

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094836.D
 Acq On : 3 May 2017 15:17
 Operator : SJ/MA
 Sample : I2921-04 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-BASE

Manual Integrations
 APPROVED

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 5/4/2017 1:45:59 PM

Quant Time: May 04 11:21:48 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	85049	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	330830	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	145734	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	227363	20.00	ng	0.00
75) Chrysene-d12	18.65	240	200440	20.00	ng	0.00
86) Perylene-d12	20.31	264	159474	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	53150	10.42	ng	0.00
7) Phenol-d6	7.28	99	63760	10.42	ng	0.00
23) Nitrobenzene-d5	8.62	82	37613	7.17	ng	-0.02
41) 2,4,6-Tribromophenol	13.88	330	10946	9.17	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	71475	7.06	ng	-0.01
78) Terphenyl-d14	17.30	244	48815	5.36	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	256	0.102	ng	# 21
10) Phenol	7.31	94	1699	0.263	ng	# 33
15) Benzyl Alcohol	7.97	79	674	0.171	ng	# 38
17) 2-Methylphenol	8.27	107	1016	0.214	ng	# 59
18) Hexachloroethane	8.62	117	273	0.121	ng	# 1
19) n-Nitroso-di-n-propylamine	8.41	70	247	0.060	ng	# 35
20) 3+4-Methylphenols	8.55	107	3261	0.505	ng	# 38
24) Nitrobenzene	8.61	77	216	0.039	ng	# 39
25) Isophorone	9.02	82	107	0.011	ng	# 67
27) 2,4-Dimethylphenol	9.37	122	2851	0.594	ng	# 83
31) Naphthalene	9.78	128	60165	3.618	ng	# 98
33) 4-Chloroaniline	9.78	127	7929	1.280	ng	# 31
35) Caprolactam	10.55	113	395	0.290	ng	# 1
36) 4-Chloro-3-methylphenol	10.78	107	113	0.023	ng	# 14
37) 2-Methylnaphthalene	10.91	142	22592	2.070	ng	# 95
45) 1,1'-Biphenyl	11.68	154	9280	0.756	ng	# 95
47) 2-Nitroaniline	11.93	65	117	0.043	ng	# 7
48) Acenaphthylene	12.35	152	21575	1.390	ng	# 99
49) Dimethylphthalate	12.21	163	9274	0.775	ng	# 91
51) Acenaphthene	12.62	154	77885m	6.348	ng	#
54) Dibenzofuran	12.92	168	87205	6.799	ng	# 96
56) 2,4-Dinitrotoluene	12.92	165	805	0.257	ng	# 1
57) Fluorene	13.47	166	129033	11.569	ng	# 100
59) Diethylphthalate	13.36	149	935	0.082	ng	# 60
61) 4-Nitroaniline	13.47	138	1713	0.712	ng	# 25
62) Azobenzene	13.74	77	1784	0.194	ng	# 1
65) n-Nitrosodiphenylamine	13.69	169	2729	0.331	ng	# 1
70) Phenanthrene	15.02	178	1271104	97.301	ng	# 99
71) Anthracene	15.09	178	392172	29.389	ng	# 98
72) Carbazole	15.38	167	133664	11.009	ng	# 96
73) Di-n-butylphthalate	15.94	149	1608	0.106	ng	# 1
74) Fluoranthene	16.77	202	1250477	93.315	ng	# 99
77) Pyrene	17.07	202	1078645	71.954	ng	# 97
79) Butylbenzylphthalate	17.95	149	129	0.019	ng	# 32

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	18.64	228	442868	37.964	ng	99
81) 3,3'-Dichlorobenzidine	18.71	252	3543	0.879	ng #	18
82) Chrysene	18.68	228	378786	33.581	ng	97
83) Bis(2-ethylhexyl)phthalate	18.71	149	1240	0.125	ng #	87
84) Di-n-octyl phthalate	19.48	149	145	0.009	ng #	1
85) Indeno(1,2,3-cd)pyrene	21.59	276	139816	15.264	ng	95
87) Benzo(b)fluoranthene	19.91	252	418762m	42.496	ng	
88) Benzo(k)fluoranthene	19.93	252	112701m	11.857	ng	
89) Benzo(a)pyrene	20.25	252	307054	33.768	ng	98
90) Dibenzo(a,h)anthracene	21.60	278	31097m	4.141	ng	
91) Benzo(g,h,i)perylene	21.97	276	137865	18.708	ng	95

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

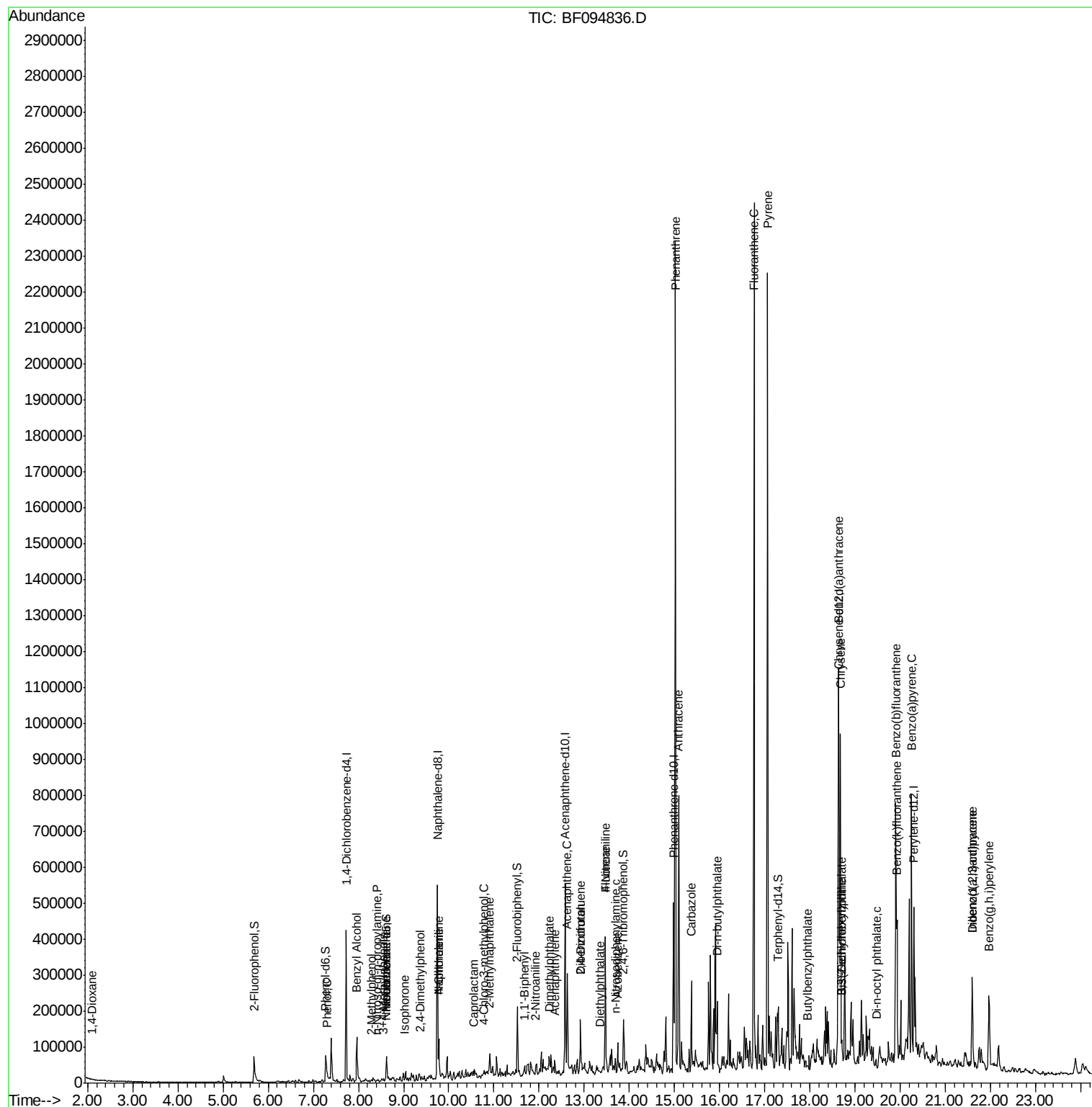
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
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Operator : SJ/MA
Sample : I2921-04 10X
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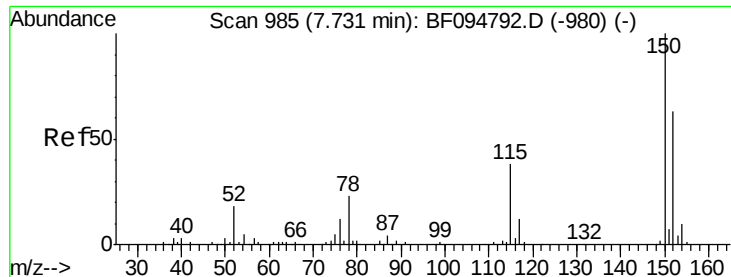
Instrument :
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#1

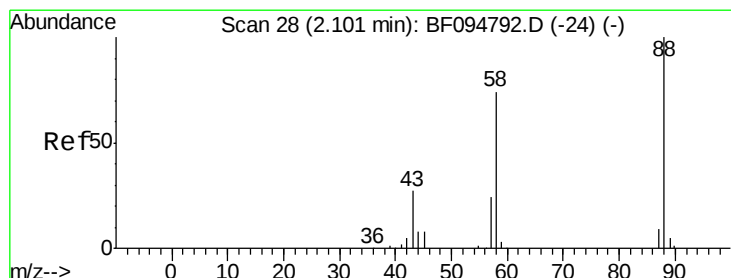
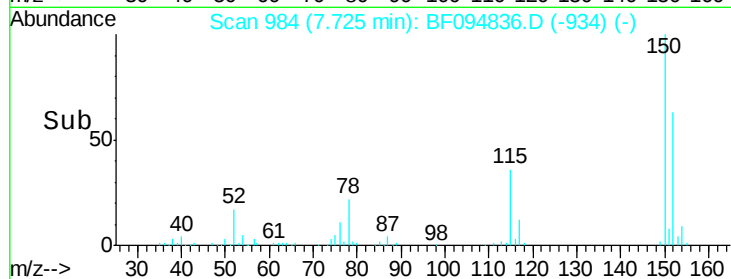
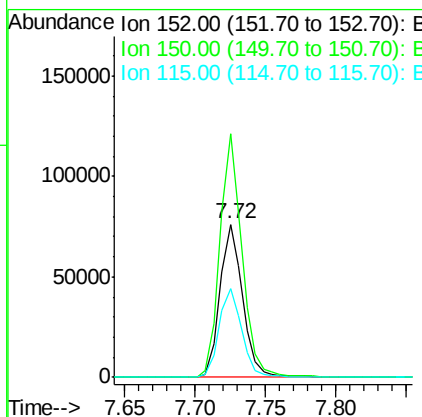
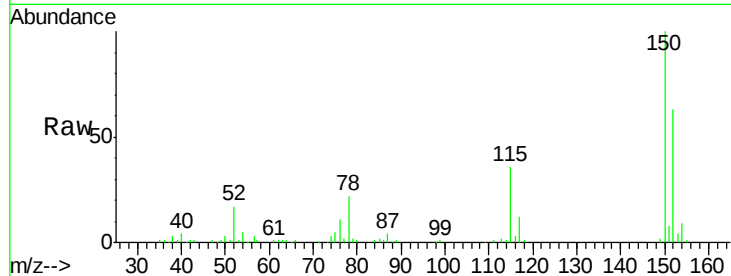
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
E2-V9-BASE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	58.1	52.2	78.2

Manual Integrations
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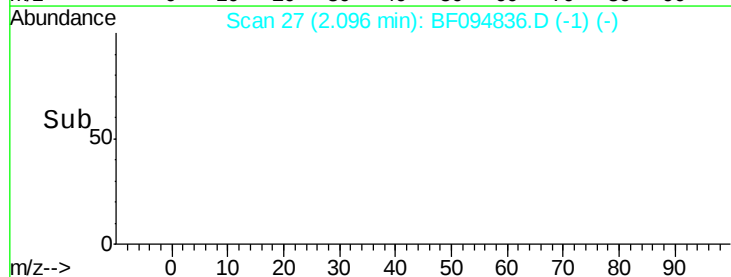
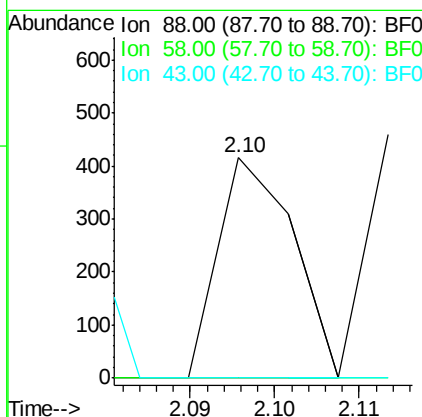
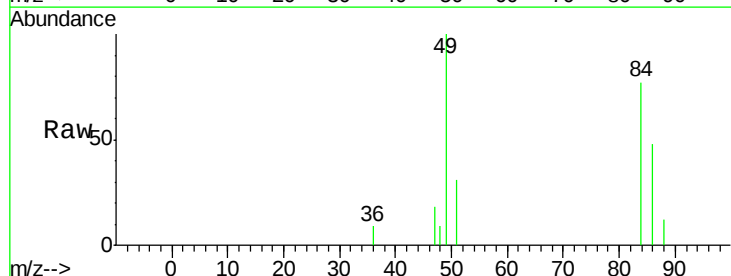
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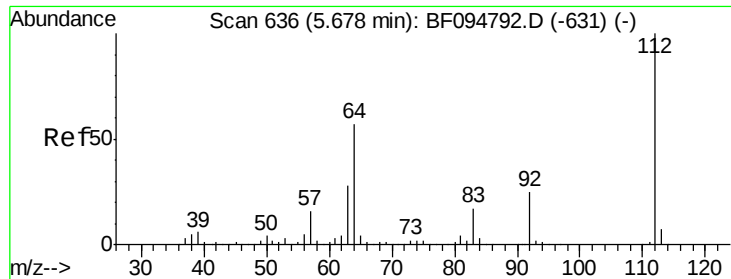


#2

1,4-Dioxane
Concen: 0.102 ng
RT: 2.10 min Scan# 27
Delta R.T. -0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

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





#5

2-Fluorophenol

Concen: 10.419 ng

RT: 5.68 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF094836.D

Acq: 3 May 2017 15:17

Instrument :

BNA_F

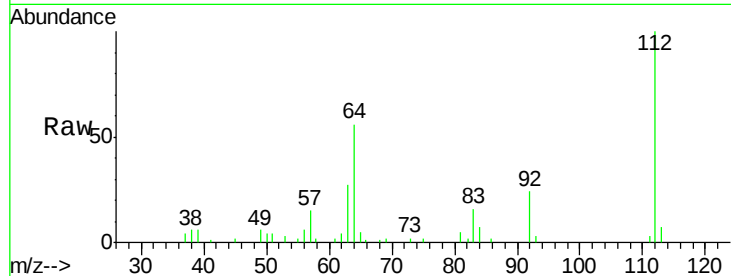
ClientSampleId :

E2-V9-BASE

Tgt Ion:	112	Resp:	53150
Ion Ratio	Lower	Upper	
112	100		
64	55.9	46.0	69.0
63	26.7	23.4	35.0

Manual Integrations
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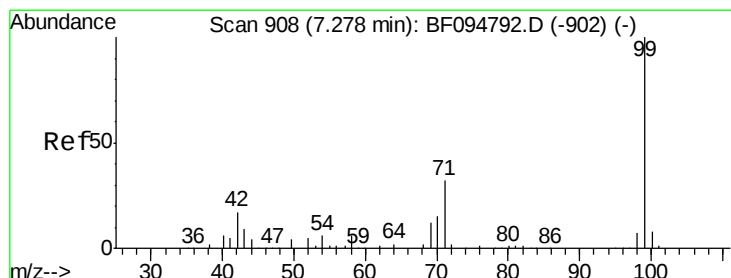
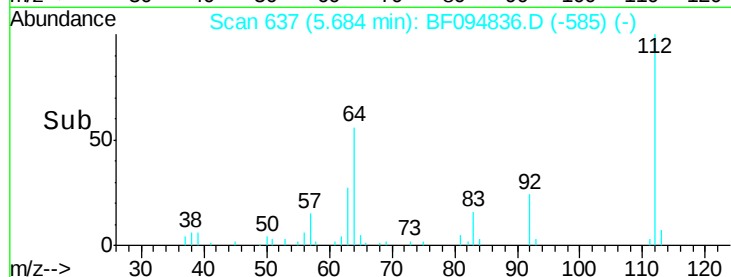
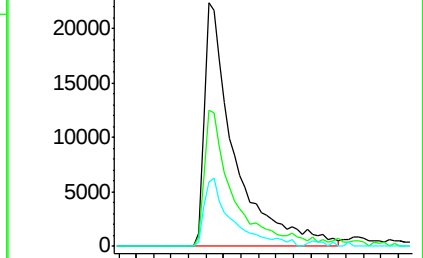
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 10.417 ng

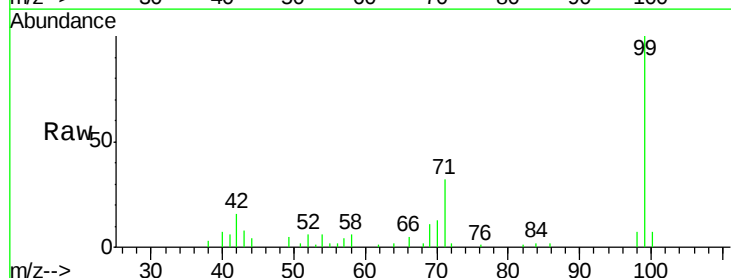
RT: 7.28 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF094836.D

Acq: 3 May 2017 15:17

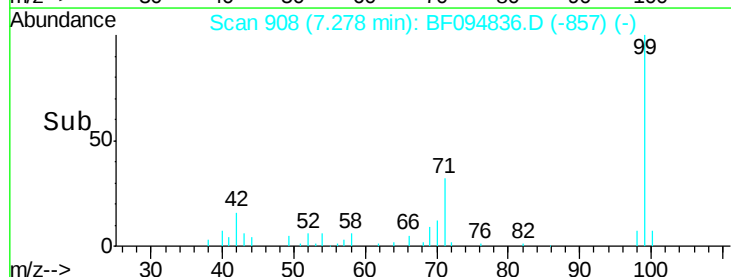
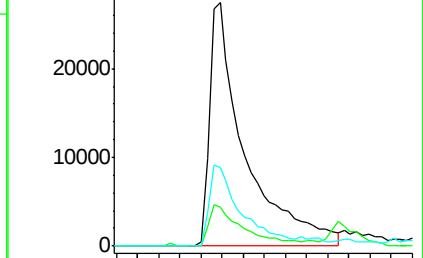
Tgt Ion:	99	Resp:	63760
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	32.1	24.5	36.7

