

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
 Data File : BF094935.D
 Acq On : 6 May 2017 1:00
 Operator : SJ/MA
 Sample : I2950-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MSD

Manual Integrations
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Quant Time: May 06 01:32:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	92363	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	382105	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	179374	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	334380	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	277380	20.00	ng	-0.01
86) Perylene-d12	20.30	264	194305	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	634948	114.61	ng	0.00
7) Phenol-d6	7.27	99	765905	115.22	ng	-0.01
23) Nitrobenzene-d5	8.62	82	453074	74.77	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	172120	117.17	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	941842	75.58	ng	-0.01
78) Terphenyl-d14	17.30	244	784384	62.28	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	81679	30.06	ng	93
3) Pyridine	2.84	79	110423	17.54	ng	98
4) n-Nitrosodimethylamine	2.74	42	88901	33.87	ng	85
6) Aniline	7.22	93	156838	18.69	ng	95
8) 2-Chlorophenol	7.41	128	236102	37.44	ng	94
9) Benzaldehyde	7.05	77	39513	9.74	ng	99
10) Phenol	7.28	94	274317	39.16	ng	91
11) bis(2-Chloroethyl)ether	7.36	93	209689	36.26	ng	95
12) 1,3-Dichlorobenzene	7.62	146	250274	34.99	ng	99
13) 1,4-Dichlorobenzene	7.75	146	258614	35.65	ng	96
14) 1,2-Dichlorobenzene	7.98	146	251931	37.21	ng	95
15) Benzyl Alcohol	8.01	79	189342	44.29	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	290186	35.46	ng	# 47
17) 2-Methylphenol	8.22	107	194718	37.73	ng	# 89
18) Hexachloroethane	8.50	117	83790	34.10	ng	# 82
19) n-Nitroso-di-n-propylamine	8.43	70	161185	35.85	ng	91
20) 3+4-Methylphenols	8.48	107	249809	35.63	ng	# 60
22) Acetophenone	8.40	105	324064	35.35	ng	# 84
24) Nitrobenzene	8.65	77	230967	36.36	ng	92
25) Isophorone	9.05	82	416201	38.47	ng	96
26) 2-Nitrophenol	9.16	139	128184	37.40	ng	99
27) 2,4-Dimethylphenol	9.30	122	199612	36.02	ng	97
28) bis(2-Chloroethoxy)methane	9.42	93	268181	35.83	ng	99
29) 2,4-Dichlorophenol	9.58	162	196641	37.58	ng	98
30) 1,2,4-Trichlorobenzene	9.67	180	198900	35.48	ng	99
31) Naphthalene	9.78	128	676985	35.25	ng	100
32) Benzoic acid	9.55	122	40637	15.07	ng	92
33) 4-Chloroaniline	9.94	127	41316	5.77	ng	94
34) Hexachlorobutadiene	10.00	225	94630	32.00	ng	96
35) Caprolactam	10.52	113	54320m	34.58	ng	
36) 4-Chloro-3-methylphenol	10.77	107	210402	37.61	ng	91
37) 2-Methylnaphthalene	10.90	142	473141	37.54	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	189057	34.27	ng	99
40) Hexachlorocyclopentadiene	11.16	237	150981	66.23	ng	99

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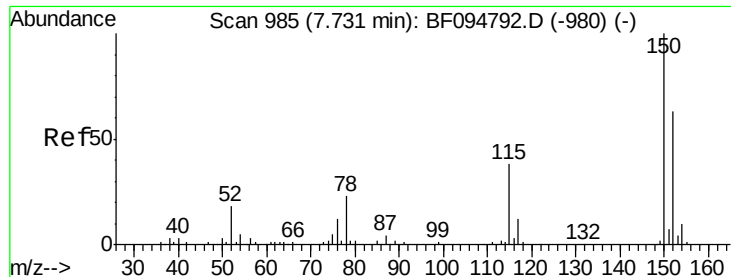
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	134874	36.62	ng	99
43) 2,4,5-Trichlorophenol	11.48	196	144643	36.54	ng	91
45) 1,1'-Biphenyl	11.67	154	554173	36.69	ng	98
46) 2-Chloronaphthalene	11.68	162	436513	35.80	ng	95
47) 2-Nitroaniline	11.89	65	123286	36.94	ng	# 82
48) Acenaphthylene	12.34	152	724225	37.92	ng	99
49) Dimethylphthalate	12.21	163	696740	47.31	ng	100
50) 2,6-Dinitrotoluene	12.30	165	119811	39.88	ng	92
51) Acenaphthene	12.62	154	421520	36.95	ng	99
52) 3-Nitroaniline	12.58	138	63602	19.73	ng	# 87
53) 2,4-Dinitrophenol	12.77	184	85026	53.62	ng	# 64
54) Dibenzofuran	12.91	168	633111	40.10	ng	97
55) 4-Nitrophenol	12.95	139	148500	76.68	ng	# 74
56) 2,4-Dinitrotoluene	12.97	165	152166	39.42	ng	# 87
57) Fluorene	13.47	166	502691	36.62	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	106705	42.83	ng	# 95
59) Diethylphthalate	13.37	149	507555	35.96	ng	98
60) 4-Chlorophenyl-phenylether	13.49	204	218235	36.17	ng	89
61) 4-Nitroaniline	13.57	138	107522	36.32	ng	98
62) Azobenzene	13.75	77	461154	40.66	ng	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	74142	33.08	ng	# 70
65) n-Nitrosodiphenylamine	13.70	169	419495	34.57	ng	99
66) 4-Bromophenyl-phenylether	14.28	248	122525	34.68	ng	96
67) Hexachlorobenzene	14.36	284	124014	34.25	ng	# 85
68) Atrazine	14.62	200	128479	37.50	ng	99
69) Pentachlorophenol	14.71	266	103944	64.71	ng	97
70) Phenanthrene	15.01	178	691128	35.97	ng	98
71) Anthracene	15.09	178	722008	36.79	ng	99
72) Carbazole	15.37	167	676992	37.91	ng	98
73) Di-n-butylphthalate	15.94	149	783306	35.18	ng	99
74) Fluoranthene	16.75	202	718990	36.48	ng	98
76) Benzidine	17.00	184	6945	7.39	ng	# 91
77) Pyrene	17.05	202	749492	36.13	ng	99
79) Butylbenzylphthalate	17.96	149	333585	34.57	ng	91
80) Benzo(a)anthracene	18.63	228	583777	36.16	ng	97
81) 3,3'-Dichlorobenzidine	18.61	252	110301	19.78	ng	# 97
82) Chrysene	18.67	228	552563	35.40	ng	100
83) Bis(2-ethylhexyl)phthalate	18.70	149	478861	34.83	ng	# 99
84) Di-n-octyl phthalate	19.47	149	775470	34.40	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	385559	30.42	ng	100
87) Benzo(b)fluoranthene	19.89	252	499133	41.57	ng	98
88) Benzo(k)fluoranthene	19.92	252	477716	41.25	ng	97
89) Benzo(a)pyrene	20.25	252	406519	36.69	ng	100
90) Dibenzo(a,h)anthracene	21.60	278	324863	35.50	ng	98
91) Benzo(g,h,i)perylene	21.96	276	336303	37.45	ng	97

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



#1

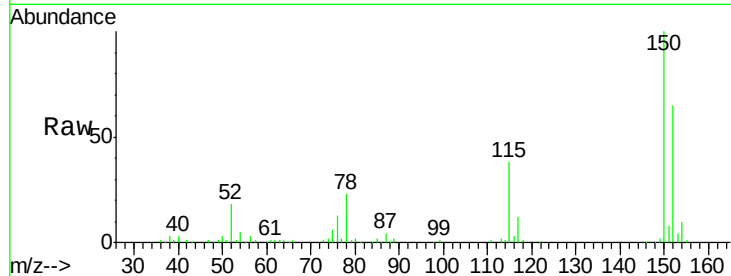
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

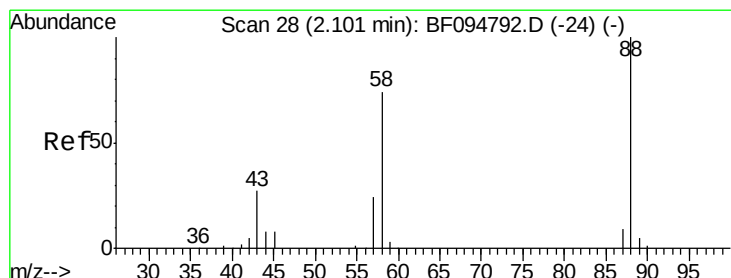
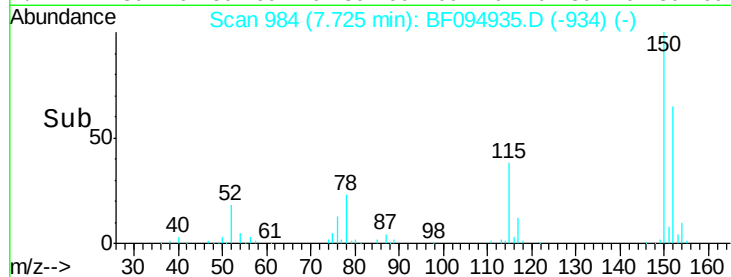
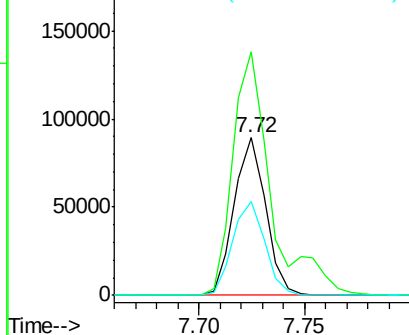
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.2
115	59.2	52.2	78.2

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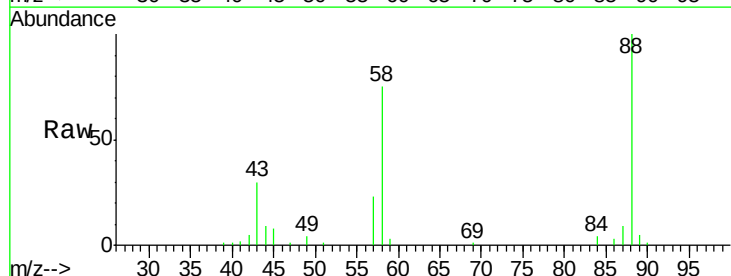
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



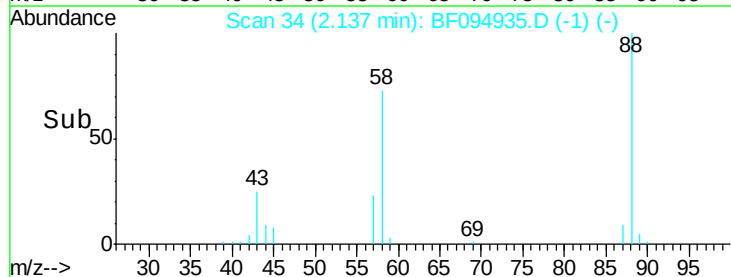
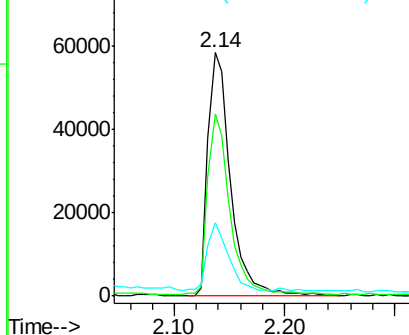
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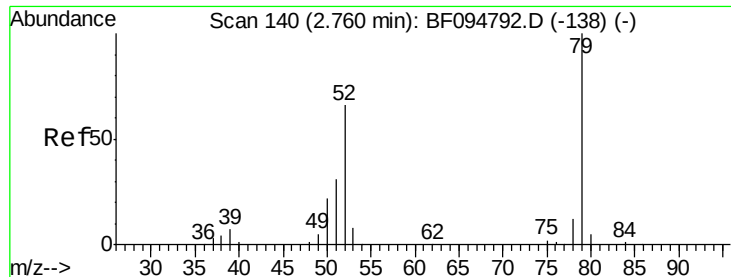
1,4-Dioxane
Concen: 30.06 ng
RT: 2.14 min Scan# 34
Delta R.T. 0.04 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.2	61.4	92.0
43	25.1	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





#3

Pyridine

Concen: 17.54 ng

RT: 2.84 min Scan# 153

Delta R.T. 0.08 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

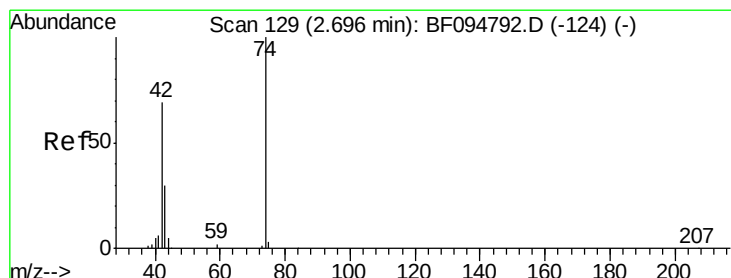
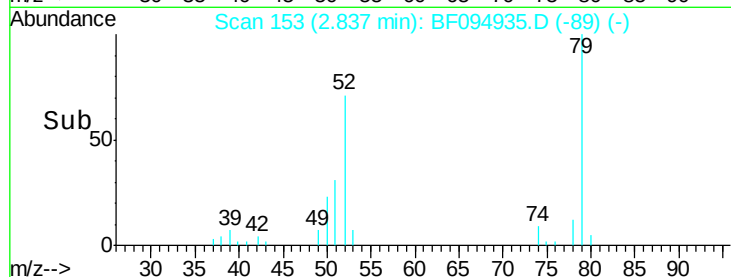
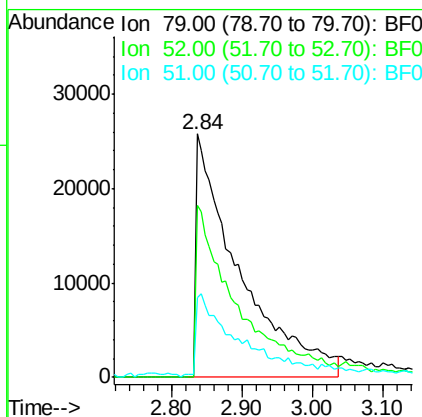
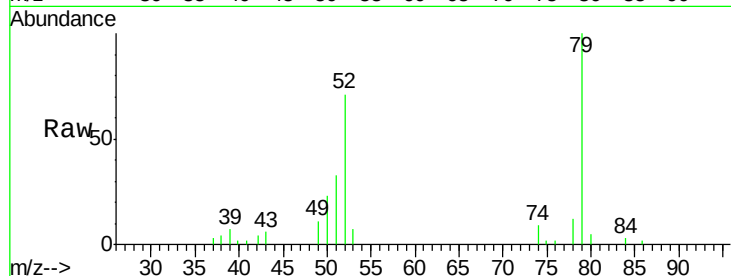
ClientSampleId :

SB-8(13-15)20170502MSD

Tgt Ion:	79	Resp:	110423
Ion Ratio	Lower	Upper	
79	100		
52	70.7	54.8	82.2
51	32.9	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 33.87 ng

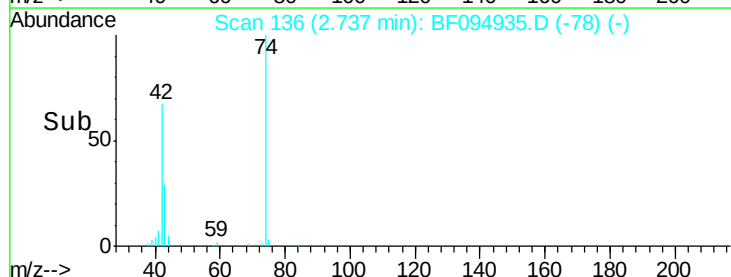
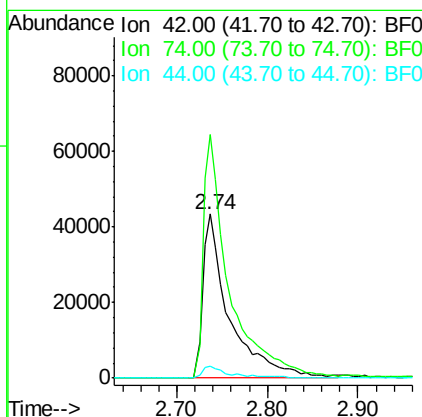
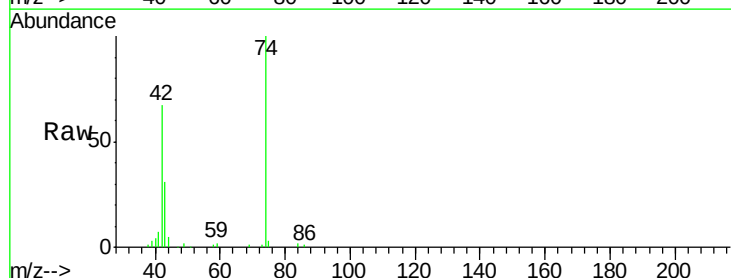
RT: 2.74 min Scan# 136

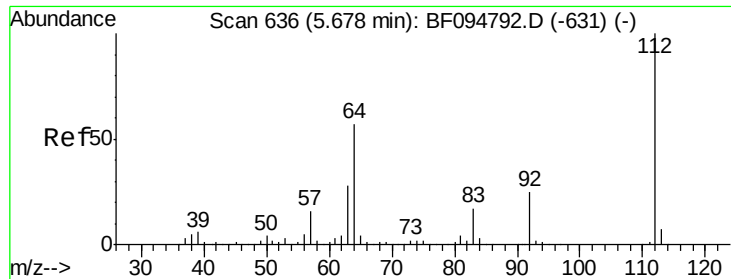
Delta R.T. 0.04 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Tgt Ion:	42	Resp:	88901
Ion Ratio	Lower	Upper	
42	100		
74	148.6	103.9	155.9
44	7.0	5.7	8.5





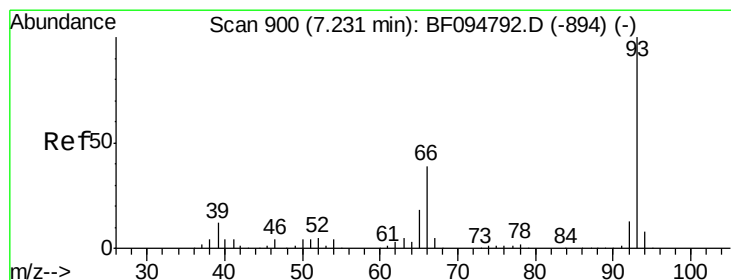
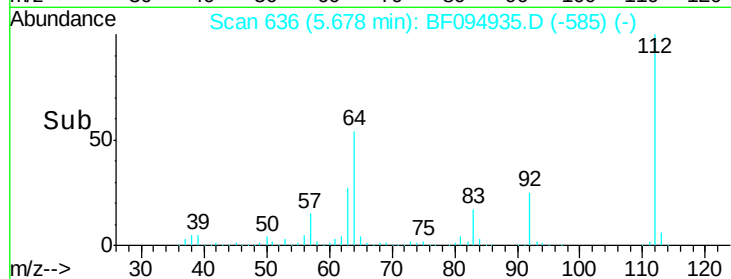
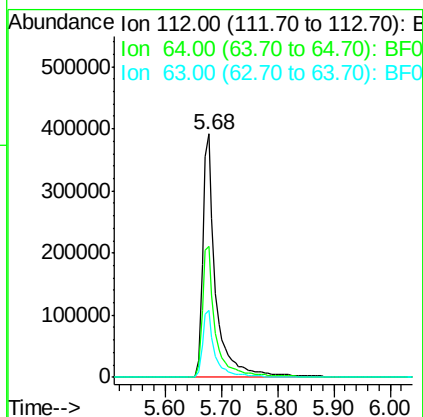
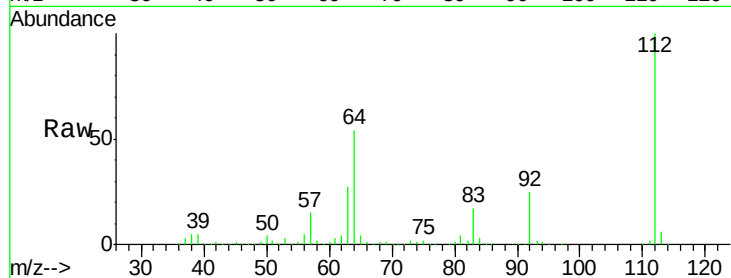
#5
 2-Fluorophenol
 Concen: 114.61 ng
 RT: 5.68 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	53.9	46.0	69.0
63	27.3	23.4	35.0

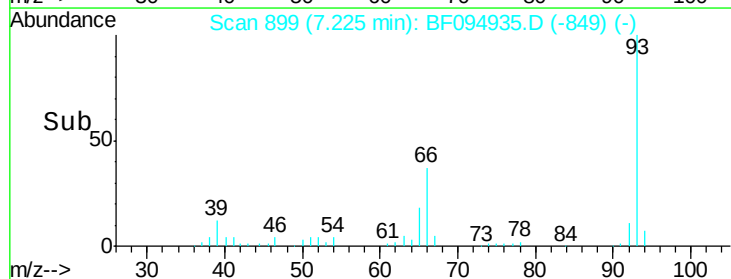
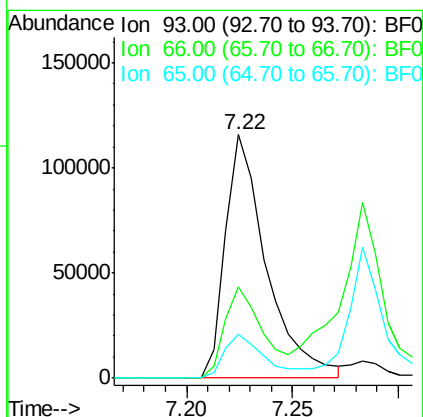
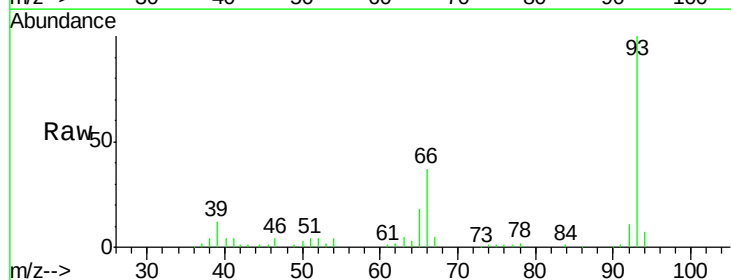
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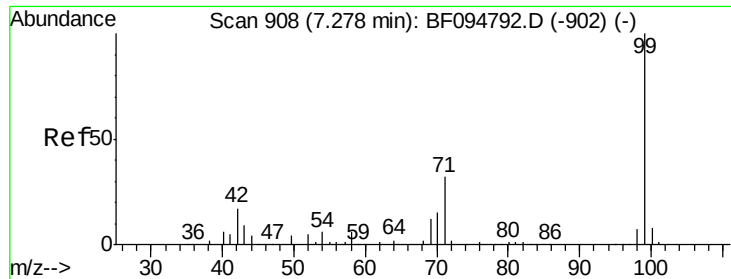
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#6
 Aniline
 Concen: 18.69 ng
 RT: 7.22 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	37.4	32.9	49.3
65	18.2	16.0	24.0





#7

Phenol-d6

Concen: 115.22 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

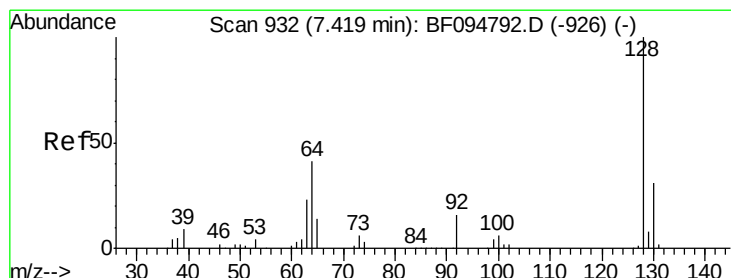
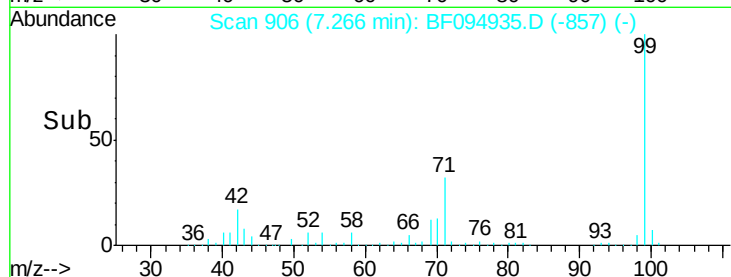
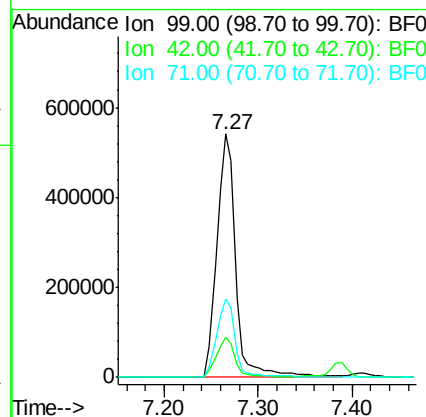
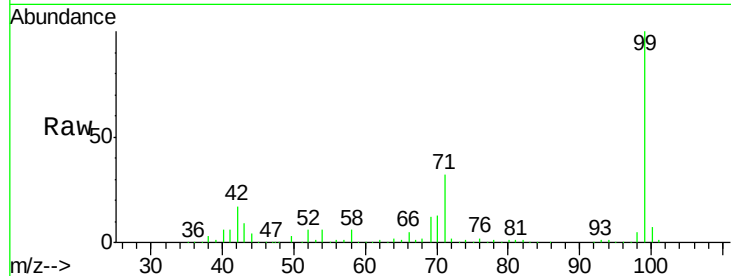
ClientSampleId :

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Tgt Ion:	99	Resp:	765905
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.5	20.3
71	32.4	24.5	36.7

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#8

2-Chlorophenol

Concen: 37.44 ng

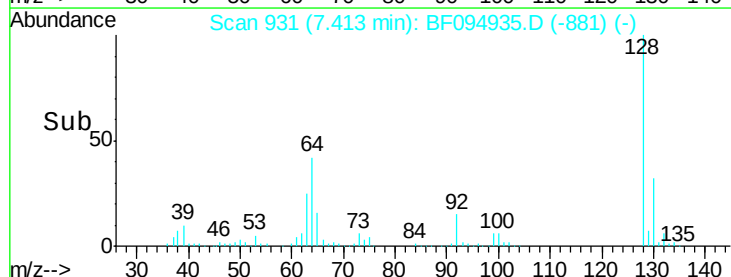
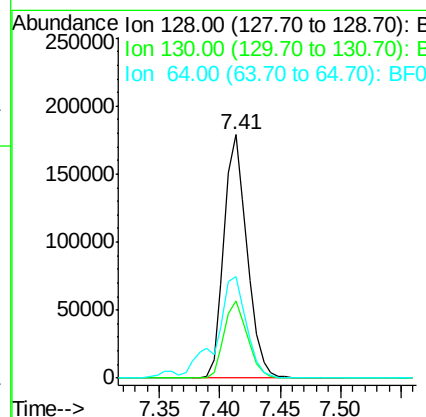
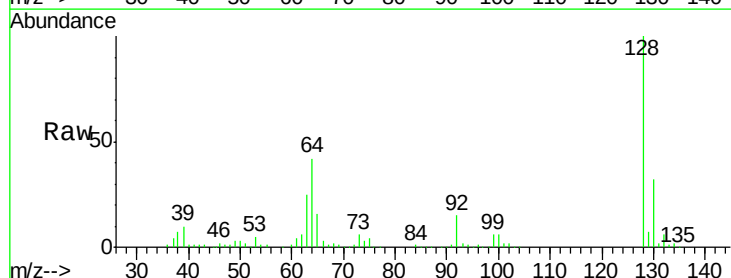
RT: 7.41 min Scan# 931

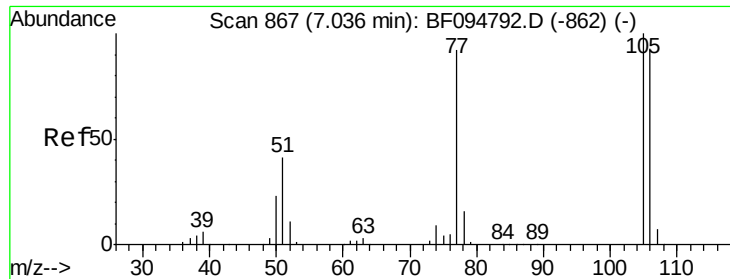
Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Tgt Ion:	128	Resp:	236102
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	41.8	28.4	68.4





#9

Benzaldehyde

Concen: 9.74 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

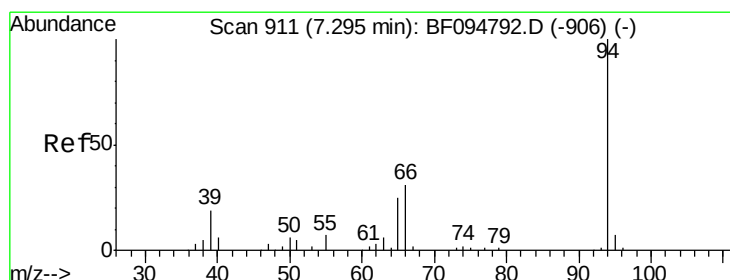
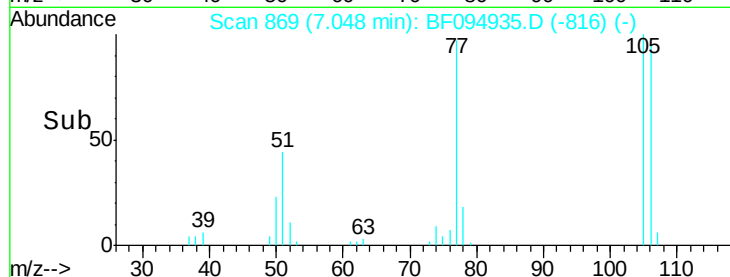
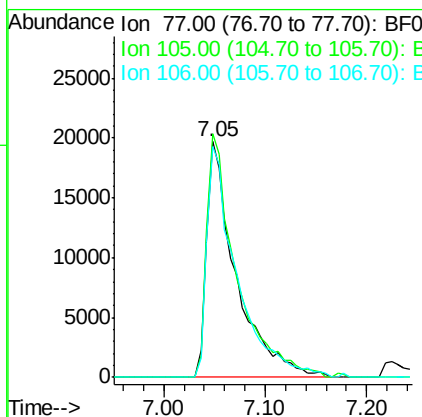
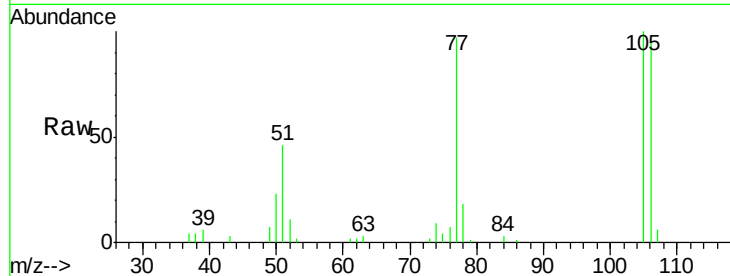
SB-8(13-15)20170502MSD

