

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094813.D
 Acq On : 3 May 2017 1:44
 Operator : SJ/MA
 Sample : I2925-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 220-1W-COMP-001

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:44:34 PM

Quant Time: May 03 04:25:35 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	7.73	152	101295	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	412615	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	183237	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	283108	20.00	ng	0.00
75) Chrysene-d12	18.64	240	199668	20.00	ng	-0.01
86) Perylene-d12	20.31	264	187912	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	622286	102.42	ng	0.00
7) Phenol-d6	7.27	99	765495	105.01	ng	0.00
23) Nitrobenzene-d5	8.62	82	464013	70.91	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	138481	92.28	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	876713	68.87	ng	0.00
78) Terphenyl-d14	17.31	244	563869	62.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	259	0.087	ng	# 60
6) Aniline	7.39	93	604	0.066	ng	# 1
8) 2-Chlorophenol	7.42	128	283	0.041	ng	# 1
9) Benzaldehyde	7.27	77	840	0.189	ng	# 1
10) Phenol	7.28	94	6707	0.873	ng	# 24
11) bis(2-Chloroethyl)ether	7.39	93	604	0.095	ng	# 1
12) 1,3-Dichlorobenzene	7.76	146	699	0.089	ng	# 26
13) 1,4-Dichlorobenzene	7.76	146	699	0.088	ng	# 25
14) 1,2-Dichlorobenzene	7.99	146	283	0.038	ng	# 23
15) Benzyl Alcohol	7.97	79	7167	1.529	ng	# 43
24) Nitrobenzene	8.62	77	995	0.145	ng	# 39
25) Isophorone	8.93	82	119	0.010	ng	# 67
30) 1,2,4-Trichlorobenzene	9.68	180	813	0.134	ng	# 75
31) Naphthalene	9.78	128	5610	0.271	ng	# 83
33) 4-Chloroaniline	9.78	127	739	0.096	ng	# 14
37) 2-Methylnaphthalene	10.92	142	2026	0.149	ng	# 95
45) 1,1'-Biphenyl	11.68	154	700	0.045	ng	# 42
48) Acenaphthylene	12.35	152	2715	0.139	ng	# 85
49) Dimethylphthalate	12.21	163	123805	8.230	ng	# 99
50) 2,6-Dinitrotoluene	12.21	165	1137	0.370	ng	# 1
51) Acenaphthene	11.68	154	700	0.045	ng	# 4
54) Dibenzofuran	12.93	168	3280	0.203	ng	# 80
55) 4-Nitrophenol	12.93	139	883	0.446	ng	# 25
57) Fluorene	13.48	166	4504	0.321	ng	# 89
59) Diethylphthalate	13.36	149	688	0.048	ng	# 60
62) Azobenzene	13.87	77	673	0.058	ng	# 22
65) n-Nitrosodiphenylamine	13.87	169	4838	0.471	ng	# 39
70) Phenanthrene	15.01	178	40046	2.462	ng	# 98
71) Anthracene	15.10	178	16906	1.017	ng	# 97
72) Carbazole	15.39	167	3806	0.252	ng	# 87
73) Di-n-butylphthalate	15.95	149	2185	0.116	ng	# 81
74) Fluoranthene	16.75	202	67805	4.064	ng	# 97
77) Pyrene	17.06	202	62196	4.165	ng	# 96
79) Butylbenzylphthalate	17.97	149	14092	2.029	ng	# 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	18.63	228	30519	2.626	ng	97
81) 3,3'-Dichlorobenzidine	18.71	252	136	0.034	ng #	27
82) Chrysene	18.68	228	28353m	2.523	ng	
83) Bis(2-ethylhexyl)phthalate	18.71	149	270598	27.343	ng #	98
84) Di-n-octyl phthalate	19.48	149	2716	0.167	ng #	74
85) Indeno(1,2,3-cd)pyrene	21.60	276	17044	1.868	ng	96
87) Benzo(b)fluoranthene	19.91	252	36143m	3.113	ng	
88) Benzo(k)fluoranthene	19.93	252	15453m	1.380	ng	
89) Benzo(a)pyrene	20.25	252	24790	2.314	ng	94
90) Dibenzo(a,h)anthracene	21.60	278	4027	0.455	ng #	67
91) Benzo(g,h,i)perylene	21.98	276	15952	1.837	ng	95

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

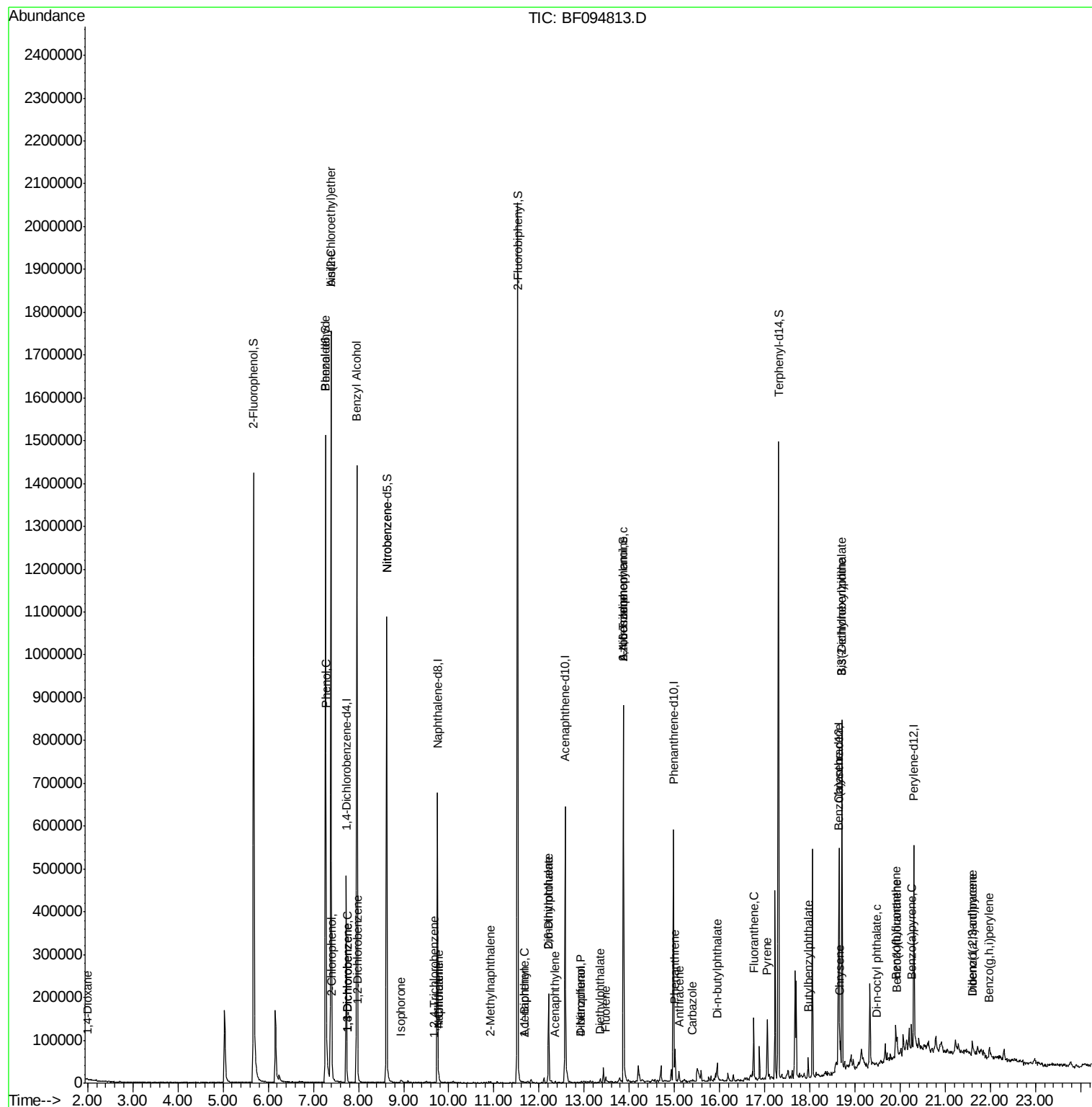
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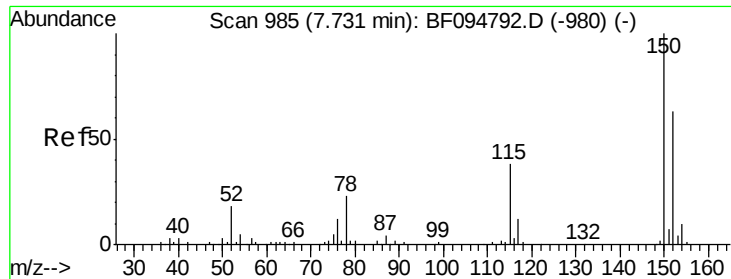
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#1

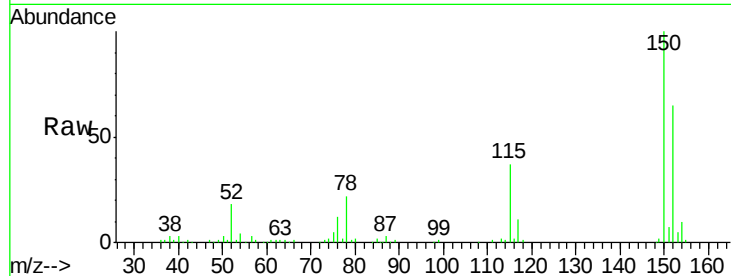
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Instrument :
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ClientSampleId :
220-1W-COMP-001

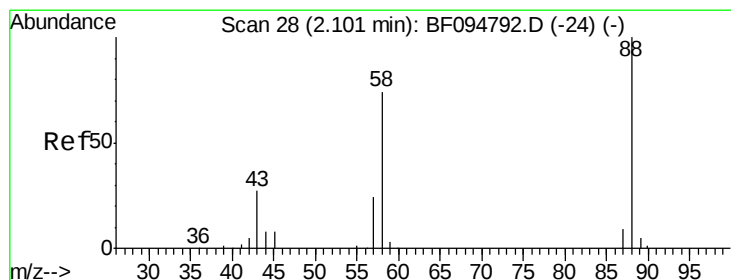
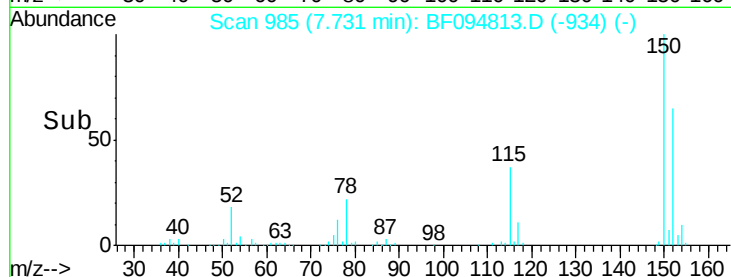
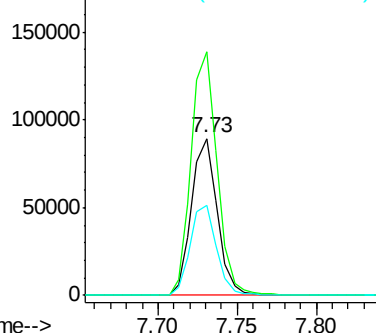
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	56.9	52.2	78.2

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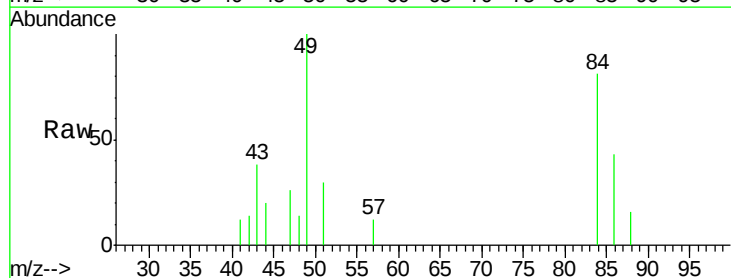
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



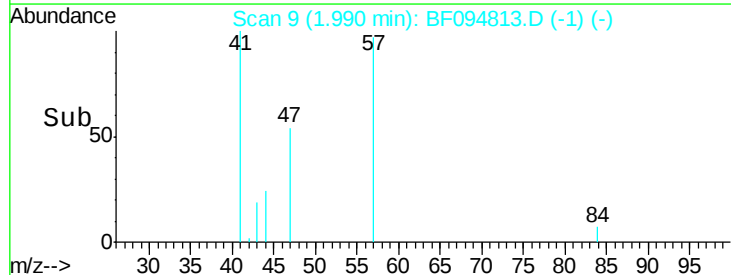
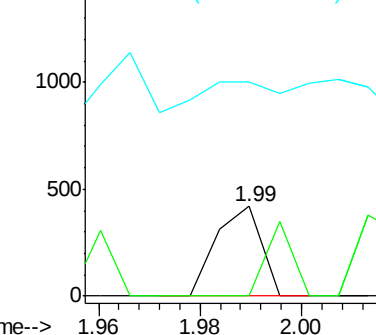
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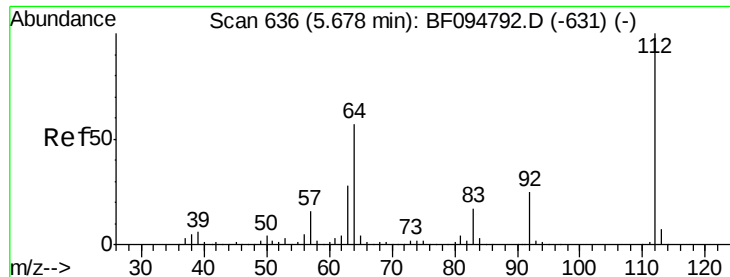
1,4-Dioxane
Concen: 0.087 ng
RT: 1.99 min Scan# 9
Delta R.T. -0.11 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	47.1	61.4	92.0#
43	0.0	23.4	35.0#



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





#5

2-Fluorophenol

Concen: 102.422 ng

RT: 5.68 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

Instrument :

BNA_F

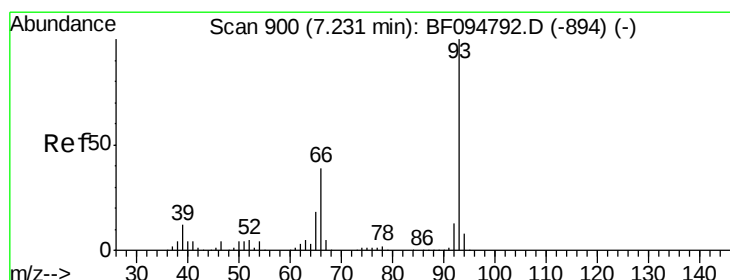
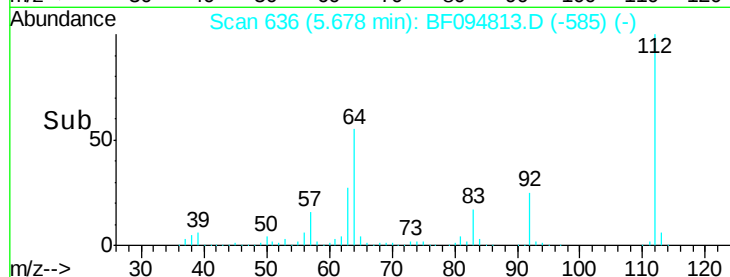
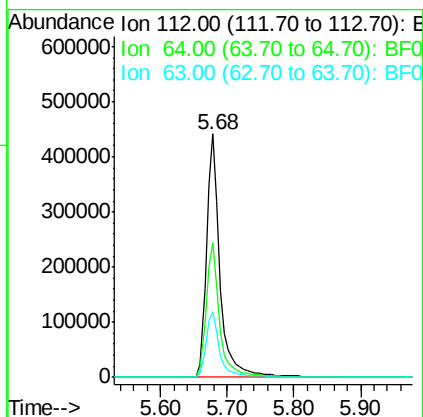
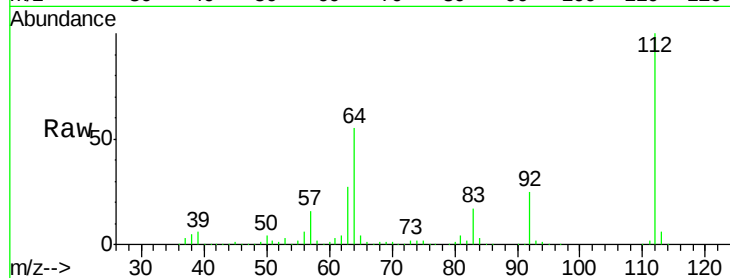
ClientSampleId :

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Tgt Ion:	112	Resp:	622286
Ion Ratio	Lower	Upper	
112	100		
64	55.2	46.0	69.0
63	27.0	23.4	35.0

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#6

Aniline

Concen: 0.066 ng

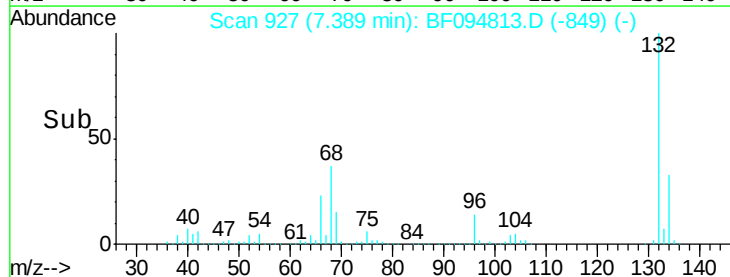
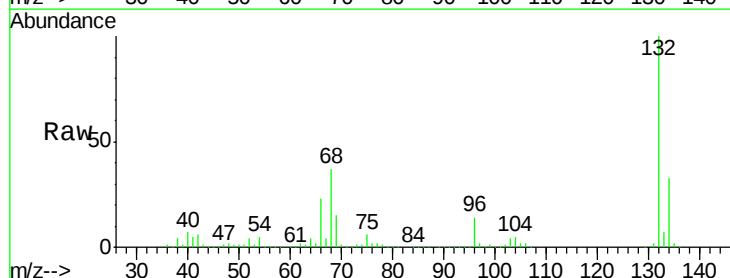
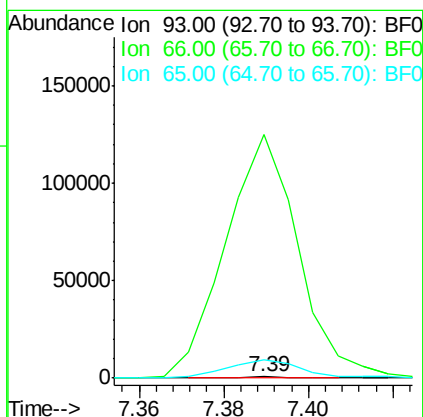
RT: 7.39 min Scan# 927

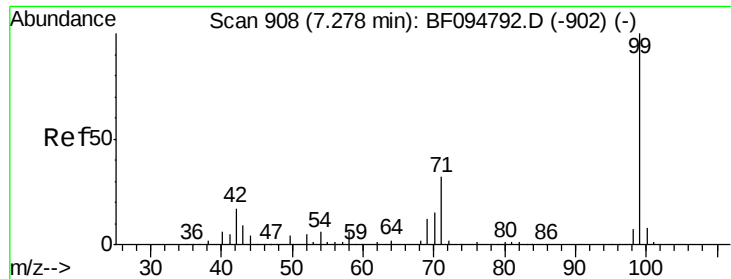
Delta R.T. 0.16 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

Tgt Ion:	93	Resp:	604
Ion Ratio	Lower	Upper	
93	100		
66	16709.1	32.9	49.3#
65	1296.0	16.0	24.0#





#7

Phenol-d6

Concen: 105.007 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

Instrument :