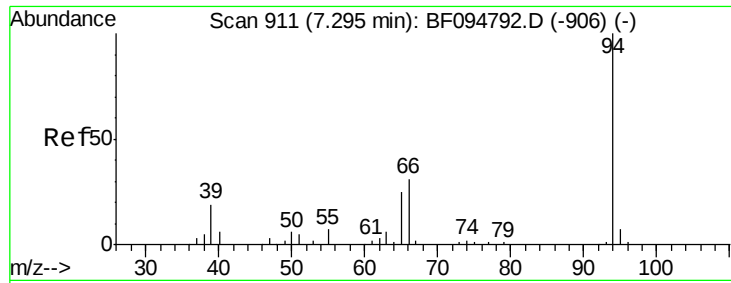


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





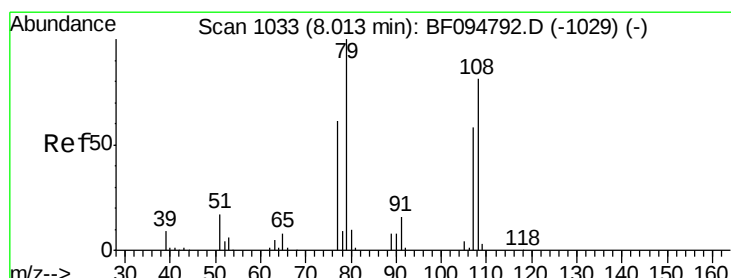
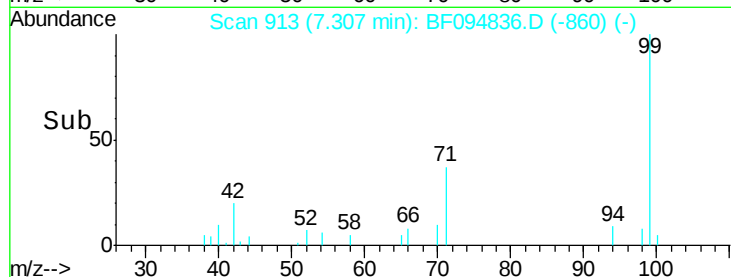
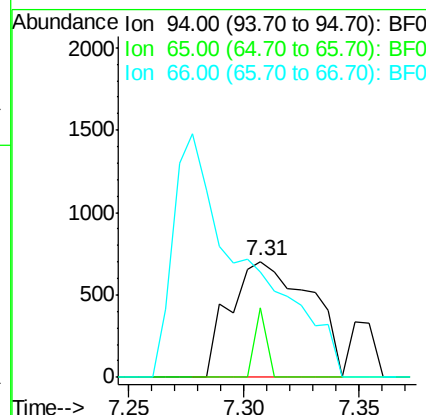
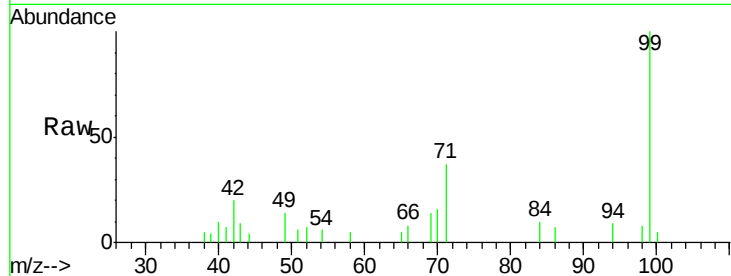
#10
Phenol
Concen: 0.263 ng
RT: 7.31 min Scan# 913
Delta R.T. 0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Instrument :
BNA_F
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E2-V9-BASE

Tgt Ion	Ratio	Lower	Upper
94	100		
65	60.3	9.9	49.9#
66	91.0	23.1	63.1#

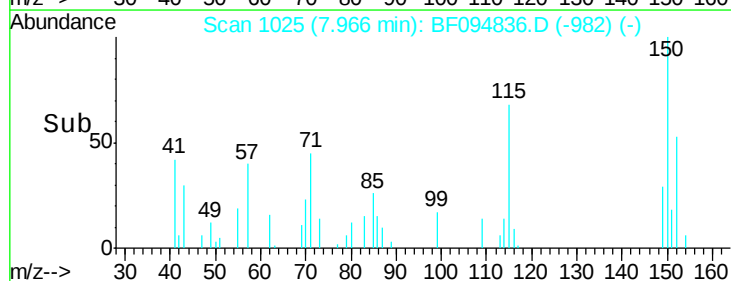
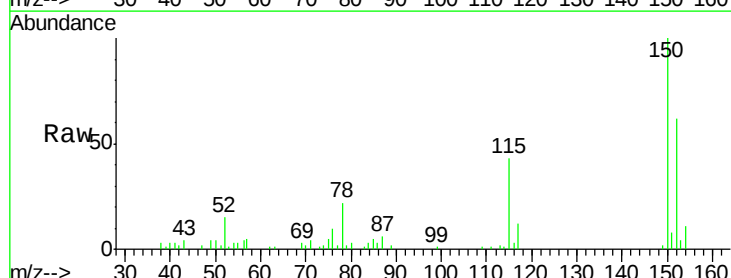
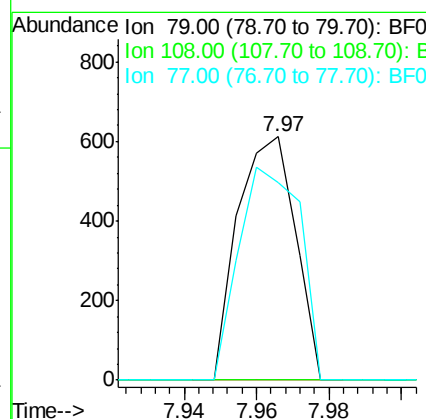
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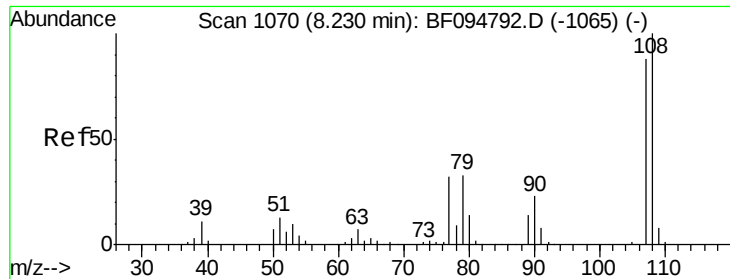
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#15
Benzyl Alcohol
Concen: 0.171 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Lower	Upper
79	100		
108	0.0	63.4	95.0#
77	81.0	49.2	73.8#





#17

2-Methylphenol

Concen: 0.214 ng

RT: 8.27 min Scan# 1077

Delta R.T. 0.04 min

Lab File: BF094836.D

Acq: 3 May 2017 15:17

Instrument :

BNA_F

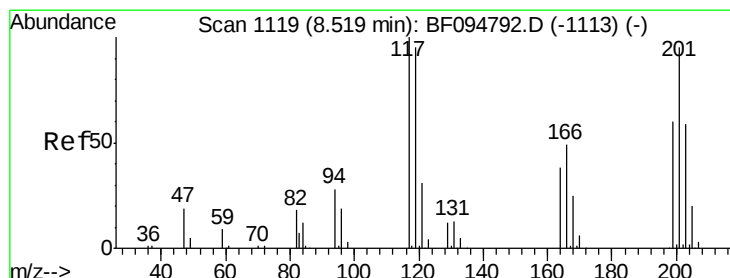
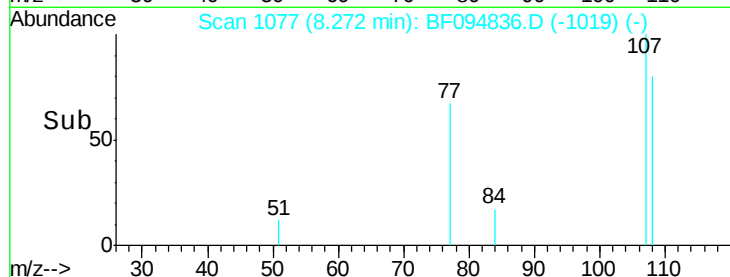
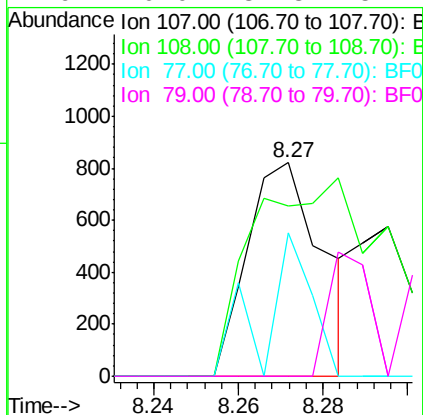
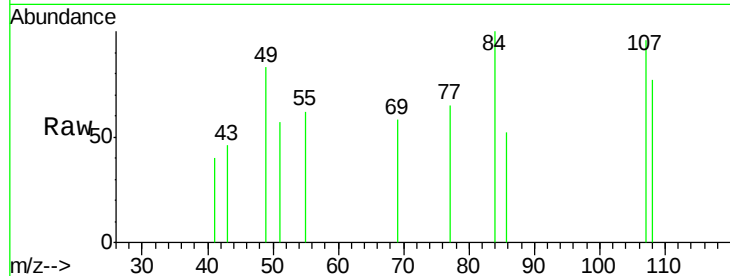
ClientSampleId :

E2-V9-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	79.7	93.4	140.0#	
77	67.2	35.8	53.6#	
79	0.0	34.8	52.2#	

Manual Integrations
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#18

Hexachloroethane

Concen: 0.121 ng

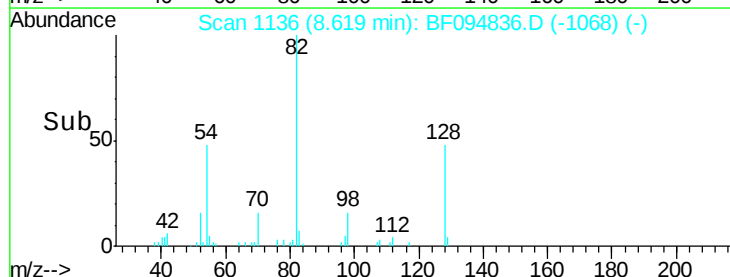
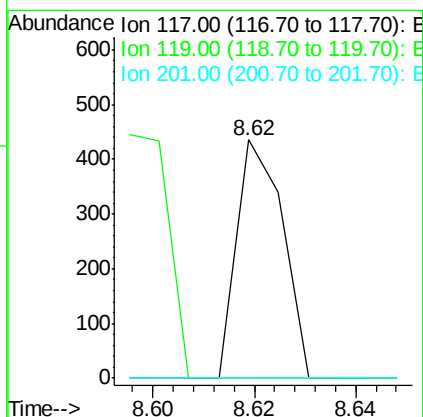
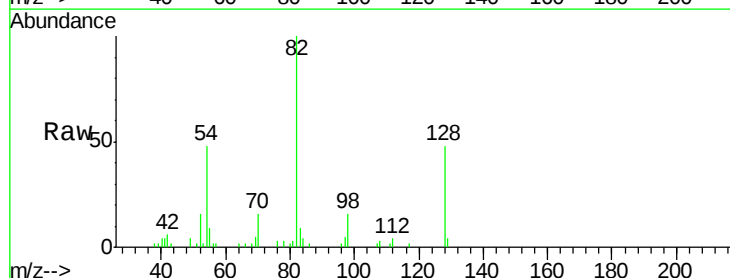
RT: 8.62 min Scan# 1136

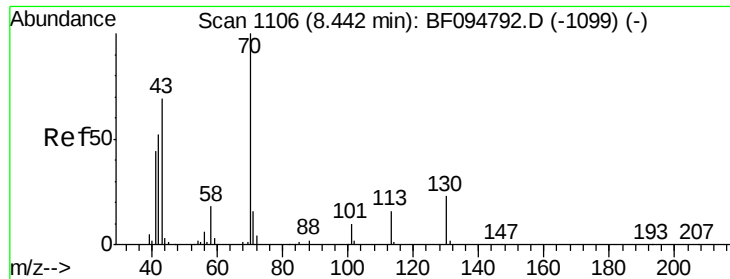
Delta R.T. 0.10 min

Lab File: BF094836.D

Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	0.0	77.4	116.0#	
201	0.0	94.6	141.8#	





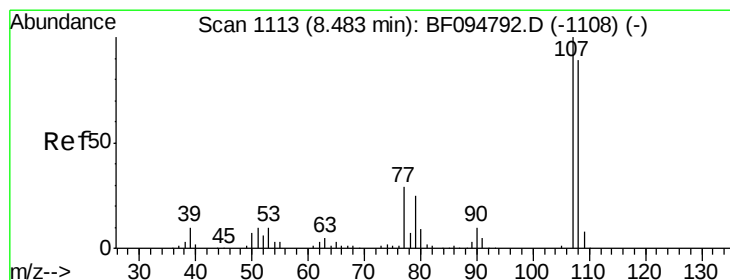
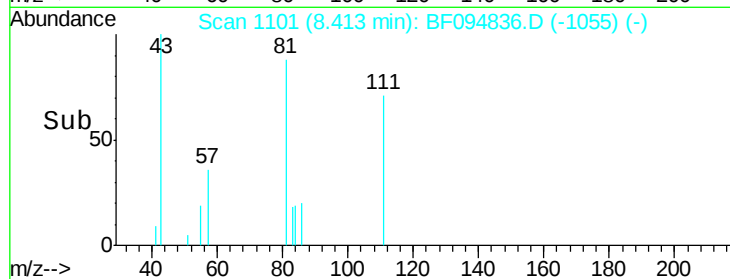
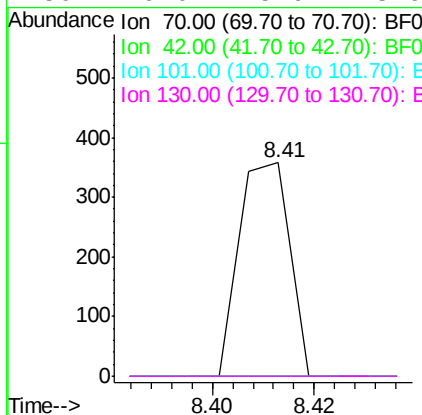
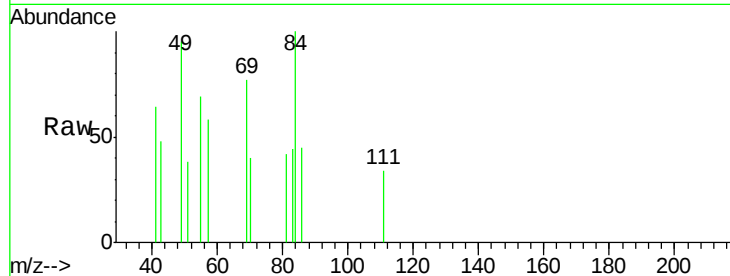
#19
n-Nitroso-di-n-propylamine
Concen: 0.060 ng
RT: 8.41 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
E2-V9-BASE

Tgt Ion	Ratio	Lower	Upper
70	100		
42	0.0	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#

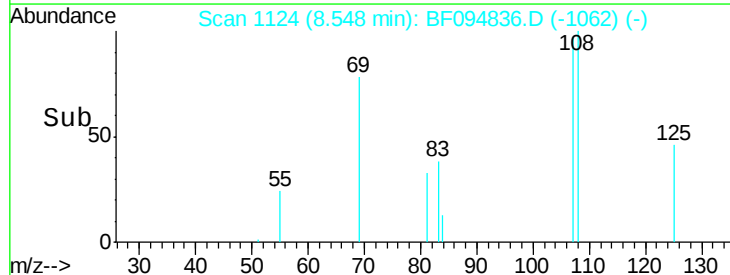
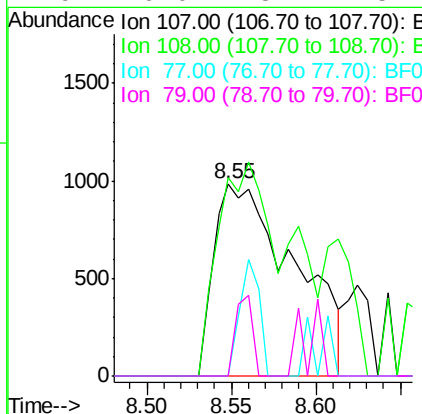
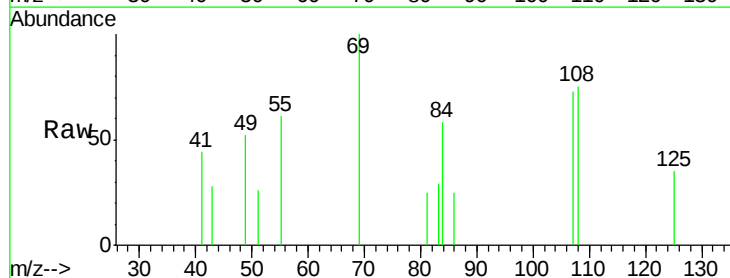
Manual Integrations
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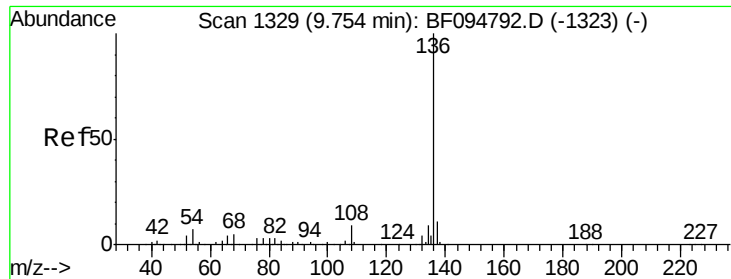
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#20
3+4-Methylphenols
Concen: 0.505 ng
RT: 8.55 min Scan# 1124
Delta R.T. 0.06 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	103.0	71.0	111.0
77	0.0	90.5	130.5#
79	0.0	8.4	48.4#





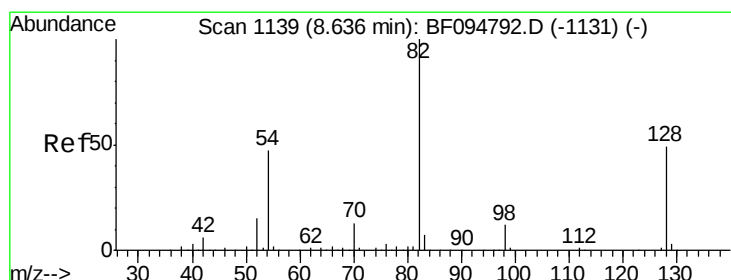
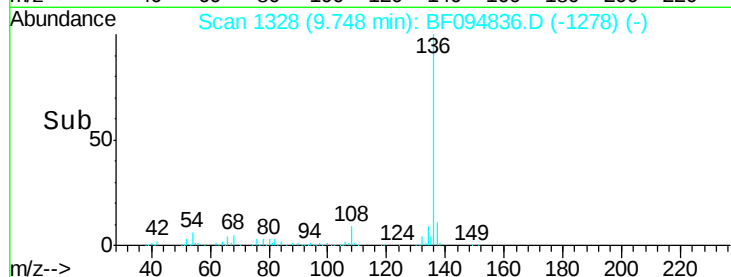
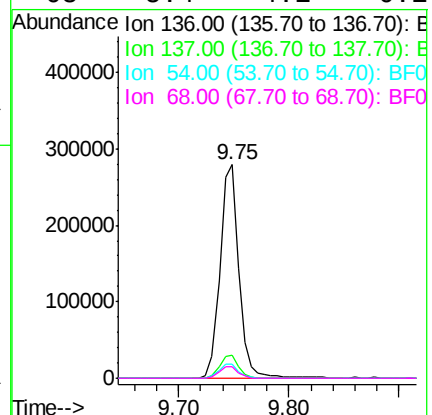
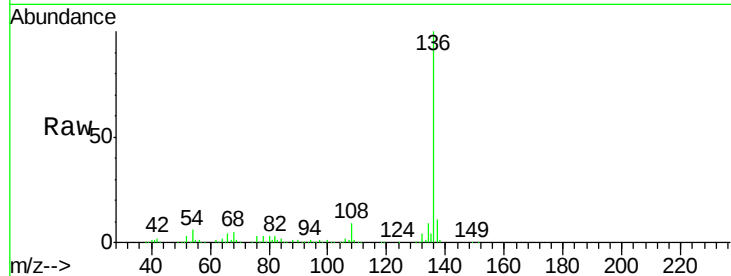
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
E2-V9-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	330830		
137	10.6	8.5	12.7	
54	6.5	4.9	7.3	
68	5.4	4.1	6.1	

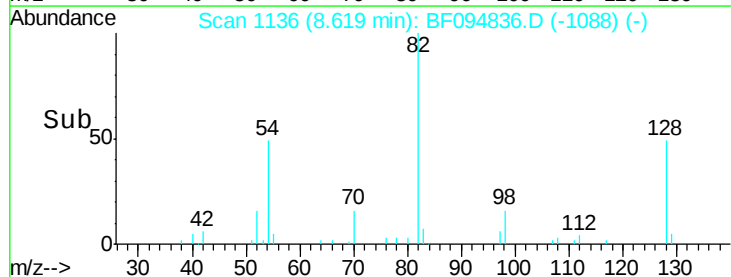
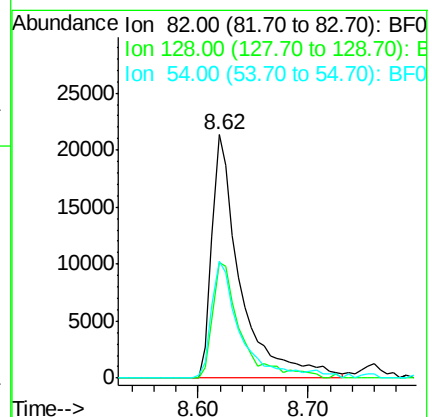
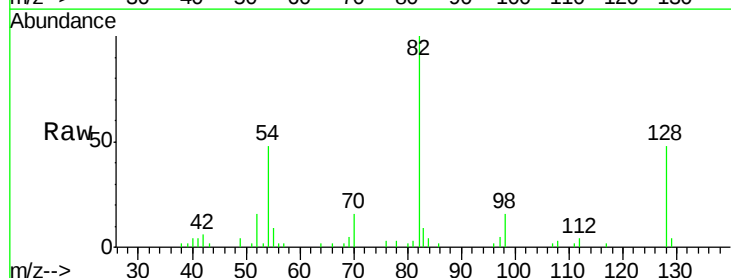
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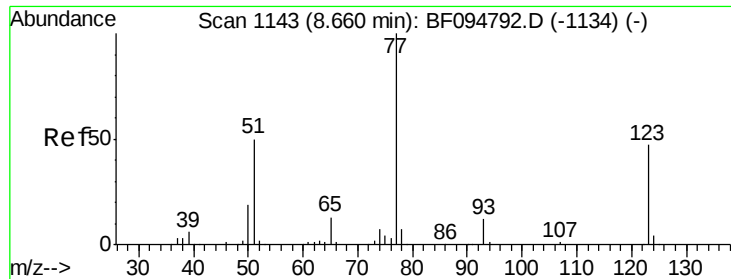
mohammad
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#23
Nitrobenzene-d5
Concen: 7.169 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	37613		
128	47.6	34.0	51.0	
54	48.0	42.2	63.2	