Tgt Ion: 77 Resp: 39513

Ion	Ratio	Lower	Upper
77	100		
105	103.4	83.8	123.8
106	97.9	79.1	119.1

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#10

Phenol

Concen: 39.16 ng

RT: 7.28 min Scan# 909

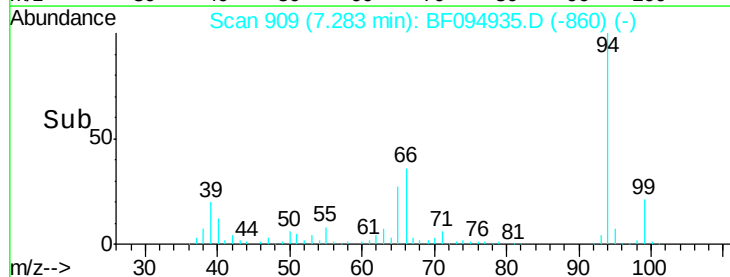
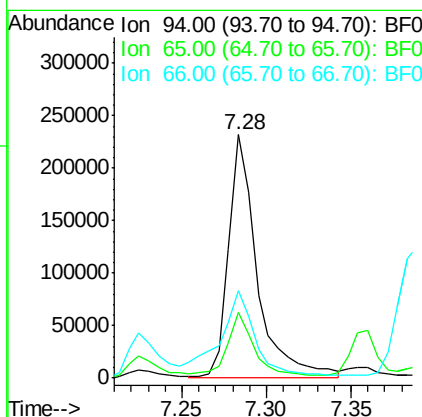
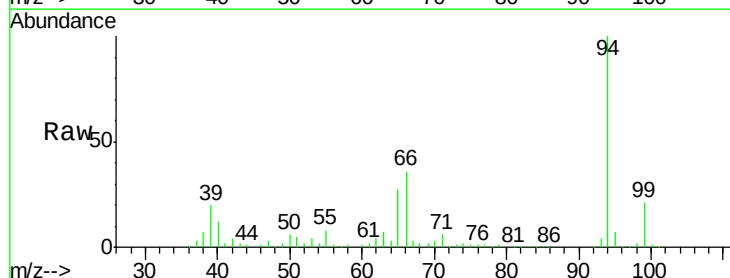
Delta R.T. -0.01 min

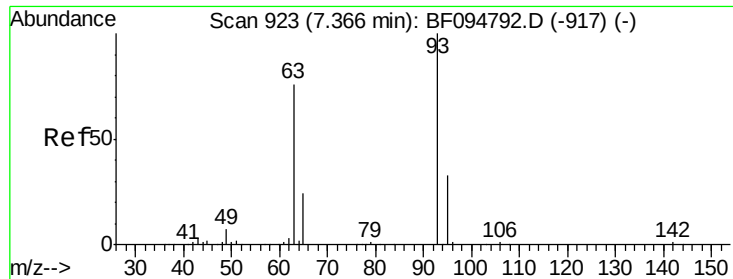
Lab File: BF094935.D

Acq: 6 May 2017 1:00

Tgt Ion: 94 Resp: 274317

Ion	Ratio	Lower	Upper
94	100		
65	26.9	9.9	49.9
66	36.2	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 36.26 ng

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

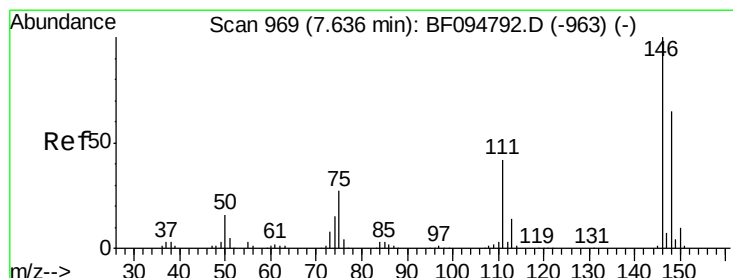
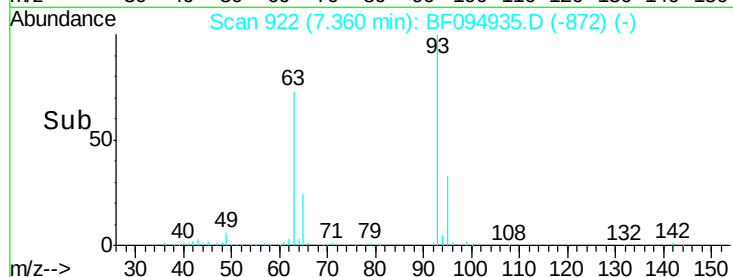
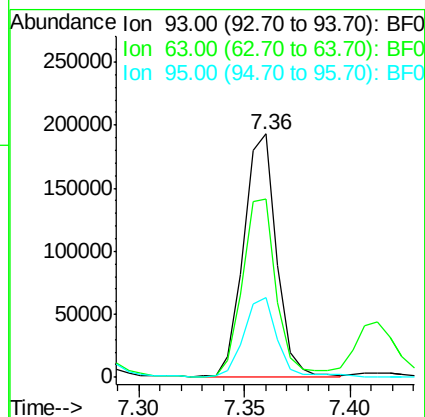
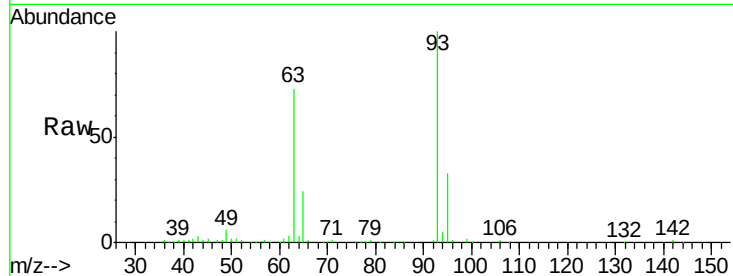
ClientSampleId :

SB-8(13-15)20170502MSD

Tgt Ion:	93	Resp:	209689
Ion Ratio	Lower	Upper	
93	100		
63	73.4	59.2	99.2
95	32.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 34.99 ng

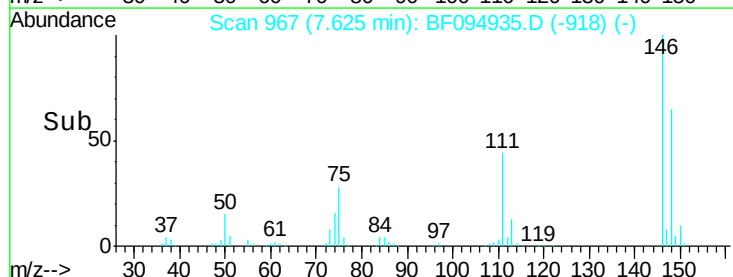
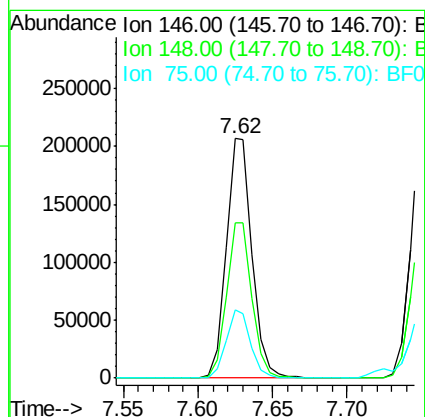
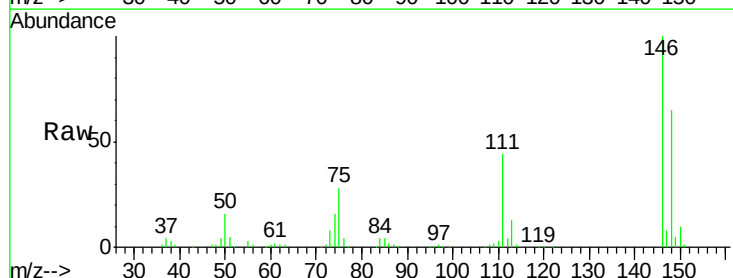
RT: 7.62 min Scan# 967

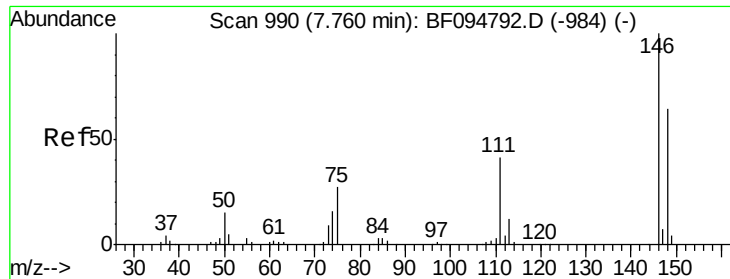
Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Tgt Ion:	146	Resp:	250274
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.8	77.6
75	28.5	23.1	34.7





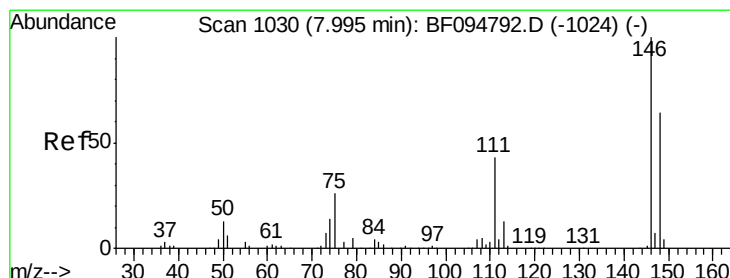
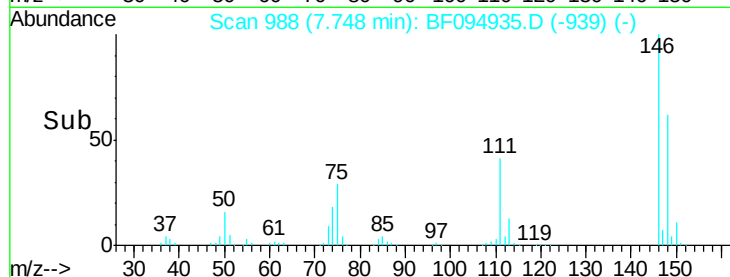
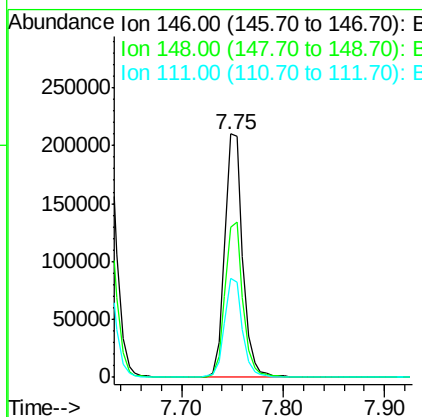
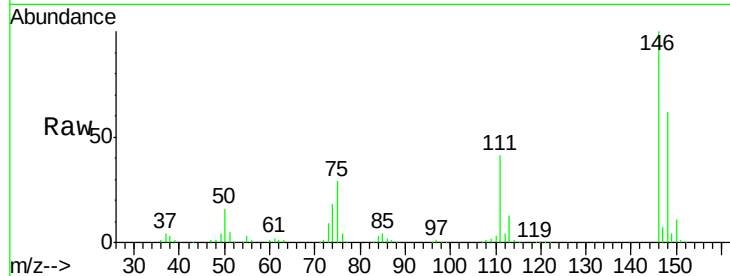
#13
 1,4-Dichlorobenzene
 Concen: 35.65 ng
 RT: 7.75 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.2	78.2
111	40.8	30.3	45.5

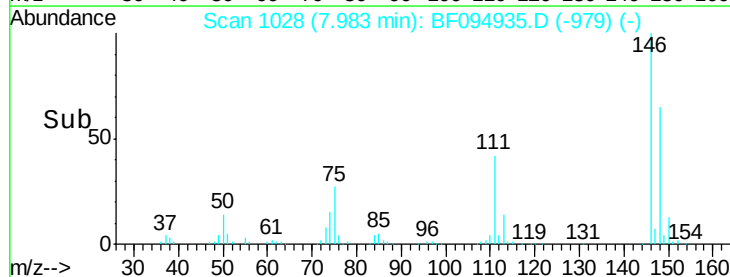
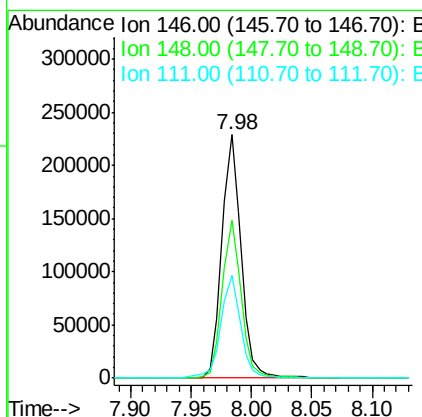
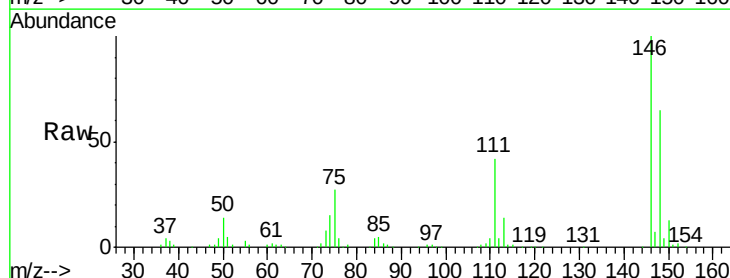
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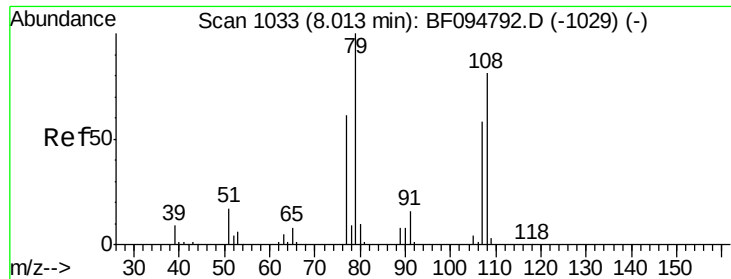
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#14
 1,2-Dichlorobenzene
 Concen: 37.21 ng
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.4	75.6
111	42.2	38.2	57.4





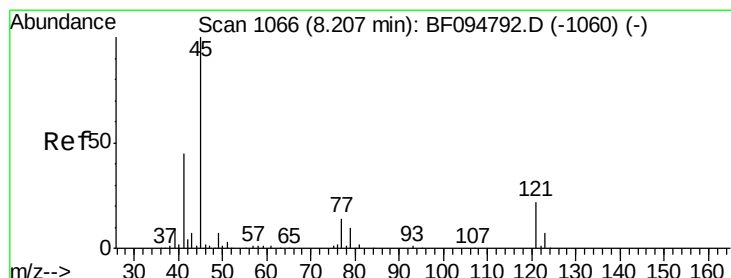
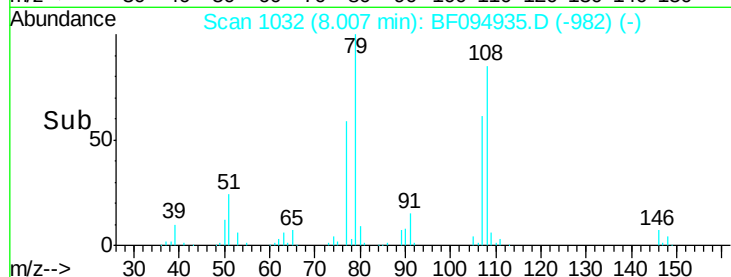
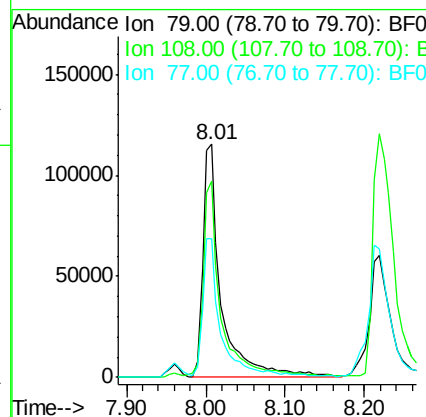
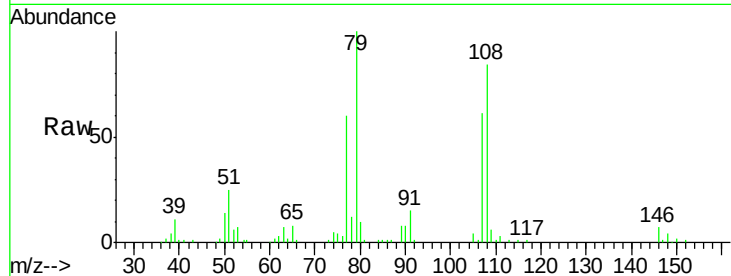
#15
Benzyl Alcohol
Concen: 44.29 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

Tgt Ion: 79 Resp: 189342
Ion Ratio Lower Upper
79 100
108 84.3 63.4 95.0
77 59.6 49.2 73.8

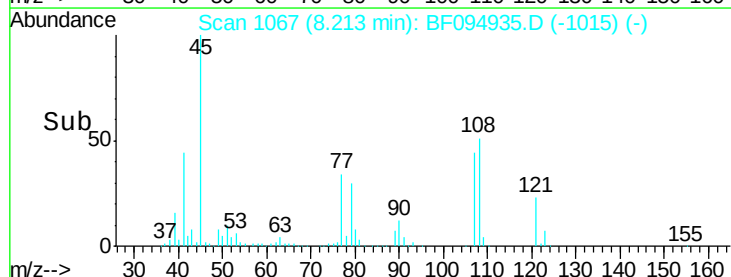
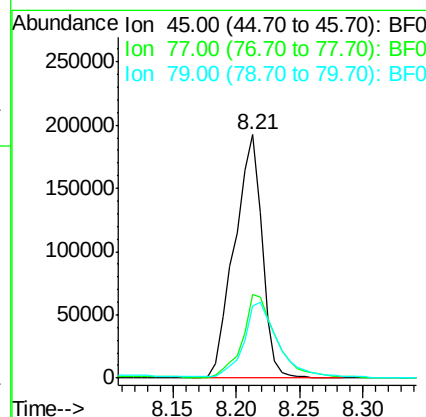
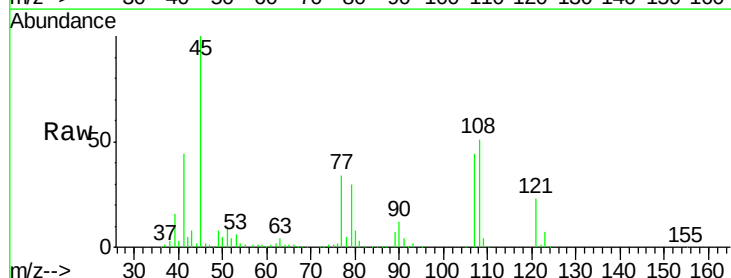
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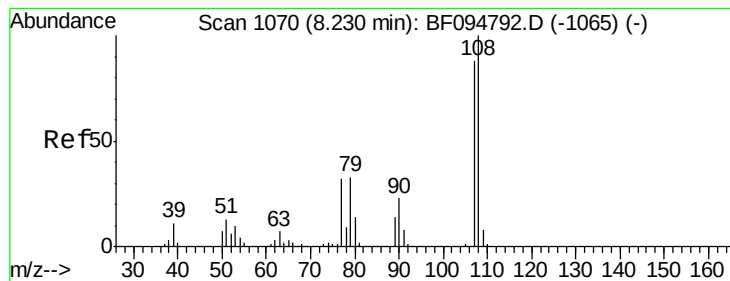
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.46 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

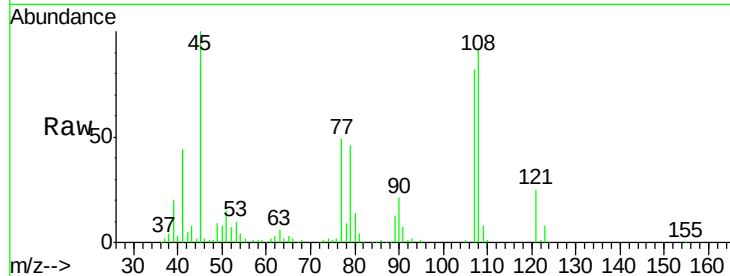
Tgt Ion: 45 Resp: 290186
Ion Ratio Lower Upper
45 100
77 34.2 0.0 33.2#
79 29.8 0.0 30.0





#17
2-Methylphenol
Concen: 37.73 ng
RT: 8.22 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

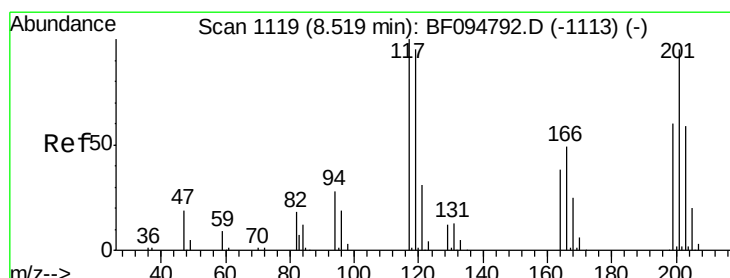
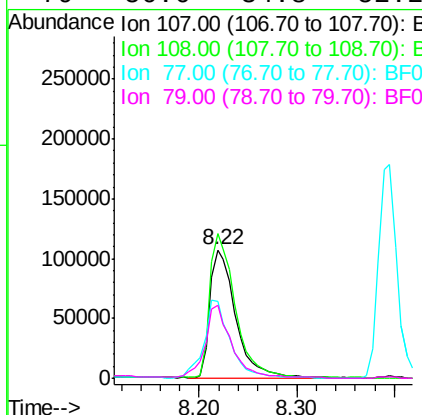
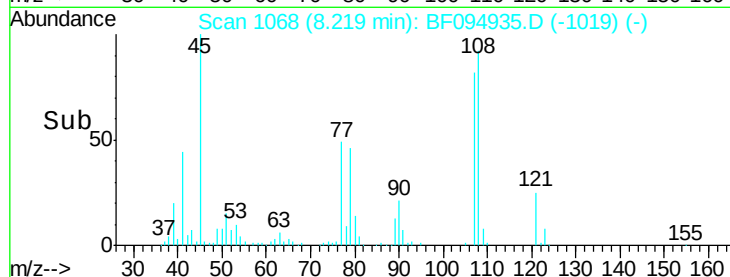
Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	93.4	140.0	
77	59.7	35.8	53.6#	
79	56.6	34.8	52.2#	

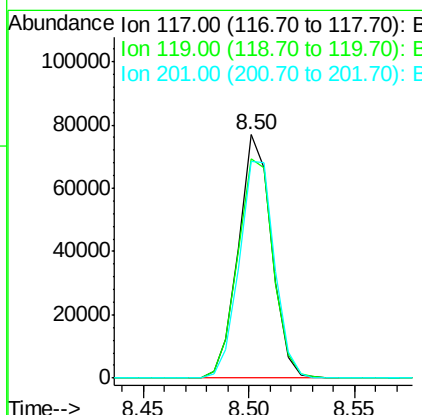
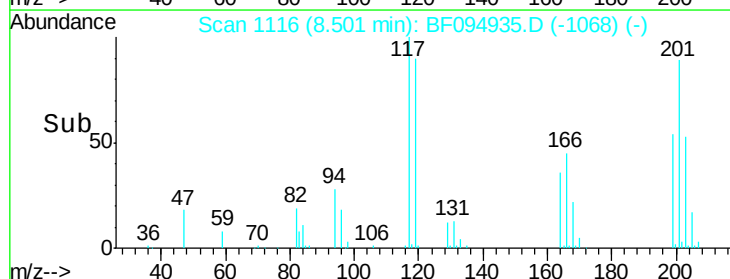
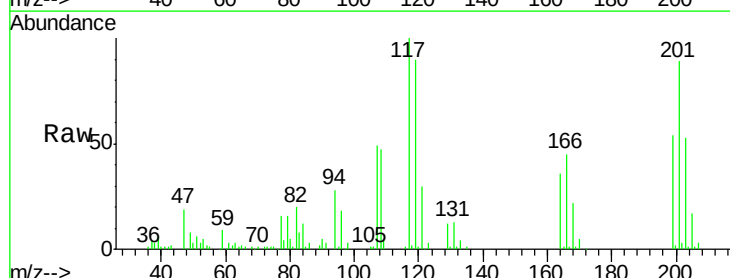
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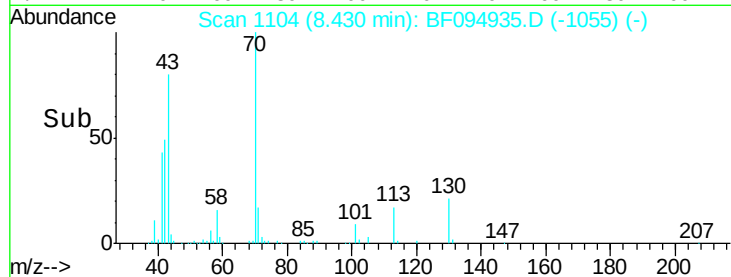
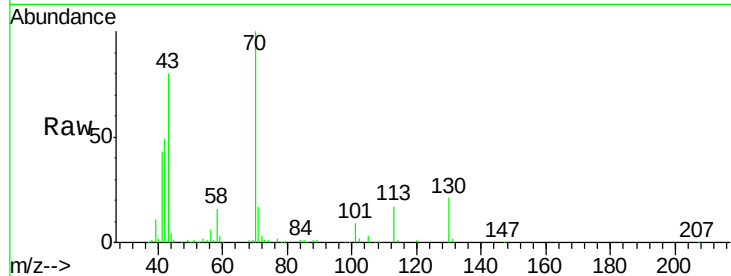
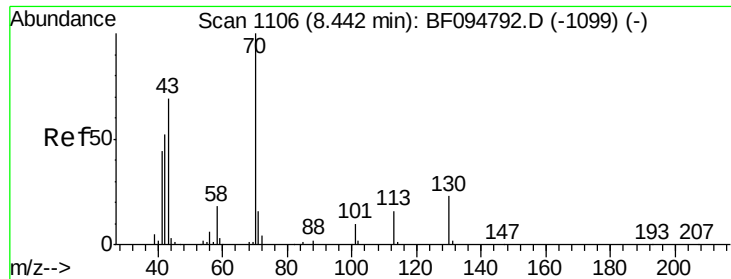
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#18
Hexachloroethane
Concen: 34.10 ng
RT: 8.50 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.9	77.4	116.0	
201	88.9	94.6	141.8#	





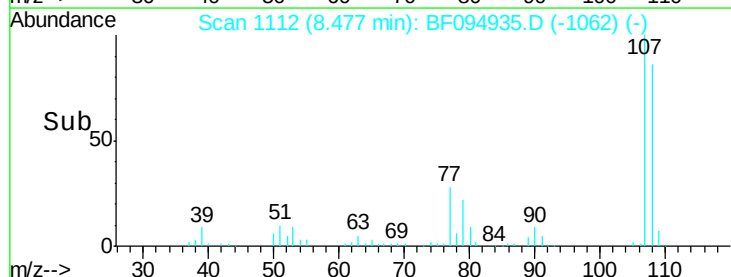
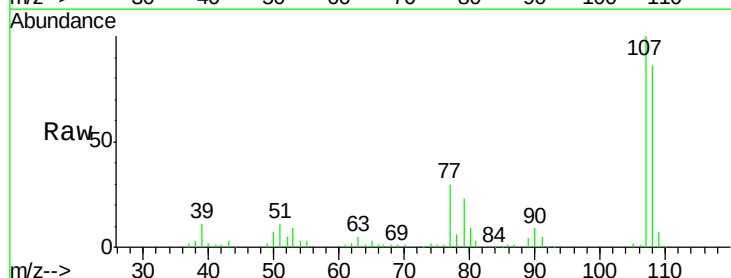
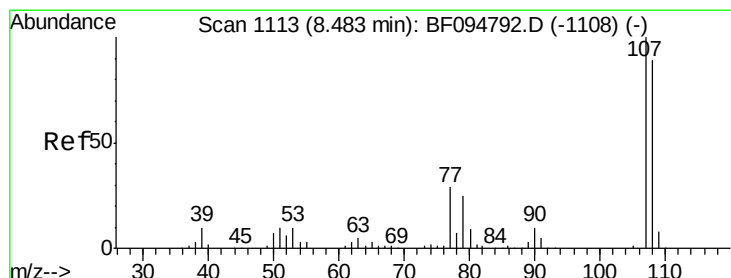
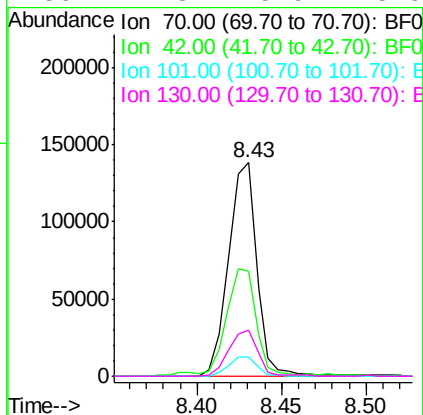
#19
n-Nitroso-di-n-propylamine
Concen: 35.85 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.2	70.8
101	9.0	7.2	10.8
130	21.3	15.9	23.9

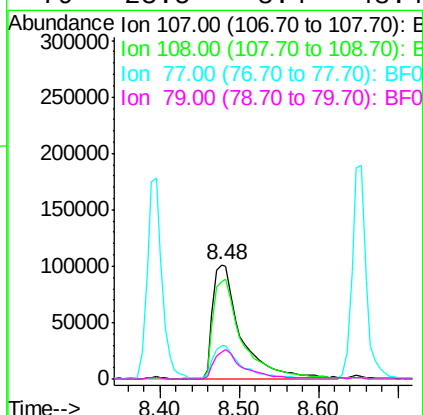
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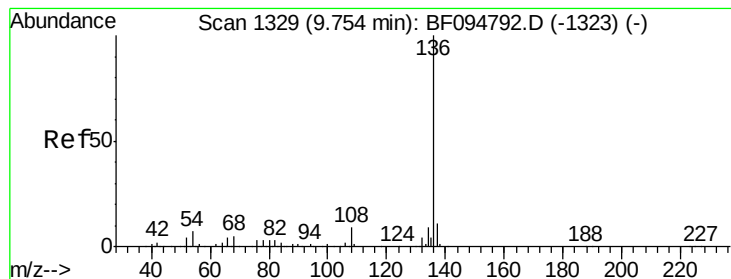
mohammad
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#20
3+4-Methylphenols
Concen: 35.63 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	71.0	111.0
77	29.7	90.5	130.5#
79	23.5	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094935.D

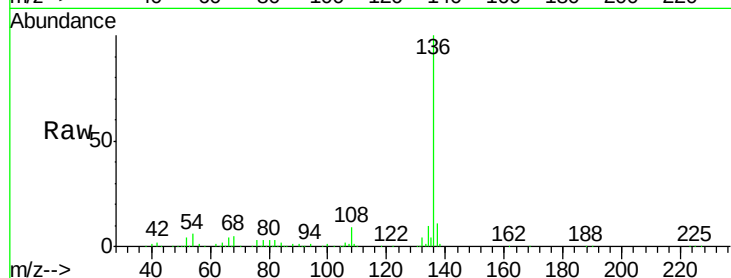
Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