BNA_F

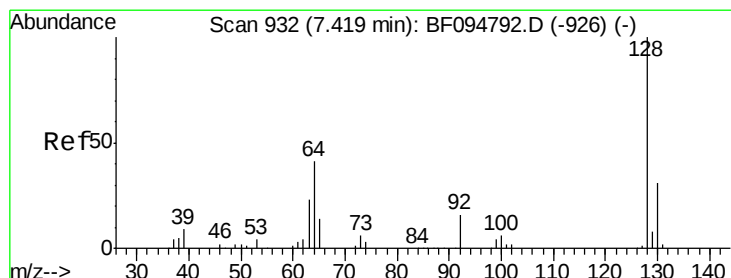
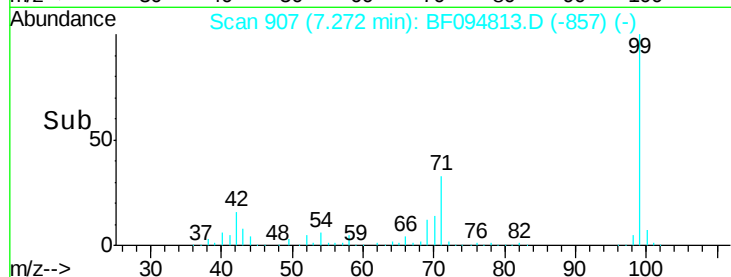
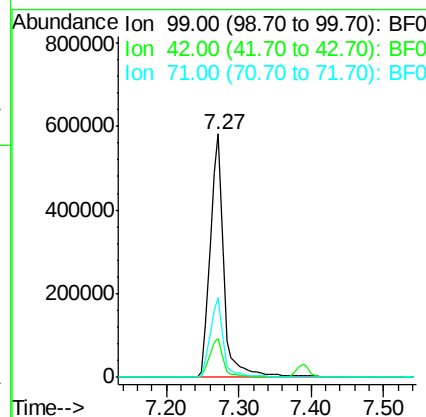
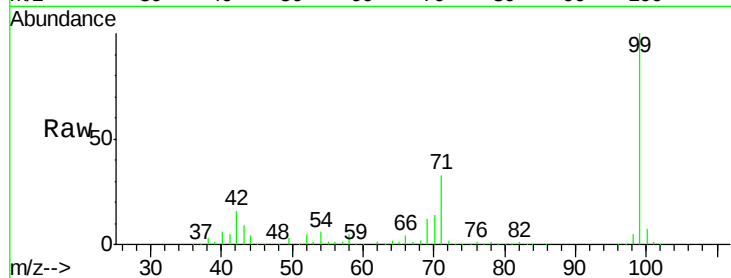
ClientSampleId :

220-1W-COMP-001

Tgt Ion:	99	Resp:	765495
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.5	20.3
71	32.5	24.5	36.7

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#8

2-Chlorophenol

Concen: 0.041 ng

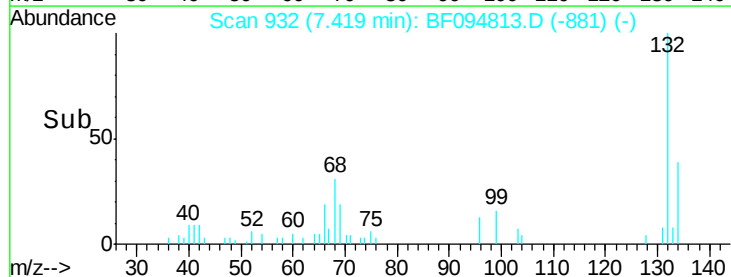
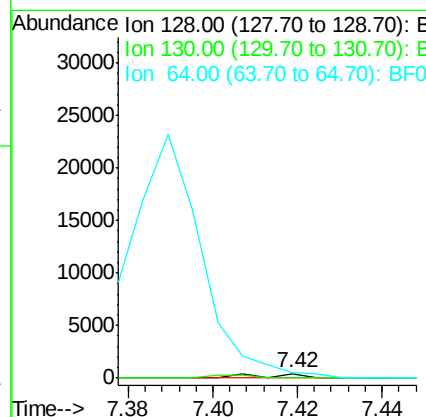
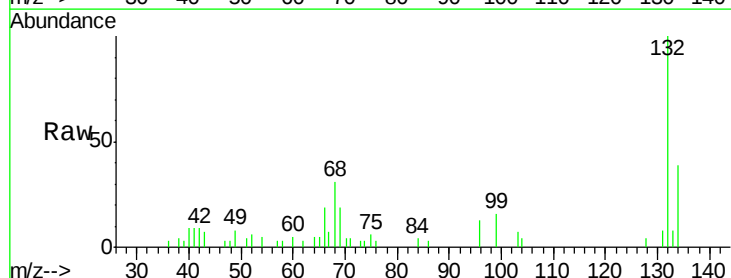
RT: 7.42 min Scan# 932

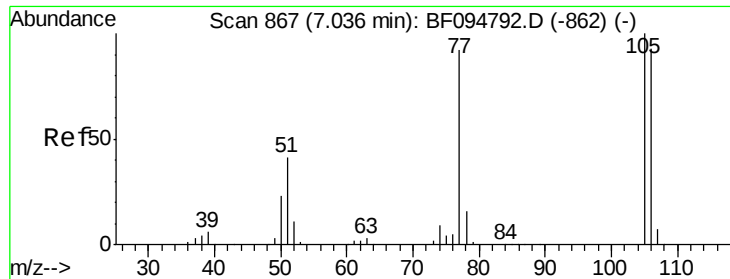
Delta R.T. -0.00 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

Tgt Ion:	128	Resp:	283
Ion Ratio	Lower	Upper	
128	100		
130	0.0	12.9	52.9#
64	138.8	28.4	68.4#





#9

Benzaldehyde

Concen: 0.189 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.23 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

Instrument :

BNA_F

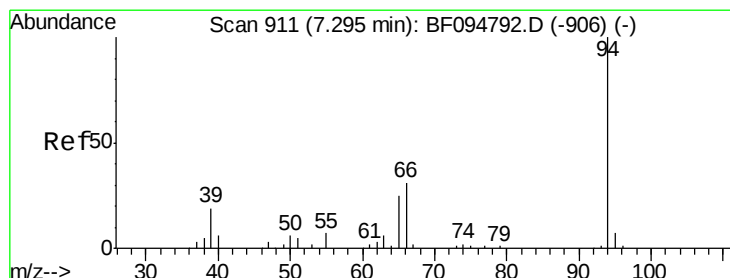
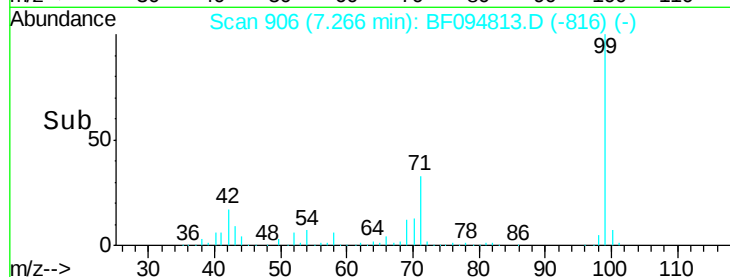
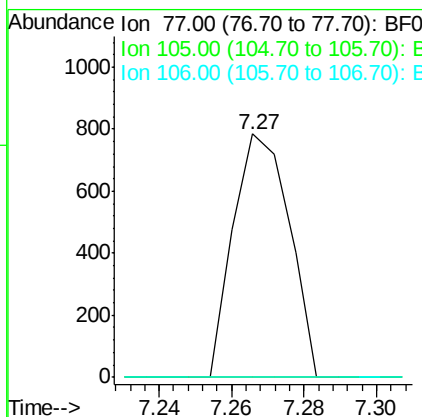
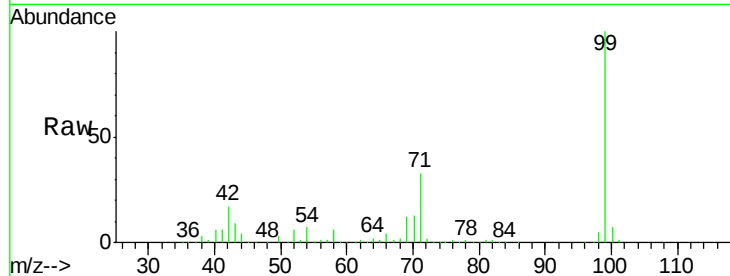
ClientSampleId :

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Tgt Ion:	77	Resp:	840
Ion Ratio	Lower	Upper	
77	100		
105	0.0	83.8	123.8#
106	0.0	79.1	119.1#

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#10

Phenol

Concen: 0.873 ng

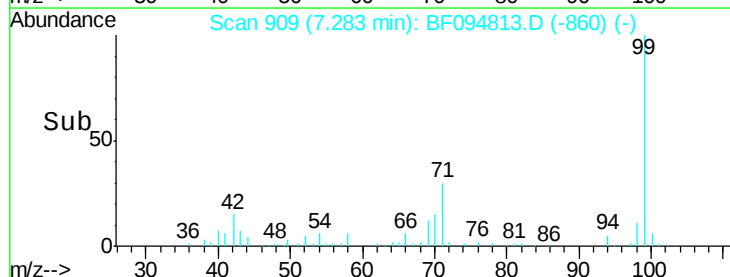
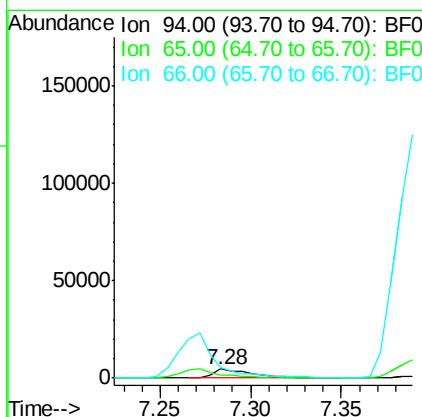
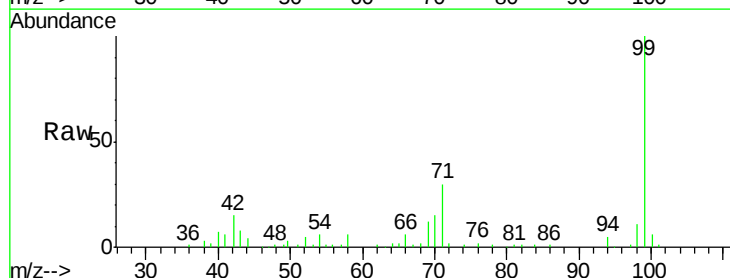
RT: 7.28 min Scan# 909

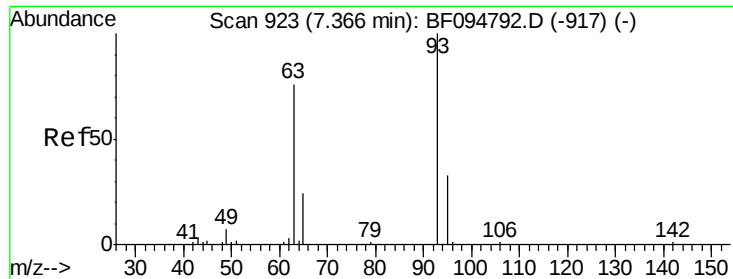
Delta R.T. -0.01 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

Tgt Ion:	94	Resp:	6707
Ion Ratio	Lower	Upper	
94	100		
65	39.5	9.9	49.9
66	117.9	23.1	63.1#





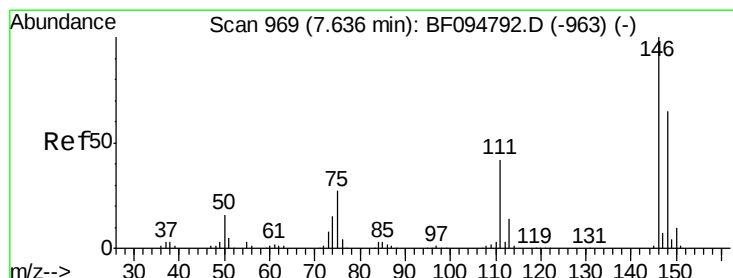
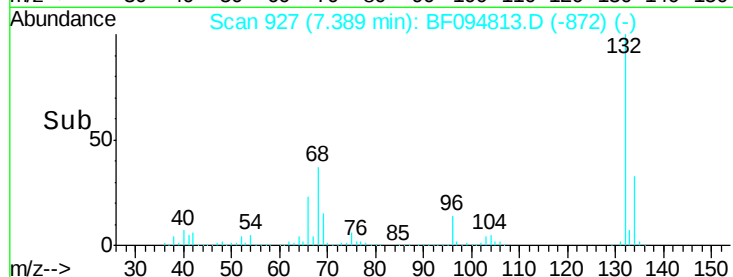
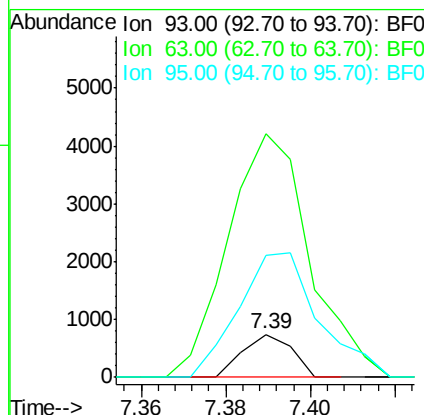
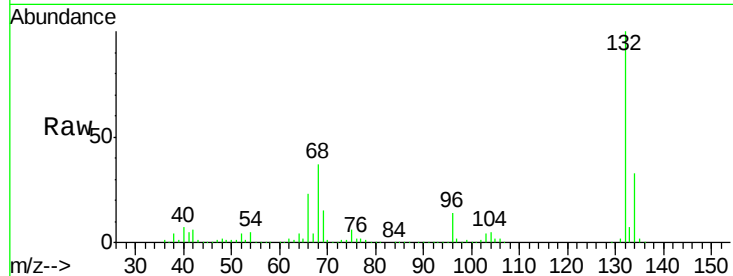
#11
bis(2-Chloroethyl)ether
Concen: 0.095 ng
RT: 7.39 min Scan# 927
Delta R.T. 0.02 min
Lab File: BF094813.D
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Tgt Ion	Ratio	Lower	Upper
93	100		
63	563.0	59.2	99.2#
95	281.8	12.8	52.8#

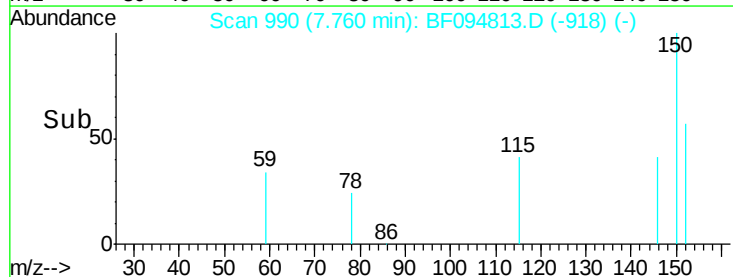
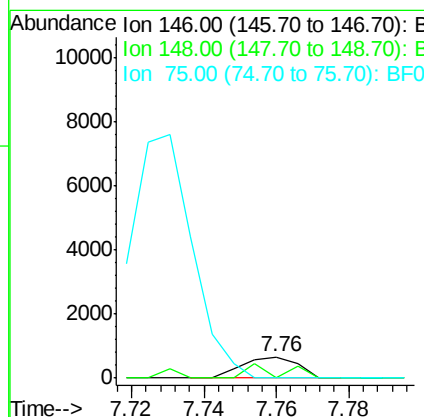
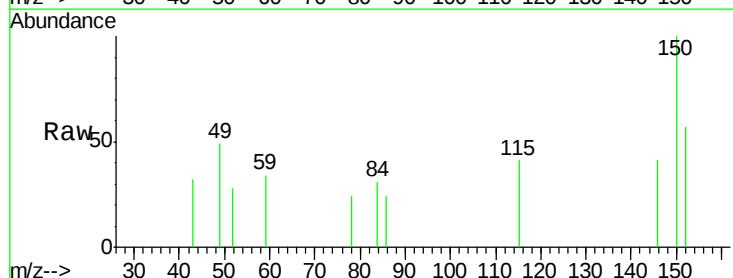
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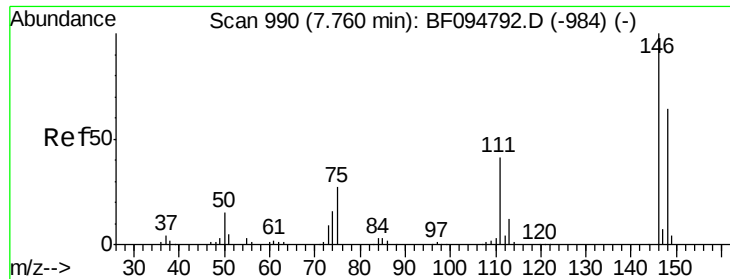
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#12
1,3-Dichlorobenzene
Concen: 0.089 ng
RT: 7.76 min Scan# 990
Delta R.T. 0.12 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.8	77.6#
75	0.0	23.1	34.7#





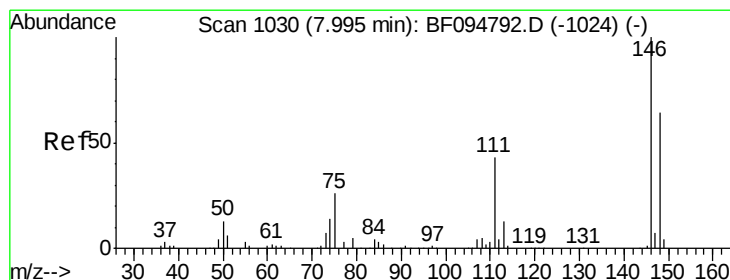
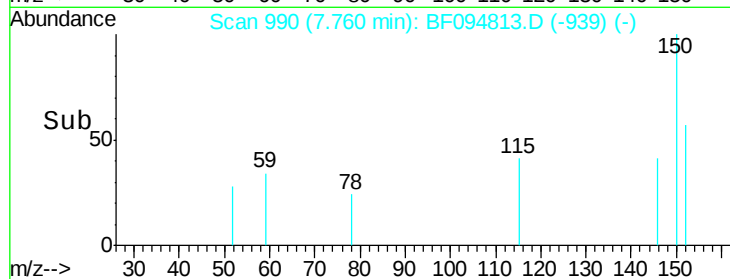
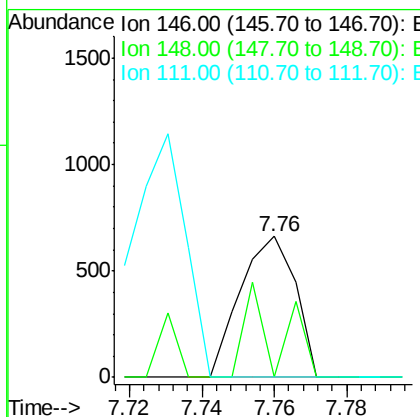
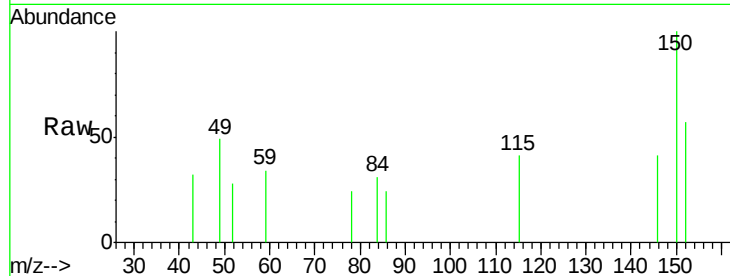
#13
 1,4-Dichlorobenzene
 Concen: 0.088 ng
 RT: 7.76 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF094813.D
 Acq: 3 May 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 220-1W-COMP-001

Tgt Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.2	78.2#
111	0.0	30.3	45.5#

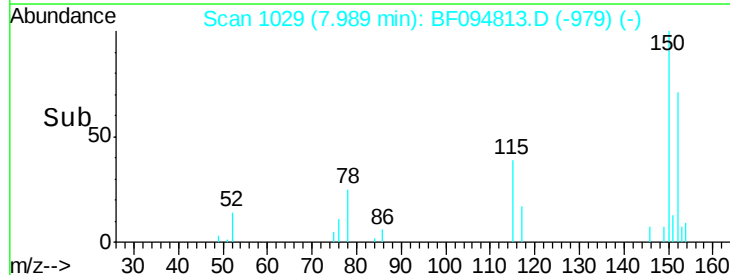
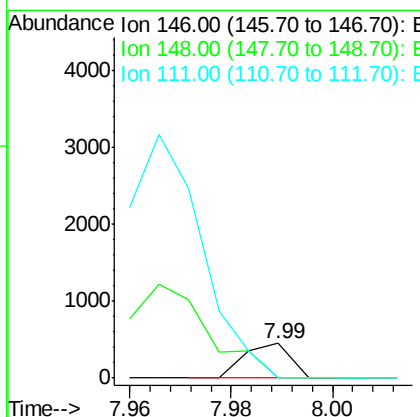
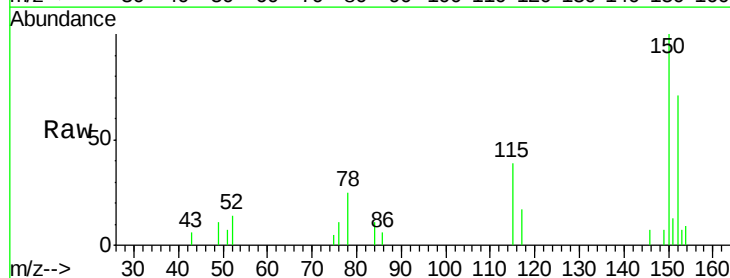
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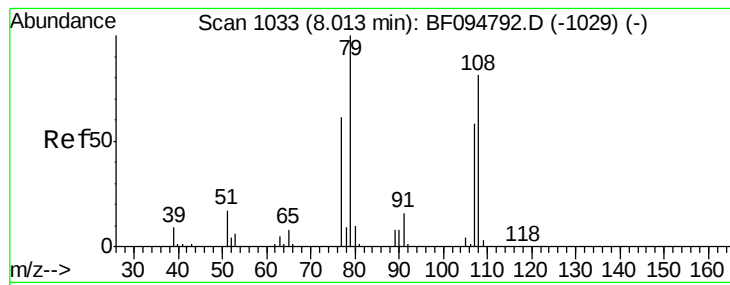
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 0.038 ng
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF094813.D
 Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	0.0	50.4	75.6#
111	0.0	38.2	57.4#





