

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094826.D
 Acq On : 3 May 2017 9:56
 Operator : SJ/MA
 Sample : I2892-07DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-S(4.5-5)DL

Manual Integrations
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Quant Time: May 03 11:51:43 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	77963	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	314512	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	144525	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	221105	20.00	ng	0.00
75) Chrysene-d12	18.64	240	178533	20.00	ng	-0.01
86) Perylene-d12	20.31	264	152537	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	161674	34.57	ng	0.00
7) Phenol-d6	7.26	99	198862	35.44	ng	-0.02
23) Nitrobenzene-d5	8.62	82	114770	23.01	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	34292	28.97	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	217640	21.68	ng	-0.01
78) Terphenyl-d14	17.30	244	145661	17.97	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	114	0.050	ng	# 1
10) Phenol	7.30	94	4087	0.691	ng	# 74
15) Benzyl Alcohol	7.96	79	1718	0.476	ng	# 46
24) Nitrobenzene	8.61	77	119	0.023	ng	# 39
25) Isophorone	9.00	82	289	0.032	ng	# 67
31) Naphthalene	9.78	128	1483	0.094	ng	# 68
37) 2-Methylnaphthalene	10.92	142	735	0.071	ng	# 57
45) 1,1'-Biphenyl	11.68	154	109	0.009	ng	# 42
48) Acenaphthylene	12.35	152	3452	0.224	ng	# 95
49) Dimethylphthalate	12.21	163	49396	4.163	ng	# 98
51) Acenaphthene	11.68	154	109	0.009	ng	# 4
54) Dibenzofuran	12.93	168	3710	0.292	ng	# 94
55) 4-Nitrophenol	12.93	139	1205	0.772	ng	# 25
57) Fluorene	13.48	166	7475	0.676	ng	# 99
59) Diethylphthalate	13.36	149	1097	0.096	ng	# 60
62) Azobenzene	13.94	77	124	0.014	ng	# 50
65) n-Nitrosodiphenylamine	13.79	169	108	0.013	ng	# 24
70) Phenanthrene	15.01	178	132079	10.397	ng	# 97
71) Anthracene	15.10	178	38373	2.957	ng	# 96
72) Carbazole	15.39	167	8444	0.715	ng	# 92
73) Di-n-butylphthalate	15.95	149	823	0.056	ng	# 78
74) Fluoranthene	16.75	202	285953	21.943	ng	# 99
77) Pyrene	17.05	202	253241	18.966	ng	# 94
79) Butylbenzylphthalate	17.88	149	114	0.018	ng	# 32
80) Benzo(a)anthracene	18.63	228	129571	12.470	ng	# 97
81) 3,3'-Dichlorobenzidine	18.71	252	741	0.206	ng	# 27
82) Chrysene	18.67	228	118522	11.797	ng	# 100
83) Bis(2-ethylhexyl)phthalate	18.71	149	1620	0.183	ng	# 52
84) Di-n-octyl phthalate	19.47	149	652	0.045	ng	# 45
85) Indeno(1,2,3-cd)pyrene	21.59	276	57771	7.081	ng	# 95
87) Benzo(b)fluoranthene	19.90	252	149949m	15.909	ng	#
88) Benzo(k)fluoranthene	19.93	252	55125m	6.063	ng	#
89) Benzo(a)pyrene	20.25	252	116134	13.353	ng	# 97
90) Dibenzo(a,h)anthracene	21.75	278	11991	1.669	ng	# 92

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Quant Time: May 03 11:51:43 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	21.97	276	59565	8.450	ng	92

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

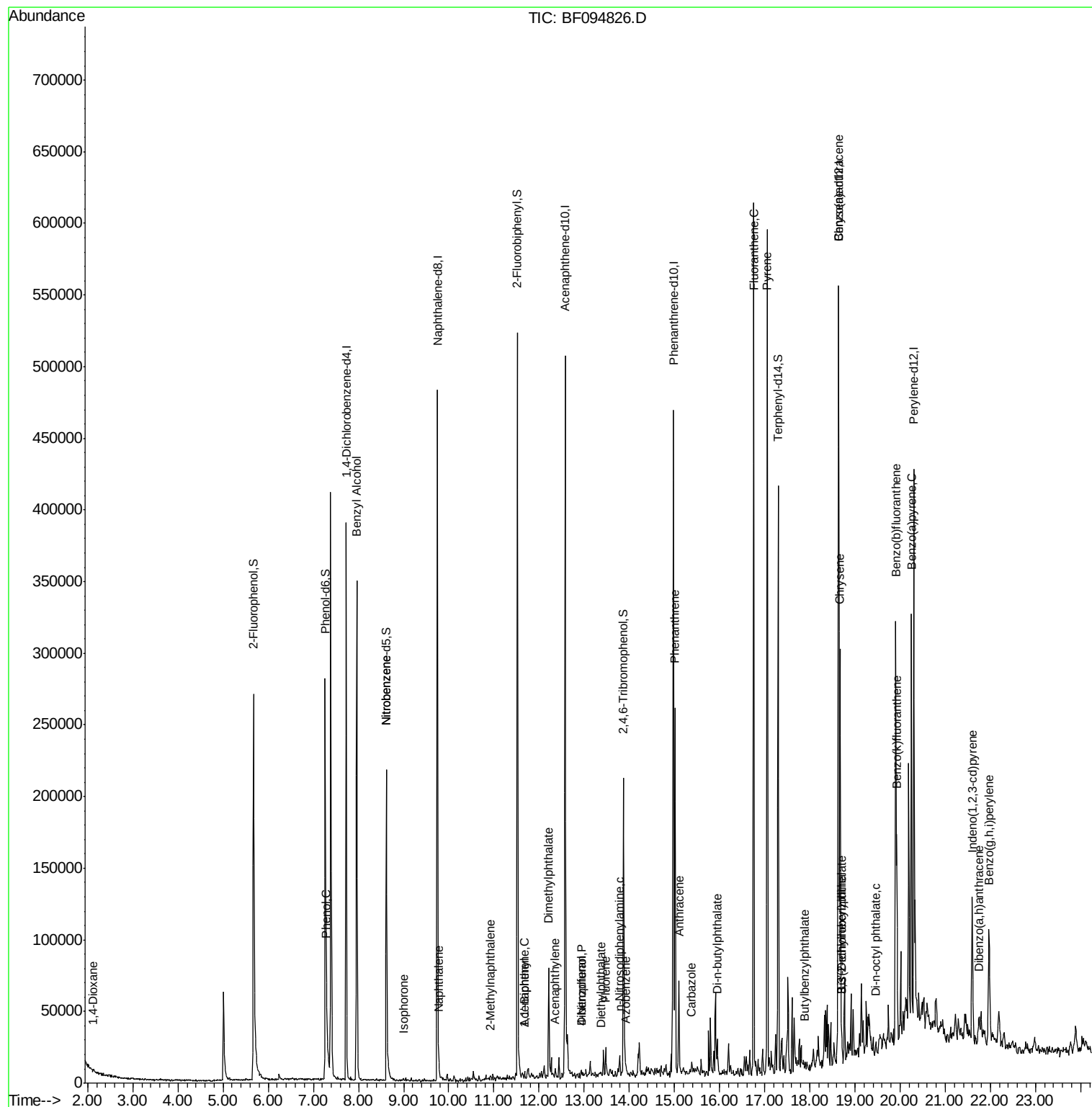
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
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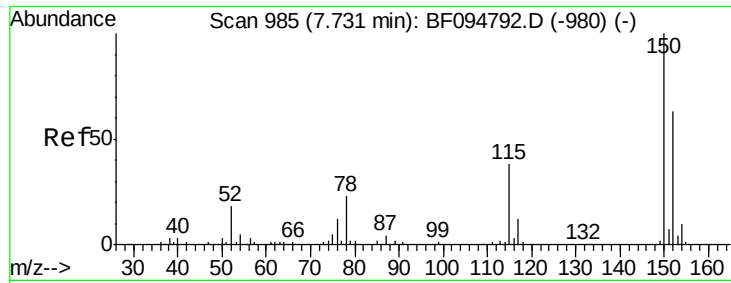
Instrument :
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#1

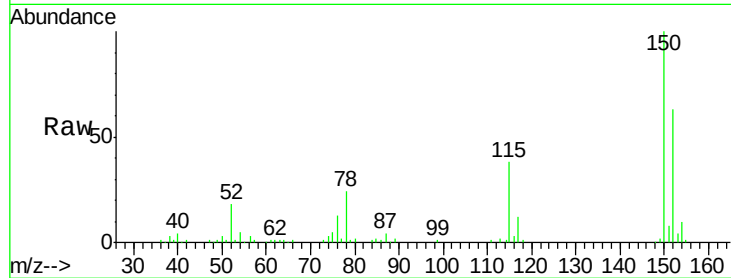
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Instrument :
BNA_F
ClientSampleId :
OWS-S(4.5-5)DL

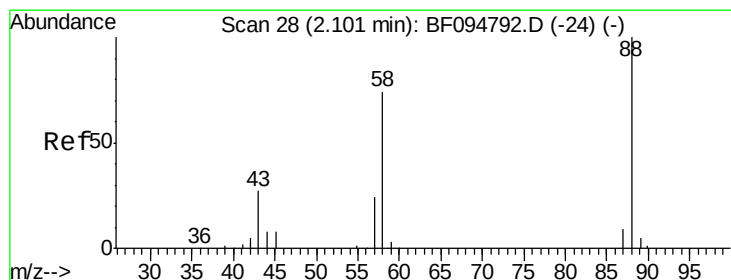
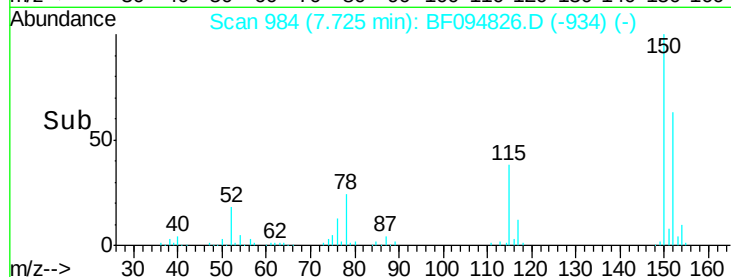
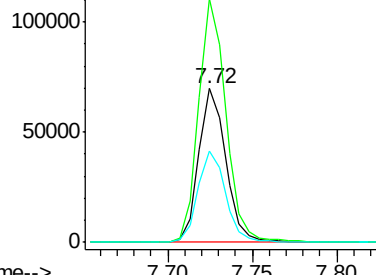
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	59.5	52.2	78.2

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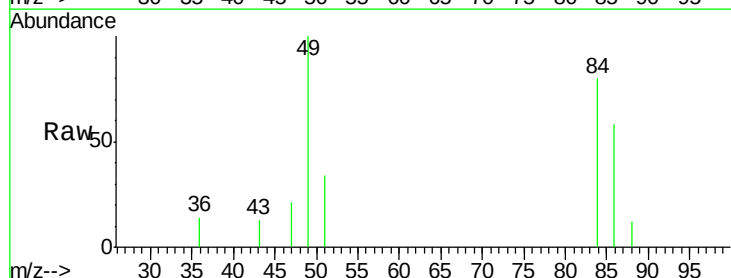
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



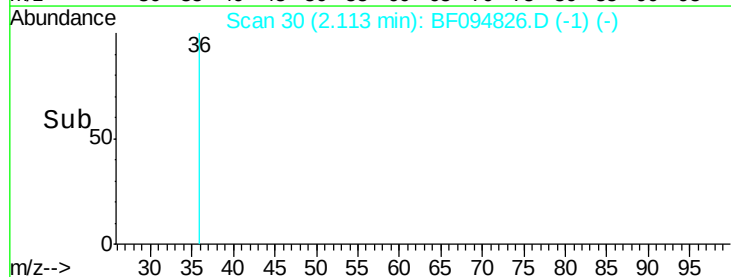
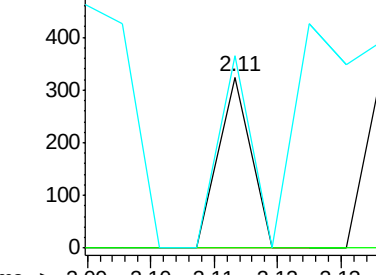
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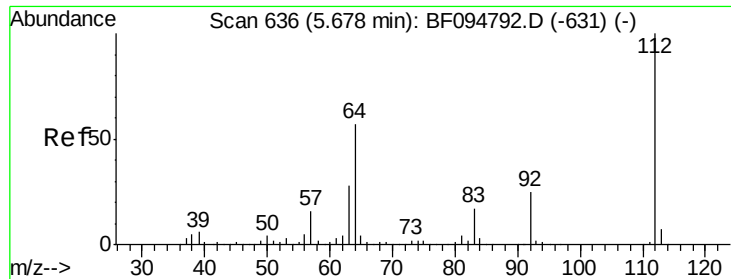
1,4-Dioxane
Concen: 0.050 ng
RT: 2.11 min Scan# 30
Delta R.T. 0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	475.4	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: 34.573 ng

RT: 5.68 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF094826.D

Acq: 3 May 2017 9:56

Instrument :

BNA_F

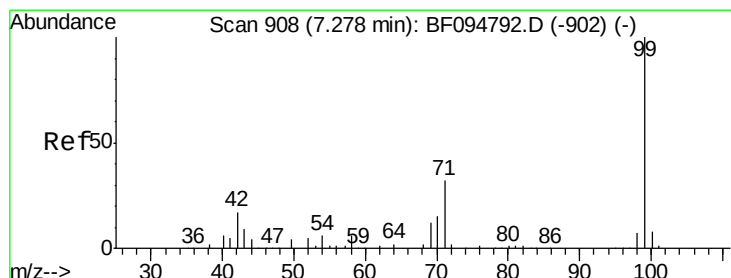
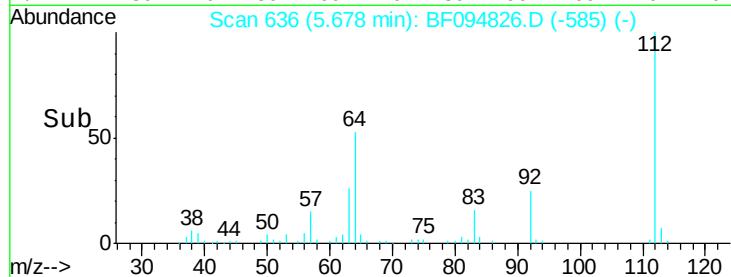
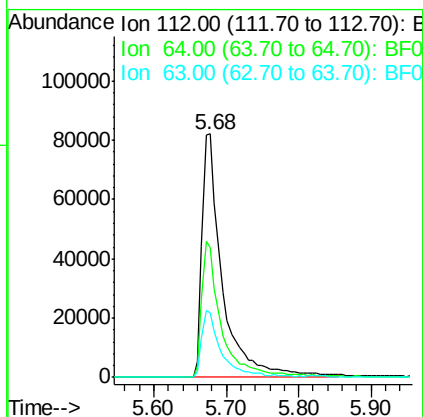
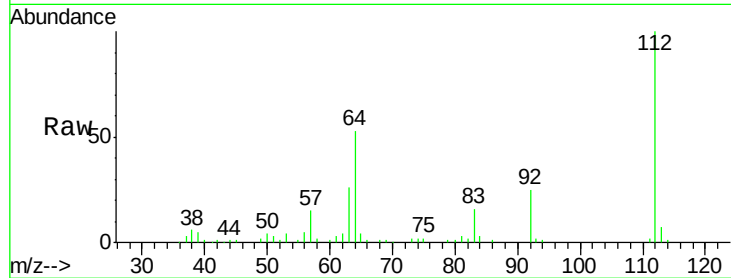
ClientSampleId :

OWS-S(4.5-5)DL

Tgt Ion:	112	Resp:	161674
Ion Ratio	Lower	Upper	
112	100		
64	53.1	46.0	69.0
63	26.4	23.4	35.0

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#7

Phenol-d6

Concen: 35.443 ng

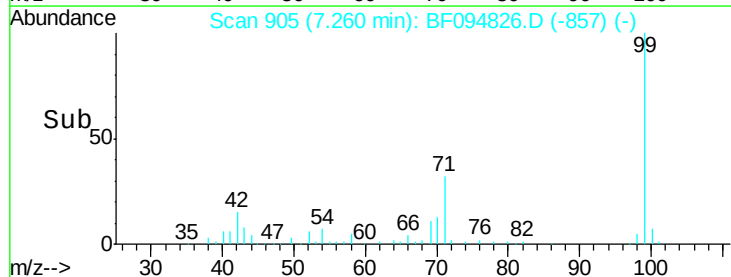
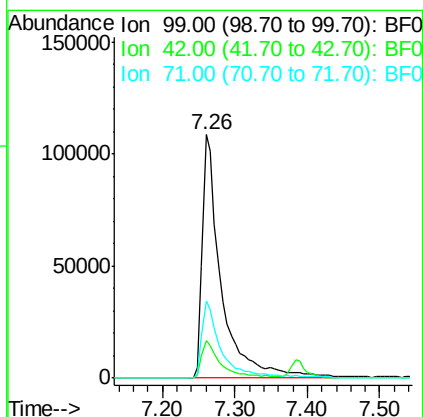
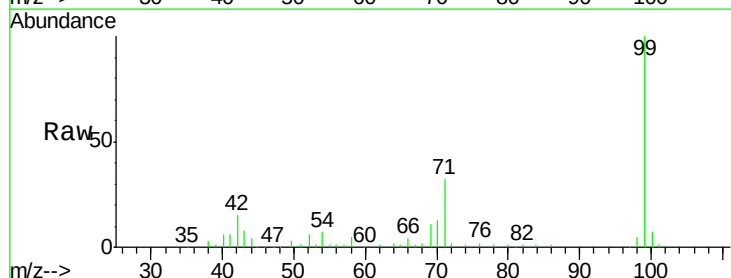
RT: 7.26 min Scan# 905

