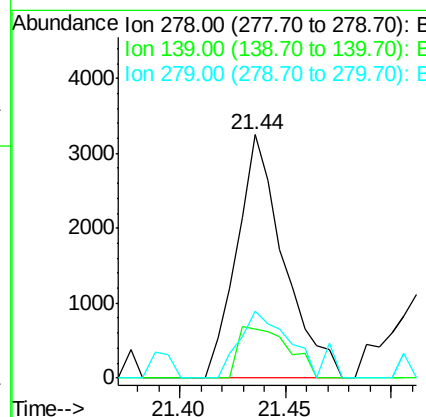
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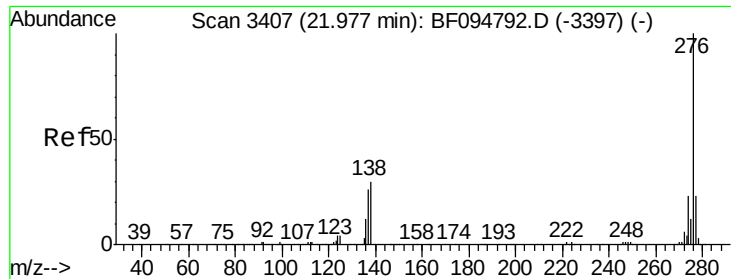
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 0.804 ng
RT: 21.44 min Scan# 3315
Delta R.T. -0.18 min
Lab File: BF094828.D
Acq: 3 May 2017 11:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	20.2	16.6	24.8
279	27.7	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 3.387 ng
 RT: 21.97 min Scan# 3406
 Delta R.T. -0.01 min
 Lab File: BF094828.D
 Acq: 3 May 2017 11:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-ESW

Tgt Ion:	276	Resp:	20632
Ion Ratio		Lower	Upper
276	100		
277	25.3	18.6	28.0
138	34.1	25.4	38.0

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