#15

Benzyl Alcohol

Concen: 1.529 ng

RT: 7.97 min Scan# 1025

Delta R.T. -0.05 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

Instrument :

BNA_F

ClientSampleId :

220-1W-COMP-001

Tgt Ion: 79 Resp: 7167
Ion Ratio Lower Upper

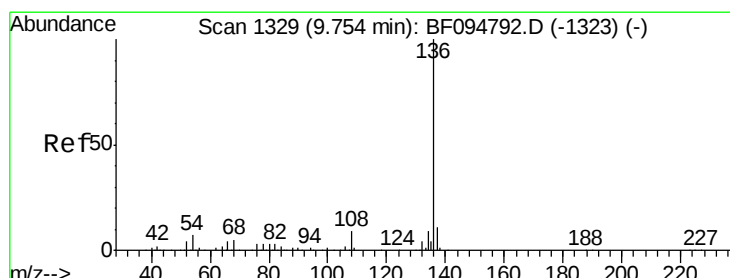
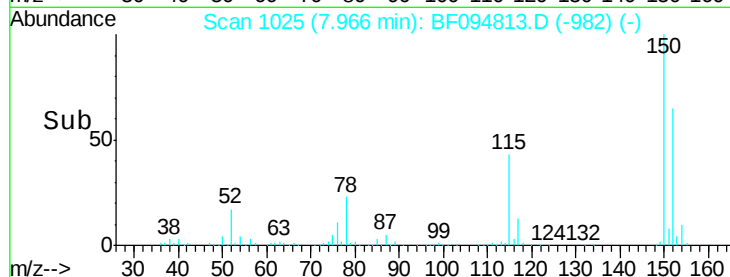
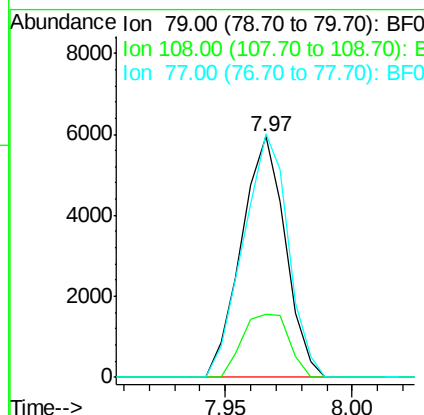
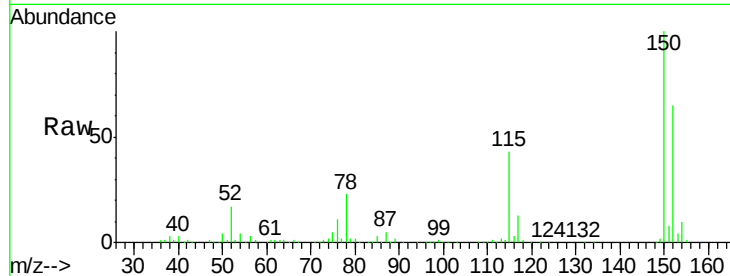
79 100

108 26.1 63.4 95.0#

77 101.2 49.2 73.8#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.75 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

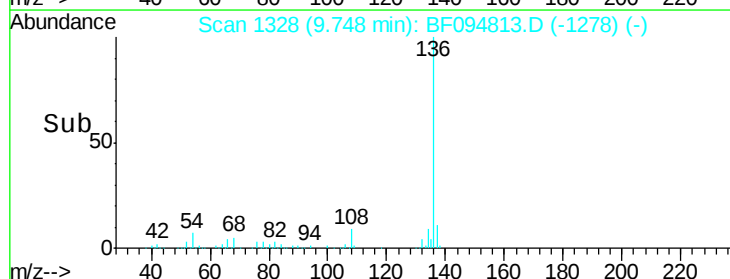
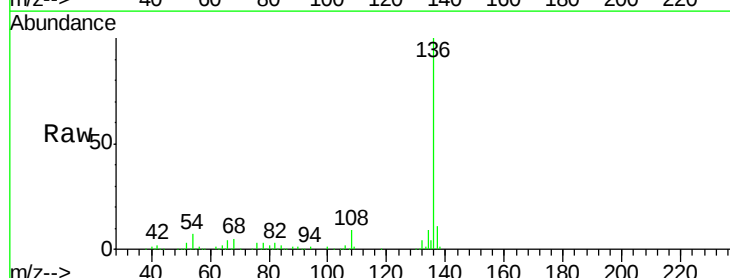
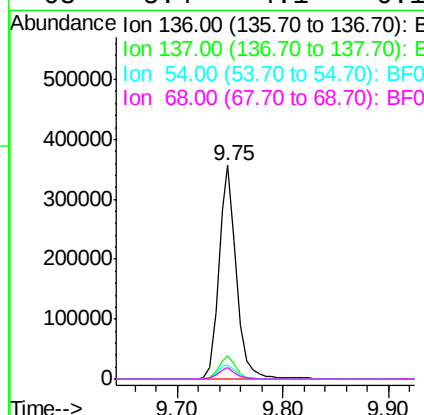
Tgt Ion: 136 Resp: 412615
Ion Ratio Lower Upper

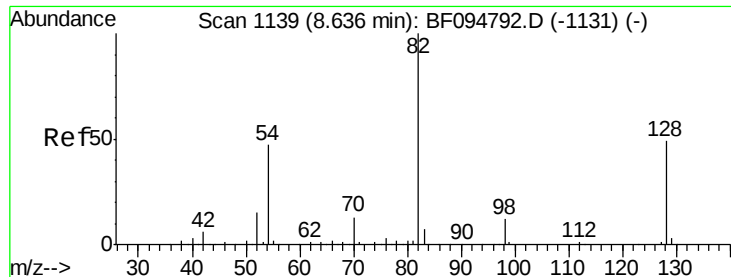
136 100

137 10.5 8.5 12.7

54 6.8 4.9 7.3

68 5.4 4.1 6.1





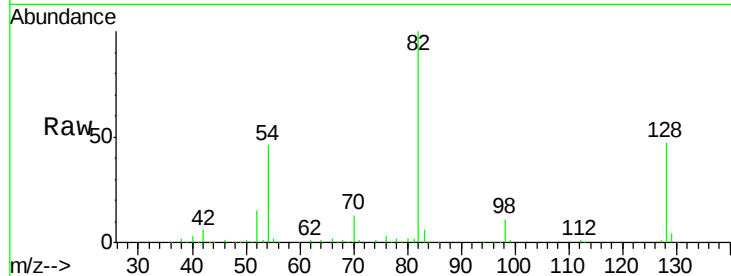
#23
Nitrobenzene-d5
Concen: 70.914 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Instrument :
BNA_F
ClientSampleId :
220-1W-COMP-001

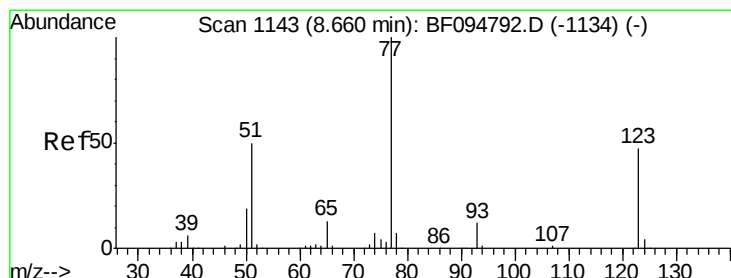
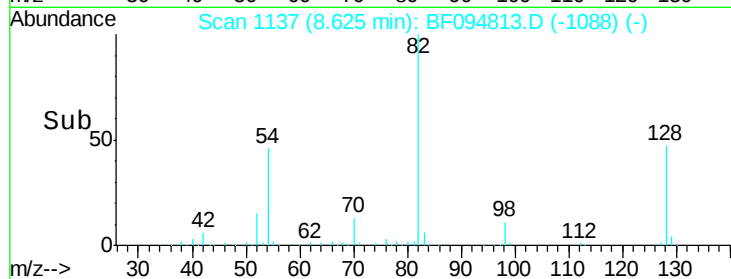
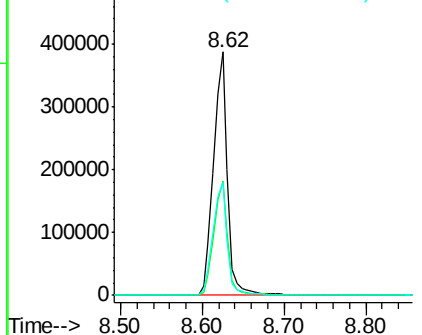
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	46.5	42.2	63.2

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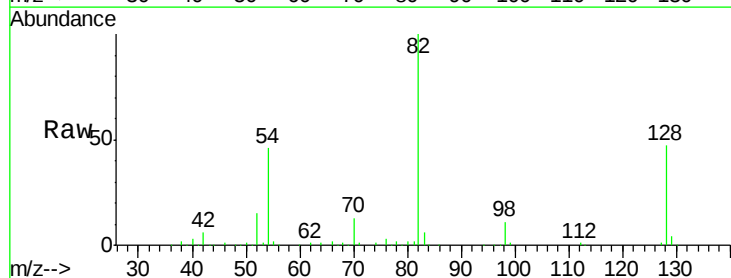


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

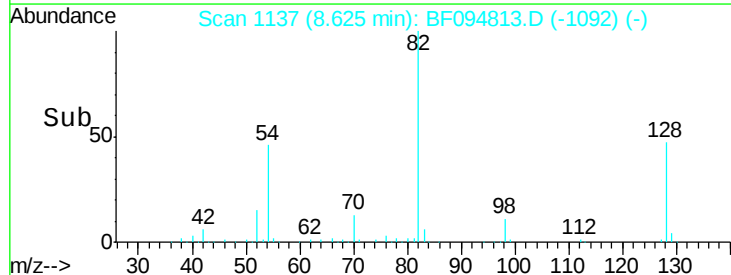
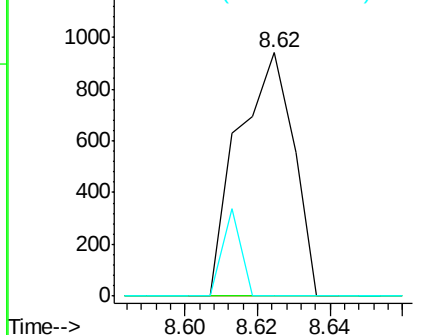


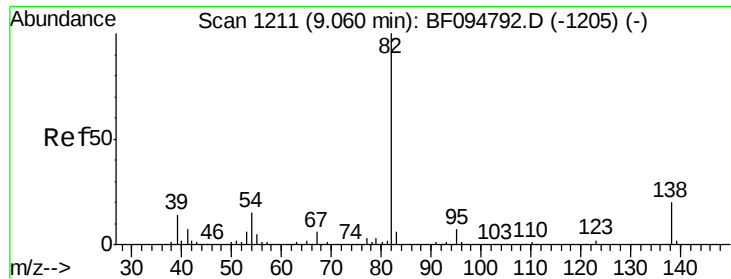
#24
Nitrobenzene
Concen: 0.145 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.04 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

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



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 0.010 ng

RT: 8.93 min Scan# 1189

Delta R.T. -0.13 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

Instrument :

BNA_F

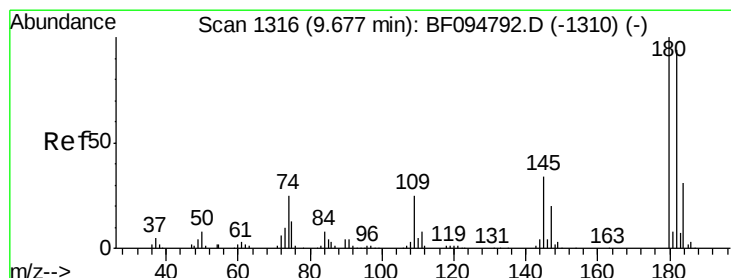
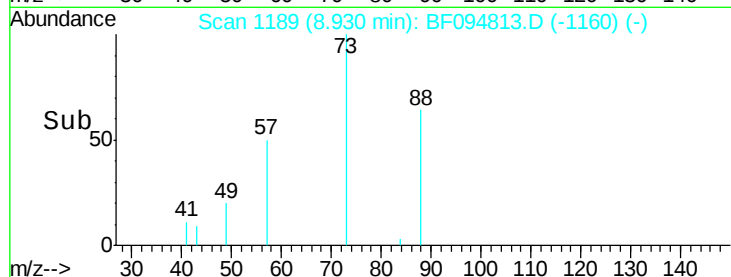
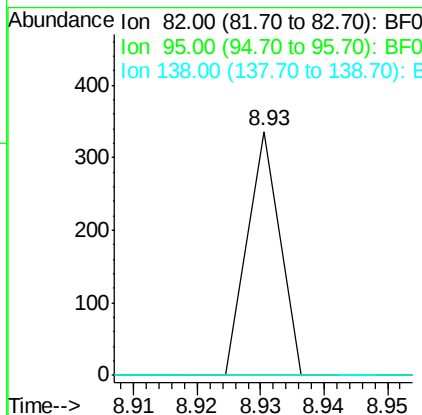
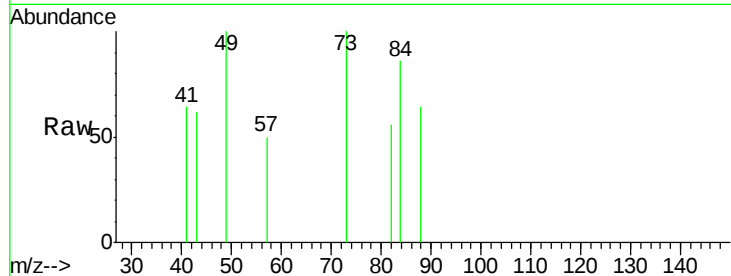
ClientSampleId :

220-1W-COMP-001

Tgt Ion:	82	Resp:	119
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

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#30

1,2,4-Trichlorobenzene

Concen: 0.134 ng

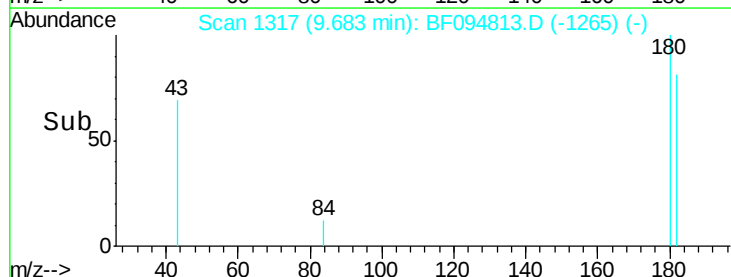
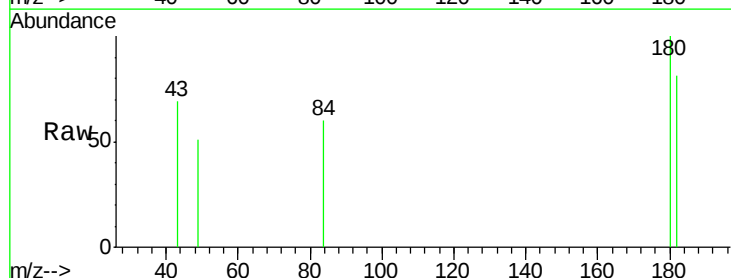
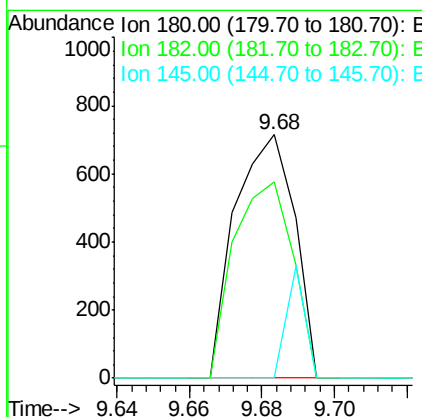
RT: 9.68 min Scan# 1317

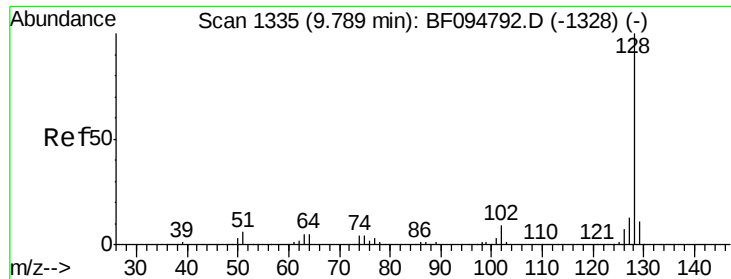
Delta R.T. 0.01 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

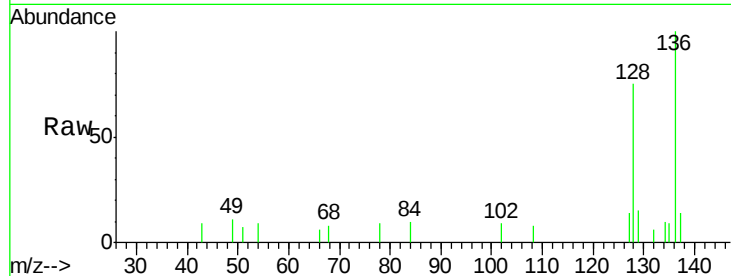
Tgt Ion:	180	Resp:	813
Ion Ratio	Lower	Upper	
180	100		
182	80.7	75.8	113.6
145	0.0	25.3	37.9#





#31
Naphthalene
Concen: 0.271 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

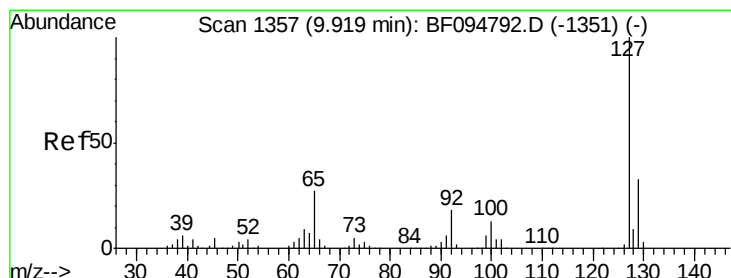
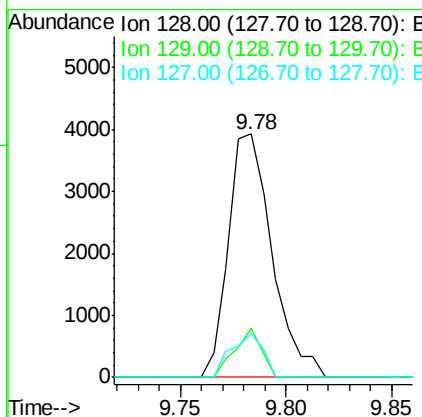
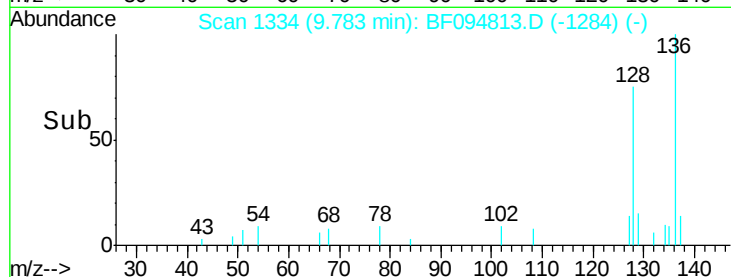
Instrument :
BNA_F
ClientSampleId :
220-1W-COMP-001



Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	20.2	9.0	13.6#
127	18.0	10.8	16.2#

