

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094829.D
 Acq On : 3 May 2017 11:32
 Operator : SJ/MA
 Sample : I2921-12 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-V10-BASE

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:45:35 PM

Quant Time: May 03 12:08:50 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	68374	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	269085	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	113454	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	173543	20.00	ng	0.00
75) Chrysene-d12	18.64	240	153019	20.00	ng	-0.01
86) Perylene-d12	20.31	264	129981	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	169383	41.30	ng	0.00
7) Phenol-d6	7.26	99	211633	43.01	ng	-0.02
23) Nitrobenzene-d5	8.62	82	121381	28.44	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	34648	37.29	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	235224	29.84	ng	-0.01
78) Terphenyl-d14	17.30	244	150790	21.70	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.08	88	851	0.423	ng	# 7
10) Phenol	7.30	94	2457	0.474	ng	# 42
15) Benzyl Alcohol	7.96	79	1982	0.626	ng	# 50
24) Nitrobenzene	8.51	77	108	0.024	ng	# 39
25) Isophorone	8.89	82	108	0.014	ng	# 67
31) Naphthalene	9.78	128	3671	0.271	ng	# 68
37) 2-Methylnaphthalene	10.92	142	2172	0.245	ng	# 93
45) 1,1'-Biphenyl	11.68	154	387	0.041	ng	# 42
48) Acenaphthylene	12.35	152	5255	0.435	ng	# 98
49) Dimethylphthalate	12.22	163	18727	2.011	ng	# 97
51) Acenaphthene	11.68	154	387	0.041	ng	# 4
54) Dibenzofuran	12.93	168	2073	0.208	ng	# 90
55) 4-Nitrophenol	12.93	139	743	0.607	ng	# 25
57) Fluorene	13.48	166	3512	0.404	ng	# 85
59) Diethylphthalate	13.37	149	596	0.067	ng	# 60
65) n-Nitrosodiphenylamine	13.69	169	485	0.077	ng	# 24
70) Phenanthrene	15.01	178	49083	4.922	ng	# 97
71) Anthracene	15.10	178	12229	1.201	ng	# 95
72) Carbazole	15.39	167	3734	0.403	ng	# 94
73) Di-n-butylphthalate	15.95	149	554	0.048	ng	# 78
74) Fluoranthene	16.75	202	71819	7.021	ng	# 98
77) Pyrene	17.06	202	73683	6.438	ng	# 98
80) Benzo(a)anthracene	18.63	228	33680	3.782	ng	# 94
81) 3,3'-Dichlorobenzidine	18.71	252	109	0.035	ng	# 5
82) Chrysene	18.67	228	35190	4.087	ng	# 95
83) Bis(2-ethylhexyl)phthalate	18.71	149	1475	0.194	ng	# 99
84) Di-n-octyl phthalate	19.48	149	141	0.011	ng	# 1
85) Indeno(1,2,3-cd)pyrene	21.60	276	19035	2.722	ng	# 96
87) Benzo(b)fluoranthene	19.90	252	41758m	5.199	ng	#
88) Benzo(k)fluoranthene	19.93	252	18252m	2.356	ng	#
89) Benzo(a)pyrene	20.25	252	33703	4.548	ng	# 95
90) Dibenzo(a,h)anthracene	21.61	278	5773	0.943	ng	# 90
91) Benzo(g,h,i)perylene	21.98	276	16813	2.799	ng	# 98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094829.D
Acq On : 3 May 2017 11:32
Operator : SJ/MA
Sample : I2921-12 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-V10-BASE

Manual Integrations
APPROVED

mohammad
5/4/2017 1:45:35 PM

Quant Time: May 03 12:08:50 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)
--------------------	------	------	----------	------	-------	----------

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

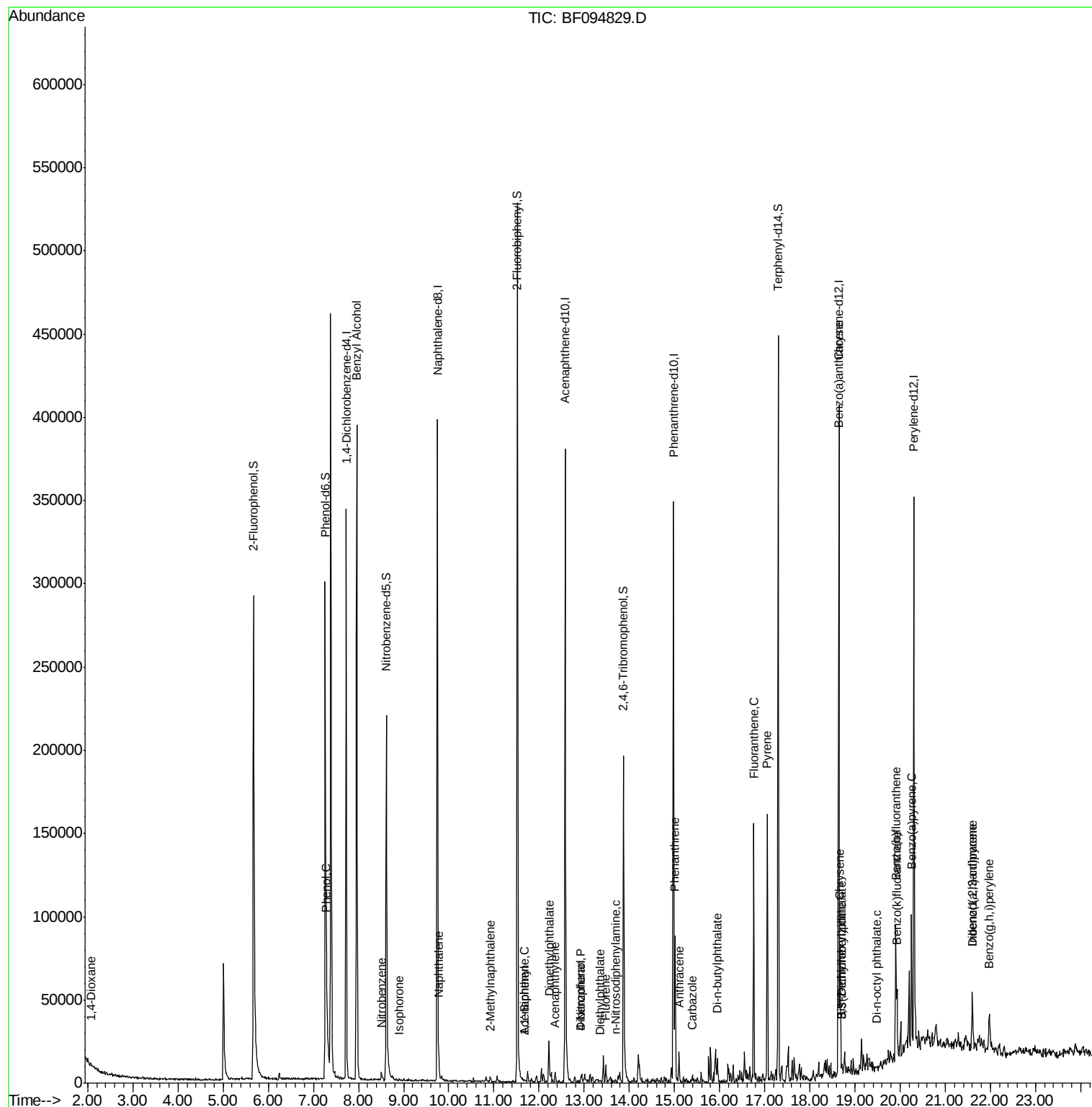
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094829.D
Acq On : 3 May 2017 11:32
Operator : SJ/MA
Sample : I2921-12 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-V10-BASE

Manual Integrations
APPROVED

mohammad
5/4/2017 1:45:35 PM

Quant Time: May 03 12:08:50 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





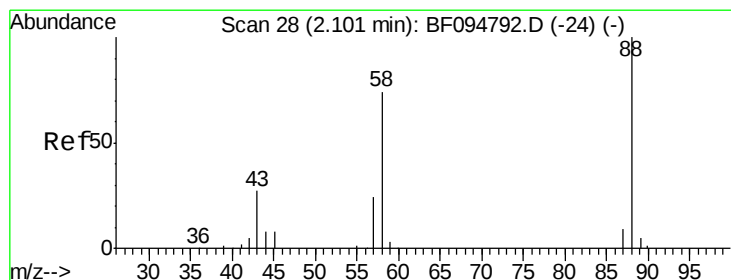
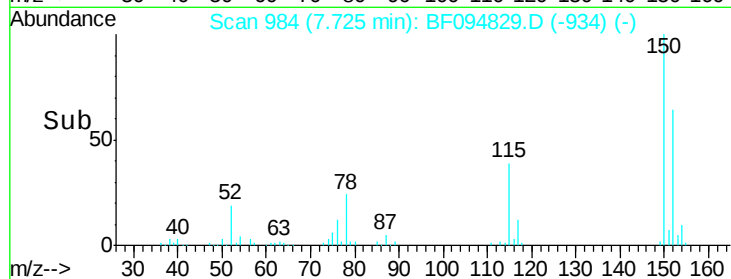
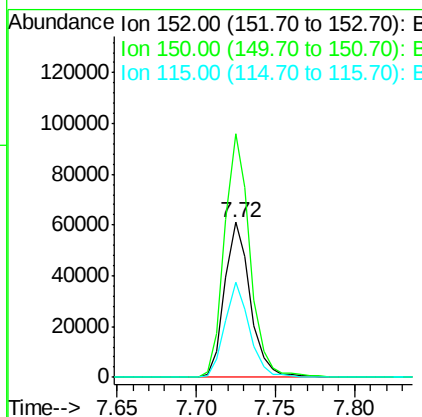
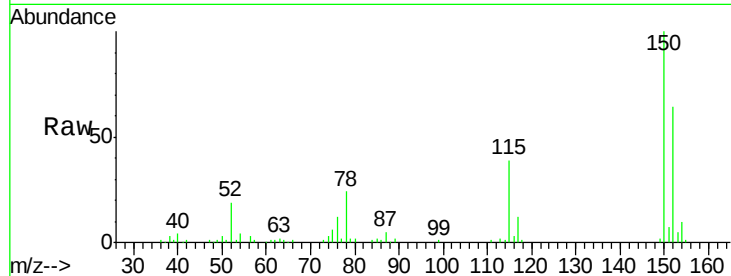
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF094829.D
 Acq: 3 May 2017 11:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-V10-BASE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	61.7	52.2	78.2

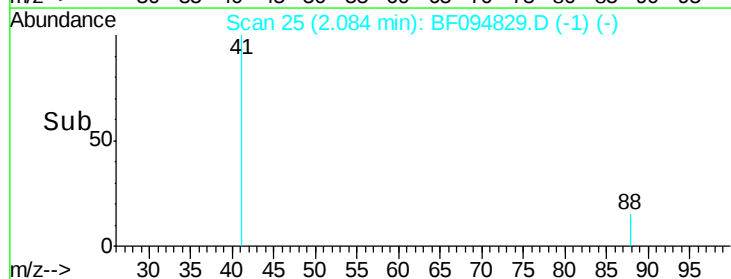
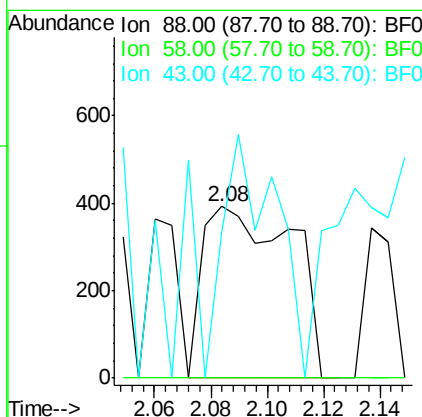
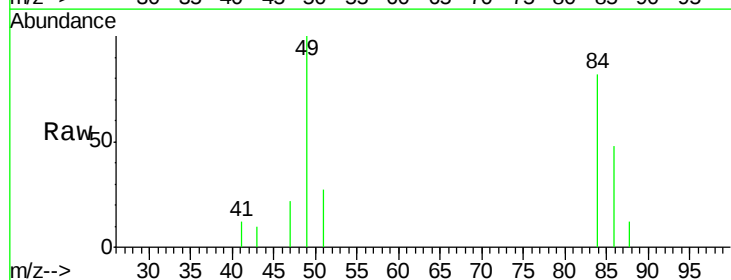
Manual Integrations
 APPROVED

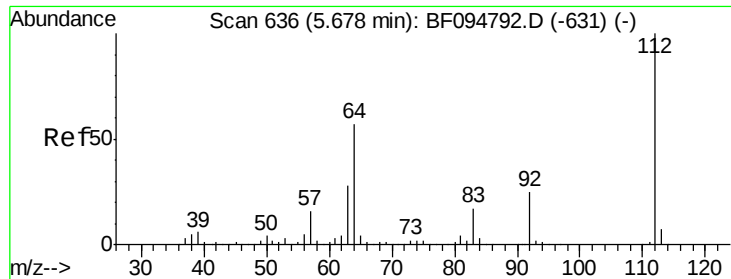
mohammad
 5/4/2017 1:45:35 PM



#2
 1,4-Dioxane
 Concen: 0.423 ng
 RT: 2.08 min Scan# 25
 Delta R.T. -0.02 min
 Lab File: BF094829.D
 Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	84.3	23.4	35.0#





#5

2-Fluorophenol

Concen: 41.302 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF094829.D

Acq: 3 May 2017 11:32

Instrument :

BNA_F

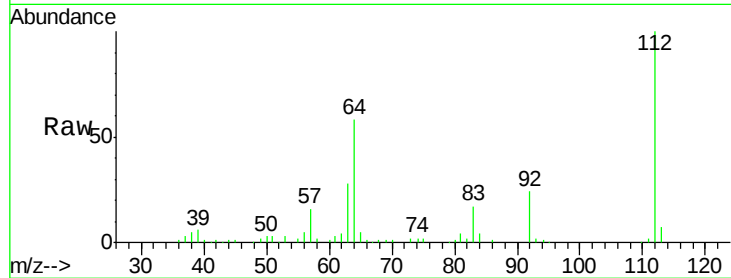
ClientSampleId :

E2-V10-BASE

Tgt Ion:	112	Resp:	169383
Ion Ratio	Lower	Upper	
112	100		
64	58.5	46.0	69.0
63	28.0	23.4	35.0

Manual Integrations
APPROVED

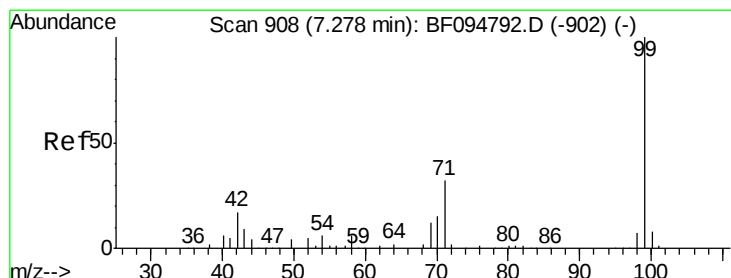
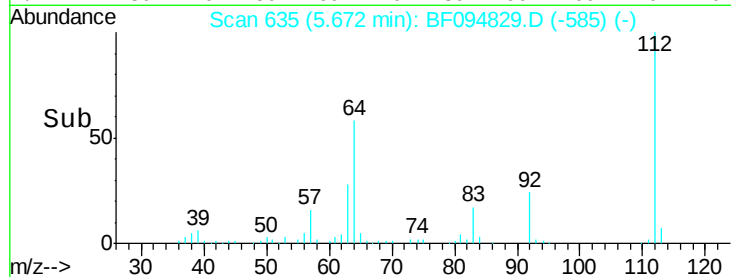
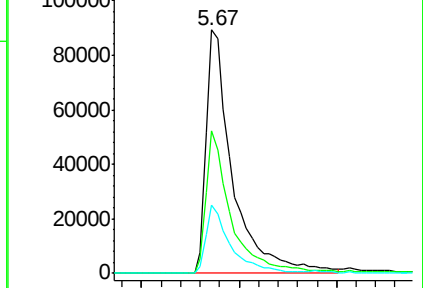
mohammad
5/4/2017 1:45:35 PM



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: 43.009 ng

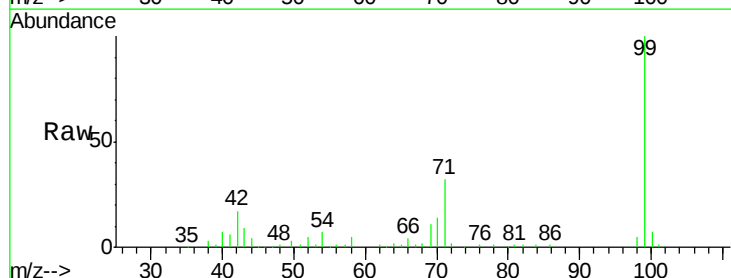
RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094829.D