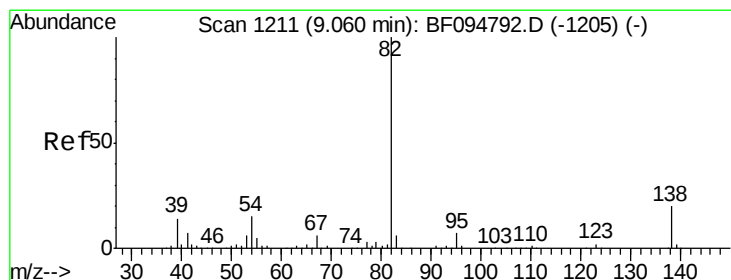
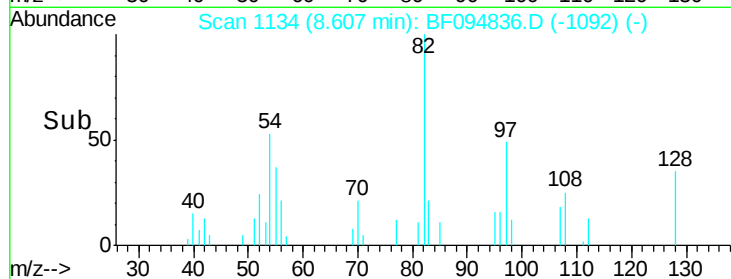
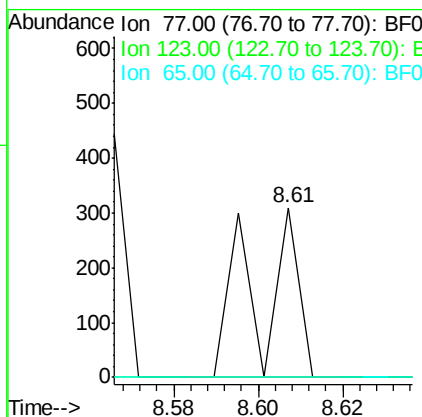
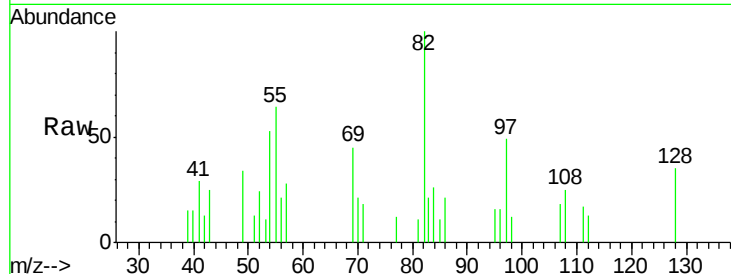
#24
Nitrobenzene
Concen: 0.039 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
E2-V9-BASE

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

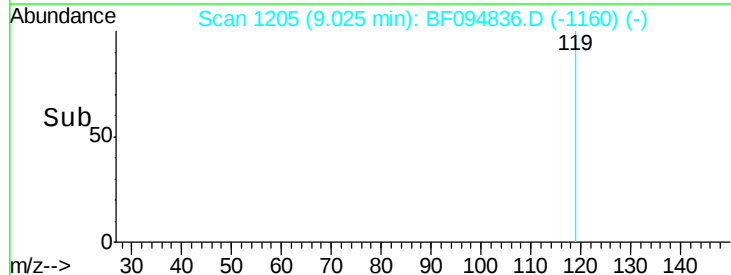
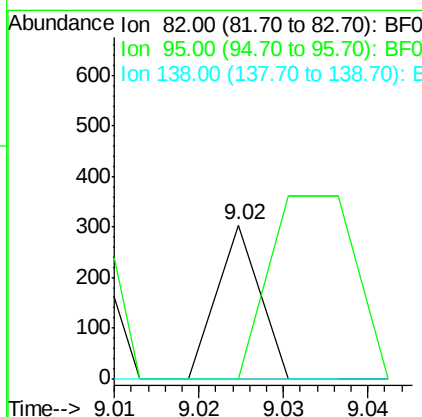
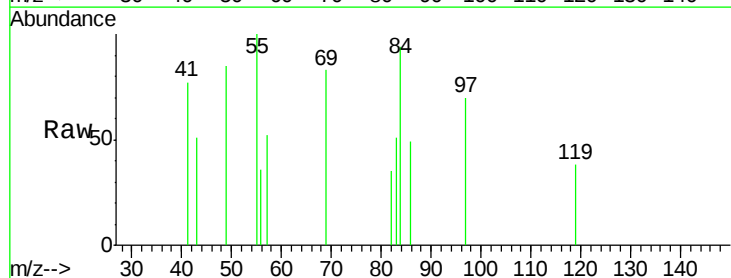
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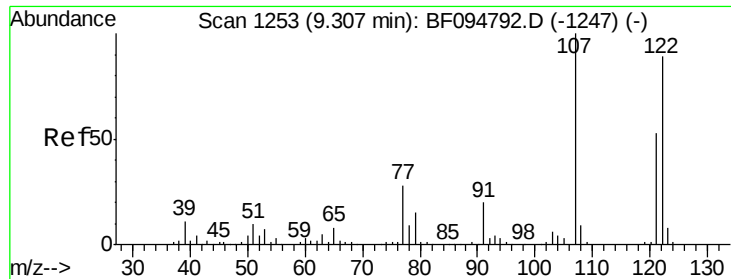
mohammad
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#25
Isophorone
Concen: 0.011 ng
RT: 9.02 min Scan# 1205
Delta R.T. -0.04 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

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





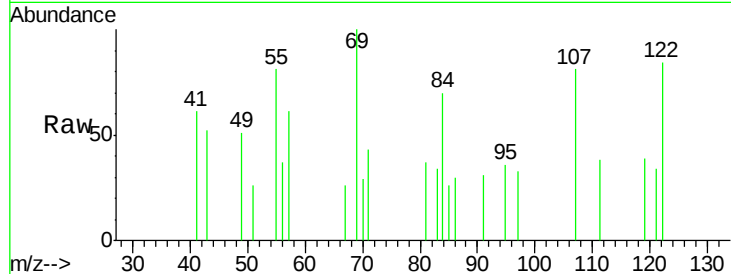
#27
 2,4-Dimethylphenol
 Concen: 0.594 ng
 RT: 9.37 min Scan# 1264
 Delta R.T. 0.06 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Instrument :
 BNA_F
 ClientSampled :
 E2-V9-BASE

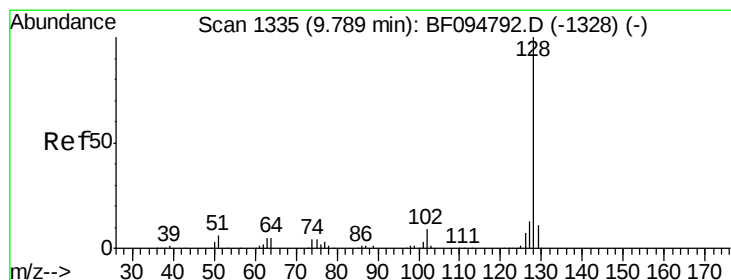
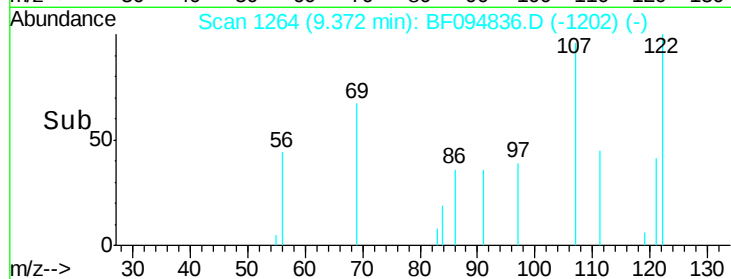
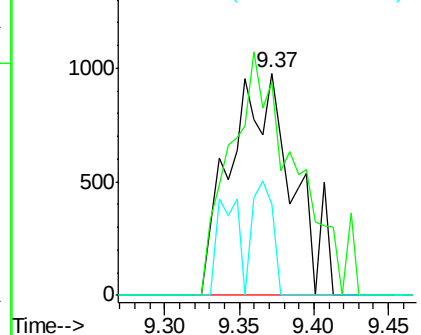
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	2851		
107	96.1	89.2	133.8	
121	40.9	45.2	67.8	

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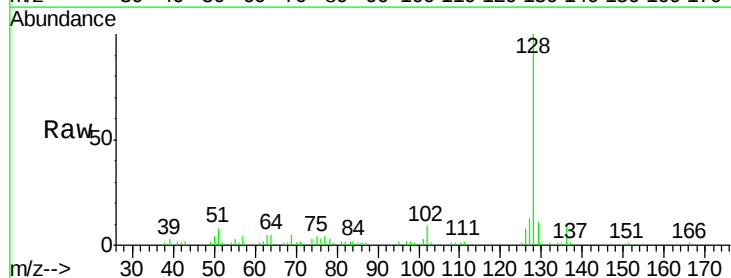


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

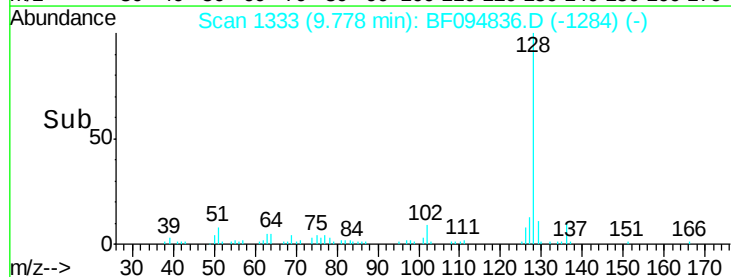
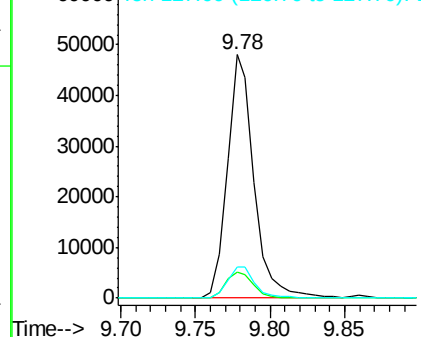


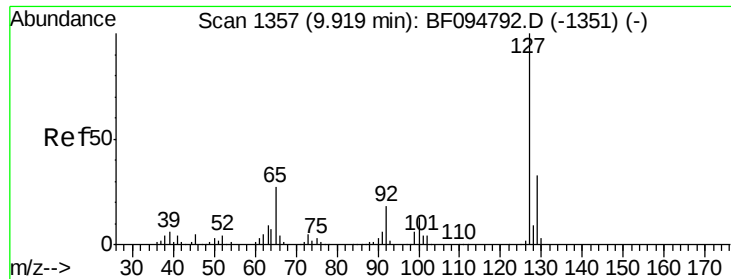
#31
 Naphthalene
 Concen: 3.618 ng
 RT: 9.78 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	60165		
129	10.8	9.0	13.6	
127	12.7	10.8	16.2	



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





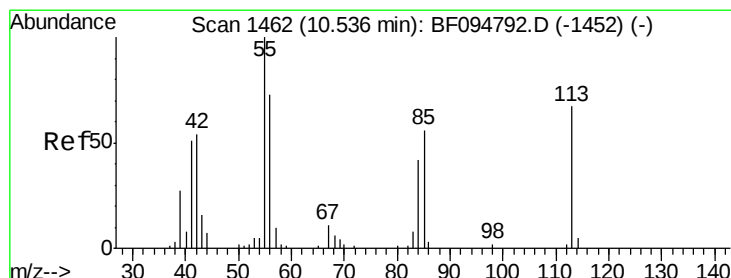
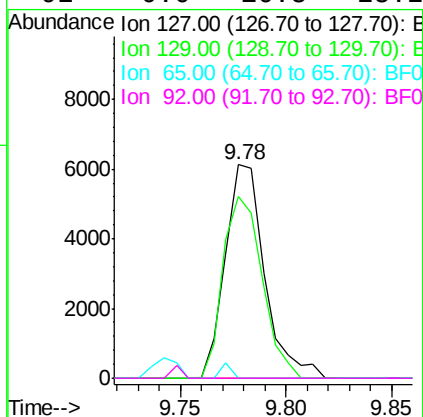
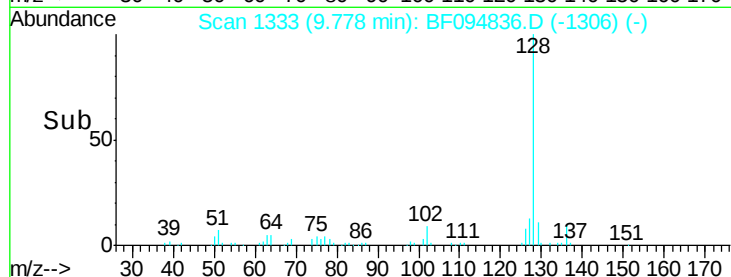
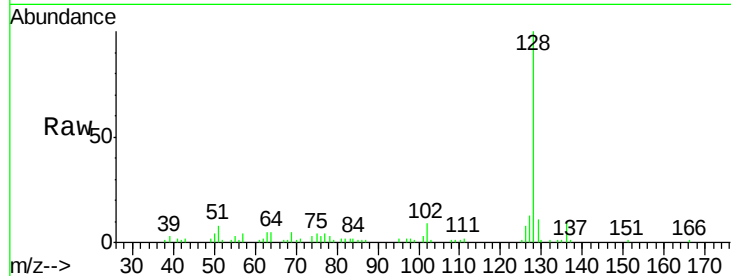
#33
 4-Chloroaniline
 Concen: 1.280 ng
 RT: 9.78 min Scan# 1333
 Delta R.T. -0.14 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-BASE

Tgt Ion:	127	Resp:	7929
Ion Ratio	Lower	Upper	
127	100		
129	85.0	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

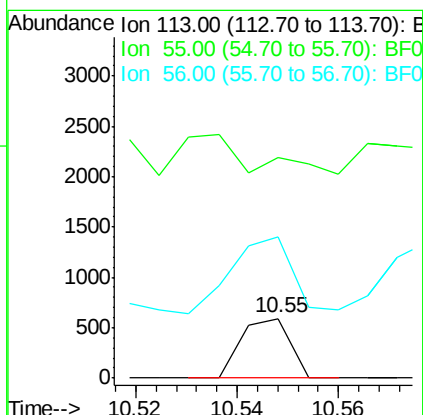
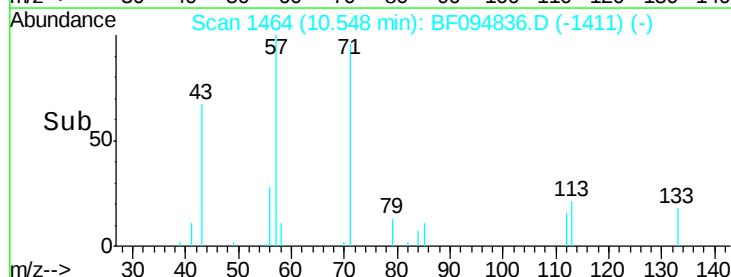
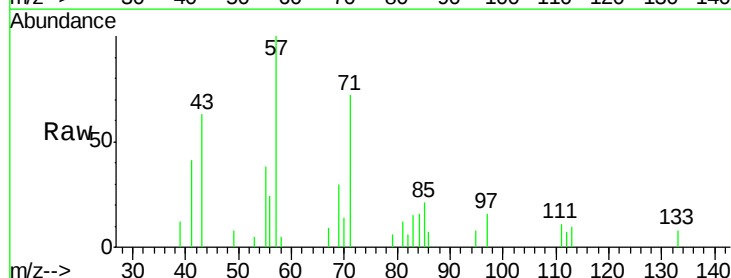
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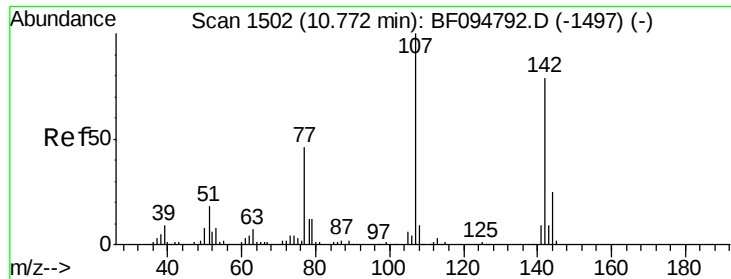
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#35
 Caprolactam
 Concen: 0.290 ng
 RT: 10.55 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Tgt Ion:	113	Resp:	395
Ion Ratio	Lower	Upper	
113	100		
55	372.8	150.2	190.2#
56	238.0	107.8	147.8#





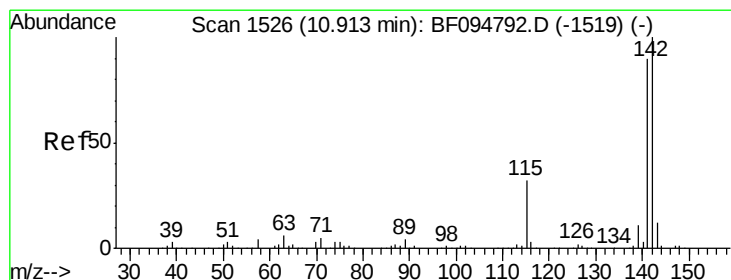
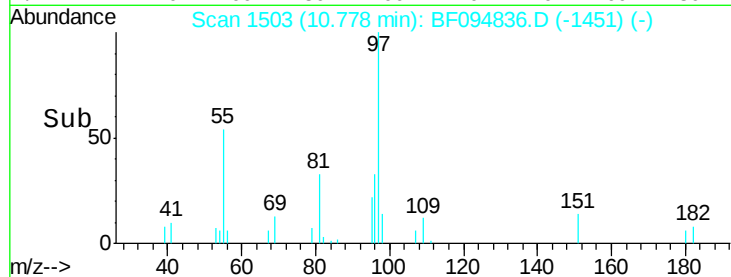
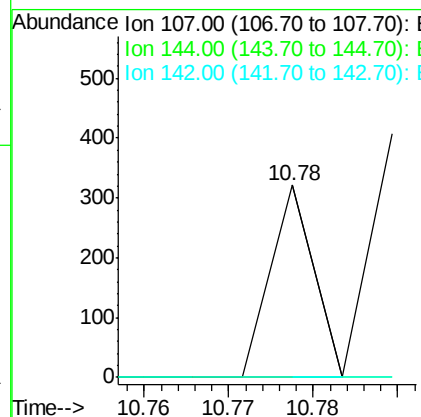
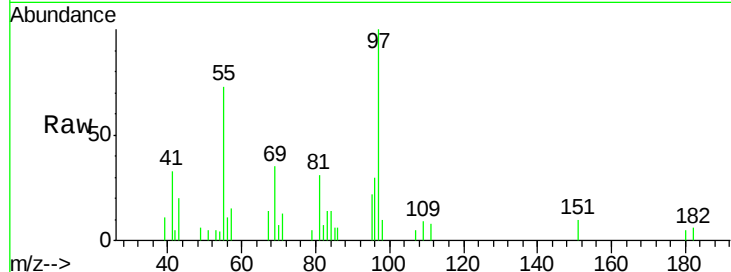
#36
 4-Chloro-3-methylphenol
 Concen: 0.023 ng
 RT: 10.78 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Instrument :
 BNA_F
 ClientSampled :
 E2-V9-BASE

Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	24.2	36.4#
142	0.0	73.4	110.0#

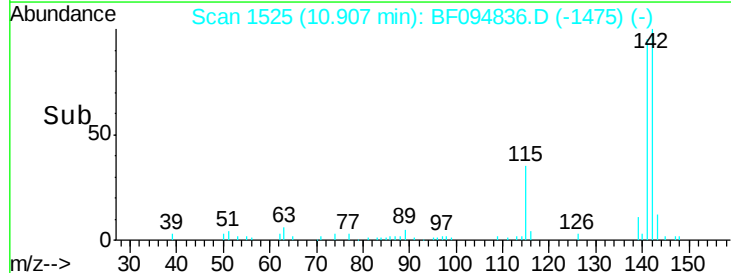
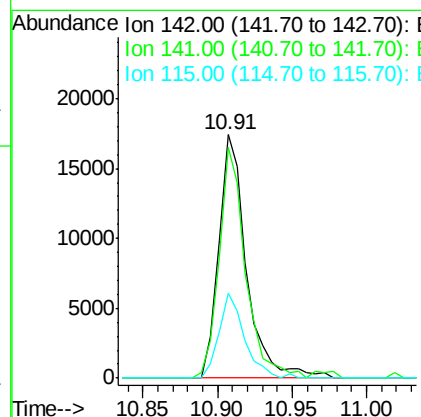
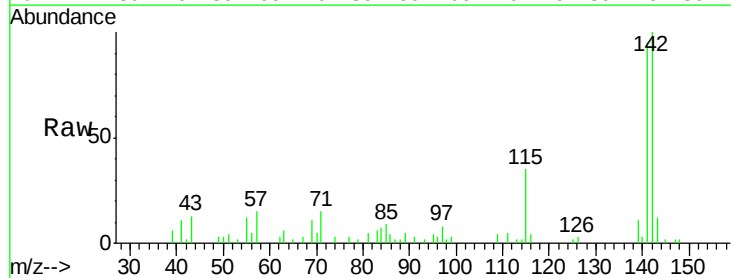
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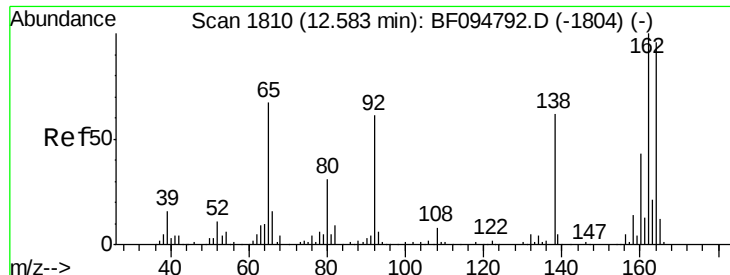
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#37
 2-Methylnaphthalene
 Concen: 2.070 ng
 RT: 10.91 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	71.3	106.9
115	35.1	27.1	40.7





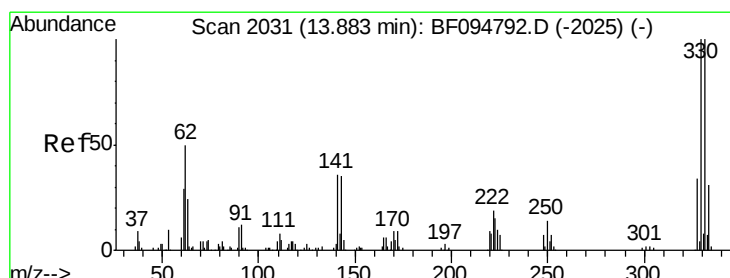
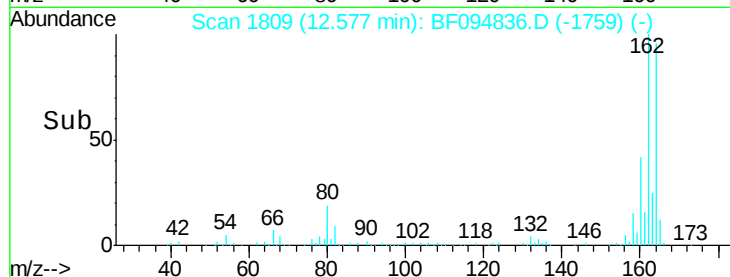
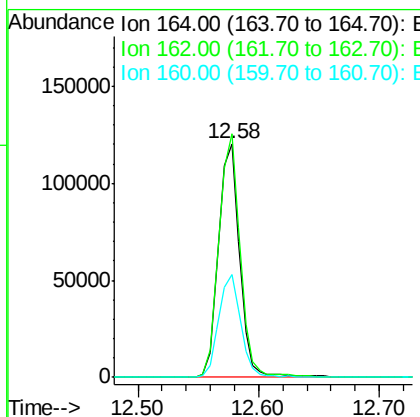
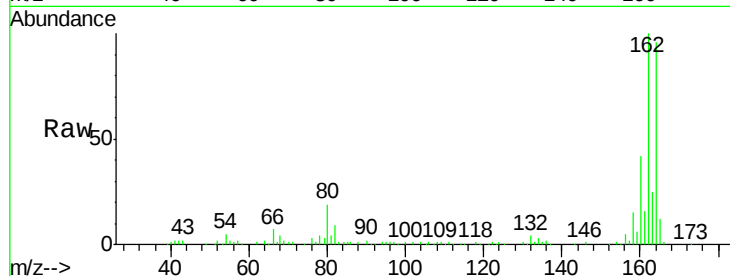
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
E2-V9-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	145734		
162	104.2	82.6	123.8	
160	43.7	36.2	54.2	

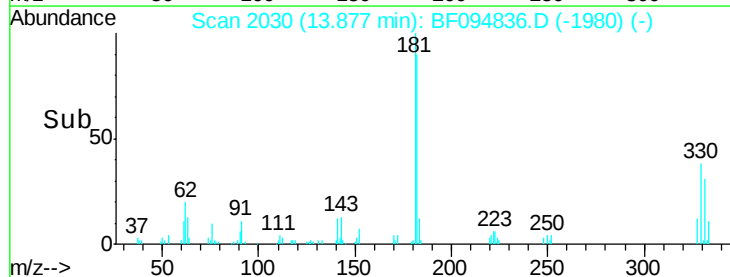
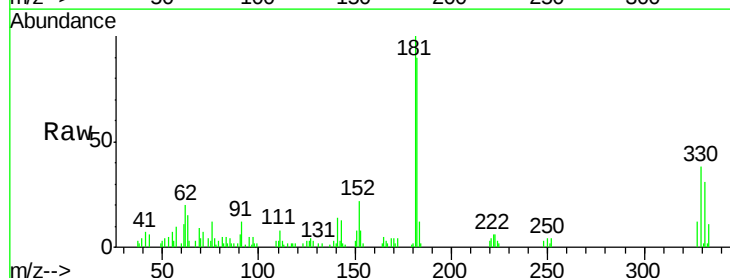
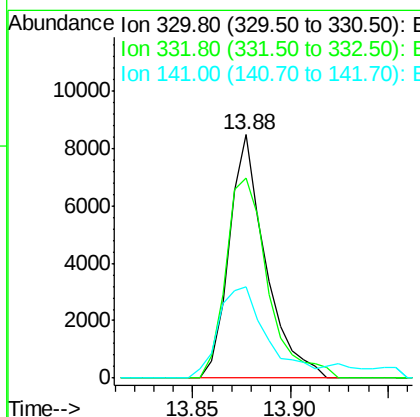
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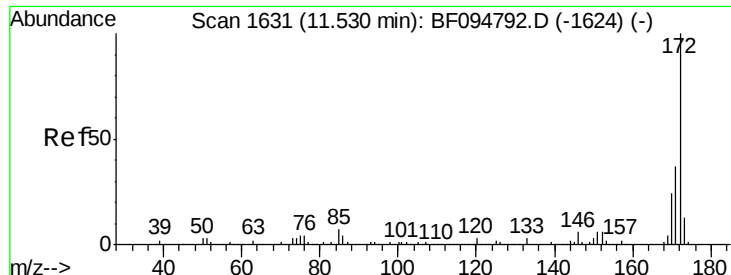
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#41
2,4,6-Tribromophenol
Concen: 9.171 ng
RT: 13.88 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	10946		
332	95.3	76.6	115.0	
141	50.2	31.4	47.2	





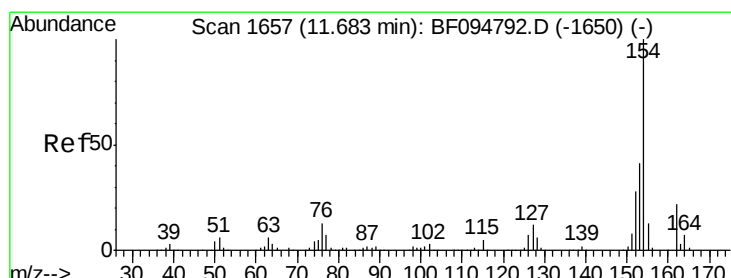
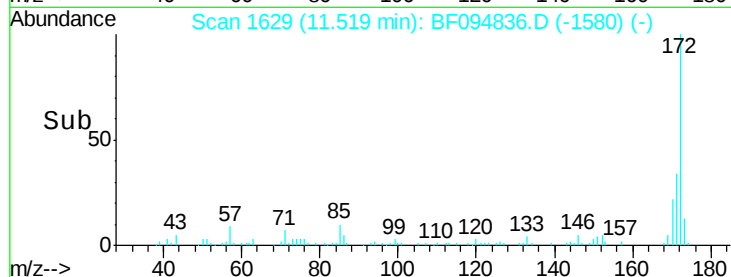
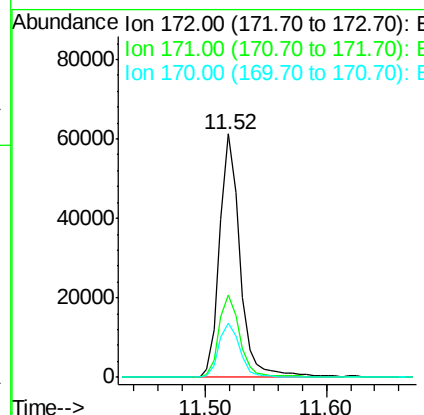
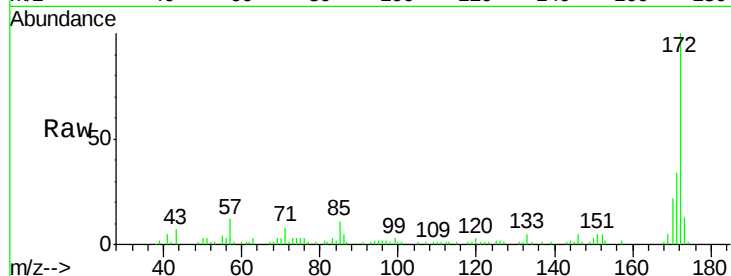
#44
2-Fluorobiphenyl
Concen: 7.059 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
E2-V9-BASE

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.6	44.4
170	22.3	19.8	29.8

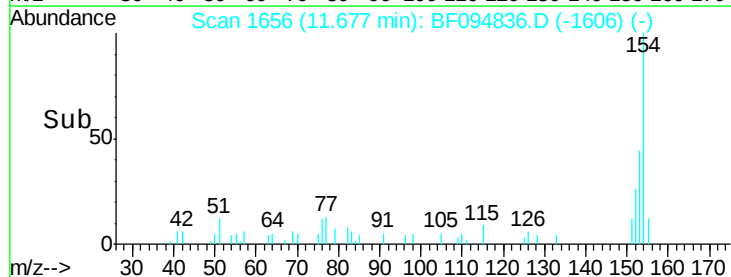
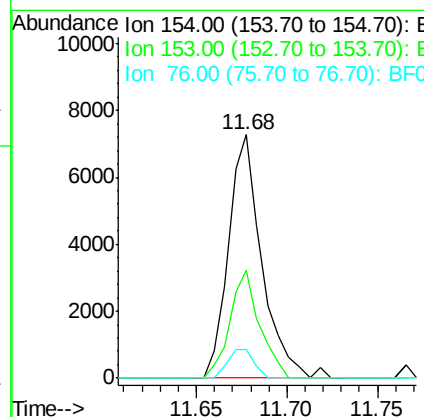
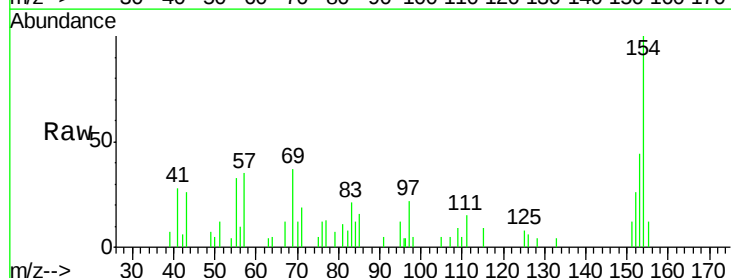
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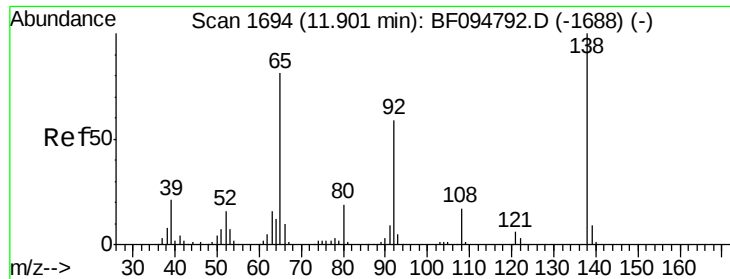
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#45
1,1'-Biphenyl
Concen: 0.756 ng
RT: 11.68 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.3	21.2	61.2
76	11.7	0.0	29.9





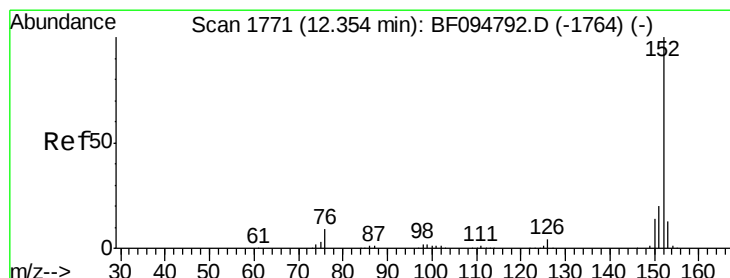
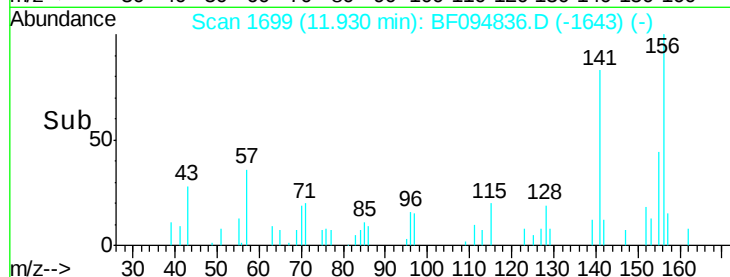
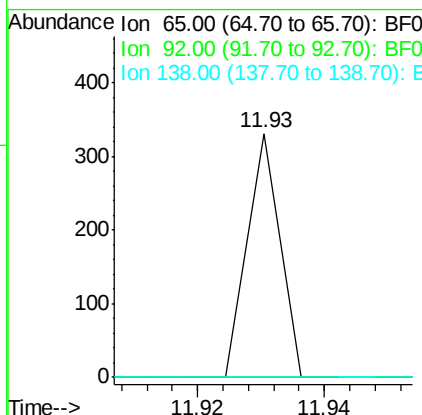
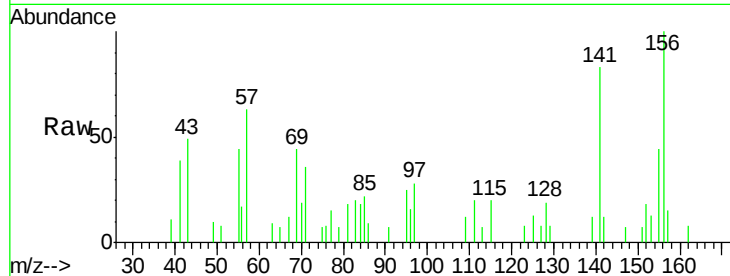
#47
2-Nitroaniline
Concen: 0.043 ng
RT: 11.93 min Scan# 1699
Delta R.T. 0.03 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
E2-V9-BASE

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.9	80.9#
138	0.0	78.8	118.2#

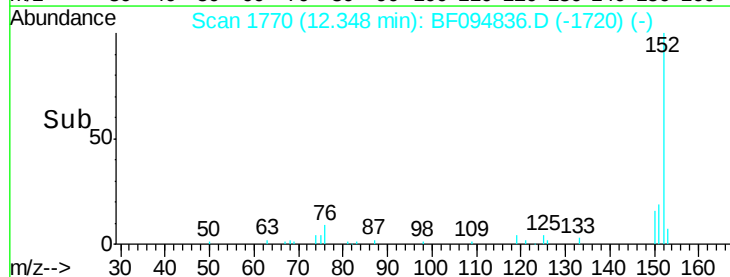
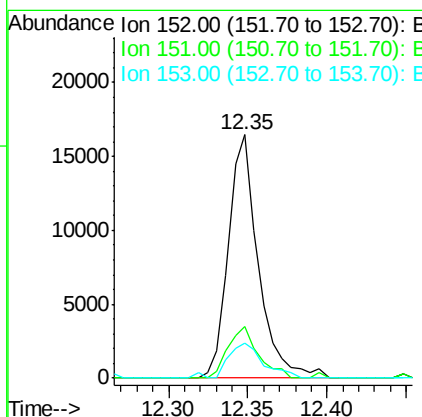
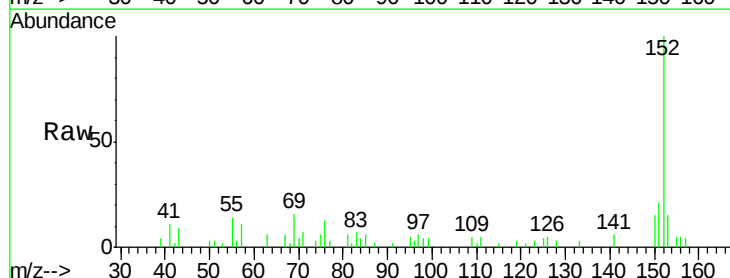
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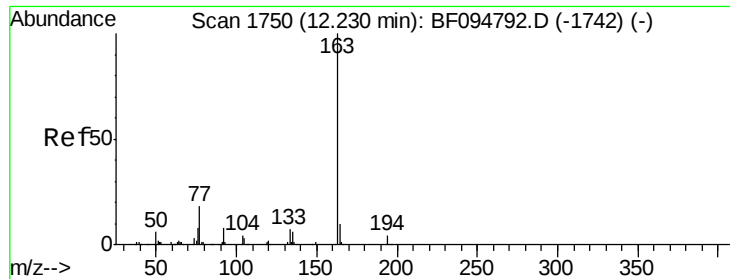
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#48
Acenaphthylene
Concen: 1.390 ng
RT: 12.35 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	14.6	10.8	16.2





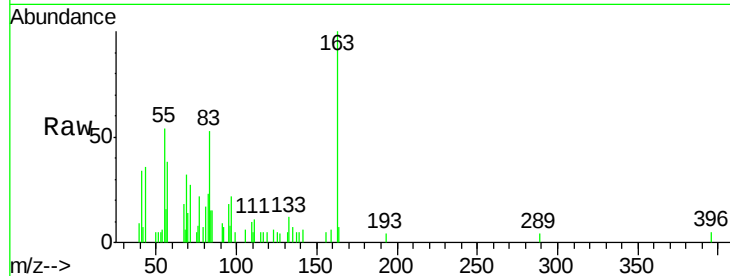
#49
Dimethylphthalate
Concen: 0.775 ng
RT: 12.21 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
E2-V9-BASE