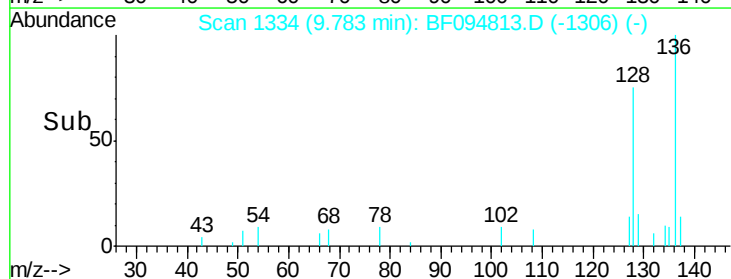
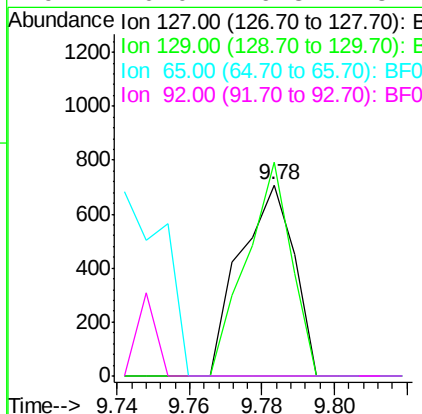
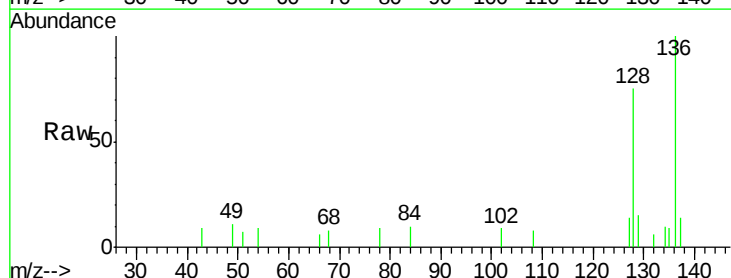
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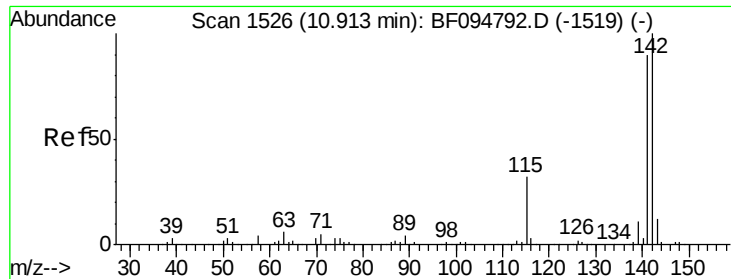
mohammad
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#33
4-Chloroaniline
Concen: 0.096 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.14 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	111.7	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#





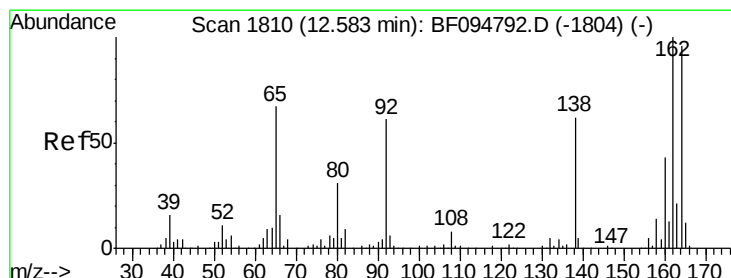
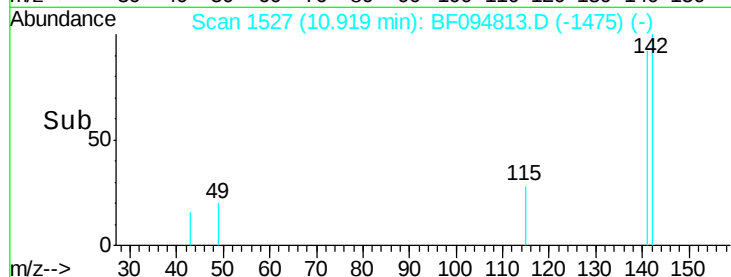
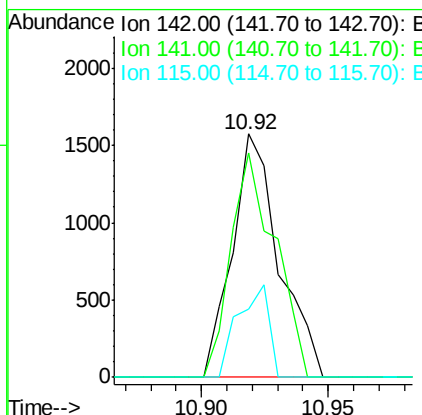
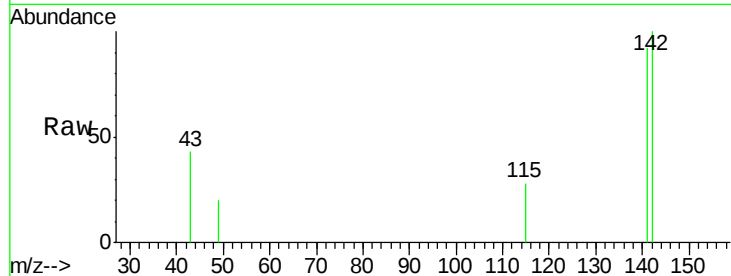
#37
2-Methylnaphthalene
Concen: 0.149 ng
RT: 10.92 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Instrument :
BNA_F
ClientSampleId :
220-1W-COMP-001

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.3	106.9
115	27.9	27.1	40.7

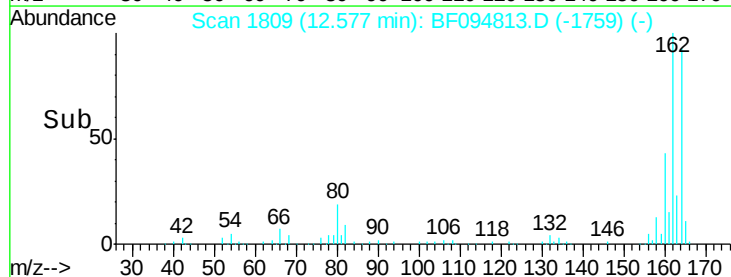
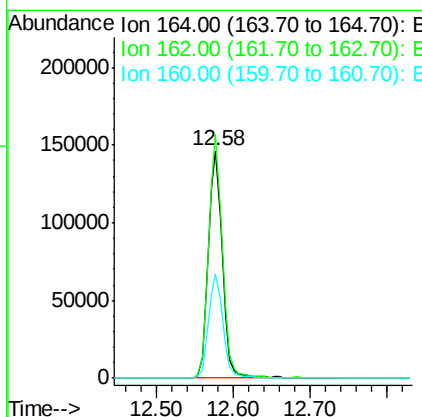
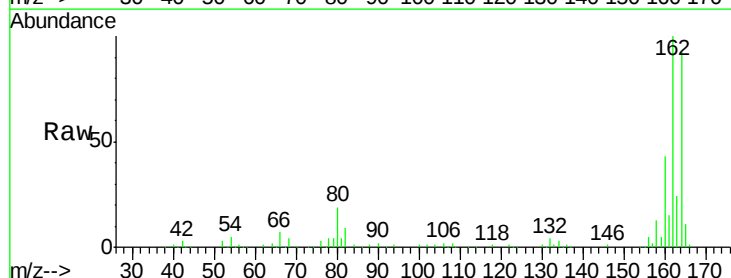
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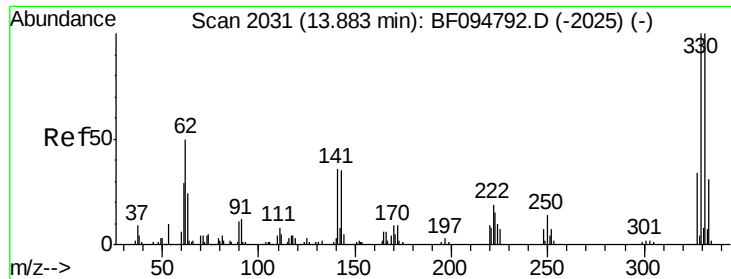
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	82.6	123.8
160	45.5	36.2	54.2





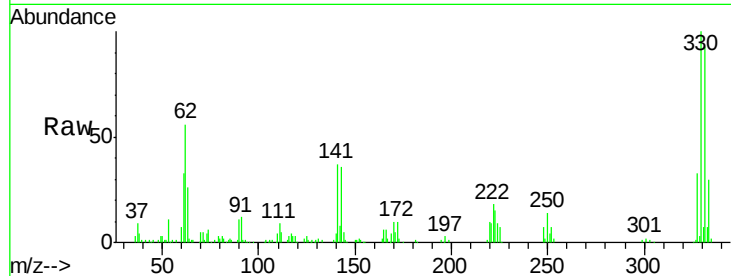
#41
 2,4,6-Tribromophenol
 Concen: 92.281 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094813.D
 Acq: 3 May 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 220-1W-COMP-001

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	138481		
332	95.0	76.6	115.0	
141	38.1	31.4	47.2	

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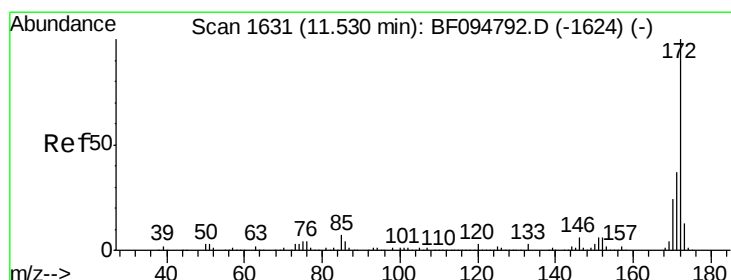
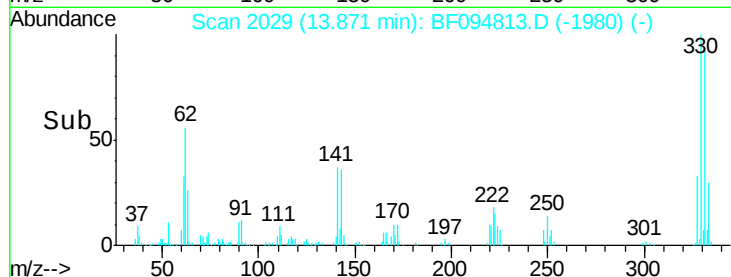
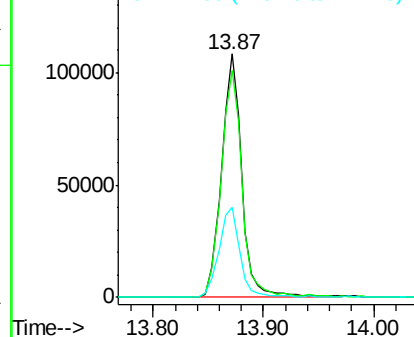


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.866 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094813.D
 Acq: 3 May 2017 1:44

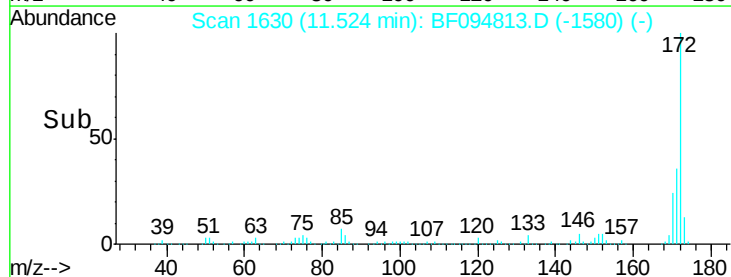
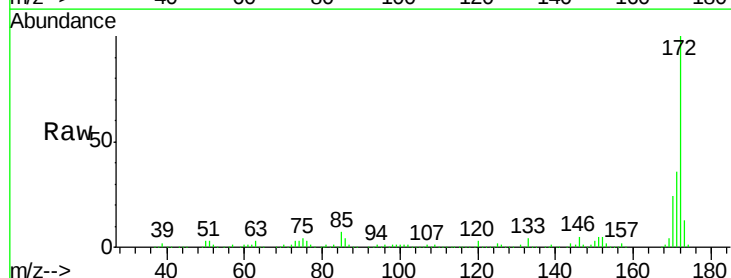
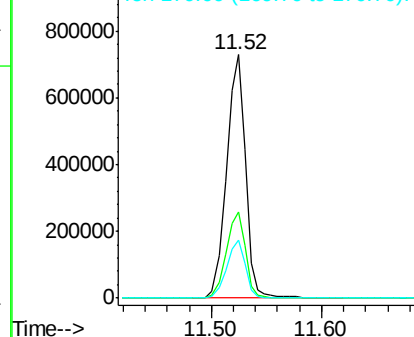
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	876713		
171	35.6	29.6	44.4	
170	23.6	19.8	29.8	

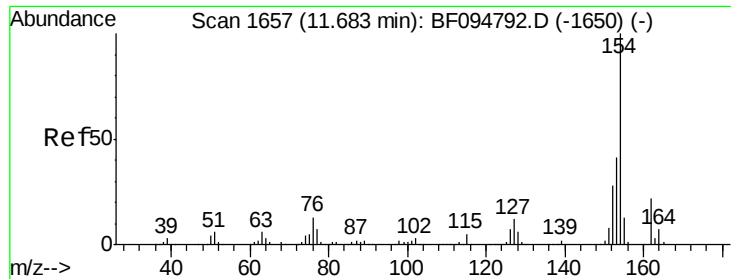
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





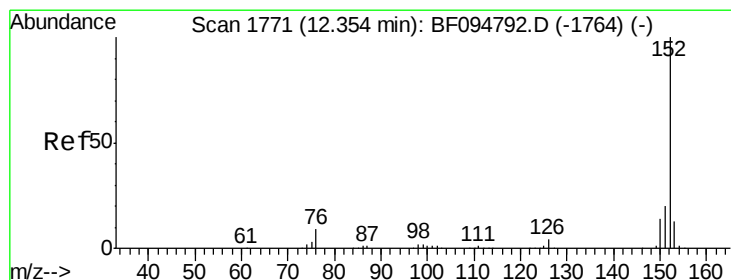
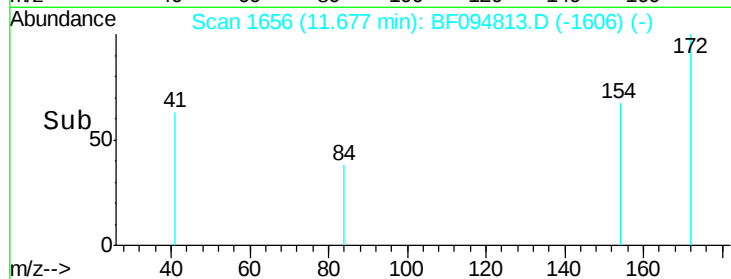
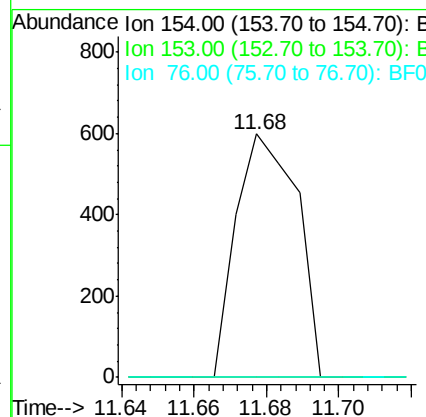
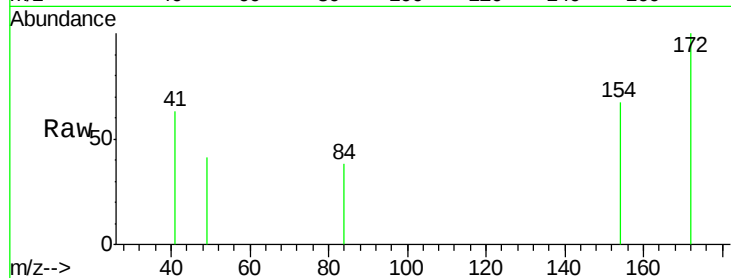
#45
1,1'-Biphenyl
Concen: 0.045 ng
RT: 11.68 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Instrument :
BNA_F
ClientSampleId :
220-1W-COMP-001

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

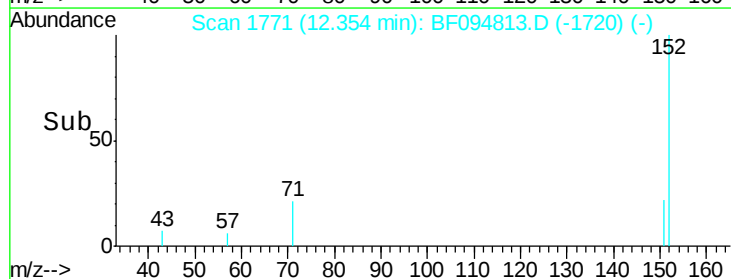
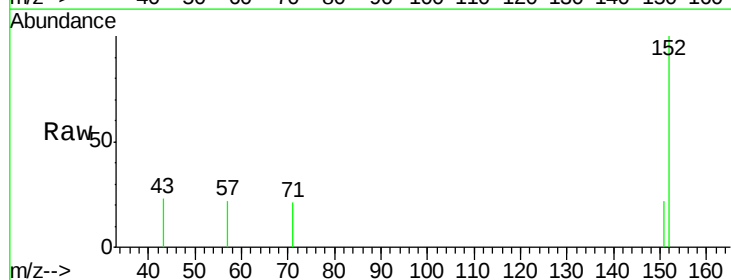
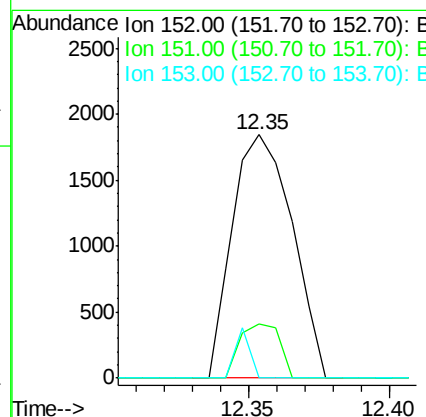
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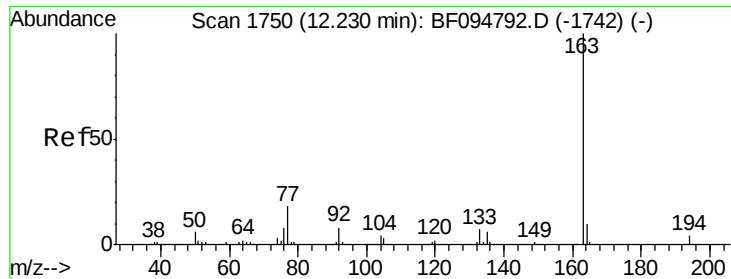
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#48
Acenaphthylene
Concen: 0.139 ng
RT: 12.35 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.8	25.2
153	0.0	10.8	16.2#





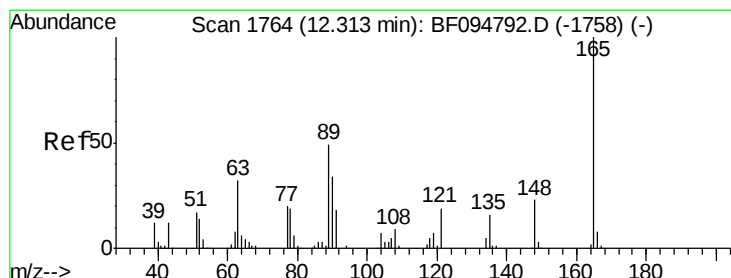
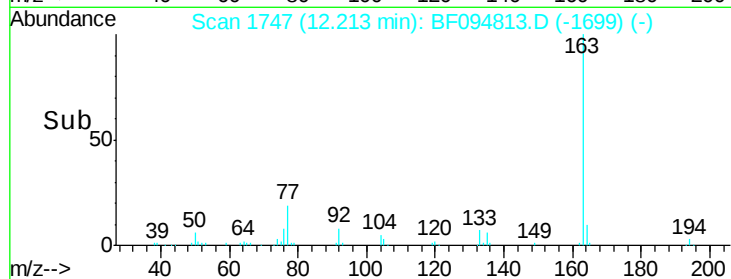
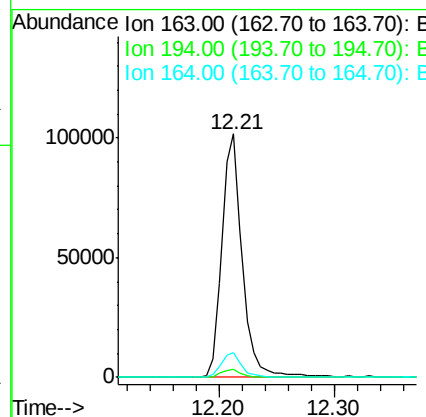
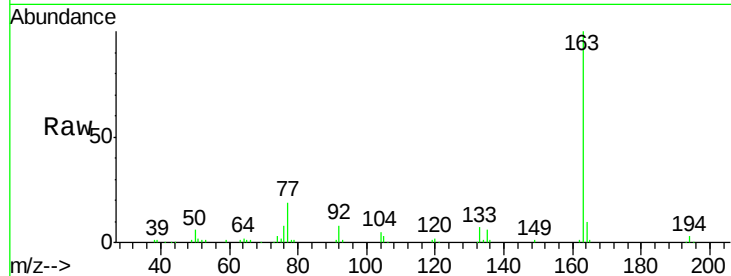
#49
Dimethylphthalate
Concen: 8.230 ng
RT: 12.21 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Instrument :
BNA_F
ClientSampleId :
220-1W-COMP-001