Acq: 3 May 2017 11:32

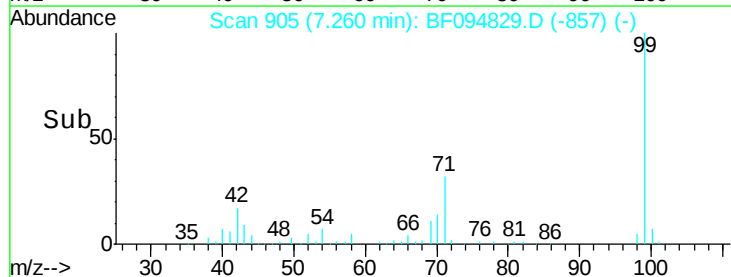
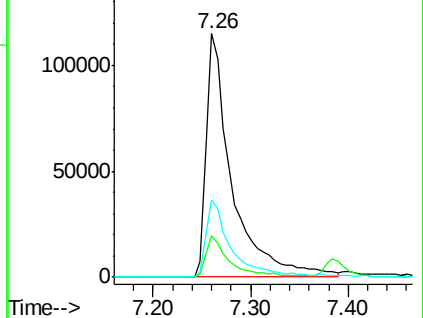
Tgt Ion:	99	Resp:	211633
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.5	20.3
71	31.7	24.5	36.7

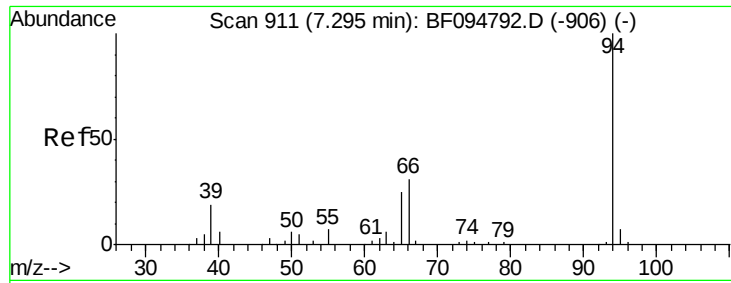


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





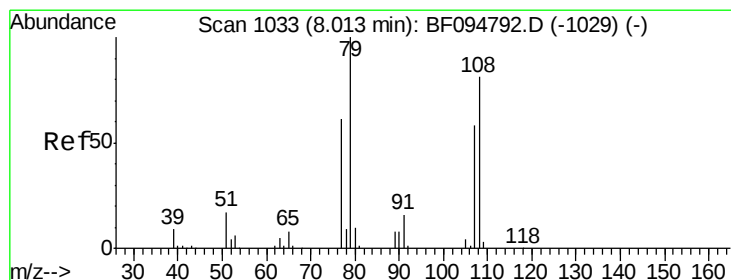
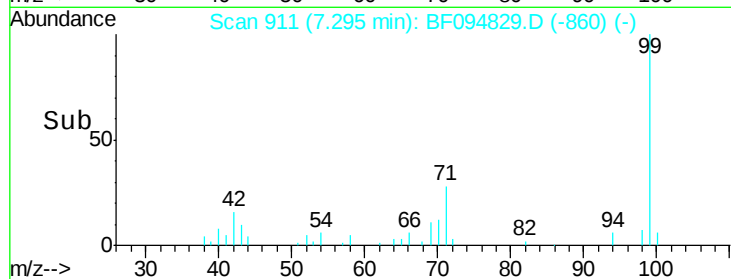
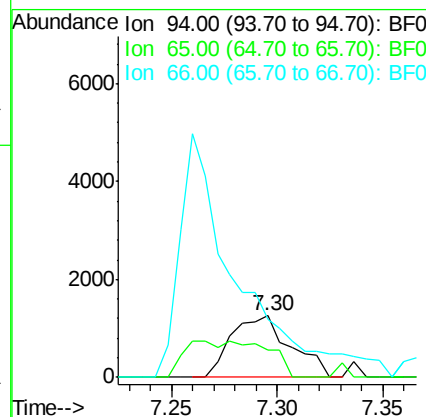
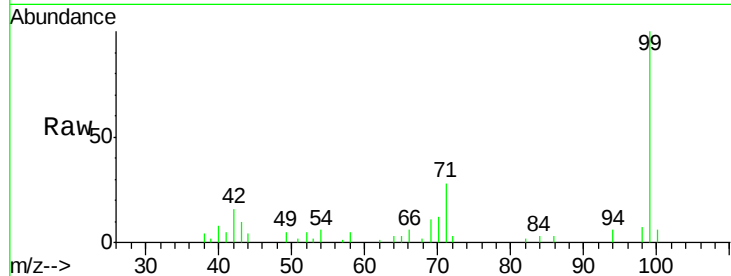
#10
Phenol
Concen: 0.474 ng
RT: 7.30 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Instrument :
BNA_F
ClientSampleId :
E2-V10-BASE

Tgt Ion	Ratio	Lower	Upper
94	100		
65	43.6	9.9	49.9
66	94.2	23.1	63.1#

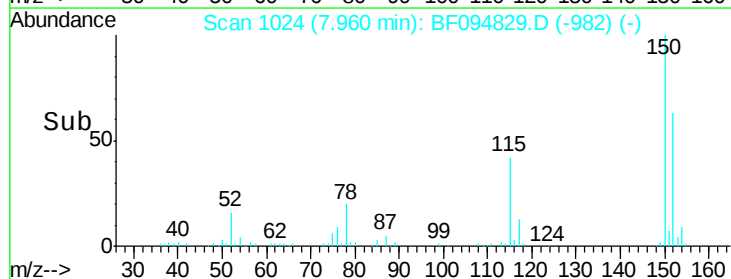
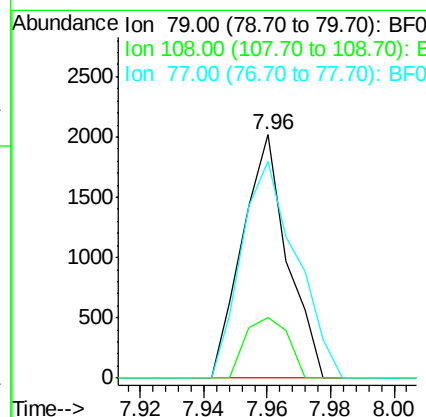
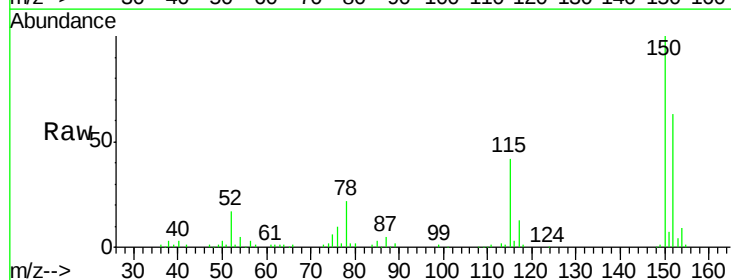
Manual Integrations
APPROVED

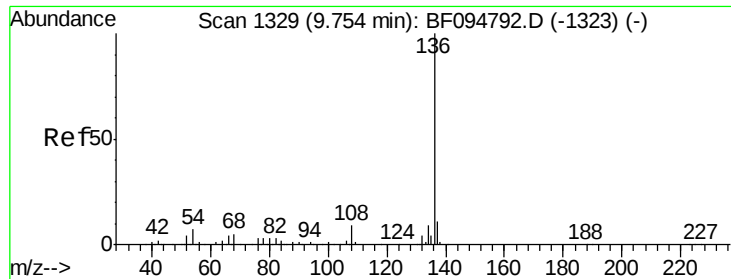
mohammad
5/4/2017 1:45:35 PM



#15
Benzyl Alcohol
Concen: 0.626 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Lower	Upper
79	100		
108	25.0	63.4	95.0#
77	89.0	49.2	73.8#





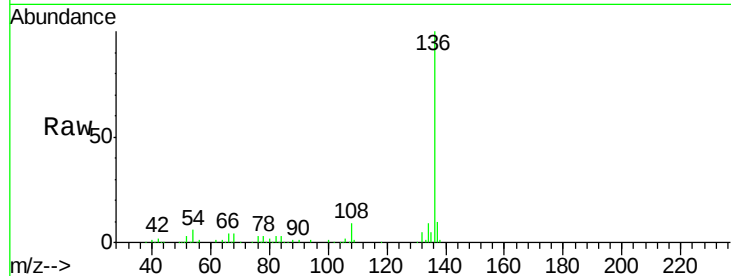
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Instrument :
BNA_F
ClientSampleId :
E2-V10-BASE

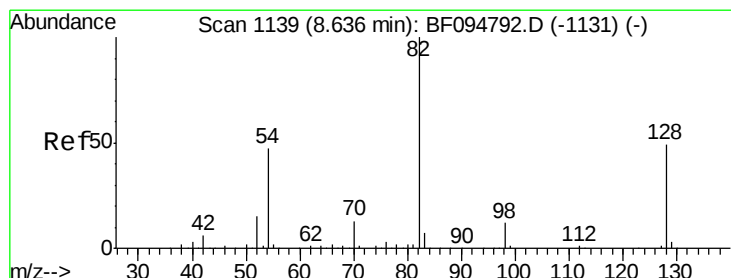
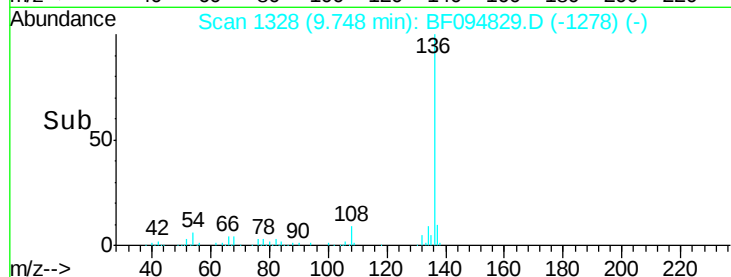
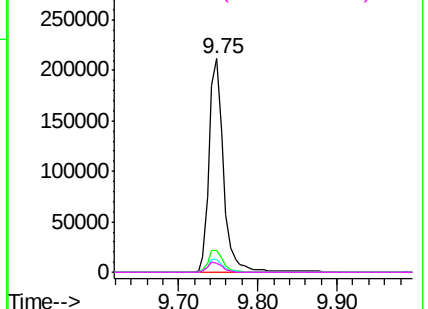
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	269085		
137	10.5		8.5	12.7
54	6.2		4.9	7.3
68	4.5		4.1	6.1

Manual Integrations
APPROVED

mohammad
5/4/2017 1:45:35 PM

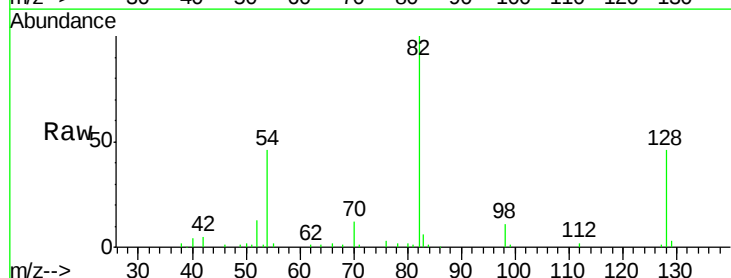


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

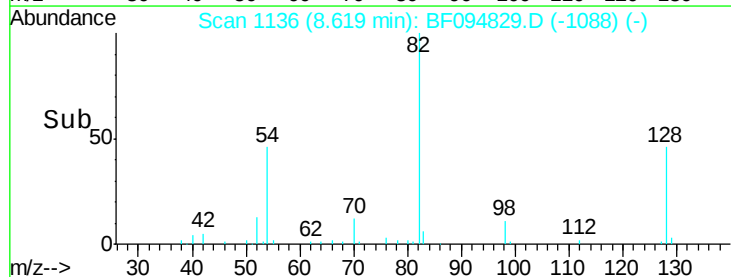
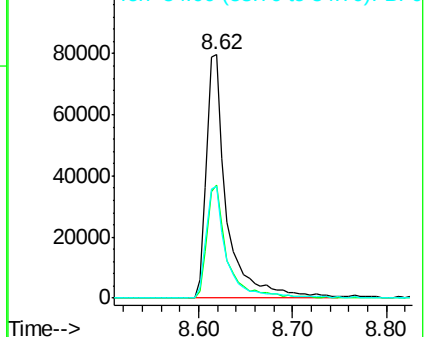


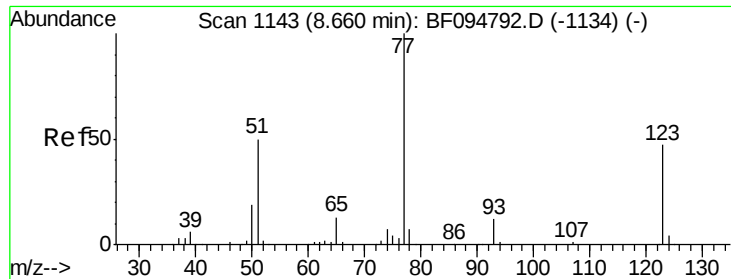
#23
Nitrobenzene-d5
Concen: 28.445 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	121381		
128	46.4		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





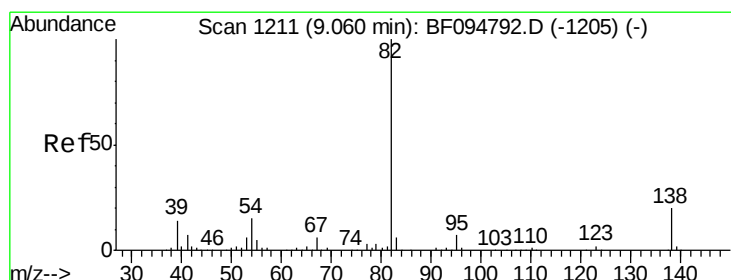
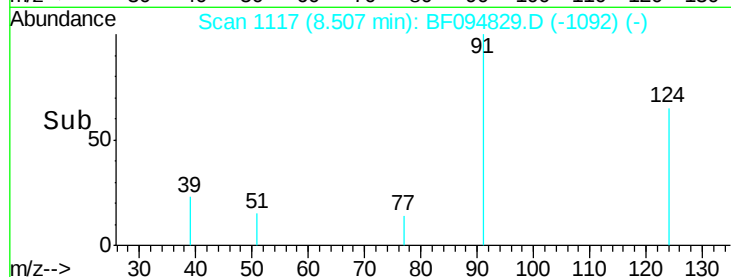
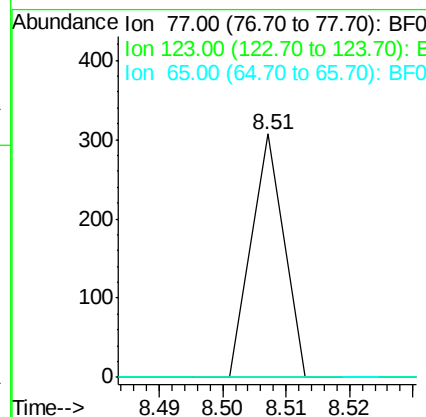
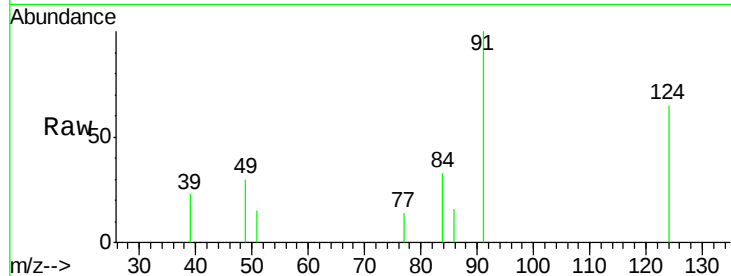
#24
Nitrobenzene
Concen: 0.024 ng
RT: 8.51 min Scan# 1117
Delta R.T. -0.15 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Instrument :
BNA_F
ClientSampleId :
E2-V10-BASE