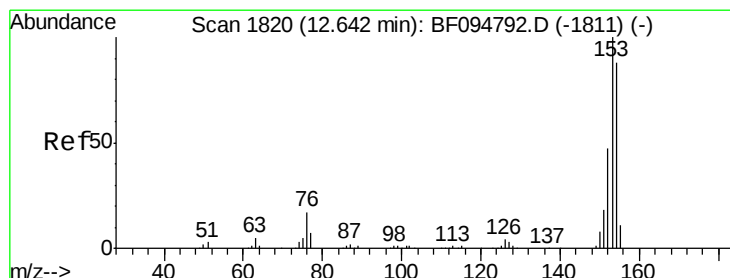
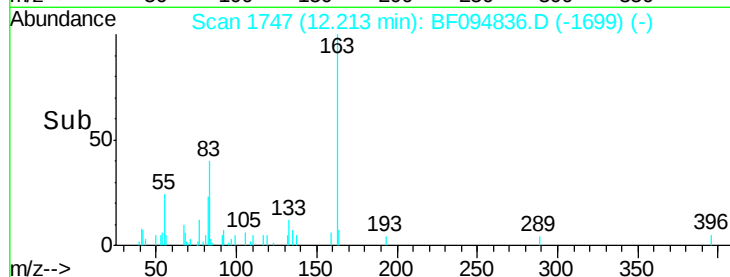
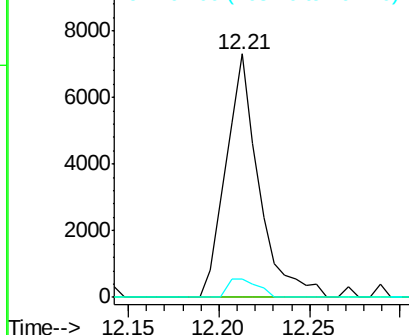
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	9274		
194	0.0	2.6	4.0#	
164	7.5	8.4	12.6#	

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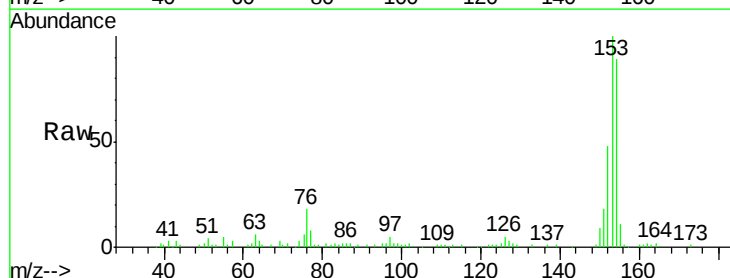


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

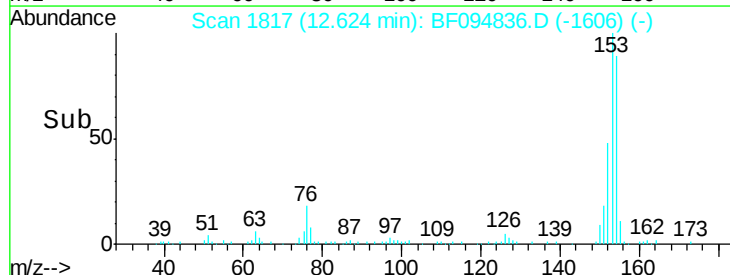
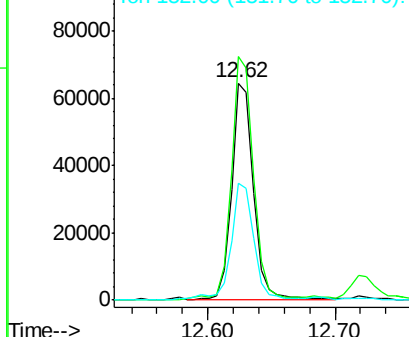


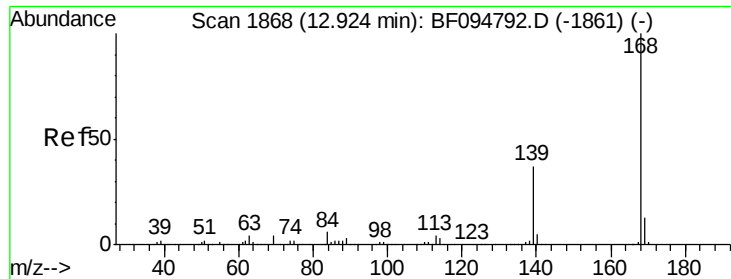
#51
Acenaphthene
Concen: 6.348 ng m
RT: 12.62 min Scan# 1817
Delta R.T. 0.94 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	77885		
153	112.3	90.5	135.7	
152	53.7	43.6	65.4	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 6.799 ng

RT: 12.92 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF094836.D

Acq: 3 May 2017 15:17

Instrument :

BNA_F

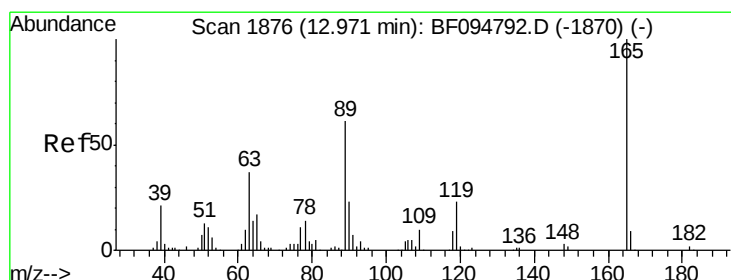
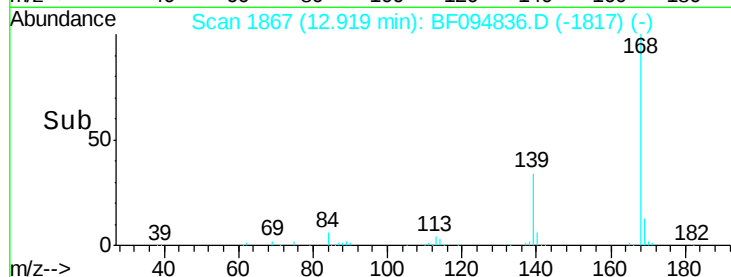
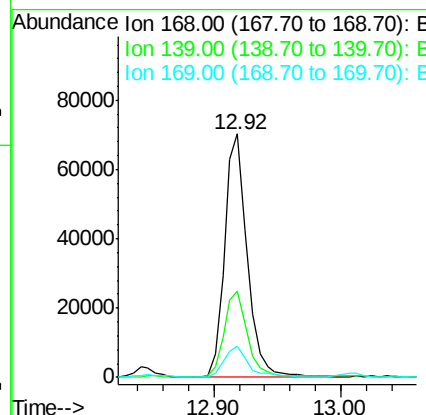
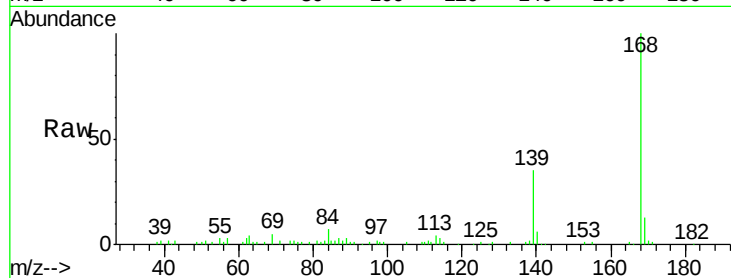
ClientSampleId :

E2-V9-BASE

Tgt Ion:	168	Resp:	87205
Ion Ratio	Lower	Upper	
168	100		
139	35.2	30.6	45.8
169	12.8	10.8	16.2

Manual Integrations
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mohammad
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#56

2,4-Dinitrotoluene

Concen: 0.257 ng

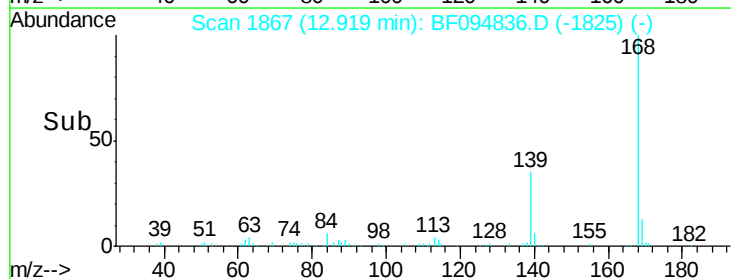
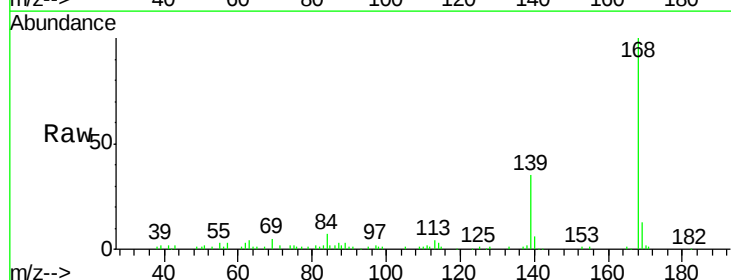
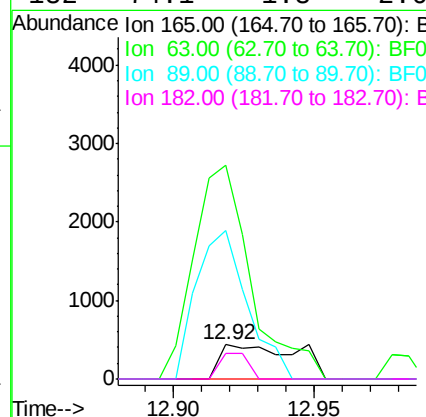
RT: 12.92 min Scan# 1867

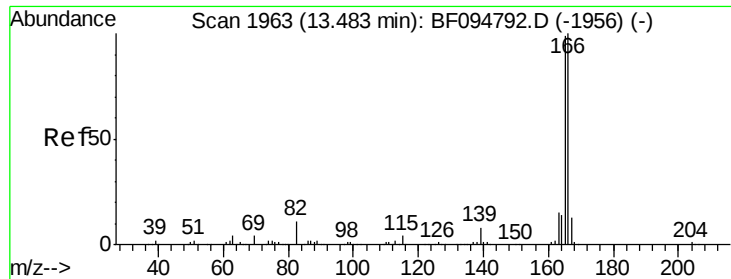
Delta R.T. -0.05 min

Lab File: BF094836.D

Acq: 3 May 2017 15:17

Tgt Ion:	165	Resp:	805
Ion Ratio	Lower	Upper	
165	100		
63	622.7	25.4	38.0#
89	433.2	46.4	69.6#
182	74.1	1.8	2.6#





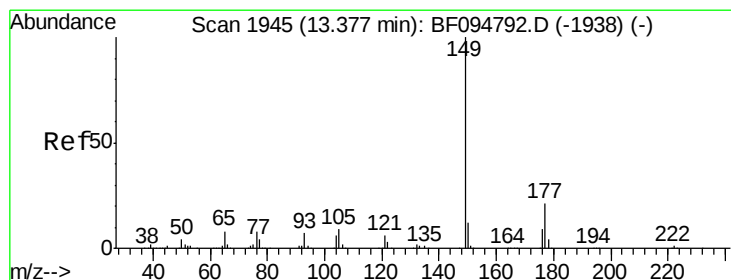
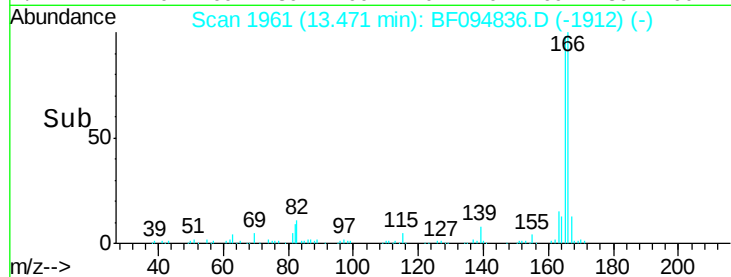
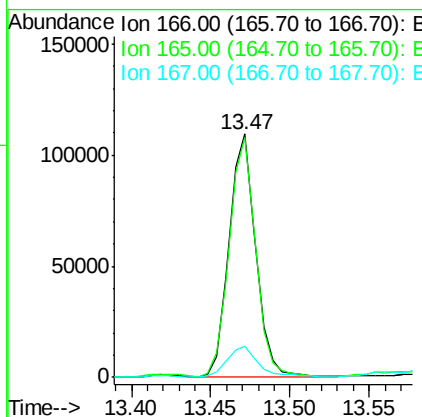
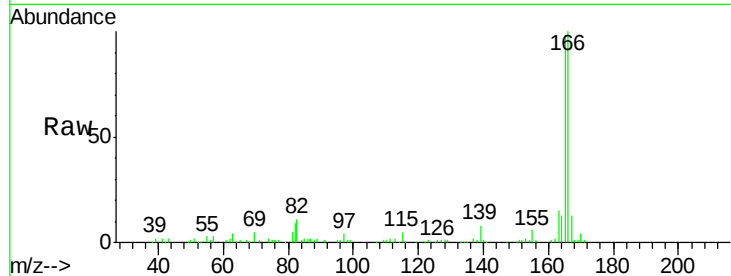
#57
 Fluorene
 Concen: 11.569 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	129033		
165	98.3		78.8	118.2
167	13.0		10.6	16.0

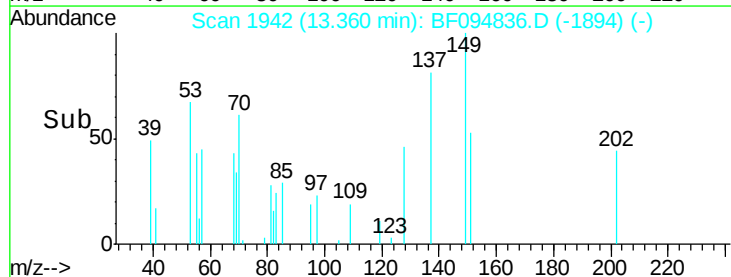
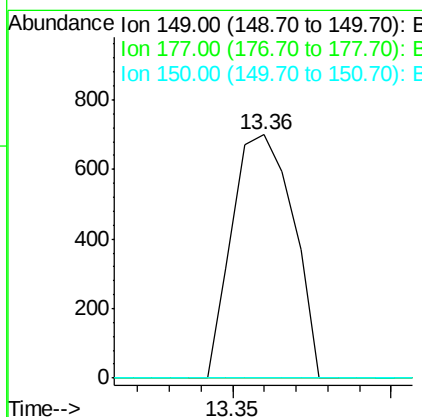
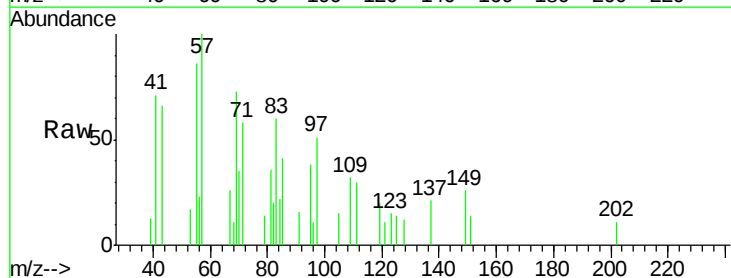
Manual Integrations
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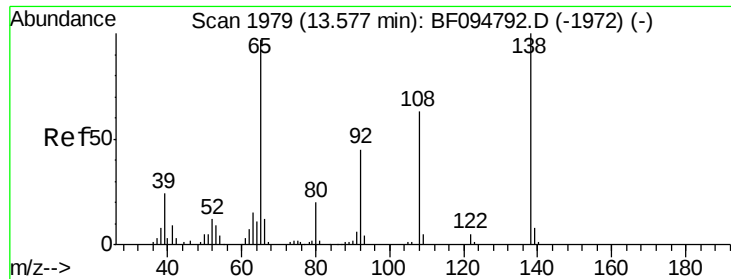
mohammad
 5/4/2017 1:45:59 PM



#59
 Diethylphthalate
 Concen: 0.082 ng
 RT: 13.36 min Scan# 1942
 Delta R.T. -0.02 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	935		
177	0.0		16.7	25.1#
150	0.0		10.2	15.2#





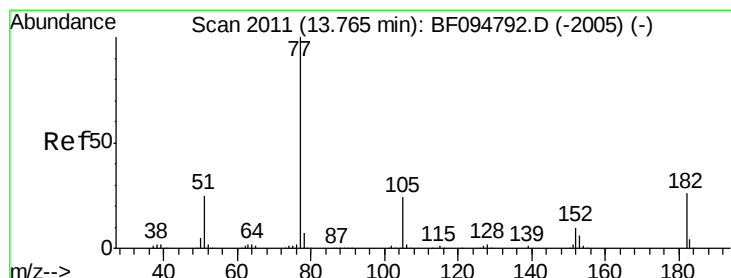
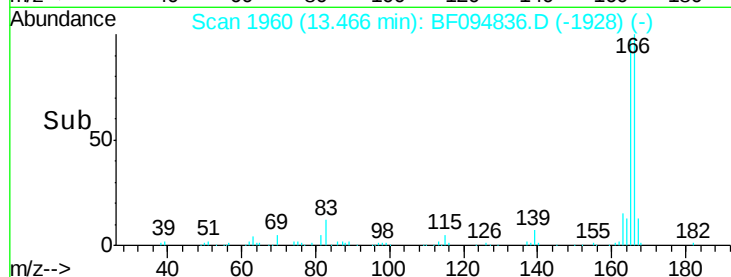
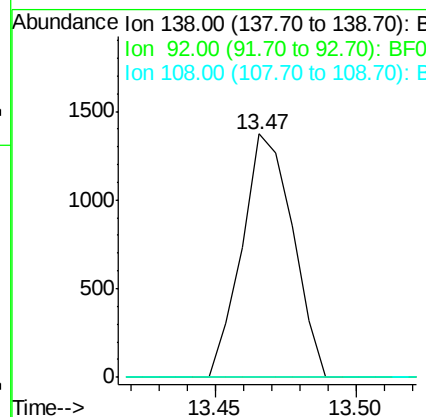
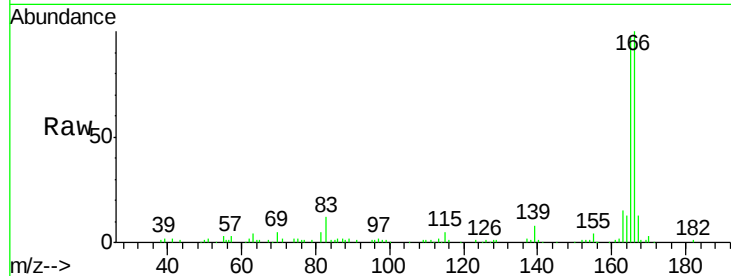
#61
4-Nitroaniline
Concen: 0.712 ng
RT: 13.47 min Scan# 1960
Delta R.T. -0.11 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
E2-V9-BASE

Tgt Ion	Ratio	Lower	Upper
138	100		
92	0.0	21.8	61.8#
108	0.0	42.3	82.3#

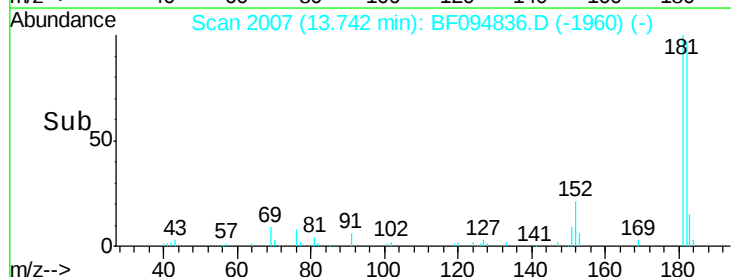
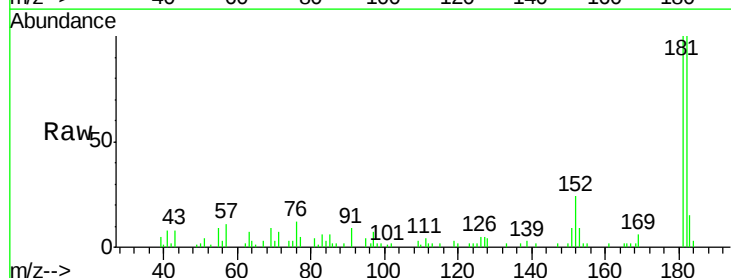
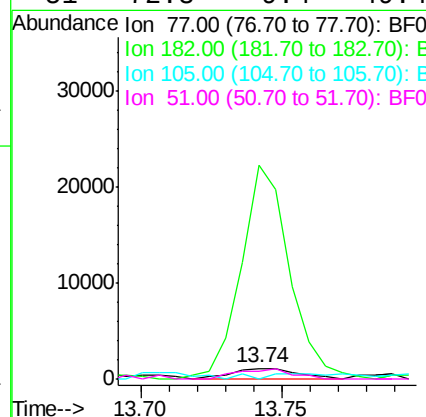
Manual Integrations
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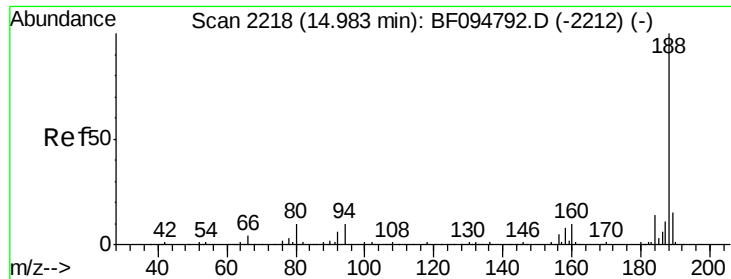
mohammad
5/4/2017 1:45:59 PM