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.2	8.4	12.6

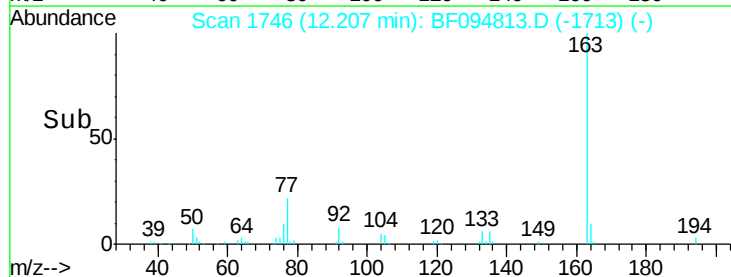
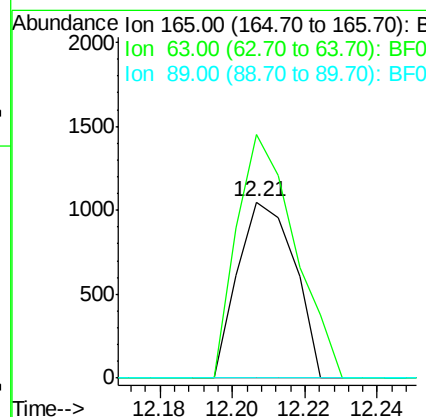
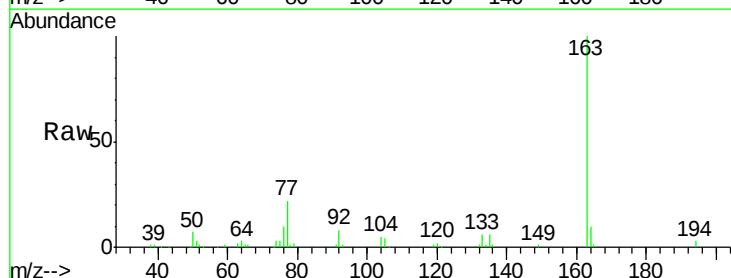
Manual Integrations
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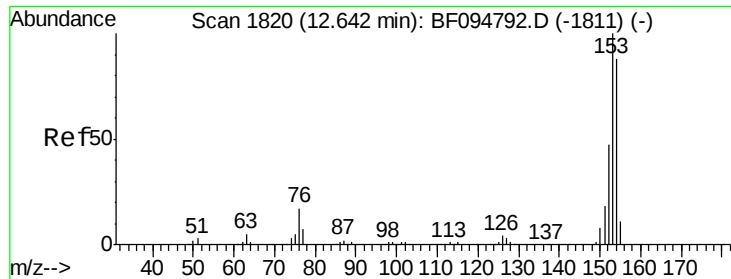
mohammad
5/4/2017 1:44:34 PM



#50
2,6-Dinitrotoluene
Concen: 0.370 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.11 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	138.3	34.3	51.5#
89	0.0	37.1	55.7#





#51

Acenaphthene

Concen: 0.045 ng

RT: 11.68 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BF094813.D

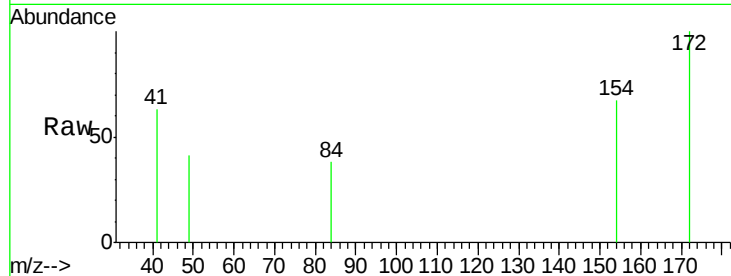
Acq: 3 May 2017 1:44

Instrument :

BNA_F

ClientSampleId :

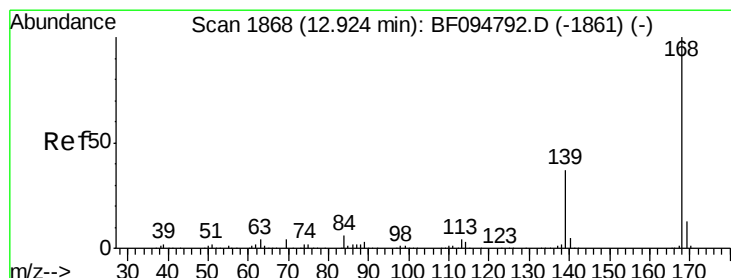
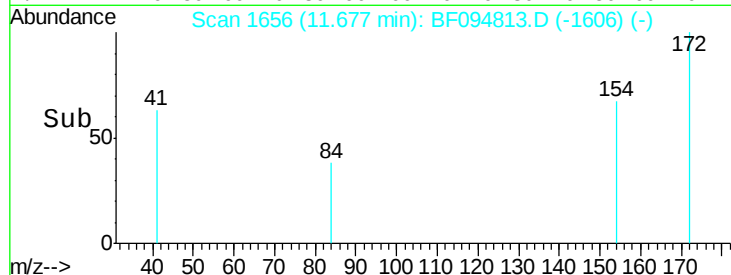
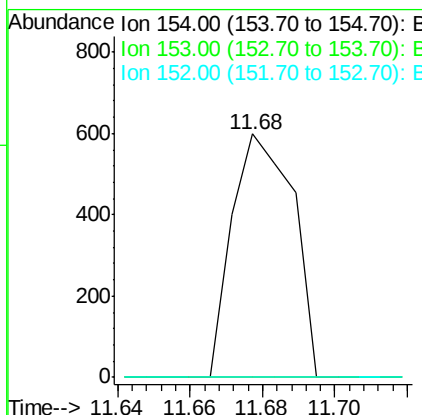
220-1W-COMP-001



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

Manual Integrations
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#54

Dibenzofuran

Concen: 0.203 ng

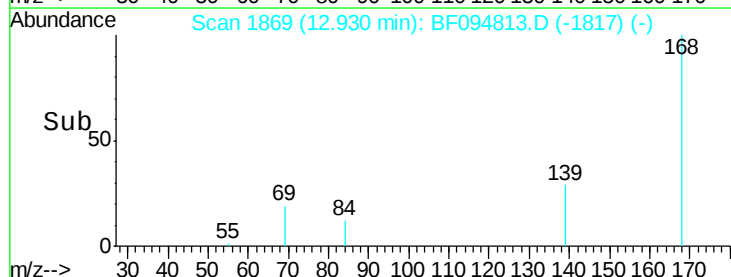
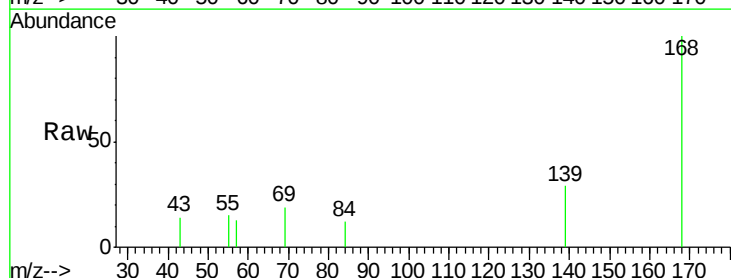
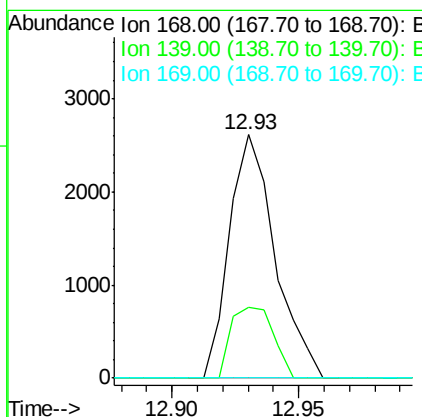
RT: 12.93 min Scan# 1869

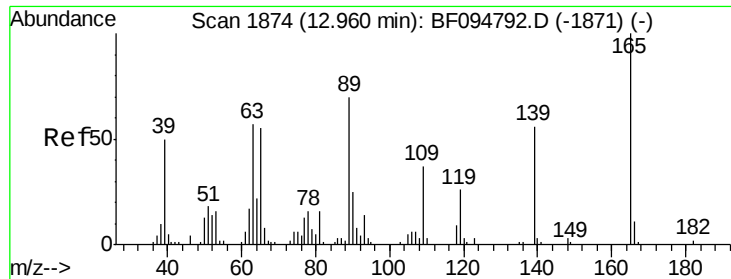
Delta R.T. 0.01 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	28.9	30.6	45.8#
169	0.0	10.8	16.2#





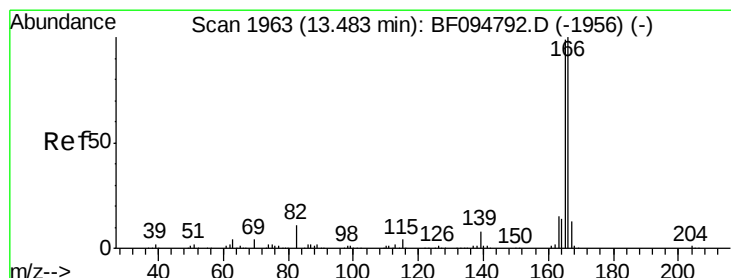
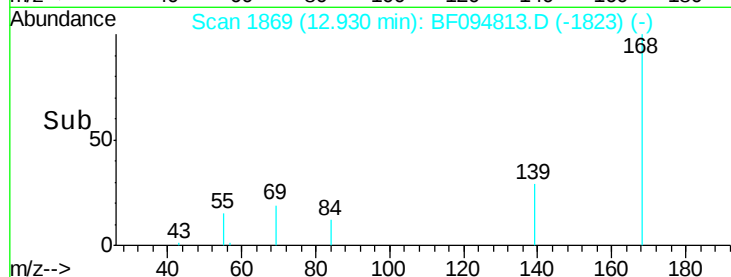
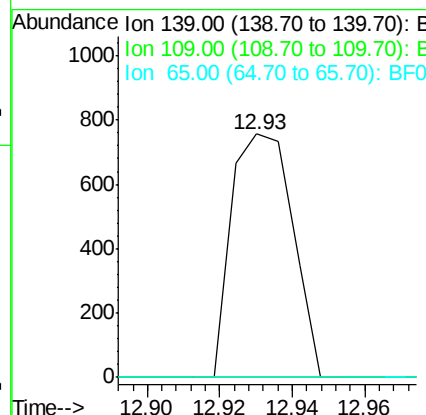
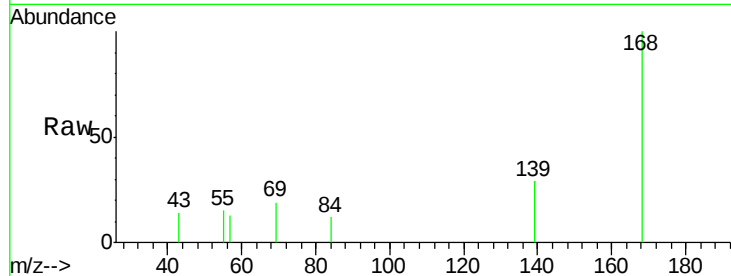
#55
4-Nitrophenol
Concen: 0.446 ng
RT: 12.93 min Scan# 1869
Delta R.T. -0.03 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Instrument :
BNA_F
ClientSampleId :
220-1W-COMP-001

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

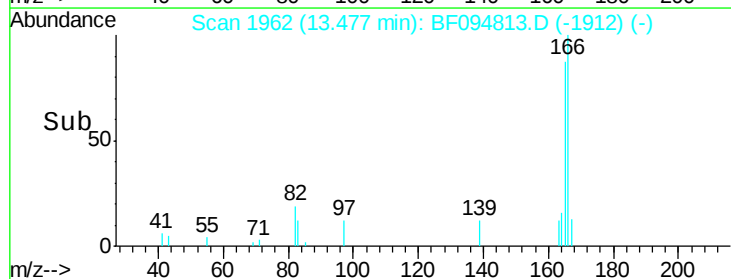
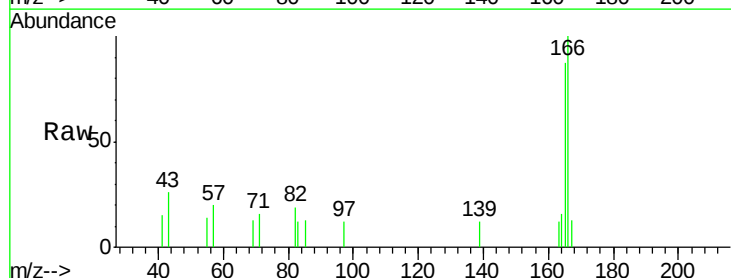
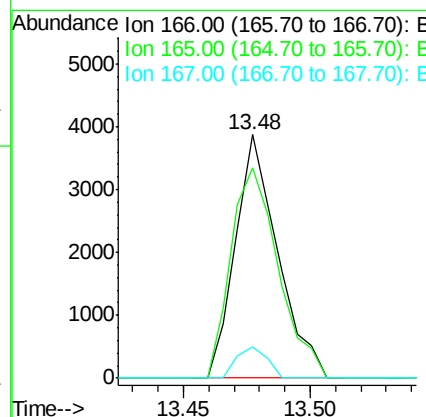
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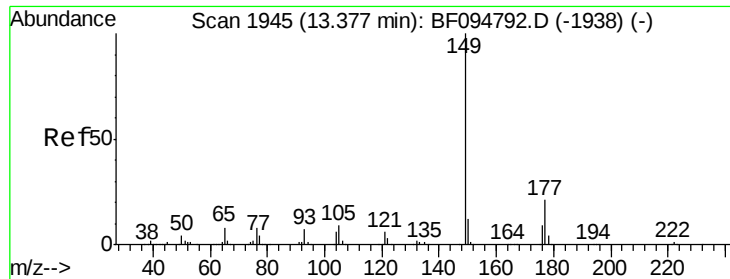
mohammad
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#57
Fluorene
Concen: 0.321 ng
RT: 13.48 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	86.6	78.8	118.2
167	12.7	10.6	16.0





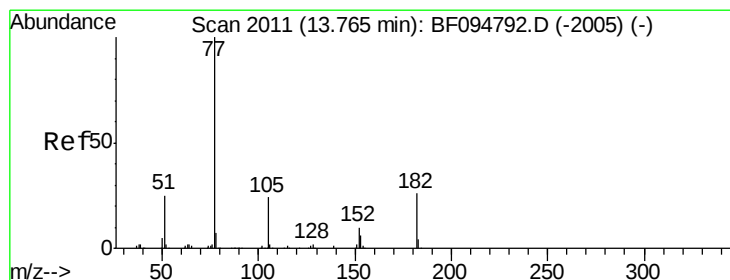
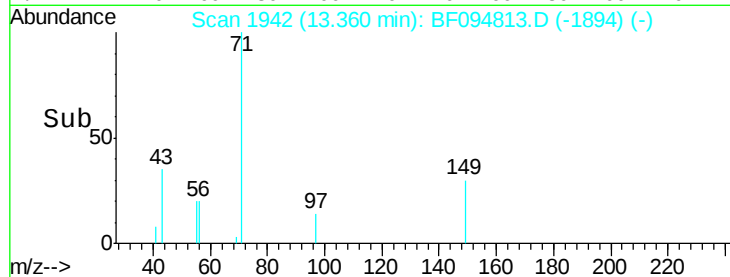
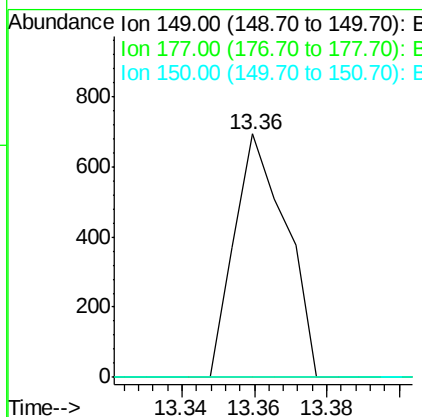
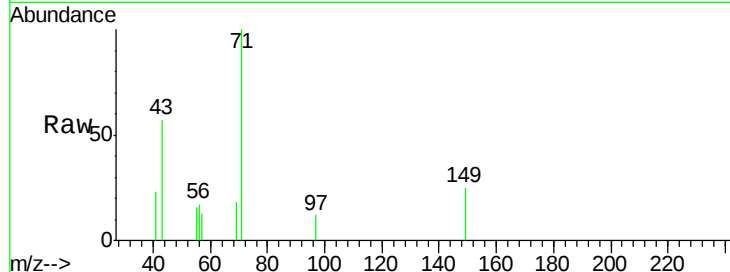
#59
Diethylphthalate
Concen: 0.048 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Instrument :
BNA_F
ClientSampleId :
220-1W-COMP-001

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

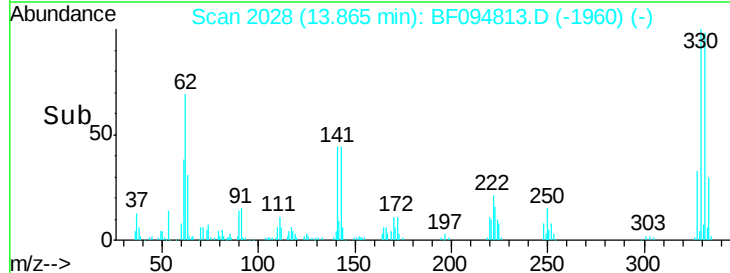
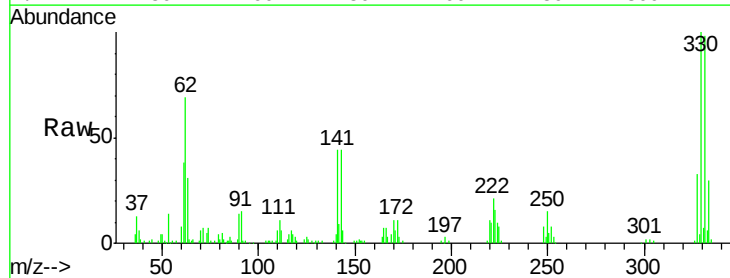
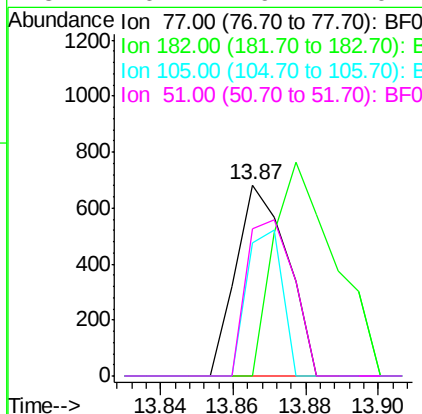
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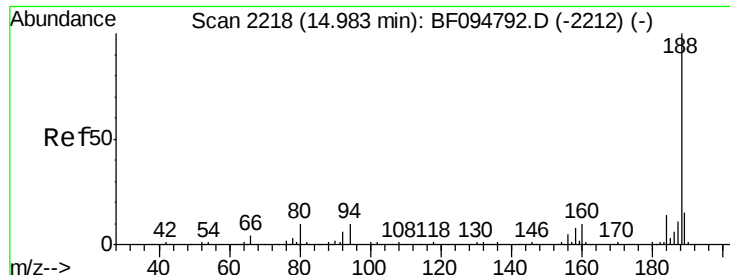
mohammad
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#62
Azobenzene
Concen: 0.058 ng
RT: 13.87 min Scan# 2028
Delta R.T. 0.10 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	69.4	3.6	43.6#
51	76.7	9.4	49.4#