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	0.0	10.6	15.8#

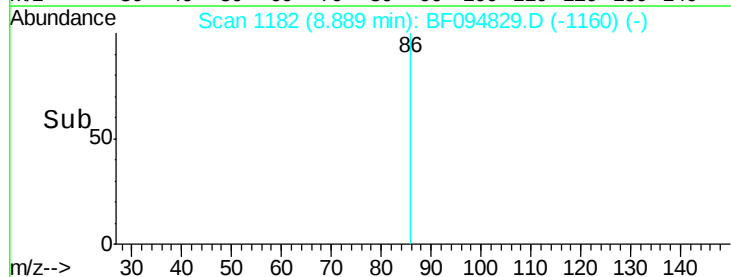
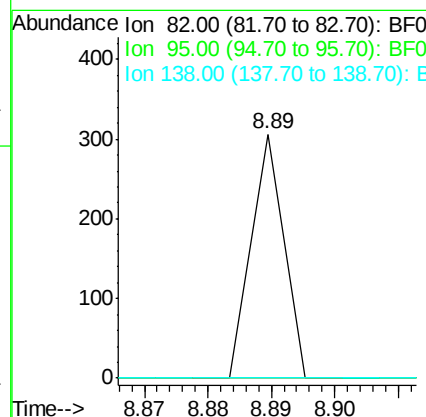
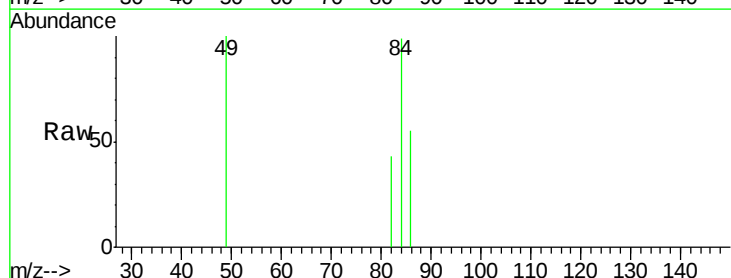
Manual Integrations
APPROVED

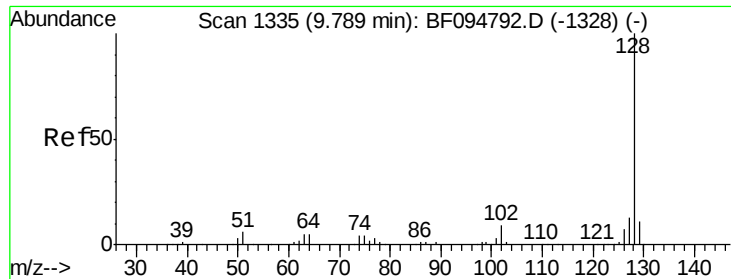
mohammad
5/4/2017 1:45:35 PM



#25
Isophorone
Concen: 0.014 ng
RT: 8.89 min Scan# 1182
Delta R.T. -0.17 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

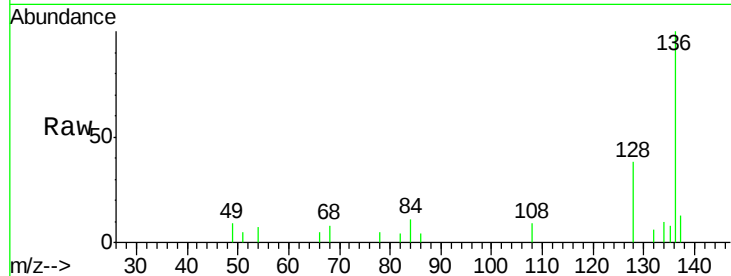
Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#





#31
Naphthalene
Concen: 0.271 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

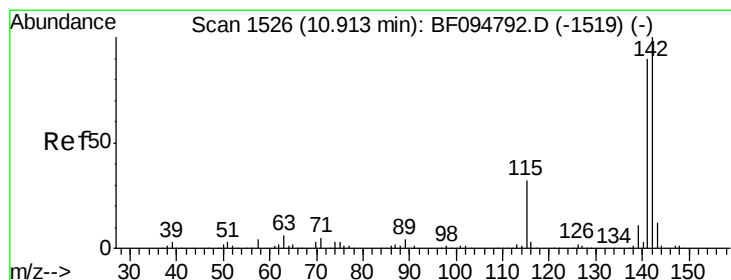
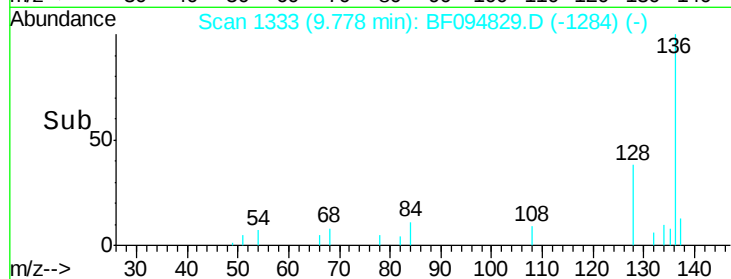
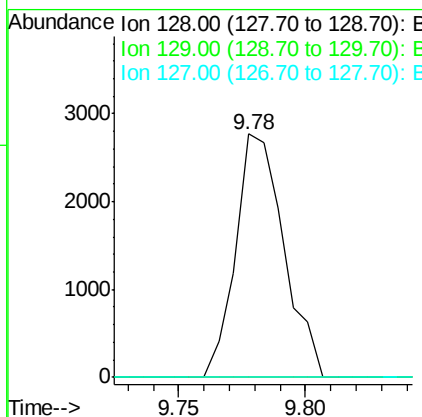
Instrument :
BNA_F
ClientSampleId :
E2-V10-BASE



Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.6#
127	0.0	10.8	16.2#

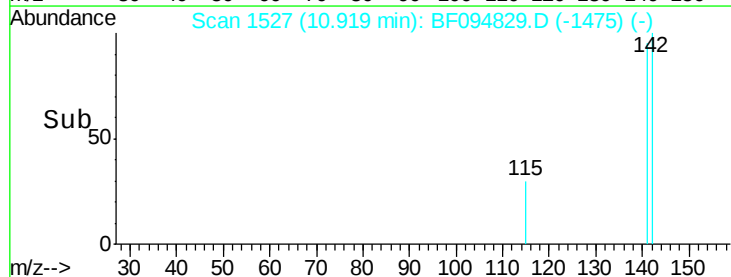
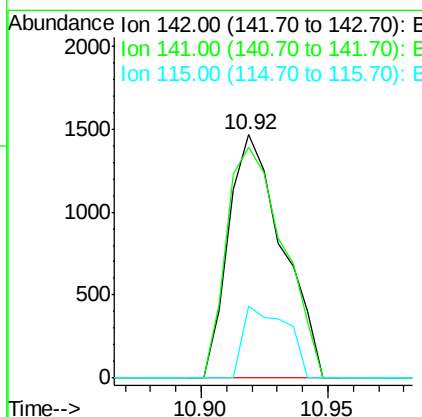
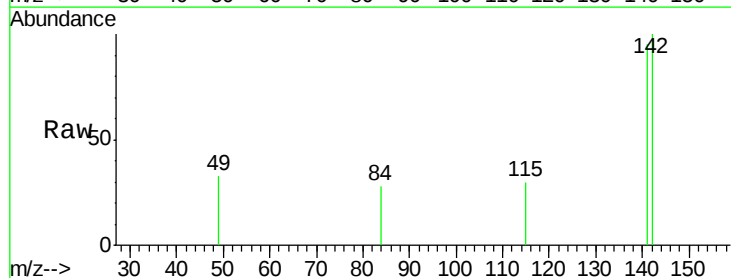
Manual Integrations
APPROVED

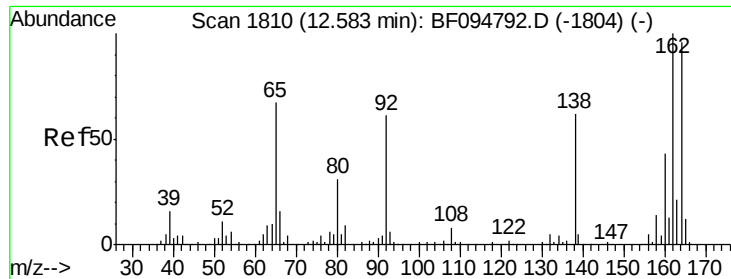
mohammad
5/4/2017 1:45:35 PM



#37
2-Methylnaphthalene
Concen: 0.245 ng
RT: 10.92 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	71.3	106.9
115	29.7	27.1	40.7





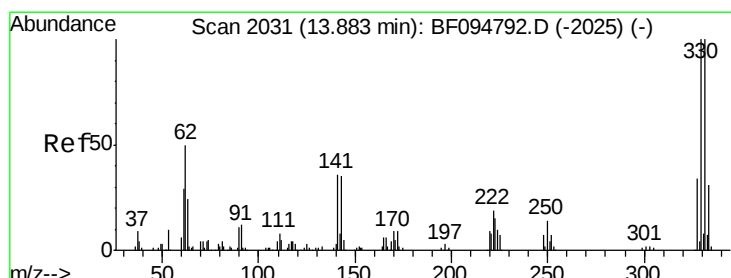
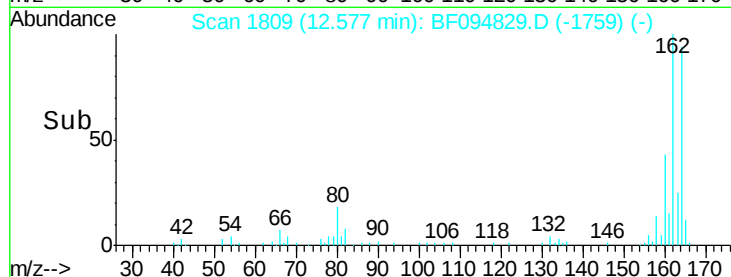
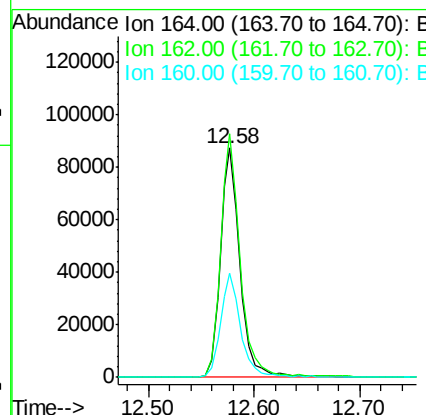
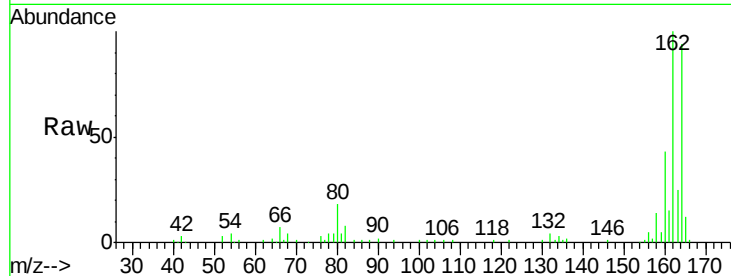
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Instrument :
BNA_F
ClientSampleId :
E2-V10-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	113454		
162	106.2	82.6	123.8	
160	45.2	36.2	54.2	

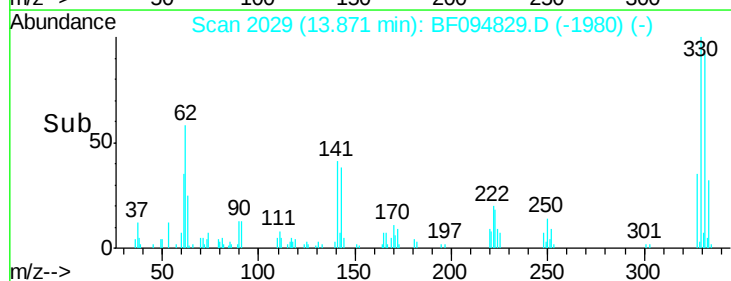
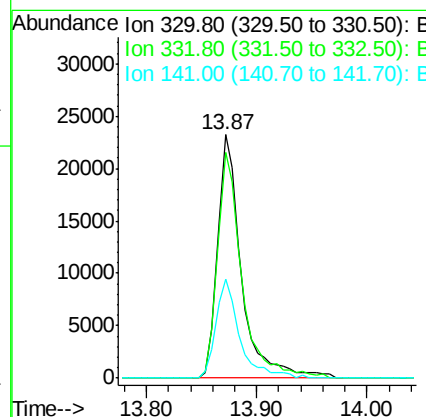
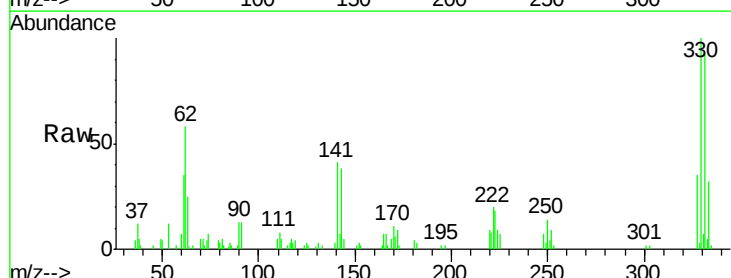
Manual Integrations
APPROVED

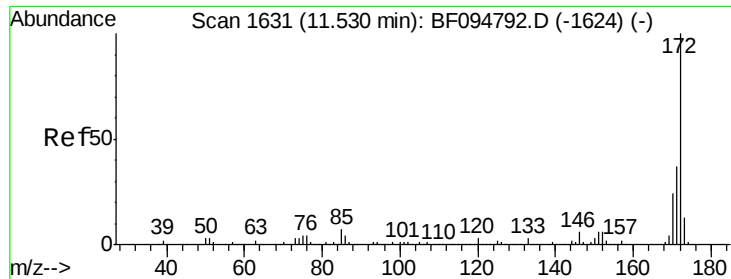
mohammad
5/4/2017 1:45:35 PM



#41
2,4,6-Tribromophenol
Concen: 37.290 ng
RT: 13.87 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	34648		
332	95.2	76.6	115.0	
141	40.5	31.4	47.2	





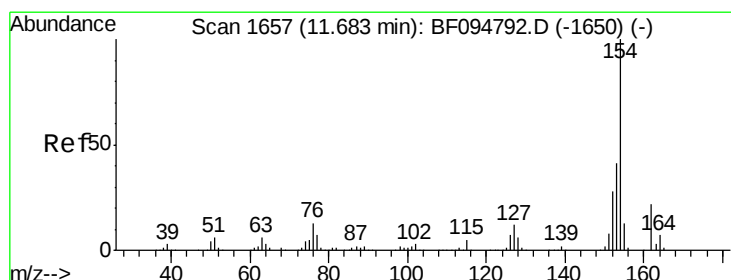
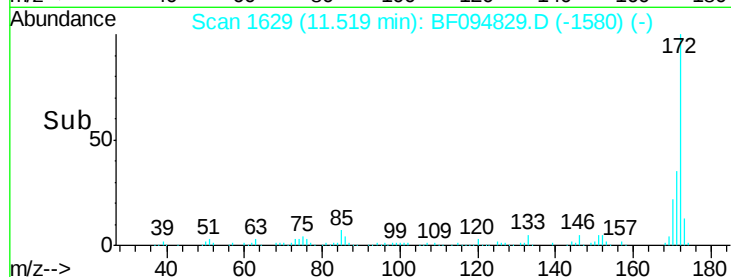
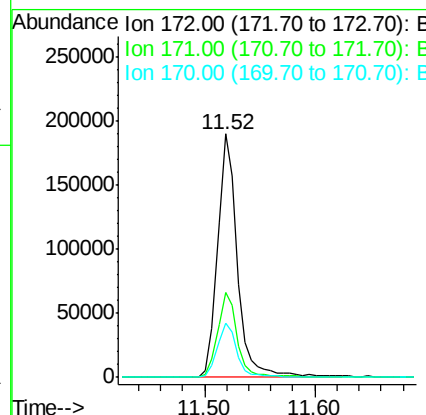
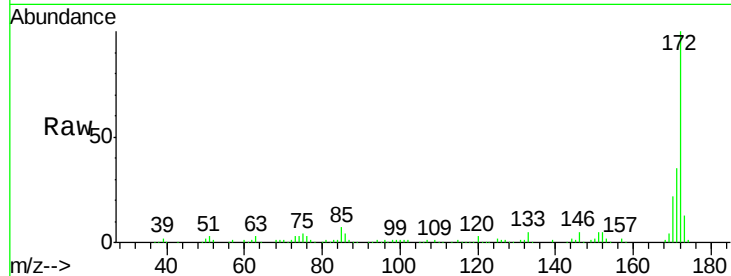
#44
2-Fluorobiphenyl
Concen: 29.842 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Instrument :
BNA_F
ClientSampleId :
E2-V10-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	235224		
171	34.9	29.6	44.4	
170	22.4	19.8	29.8	