SB-8(13-15)20170502MSD



Tgt Ion:136 Resp: 382105

Ion Ratio Lower Upper

136 100

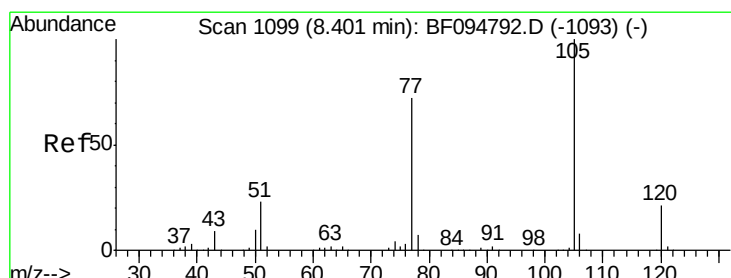
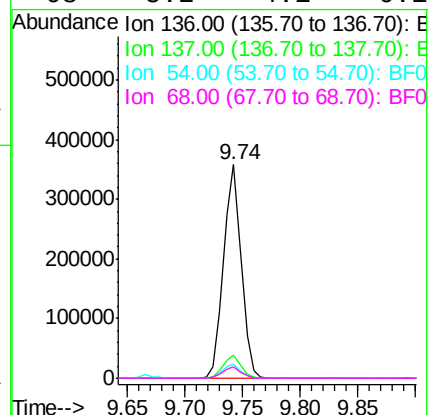
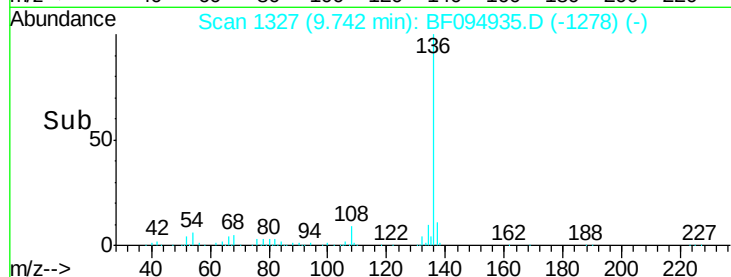
137 10.8 8.5 12.7

54 6.5 4.9 7.3

68 5.2 4.1 6.1

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#22

Acetophenone

Concen: 35.35 ng

RT: 8.40 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Tgt Ion:105 Resp: 324064

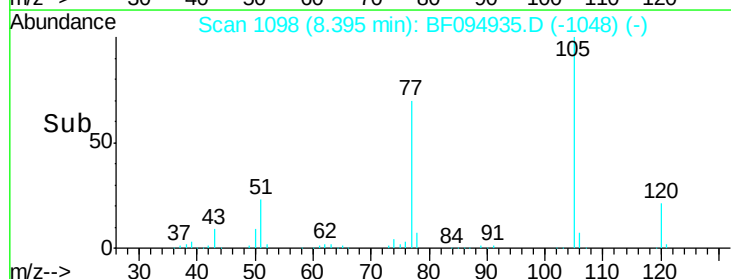
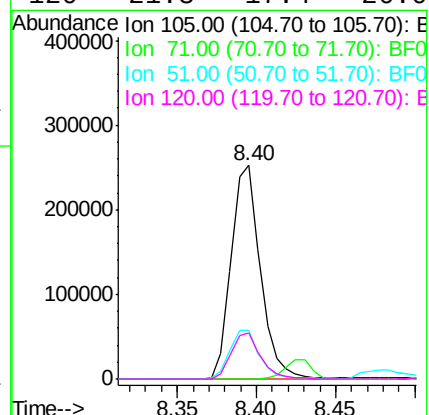
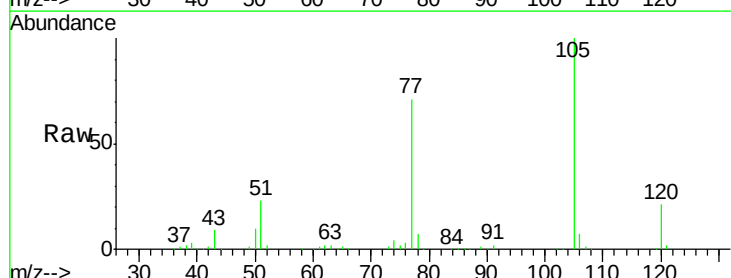
Ion Ratio Lower Upper

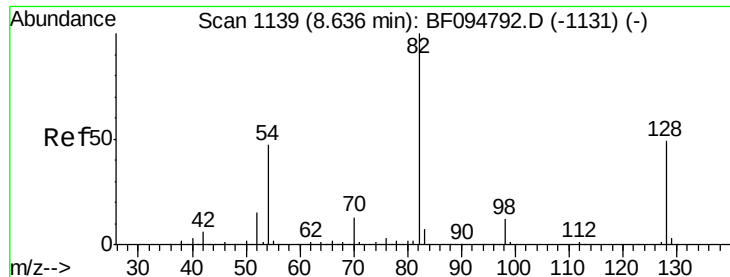
105 100

71 0.0 2.8 4.2#

51 22.9 30.7 46.1#

120 21.3 17.4 26.0





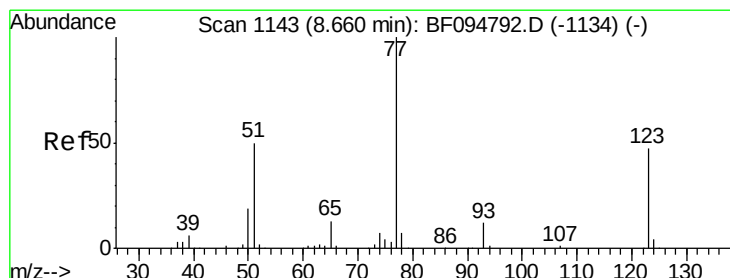
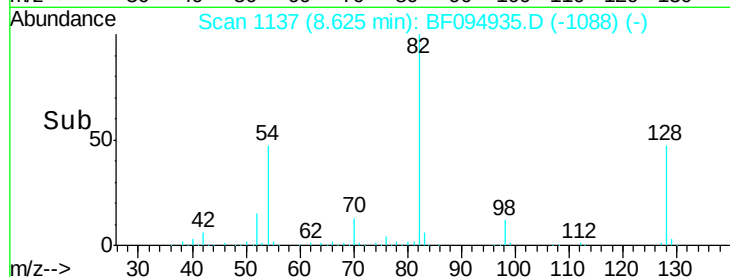
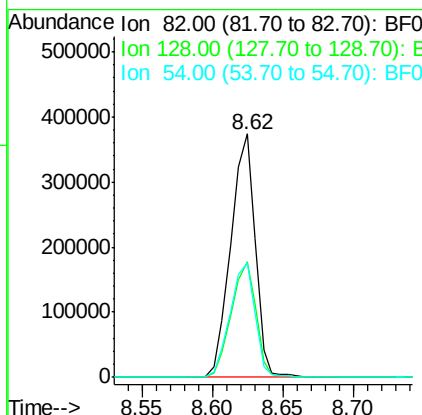
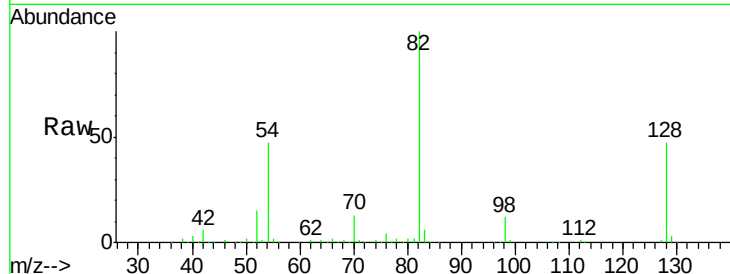
#23
 Nitrobenzene-d5
 Concen: 74.77 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	453074		
128	47.4	34.0	51.0	
54	46.8	42.2	63.2	

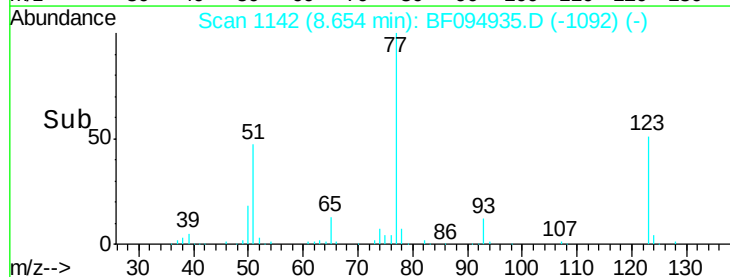
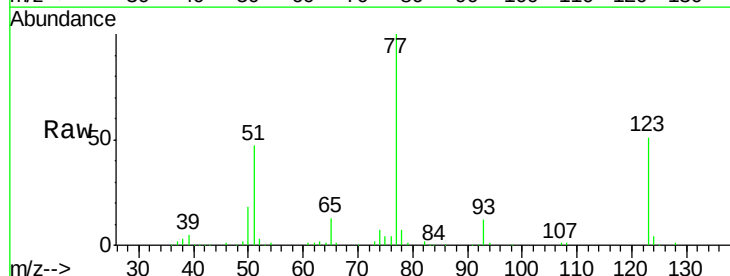
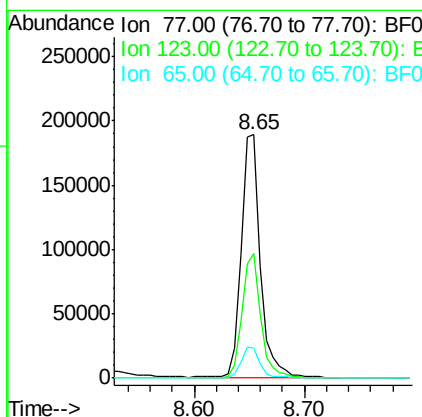
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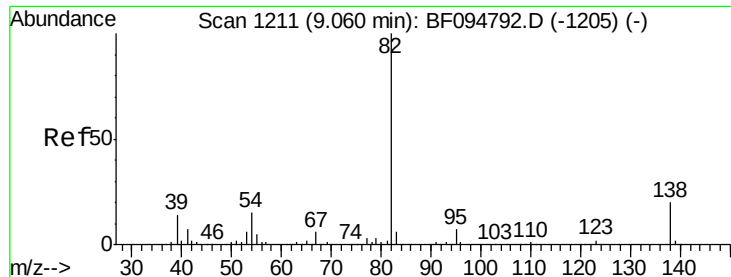
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#24
 Nitrobenzene
 Concen: 36.36 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	230967		
123	51.4	35.8	53.8	
65	12.5	10.6	15.8	





#25

Isophorone

Concen: 38.47 ng

RT: 9.05 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

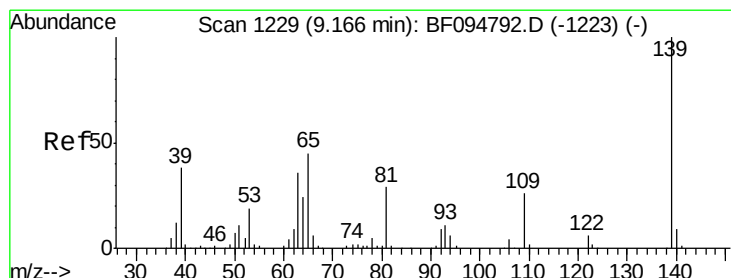
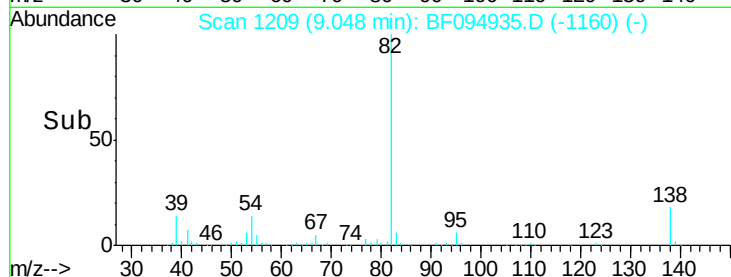
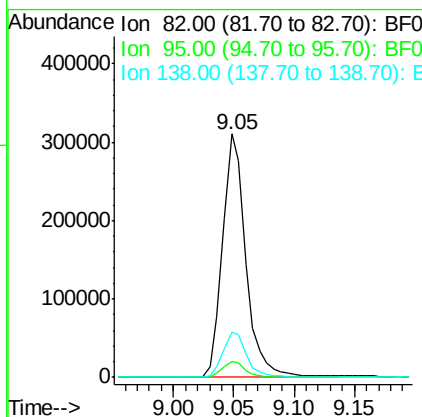
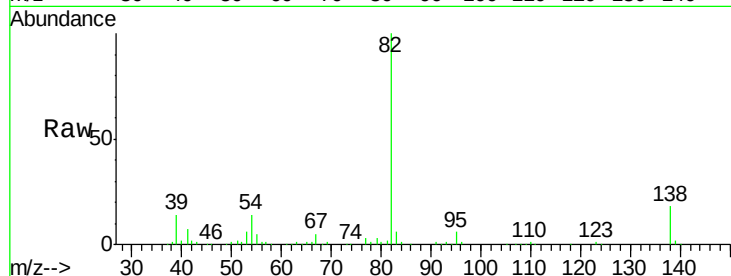
ClientSampleId :

SB-8(13-15)20170502MSD

Tgt Ion:	82	Resp:	416201
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.3	7.9
138	18.5	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.40 ng

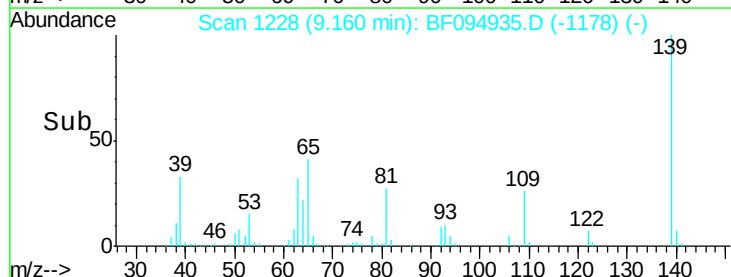
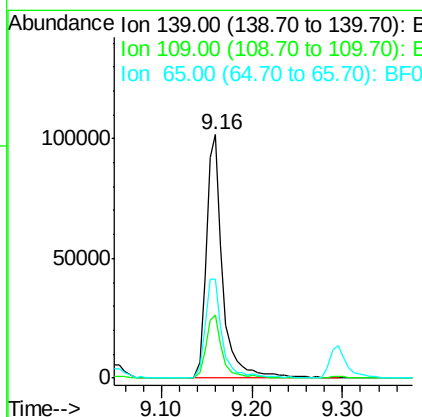
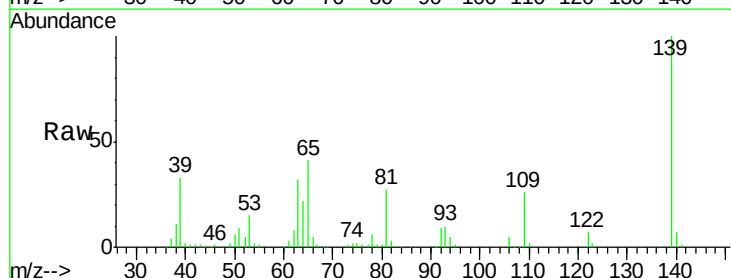
RT: 9.16 min Scan# 1228

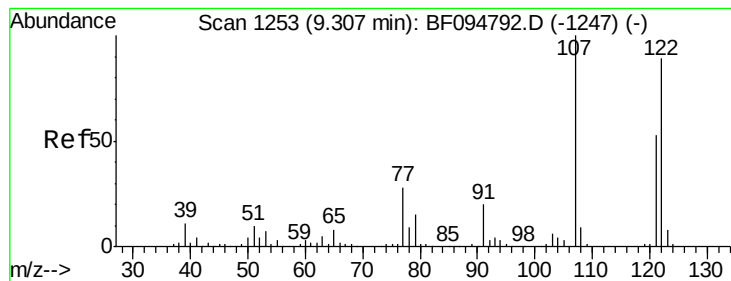
Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Tgt Ion:	139	Resp:	128184
Ion Ratio		Lower	Upper
139	100		
109	25.8	21.0	31.6
65	40.7	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 36.02 ng

RT: 9.30 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF094935.D

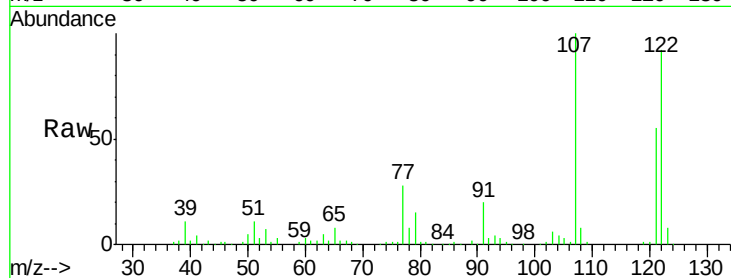
Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

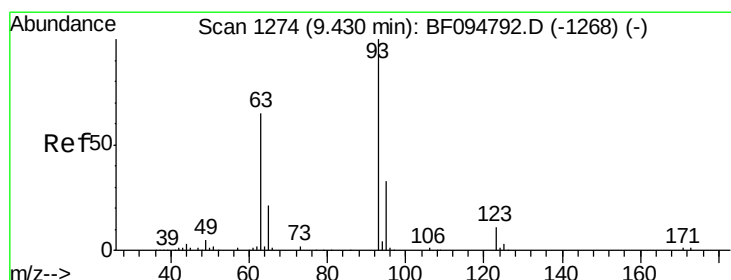
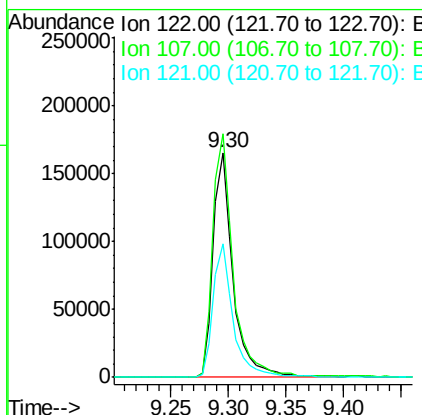
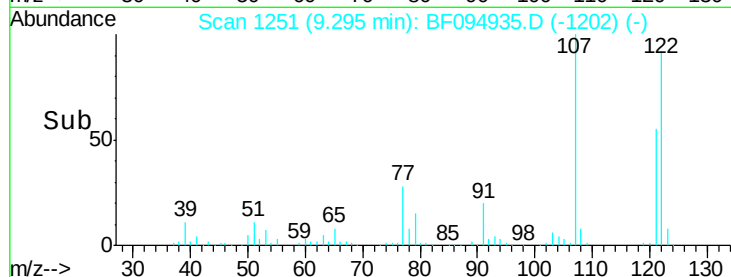
SB-8(13-15)20170502MSD



Tgt Ion:	122	Resp:	199612
Ion Ratio	Lower	Upper	
122	100		
107	108.3	89.2	133.8
121	59.4	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 35.83 ng

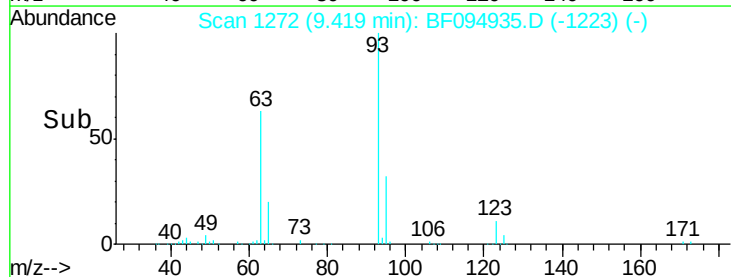
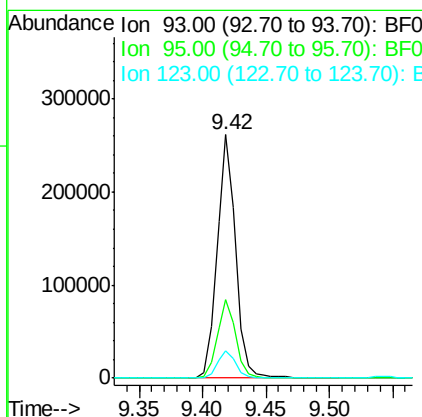
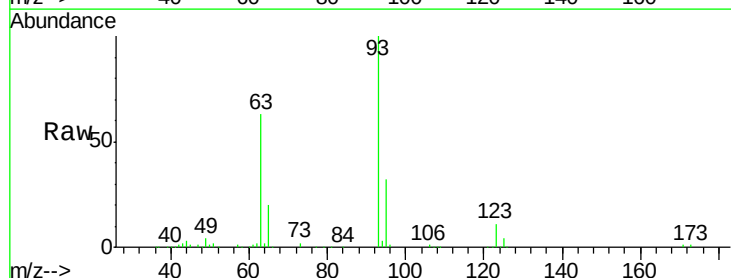
RT: 9.42 min Scan# 1272

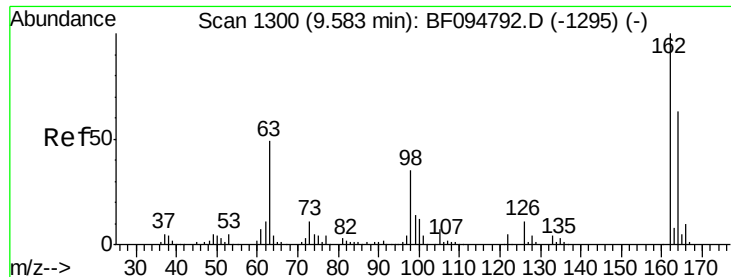
Delta R.T. -0.01 min

Lab File: BF094935.D

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Tgt Ion:	93	Resp:	268181
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.5	39.7
123	11.1	9.0	13.4





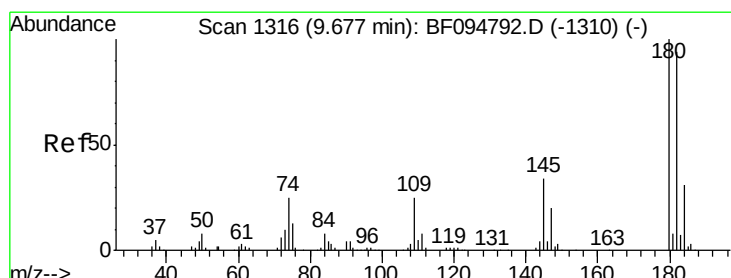
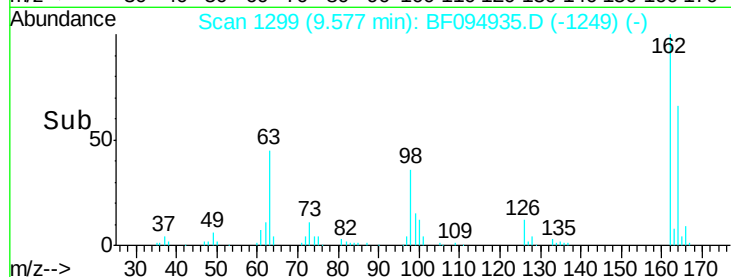
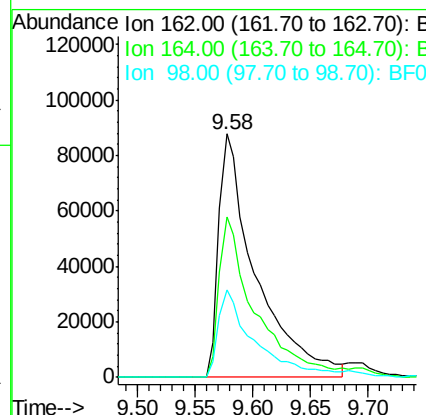
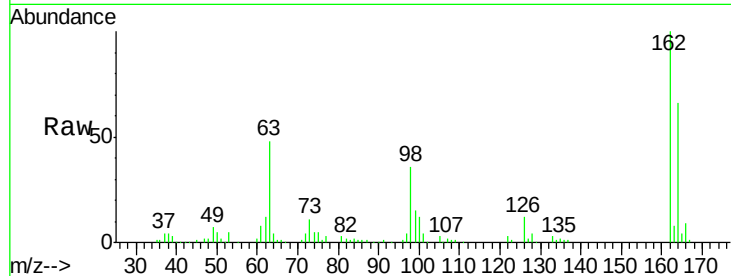
#29
 2,4-Dichlorophenol
 Concen: 37.58 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:	162	Resp:	196641
Ion Ratio	Lower	Upper	
162	100		
164	66.0	44.6	84.6
98	35.7	14.8	54.8

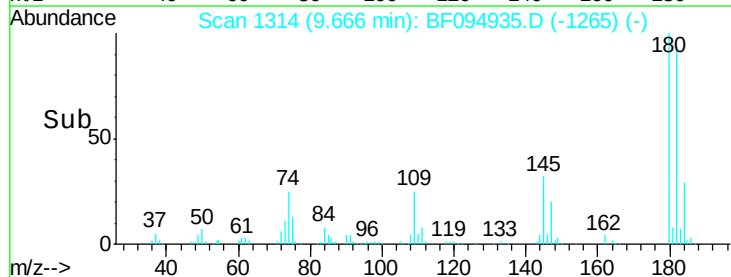
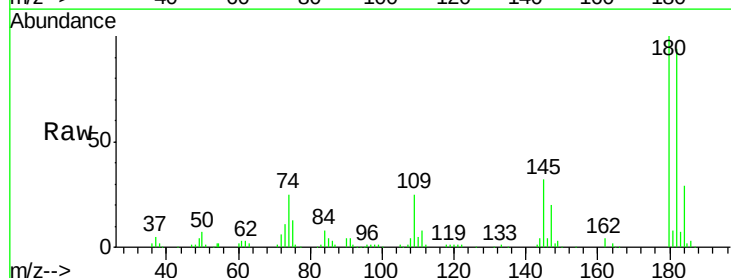
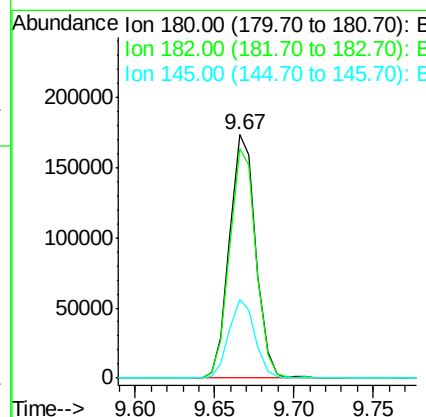
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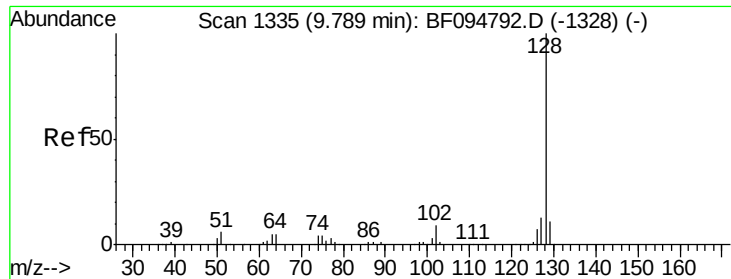
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.48 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion:	180	Resp:	198900
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.8	113.6
145	32.0	25.3	37.9





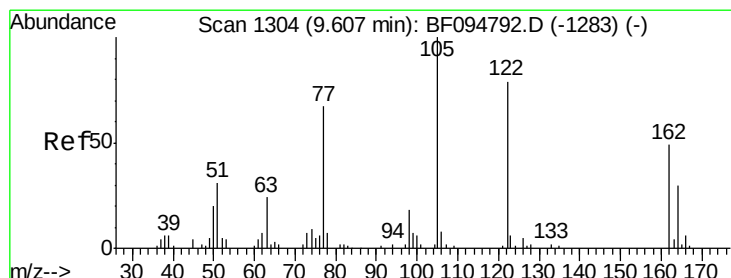
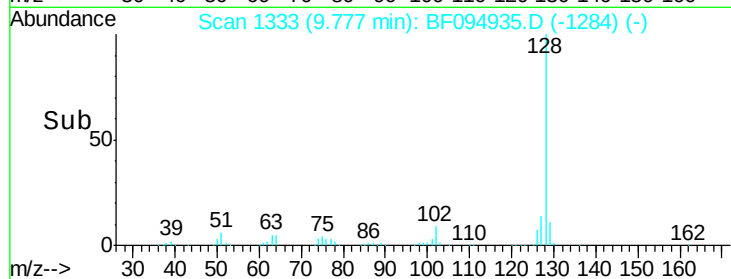
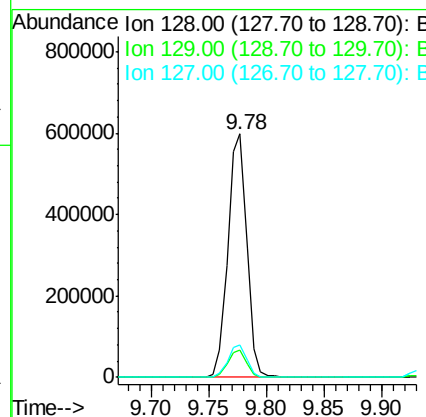
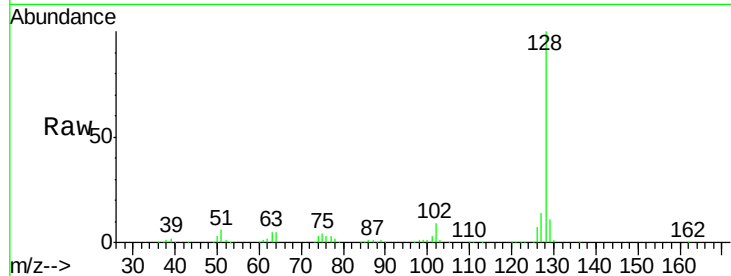
#31
Naphthalene
Concen: 35.25 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	676985		
129	11.3	9.0	13.6	
127	13.6	10.8	16.2	