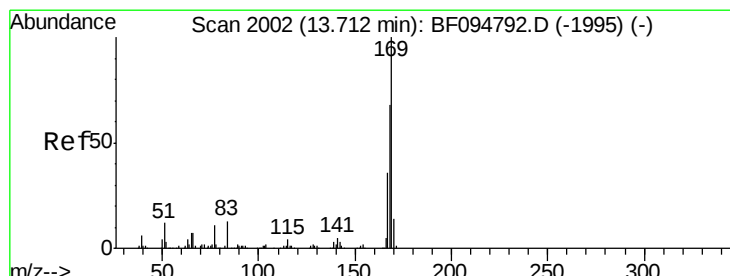
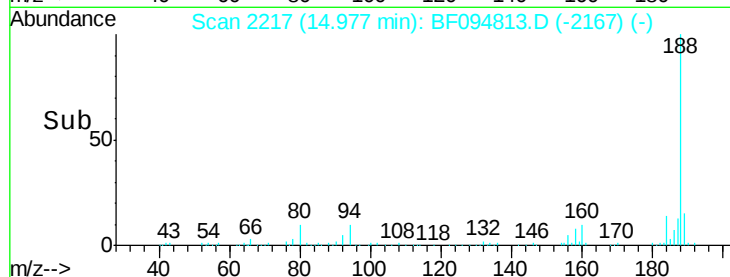
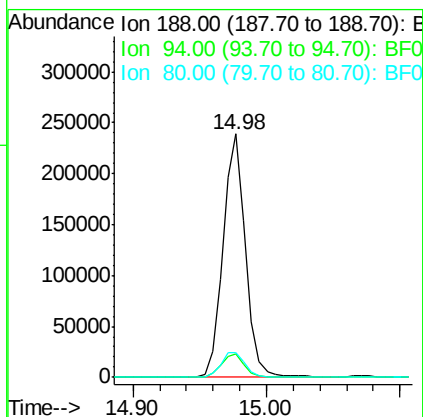
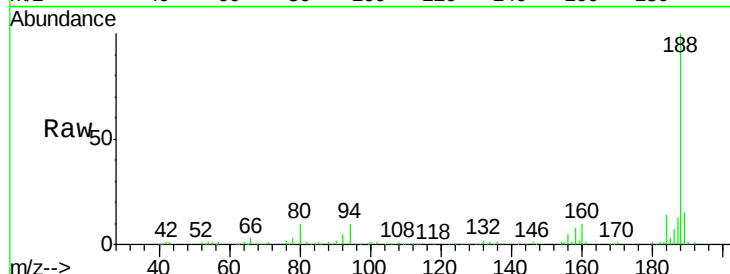
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Instrument :
BNA_F
ClientSampleId :
220-1W-COMP-001

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	9.4	14.2
80	10.0	10.2	15.2#

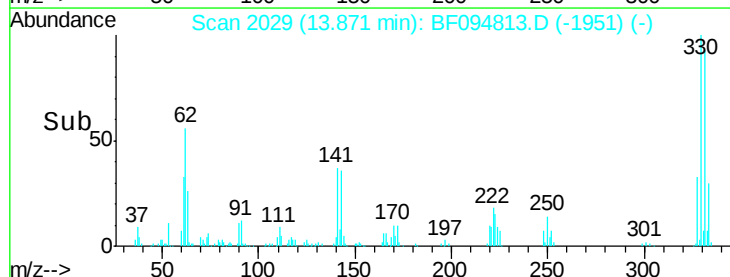
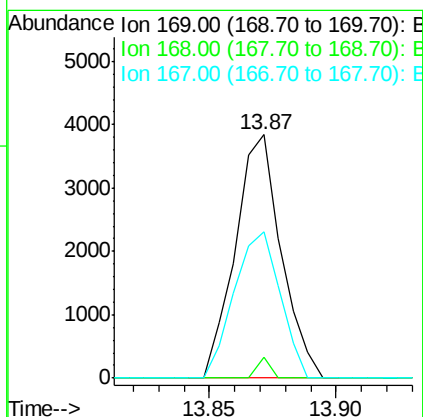
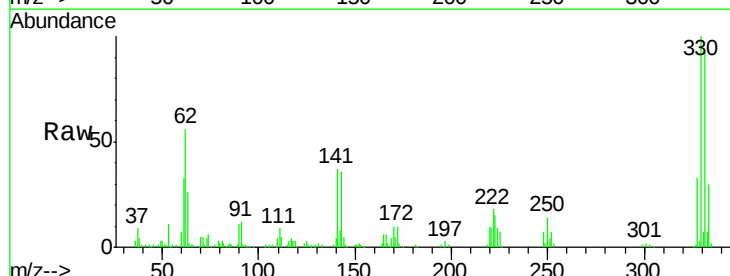
Manual Integrations
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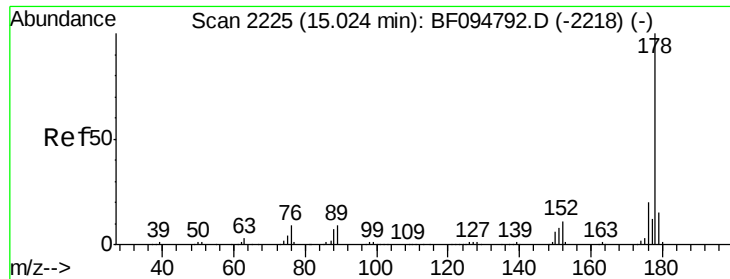
mohammad
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#65
n-Nitrosodiphenylamine
Concen: 0.471 ng
RT: 13.87 min Scan# 2029
Delta R.T. 0.16 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	8.6	53.2	79.8#
167	60.0	29.5	44.3#





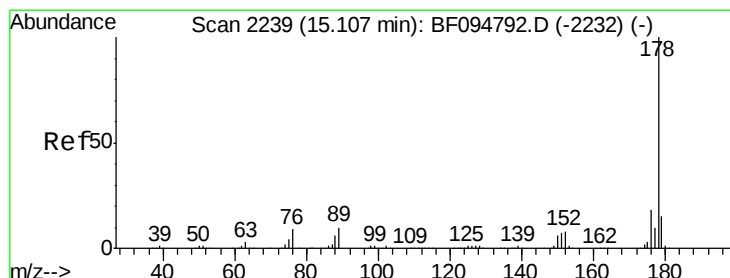
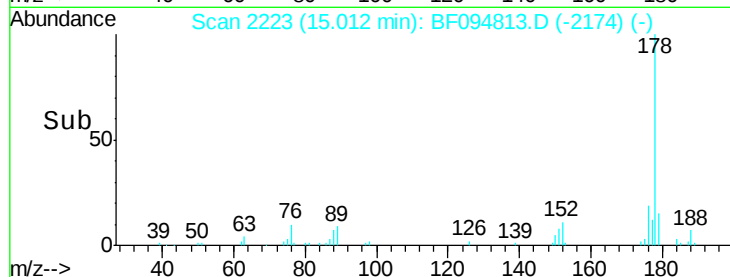
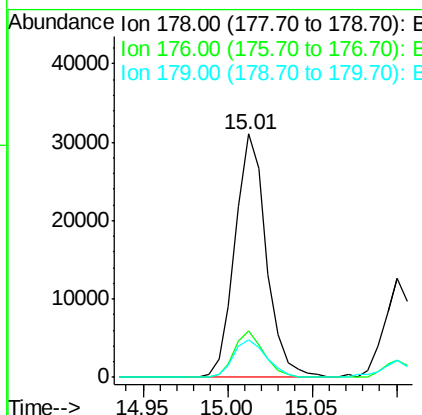
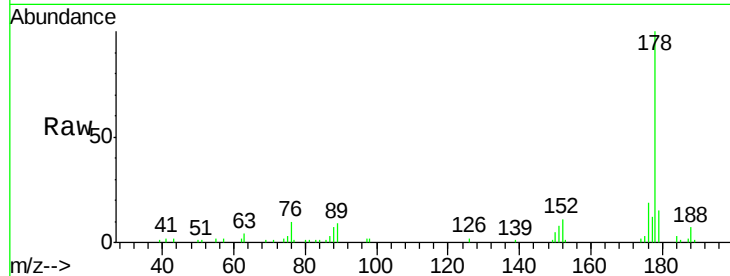
#70
Phenanthrene
Concen: 2.462 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Instrument :
BNA_F
ClientSampleId :
220-1W-COMP-001

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.4	12.6	19.0

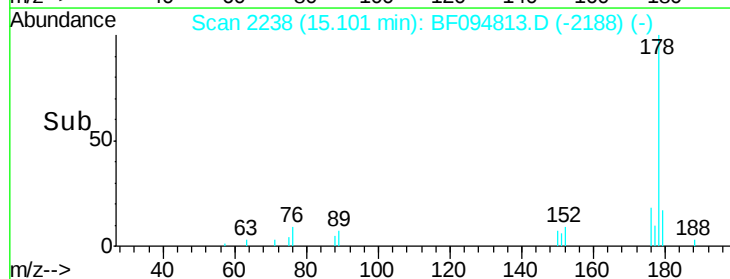
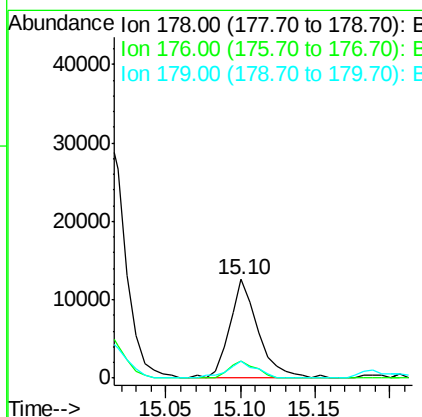
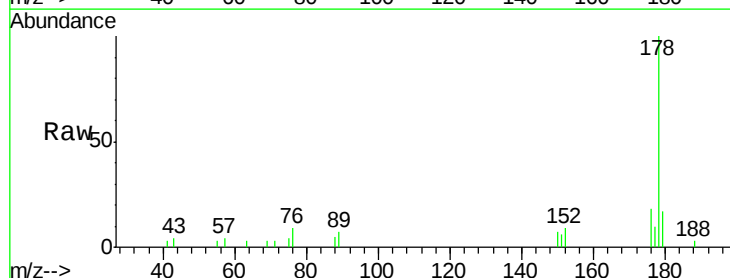
Manual Integrations
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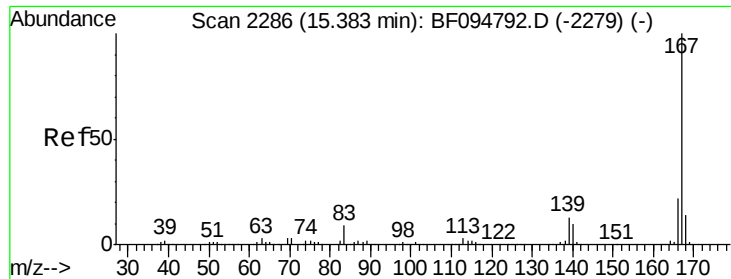
mohammad
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#71
Anthracene
Concen: 1.017 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.8
179	16.7	12.7	19.1





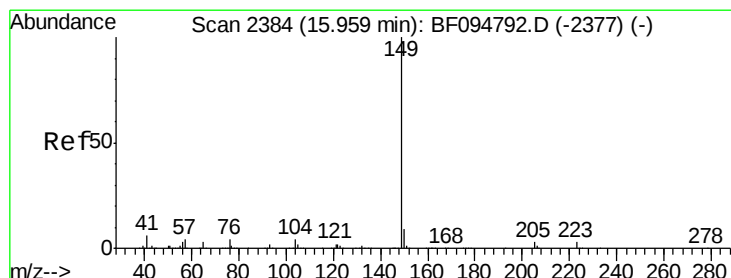
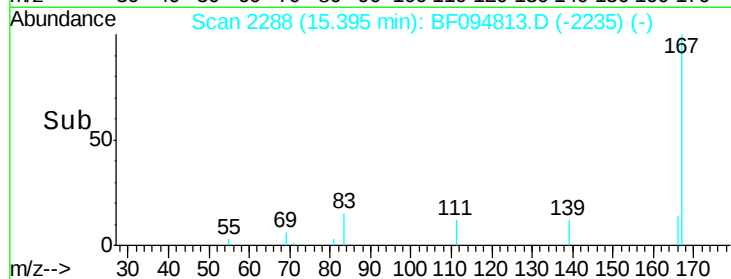
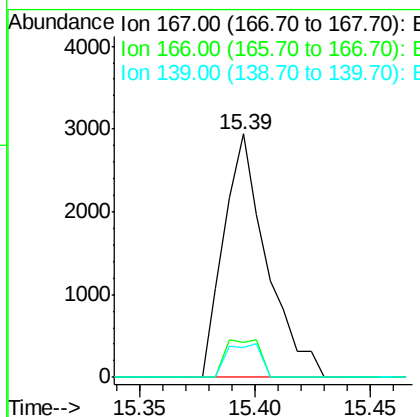
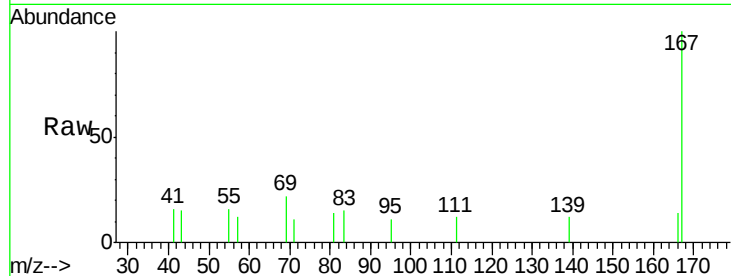
#72
 Carbazole
 Concen: 0.252 ng
 RT: 15.39 min Scan# 2288
 Delta R.T. 0.01 min
 Lab File: BF094813.D
 Acq: 3 May 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 220-1W-COMP-001

Tgt Ion	Ratio	Resp Lower	Resp Upper
167	100		
166	14.2	18.1	27.1#
139	12.3	11.7	17.5

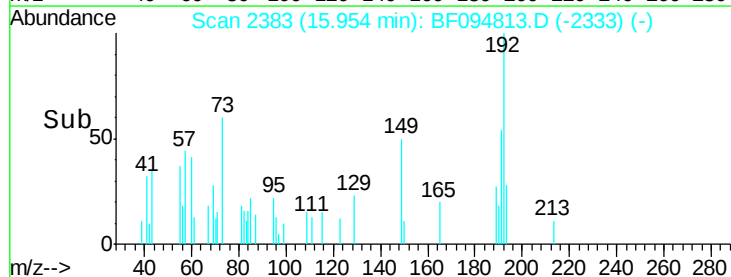
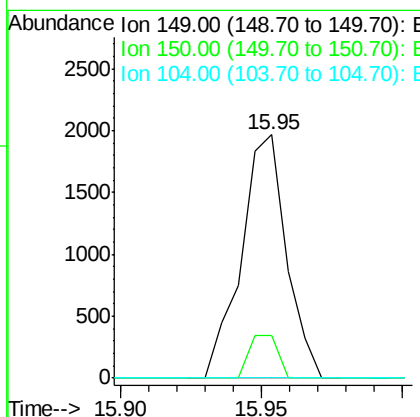
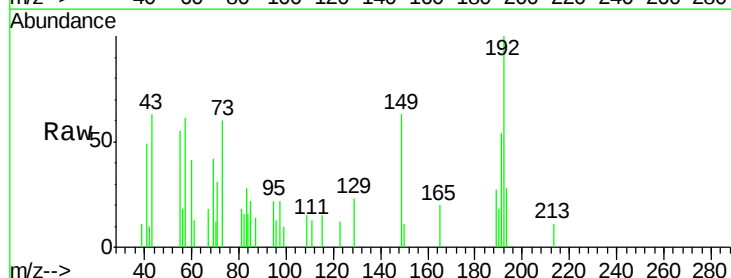
Manual Integrations
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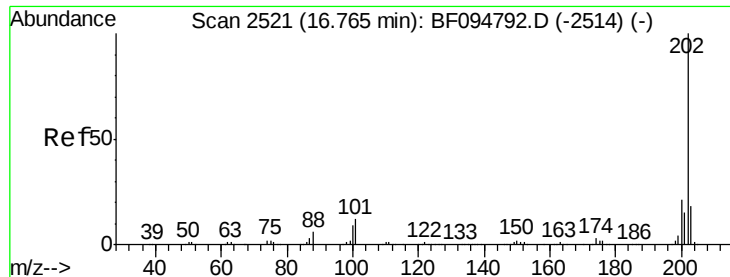
mohammad
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#73
 Di-n-butylphthalate
 Concen: 0.116 ng
 RT: 15.95 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BF094813.D
 Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	17.5	7.7	11.5#
104	0.0	4.0	6.0#





#74

Fluoranthene

Concen: 4.064 ng

RT: 16.75 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

Instrument :

BNA_F

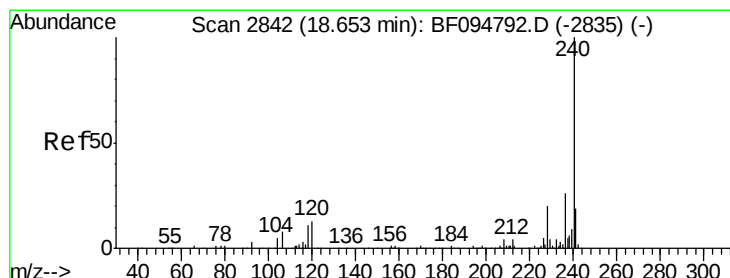
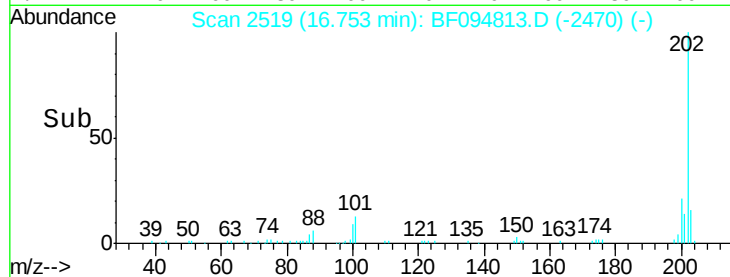
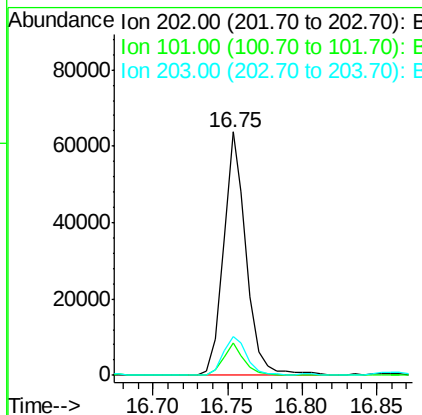
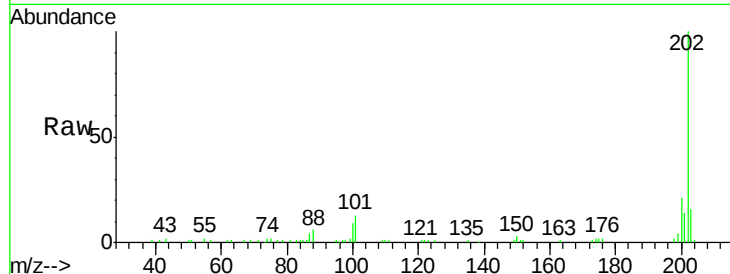
ClientSampleId :

220-1W-COMP-001

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		67805		
101	13.3	0.0	33.2		
203	16.2	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

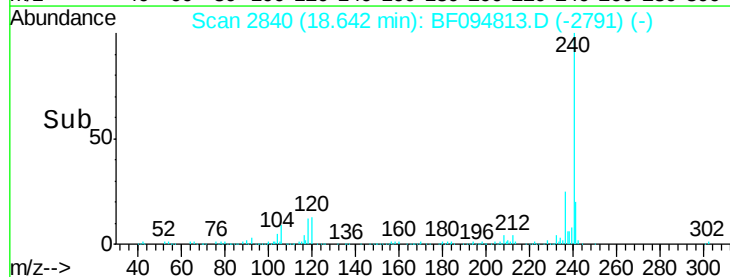
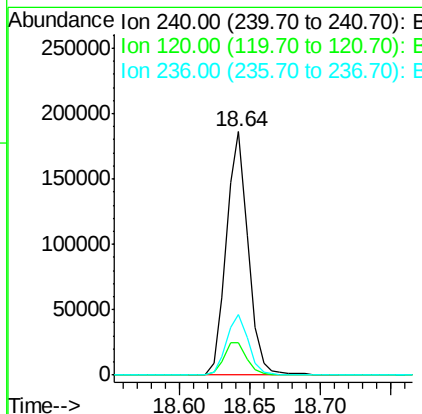
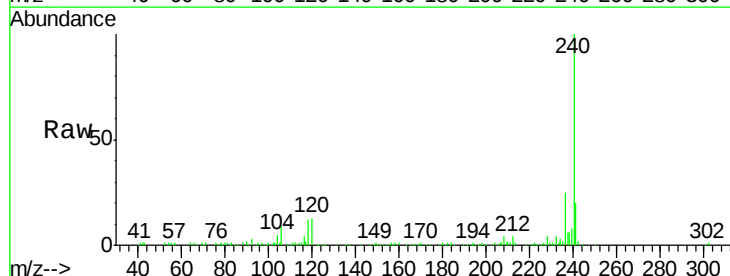
RT: 18.64 min Scan# 2840