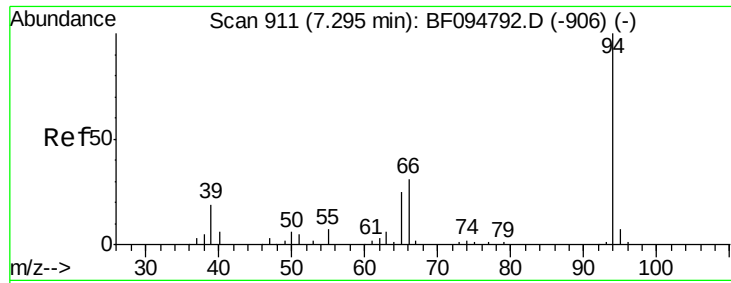
Delta R.T. -0.02 min

Lab File: BF094826.D

Acq: 3 May 2017 9:56

Tgt Ion:	99	Resp:	198862
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.5	20.3
71	31.9	24.5	36.7





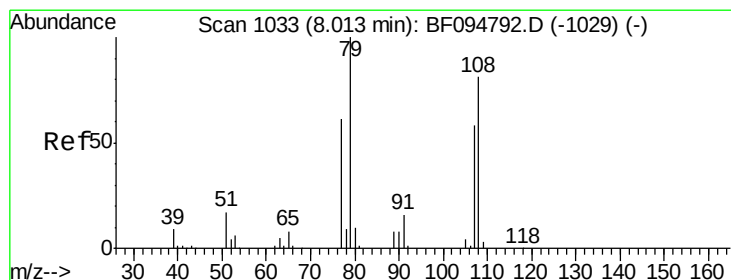
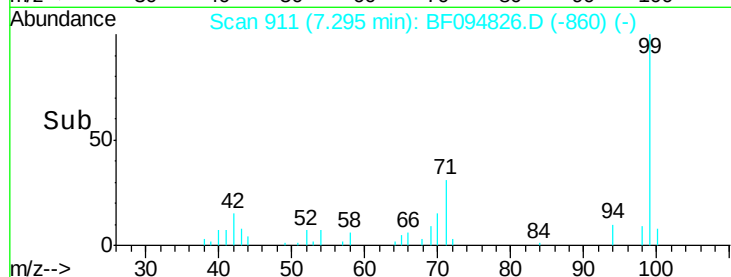
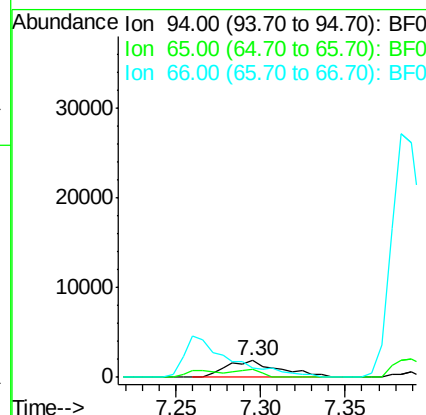
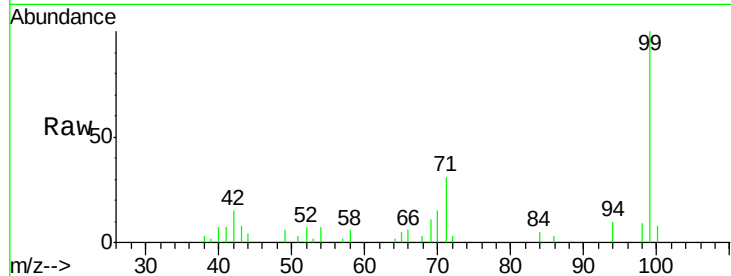
#10
Phenol
Concen: 0.691 ng
RT: 7.30 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

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OWS-S(4.5-5)DL

Tgt Ion	Ratio	Lower	Upper
94	100		
65	45.9	9.9	49.9
66	58.5	23.1	63.1

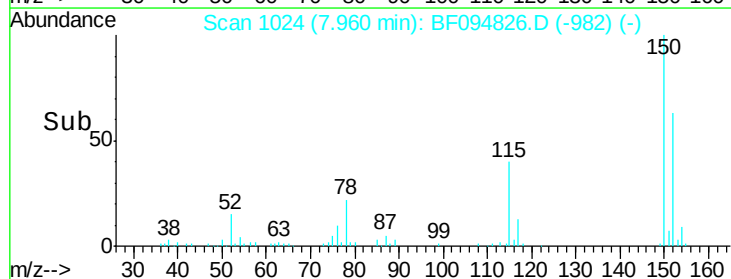
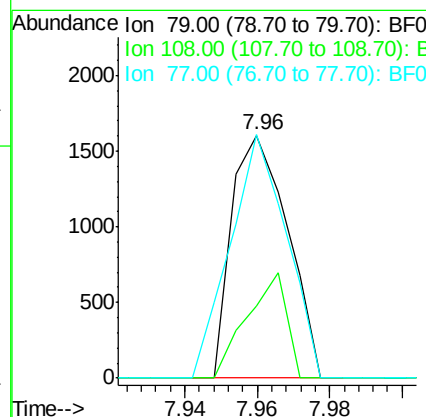
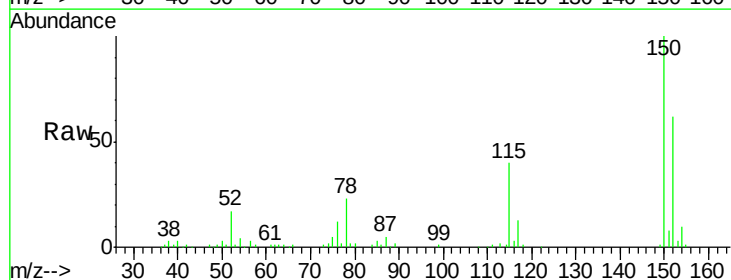
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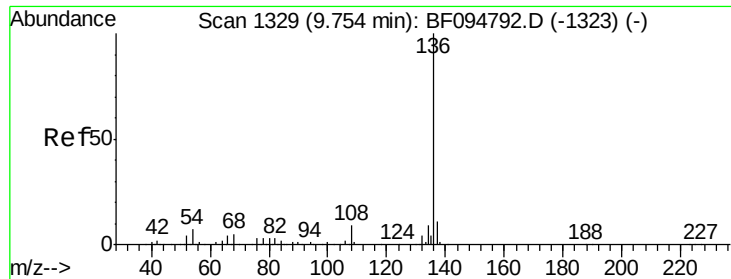
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#15
Benzyl Alcohol
Concen: 0.476 ng
RT: 7.96 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Lower	Upper
79	100		
108	29.5	63.4	95.0#
77	100.3	49.2	73.8#





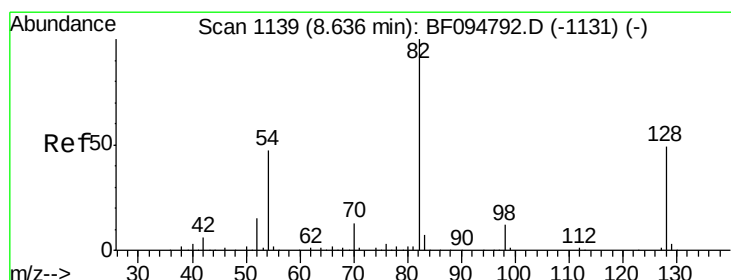
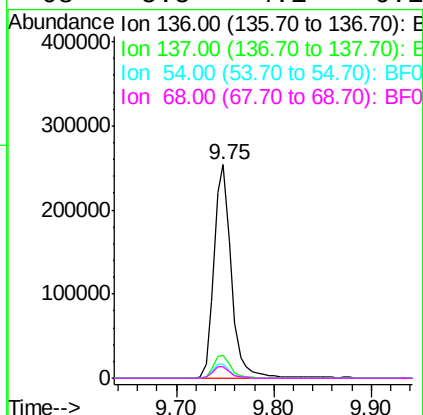
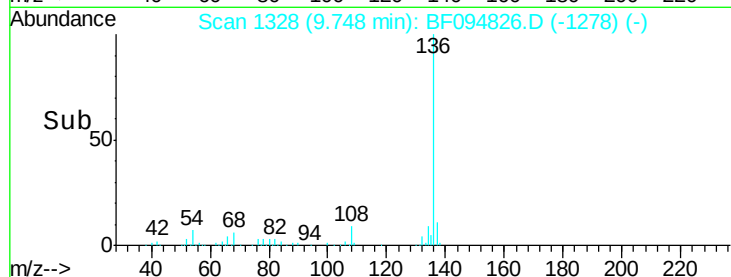
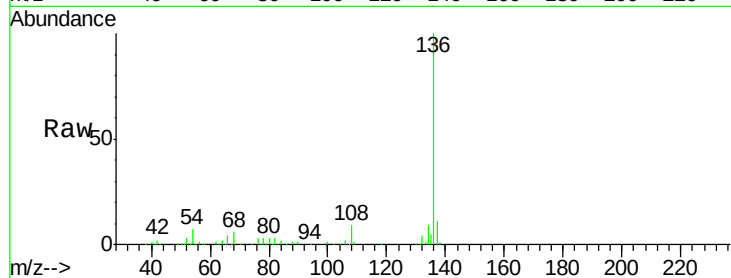
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

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ClientSampleId :
OWS-S(4.5-5)DL

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	314512		
137	10.8	8.5	12.7	
54	6.9	4.9	7.3	
68	5.5	4.1	6.1	

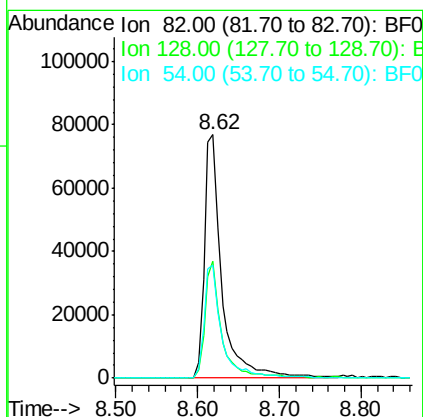
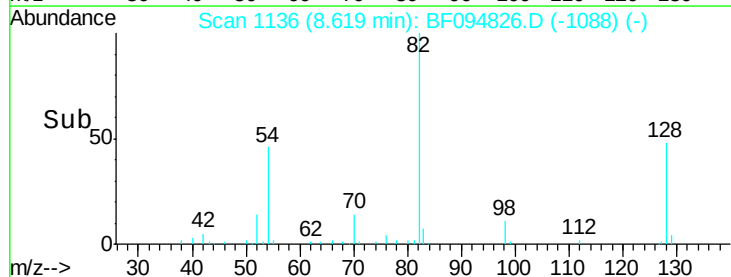
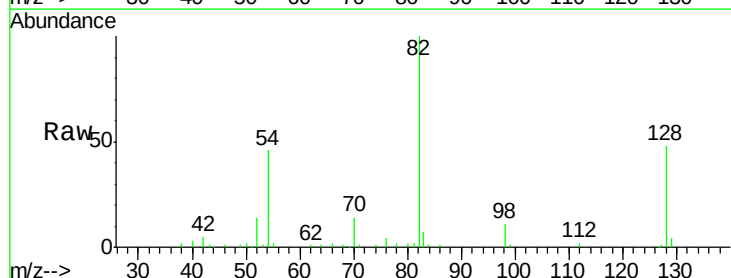
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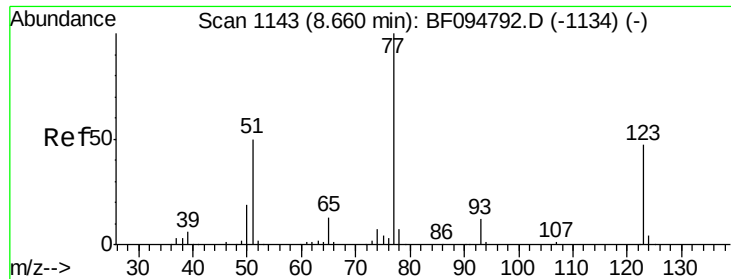
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#23
Nitrobenzene-d5
Concen: 23.011 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	114770		
128	47.8	34.0	51.0	
54	46.2	42.2	63.2	





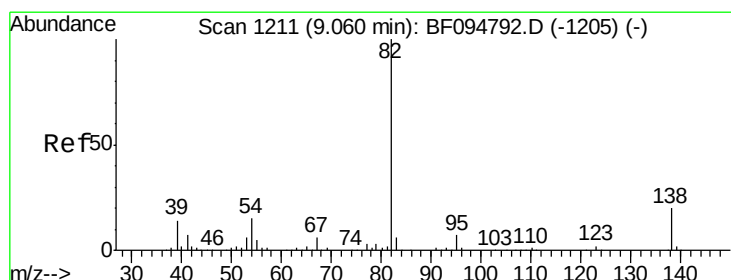
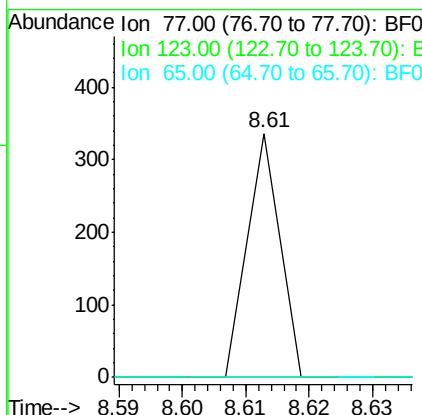
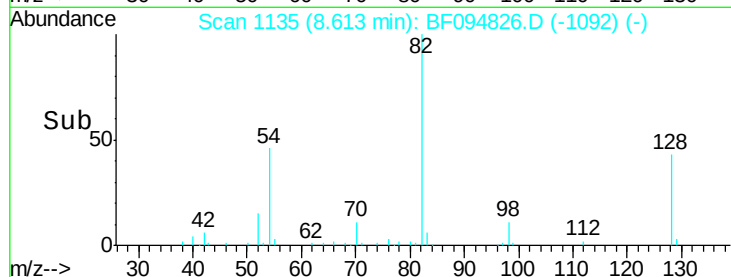
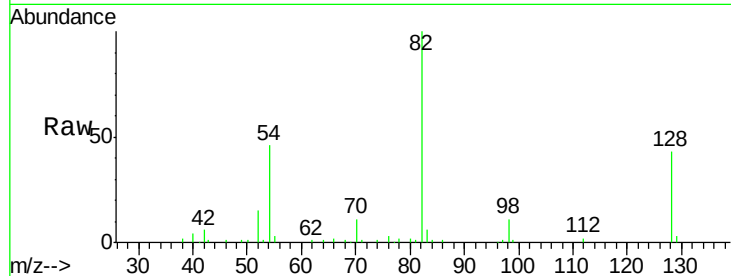
#24
 Nitrobenzene
 Concen: 0.023 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.05 min
 Lab File: BF094826.D
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Tgt Ion:	77	Resp:	119
Ion Ratio	Lower	Upper	
77	100		
123	0.0	35.8	53.8#
65	0.0	10.6	15.8#