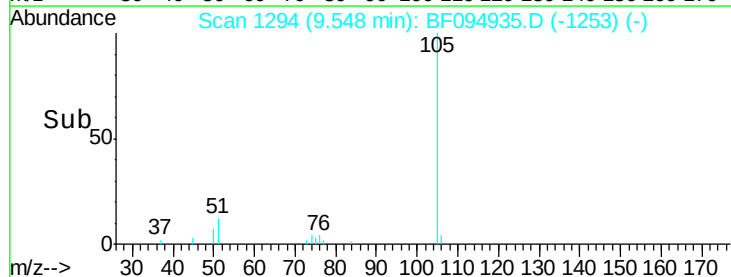
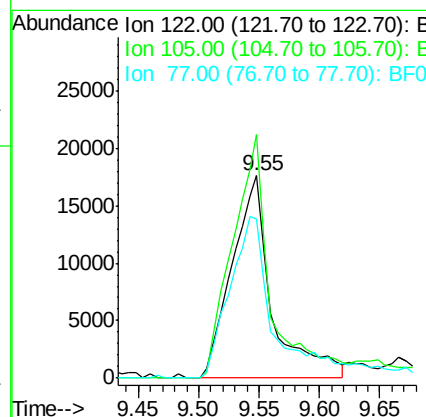
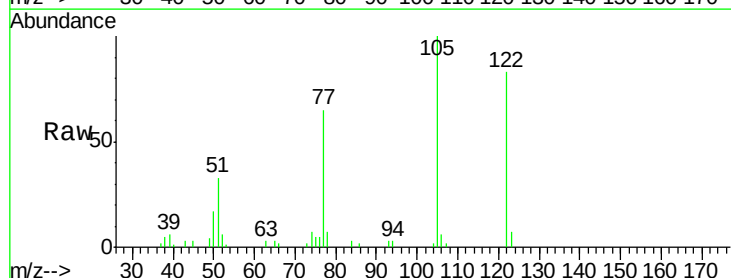
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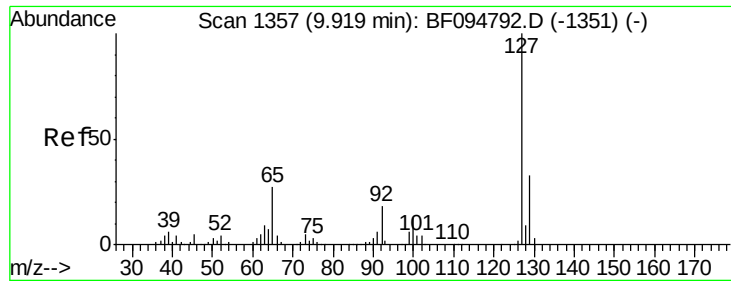
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#32
Benzoic acid
Concen: 15.07 ng
RT: 9.55 min Scan# 1294
Delta R.T. -0.06 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	40637		
105	120.4	103.3	143.3	
77	78.8	73.7	113.7	





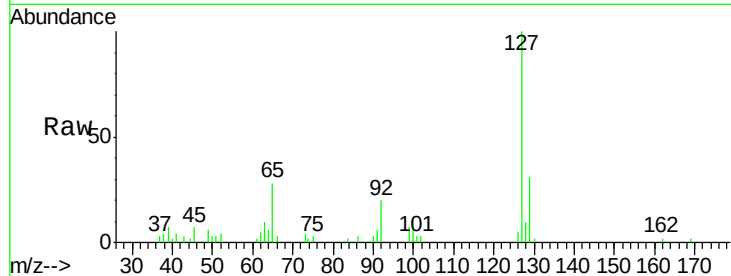
#33
4-Chloroaniline
Concen: 5.77 ng
RT: 9.94 min Scan# 1360
Delta R.T. 0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

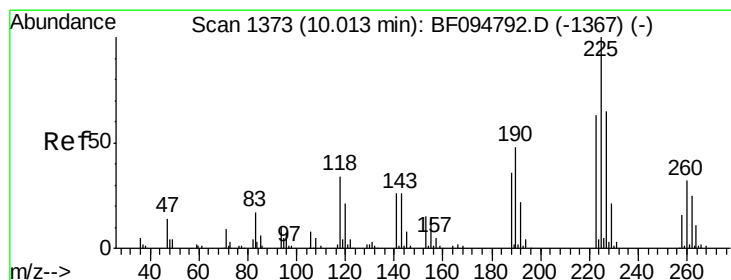
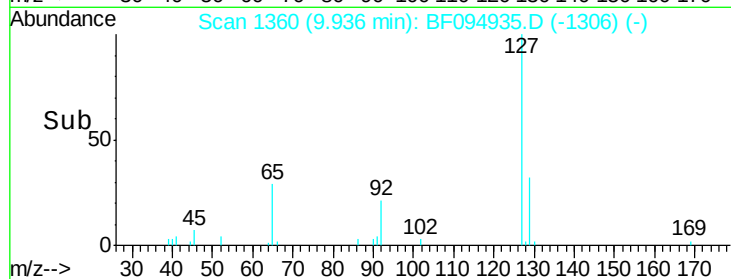
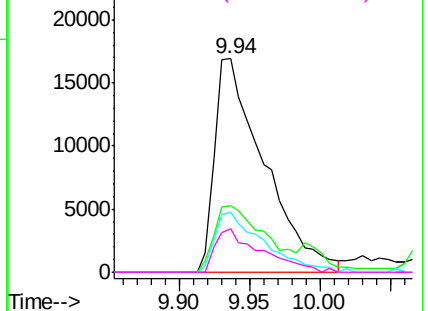
Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	31.0	26.2	39.2
65	27.9	27.8	41.8
92	20.1	16.8	25.2

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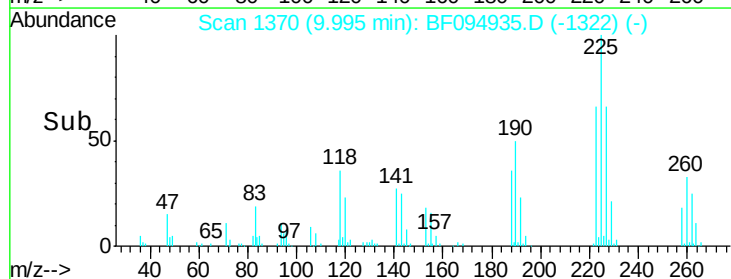
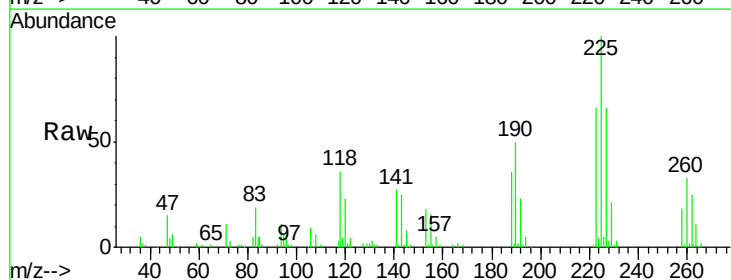
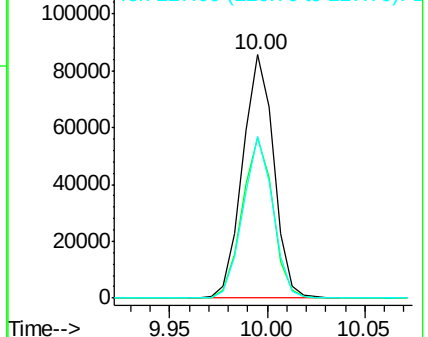
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

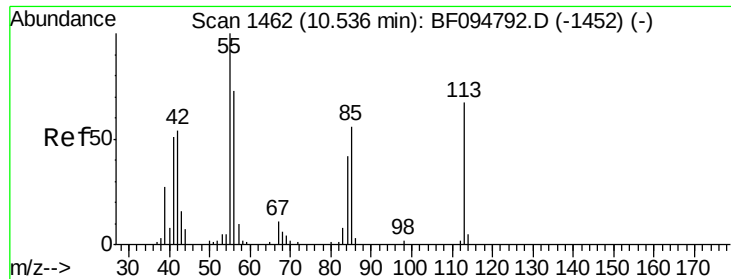


#34
Hexachlorobutadiene
Concen: 32.00 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	65.7	48.8	73.2
227	66.2	51.1	76.7

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.58 ng m

RT: 10.52 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

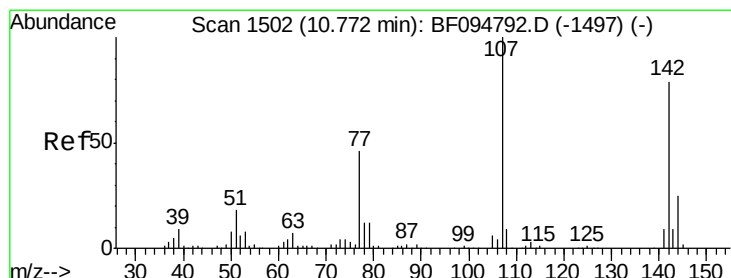
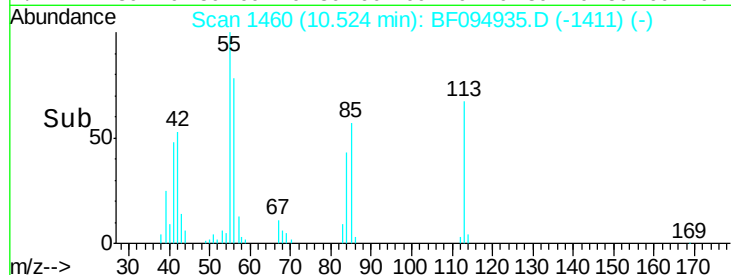
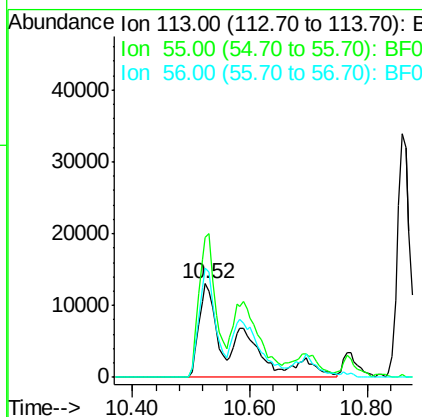
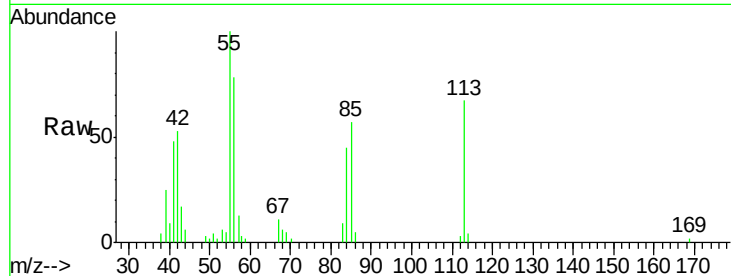
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Tgt Ion:113 Resp: 54320
 Ion Ratio Lower Upper
 113 100
 55 149.6 150.2 190.2#
 56 116.2 107.8 147.8

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#36

4-Chloro-3-methylphenol

Concen: 37.61 ng

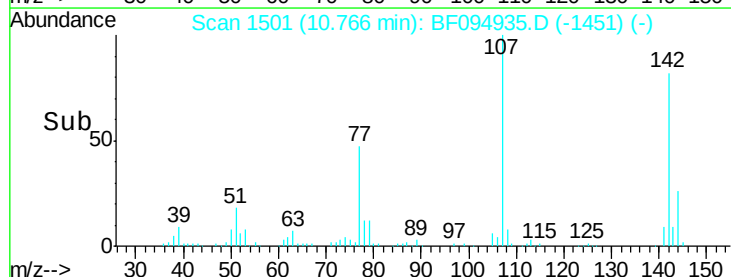
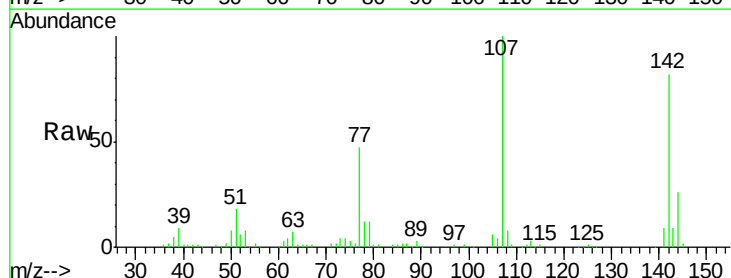
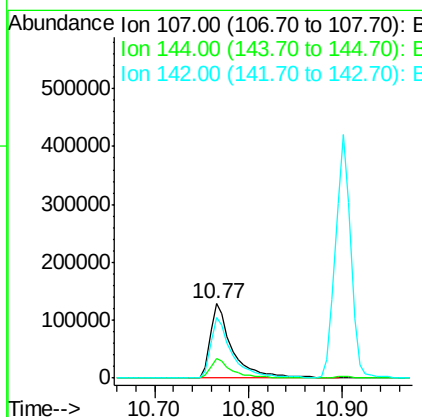
RT: 10.77 min Scan# 1501

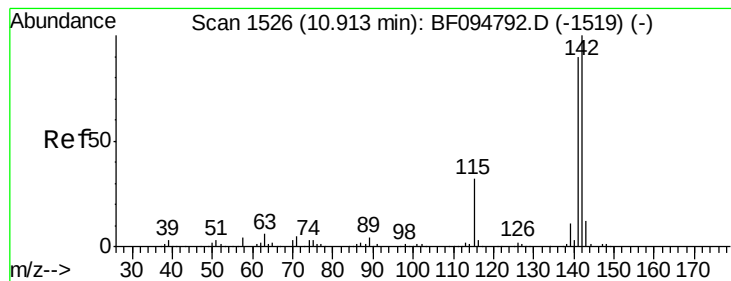
Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Tgt Ion:107 Resp: 210402
 Ion Ratio Lower Upper
 107 100
 144 26.2 24.2 36.4
 142 82.3 73.4 110.0





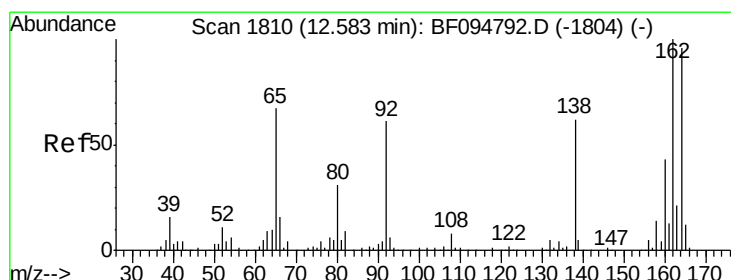
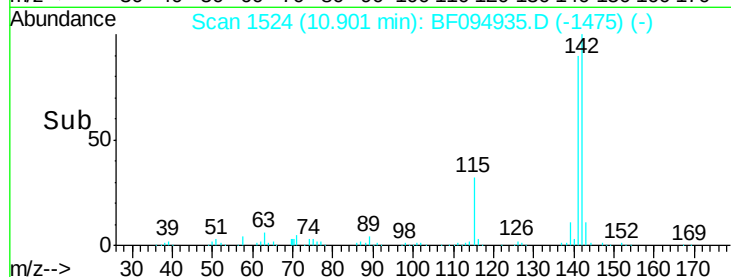
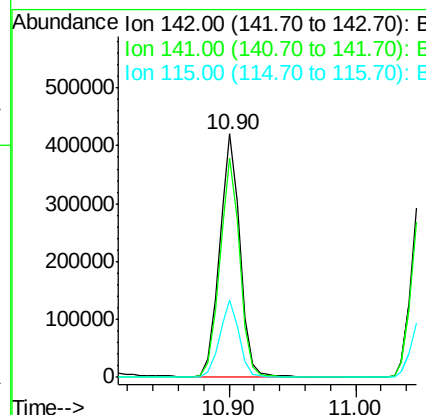
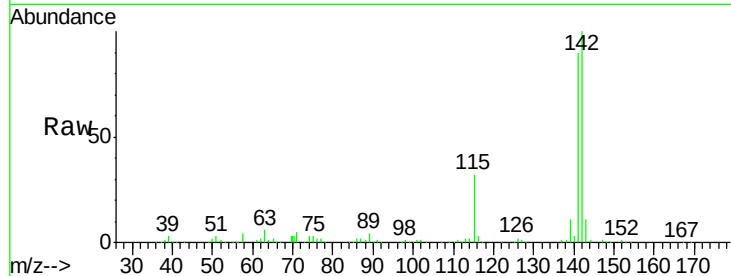
#37
2-Methylnaphthalene
Concen: 37.54 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	31.9	27.1	40.7

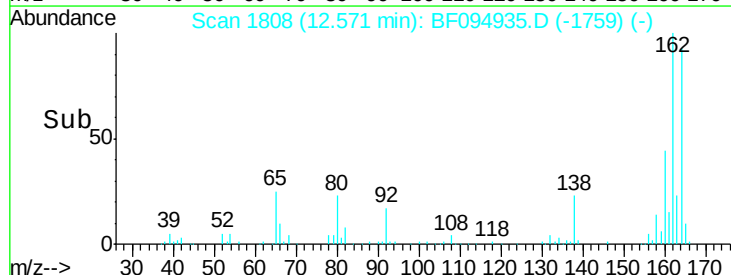
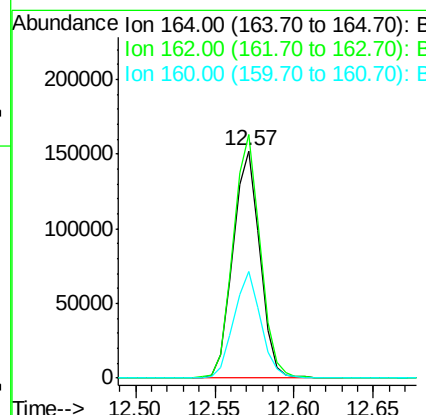
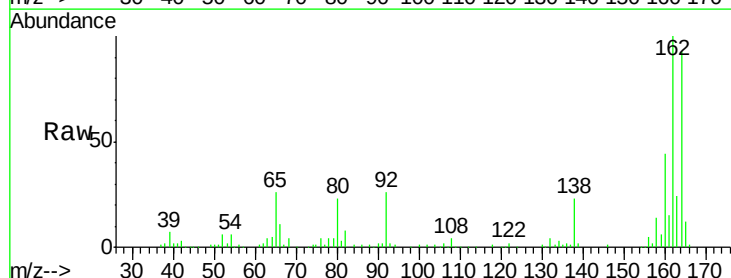
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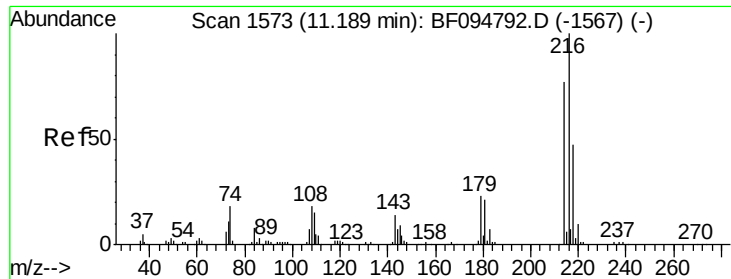
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	82.6	123.8
160	46.7	36.2	54.2





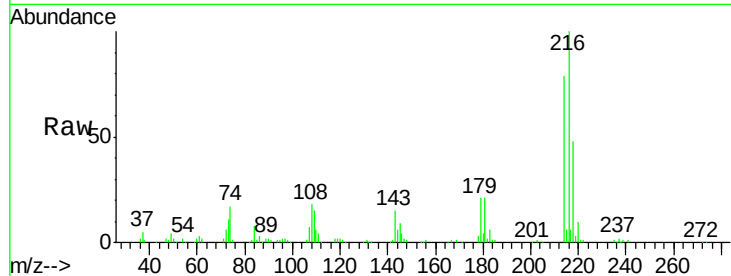
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.27 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MSD

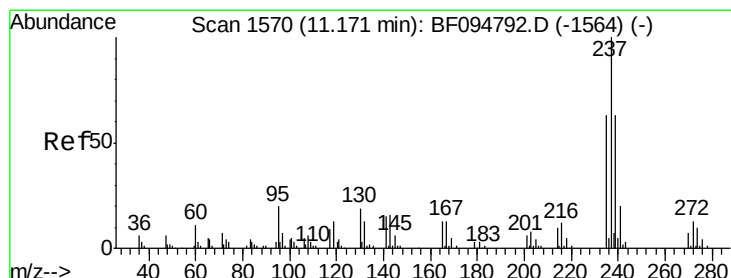
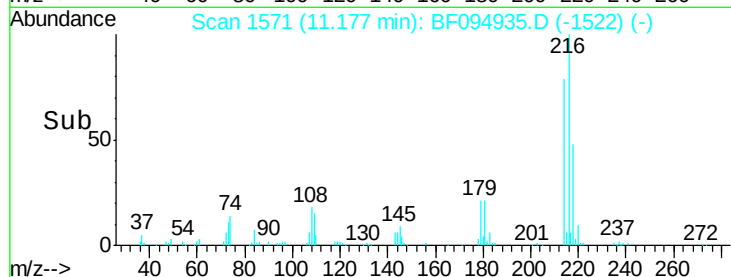
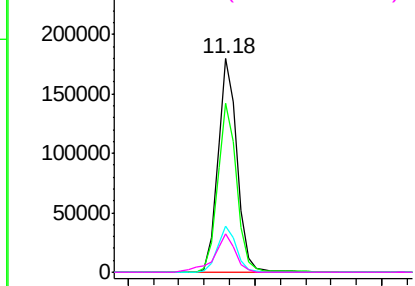
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	189057		
214	79.2	63.4	95.2	
179	21.1	17.9	26.9	
108	19.8	16.5	24.7	

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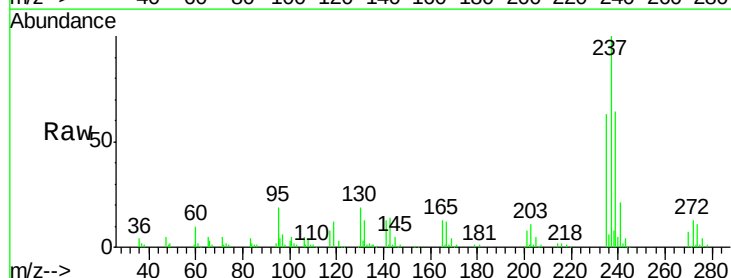


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

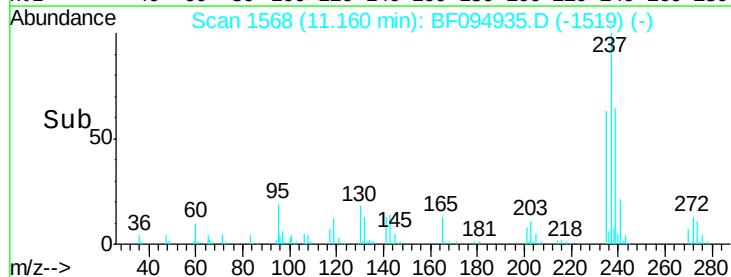
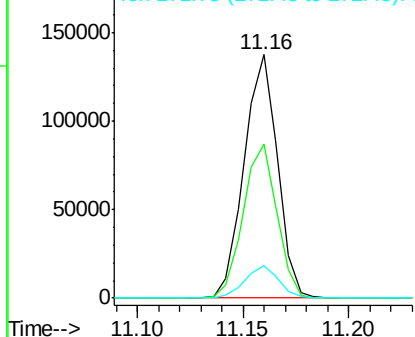


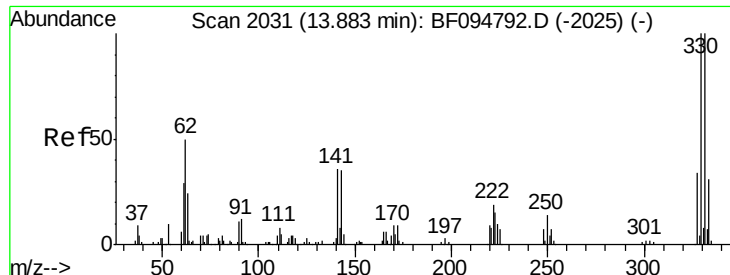
#40
 Hexachlorocyclopentadiene
 Concen: 66.23 ng
 RT: 11.16 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	150981		
235	63.2	42.6	82.6	
272	13.3	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





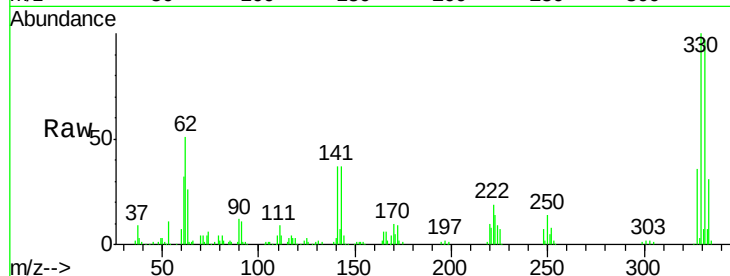
#41
 2,4,6-Tribromophenol
 Concen: 117.17 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MSD

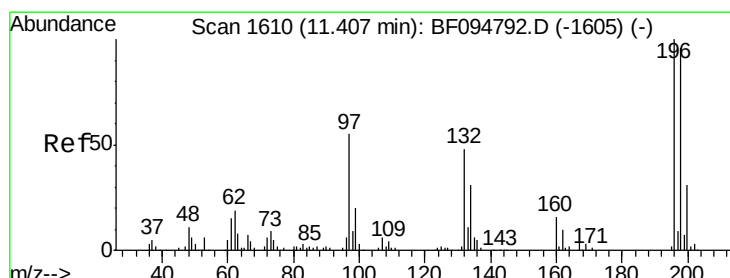
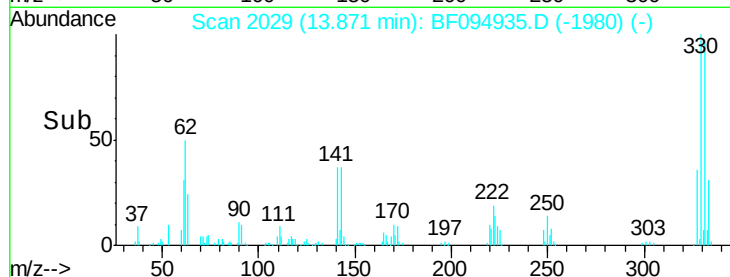
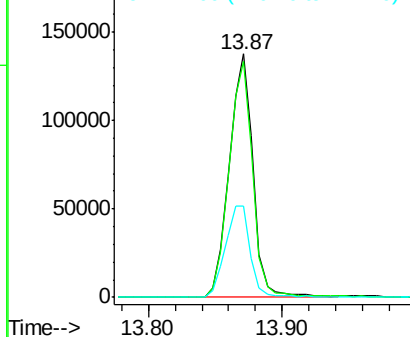
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	172120		
332	97.5	76.6	115.0	
141	40.0	31.4	47.2	

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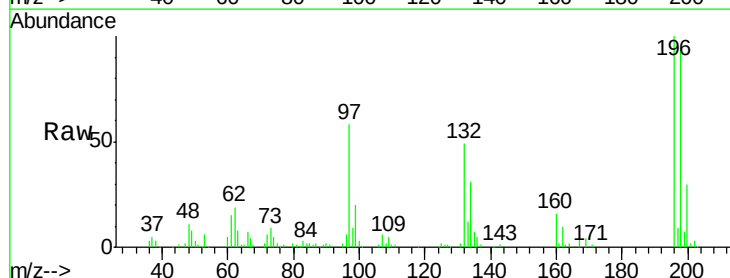


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

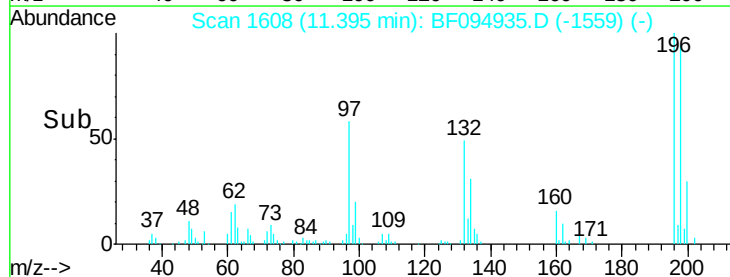
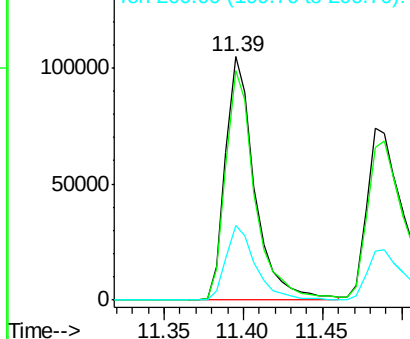


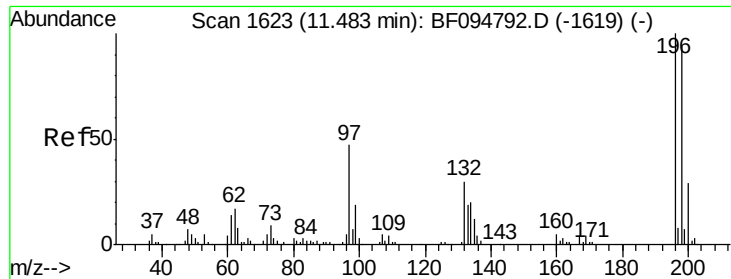
#42
 2,4,6-Trichlorophenol
 Concen: 36.62 ng
 RT: 11.39 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	134874		
198	94.4	74.2	111.4	
200	30.4	24.0	36.0	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





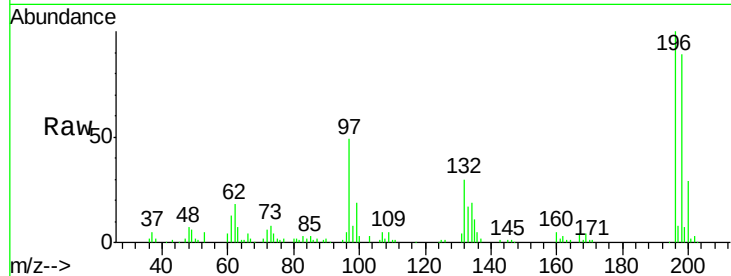
#43
 2,4,5-Trichlorophenol
 Concen: 36.54 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	144643		
198	89.0	75.7	113.5	
97	49.1	47.7	71.5	
132	29.5	28.0	42.0	

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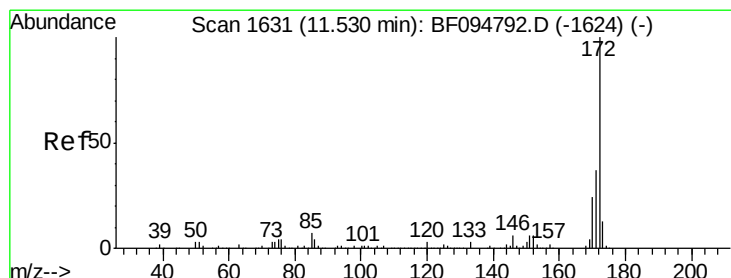
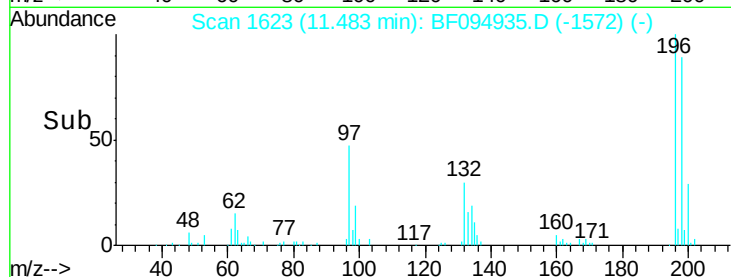
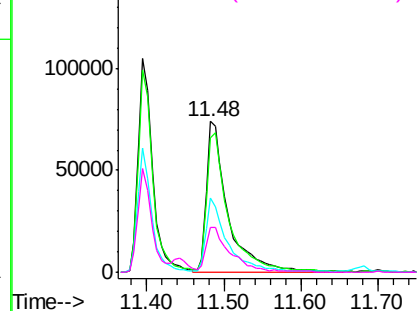
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.58 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