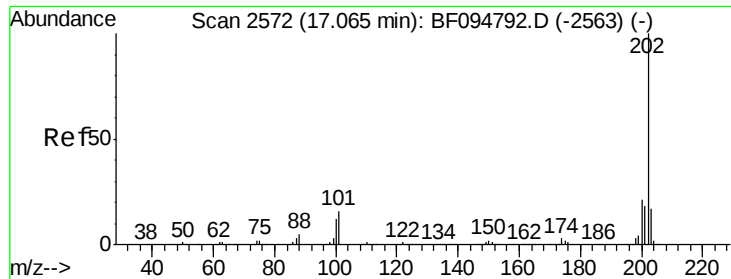
Delta R.T. -0.01 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		199668		
120	13.4	5.8	8.8#		
236	24.8	20.5	30.7		





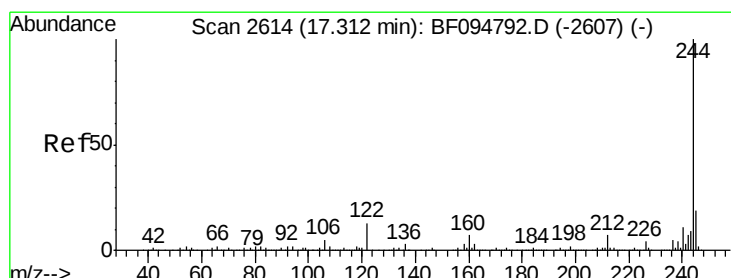
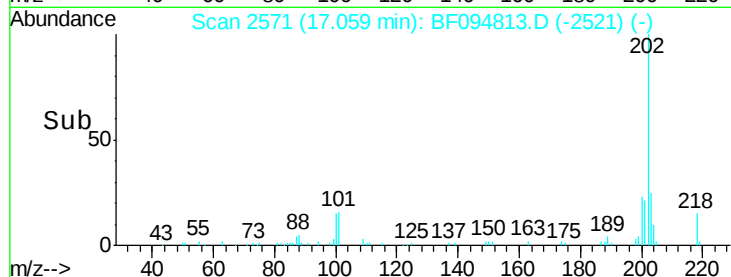
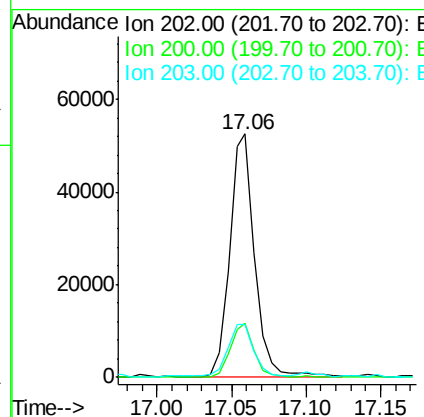
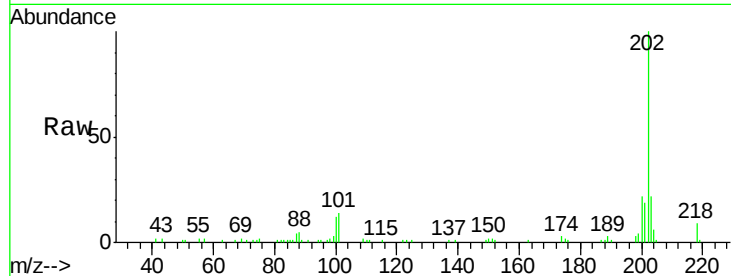
#77
 Pyrene
 Concen: 4.165 ng
 RT: 17.06 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BF094813.D
 Acq: 3 May 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 220-1W-COMP-001

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.3	17.6	26.4
203	21.9	14.4	21.6

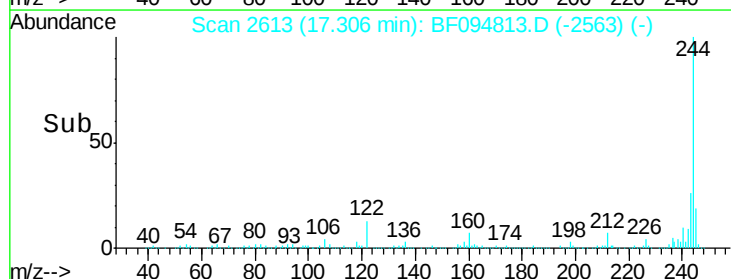
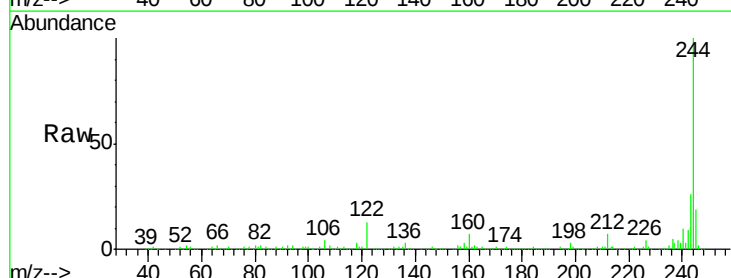
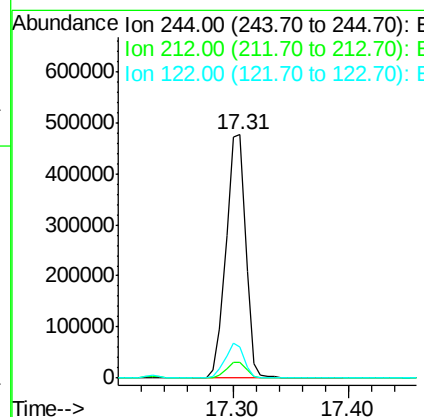
Manual Integrations
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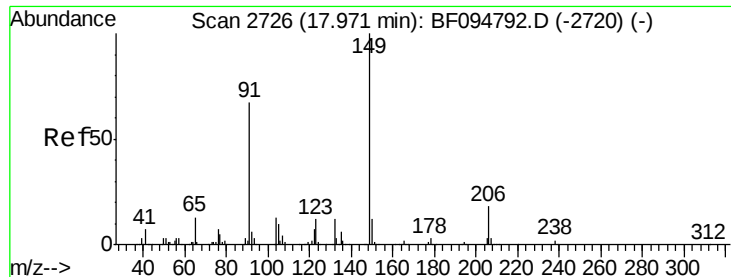
mohammad
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#78
 Terphenyl-d14
 Concen: 62.201 ng
 RT: 17.31 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BF094813.D
 Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	6.0	9.0
122	12.6	10.3	15.5





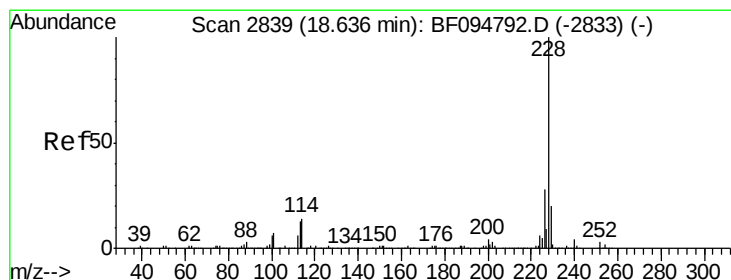
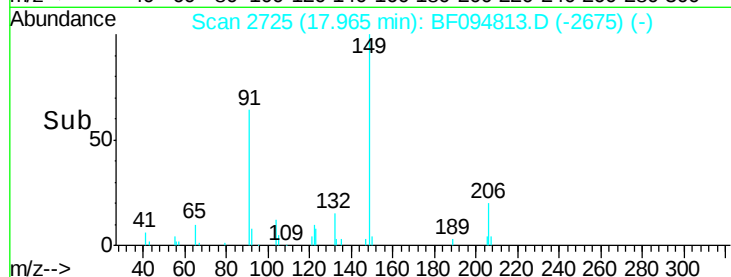
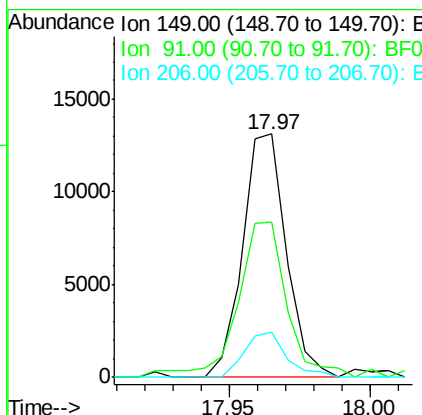
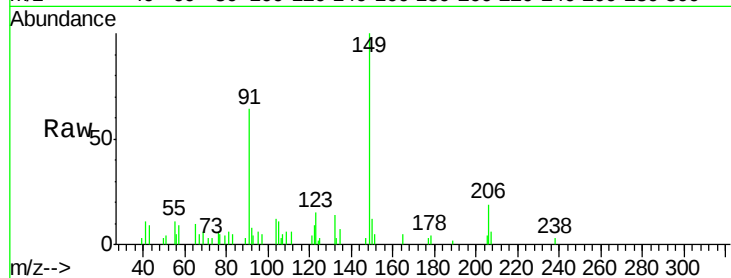
#79
Butylbenzylphthalate
Concen: 2.029 ng
RT: 17.97 min Scan# 2725
Delta R.T. -0.01 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Instrument :
BNA_F
ClientSampleId :
220-1W-COMP-001

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	14092		
91	64.0	45.0	67.4	
206	18.8	17.0	25.6	

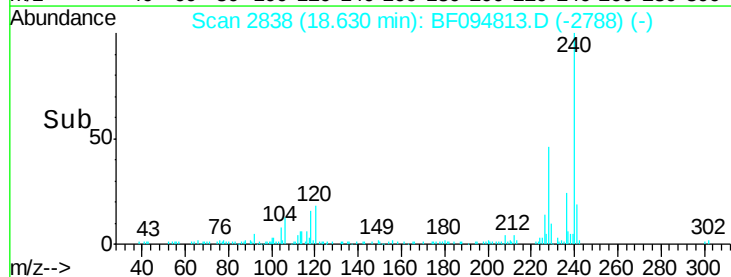
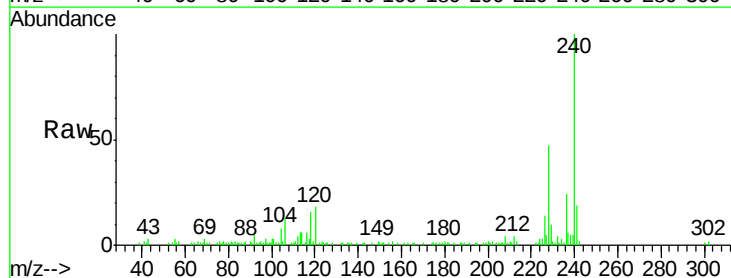
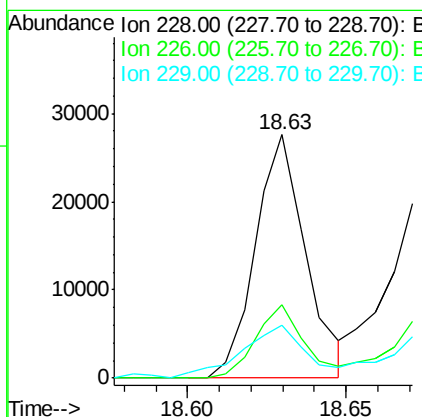
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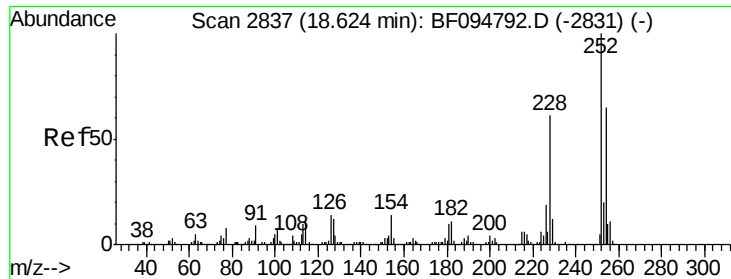
mohammad
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#80
Benzo(a)anthracene
Concen: 2.626 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	30519		
226	30.3	22.6	33.8	
229	21.6	16.3	24.5	





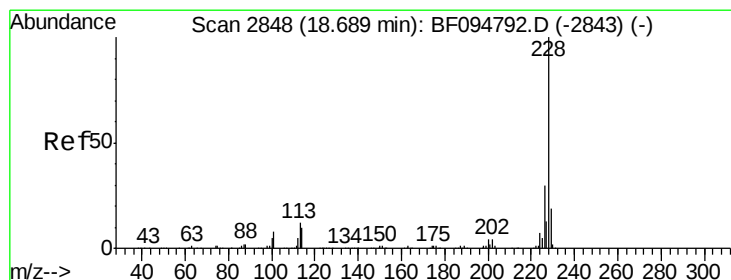
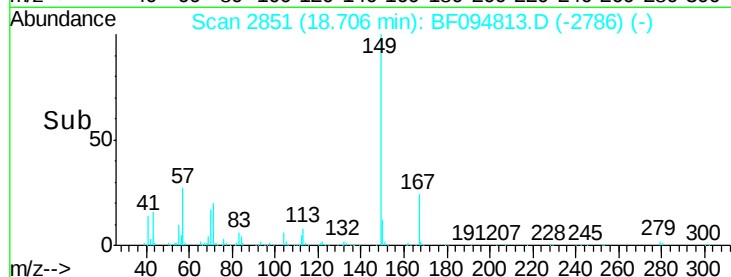
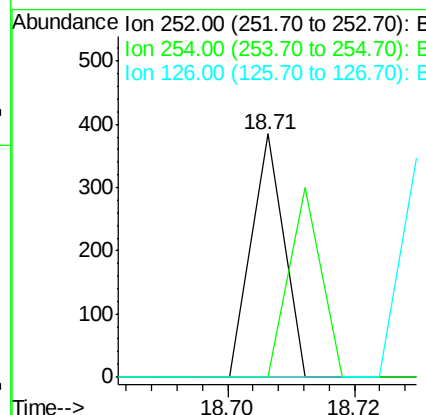
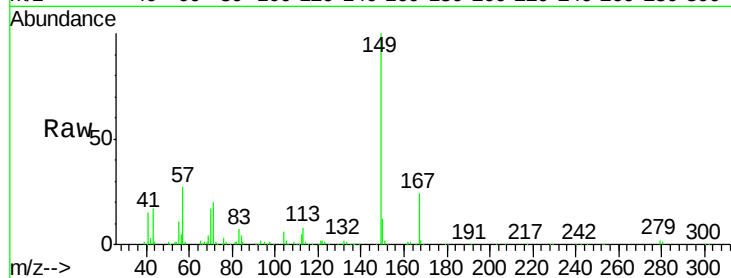
#81
 3,3'-Dichlorobenzidine
 Concen: 0.034 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. 0.08 min
 Lab File: BF094813.D
 Acq: 3 May 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 220-1W-COMP-001

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

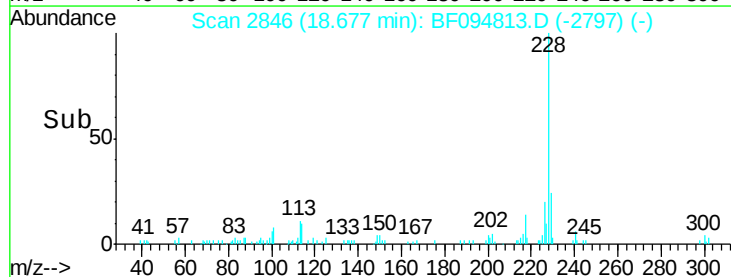
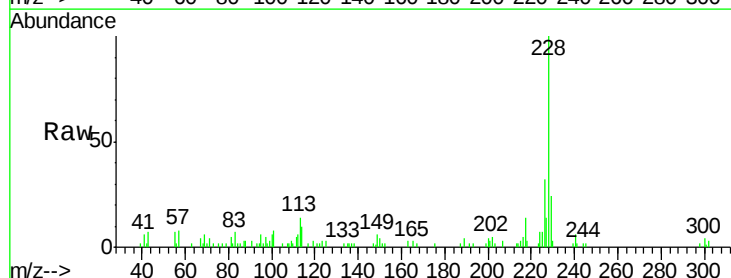
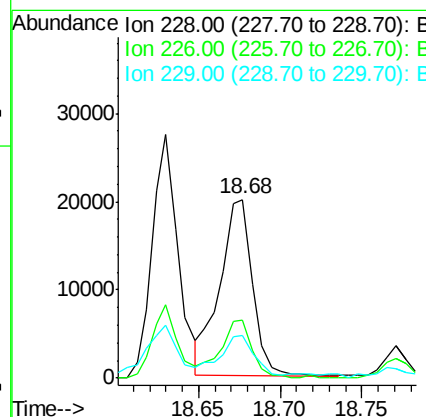
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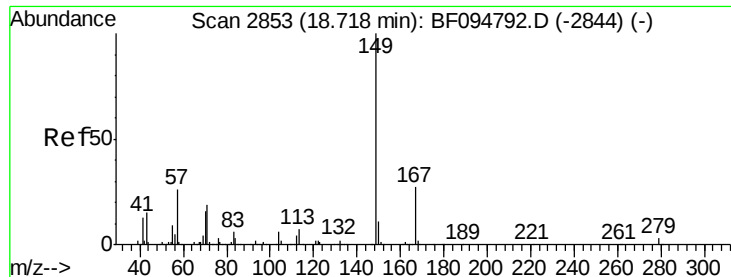
mohammad
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#82
 Chrysene
 Concen: 2.523 ng m
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094813.D
 Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	24.0	15.8	23.6#





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.343 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

Instrument :

BNA_F

ClientSampleId :

220-1W-COMP-001

Tgt Ion:149 Resp: 270598
Ion Ratio Lower Upper

149 100

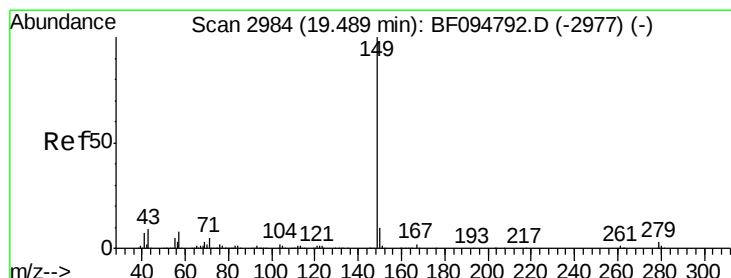
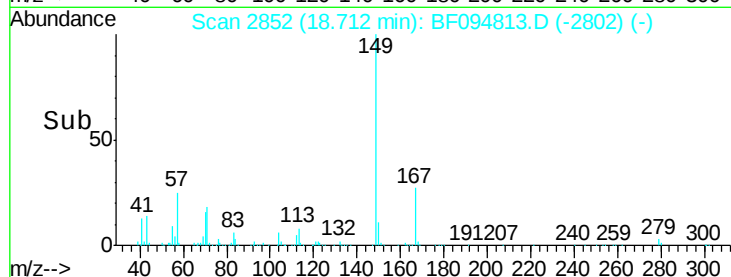
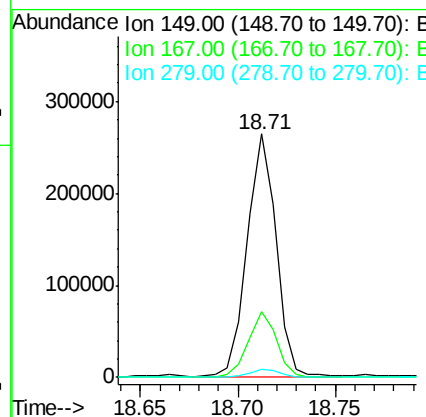
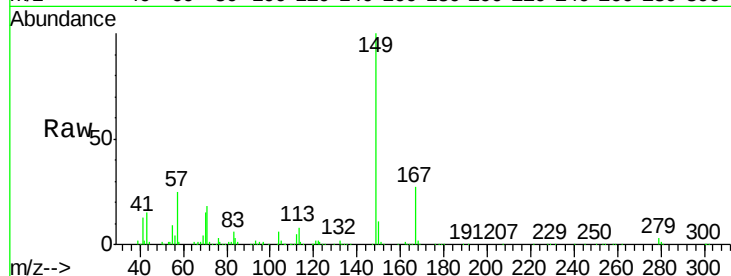
167 27.1 21.0 31.4