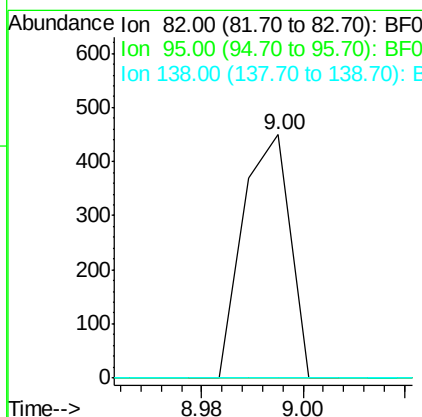
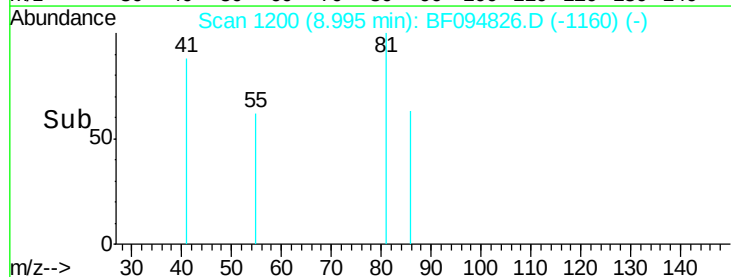
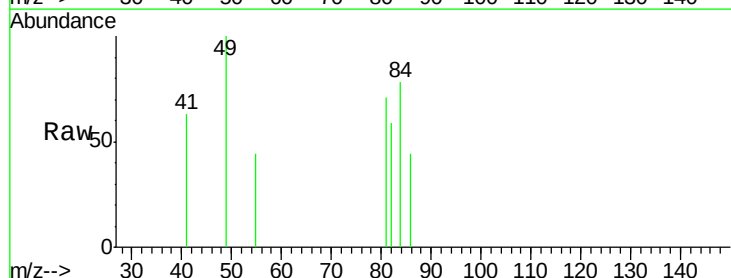
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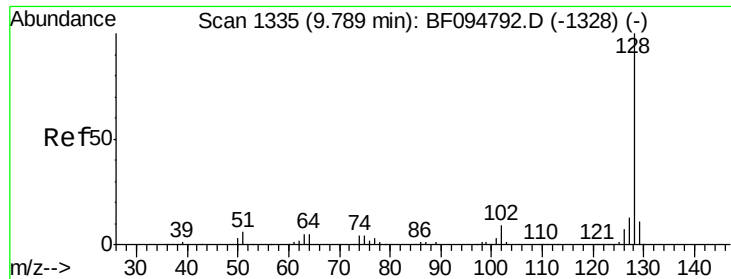
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#25
 Isophorone
 Concen: 0.032 ng
 RT: 9.00 min Scan# 1200
 Delta R.T. -0.06 min
 Lab File: BF094826.D
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Tgt Ion:	82	Resp:	289
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#





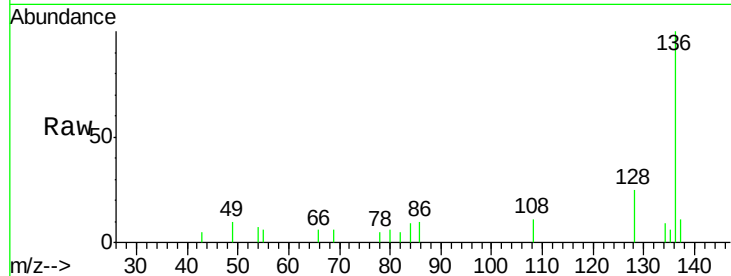
#31
Naphthalene
Concen: 0.094 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Instrument :
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ClientSampleId :
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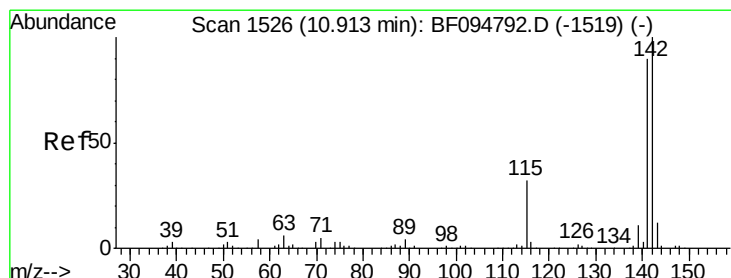
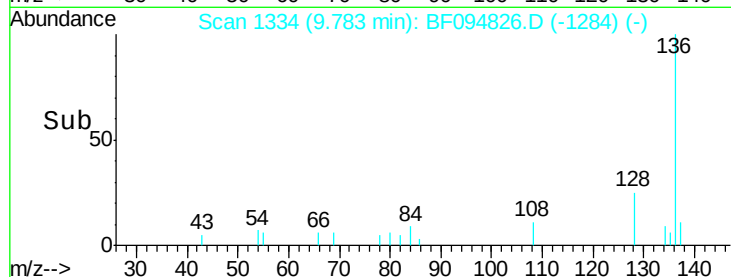
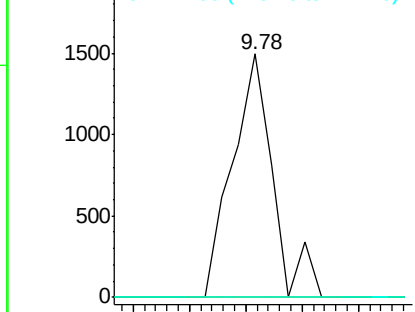
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	0.0	9.0	13.6#
127	0.0	10.8	16.2#

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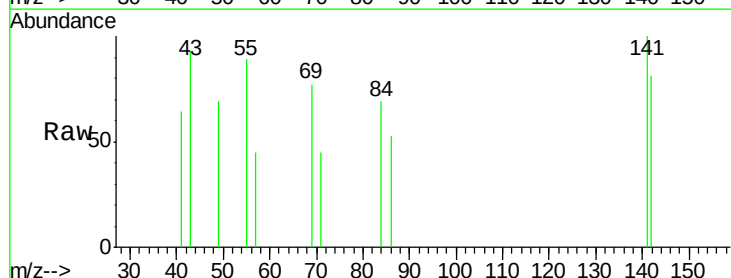


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

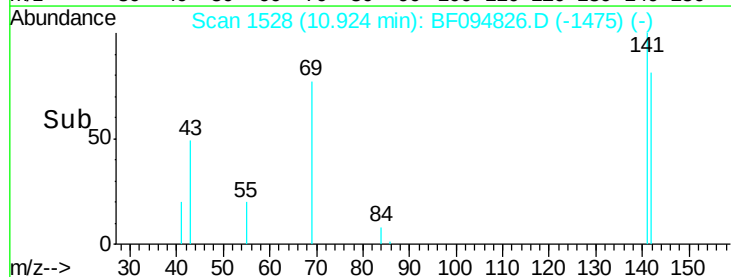
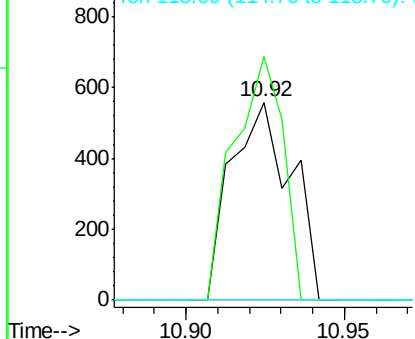


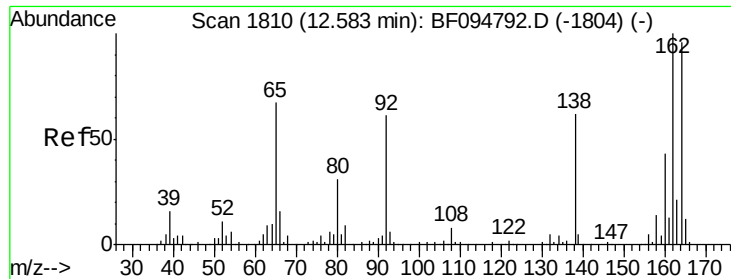
#37
2-Methylnaphthalene
Concen: 0.071 ng
RT: 10.92 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	123.1	71.3	106.9#
115	0.0	27.1	40.7#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





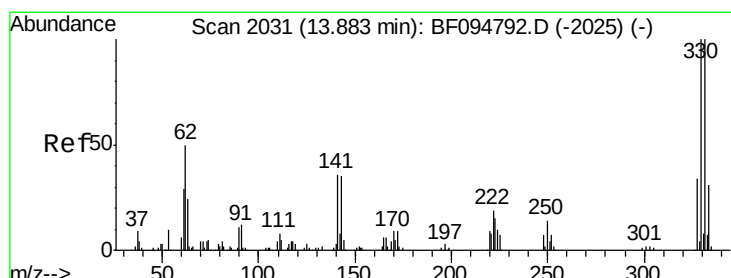
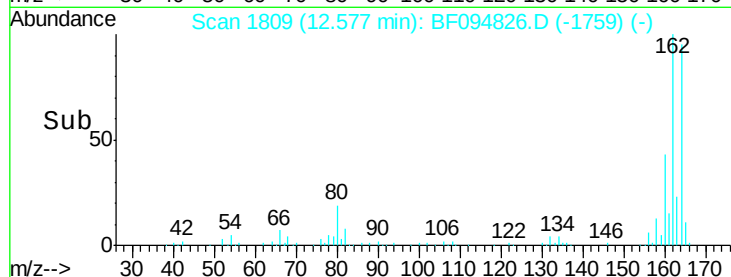
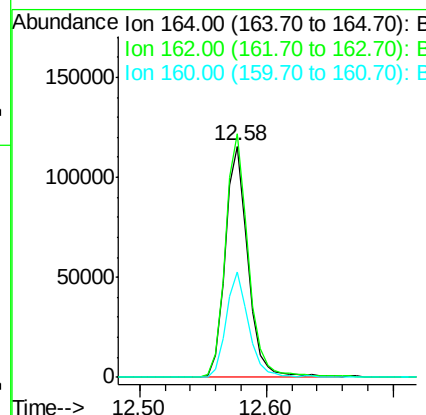
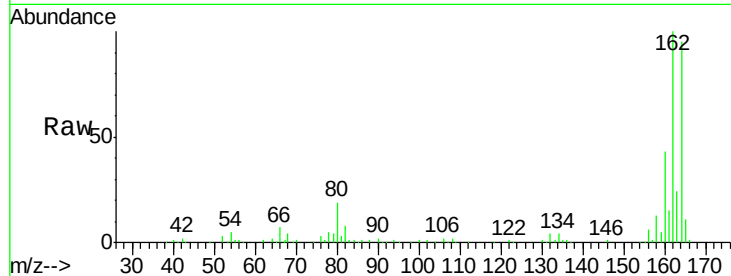
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Instrument :
BNA_F
ClientSampleId :
OWS-S(4.5-5)DL

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	144525		
162	105.2	82.6	123.8	
160	45.3	36.2	54.2	

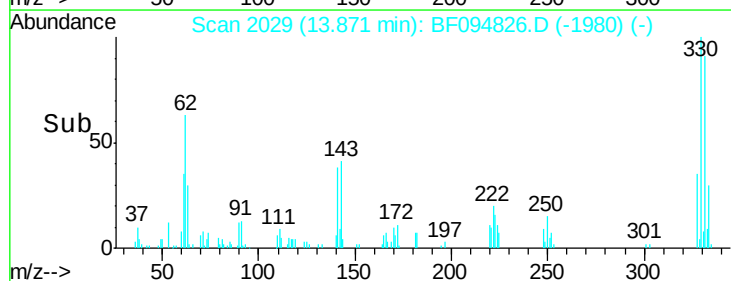
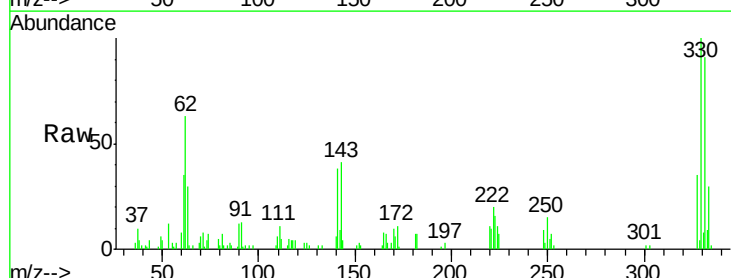
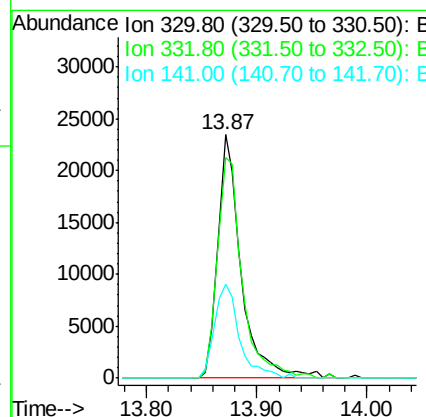
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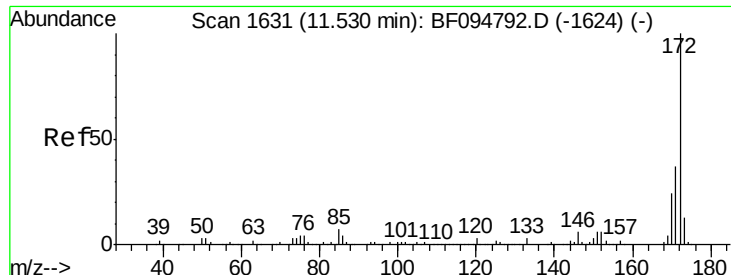
mohammad
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#41
2,4,6-Tribromophenol
Concen: 28.972 ng
RT: 13.87 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	34292		
332	96.7	76.6	115.0	
141	40.5	31.4	47.2	





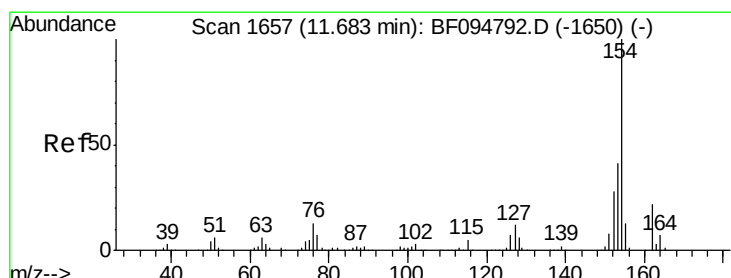
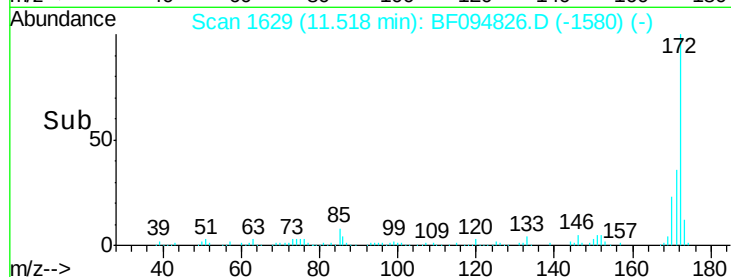
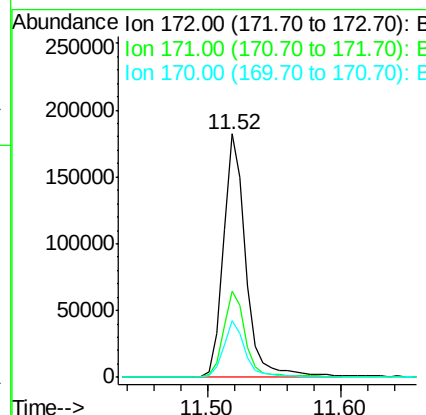
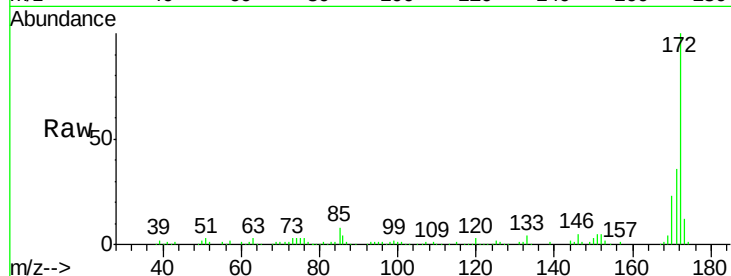
#44
 2-Fluorobiphenyl
 Concen: 21.675 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094826.D
 Acq: 3 May 2017 9:56

Instrument :
 BNA_F
 ClientSampleId :
 QWS-S(4.5-5)DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.6	29.6	44.4
170	23.2	19.8	29.8

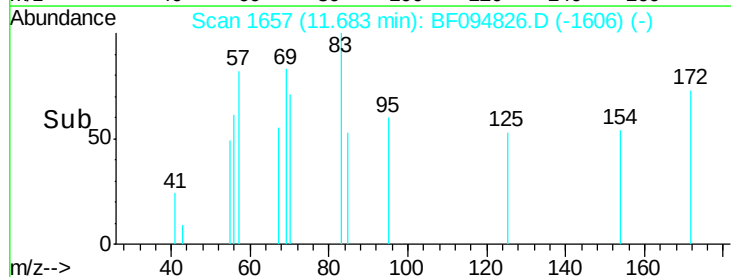
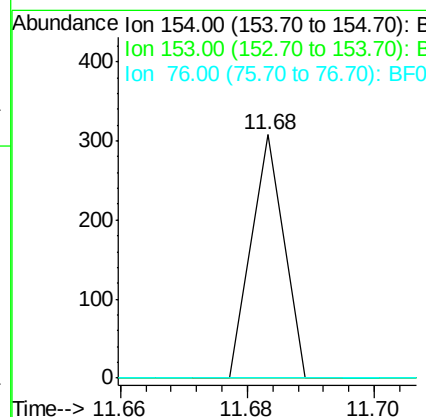
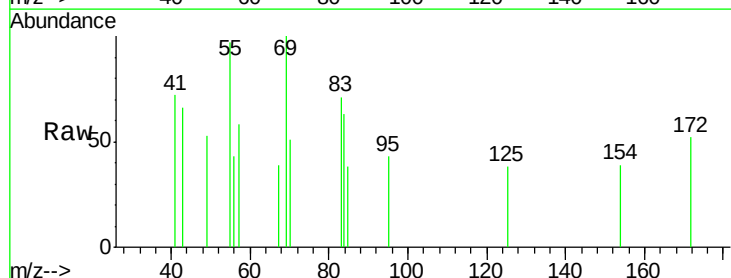
Manual Integrations
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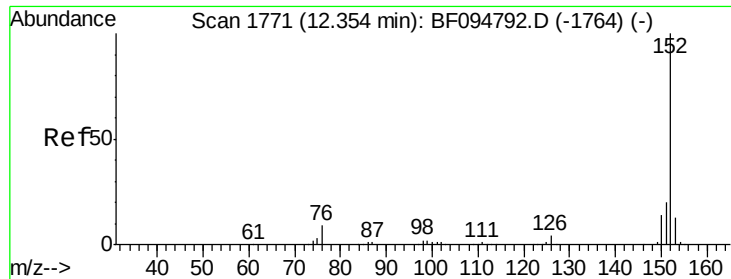
mohammad
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#45
 1,1'-Biphenyl
 Concen: 0.009 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BF094826.D
 Acq: 3 May 2017 9:56