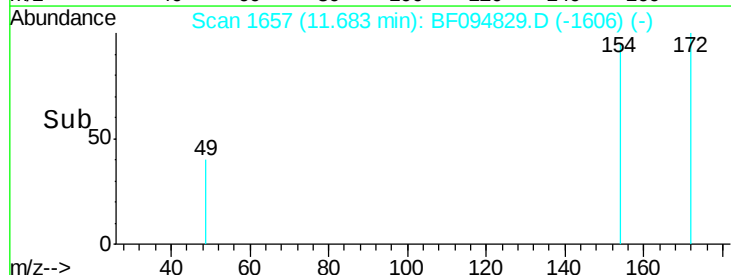
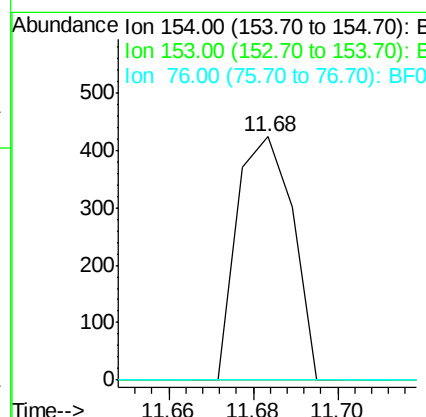
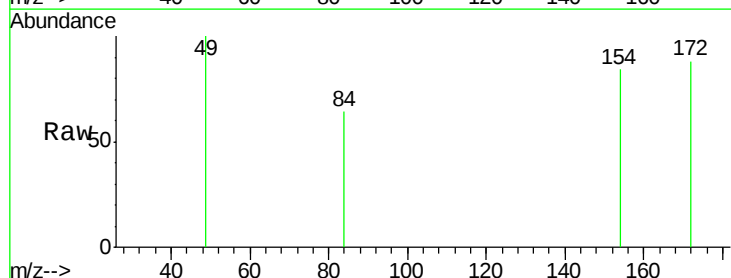
Manual Integrations
APPROVED

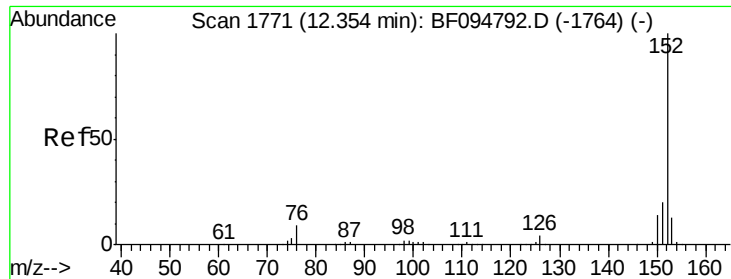
mohammad
5/4/2017 1:45:35 PM



#45
1,1'-Biphenyl
Concen: 0.041 ng
RT: 11.68 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	387		
153	0.0	21.2	61.2#	
76	0.0	0.0	29.9	





#48

Acenaphthylene

Concen: 0.435 ng

RT: 12.35 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF094829.D

Acq: 3 May 2017 11:32

Instrument :

BNA_F

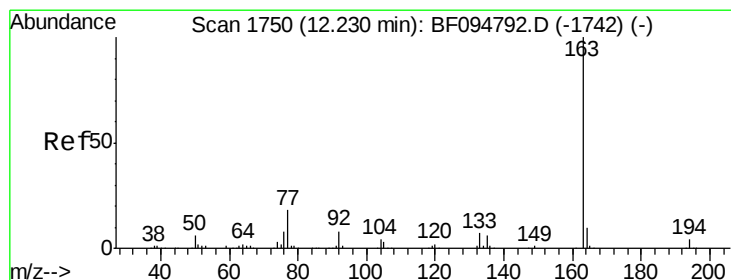
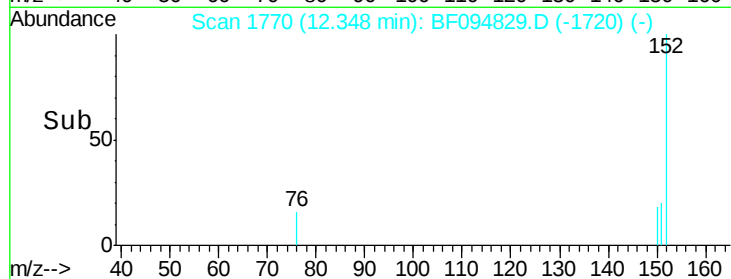
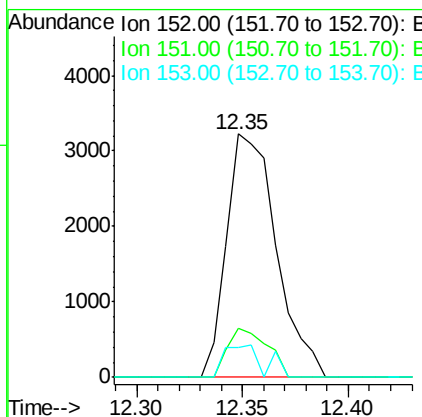
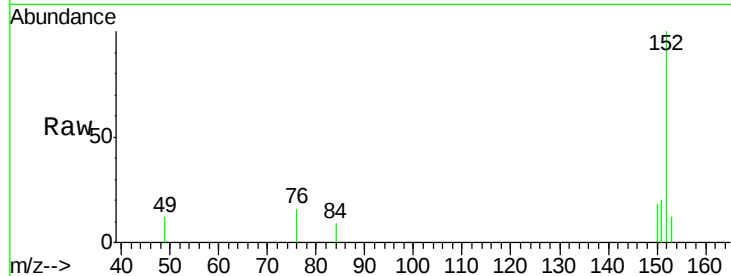
ClientSampleId :

E2-V10-BASE

Tgt Ion:	152	Resp:	5255
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.8	25.2
153	12.3	10.8	16.2

Manual Integrations
APPROVED

mohammad
5/4/2017 1:45:35 PM



#49

Dimethylphthalate

Concen: 2.011 ng

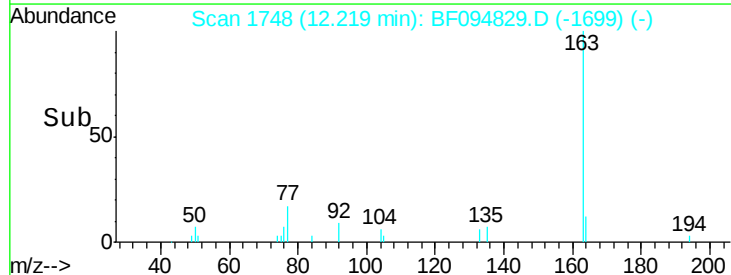
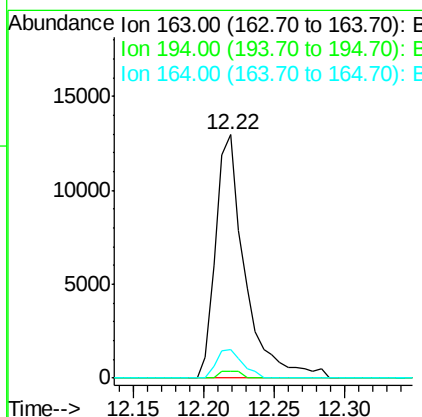
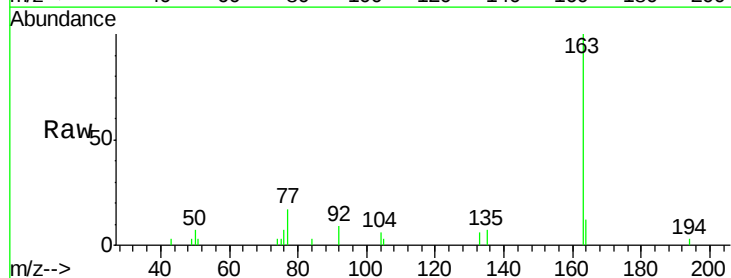
RT: 12.22 min Scan# 1748

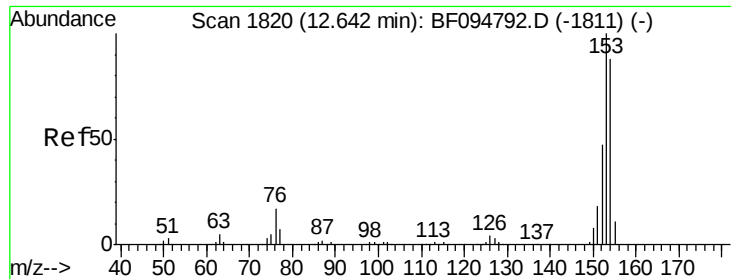
Delta R.T. -0.01 min

Lab File: BF094829.D

Acq: 3 May 2017 11:32

Tgt Ion:	163	Resp:	18727
Ion Ratio	Lower	Upper	
163	100		
194	2.9	2.6	4.0
164	12.0	8.4	12.6





#51

Acenaphthene

Concen: 0.041 ng

RT: 11.68 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BF094829.D

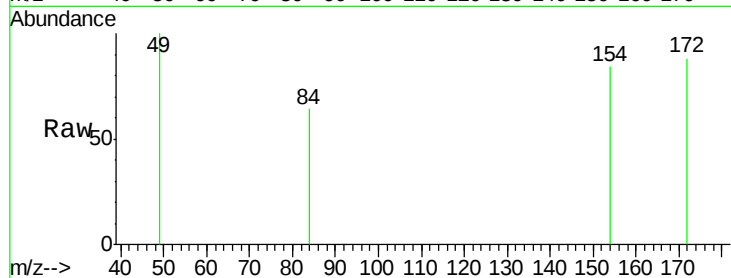
Acq: 3 May 2017 11:32

Instrument :

BNA_F

ClientSampleId :

E2-V10-BASE



Tgt Ion:154 Resp: 387

Ion Ratio Lower Upper

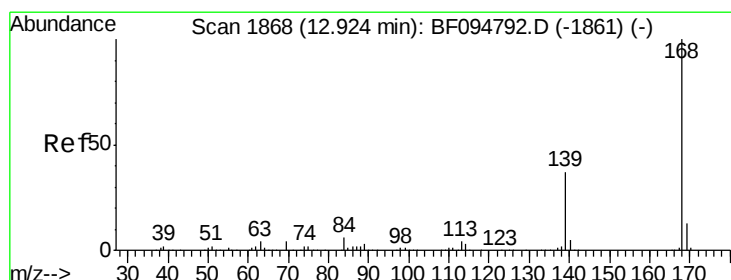
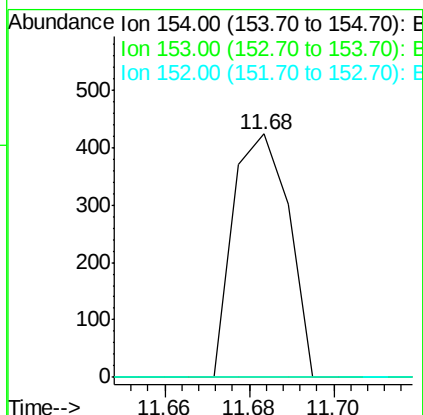
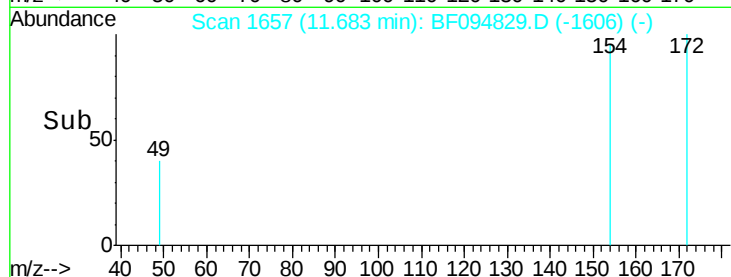
154 100

153 0.0 90.5 135.7#

152 0.0 43.6 65.4#

Manual Integrations
APPROVED

mohammad
5/4/2017 1:45:35 PM



#54

Dibenzofuran

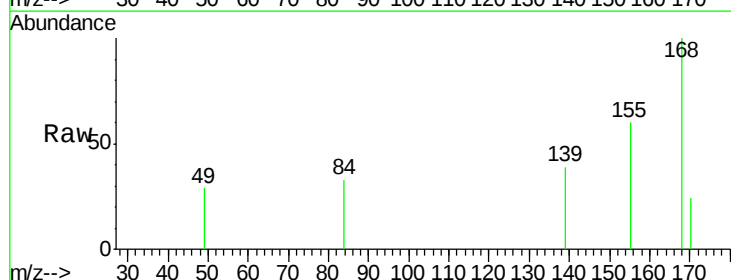
Concen: 0.208 ng

RT: 12.93 min Scan# 1869

Delta R.T. 0.01 min

Lab File: BF094829.D

Acq: 3 May 2017 11:32



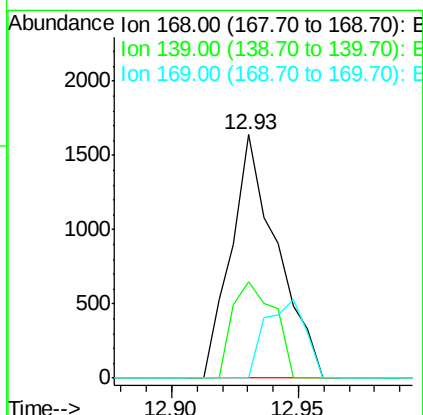
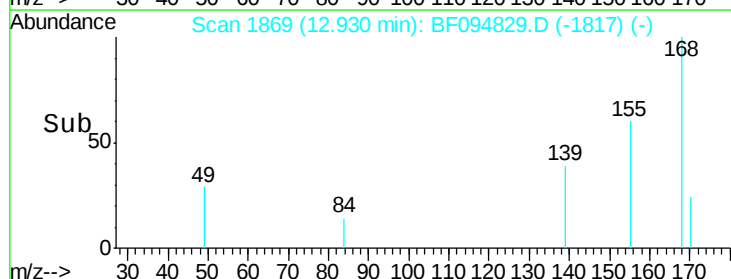
Tgt Ion:168 Resp: 2073

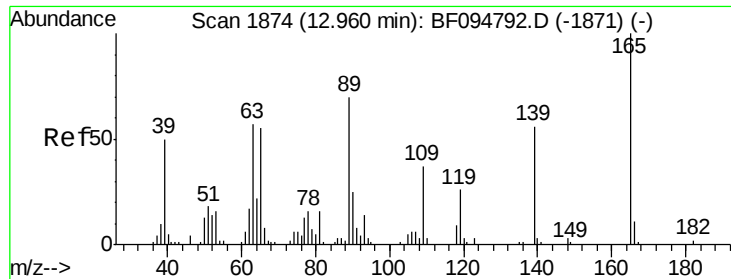
Ion Ratio Lower Upper

168 100

139 39.4 30.6 45.8

169 0.0 10.8 16.2#





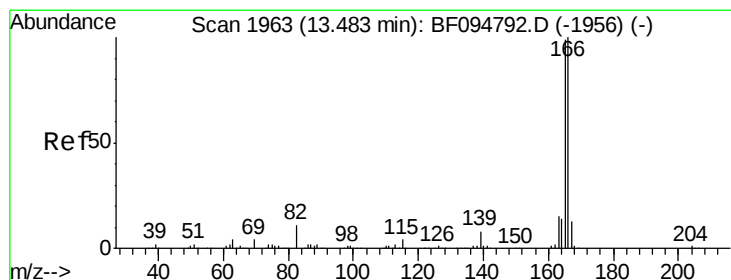
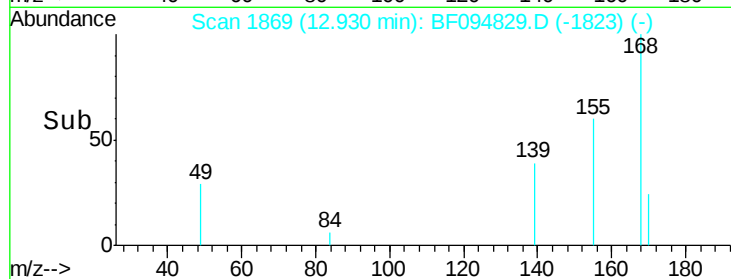
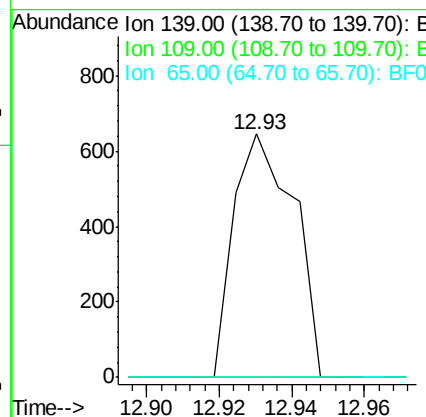
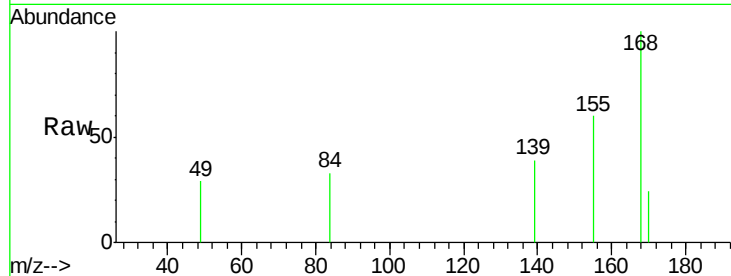
#55
4-Nitrophenol
Concen: 0.607 ng
RT: 12.93 min Scan# 1869
Delta R.T. -0.03 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Instrument :
BNA_F
ClientSampleId :
E2-V10-BASE