279 3.2 1.9 2.9#

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#84

Di-n-octyl phthalate

Concen: 0.167 ng

RT: 19.48 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BF094813.D

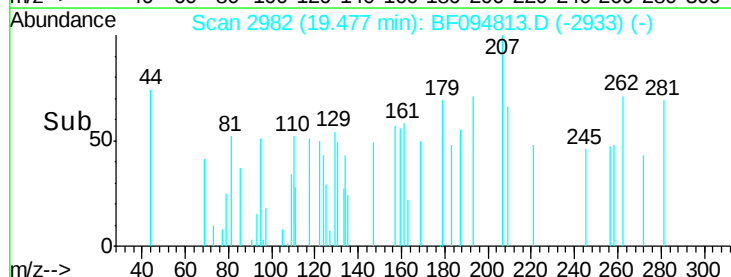
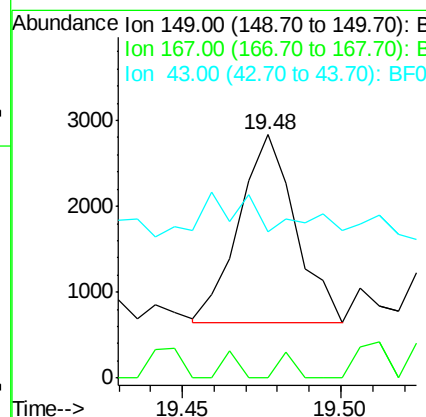
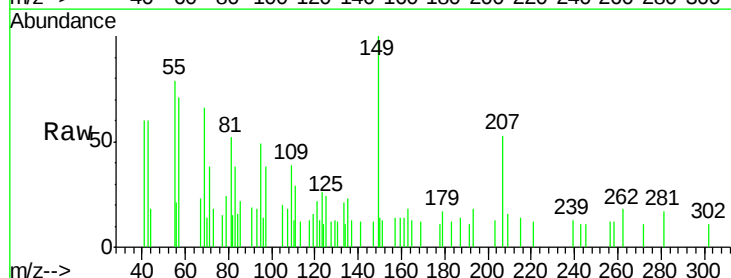
Acq: 3 May 2017 1:44

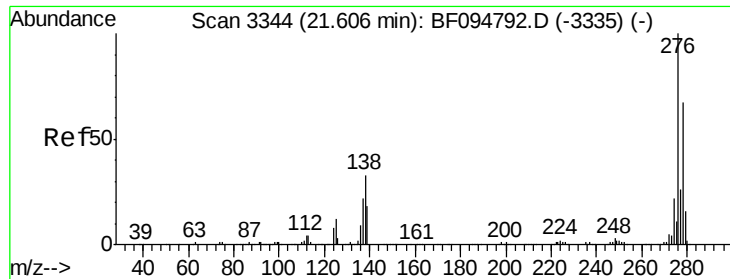
Tgt Ion:149 Resp: 2716
Ion Ratio Lower Upper

149 100

167 4.0 1.2 1.8#

43 0.0 8.5 12.7#





#85

Indeno(1,2,3-cd)pyrene

Concen: 1.868 ng

RT: 21.60 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BF094813.D

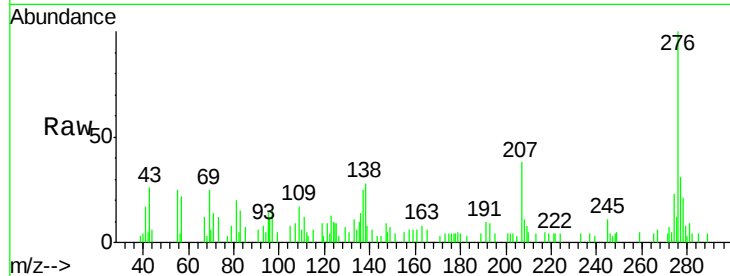
Acq: 3 May 2017 1:44

Instrument :

BNA_F

ClientSampleId :

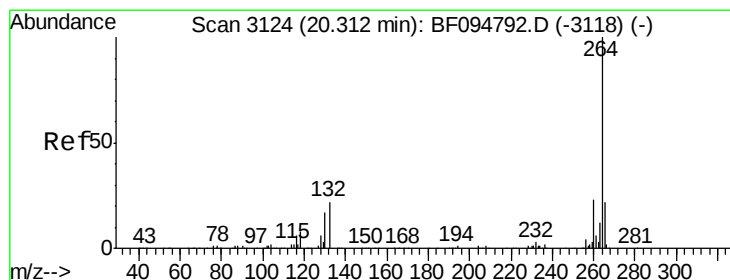
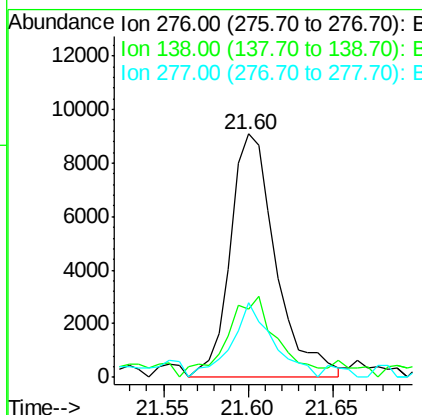
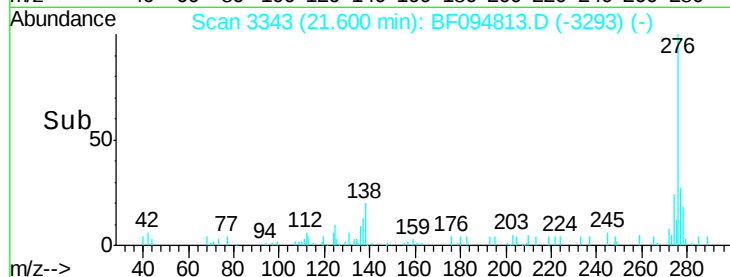
220-1W-COMP-001



Tgt Ion:	276	Resp:	17044
Ion Ratio	Lower	Upper	
276	100		
138	36.5	27.8	41.6
277	28.0	20.2	30.4

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#86

Perylene-d12

Concen: 20.000 ng

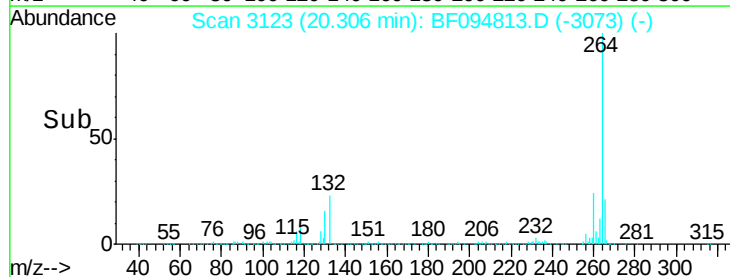
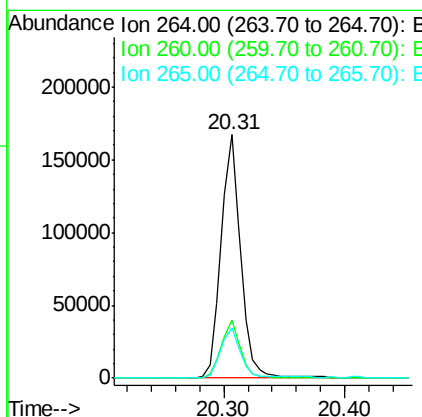
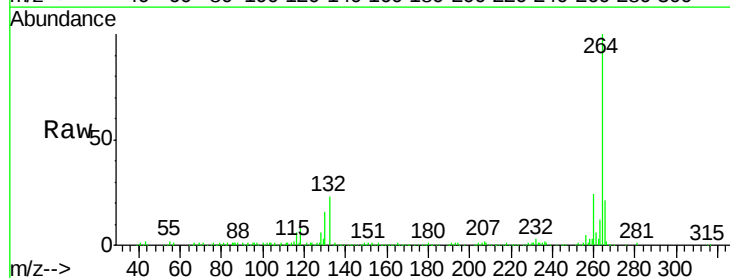
RT: 20.31 min Scan# 3123

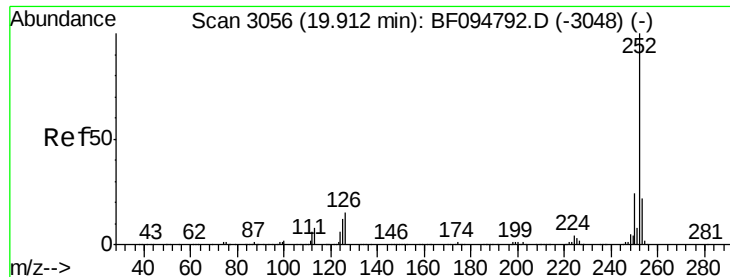
Delta R.T. -0.01 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

Tgt Ion:	264	Resp:	187912
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.113 ng m

RT: 19.91 min Scan# 3055

Delta R.T. -0.01 min

Lab File: BF094813.D

Acq: 3 May 2017 1:44

Instrument :

BNA_F

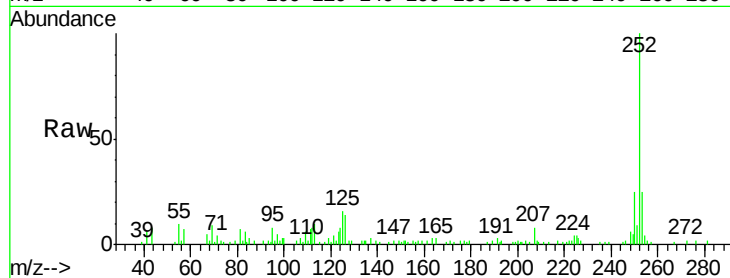
ClientSampleId :

220-1W-COMP-001

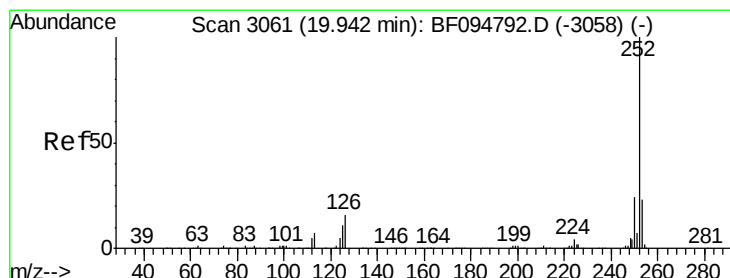
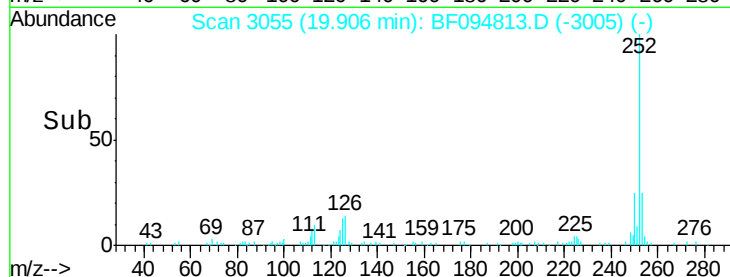
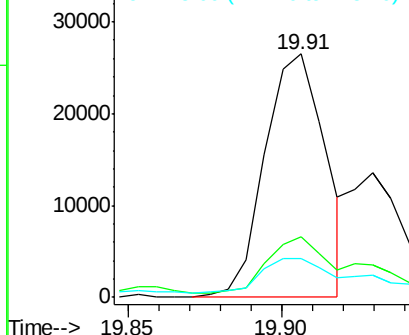
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	16.2	9.8	14.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 1.380 ng m

RT: 19.93 min Scan# 3059

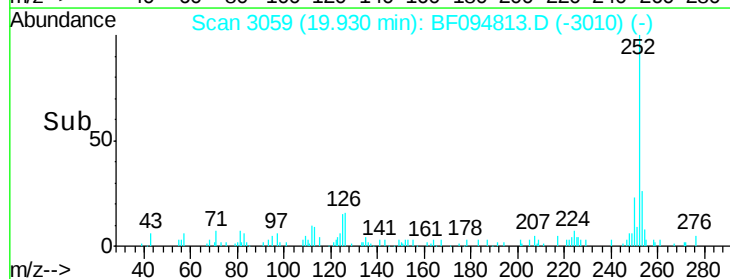
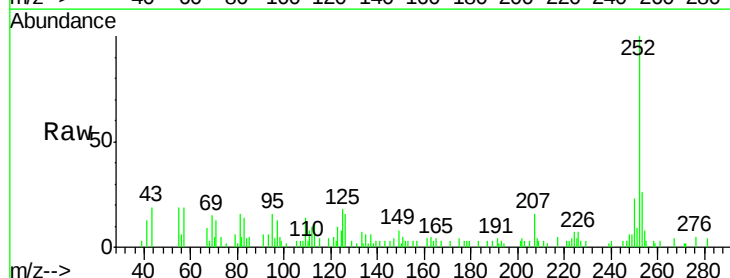
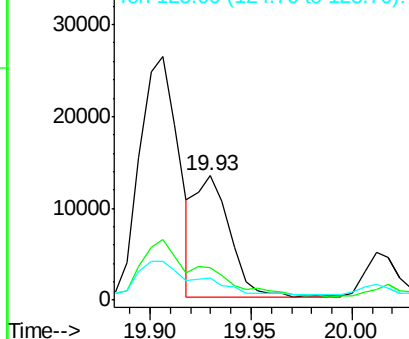
Delta R.T. -0.01 min

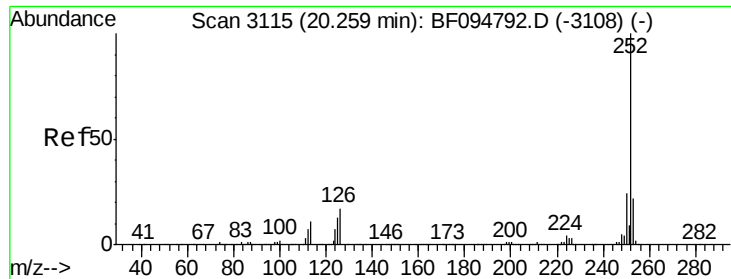
Lab File: BF094813.D

Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.4	27.6
125	17.8	13.1	19.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





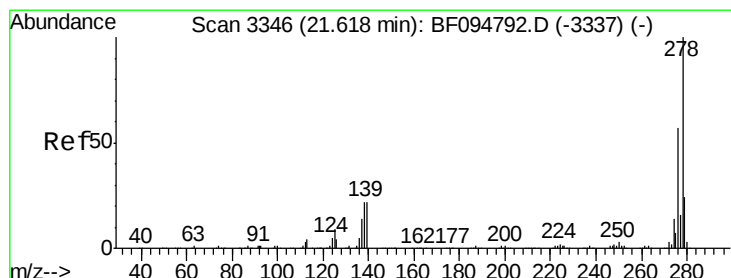
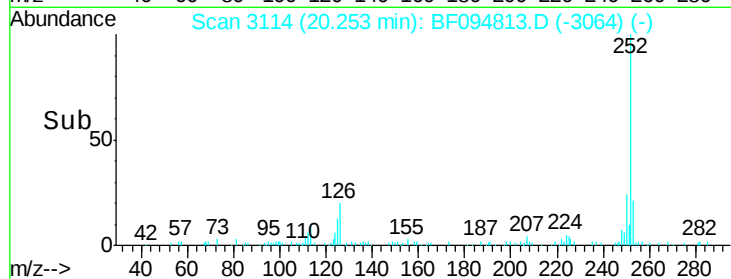
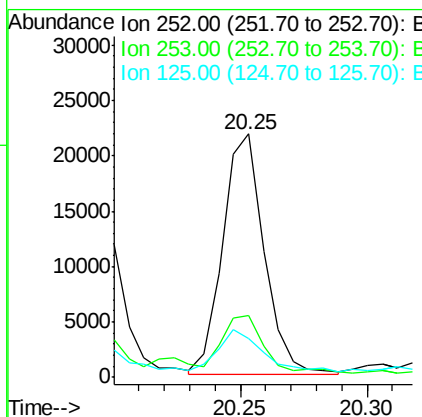
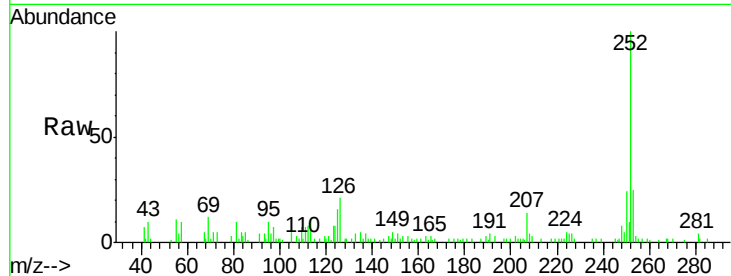
#89
Benzo(a)pyrene
Concen: 2.314 ng
RT: 20.25 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Instrument :
BNA_F
ClientSampleId :
220-1W-COMP-001

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.5	26.3
125	15.9	11.0	16.4

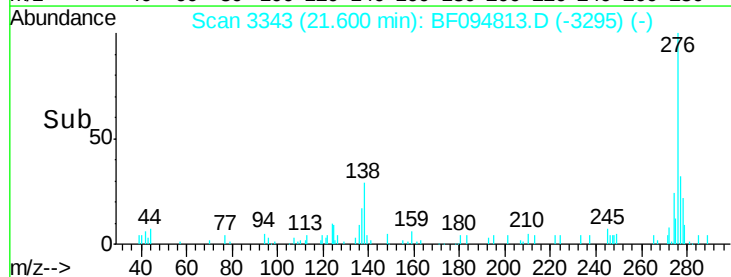
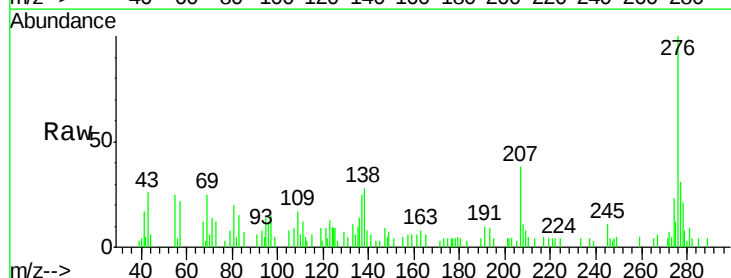
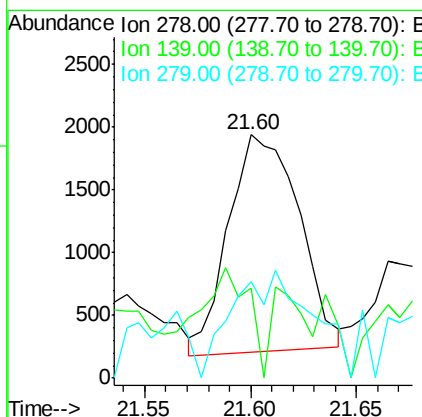
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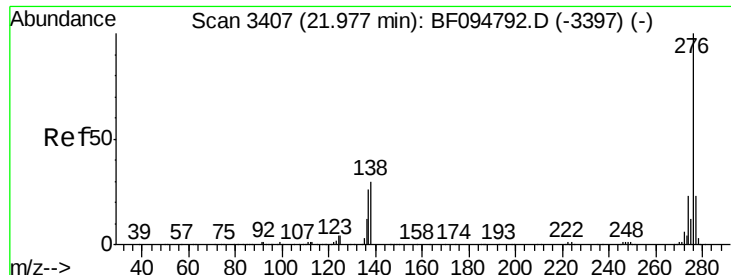
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#90
Dibenzo(a,h)anthracene
Concen: 0.455 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094813.D
Acq: 3 May 2017 1:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.1	16.6	24.8#
279	39.7	19.3	28.9#





#91
 Benzo(g,h,i)perylene
 Concen: 1.837 ng
 RT: 21.98 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: BF094813.D
 Acq: 3 May 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 220-1W-COMP-001

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	25.7	18.6	28.0
138	28.6	25.4	38.0

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