#62
Azobenzene
Concen: 0.194 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	1966.5	0.1	40.1#
105	0.0	3.6	43.6#
51	72.8	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: BF094836.D

Acq: 3 May 2017 15:17

Instrument :

BNA_F

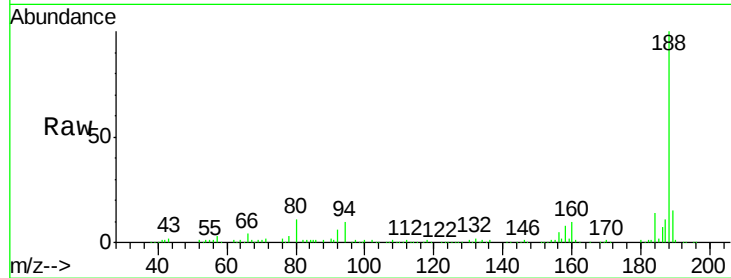
ClientSampled :

E2-V9-BASE

Tgt Ion:	188	Resp:	227363
Ion Ratio		Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.3	10.2	15.2

Manual Integrations
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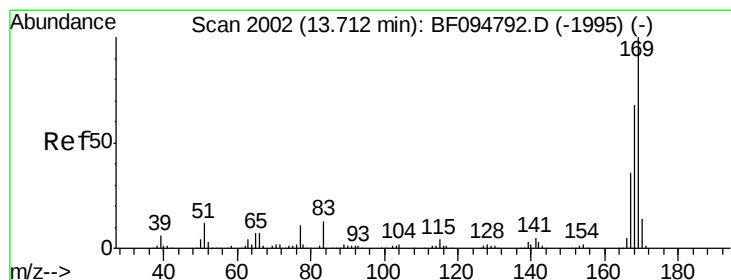
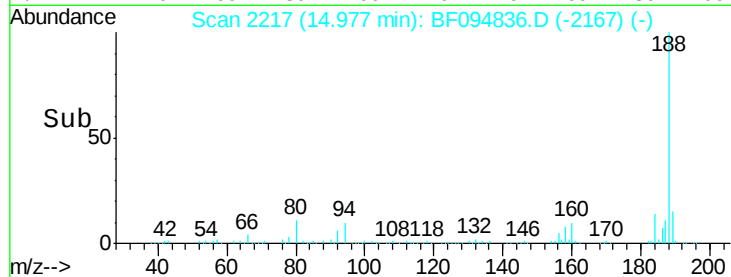
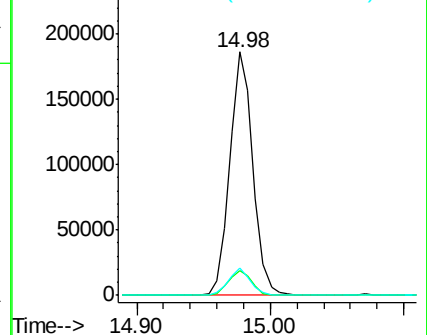
mohammad
5/4/2017 1:45:59 PM



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: 0.331 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF094836.D

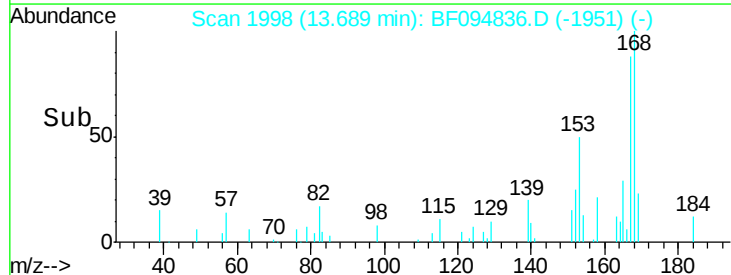
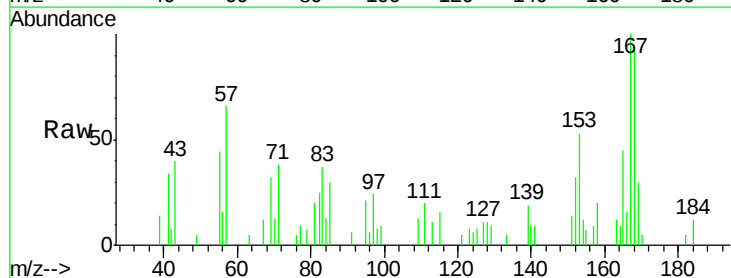
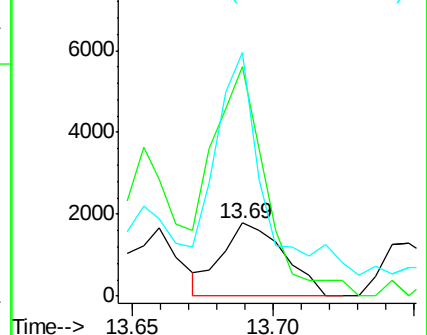
Acq: 3 May 2017 15:17

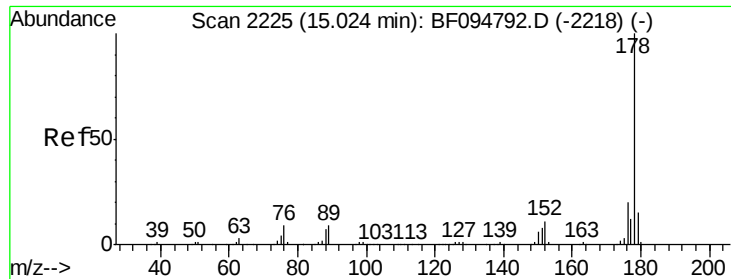
Tgt Ion:	169	Resp:	2729
Ion Ratio		Lower	Upper
169	100		
168	316.0	53.2	79.8#
167	334.6	29.5	44.3#

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





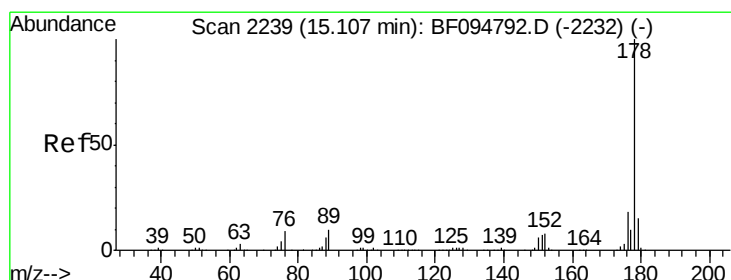
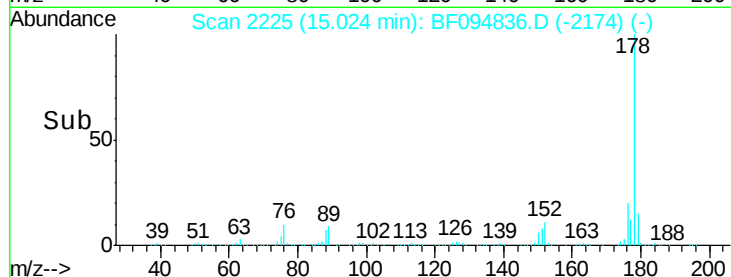
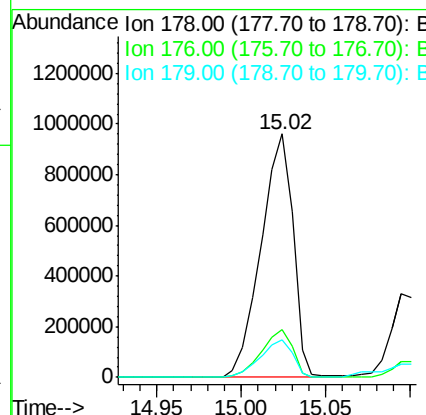
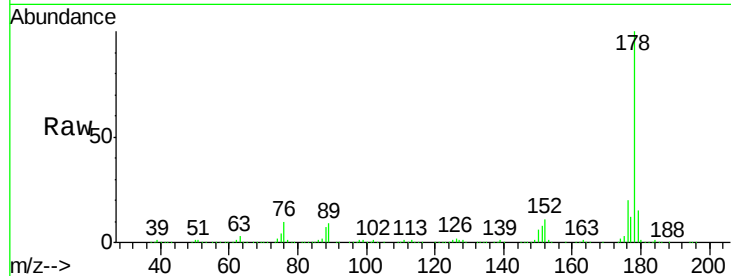
#70
Phenanthrene
Concen: 97.301 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
E2-V9-BASE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.4	12.6	19.0

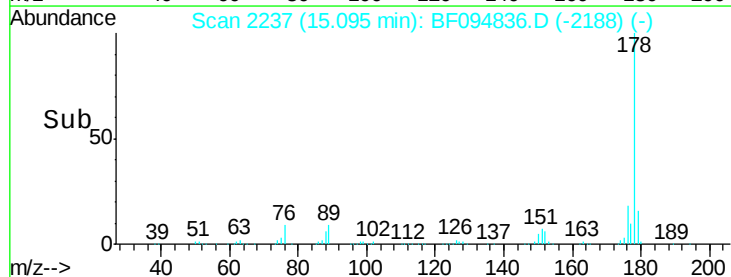
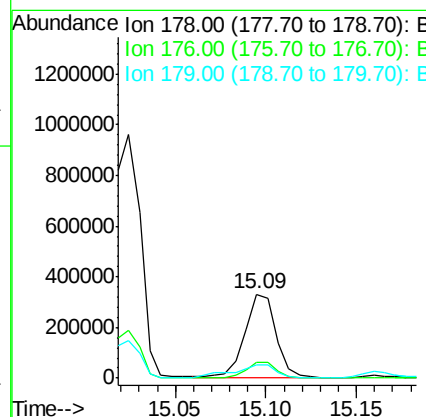
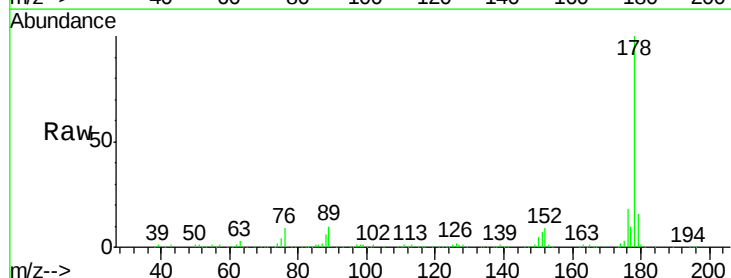
Manual Integrations
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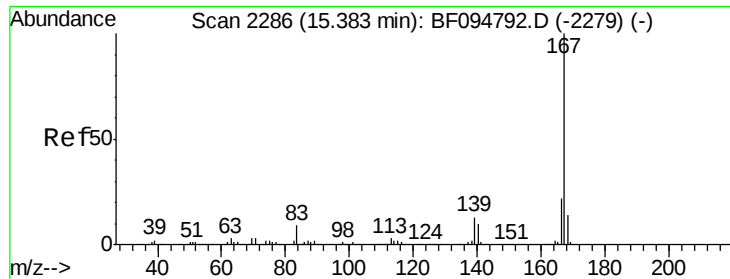
mohammad
5/4/2017 1:45:59 PM



#71
Anthracene
Concen: 29.389 ng
RT: 15.09 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.9	12.7	19.1





#72

Carbazole

Concen: 11.009 ng

RT: 15.38 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BF094836.D

Acq: 3 May 2017 15:17

Instrument :

BNA_F

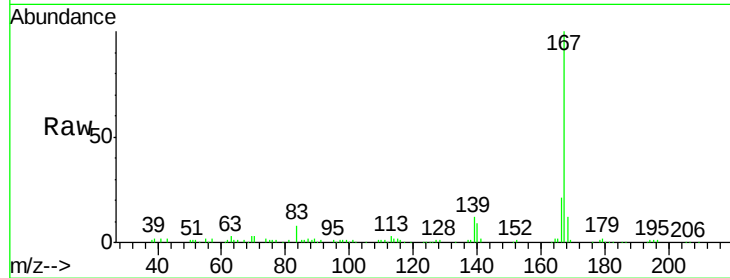
ClientSampleId :

E2-V9-BASE

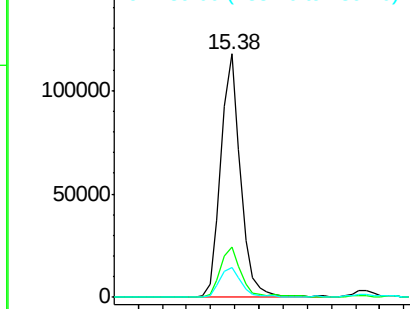
Tgt Ion:	167	Resp:	133664
Ion Ratio	Lower	Upper	
167	100		
166	20.9	18.1	27.1
139	12.3	11.7	17.5

Manual Integrations
APPROVED

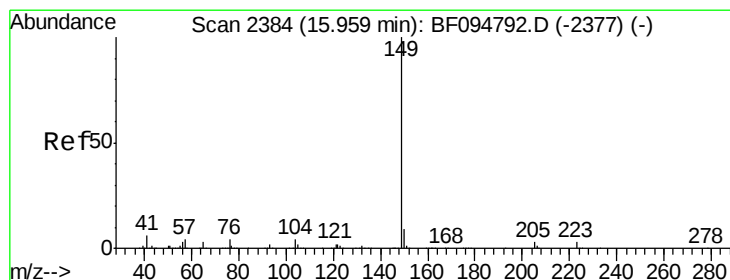
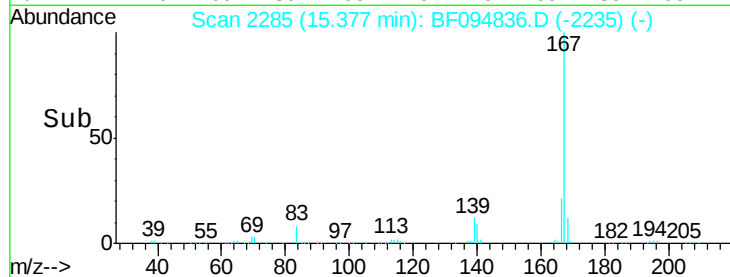
mohammad
5/4/2017 1:45:59 PM



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



Time--> 15.30 15.40 15.50



#73

Di-n-butylphthalate

Concen: 0.106 ng

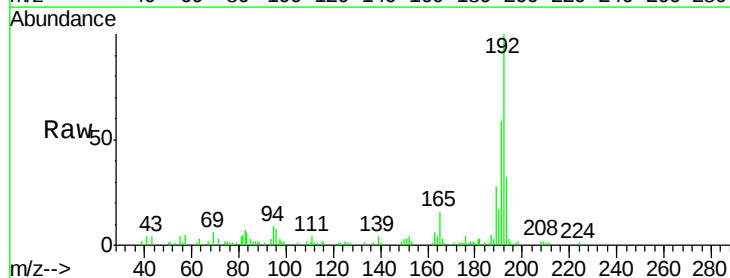
RT: 15.94 min Scan# 2381

Delta R.T. -0.02 min

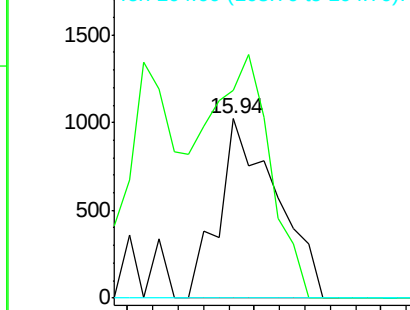
Lab File: BF094836.D

Acq: 3 May 2017 15:17

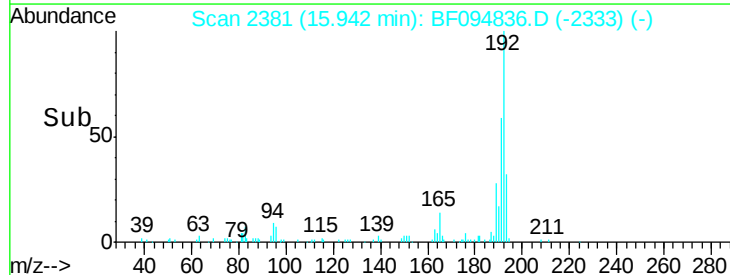
Tgt Ion:	149	Resp:	1608
Ion Ratio	Lower	Upper	
149	100		
150	116.0	7.7	11.5#
104	0.0	4.0	6.0#

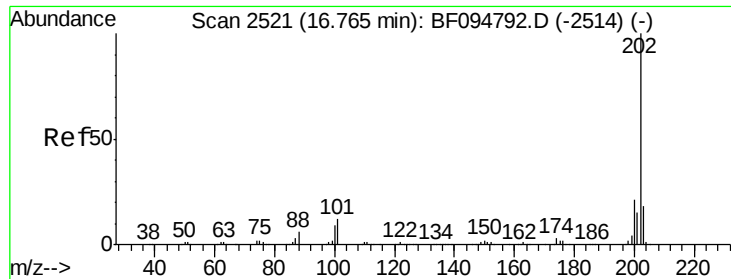


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time--> 15.90 15.95 16.00





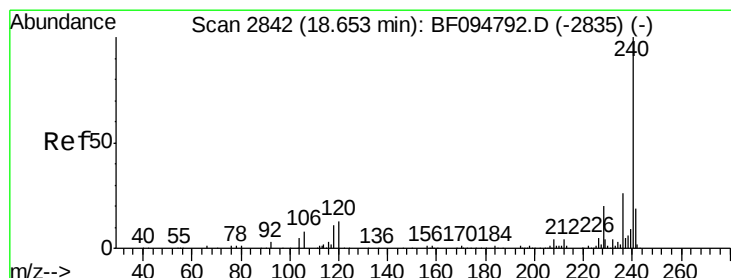
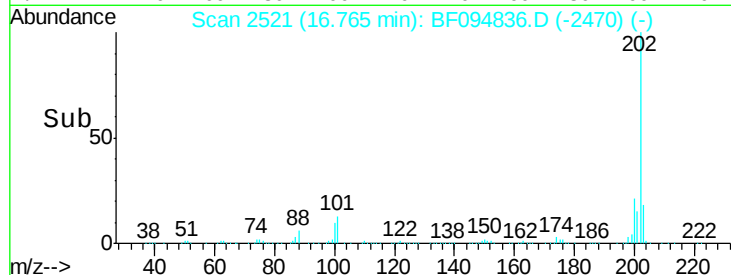
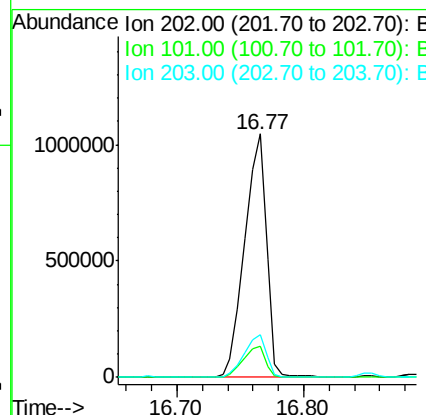
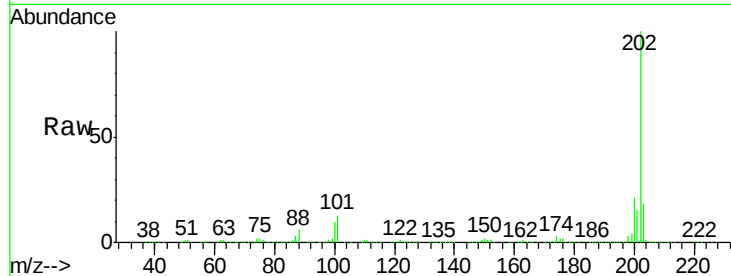
#74
 Fluoranthene
 Concen: 93.315 ng
 RT: 16.77 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1250477		
101	12.8	0.0	33.2	
203	17.6	0.0	38.1	