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





#48

Acenaphthylene

Concen: 0.224 ng

RT: 12.35 min Scan# 1771

Delta R.T. -0.00 min

Lab File: BF094826.D

Acq: 3 May 2017 9:56

Instrument :

BNA_F

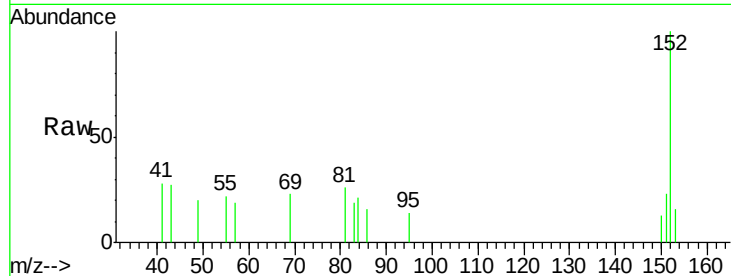
ClientSampleId :

OWS-S(4.5-5)DL

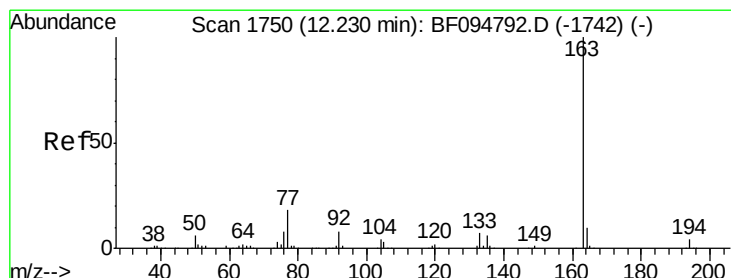
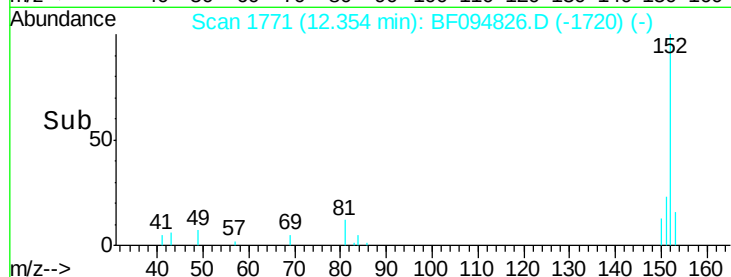
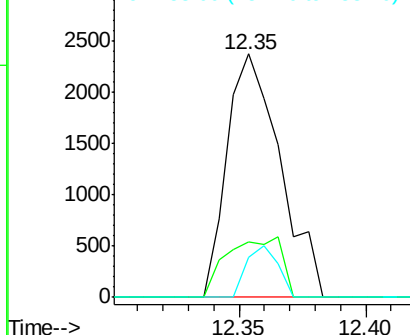
Tgt Ion:	152	Resp:	3452
Ion Ratio	Lower	Upper	
152	100		
151	22.7	16.8	25.2
153	16.3	10.8	16.2#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 4.163 ng

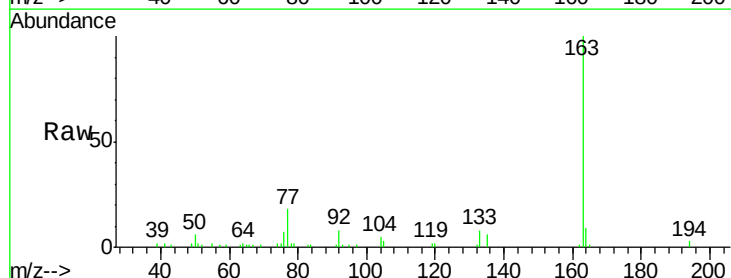
RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

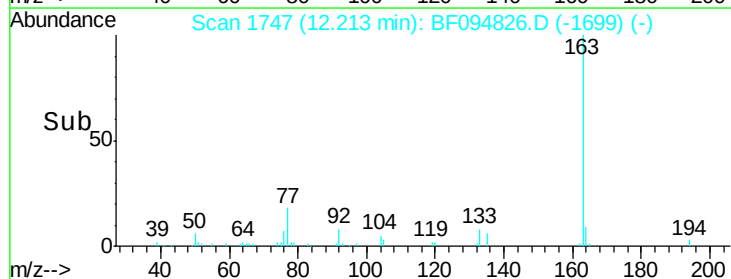
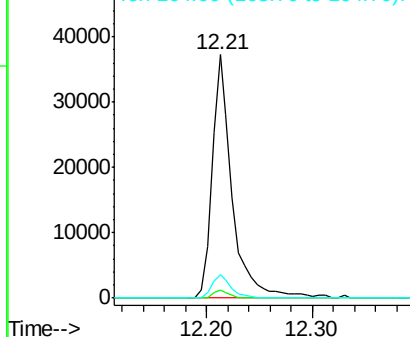
Lab File: BF094826.D

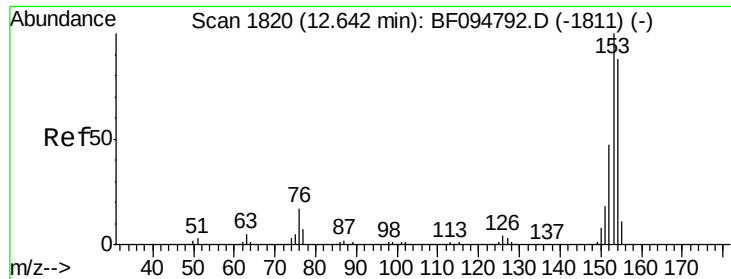
Acq: 3 May 2017 9:56

Tgt Ion:	163	Resp:	49396
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	9.5	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 0.009 ng

RT: 11.68 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BF094826.D

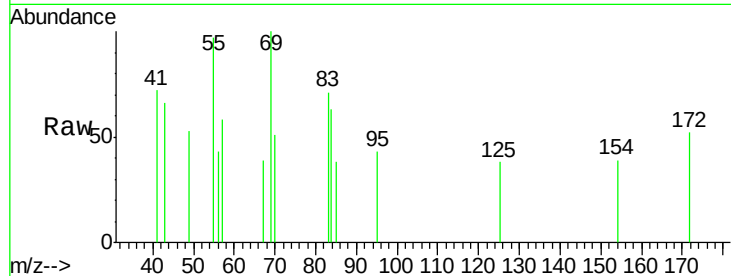
Acq: 3 May 2017 9:56

Instrument :

BNA_F

ClientSampleId :

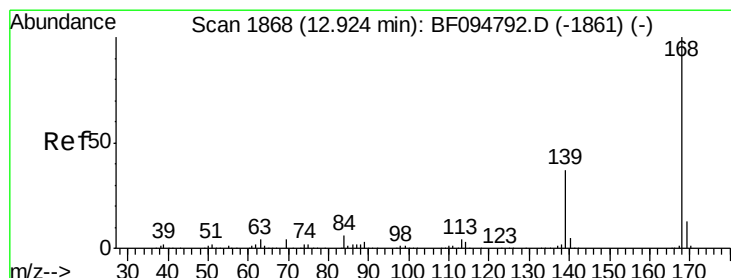
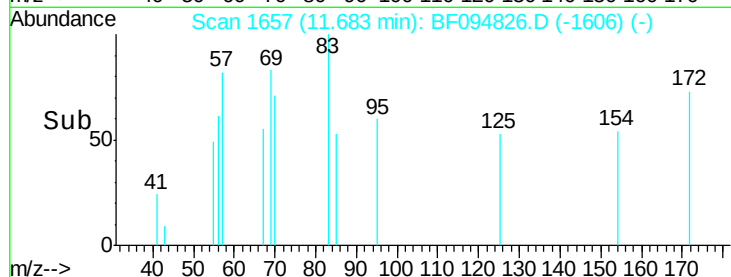
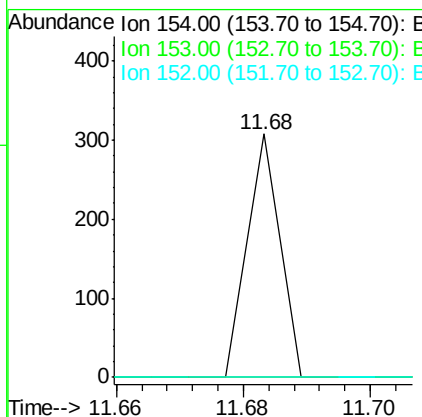
OWS-S(4.5-5)DL



Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.5	135.7#
152	0.0	43.6	65.4#

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#54

Dibenzofuran

Concen: 0.292 ng

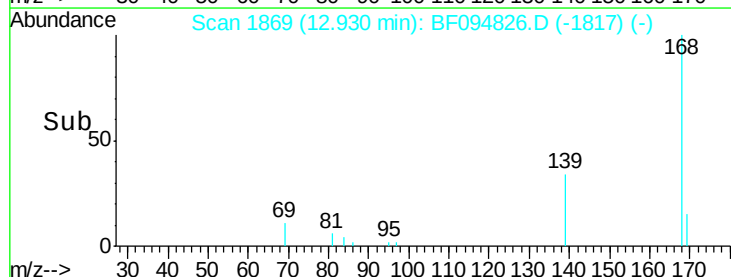
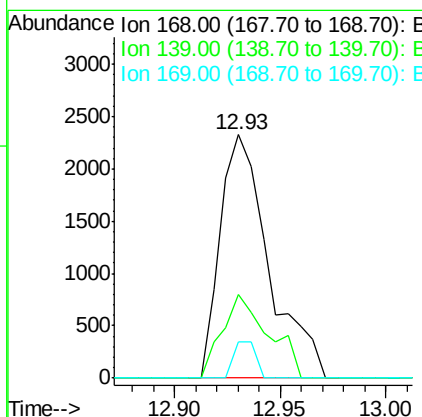
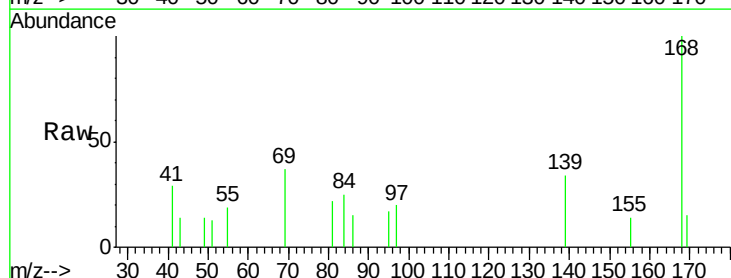
RT: 12.93 min Scan# 1869

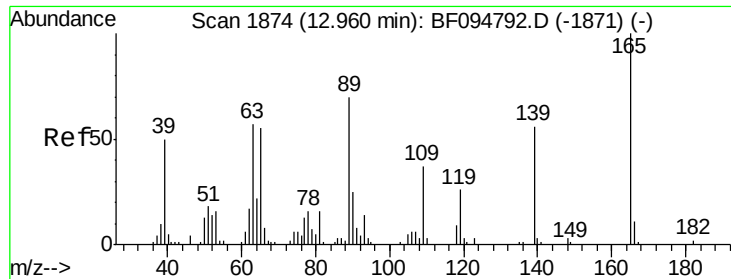
Delta R.T. 0.01 min

Lab File: BF094826.D

Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.3	30.6	45.8
169	14.9	10.8	16.2





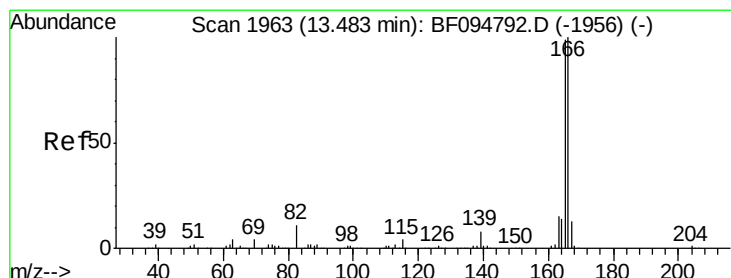
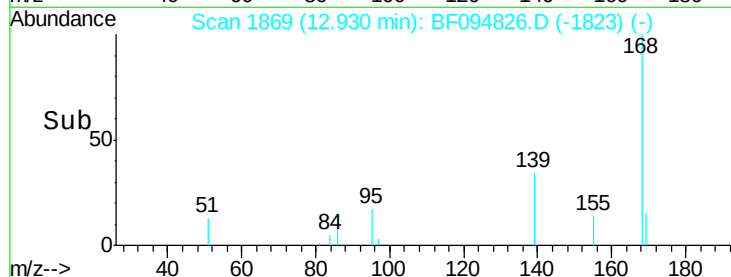
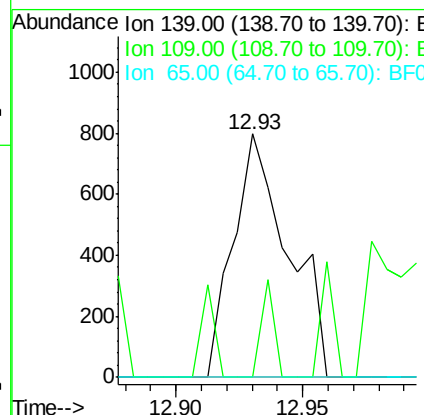
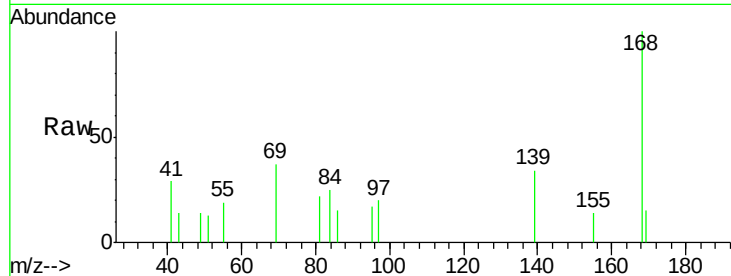
#55
4-Nitrophenol
Concen: 0.772 ng
RT: 12.93 min Scan# 1869
Delta R.T. -0.03 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Instrument :
BNA_F
ClientSampleId :
OWS-S(4.5-5)DL

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

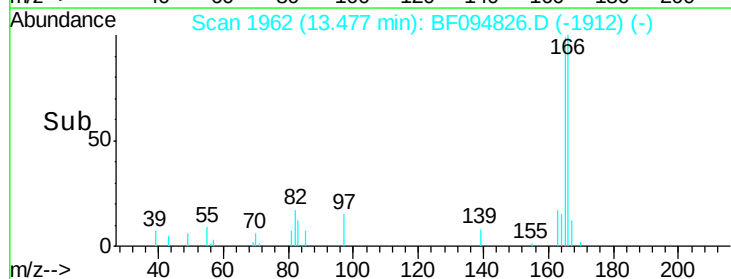
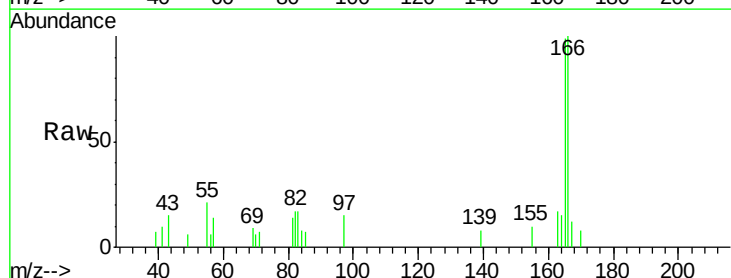
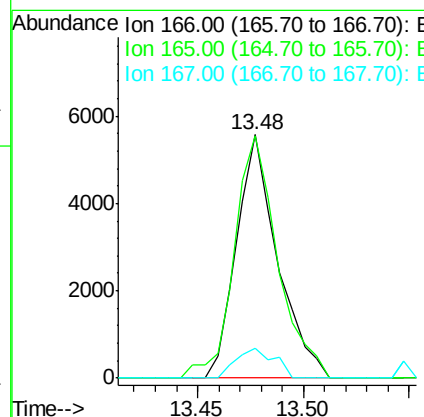
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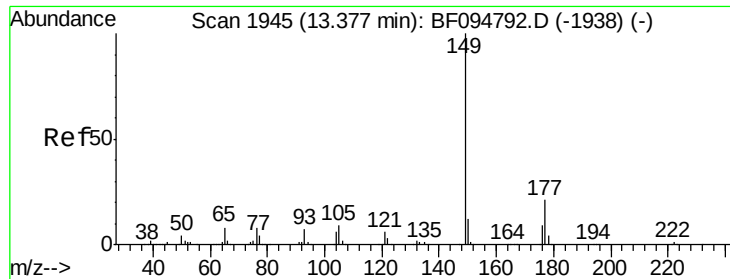
mohammad
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#57
Fluorene
Concen: 0.676 ng
RT: 13.48 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.3	78.8	118.2
167	12.4	10.6	16.0