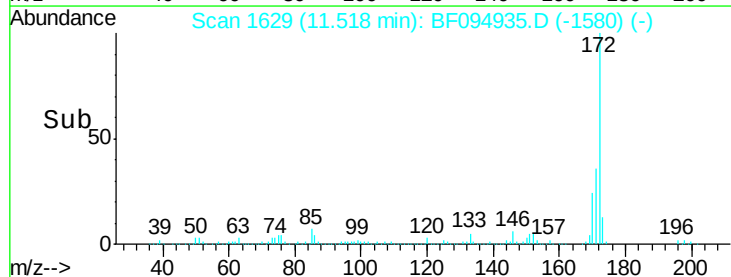
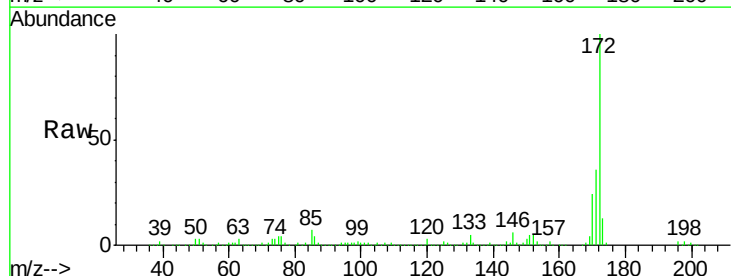
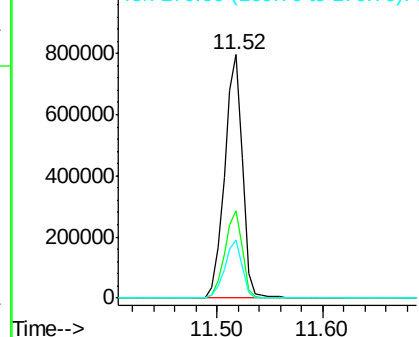
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	941842		
171	35.9	29.6	44.4	
170	24.0	19.8	29.8	

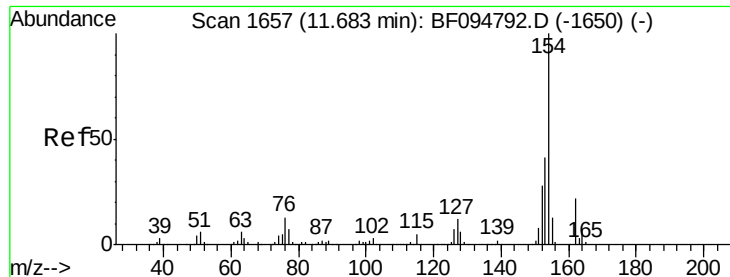
Abundance

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





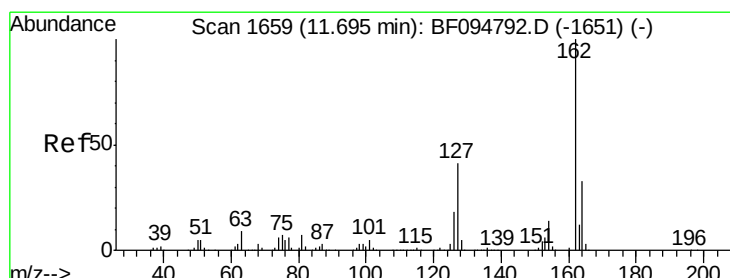
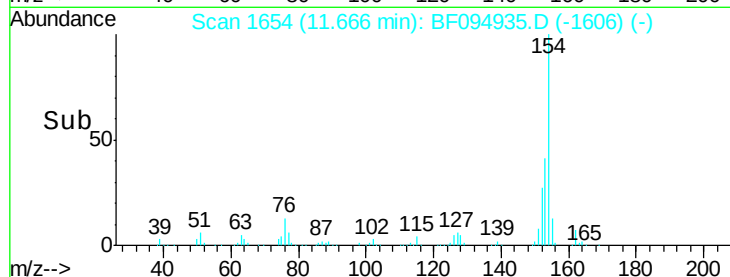
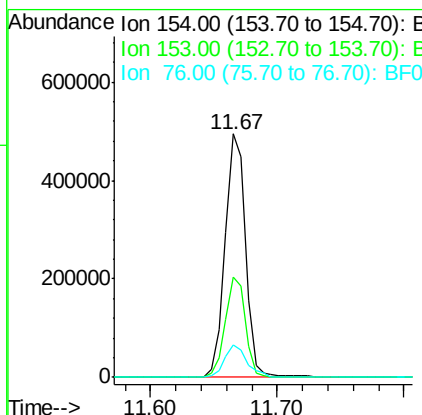
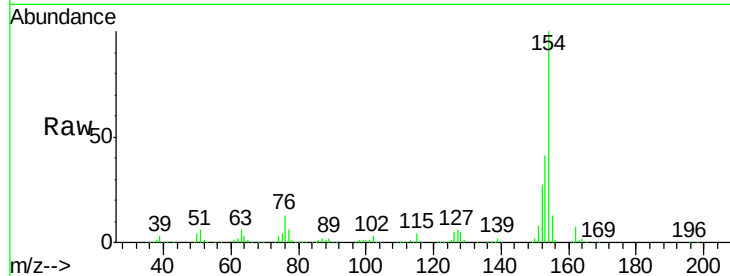
#45
1,1'-Biphenyl
Concen: 36.69 ng
RT: 11.67 min Scan# 1654
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	13.1	0.0	29.9

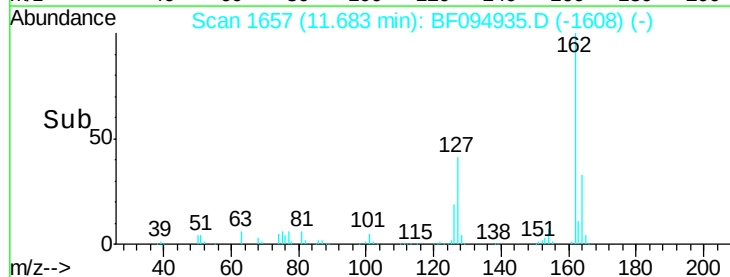
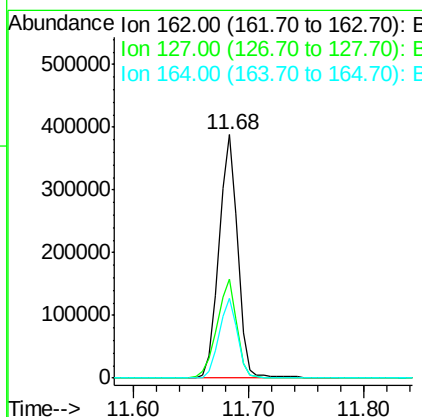
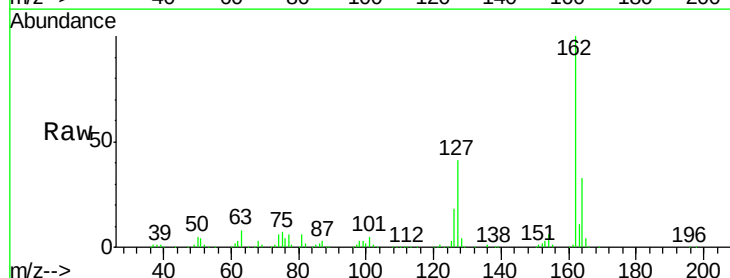
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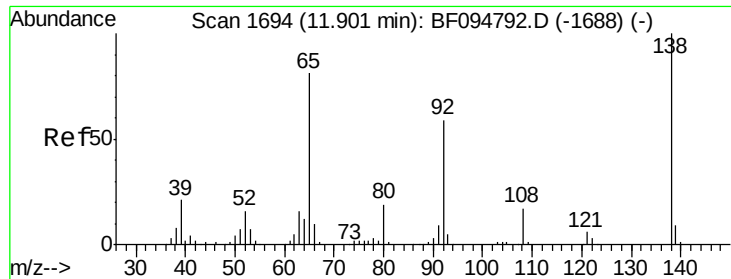
mohammad
5/8/2017 2:48:04 PM



#46
2-Chloronaphthalene
Concen: 35.80 ng
RT: 11.68 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	28.3	42.5
164	33.0	27.0	40.4





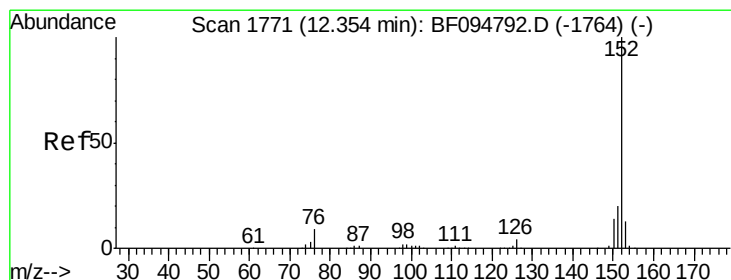
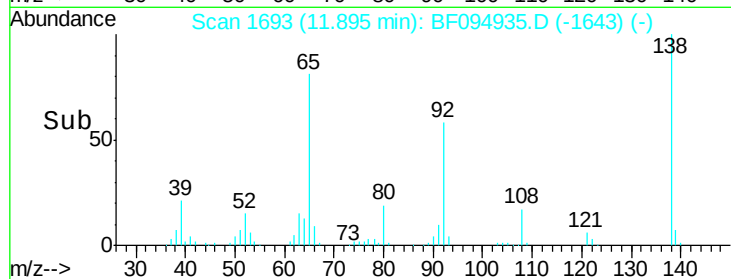
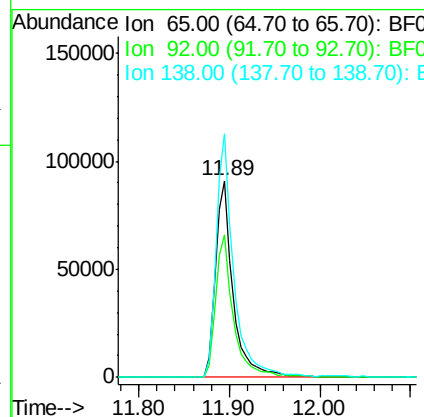
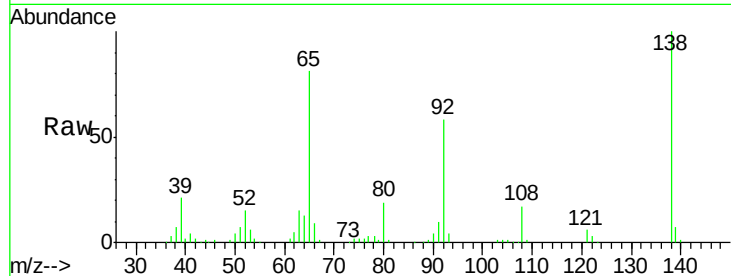
#47
2-Nitroaniline
Concen: 36.94 ng
RT: 11.89 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	53.9	80.9
138	123.9	78.8	118.2

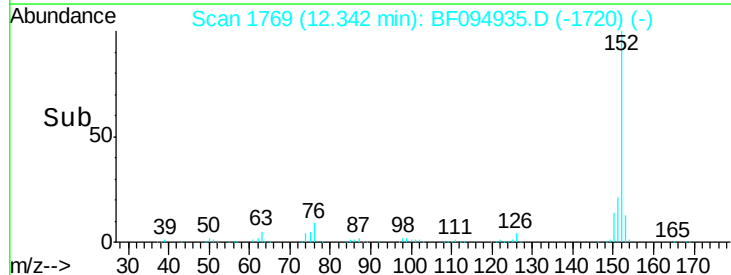
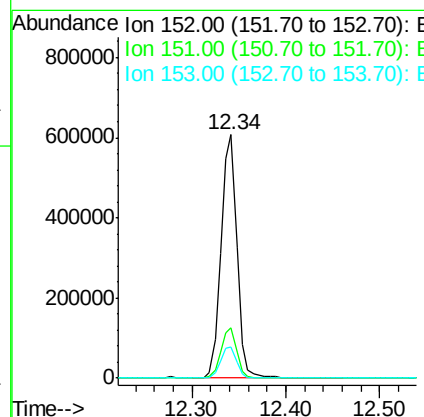
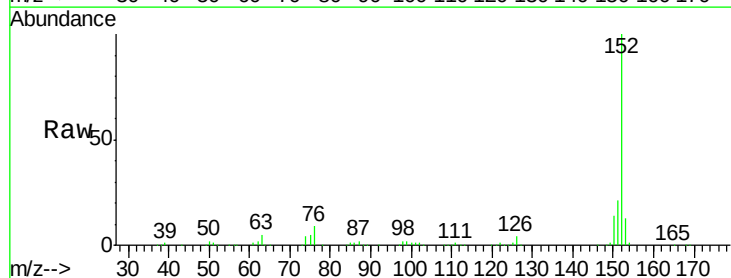
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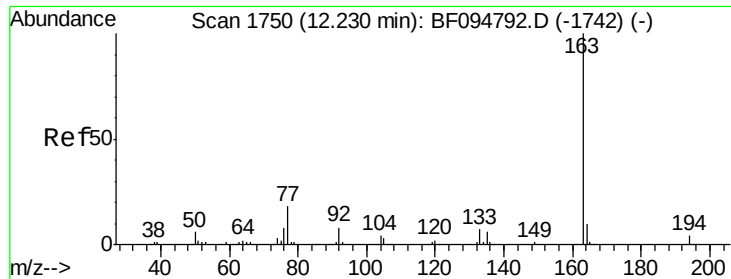
mohammad
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#48
Acenaphthylene
Concen: 37.92 ng
RT: 12.34 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	12.6	10.8	16.2





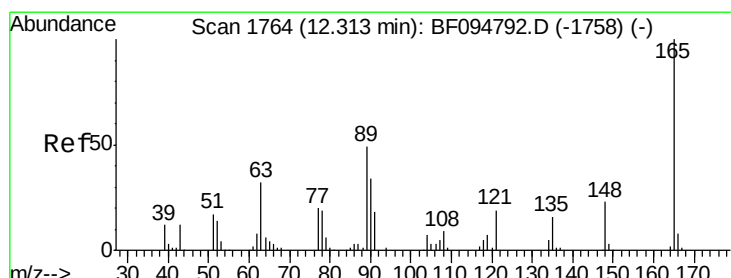
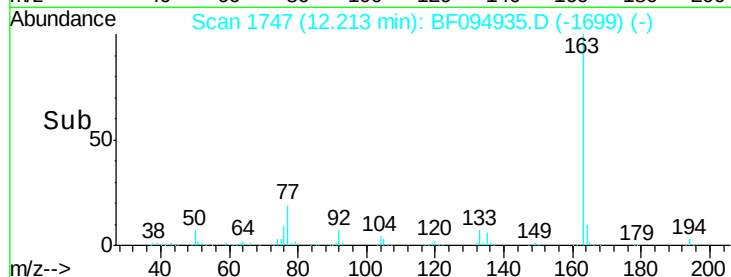
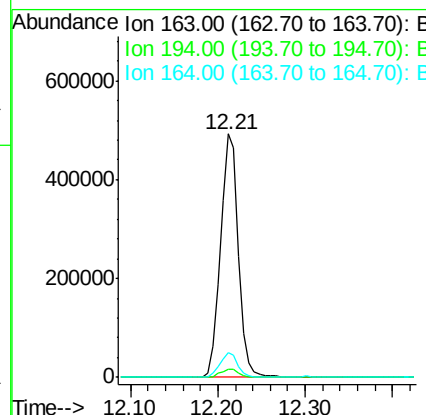
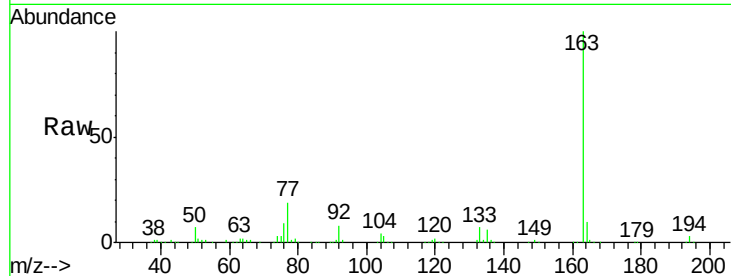
#49
Dimethylphthalate
Concen: 47.31 ng
RT: 12.21 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	696740		
194	3.4	2.6	4.0	
164	10.4	8.4	12.6	

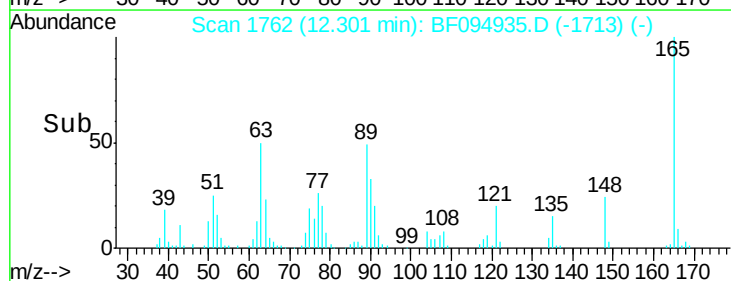
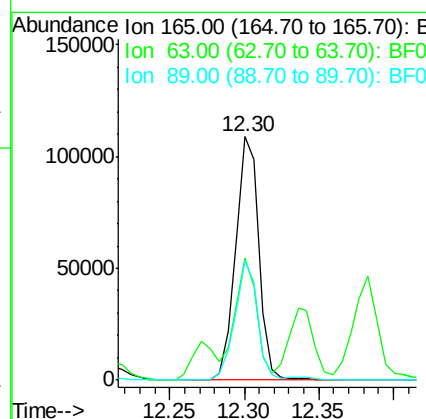
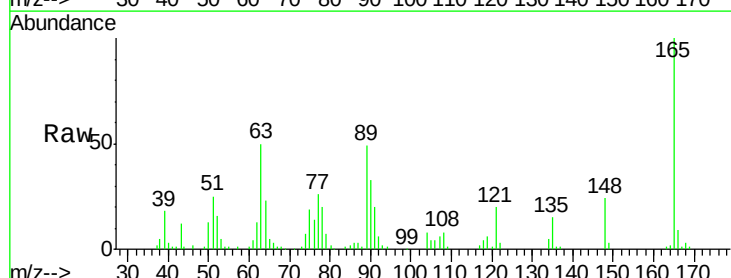
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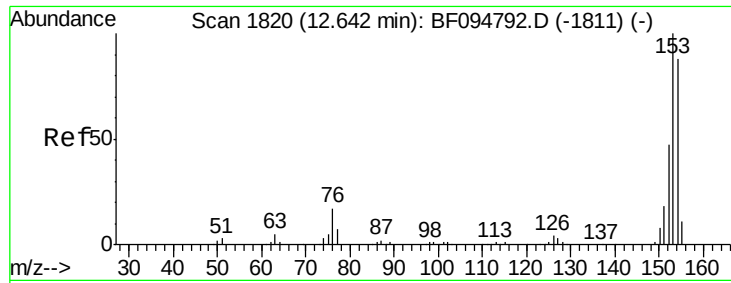
mohammad
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#50
2,6-Dinitrotoluene
Concen: 39.88 ng
RT: 12.30 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	119811		
63	50.3	34.3	51.5	
89	49.1	37.1	55.7	





#51

Acenaphthene

Concen: 36.95 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

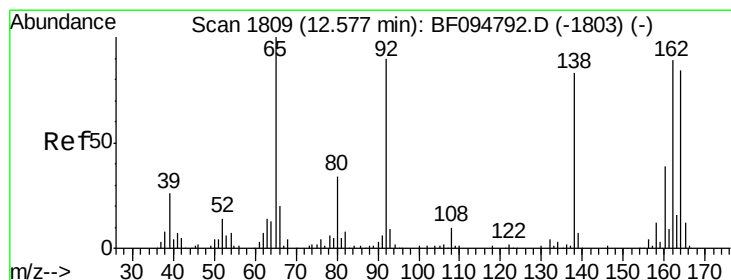
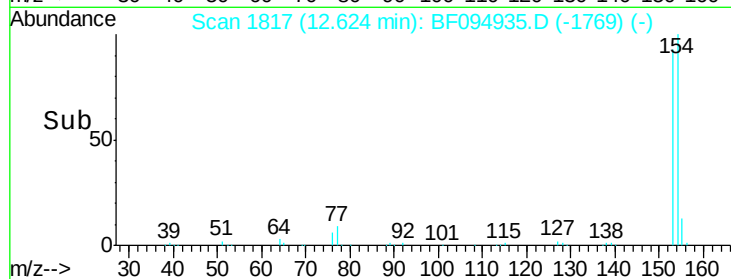
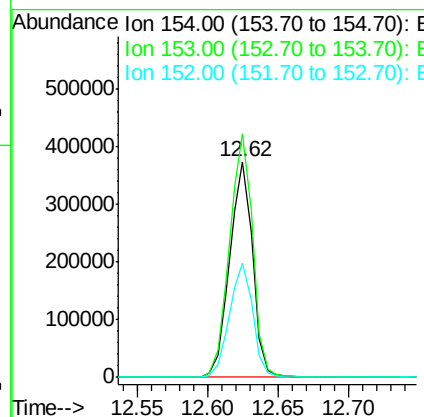
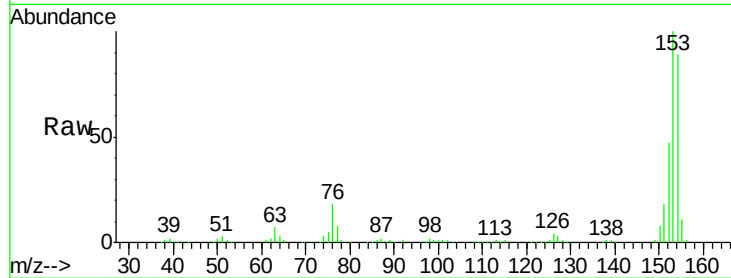
ClientSampleId :

SB-8(13-15)20170502MSD

Tgt Ion:	154	Resp:	421520
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.5	135.7
152	53.1	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 19.73 ng

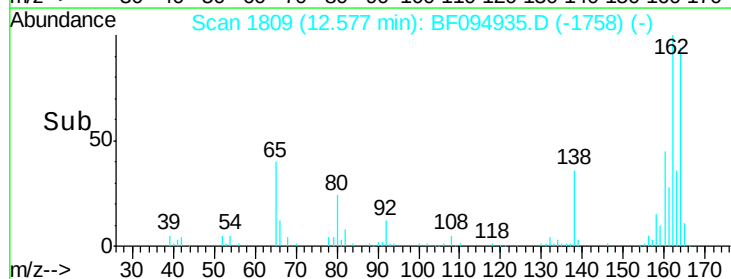
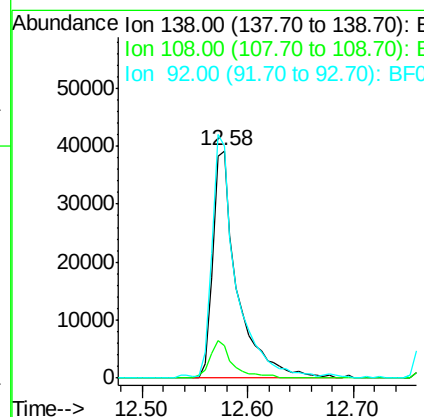
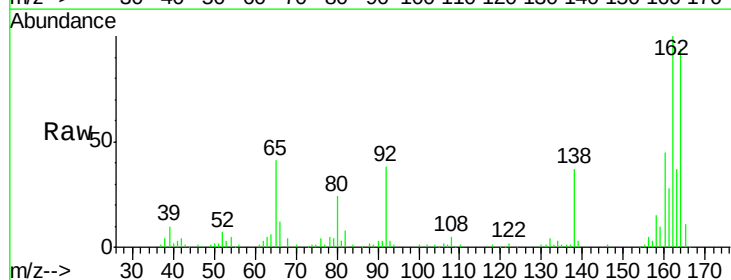
RT: 12.58 min Scan# 1809

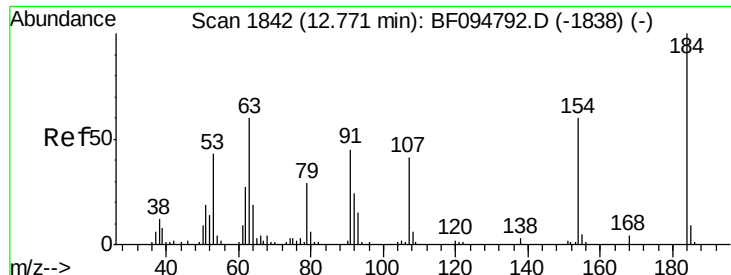
Delta R.T. -0.00 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Tgt Ion:	138	Resp:	63602
Ion Ratio	Lower	Upper	
138	100		
108	14.4	9.1	13.7#
92	102.3	93.8	140.6





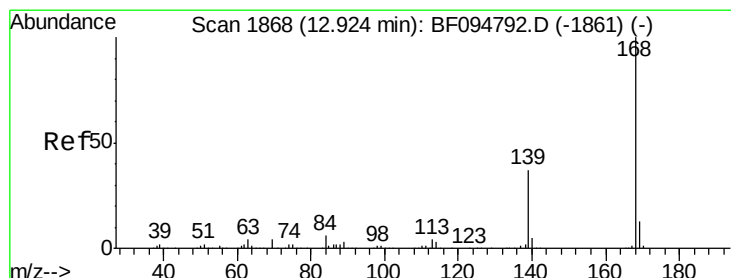
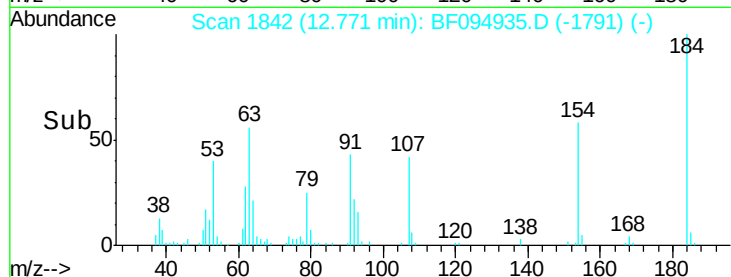
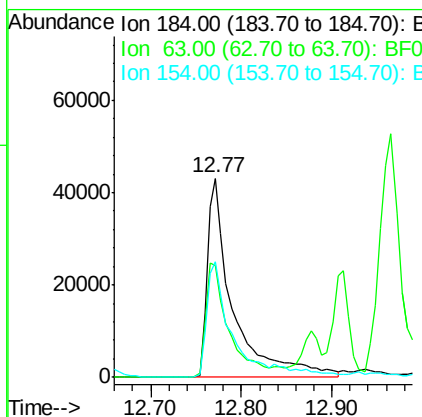
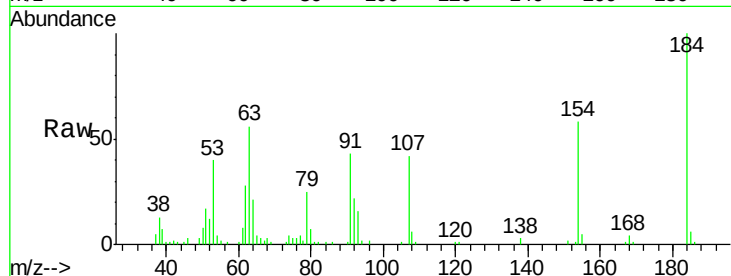
#53
 2,4-Dinitrophenol
 Concen: 53.62 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	55.8	62.7	94.1#	
154	57.9	81.1	121.7#	

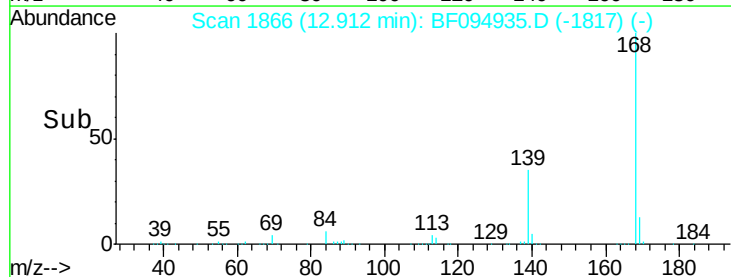
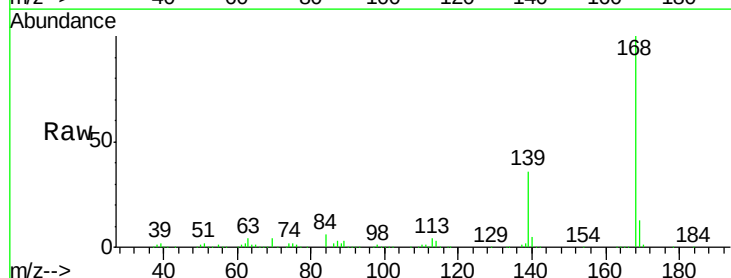
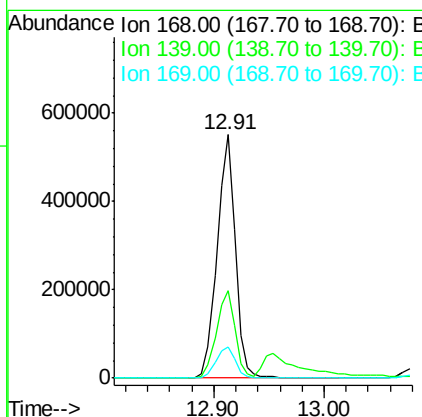
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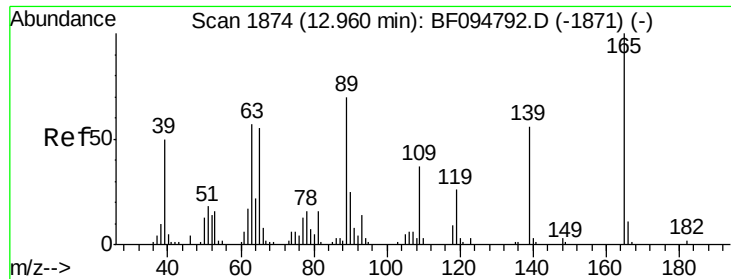
mohammad
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#54
 Dibenzofuran
 Concen: 40.10 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.9	30.6	45.8	
169	12.7	10.8	16.2	





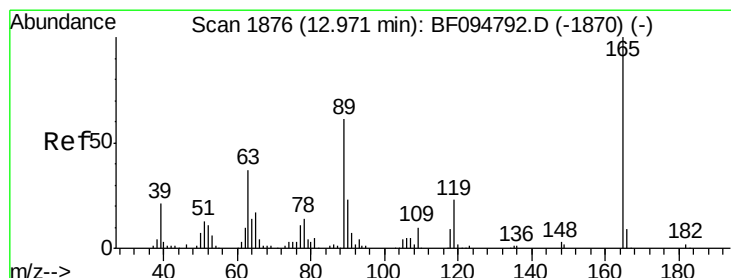
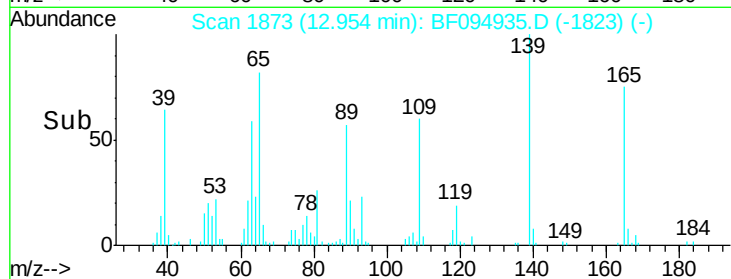
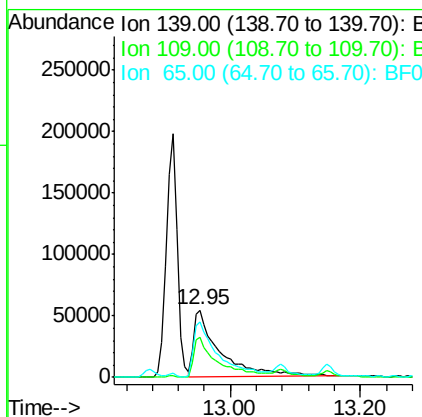
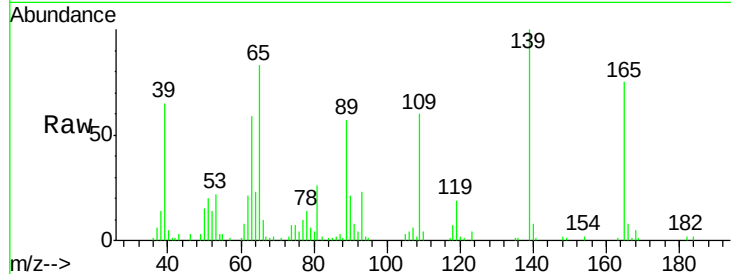
#55
4-Nitrophenol
Concen: 76.68 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	148500		
109	60.2	34.1	74.1	
65	82.7	31.4	71.4	