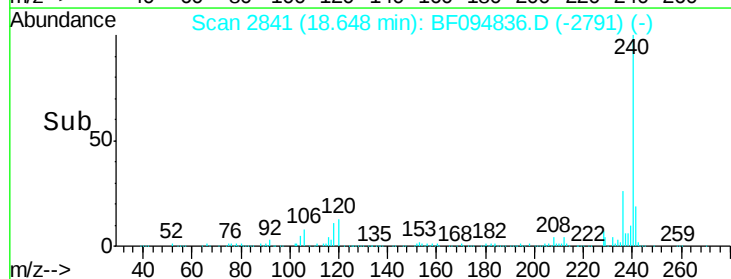
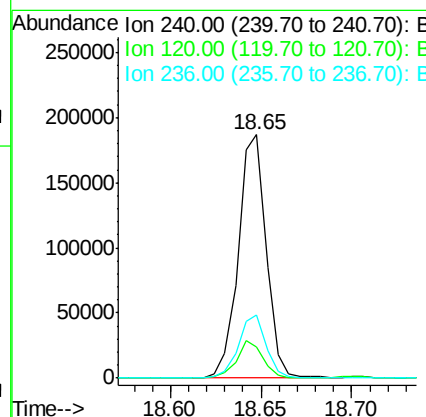
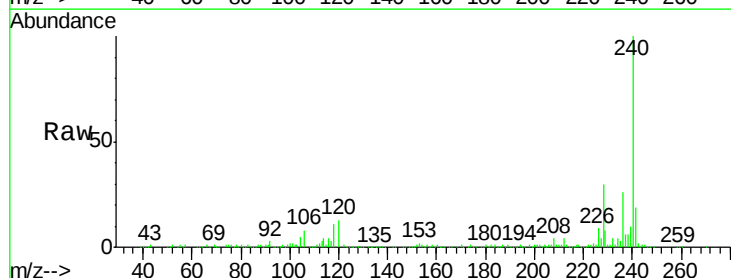
Manual Integrations
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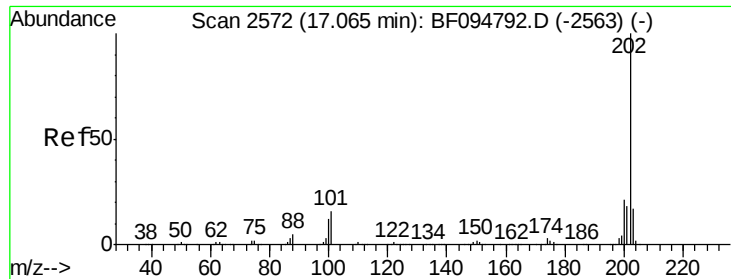
mohammad
 5/4/2017 1:45:59 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	200440		
120	12.6	5.8	8.8#	
236	25.7	20.5	30.7	





#77

Pyrene

Concen: 71.954 ng

RT: 17.07 min Scan# 2572

Delta R.T. 0.00 min

Lab File: BF094836.D

Acq: 3 May 2017 15:17

Instrument :

BNA_F

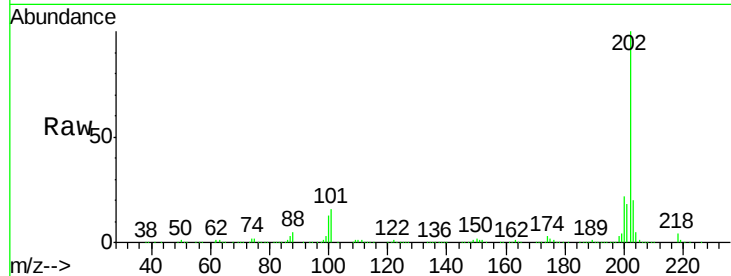
ClientSampleId :

E2-V9-BASE

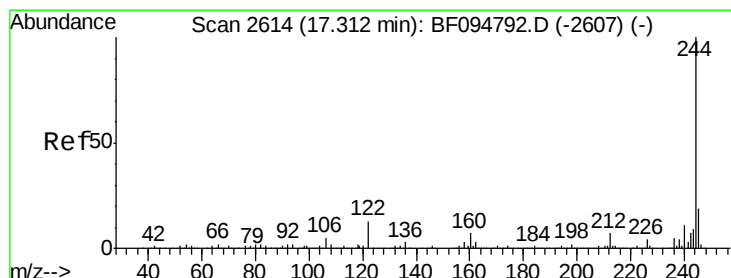
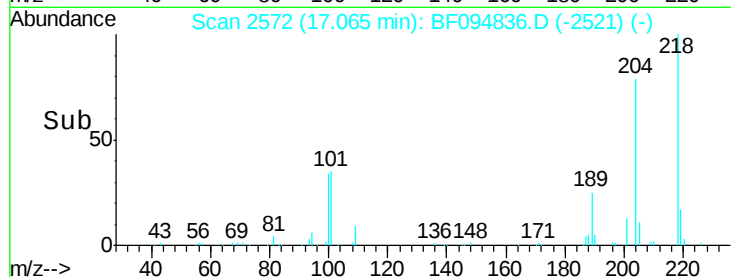
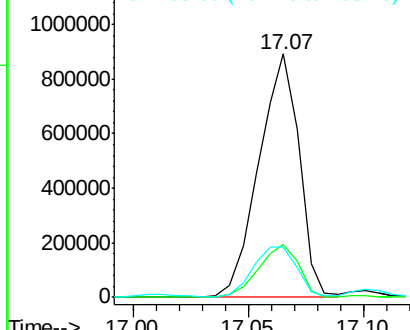
Tgt Ion:	202	Resp:	1078645
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	20.5	14.4	21.6

Manual Integrations
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mohammad
5/4/2017 1:45:59 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 5.364 ng

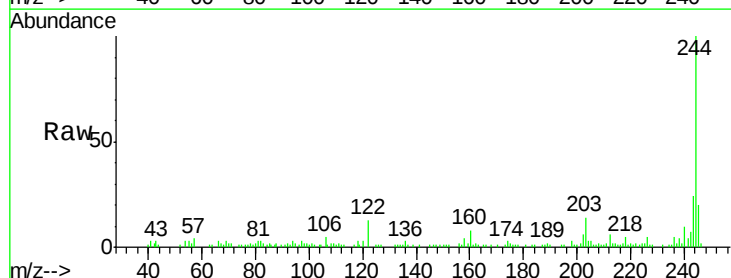
RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

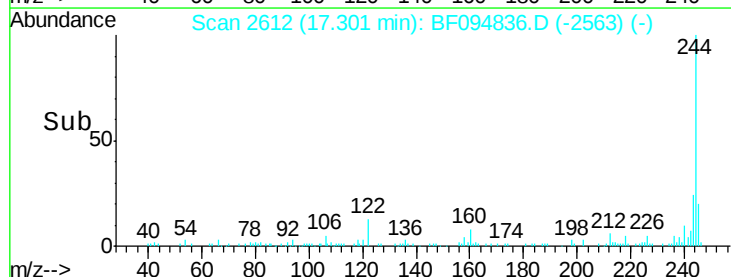
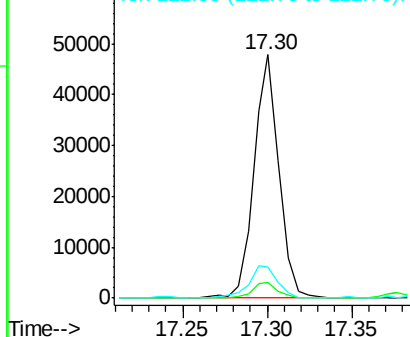
Lab File: BF094836.D

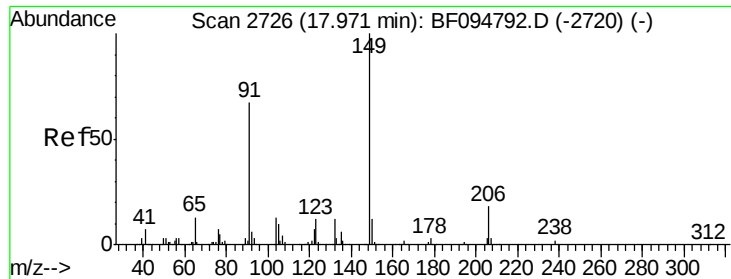
Acq: 3 May 2017 15:17

Tgt Ion:	244	Resp:	48815
Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	12.9	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.019 ng

RT: 17.95 min Scan# 2723

Delta R.T. -0.02 min

Lab File: BF094836.D

Acq: 3 May 2017 15:17

Instrument :

BNA_F

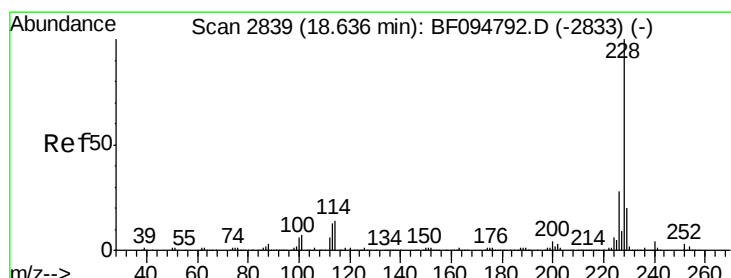
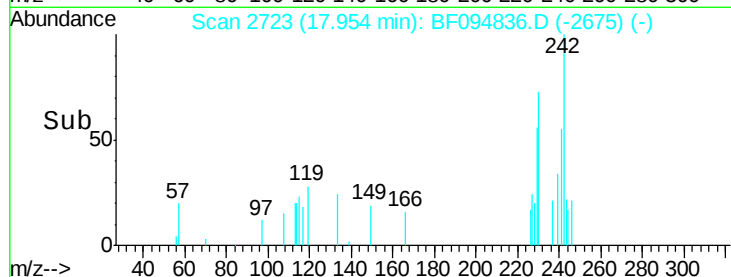
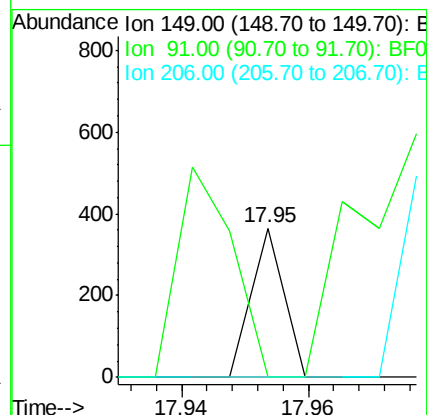
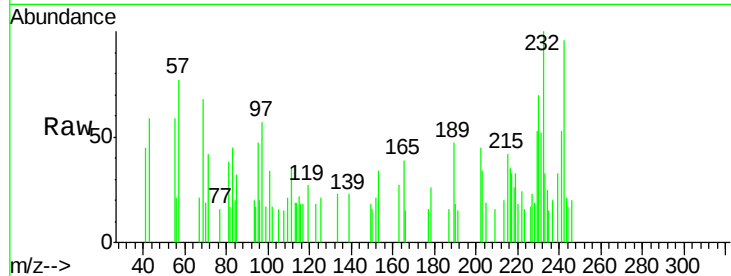
ClientSampleId :

E2-V9-BASE

Tgt Ion:	149	Resp:	129
Ion Ratio	Lower	Upper	
149	100		
91	0.0	45.0	67.4#
206	0.0	17.0	25.6#

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#80

Benzo(a)anthracene

Concen: 37.964 ng

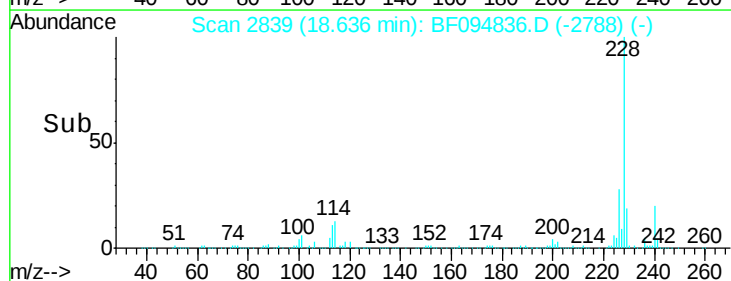
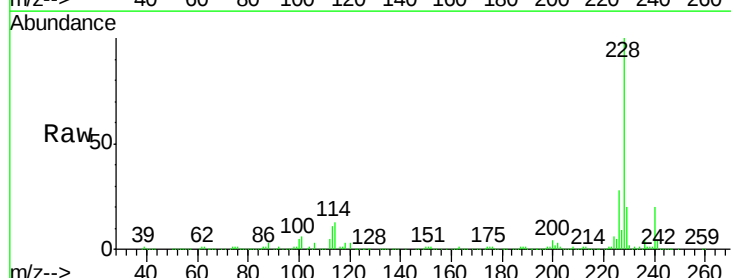
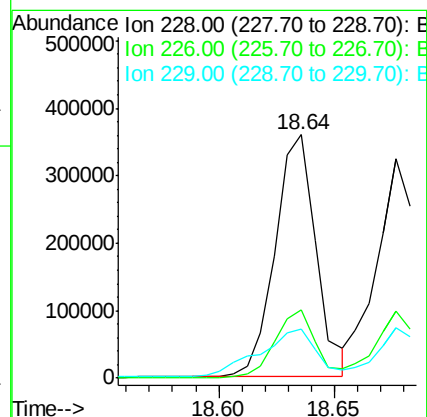
RT: 18.64 min Scan# 2839

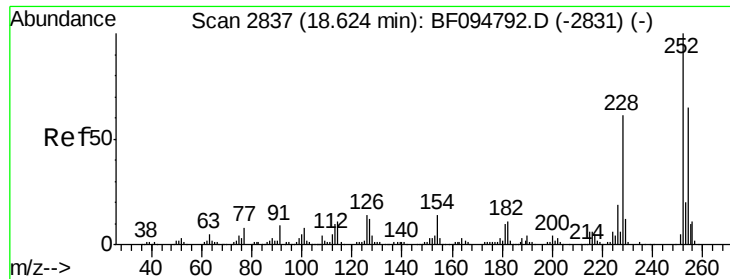
Delta R.T. 0.00 min

Lab File: BF094836.D

Acq: 3 May 2017 15:17

Tgt Ion:	228	Resp:	442868
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	19.9	16.3	24.5





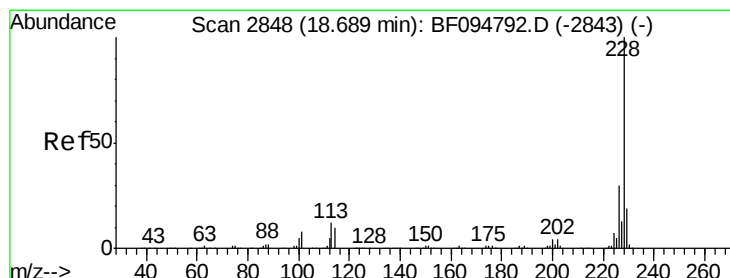
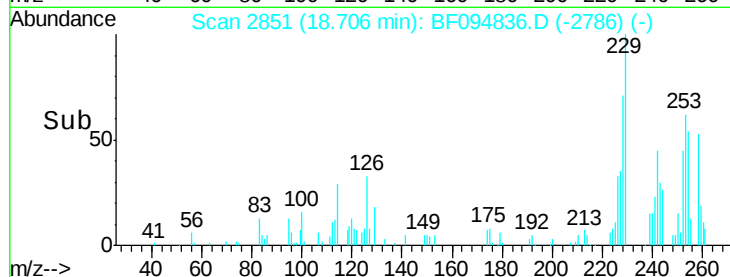
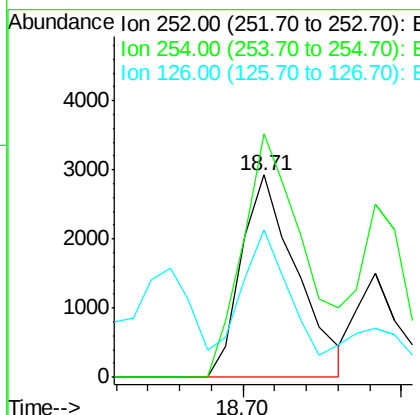
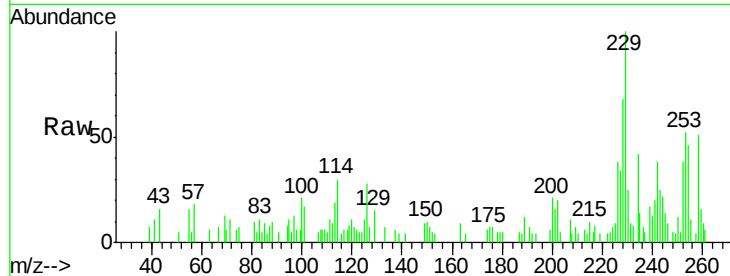
#81
 3,3'-Dichlorobenzidine
 Concen: 0.879 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. 0.08 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	3543		
254	120.5	51.5	77.3#	
126	72.8	15.8	23.8#	

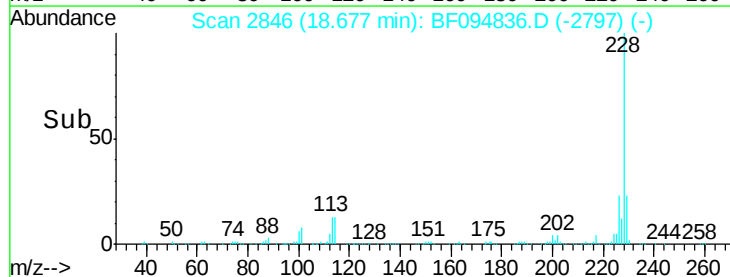
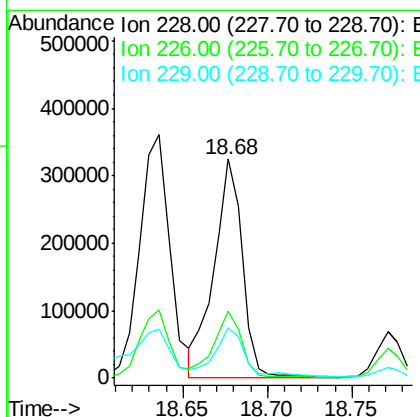
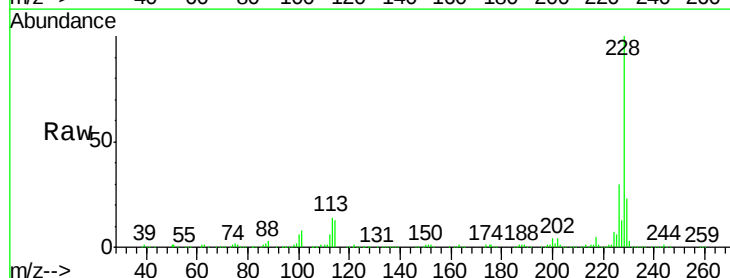
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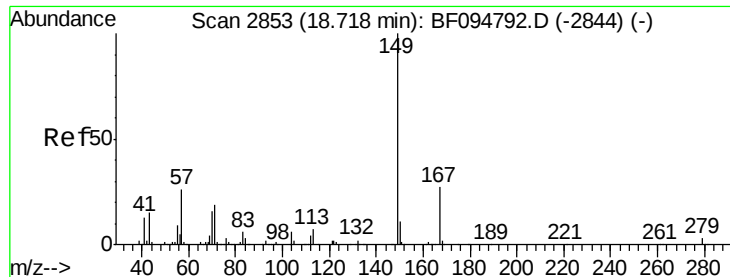
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#82
 Chrysene
 Concen: 33.581 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	378786		
226	30.4	24.9	37.3	
229	22.8	15.8	23.6	





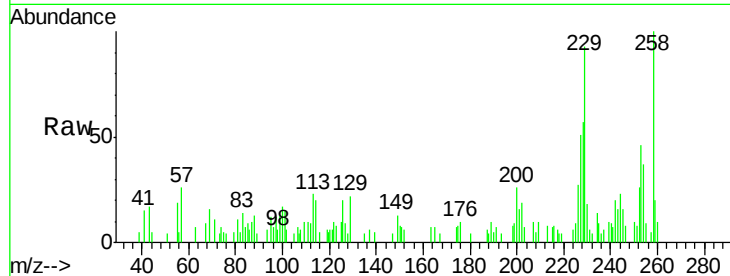
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.125 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-BASE