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

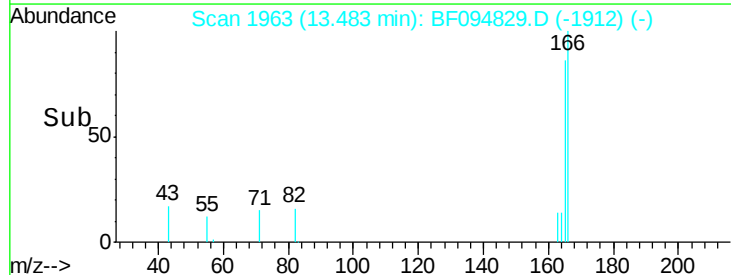
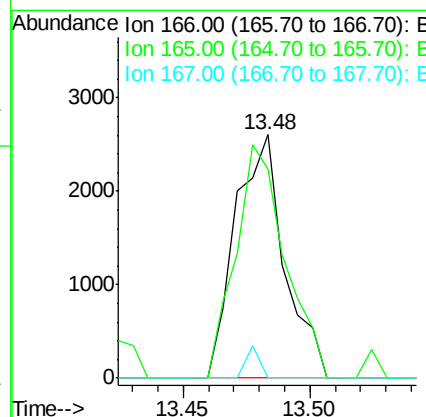
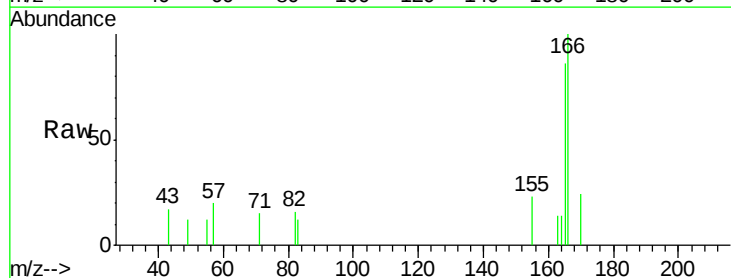
Manual Integrations
APPROVED

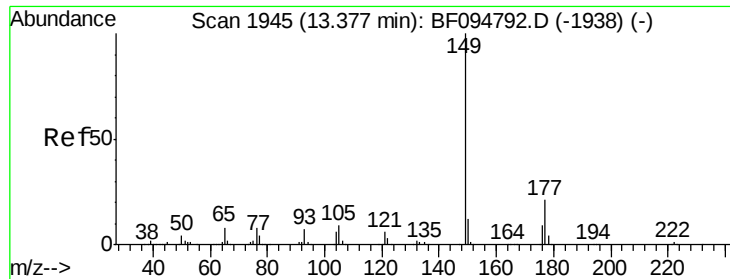
mohammad
5/4/2017 1:45:35 PM



#57
Fluorene
Concen: 0.404 ng
RT: 13.48 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	85.9	78.8	118.2
167	0.0	10.6	16.0#





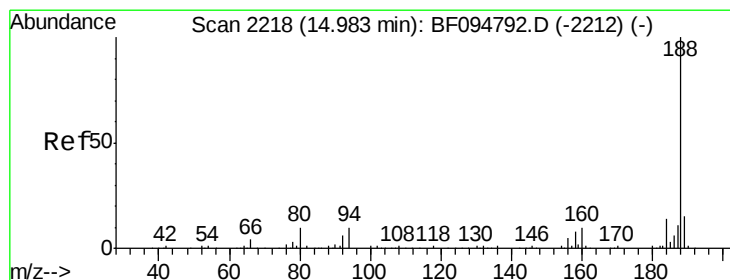
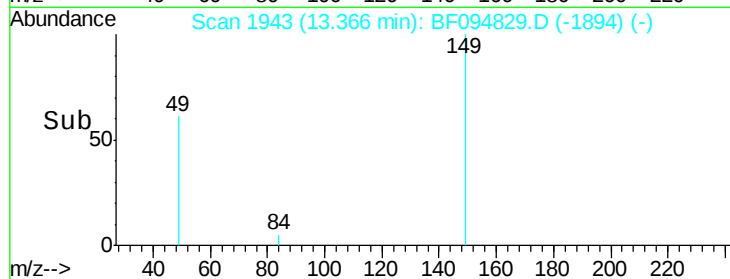
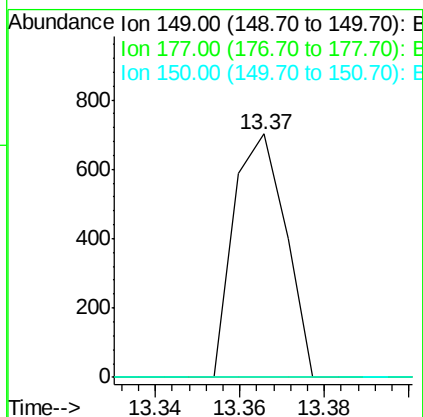
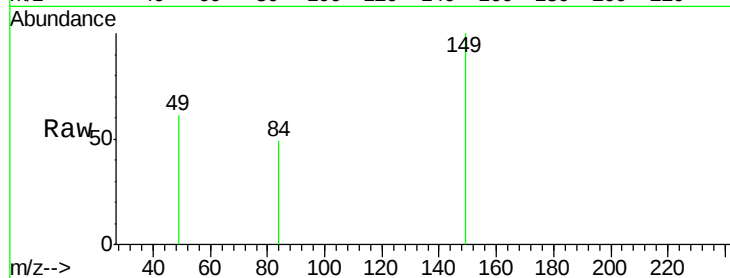
#59
Diethylphthalate
Concen: 0.067 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Instrument :
BNA_F
ClientSampleId :
E2-V10-BASE

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

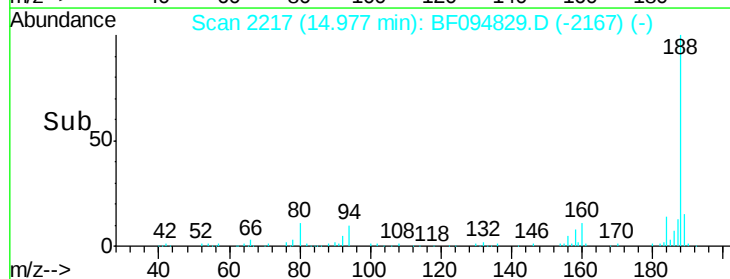
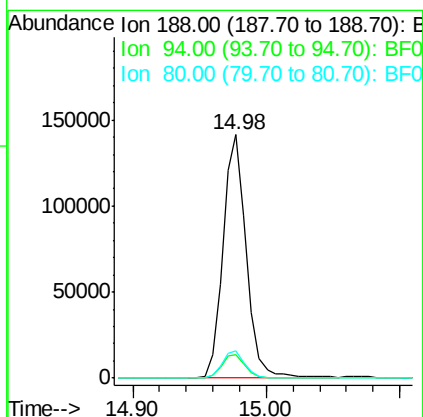
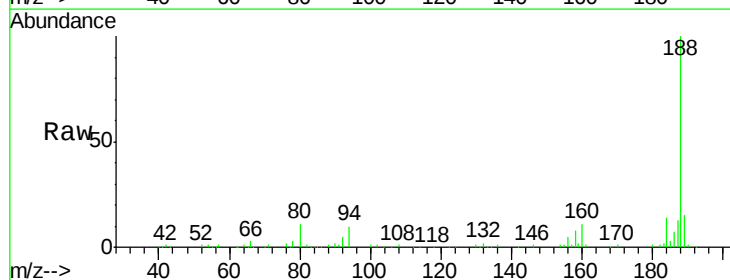
Manual Integrations
APPROVED

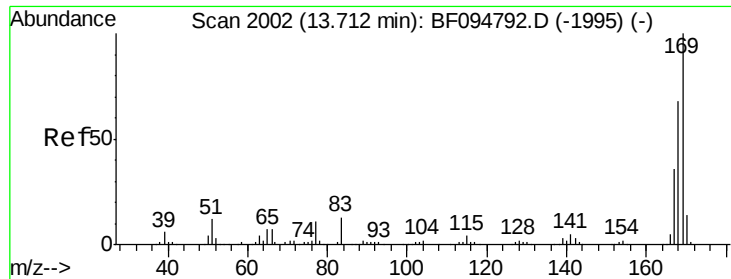
mohammad
5/4/2017 1:45:35 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	11.2	10.2	15.2





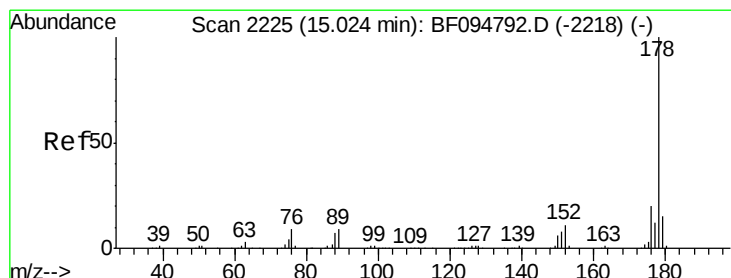
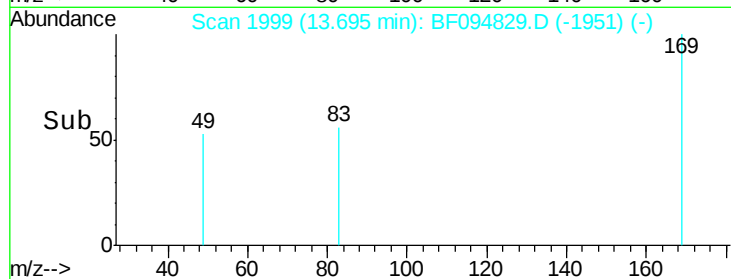
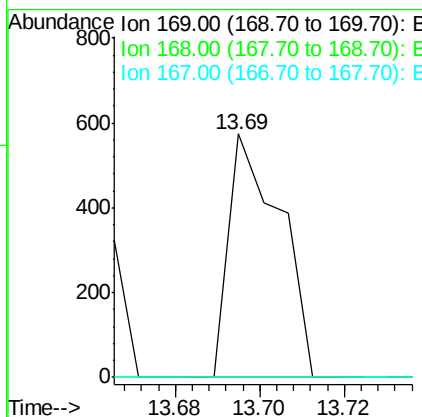
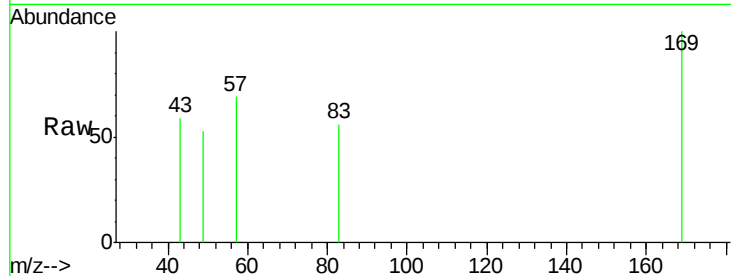
#65
 n-Nitrosodiphenylamine
 Concen: 0.077 ng
 RT: 13.69 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF094829.D
 Acq: 3 May 2017 11:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-V10-BASE

Tgt Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.2	79.8#
167	0.0	29.5	44.3#

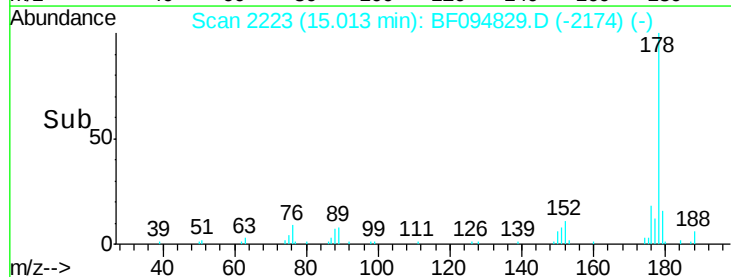
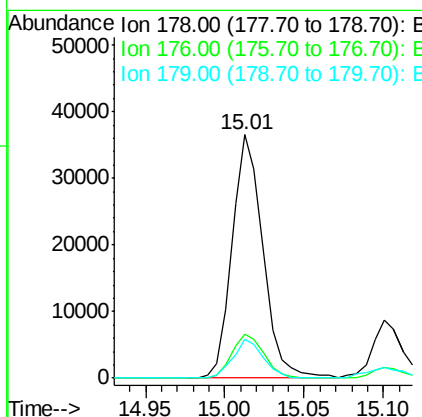
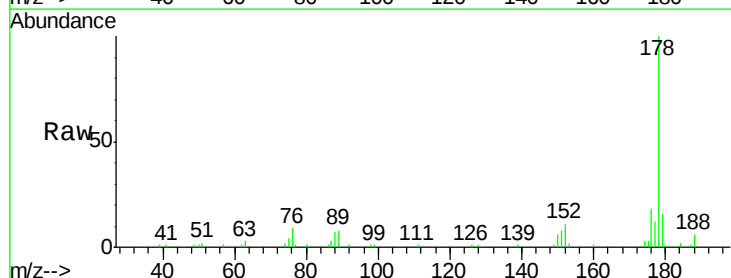
Manual Integrations
 APPROVED

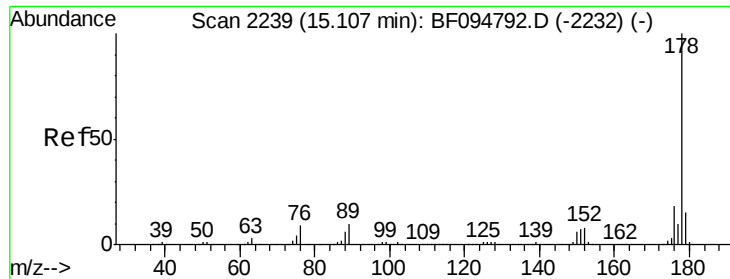
mohammad
 5/4/2017 1:45:35 PM



#70
 Phenanthrene
 Concen: 4.922 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094829.D
 Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	15.8	12.6	19.0





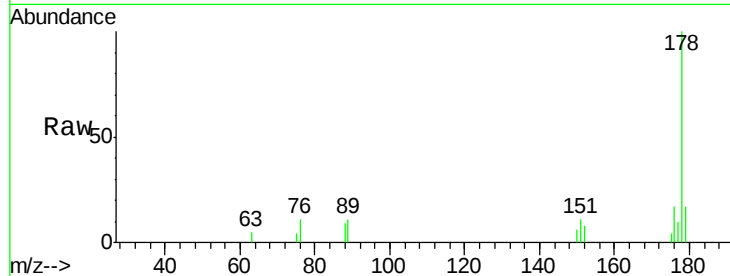
#71
 Anthracene
 Concen: 1.201 ng
 RT: 15.10 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF094829.D
 Acq: 3 May 2017 11:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-V10-BASE