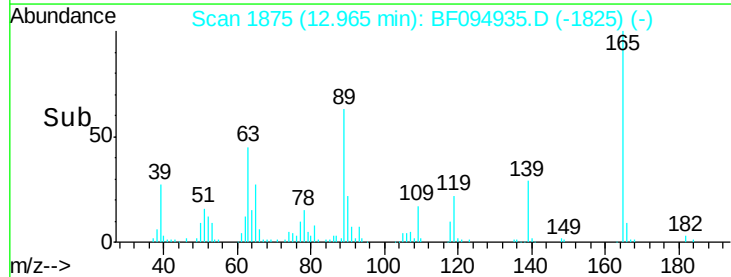
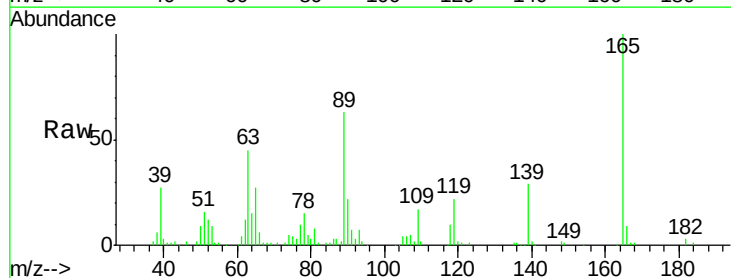
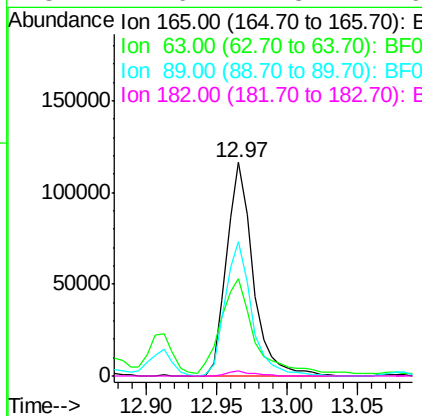
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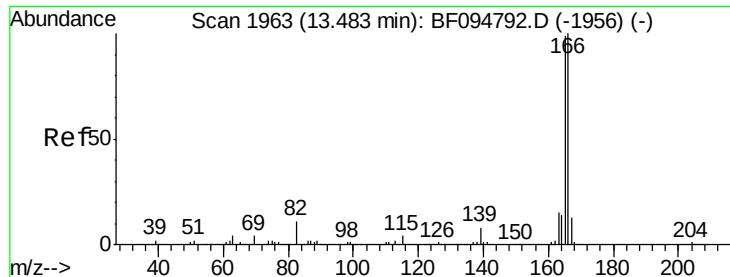
mohammad
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#56
2,4-Dinitrotoluene
Concen: 39.42 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	152166		
63	45.3	25.4	38.0	
89	63.1	46.4	69.6	
182	2.6	1.8	2.6	





#57

Fluorene

Concen: 36.62 ng

RT: 13.47 min Scan# 1960

Delta R.T. -0.02 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

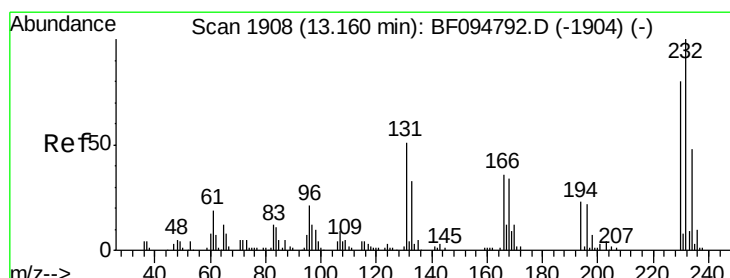
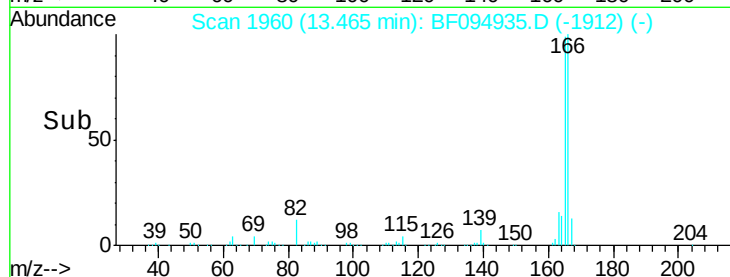
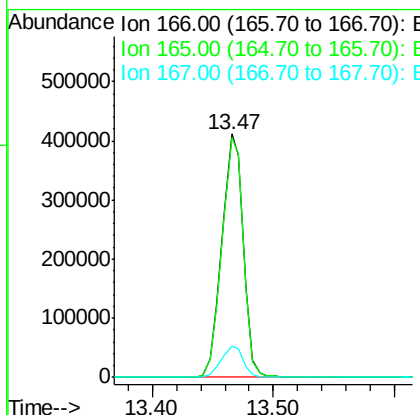
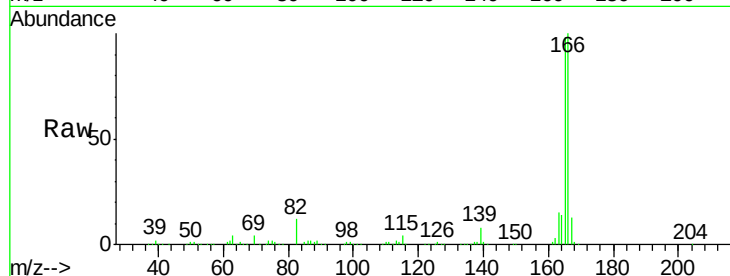
ClientSampleId :

SB-8(13-15)20170502MSD

Tgt Ion:	166	Resp:	502691
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.8	118.2
167	13.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.83 ng

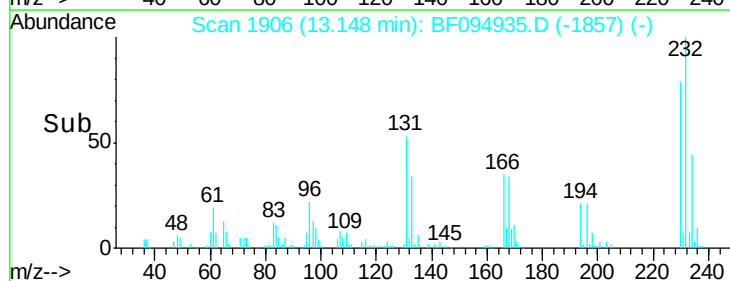
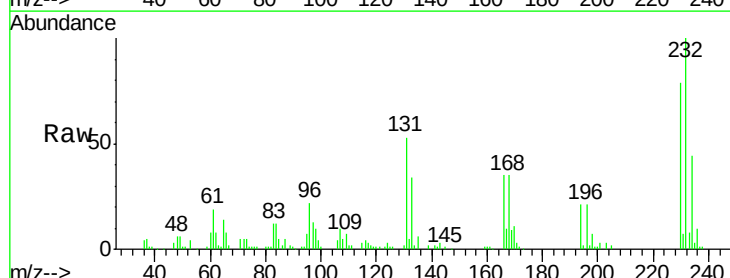
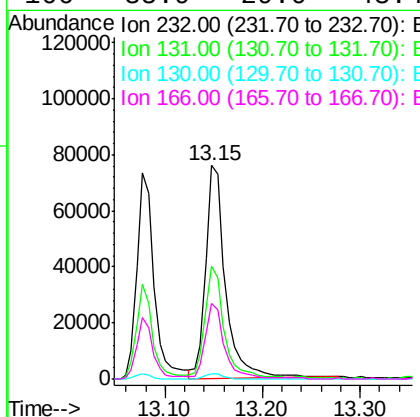
RT: 13.15 min Scan# 1906

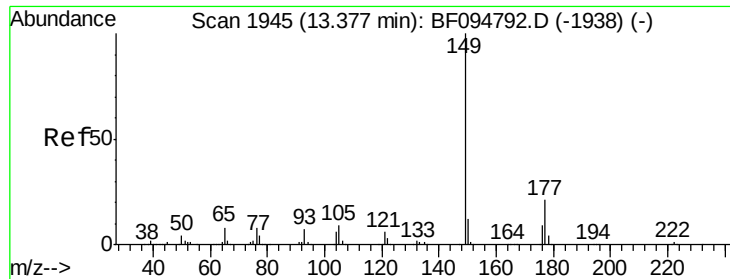
Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Tgt Ion:	232	Resp:	106705
Ion Ratio	Lower	Upper	
232	100		
131	50.5	44.8	67.2
130	2.1	2.3	3.5#
166	35.9	29.0	43.4





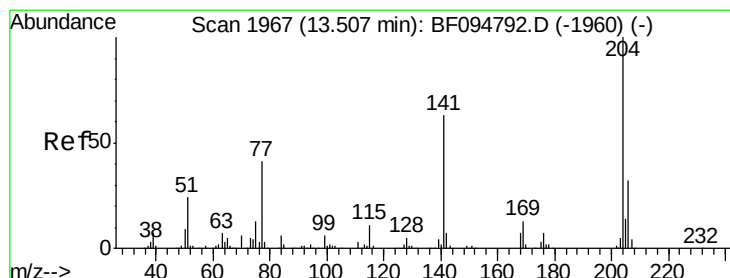
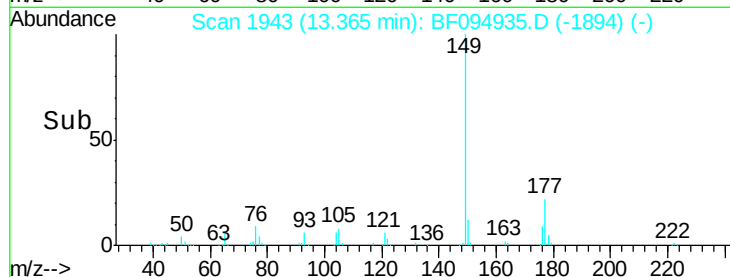
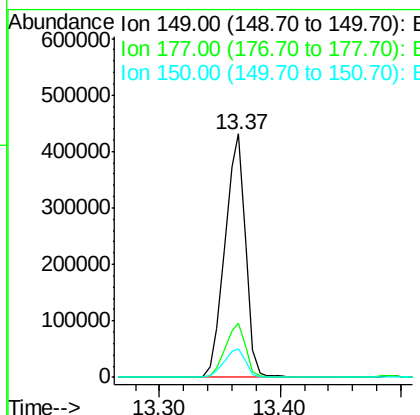
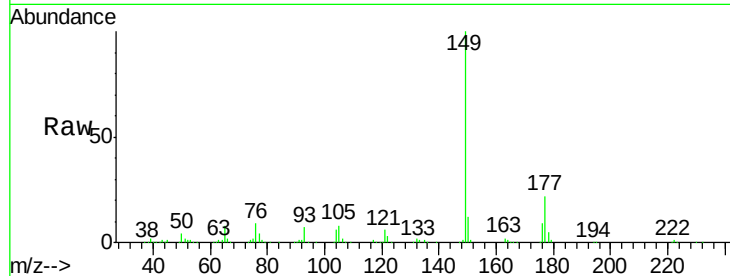
#59
Diethylphthalate
Concen: 35.96 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	507555		
177	22.2	16.7	25.1	
150	11.9	10.2	15.2	

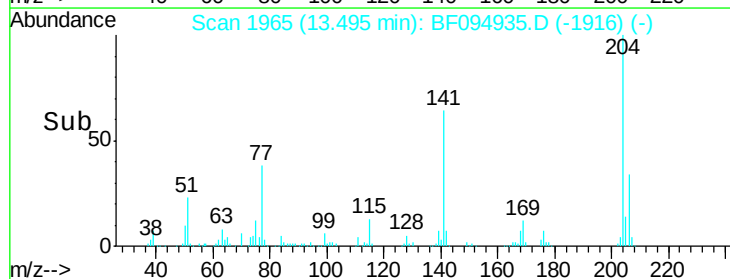
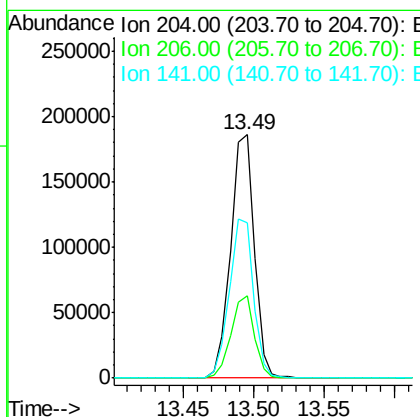
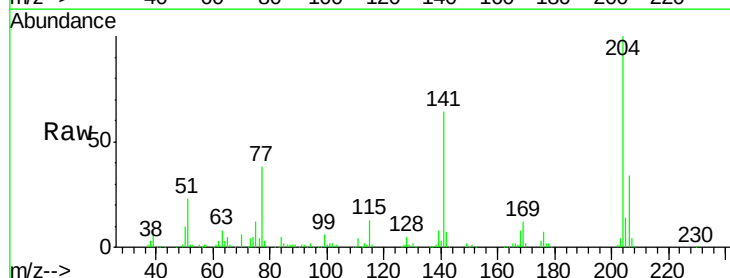
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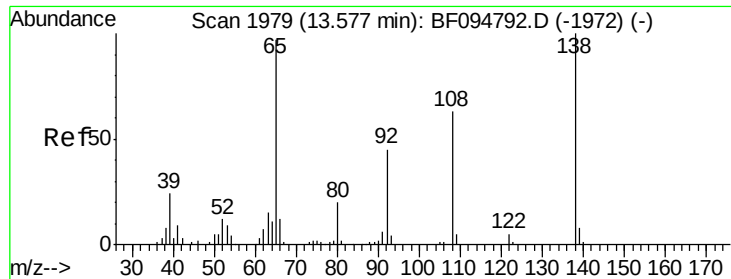
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#60
4-Chlorophenyl-phenylether
Concen: 36.17 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	218235		
206	33.6	26.2	39.2	
141	63.6	60.8	91.2	





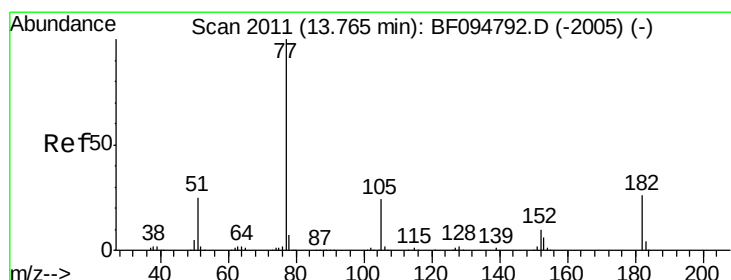
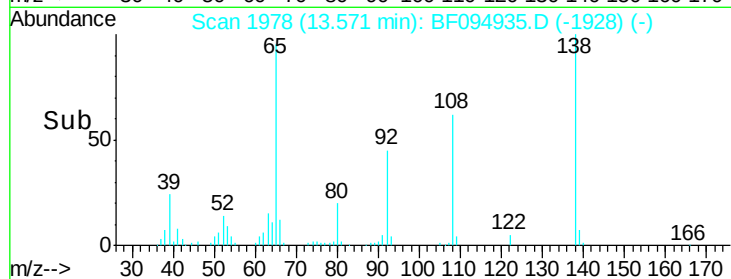
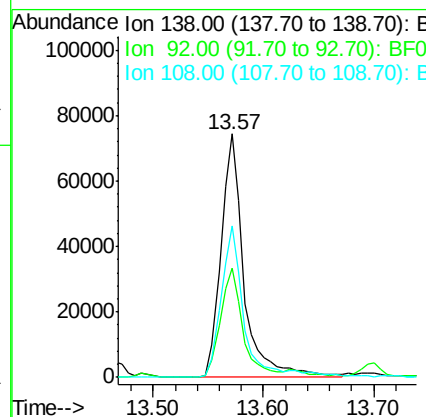
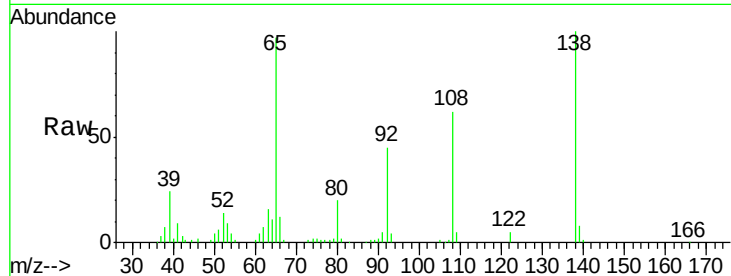
#61
4-Nitroaniline
Concen: 36.32 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.1	21.8	61.8
108	62.0	42.3	82.3

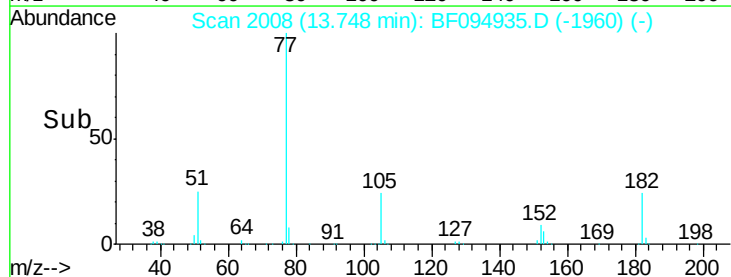
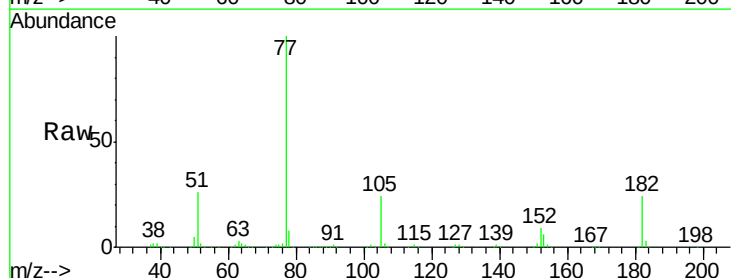
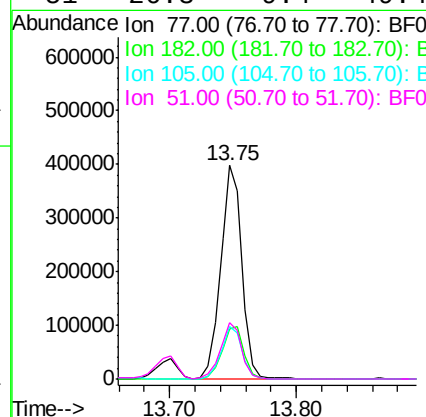
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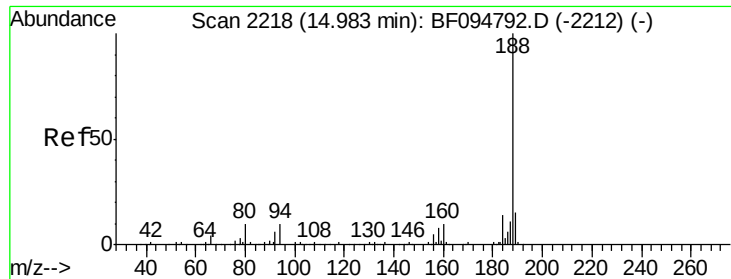
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#62
Azobenzene
Concen: 40.66 ng
RT: 13.75 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	0.1	40.1
105	24.4	3.6	43.6
51	26.3	9.4	49.4





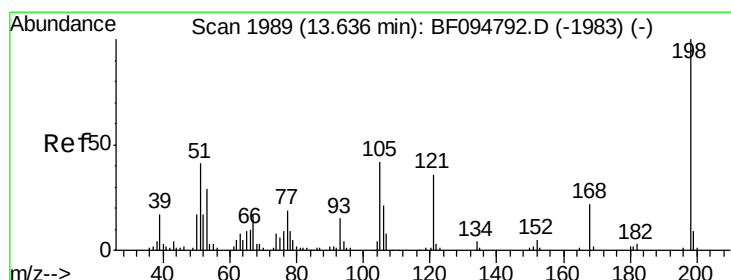
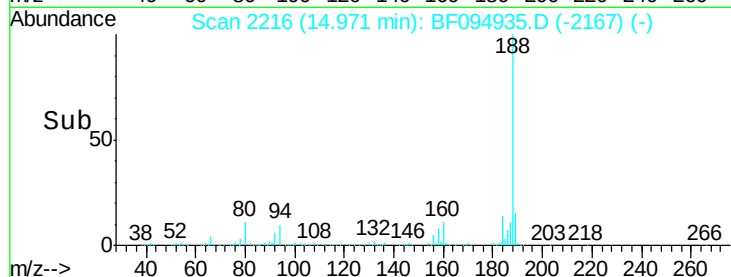
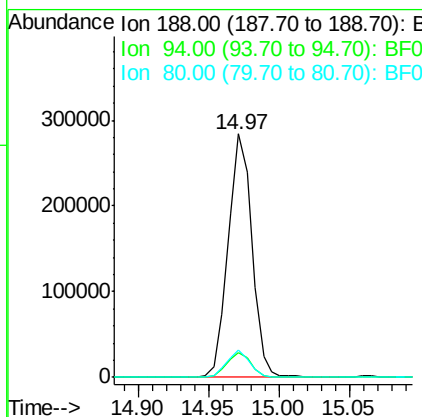
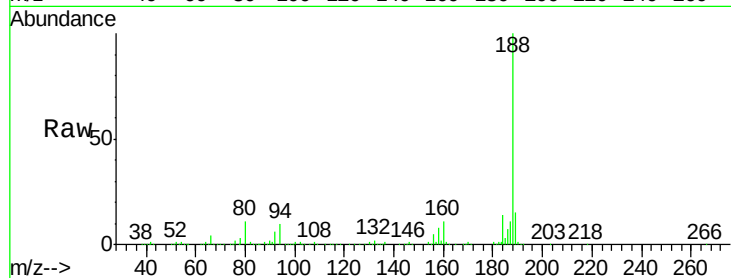
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

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

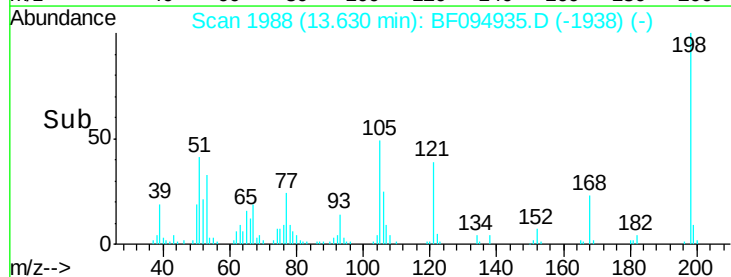
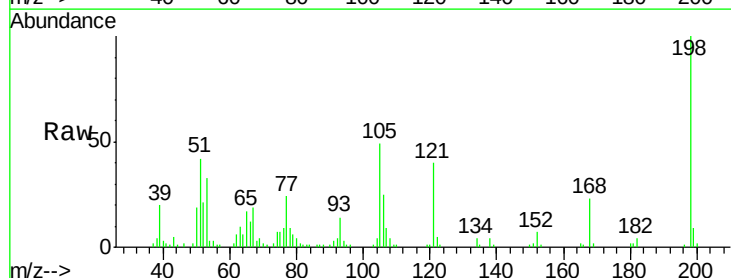
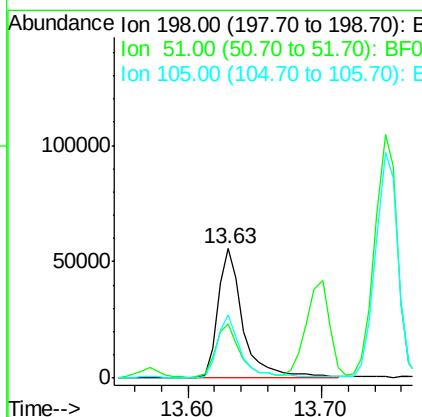
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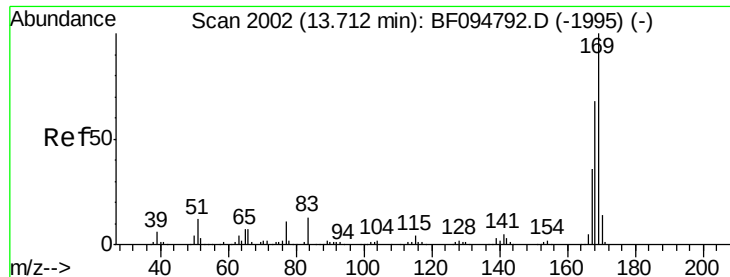
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.08 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	41.8	53.2	93.2#
105	48.7	45.8	85.8





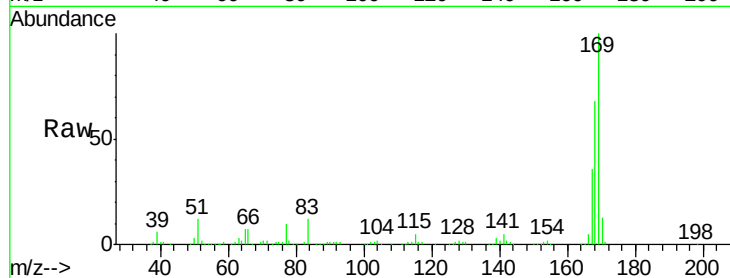
#65
n-Nitrosodiphenylamine
Concen: 34.57 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

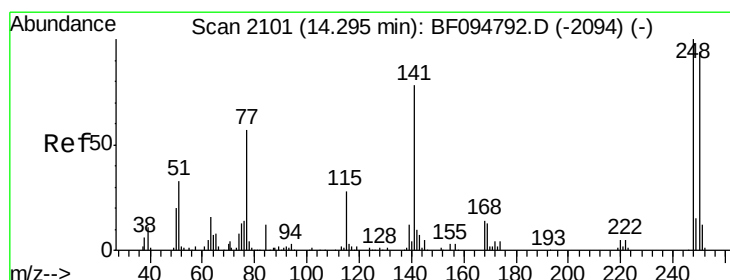
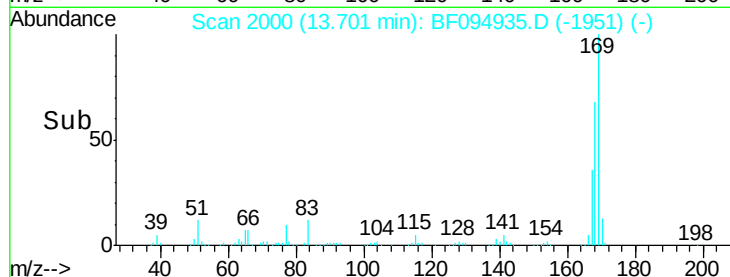
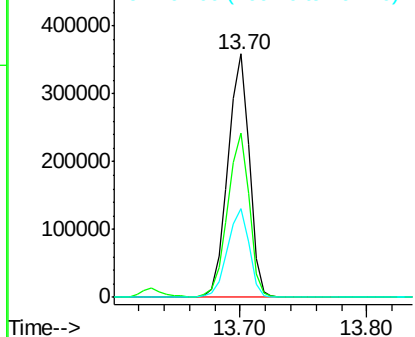
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	419495		
168	67.6	53.2	79.8	
167	36.3	29.5	44.3	

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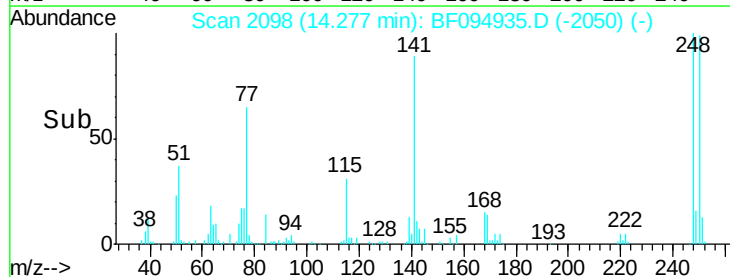
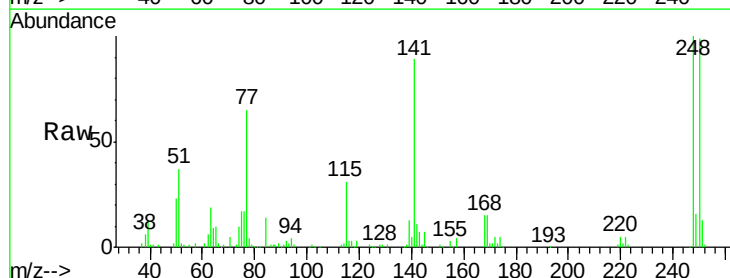
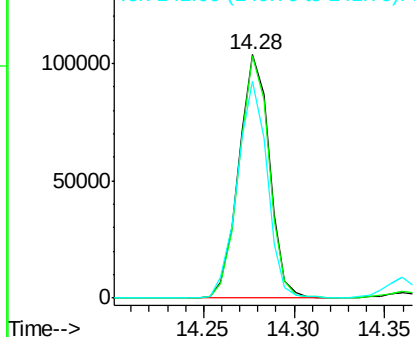
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

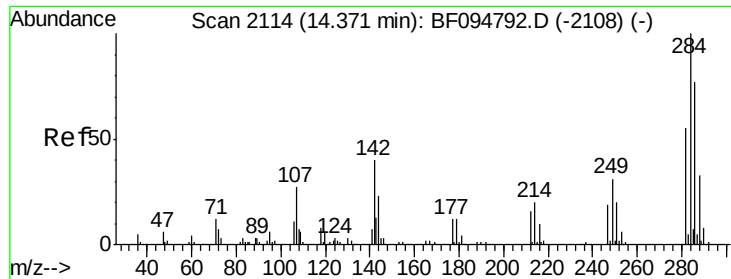


#66
4-Bromophenyl-phenylether
Concen: 34.68 ng
RT: 14.28 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	122525		
250	99.4	76.8	115.2	
141	89.1	68.6	103.0	