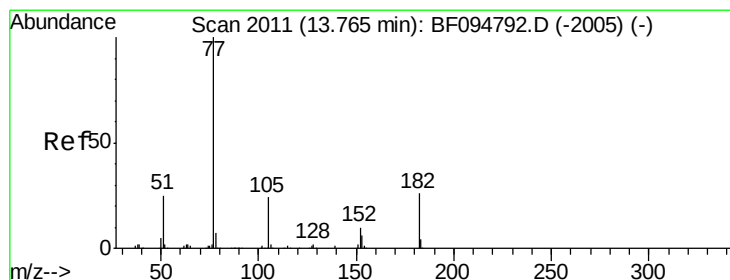
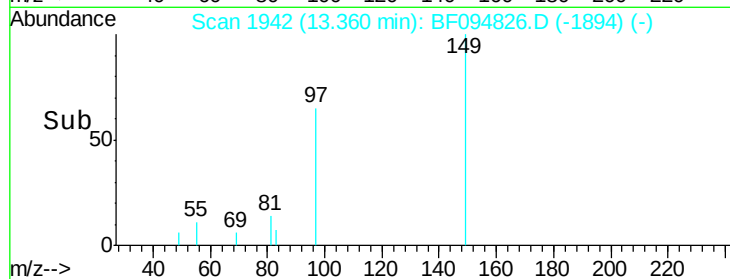
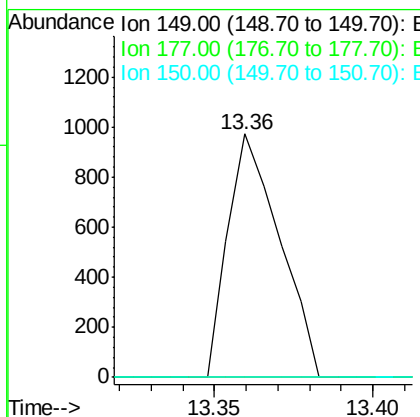
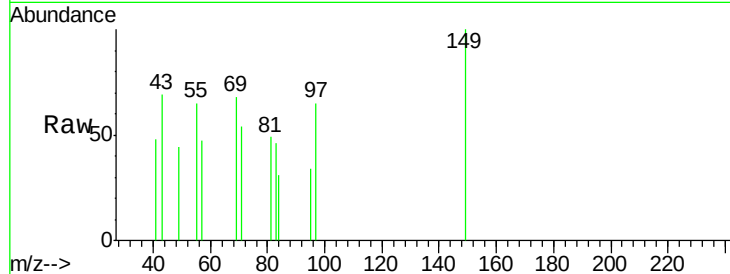
#59
Diethylphthalate
Concen: 0.096 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Instrument :
BNA_F
ClientSampleId :
OWS-S(4.5-5)DL

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

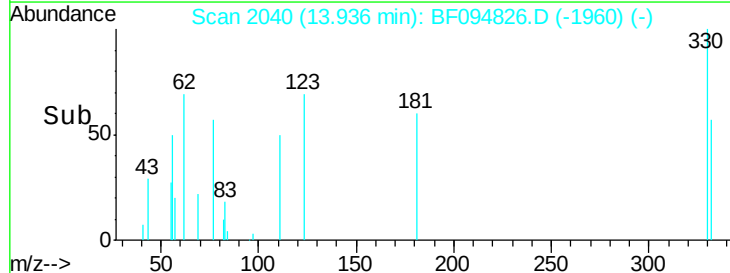
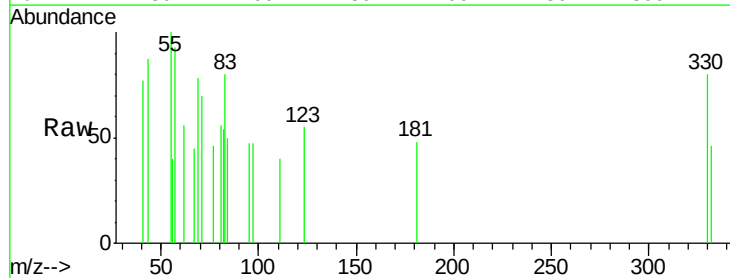
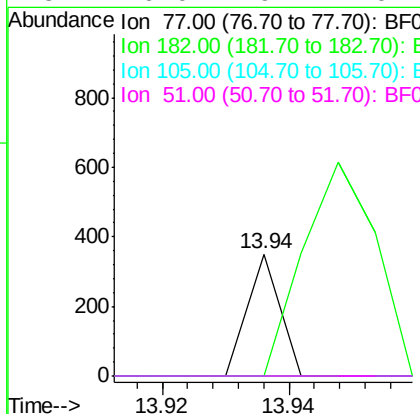
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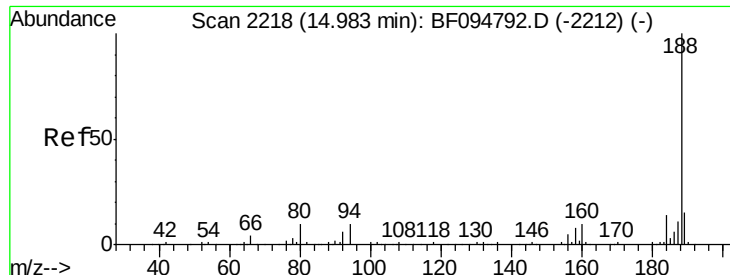
mohammad
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#62
Azobenzene
Concen: 0.014 ng
RT: 13.94 min Scan# 2040
Delta R.T. 0.17 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	0.0	3.6	43.6#
51	0.0	9.4	49.4#





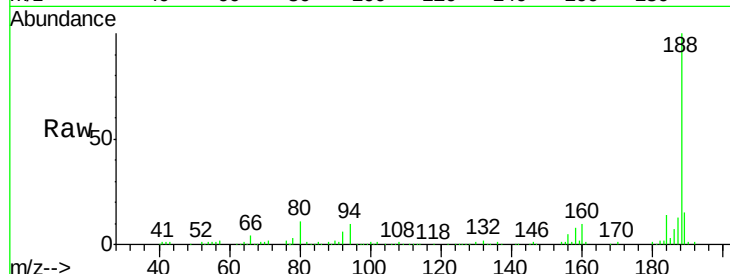
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Instrument :
BNA_F
ClientSampleId :
OWS-S(4.5-5)DL

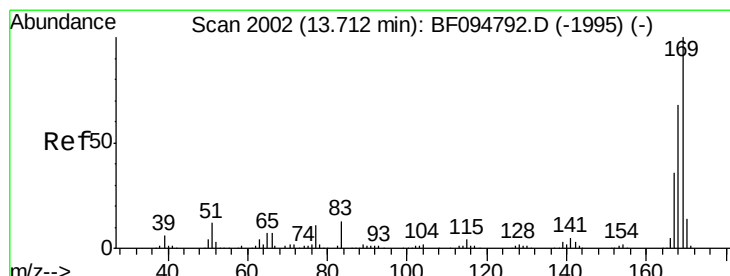
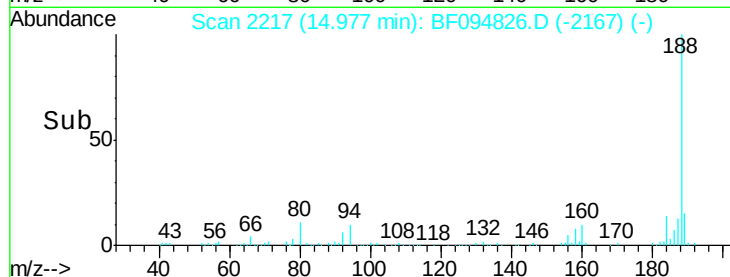
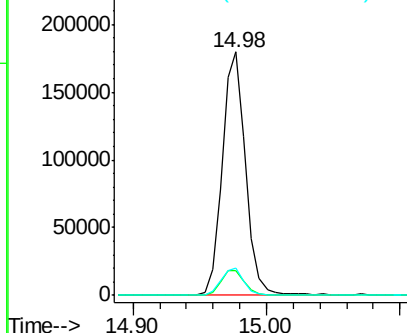
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	9.4	14.2
80	11.3	10.2	15.2

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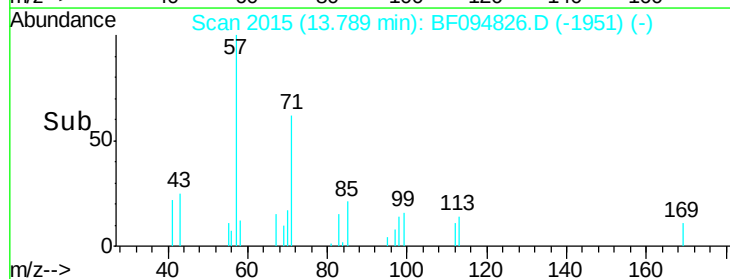
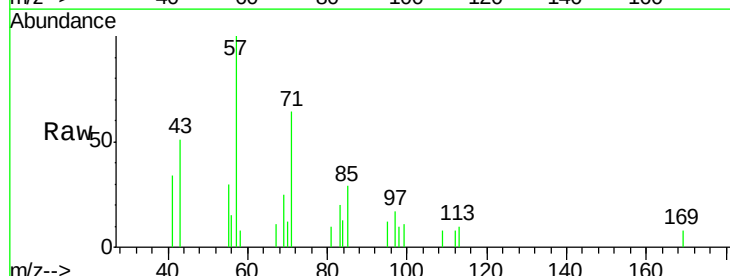
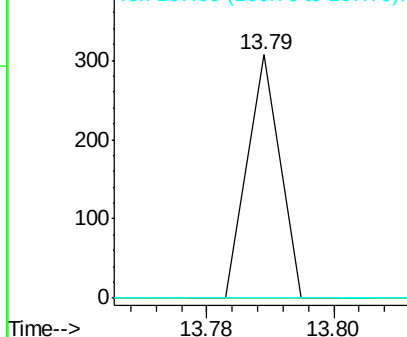
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

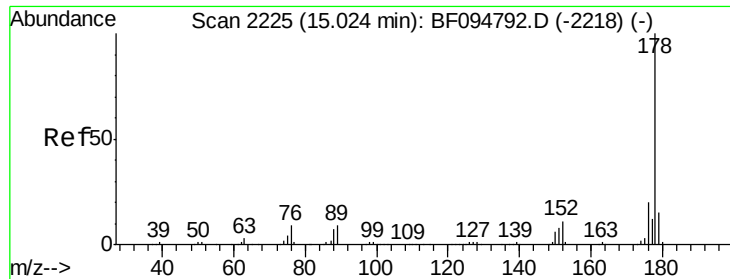


#65
n-Nitrosodiphenylamine
Concen: 0.013 ng
RT: 13.79 min Scan# 2015
Delta R.T. 0.08 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

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

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





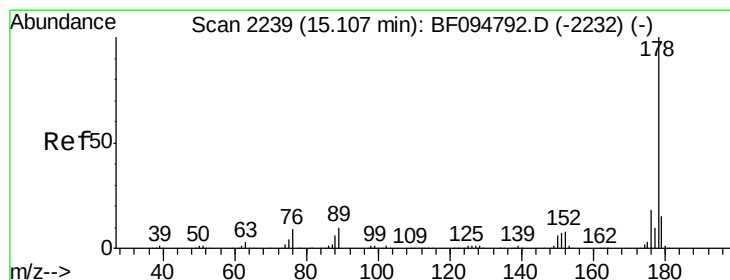
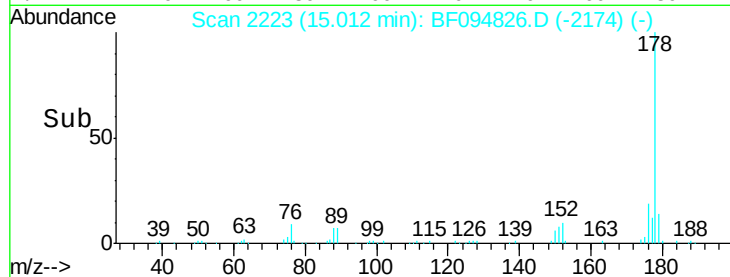
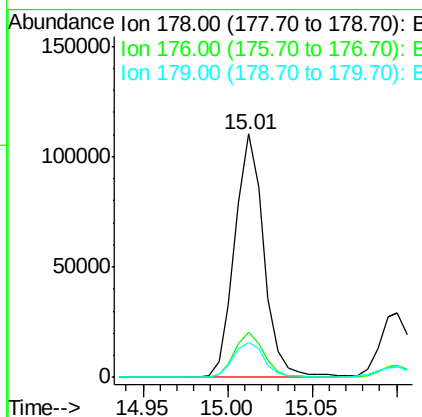
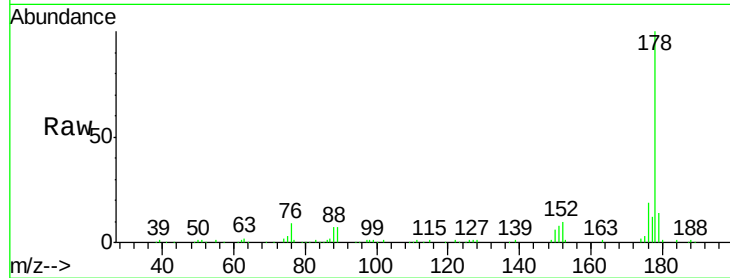
#70
Phenanthrene
Concen: 10.397 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Instrument :
BNA_F
ClientSampleId :
OWS-S(4.5-5)DL

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	14.5	12.6	19.0

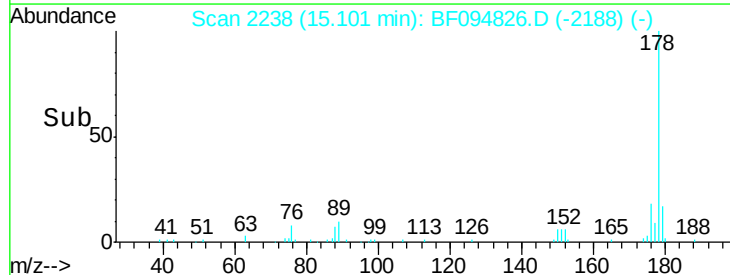
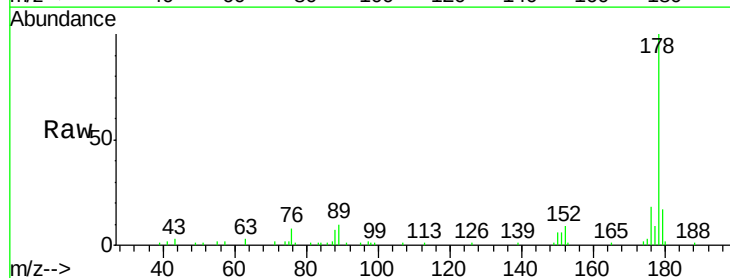
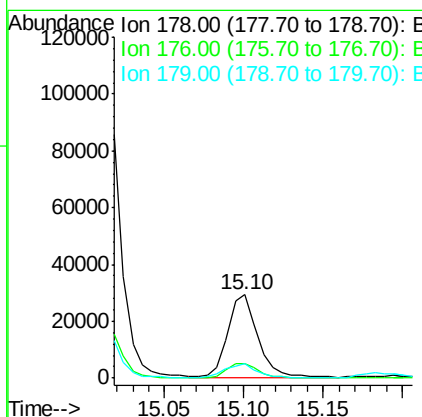
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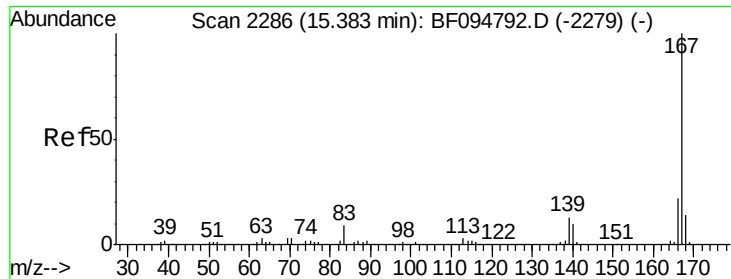
mohammad
5/4/2017 1:45:18 PM



#71
Anthracene
Concen: 2.957 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	17.3	12.7	19.1