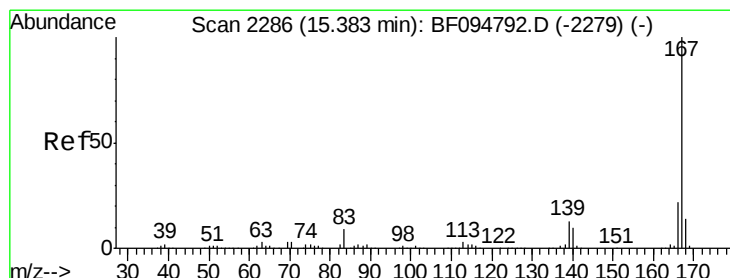
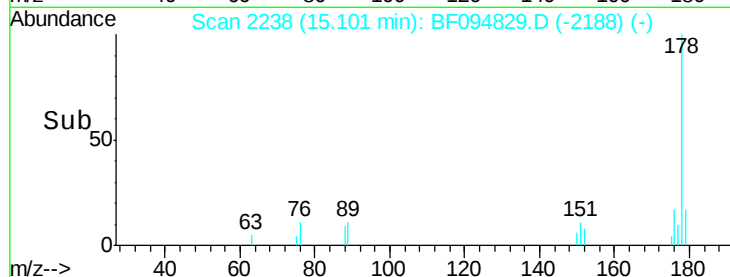
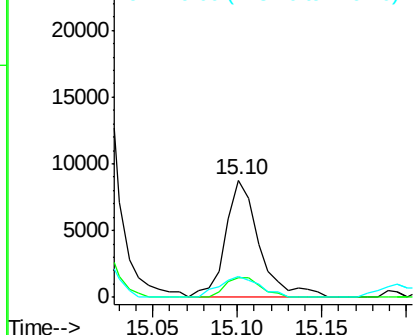
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.8	23.8
179	17.3	12.7	19.1

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:45:35 PM



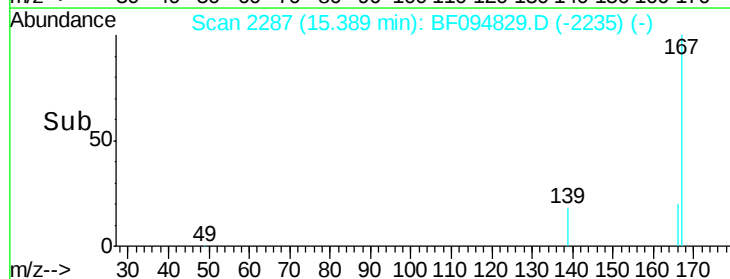
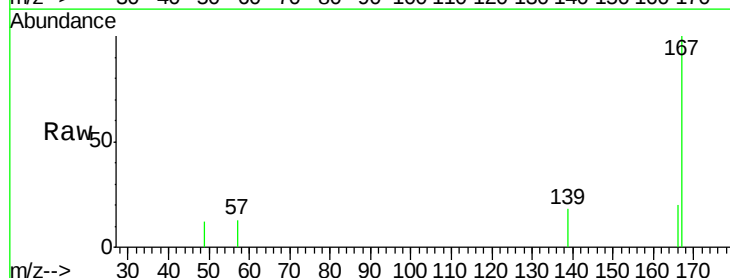
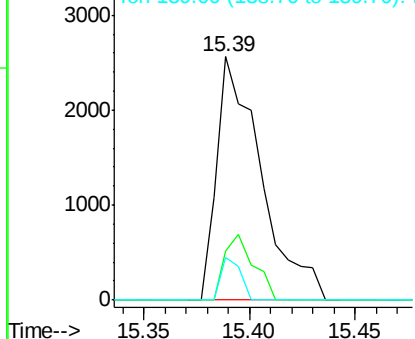
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

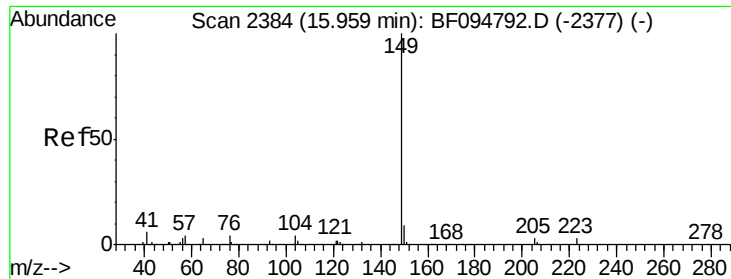


#72
 Carbazole
 Concen: 0.403 ng
 RT: 15.39 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF094829.D
 Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.1	18.1	27.1
139	17.5	11.7	17.5

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





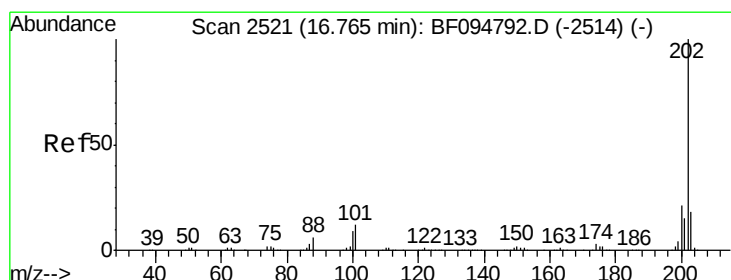
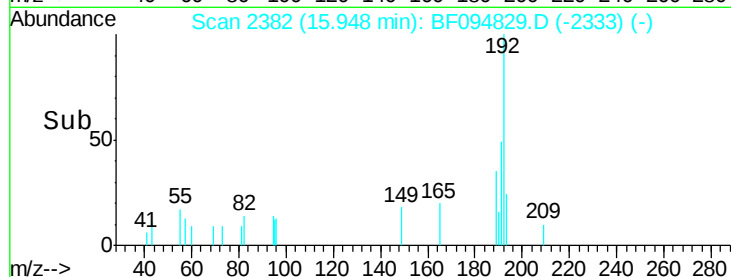
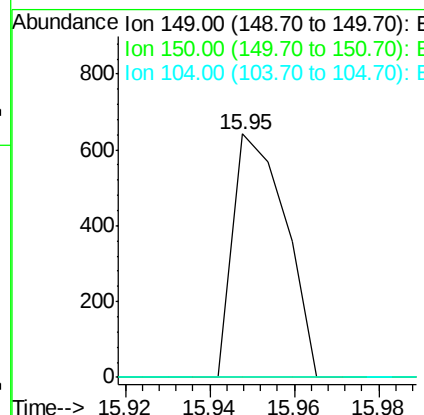
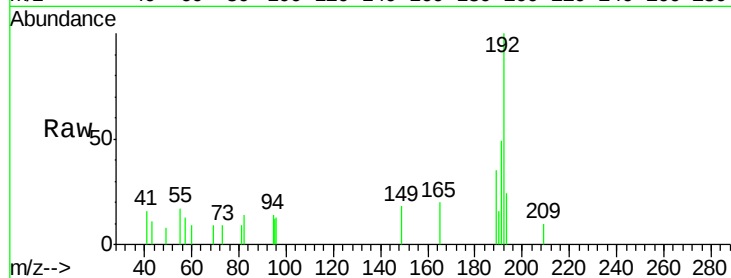
#73
Di-n-butylphthalate
Concen: 0.048 ng
RT: 15.95 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Instrument :
BNA_F
ClientSampleId :
E2-V10-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	554		
150	0.0	7.7	11.5#	
104	0.0	4.0	6.0#	

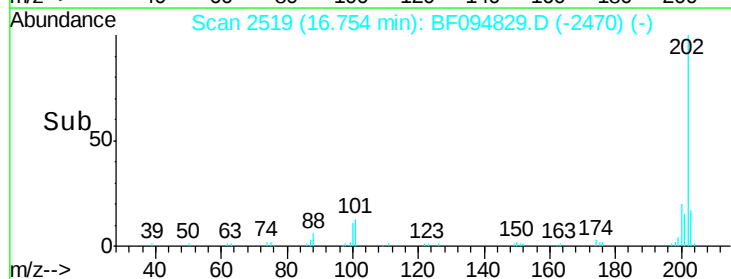
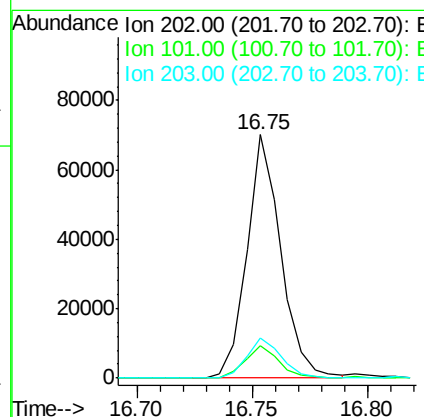
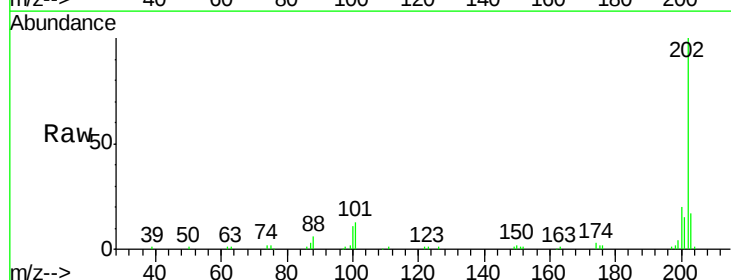
Manual Integrations
APPROVED

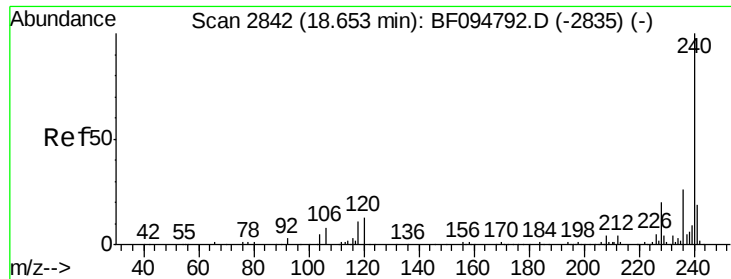
mohammad
5/4/2017 1:45:35 PM



#74
Fluoranthene
Concen: 7.021 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	71819		
101	13.1	0.0	33.2	
203	16.7	0.0	38.1	





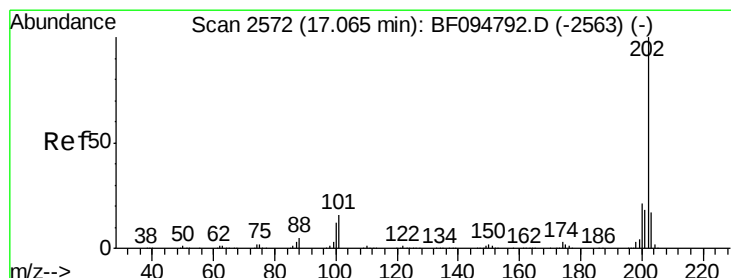
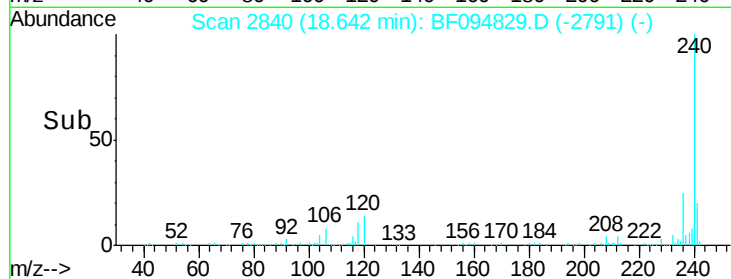
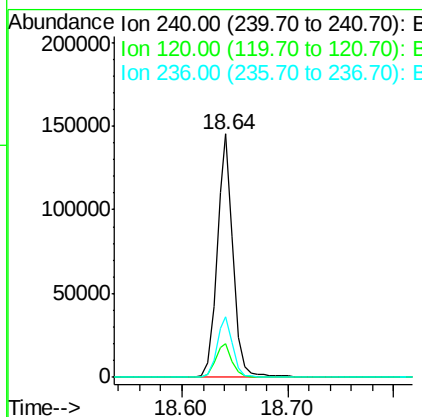
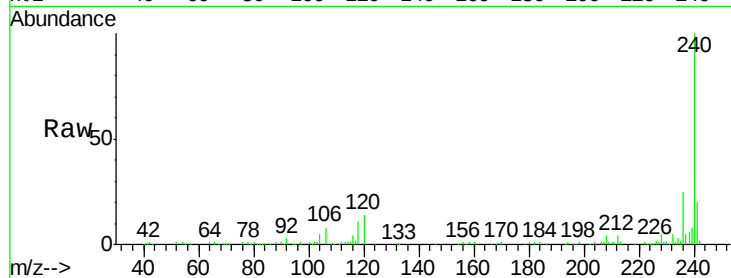
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Instrument :
BNA_F
ClientSampleId :
E2-V10-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	153019		
120	13.8	5.8	8.8#	
236	24.9	20.5	30.7	

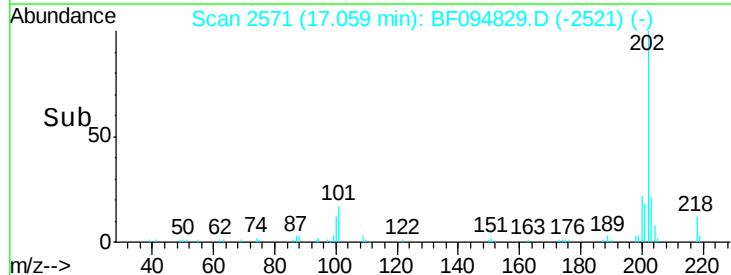
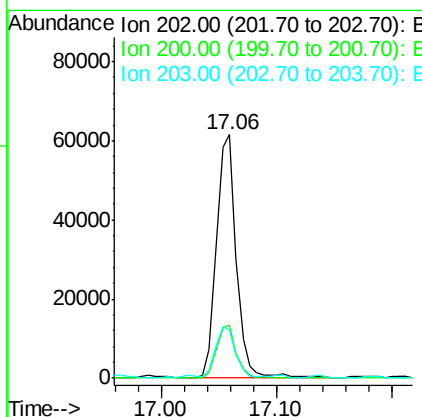
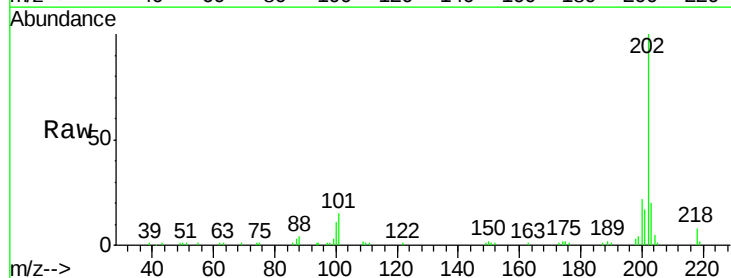
Manual Integrations
APPROVED

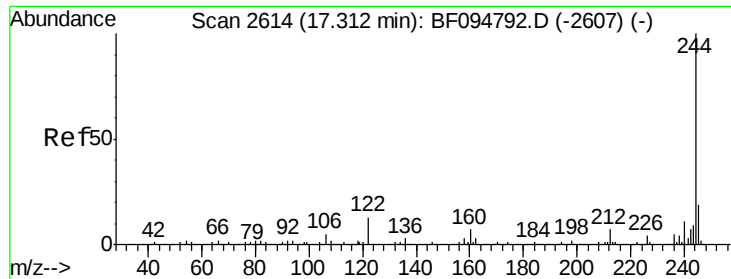
mohammad
5/4/2017 1:45:35 PM



#77
Pyrene
Concen: 6.438 ng
RT: 17.06 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	73683		
200	21.8	17.6	26.4	
203	19.7	14.4	21.6	