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





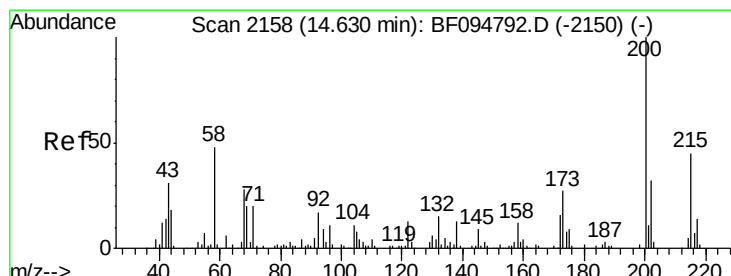
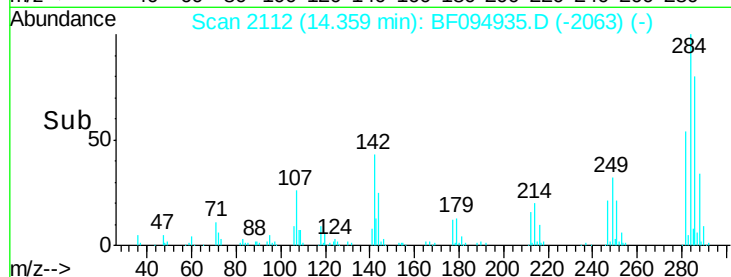
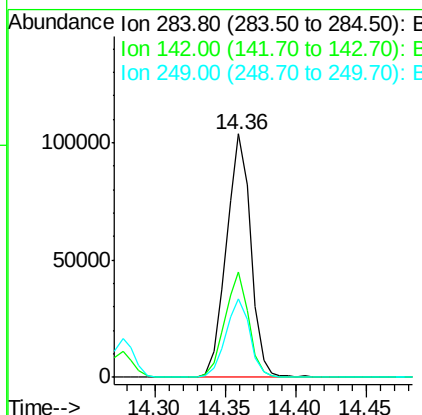
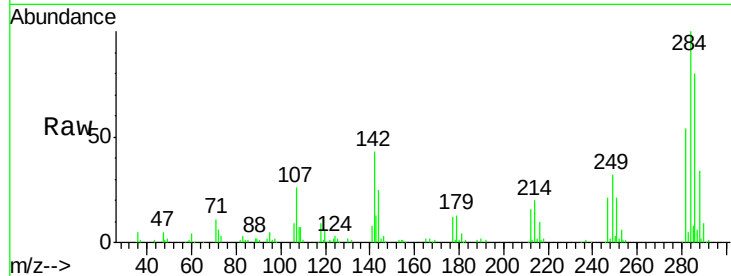
#67
Hexachlorobenzene
Concen: 34.25 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	43.1	22.8	34.2#
249	32.1	24.0	36.0

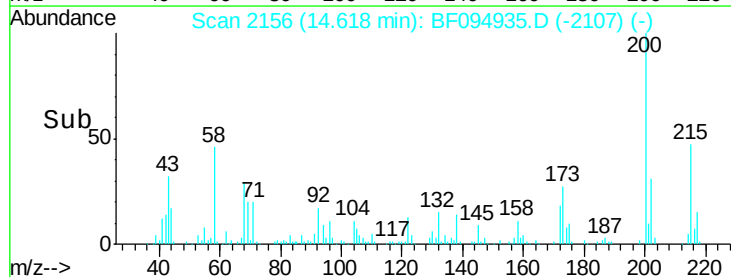
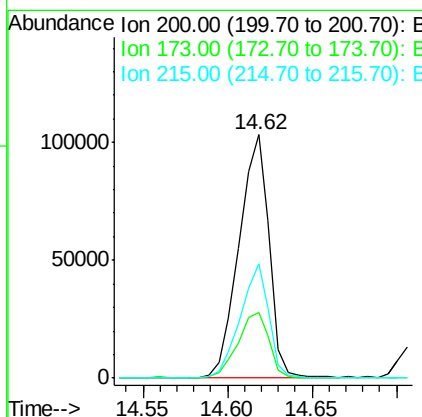
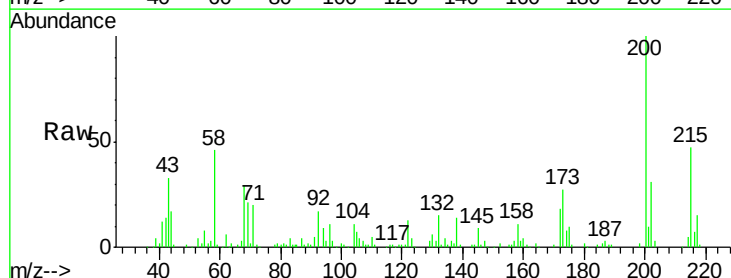
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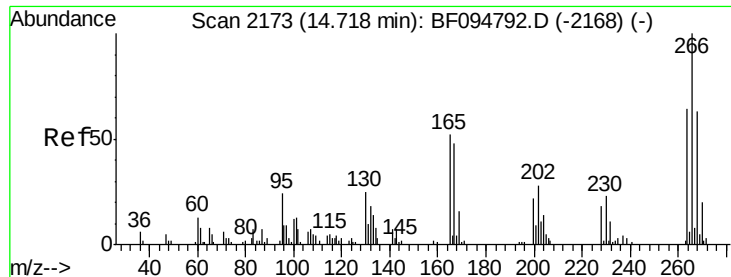
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#68
Atrazine
Concen: 37.50 ng
RT: 14.62 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.2	6.3	46.3
215	47.0	27.2	67.2





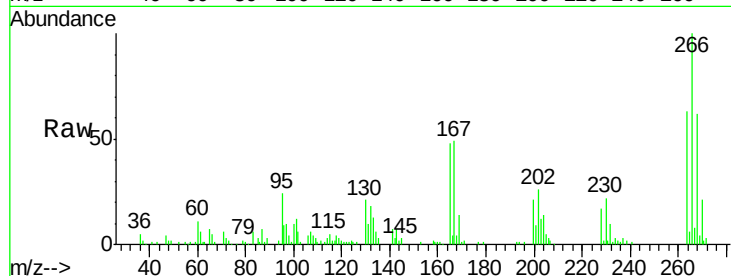
#69
 Pentachlorophenol
 Concen: 64.71 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MSD

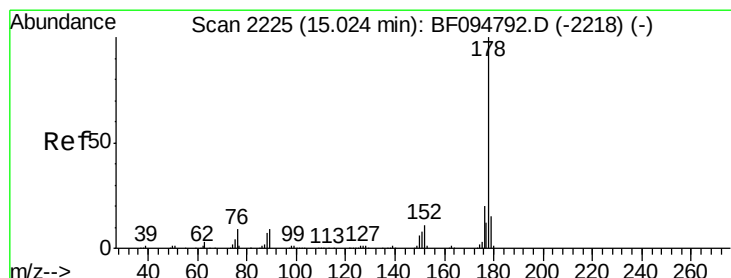
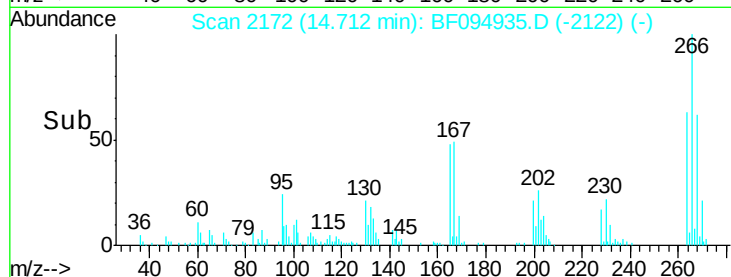
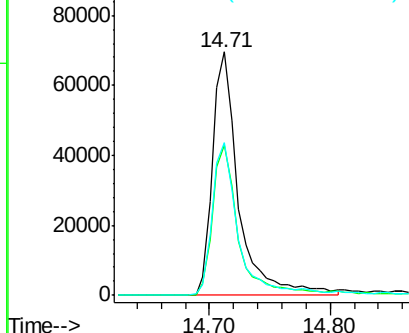
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	103944		
268	61.6	51.1	76.7	
264	62.6	51.7	77.5	

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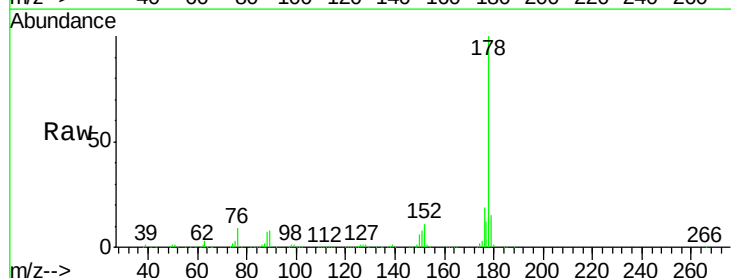


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

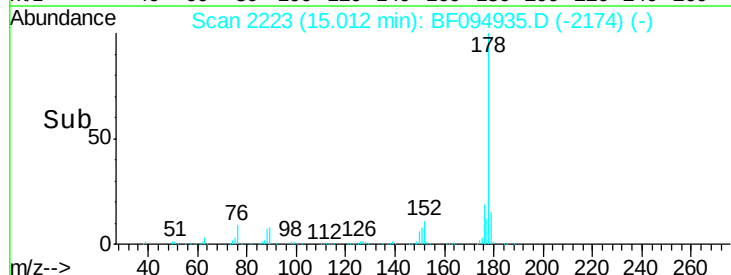
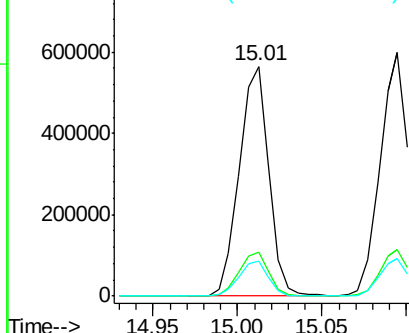


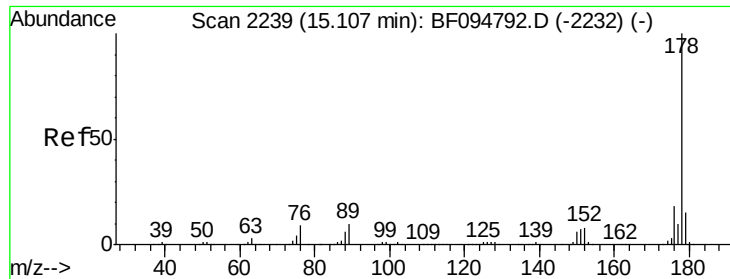
#70
 Phenanthrene
 Concen: 35.97 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	691128		
176	19.2	16.2	24.4	
179	15.1	12.6	19.0	



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





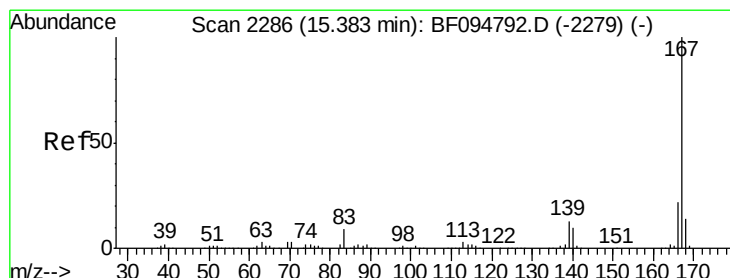
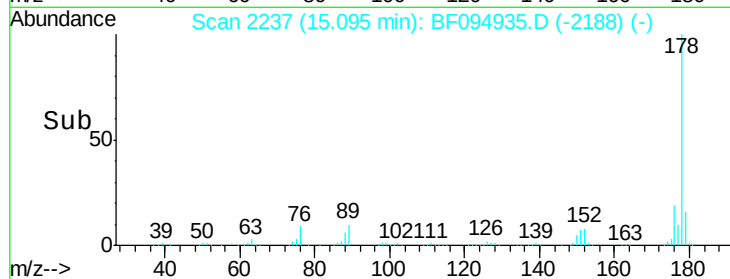
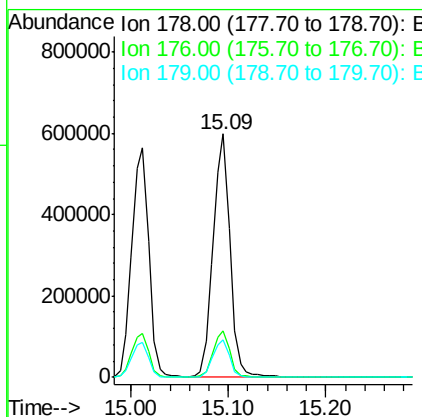
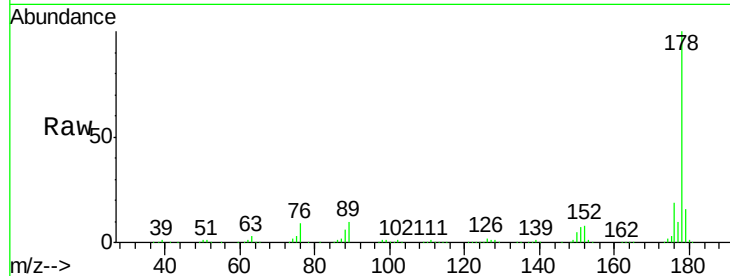
#71
 Anthracene
 Concen: 36.79 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	722008		
176	18.9	15.8	23.8	
179	15.7	12.7	19.1	

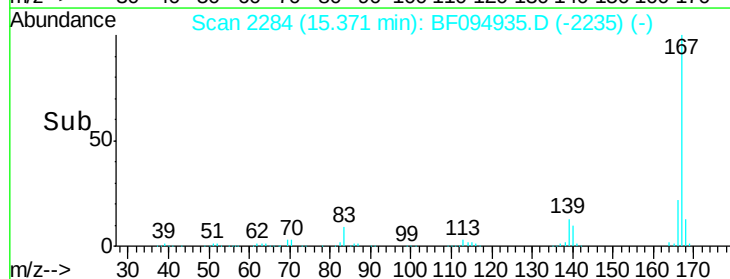
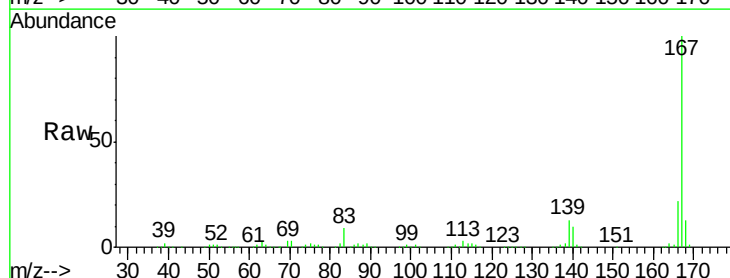
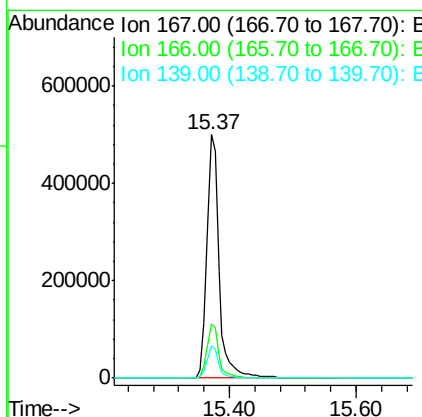
Manual Integrations
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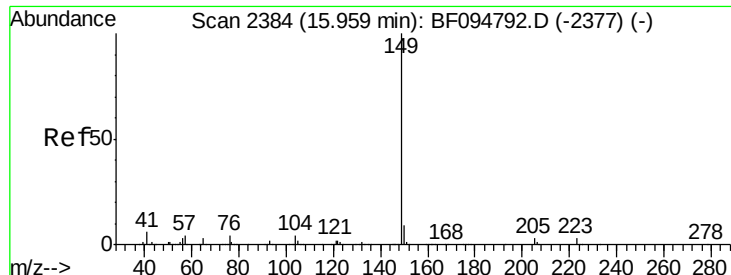
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#72
 Carbazole
 Concen: 37.91 ng
 RT: 15.37 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	676992		
166	22.3	18.1	27.1	
139	13.3	11.7	17.5	





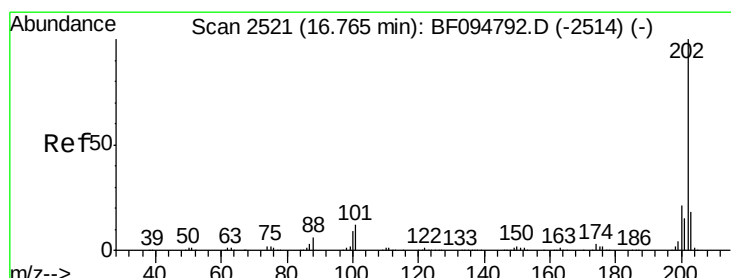
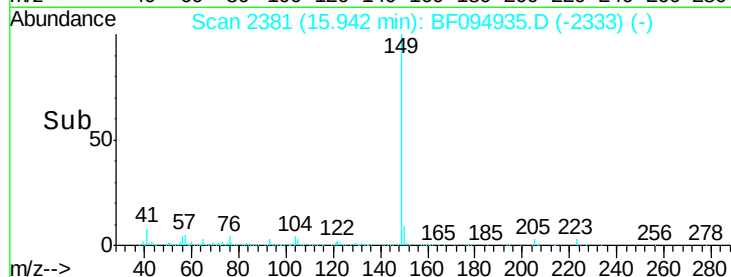
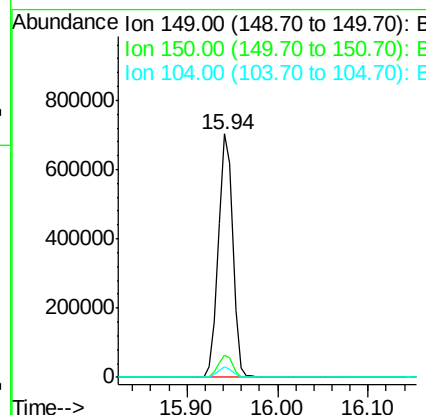
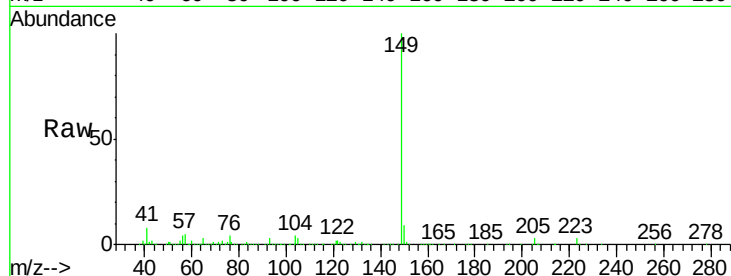
#73
Di-n-butylphthalate
Concen: 35.18 ng
RT: 15.94 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	783306		
150	9.3	7.7	11.5	
104	4.5	4.0	6.0	

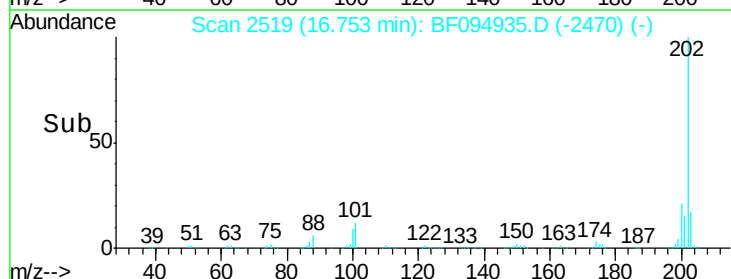
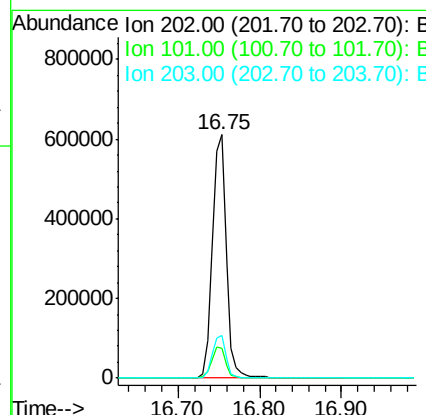
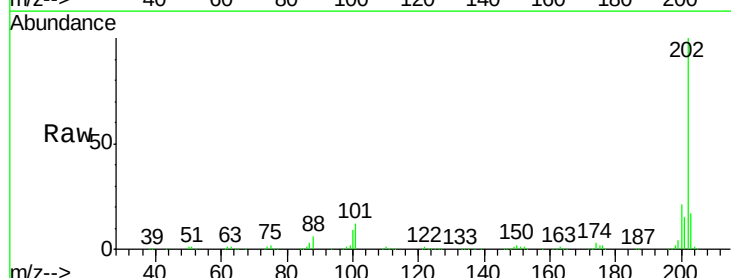
Manual Integrations
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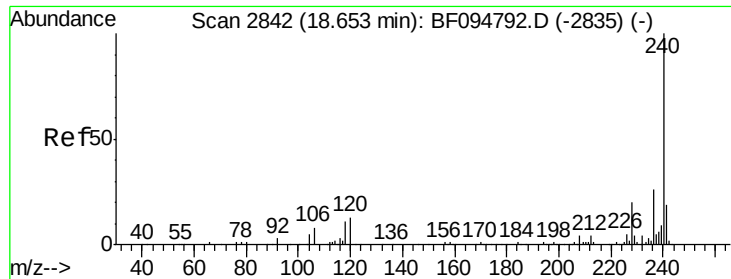
mohammad
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#74
Fluoranthene
Concen: 36.48 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	718990		
101	12.4	0.0	33.2	
203	17.4	0.0	38.1	





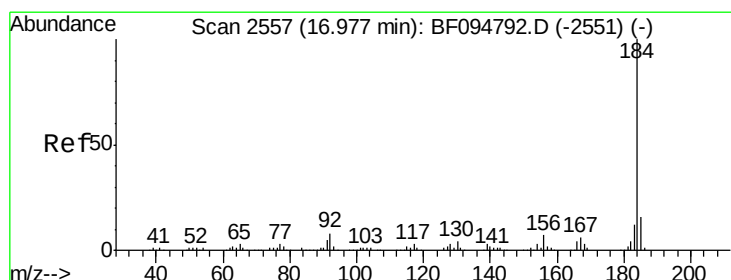
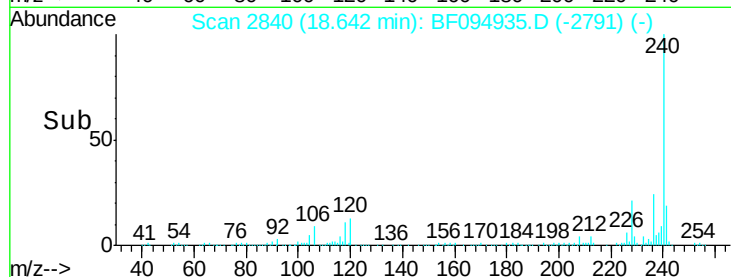
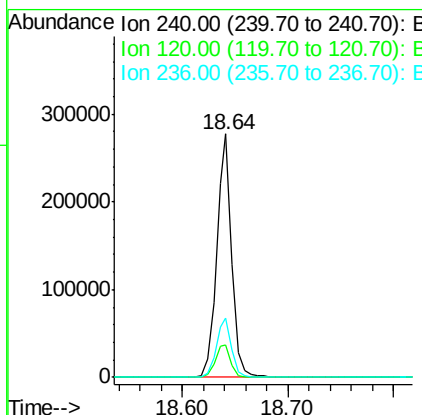
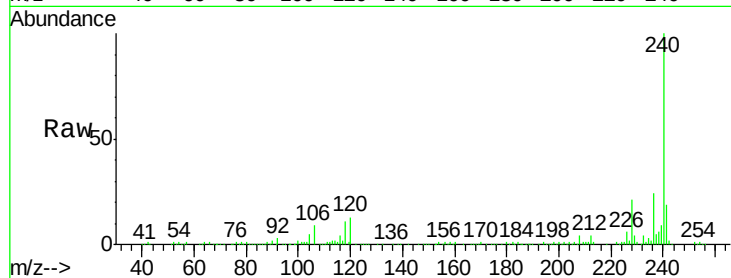
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

Tgt Ion: 240 Resp: 277380
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 24.4 20.5 30.7

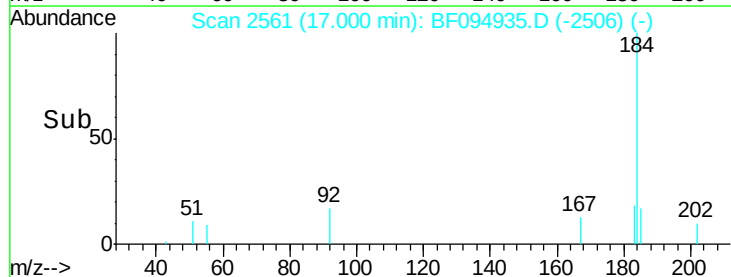
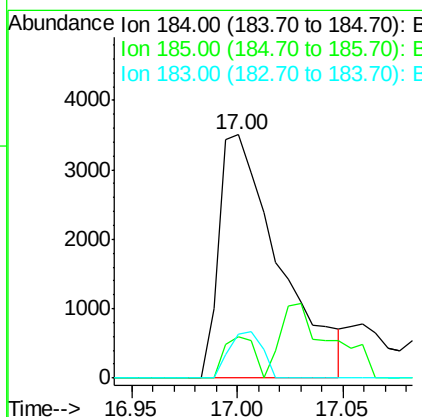
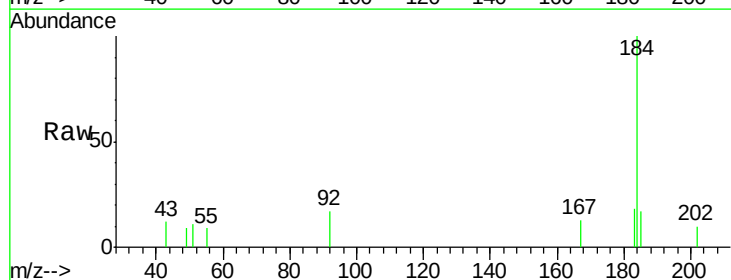
Manual Integrations
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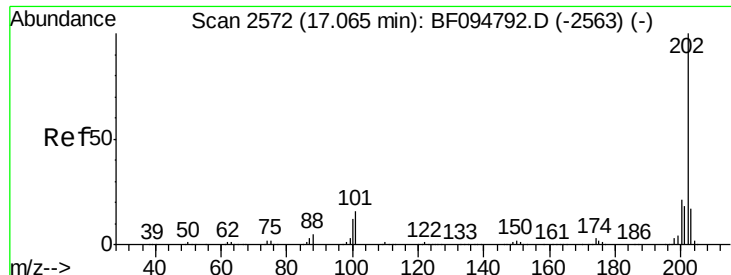
mohammad
5/8/2017 2:48:04 PM



#76
Benzidine
Concen: 7.39 ng
RT: 17.00 min Scan# 2561
Delta R.T. 0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion: 184 Resp: 6945
Ion Ratio Lower Upper
184 100
185 17.2 15.5 23.3
183 18.2 9.8 14.6#





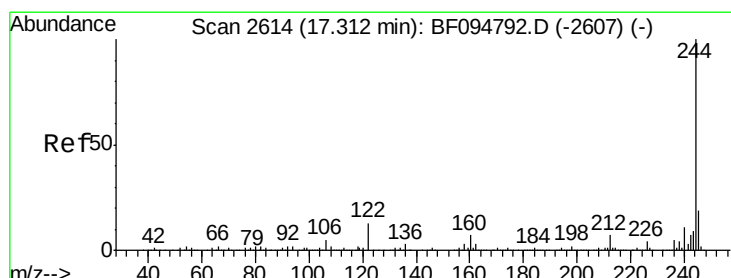
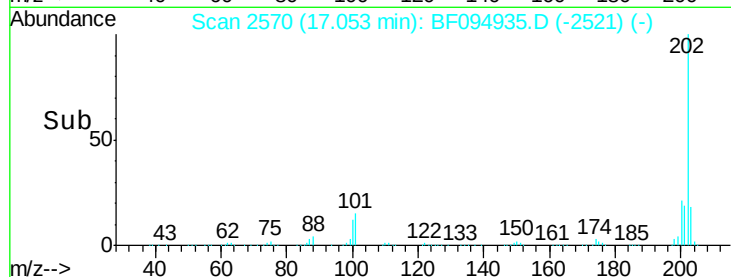
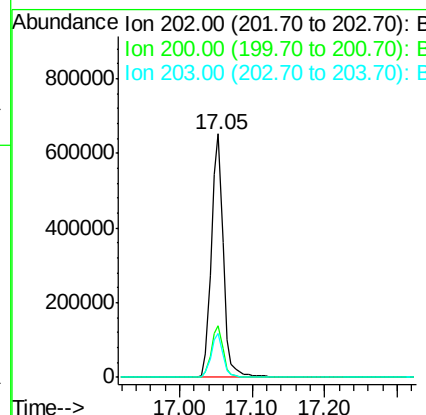
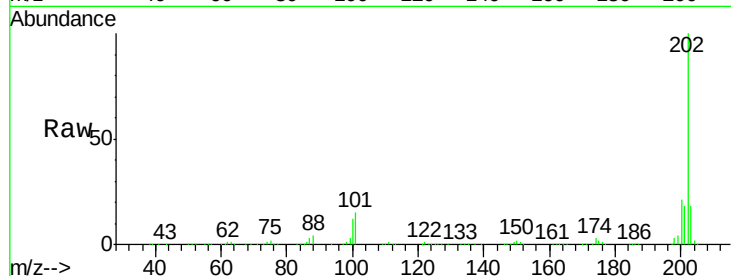
#77
 Pyrene
 Concen: 36.13 ng
 RT: 17.05 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.2	17.6	26.4
203	18.1	14.4	21.6

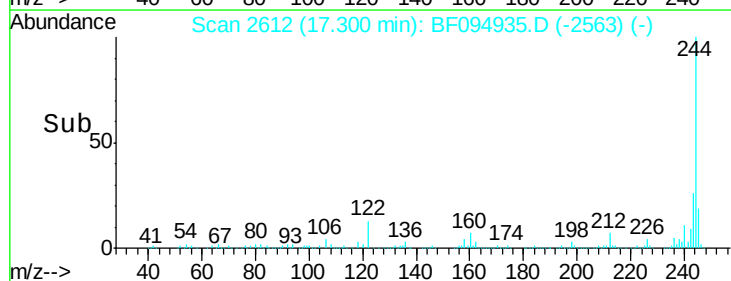
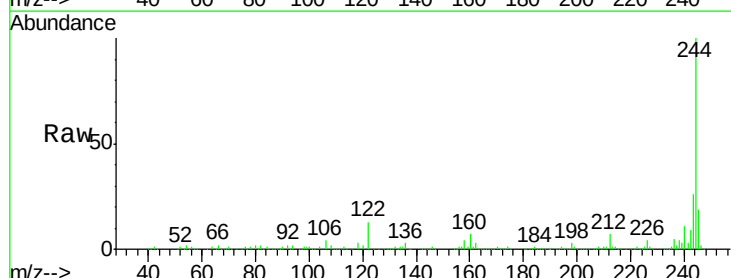
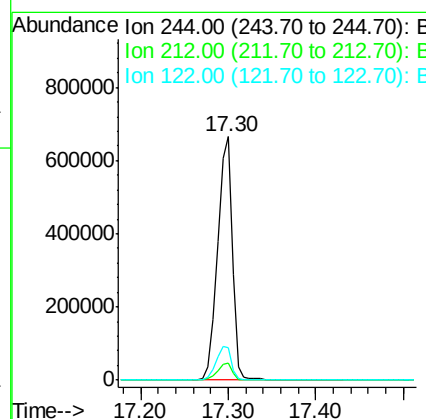
Manual Integrations
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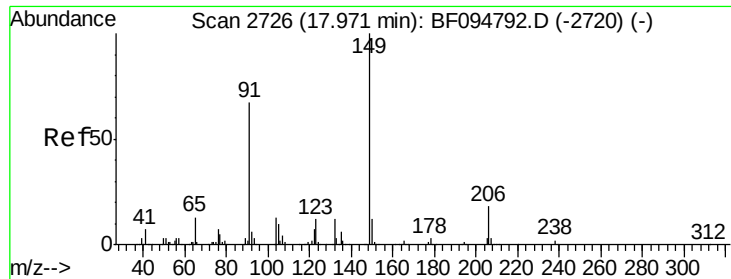
mohammad
 5/8/2017 2:48:04 PM