#72

Carbazole

Concen: 0.715 ng

RT: 15.39 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF094826.D

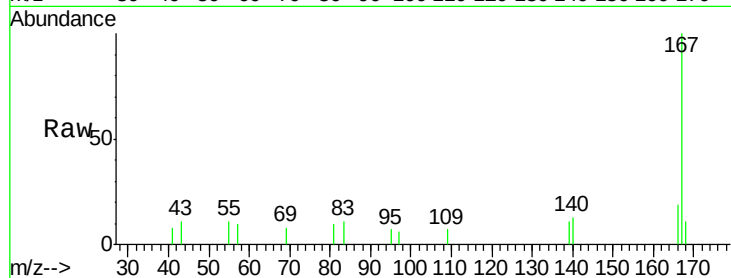
Acq: 3 May 2017 9:56

Instrument :

BNA_F

ClientSampleId :

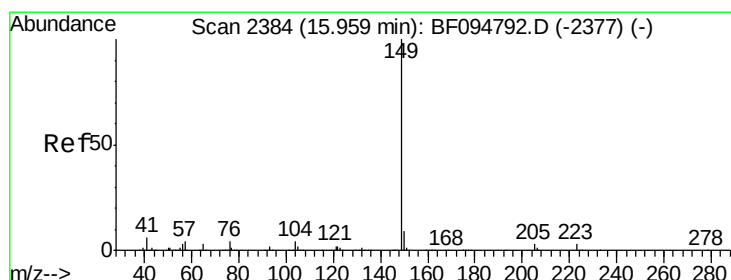
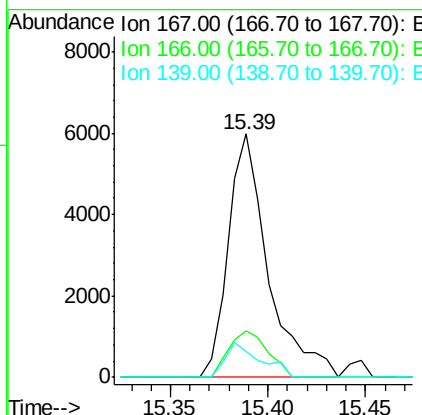
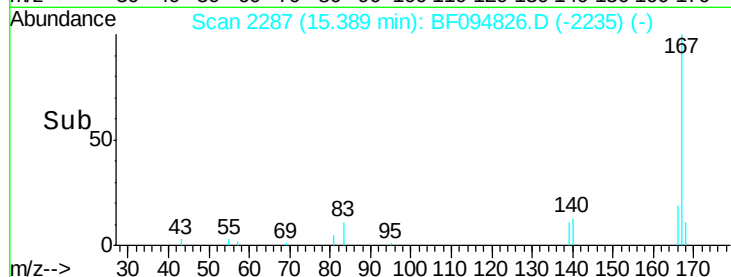
OWS-S(4.5-5)DL



Tgt Ion:	167	Resp:	8444
Ion Ratio	Lower	Upper	
167	100		
166	19.1	18.1	27.1
139	10.7	11.7	17.5#

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#73

Di-n-butylphthalate

Concen: 0.056 ng

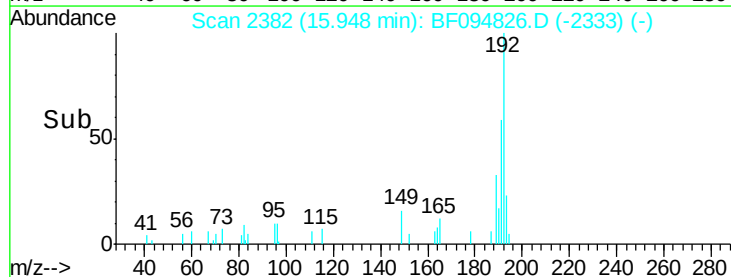
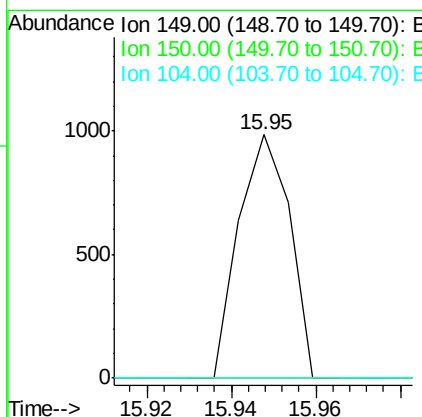
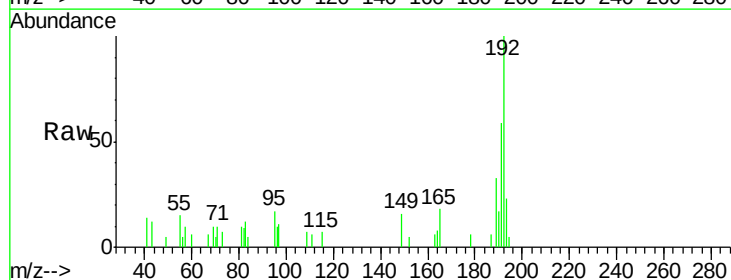
RT: 15.95 min Scan# 2382

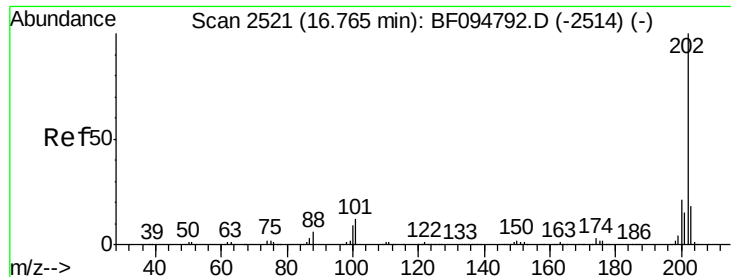
Delta R.T. -0.01 min

Lab File: BF094826.D

Acq: 3 May 2017 9:56

Tgt Ion:	149	Resp:	823
Ion Ratio	Lower	Upper	
149	100		
150	0.0	7.7	11.5#
104	0.0	4.0	6.0#





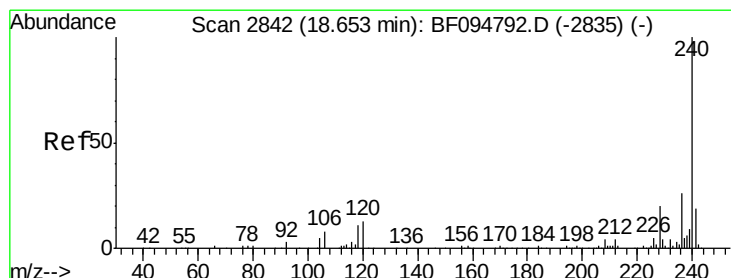
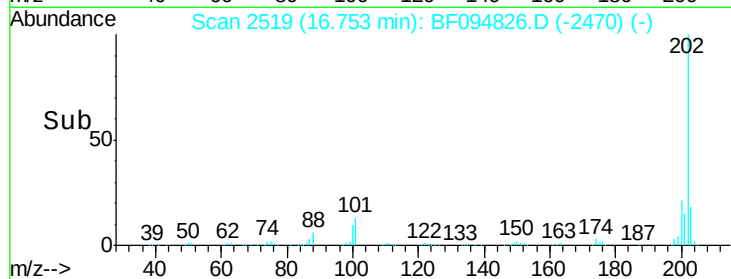
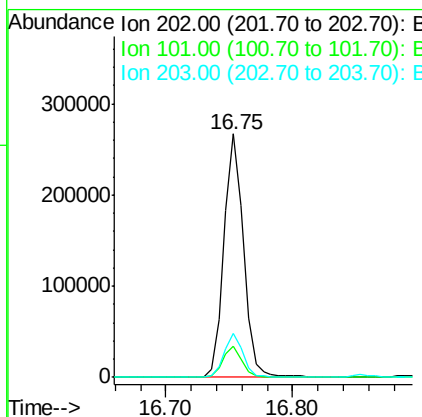
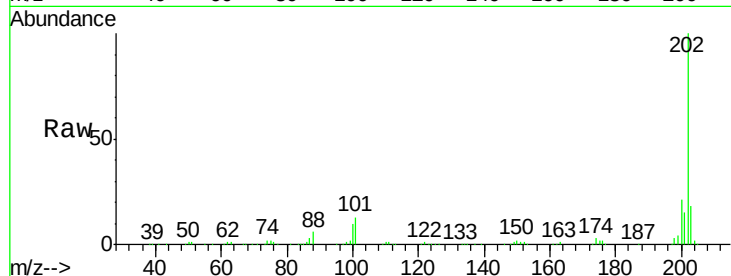
#74
 Fluoranthene
 Concen: 21.943 ng
 RT: 16.75 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BF094826.D
 Acq: 3 May 2017 9:56

Instrument :
 BNA_F
 ClientSampleId :
 OWS-S(4.5-5)DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.6	0.0	33.2
203	18.0	0.0	38.1

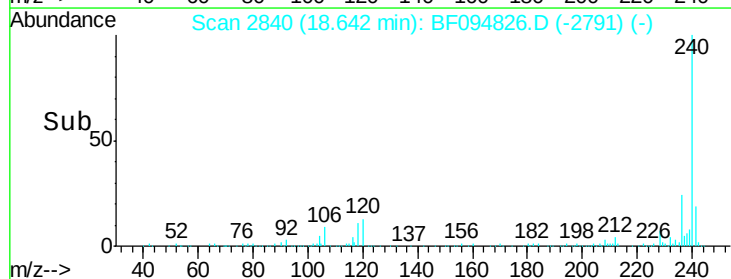
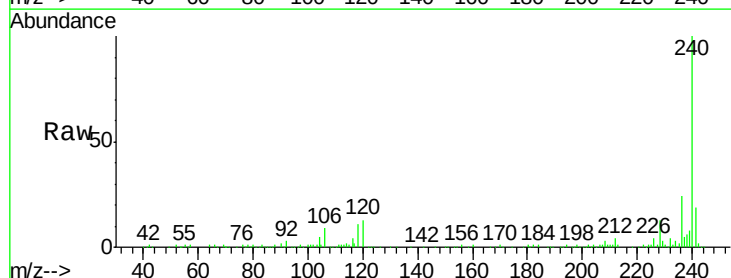
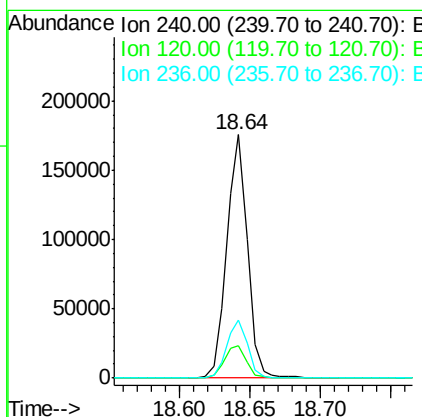
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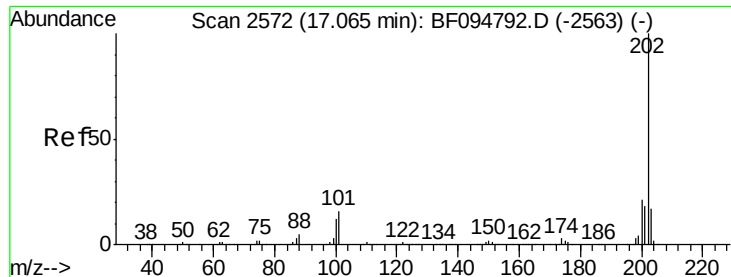
mohammad
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094826.D
 Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.4	5.8	8.8#
236	23.8	20.5	30.7





#77

Pyrene

Concen: 18.966 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094826.D

Acq: 3 May 2017 9:56

Instrument :

BNA_F

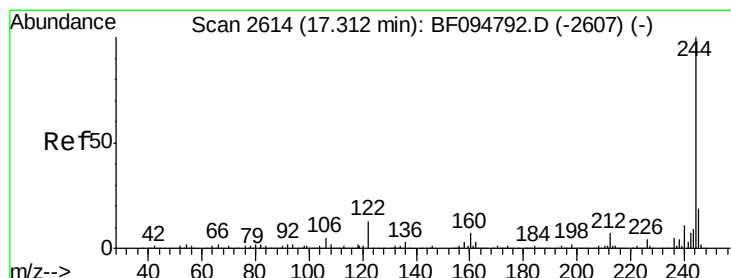
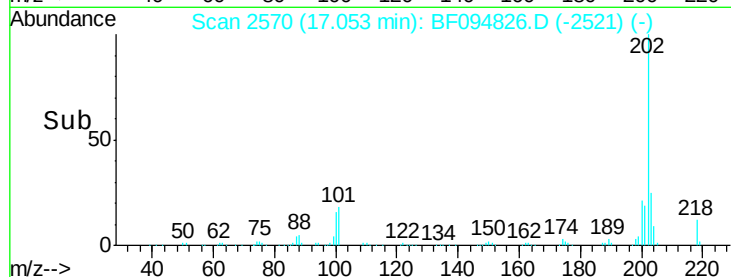
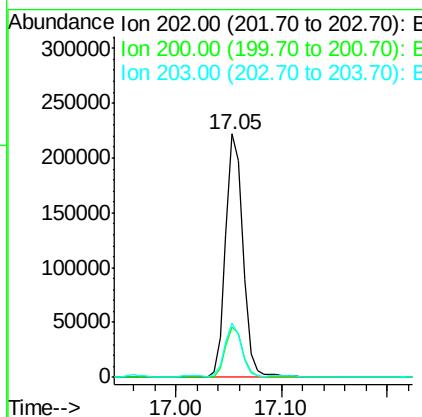
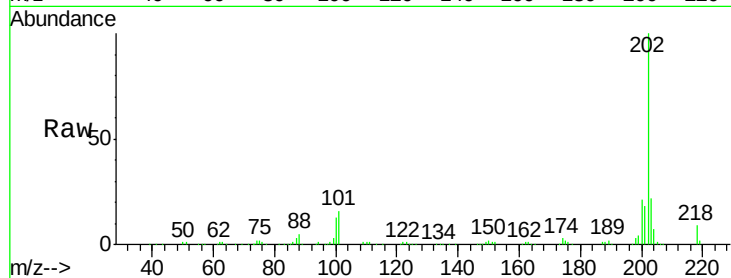
ClientSampleId :

OWS-S(4.5-5)DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	253241		
200	20.5	17.6	26.4	
203	22.0	14.4	21.6	

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#78

Terphenyl-d14

Concen: 17.970 ng

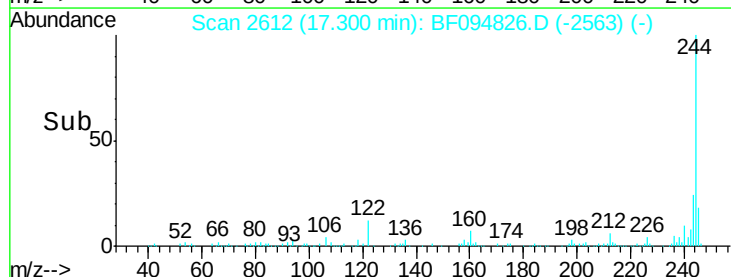
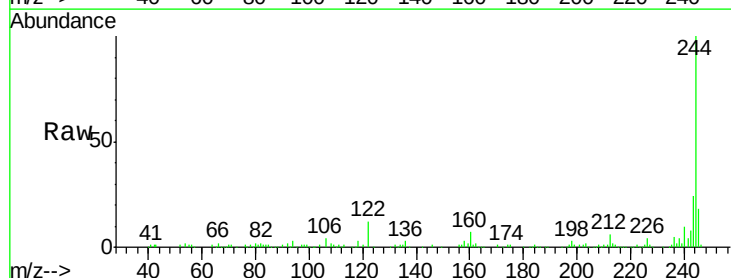
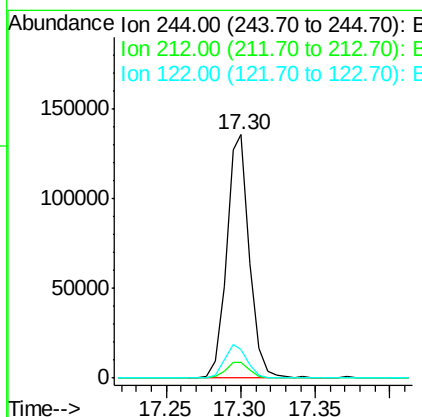
RT: 17.30 min Scan# 2612

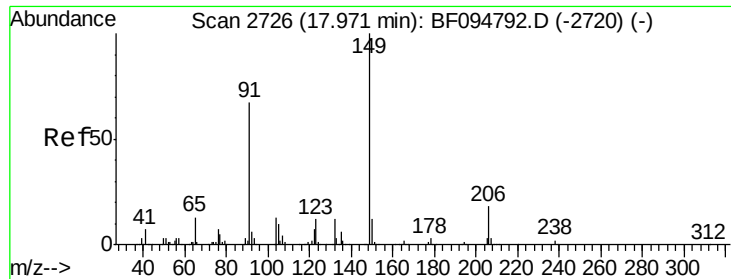
Delta R.T. -0.01 min

Lab File: BF094826.D

Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	145661		
212	6.4	6.0	9.0	
122	11.9	10.3	15.5	