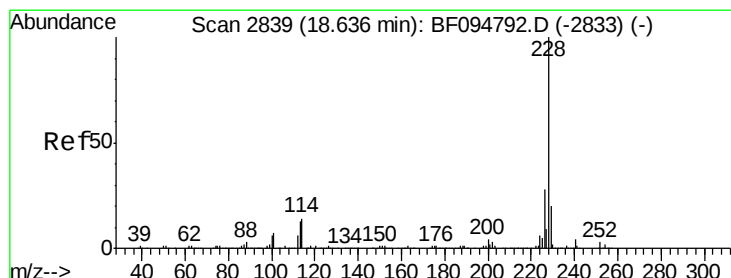
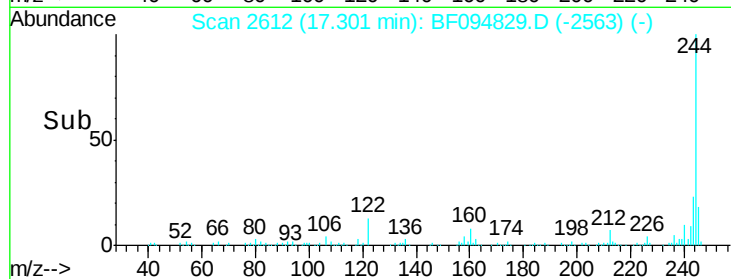
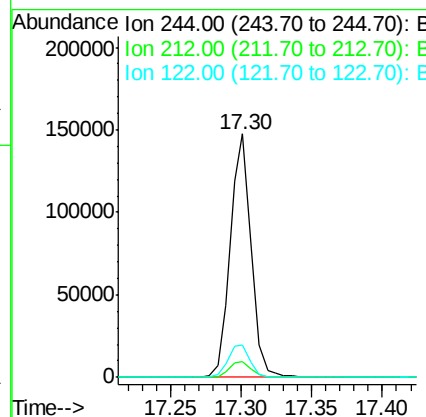
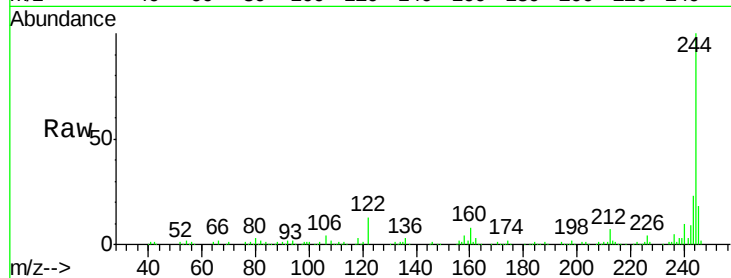
#78
 Terphenyl-d14
 Concen: 21.705 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094829.D
 Acq: 3 May 2017 11:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-V10-BASE

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	6.0	9.0
122	13.2	10.3	15.5

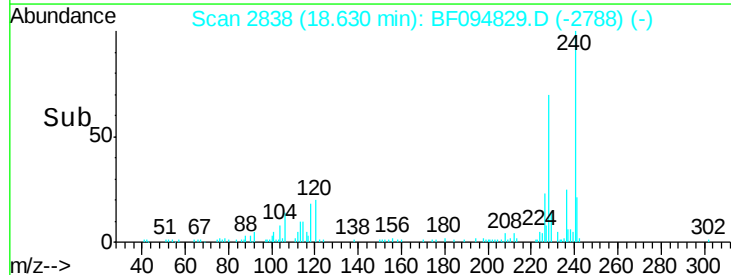
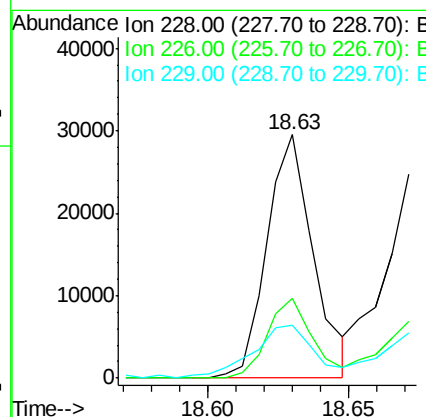
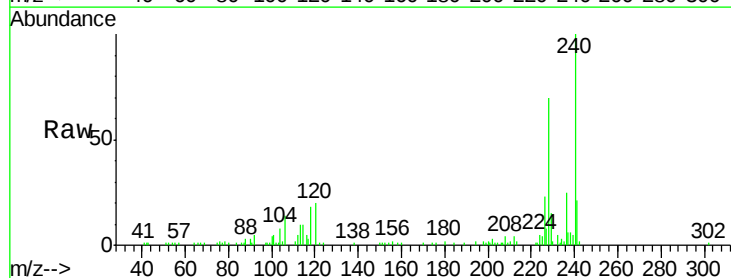
Manual Integrations
 APPROVED

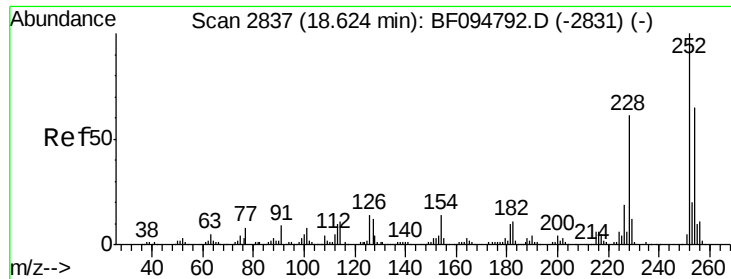
mohammad
 5/4/2017 1:45:35 PM



#80
 Benzo(a)anthracene
 Concen: 3.782 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: BF094829.D
 Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.8	22.6	33.8
229	21.8	16.3	24.5





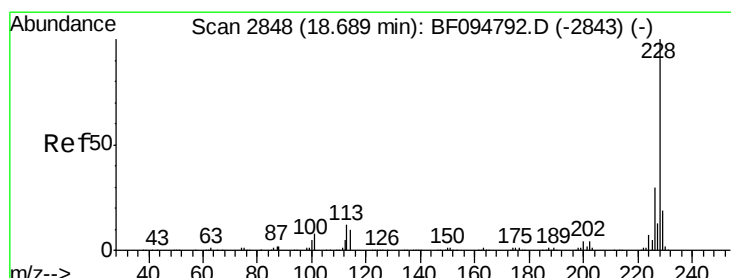
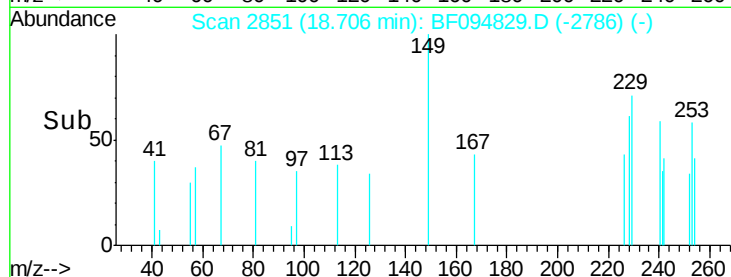
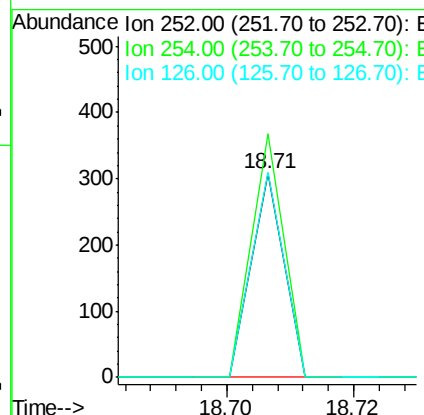
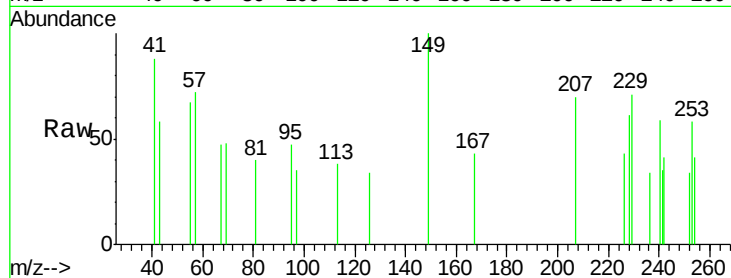
#81
 3,3'-Dichlorobenzidine
 Concen: 0.035 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. 0.08 min
 Lab File: BF094829.D
 Acq: 3 May 2017 11:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-V10-BASE

Tgt Ion	Ratio	Lower	Upper
252	100		
254	119.5	51.5	77.3#
126	100.6	15.8	23.8#

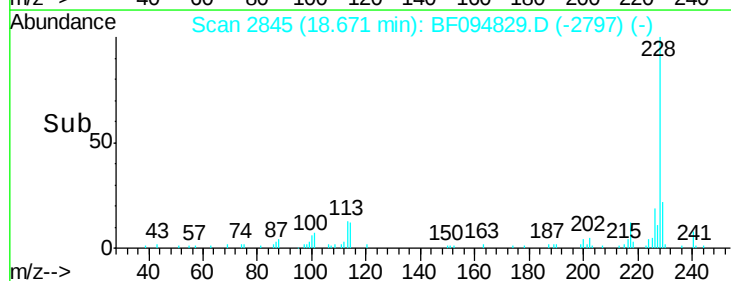
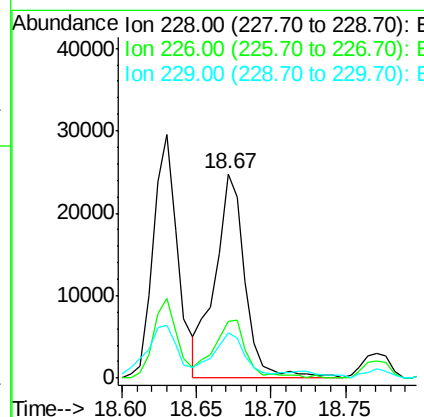
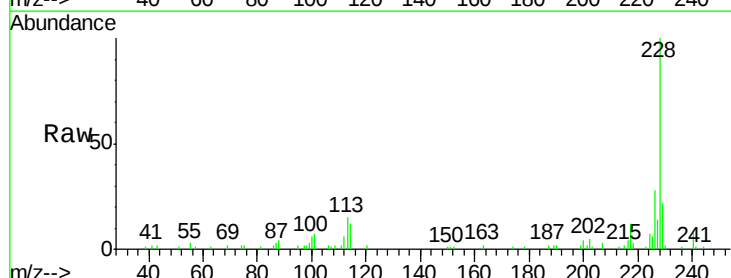
Manual Integrations
 APPROVED

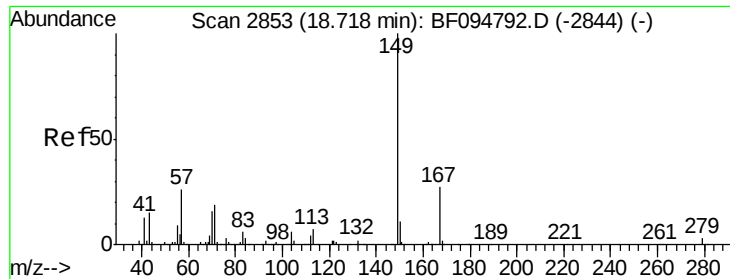
mohammad
 5/4/2017 1:45:35 PM



#82
 Chrysene
 Concen: 4.087 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094829.D
 Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.9	37.3
229	21.9	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.194 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF094829.D

Acq: 3 May 2017 11:32

Instrument :

BNA_F

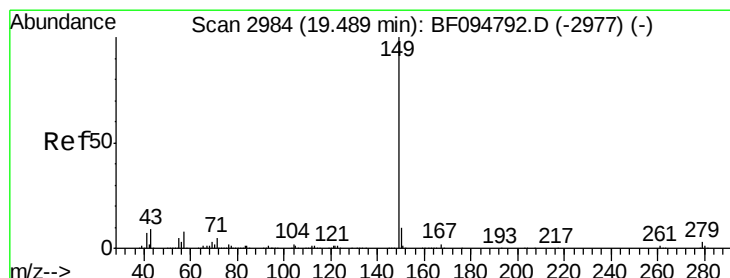
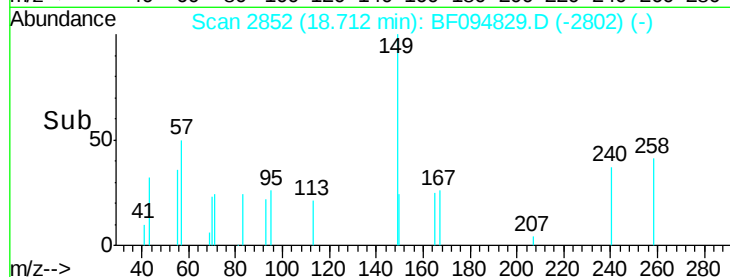
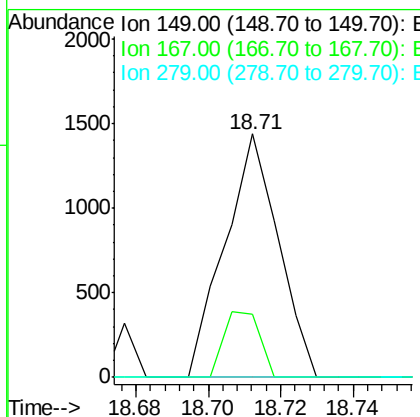
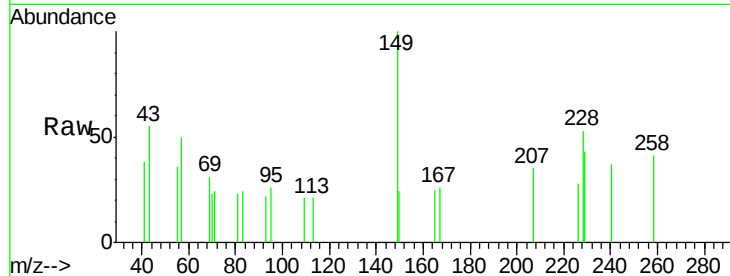
ClientSampleId :

E2-V10-BASE

Tgt Ion:	149	Resp:	1475
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.0	31.4
279	0.0	1.9	2.9#

Manual Integrations
APPROVED

mohammad
5/4/2017 1:45:35 PM



#84

Di-n-octyl phthalate

Concen: 0.011 ng

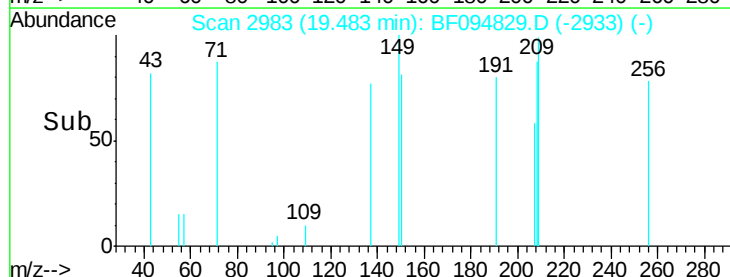
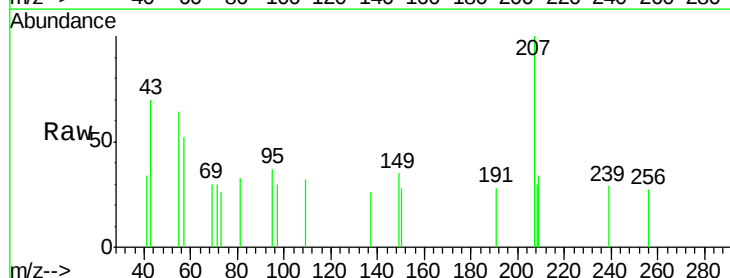
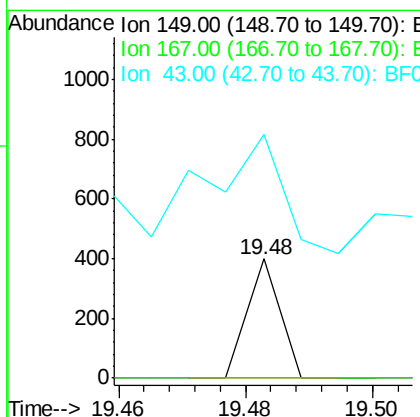
RT: 19.48 min Scan# 2983

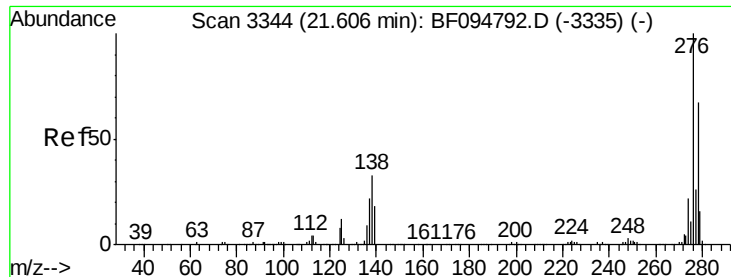
Delta R.T. -0.01 min

Lab File: BF094829.D

Acq: 3 May 2017 11:32

Tgt Ion:	149	Resp:	141
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.2	1.8#
43	231.9	8.5	12.7#