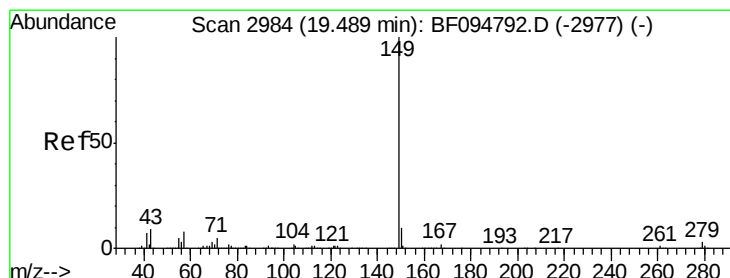
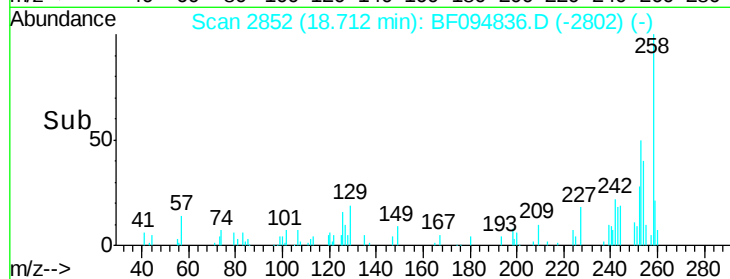
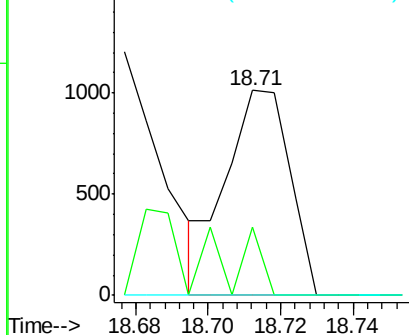
Tgt Ion:	149	Resp:	1240
Ion Ratio	Lower	Upper	
149	100		
167	33.3	21.0	31.4#
279	0.0	1.9	2.9#

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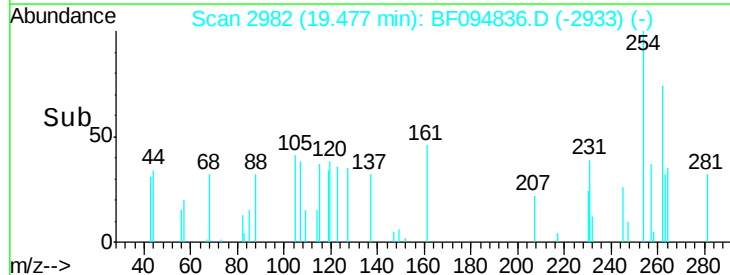
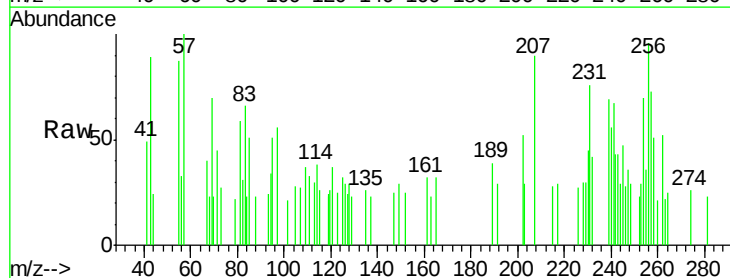
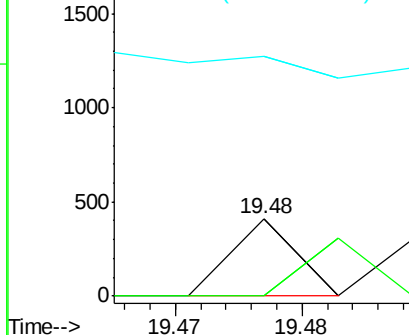
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

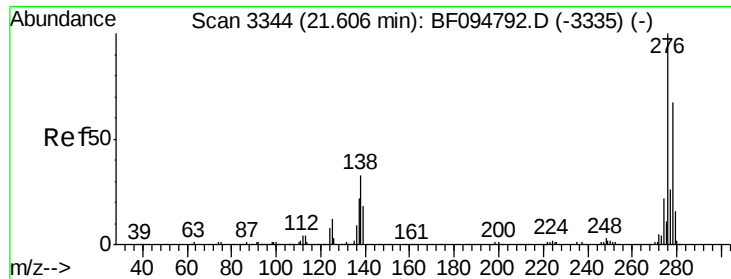


#84
 Di-n-octyl phthalate
 Concen: 0.009 ng
 RT: 19.48 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Tgt Ion:	149	Resp:	145
Ion Ratio	Lower	Upper	
149	100		
167	74.5	1.2	1.8#
43	528.3	8.5	12.7#

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





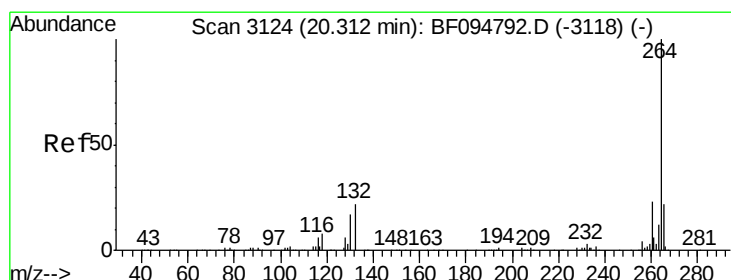
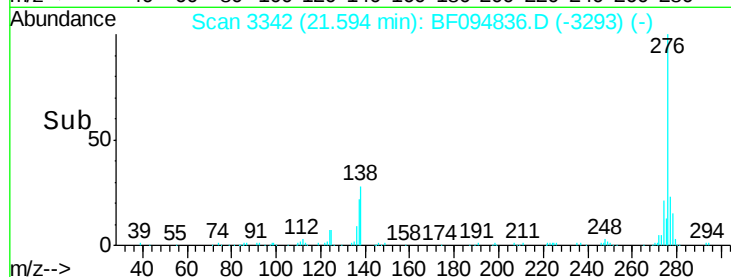
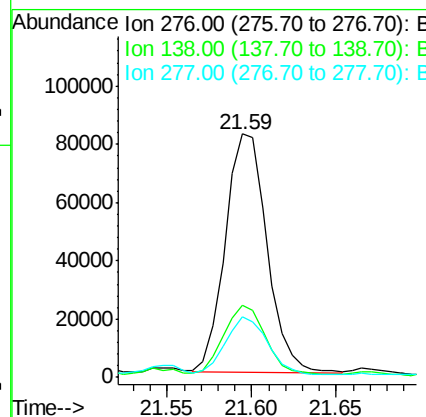
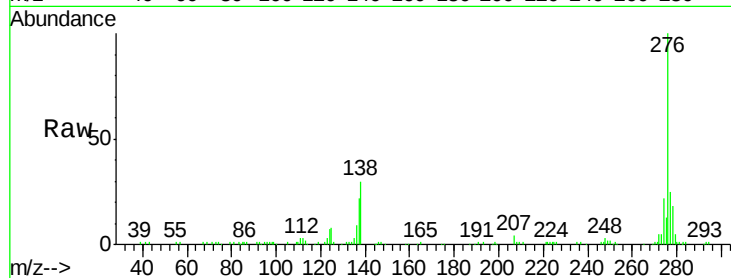
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.264 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
E2-V9-BASE

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	139816		
138	30.6	27.8	41.6	
277	24.5	20.2	30.4	

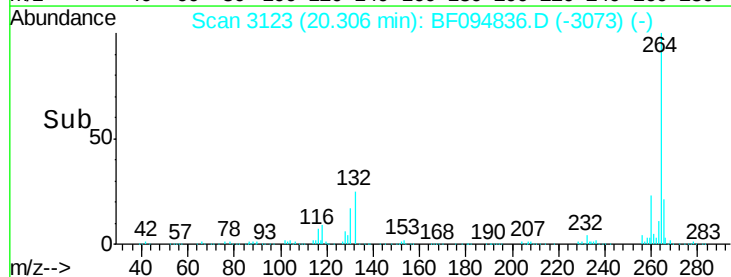
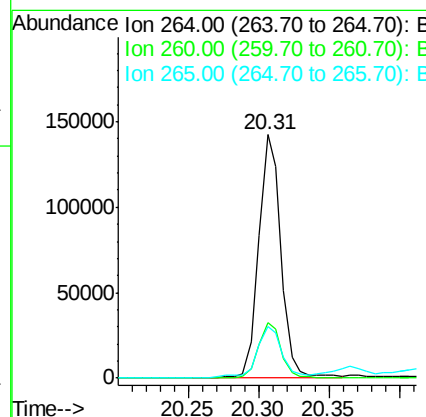
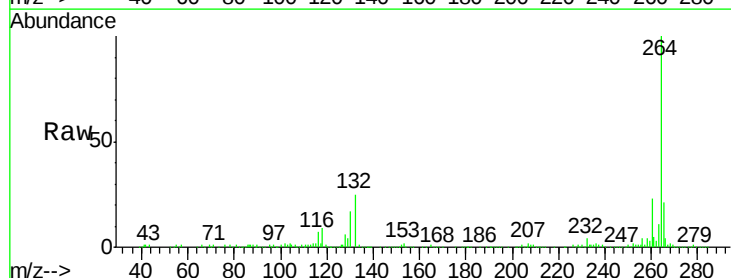
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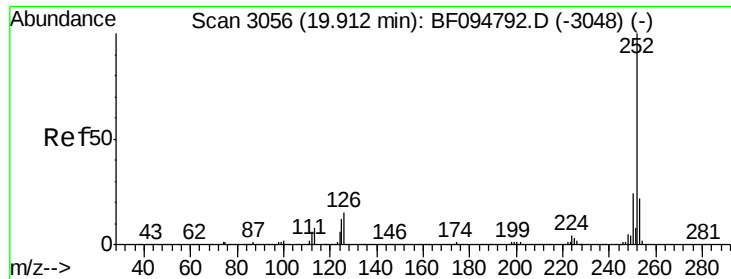
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#86
Perylene-d12
Concen: 20.000 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	159474		
260	22.9	19.5	29.3	
265	21.3	17.2	25.8	





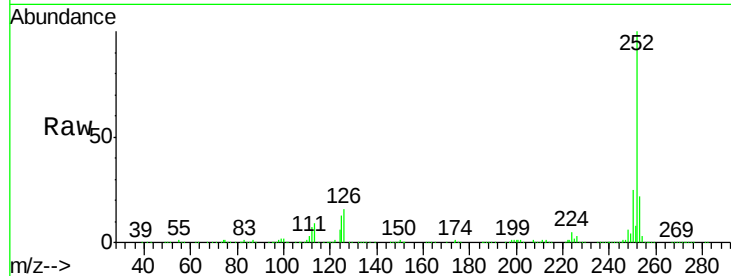
#87
Benzo(b)fluoranthene
Concen: 42.496 ng m
RT: 19.91 min Scan# 3055
Delta R.T. -0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
E2-V9-BASE

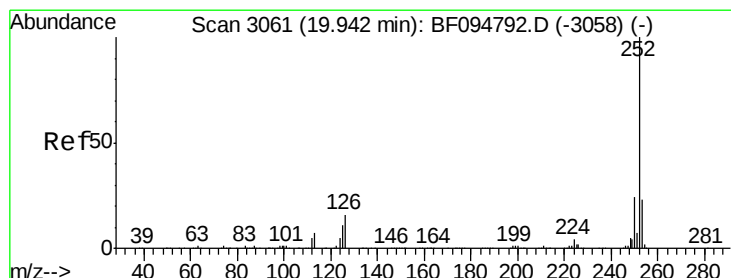
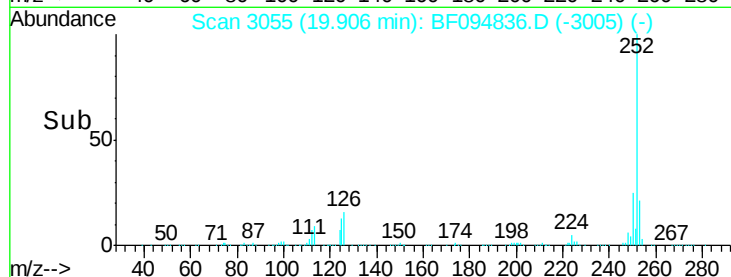
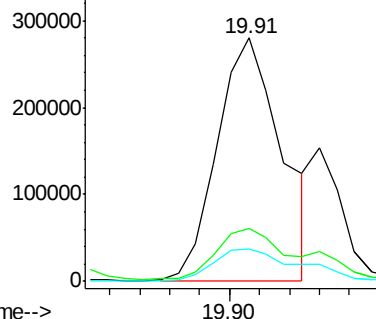
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	13.3	9.8	14.8

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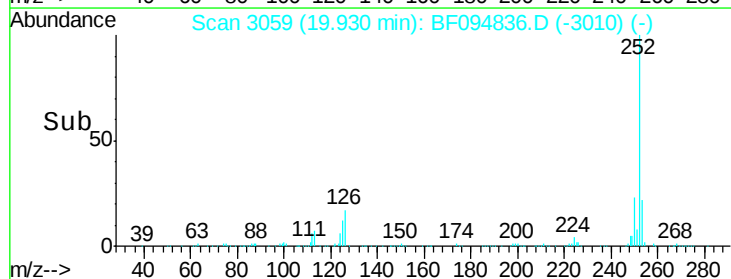
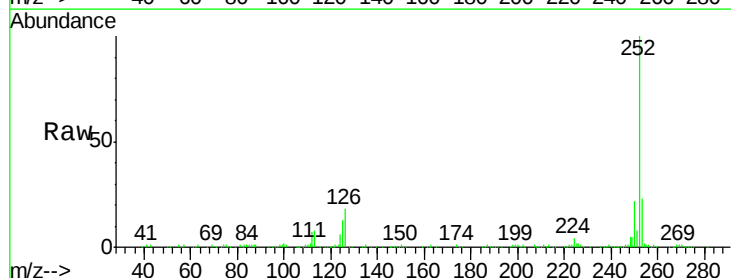
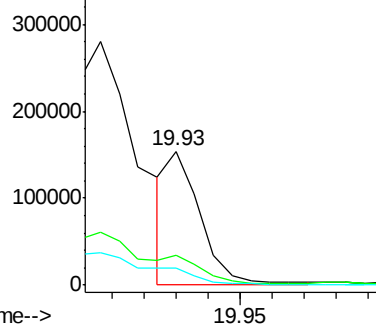
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

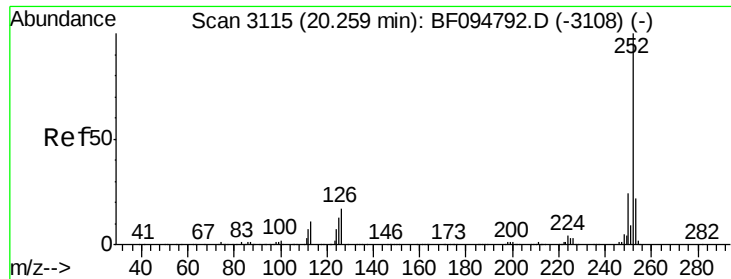


#88
Benzo(k)fluoranthene
Concen: 11.857 ng m
RT: 19.93 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	12.6	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





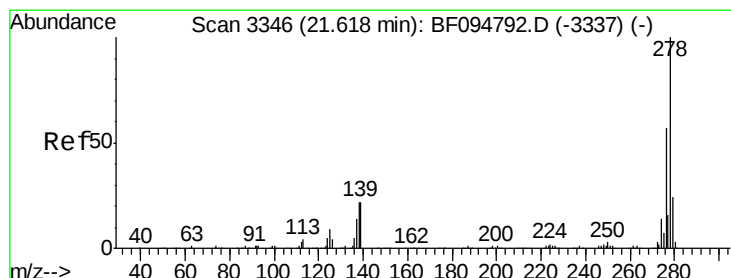
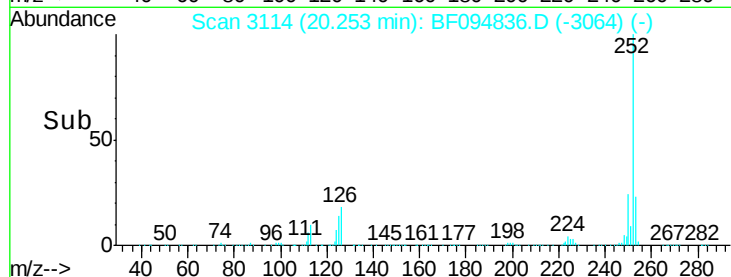
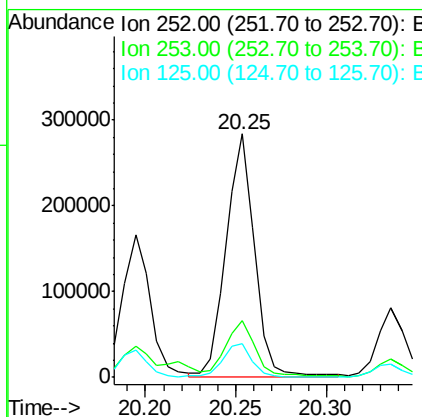
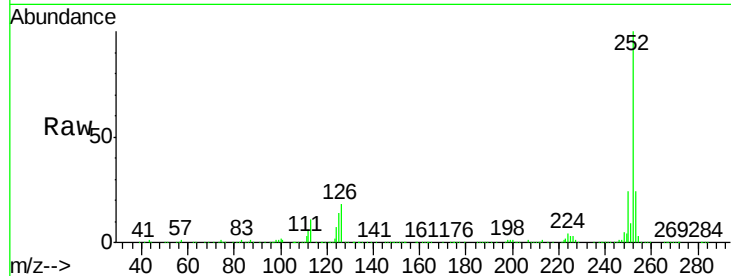
#89
Benzo(a)pyrene
Concen: 33.768 ng
RT: 20.25 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Instrument :
BNA_F
ClientSampleId :
E2-V9-BASE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	14.0	11.0	16.4

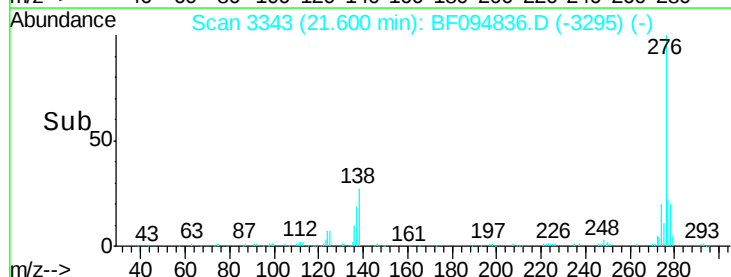
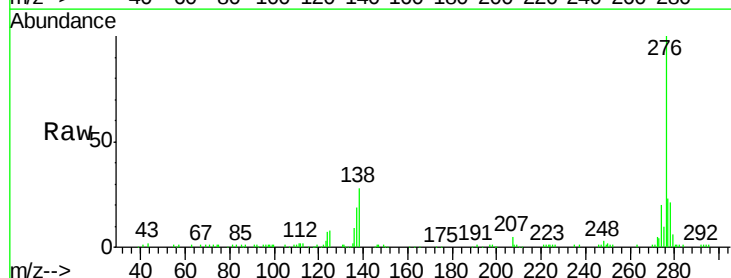
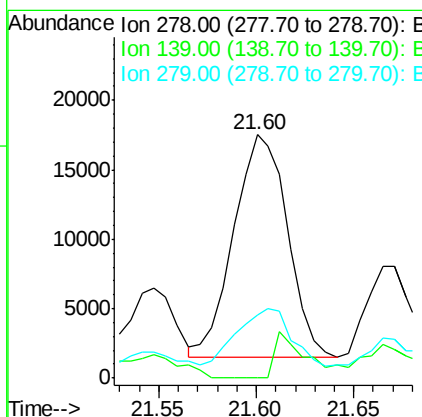
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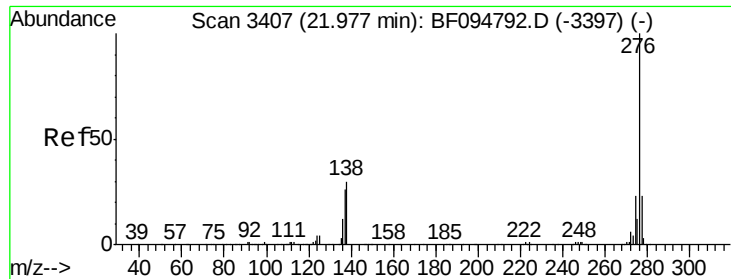
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#90
Dibenzo(a,h)anthracene
Concen: 4.141 ng m
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094836.D
Acq: 3 May 2017 15:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	26.1	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 18.708 ng
 RT: 21.97 min Scan# 3406
 Delta R.T. -0.01 min
 Lab File: BF094836.D
 Acq: 3 May 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-BASE

Tgt	Ion	276	Resp:	137865
Ion	Ratio	Lower	Upper	
276	100			
277	25.1	18.6	28.0	
138	28.8	25.4	38.0	

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