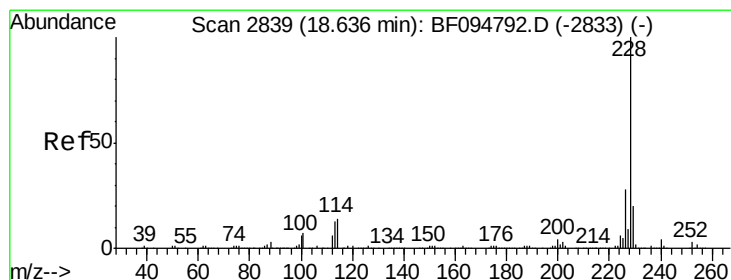
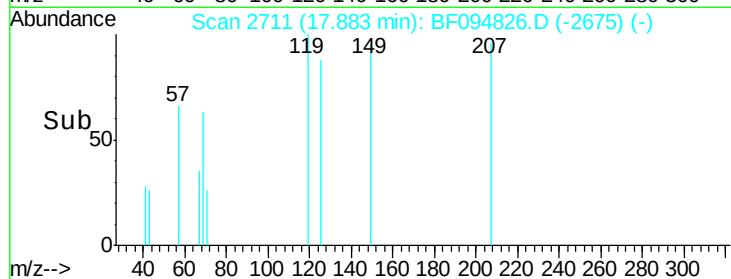
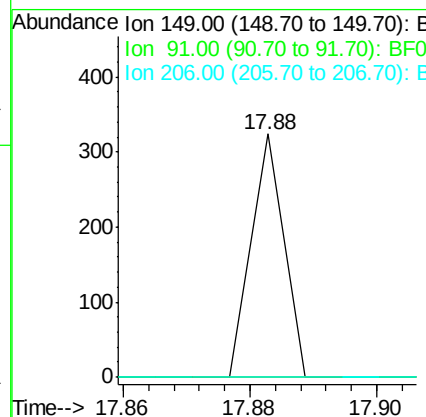
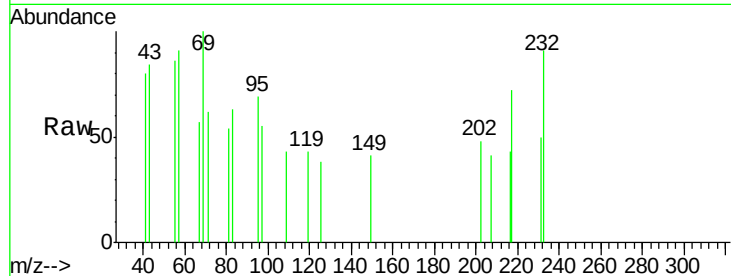
#79
Butylbenzylphthalate
Concen: 0.018 ng
RT: 17.88 min Scan# 2711
Delta R.T. -0.09 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Instrument :
BNA_F
ClientSampleId :
OWS-S(4.5-5)DL

Tgt Ion	Ratio	Lower	Upper
149	100		
91	0.0	45.0	67.4#
206	0.0	17.0	25.6#

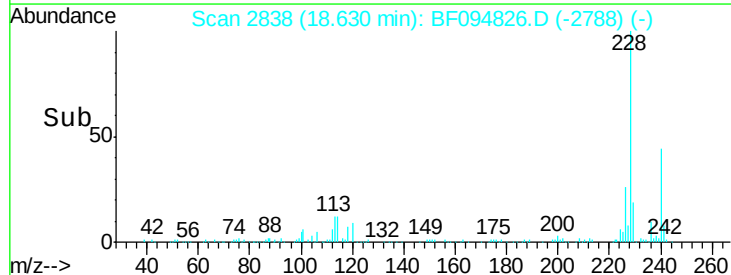
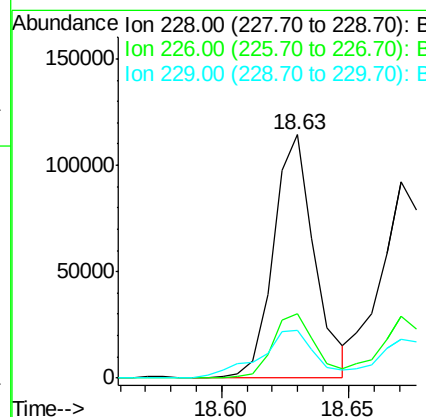
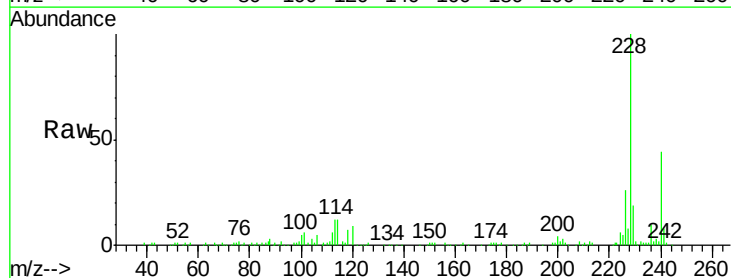
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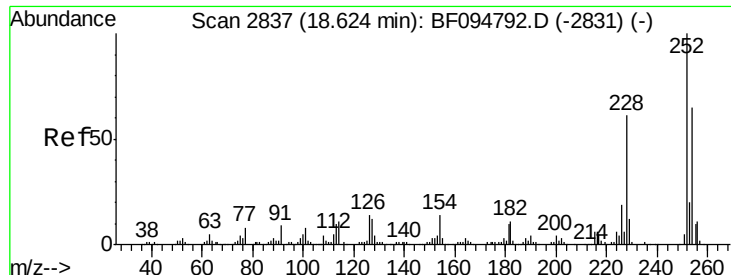
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#80
Benzo(a)anthracene
Concen: 12.470 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.6	33.8
229	19.5	16.3	24.5





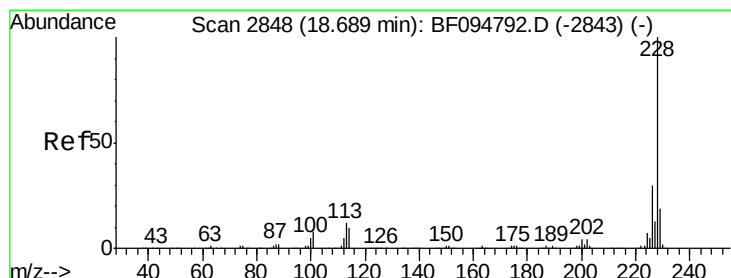
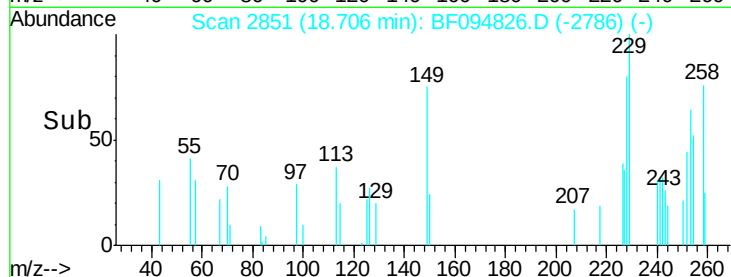
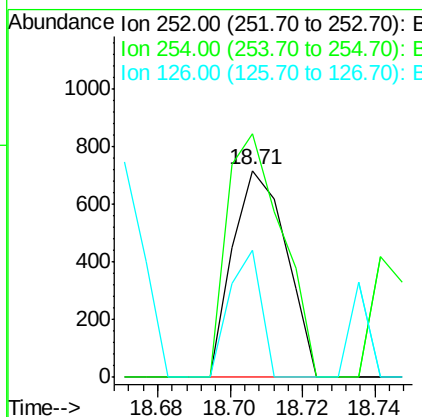
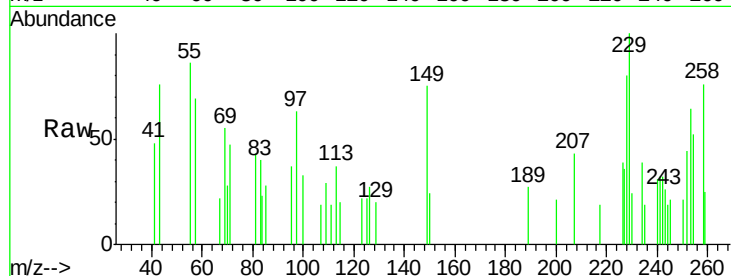
#81
 3,3'-Dichlorobenzidine
 Concen: 0.206 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. 0.08 min
 Lab File: BF094826.D
 Acq: 3 May 2017 9:56

Instrument :
 BNA_F
 ClientSampleId :
 OWS-S(4.5-5)DL

Tgt Ion	Ratio	Lower	Upper
252	100		
254	117.7	51.5	77.3#
126	61.6	15.8	23.8#

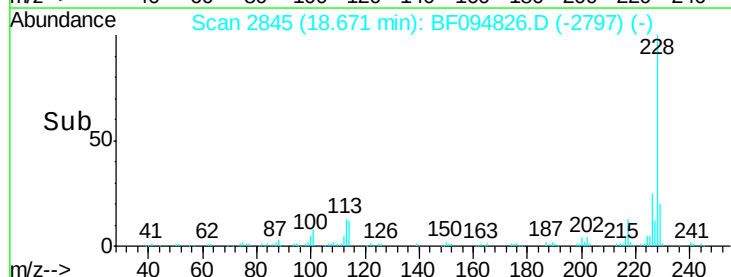
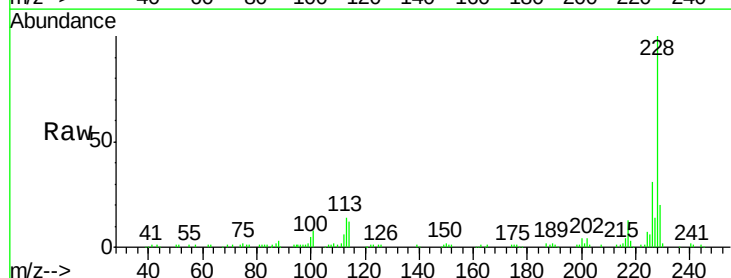
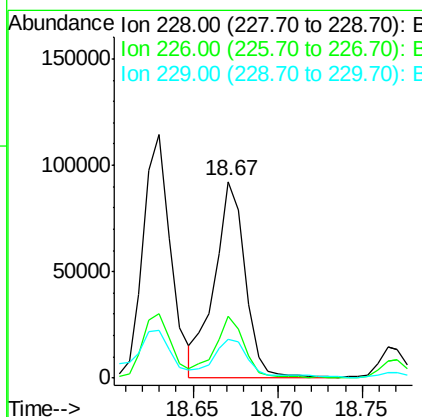
Manual Integrations
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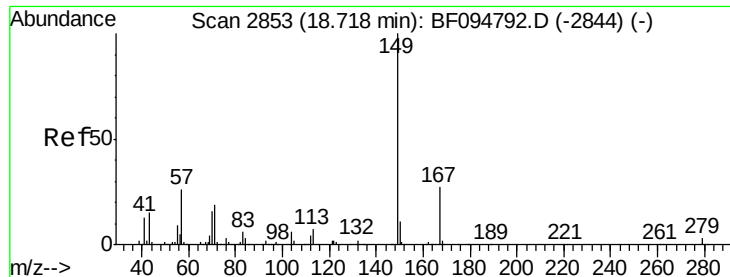
mohammad
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#82
 Chrysene
 Concen: 11.797 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094826.D
 Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.0	15.8	23.6





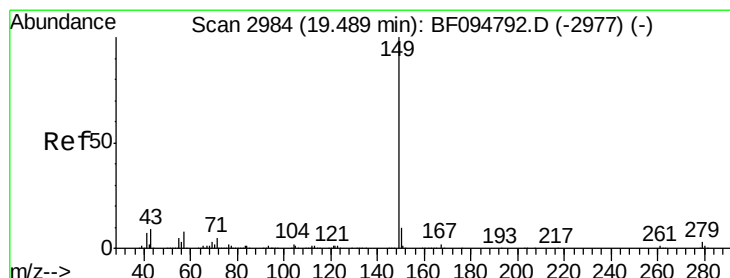
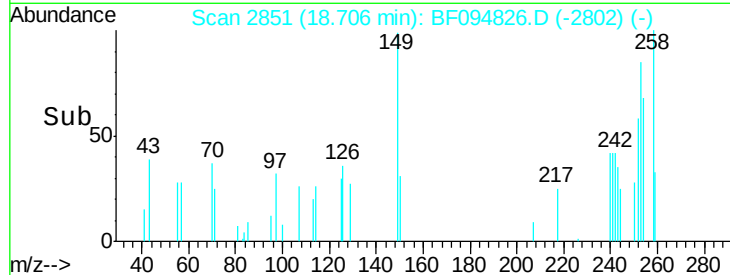
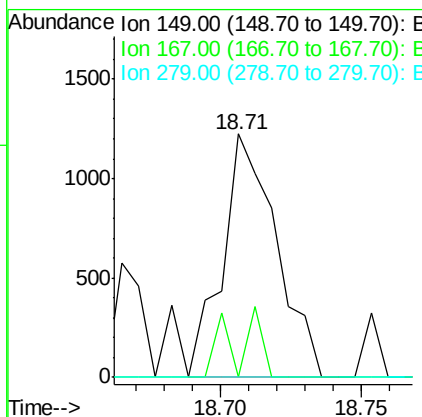
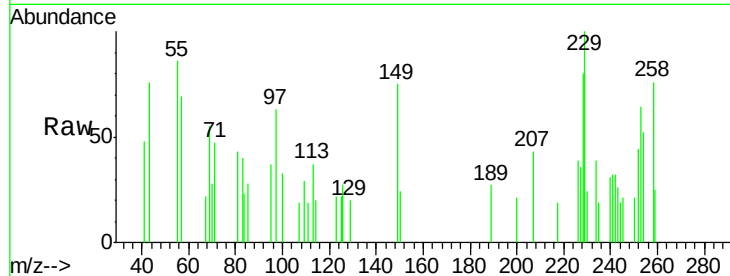
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.183 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF094826.D
 Acq: 3 May 2017 9:56

Instrument :
 BNA_F
 ClientSampleId :
 OWS-S(4.5-5)DL

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

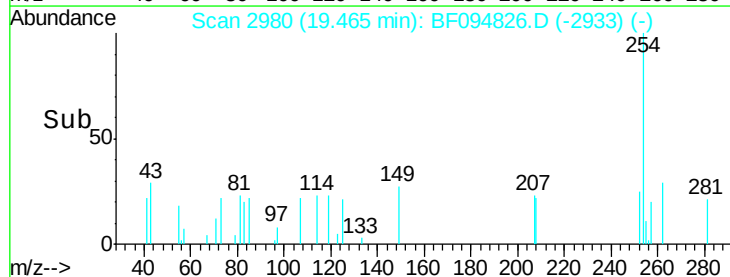
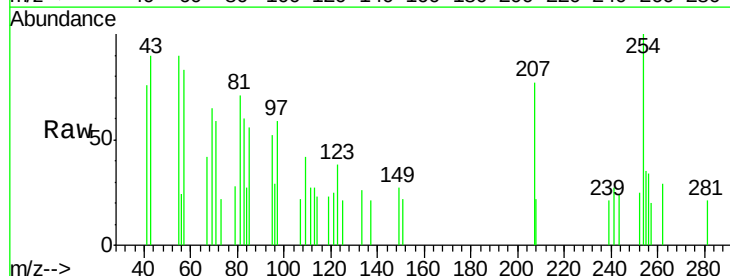
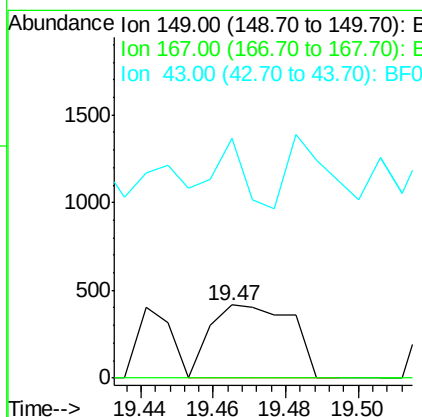
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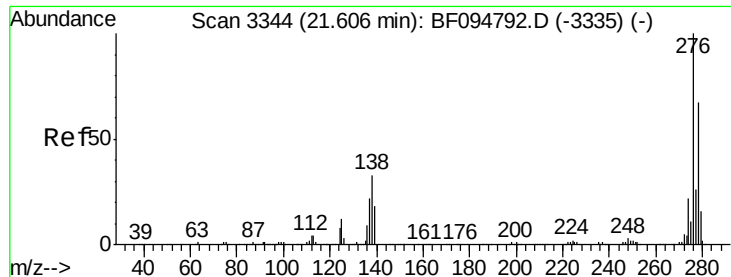
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 0.045 ng
 RT: 19.47 min Scan# 2980
 Delta R.T. -0.02 min
 Lab File: BF094826.D
 Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	34.0	8.5	12.7#