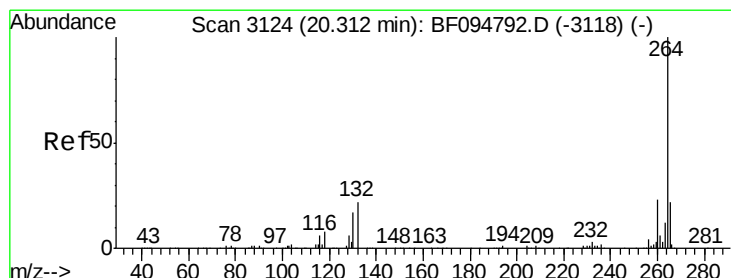
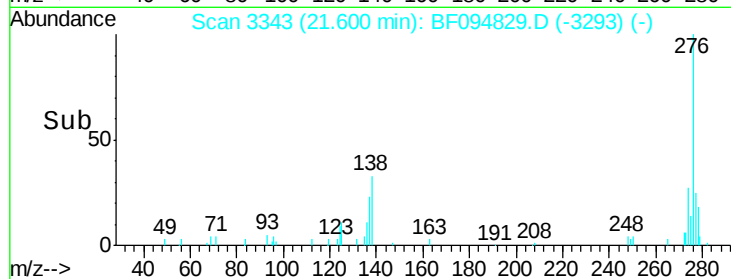
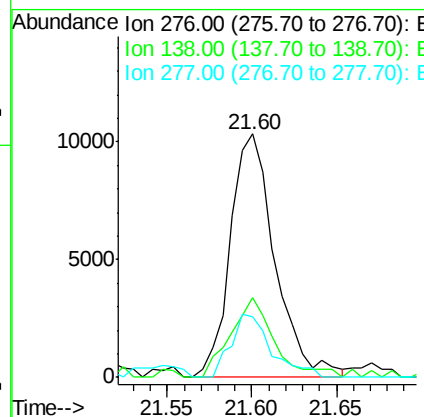
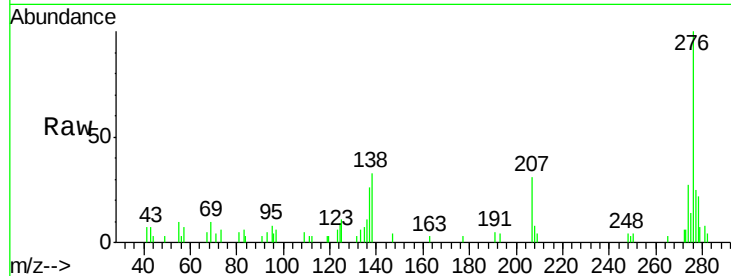
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.722 ng
 RT: 21.60 min Scan# 3343
 Delta R.T. -0.01 min
 Lab File: BF094829.D
 Acq: 3 May 2017 11:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-V10-BASE

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	27.8	41.6
277	23.5	20.2	30.4

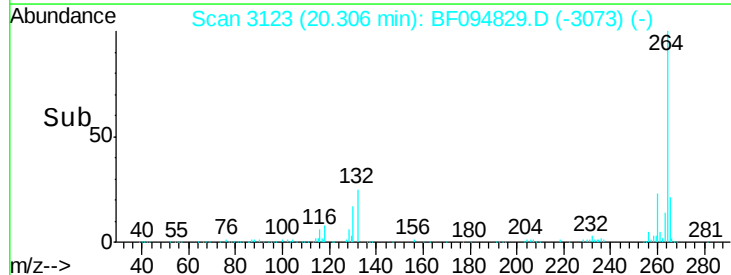
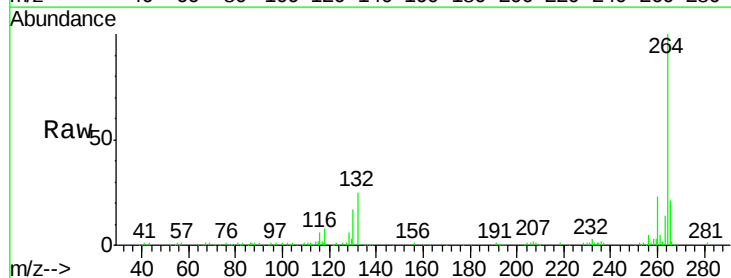
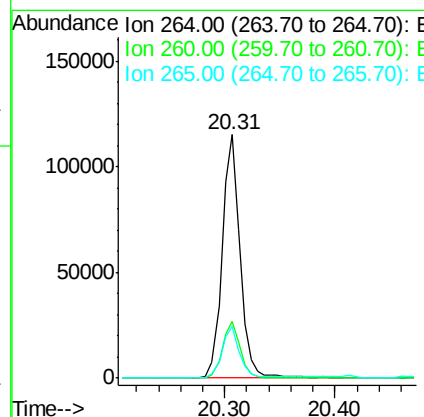
Manual Integrations
 APPROVED

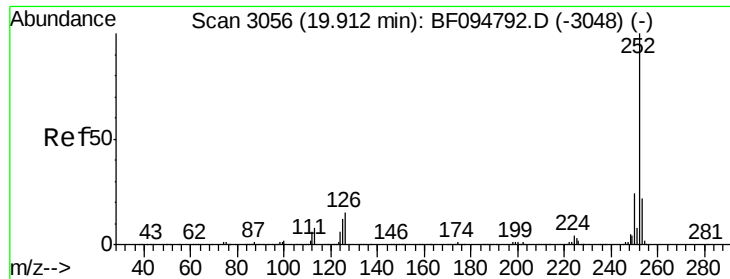
mohammad
 5/4/2017 1:45:35 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094829.D
 Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.1	17.2	25.8





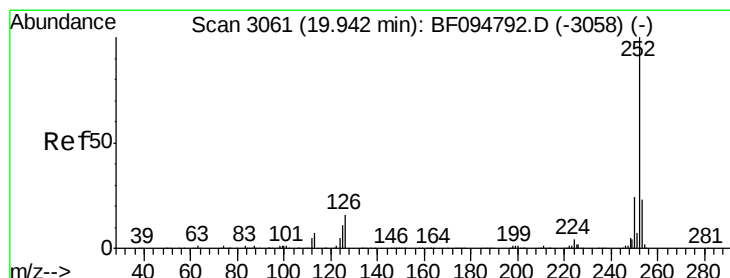
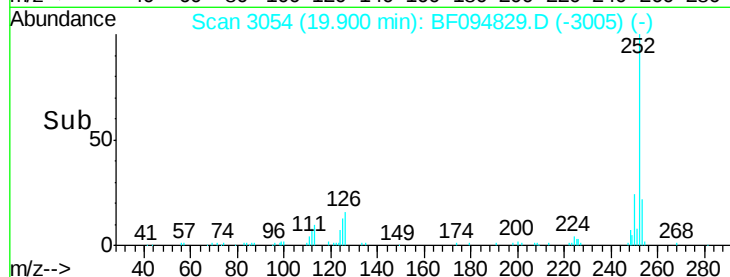
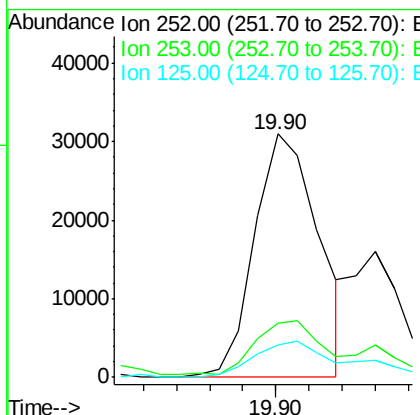
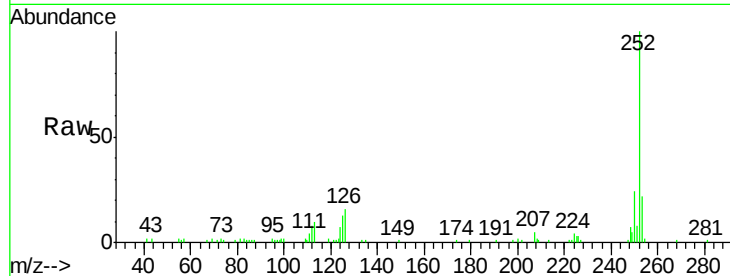
#87
Benzo(b)fluoranthene
Concen: 5.199 ng m
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Instrument :
BNA_F
ClientSampleId :
E2-V10-BASE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.2	9.8	14.8

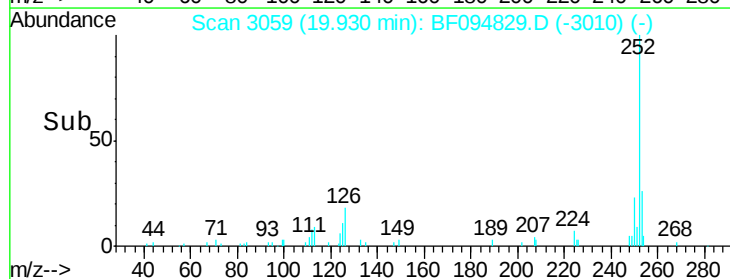
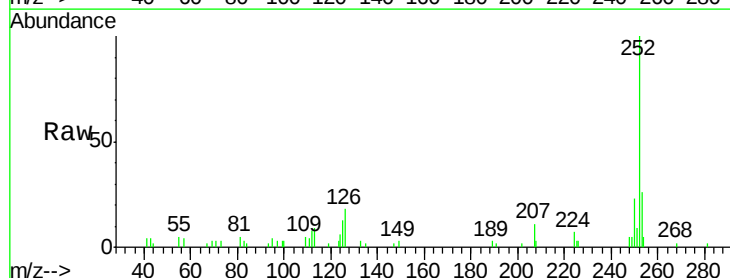
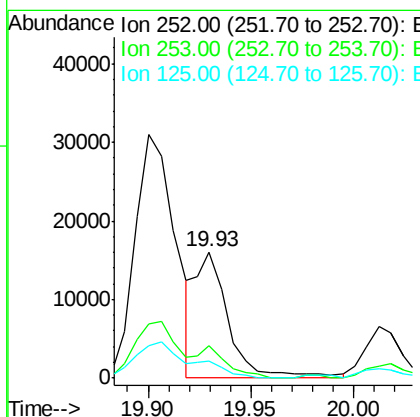
Manual Integrations
APPROVED

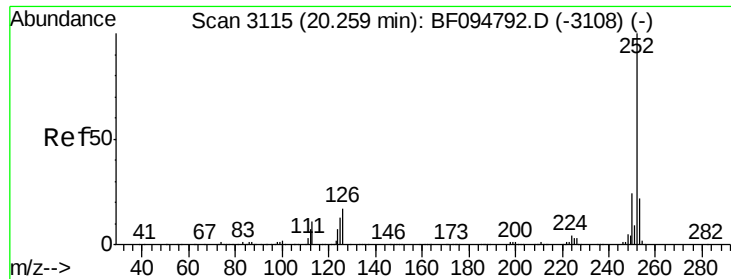
mohammad
5/4/2017 1:45:35 PM



#88
Benzo(k)fluoranthene
Concen: 2.356 ng m
RT: 19.93 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF094829.D
Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.4	27.6
125	13.1	13.1	19.7





#89

Benzo(a)pyrene

Concen: 4.548 ng

RT: 20.25 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BF094829.D

Acq: 3 May 2017 11:32

Instrument :

BNA_F

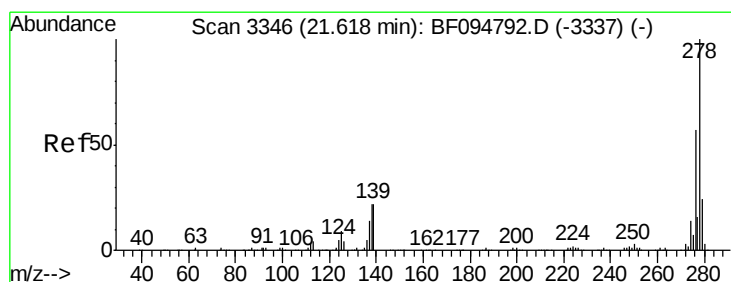
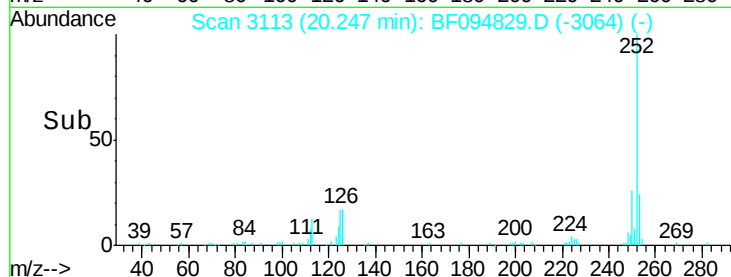
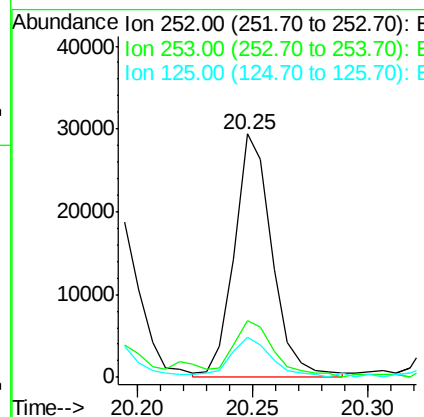
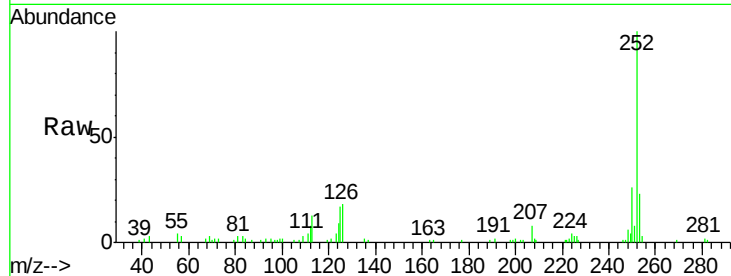
ClientSampleId :

E2-V10-BASE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	16.6	11.0	16.4

Manual Integrations
APPROVED

mohammad
5/4/2017 1:45:35 PM



#90

Dibenzo(a,h)anthracene

Concen: 0.943 ng

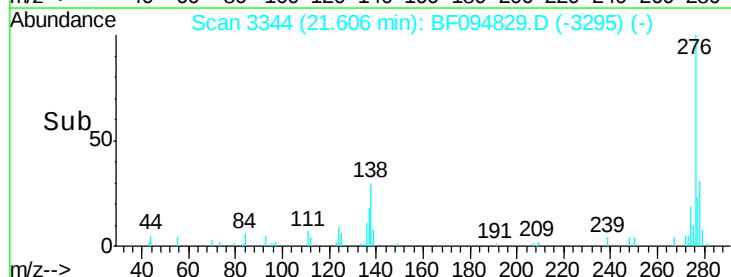
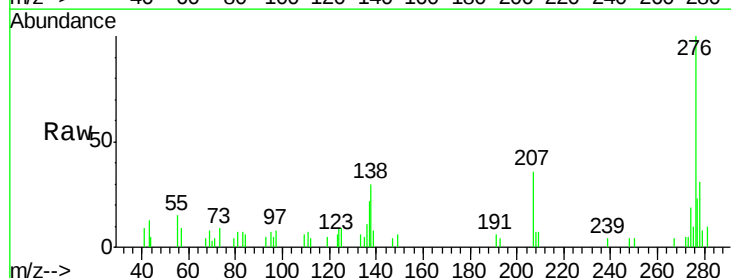
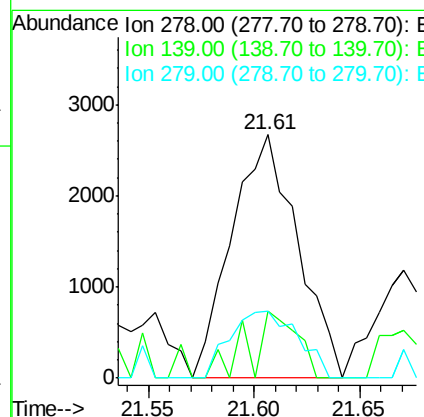
RT: 21.61 min Scan# 3344

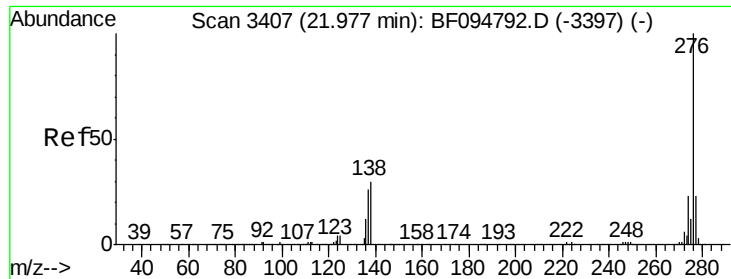
Delta R.T. -0.01 min

Lab File: BF094829.D

Acq: 3 May 2017 11:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.4	16.6	24.8
279	27.4	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 2.799 ng
 RT: 21.98 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: BF094829.D
 Acq: 3 May 2017 11:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-V10-BASE

Tgt Ion:	276	Resp:	16813
Ion Ratio		Lower	Upper
276	100		
277	24.0	18.6	28.0
138	32.8	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:45:35 PM