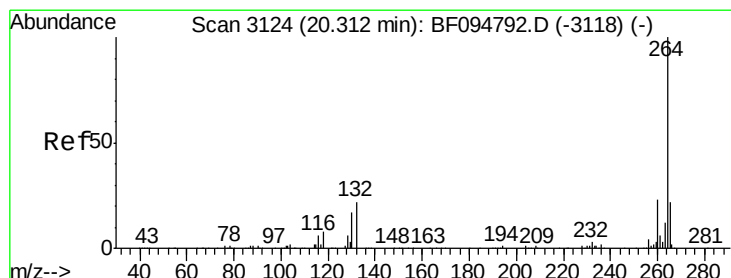
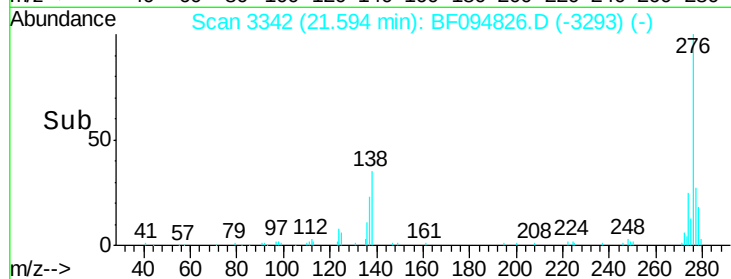
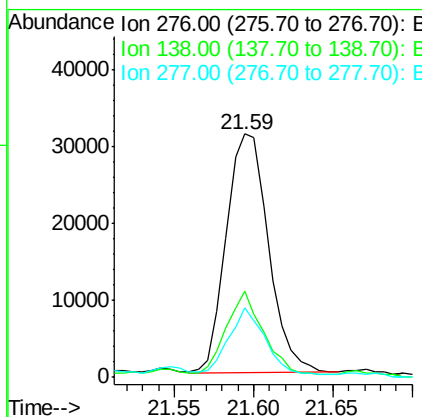
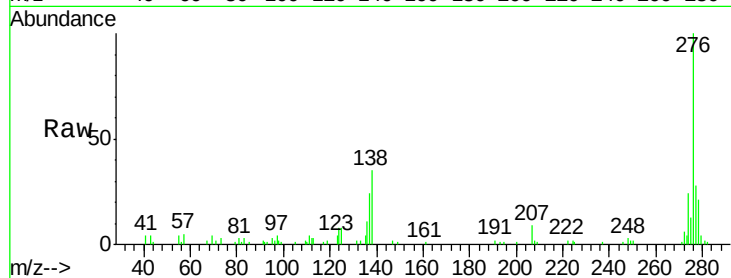
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.081 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Instrument :
BNA_F
ClientSampleId :
OWS-S(4.5-5)DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.8	41.6
277	24.3	20.2	30.4

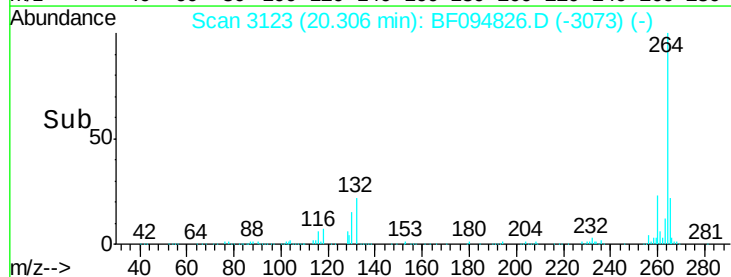
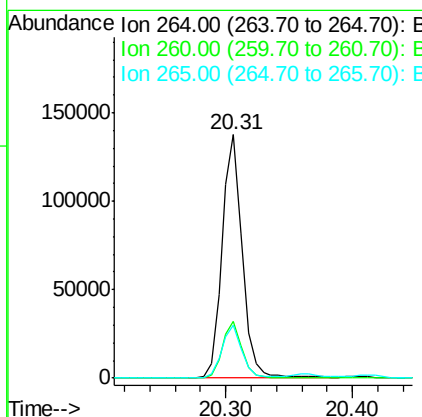
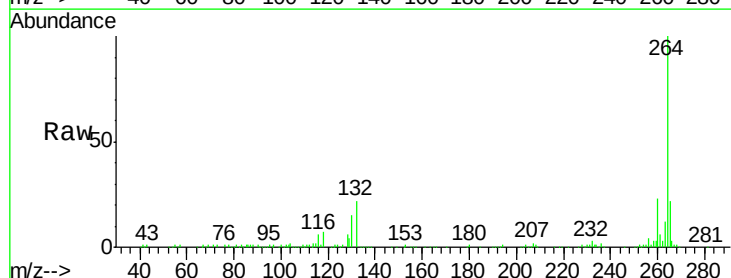
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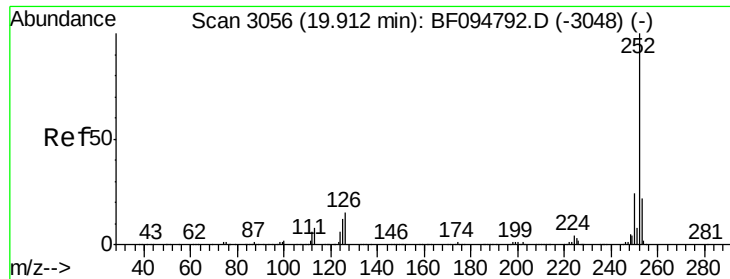
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.6	17.2	25.8





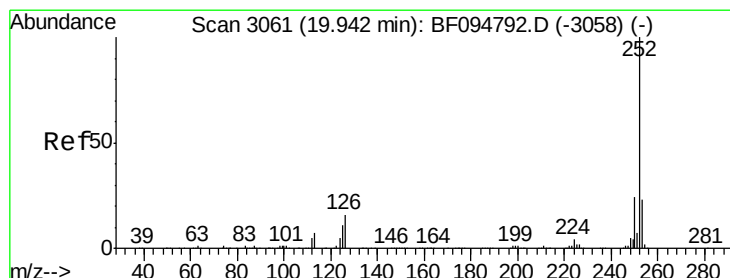
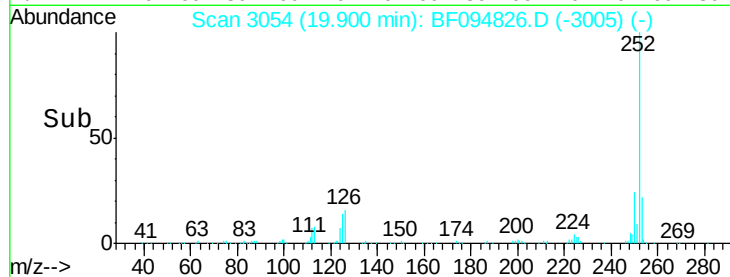
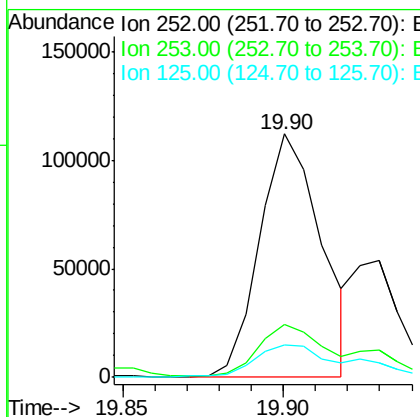
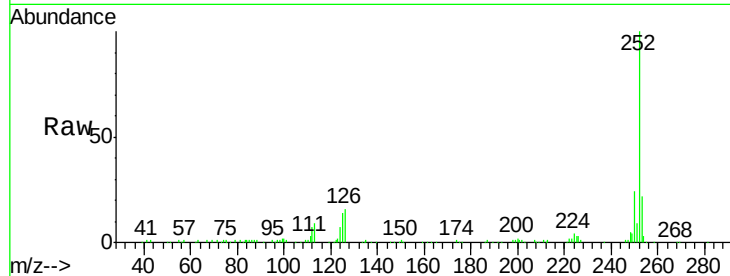
#87
Benzo(b)fluoranthene
Concen: 15.909 ng m
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Instrument :
BNA_F
ClientSampleId :
OWS-S(4.5-5)DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	13.6	9.8	14.8

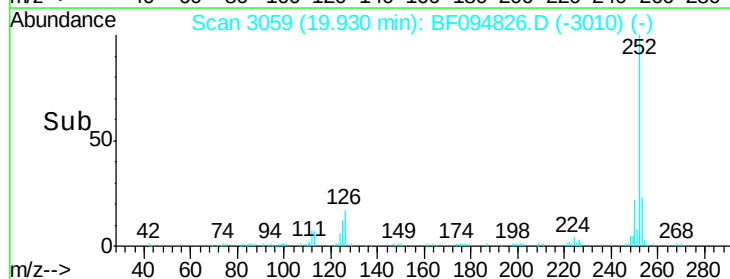
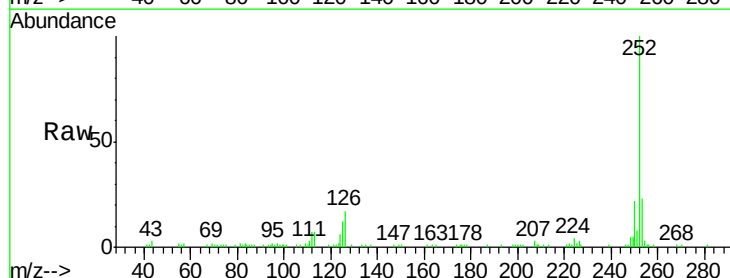
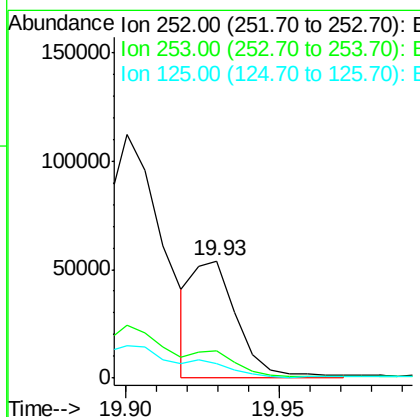
Manual Integrations
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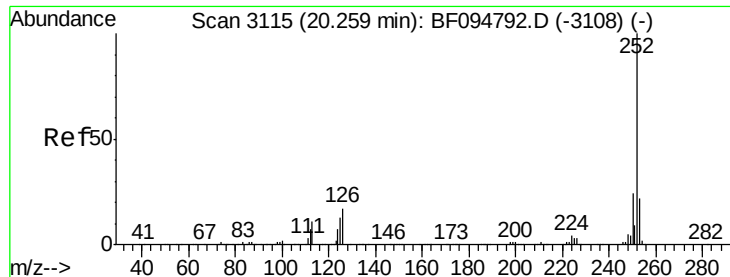
mohammad
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#88
Benzo(k)fluoranthene
Concen: 6.063 ng m
RT: 19.93 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF094826.D
Acq: 3 May 2017 9:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	12.5	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 13.353 ng

RT: 20.25 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BF094826.D

Acq: 3 May 2017 9:56

Instrument :

BNA_F

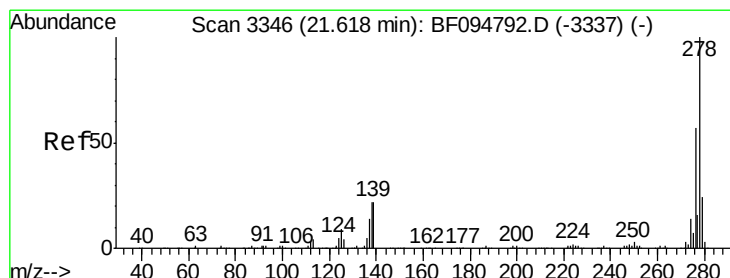
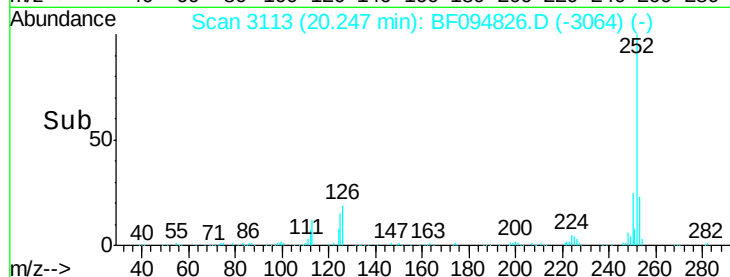
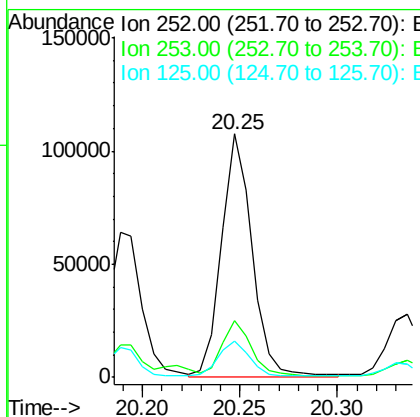
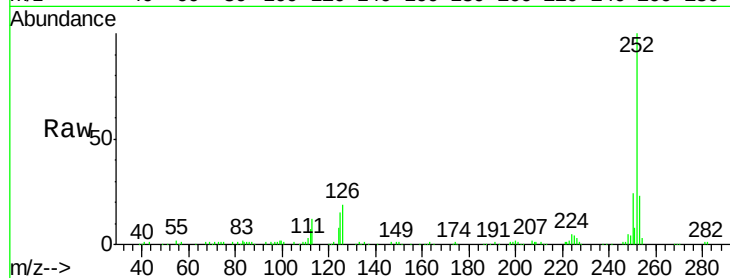
ClientSampleId :

OWS-S(4.5-5)DL

Tgt Ion:	252	Resp:	116134
Ion Ratio		Lower	Upper
252	100		
253	23.1	17.5	26.3
125	14.8	11.0	16.4

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 1.669 ng

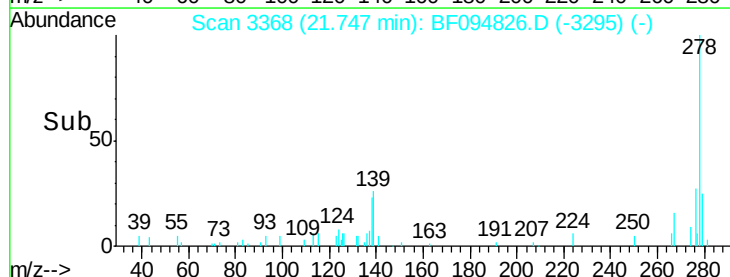
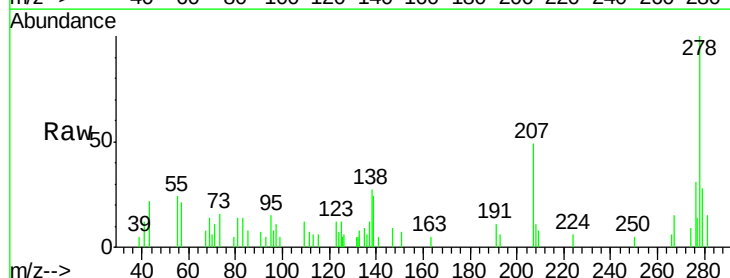
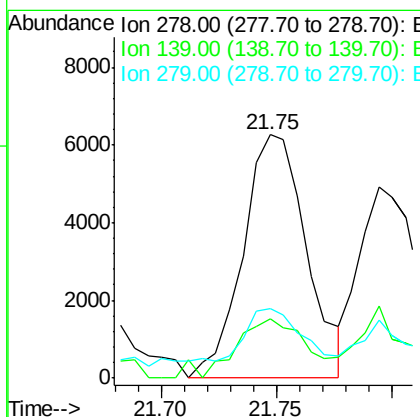
RT: 21.75 min Scan# 3368

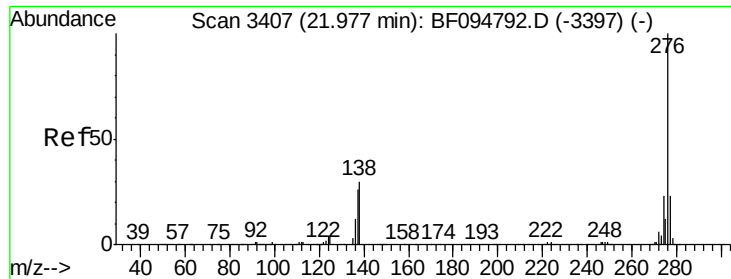
Delta R.T. 0.13 min

Lab File: BF094826.D

Acq: 3 May 2017 9:56

Tgt Ion:	278	Resp:	11991
Ion Ratio		Lower	Upper
278	100		
139	24.2	16.6	24.8
279	28.3	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 8.450 ng
 RT: 21.97 min Scan# 3406
 Delta R.T. -0.01 min
 Lab File: BF094826.D
 Acq: 3 May 2017 9:56

Instrument :
 BNA_F
 ClientSampleId :
 OWS-S(4.5-5)DL

Tgt Ion:	276	Resp:	59565
Ion Ratio		Lower	Upper
276	100		
277	27.3	18.6	28.0
138	27.0	25.4	38.0

Manual Integrations
 APPROVED

mohammad
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