#78
 Terphenyl-d14
 Concen: 62.28 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	6.0	9.0
122	13.1	10.3	15.5





#79

Butylbenzylphthalate

Concen: 34.57 ng

RT: 17.96 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

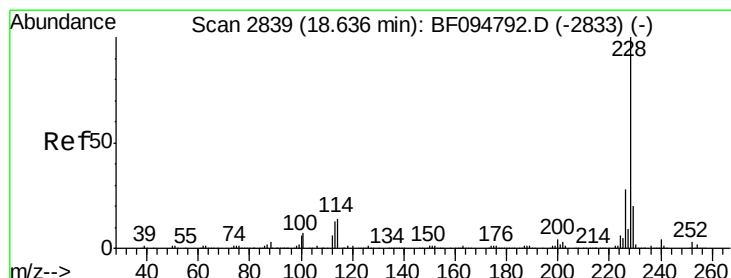
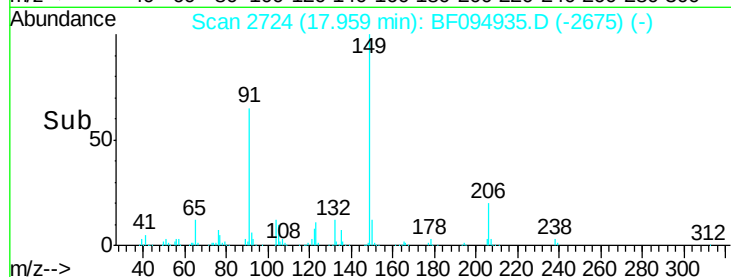
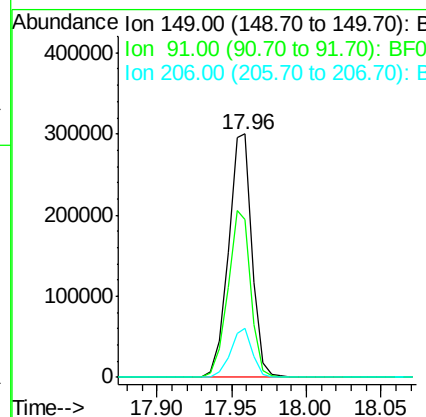
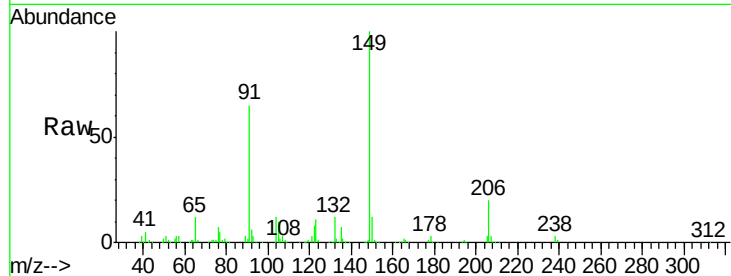
ClientSampleId :

SB-8(13-15)20170502MSD

Tgt Ion:	149	Resp:	333585
Ion Ratio	Lower	Upper	
149	100		
91	65.0	45.0	67.4
206	20.1	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 36.16 ng

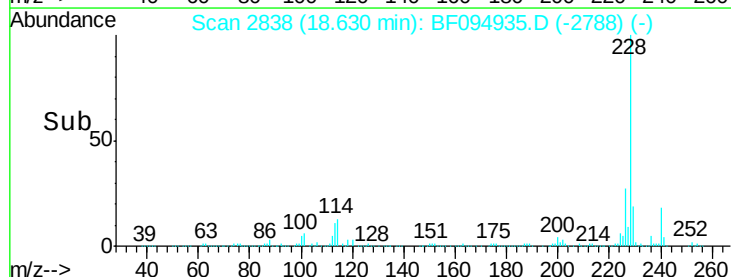
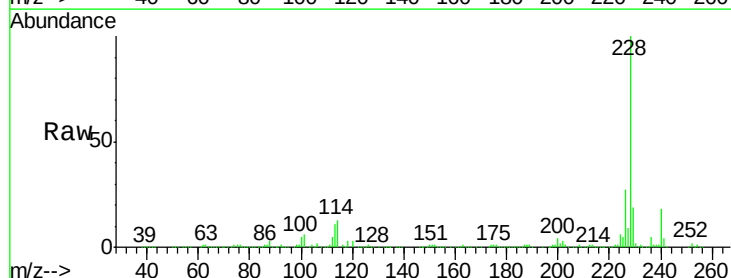
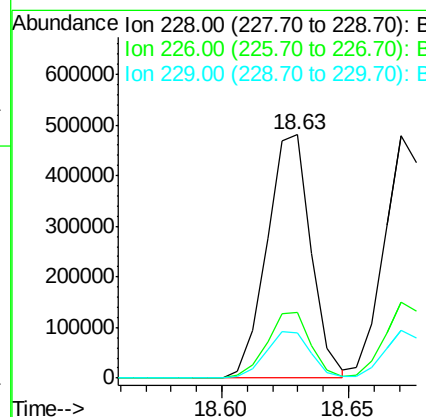
RT: 18.63 min Scan# 2838

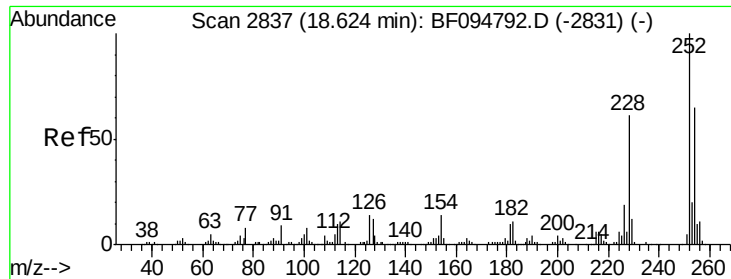
Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Tgt Ion:	228	Resp:	583777
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.6	33.8
229	18.8	16.3	24.5





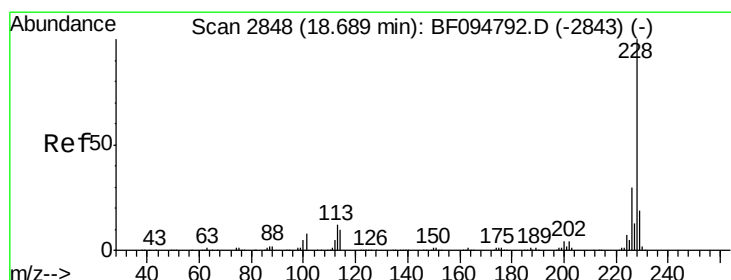
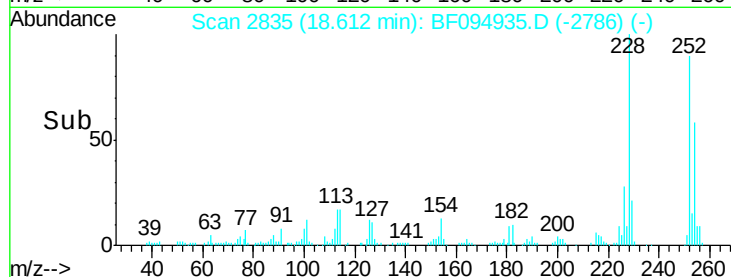
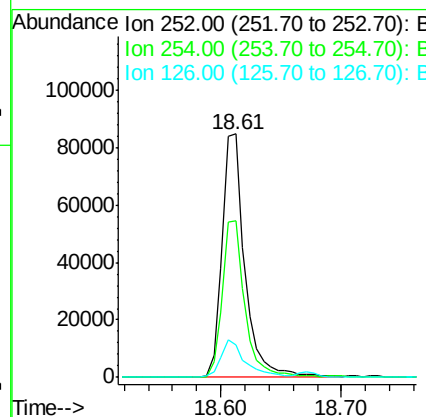
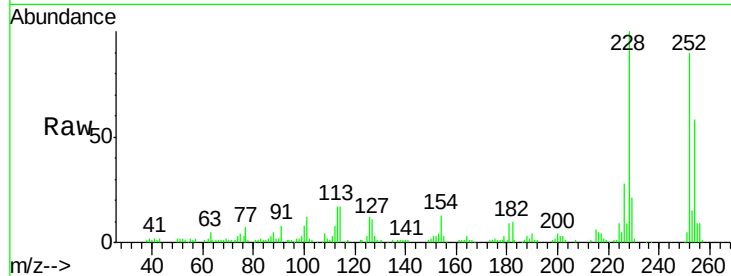
#81
 3,3'-Dichlorobenzidine
 Concen: 19.78 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	110301		
254	64.4	51.5	77.3	
126	13.3	15.8	23.8	

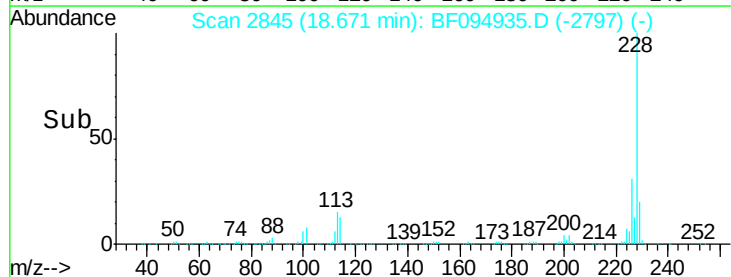
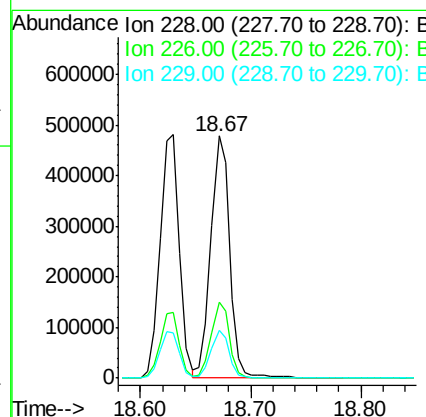
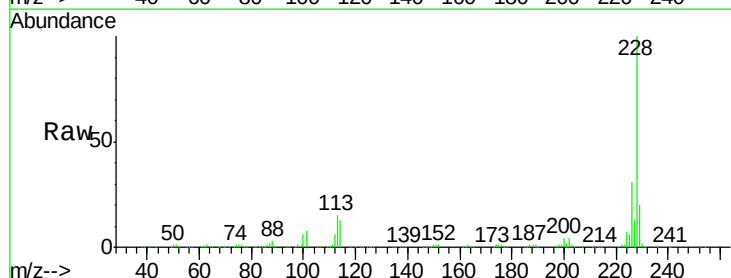
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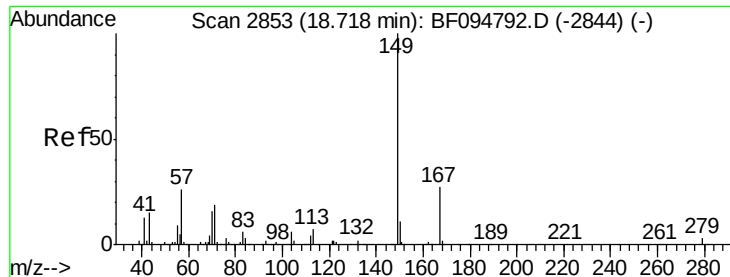
mohammad
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#82
 Chrysene
 Concen: 35.40 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	552563		
226	31.1	24.9	37.3	
229	19.7	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.83 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

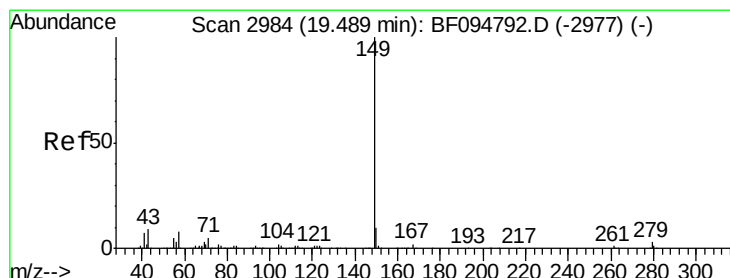
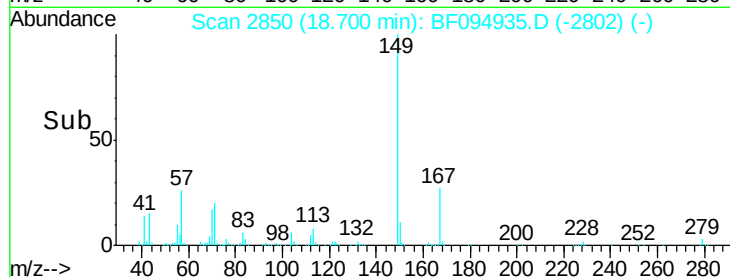
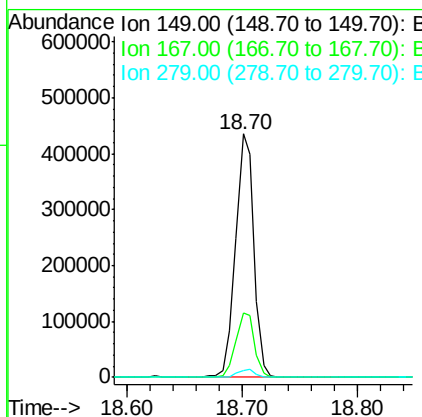
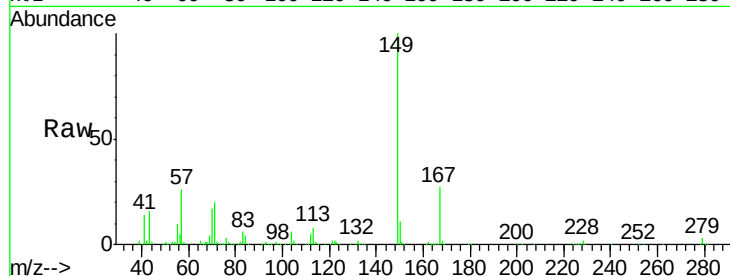
ClientSampleId :

SB-8(13-15)20170502MSD

Tgt Ion:	149	Resp:	478861
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.0	31.4
279	2.9	1.9	2.9#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 34.40 ng

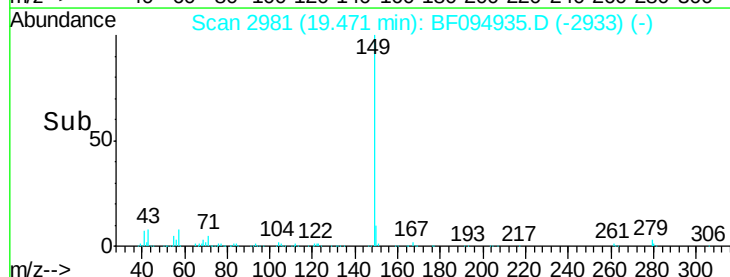
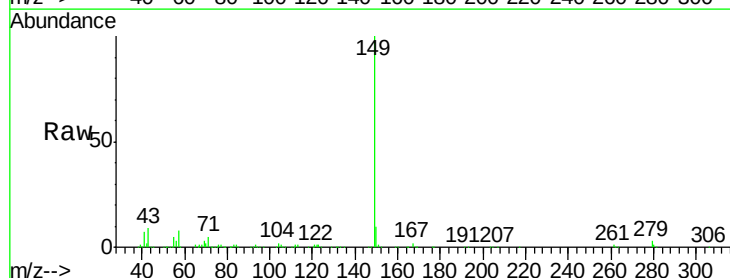
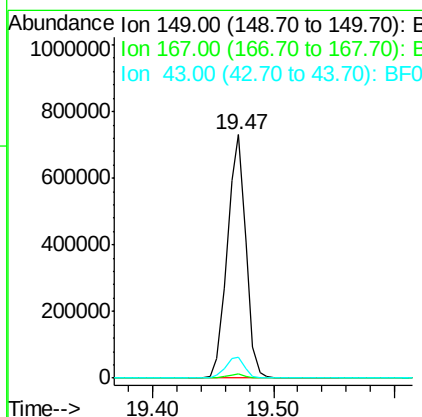
RT: 19.47 min Scan# 2981

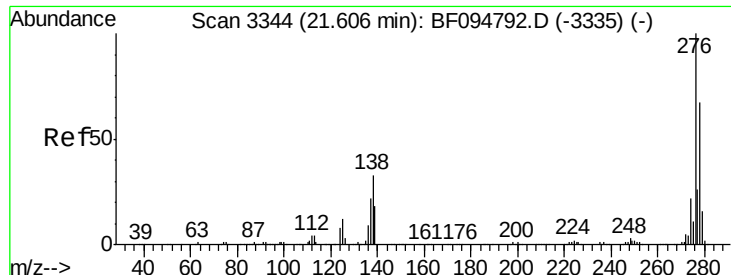
Delta R.T. -0.02 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Tgt Ion:	149	Resp:	775470
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	8.9	8.5	12.7





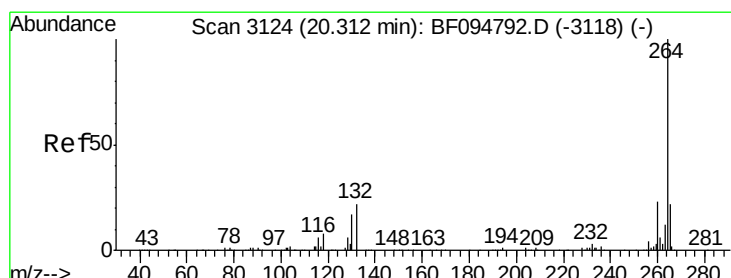
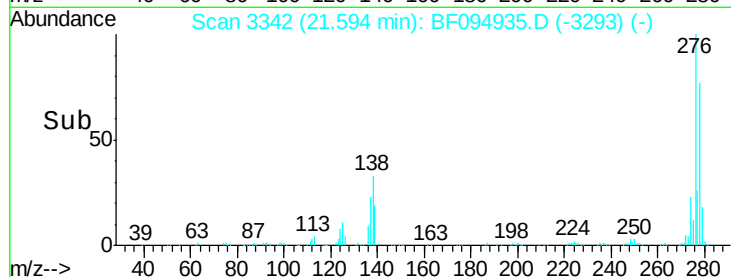
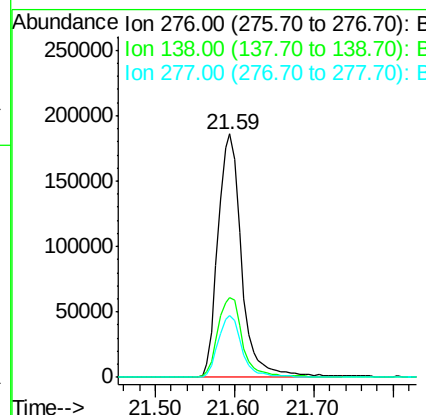
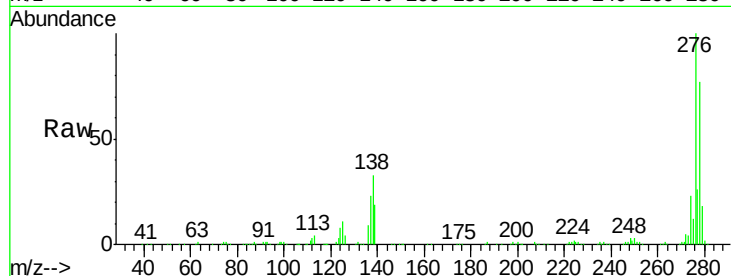
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.42 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	385559		
138	34.6		27.8	41.6
277	25.5		20.2	30.4

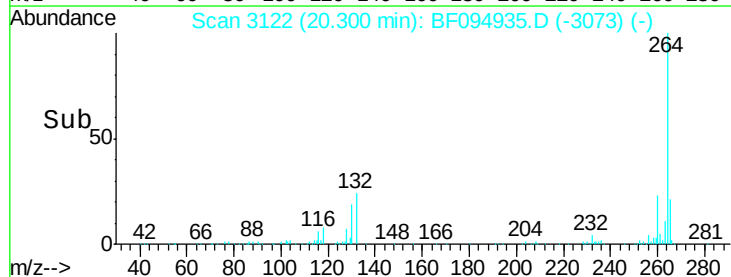
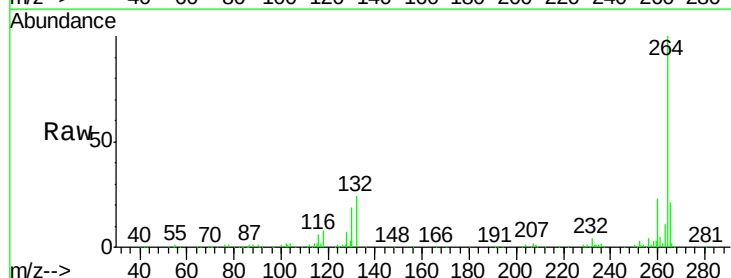
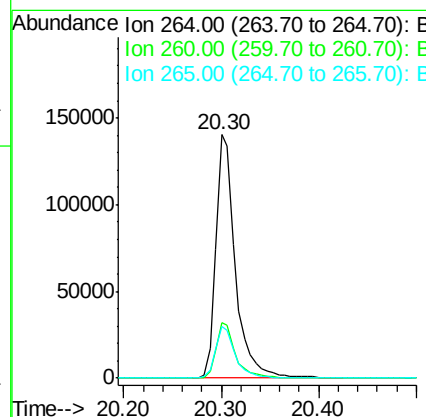
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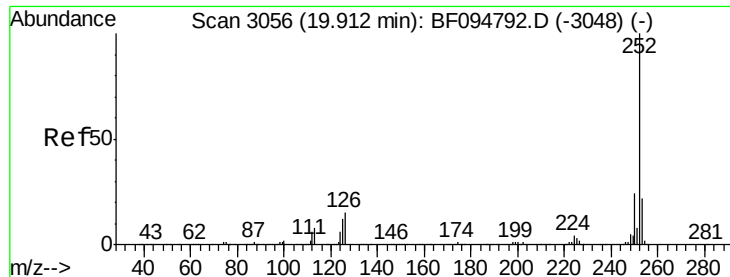
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	194305		
260	23.0		19.5	29.3
265	21.5		17.2	25.8





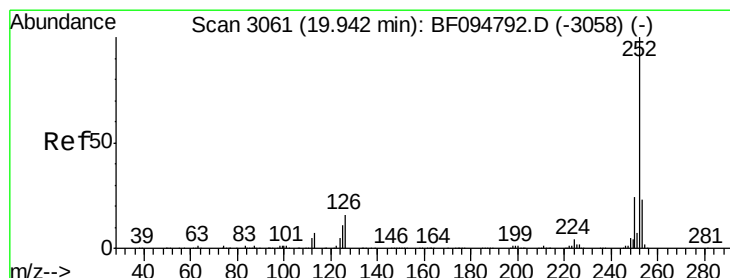
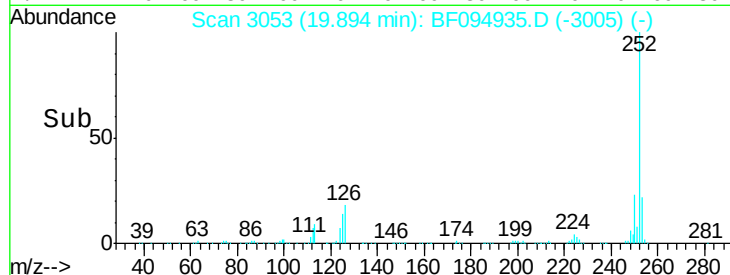
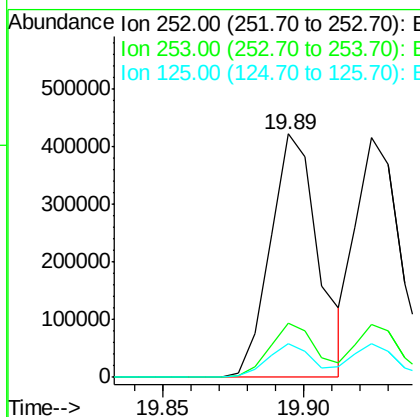
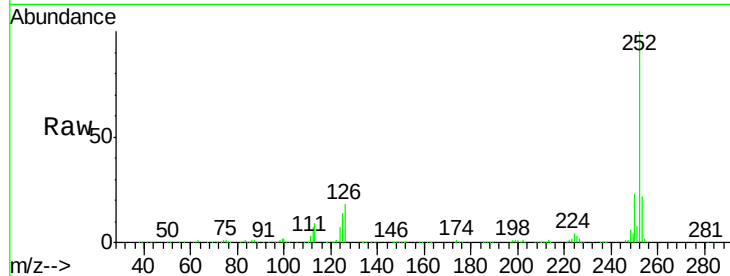
#87
Benzo(b)fluoranthene
Concen: 41.57 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.8	9.8	14.8

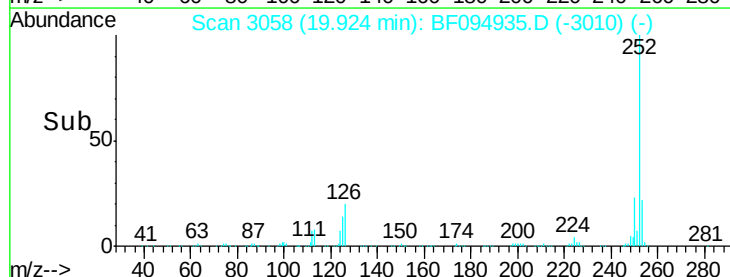
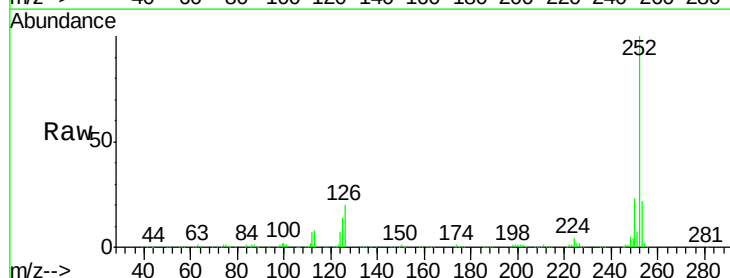
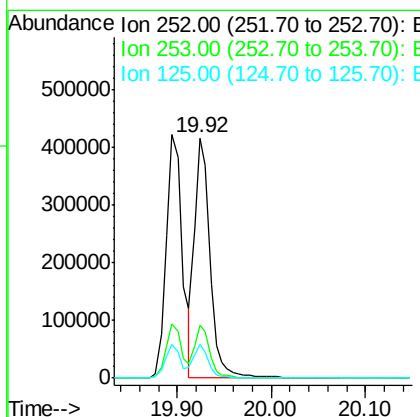
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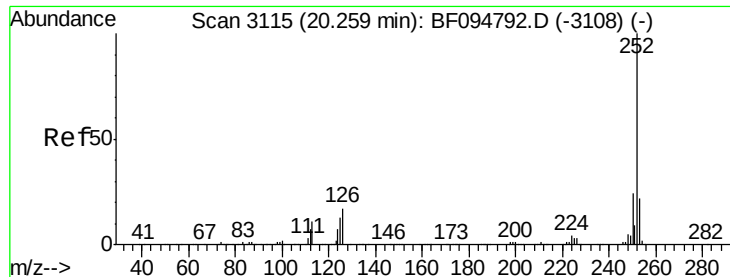
mohammad
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#88
Benzo(k)fluoranthene
Concen: 41.25 ng
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	14.1	13.1	19.7





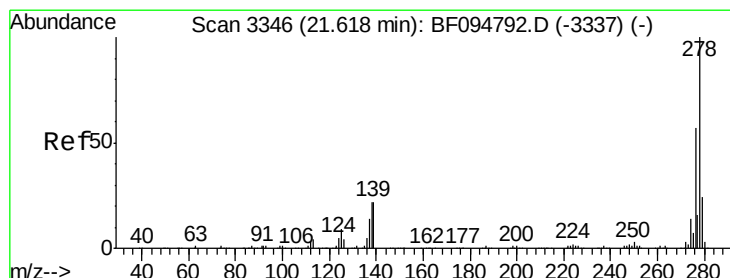
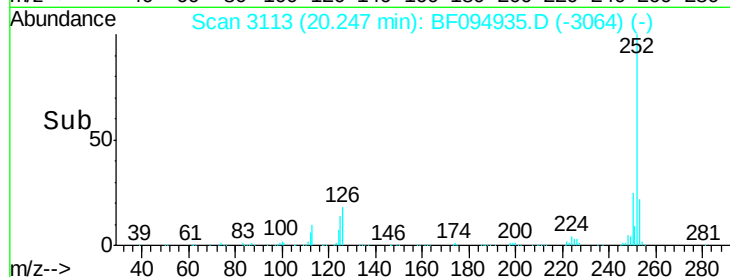
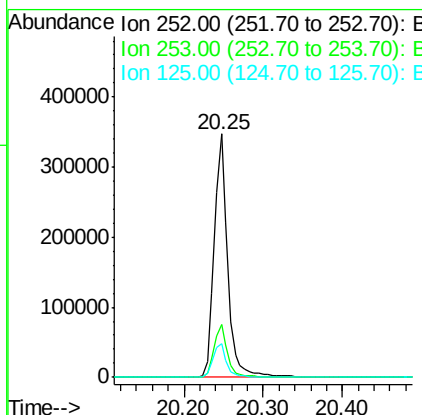
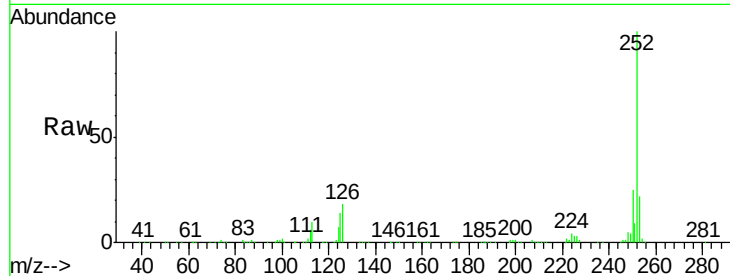
#89
Benzo(a)pyrene
Concen: 36.69 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.1	11.0	16.4

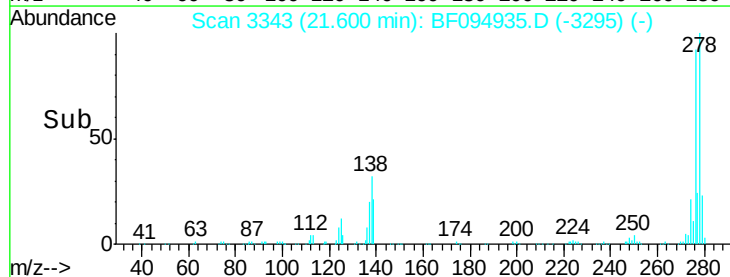
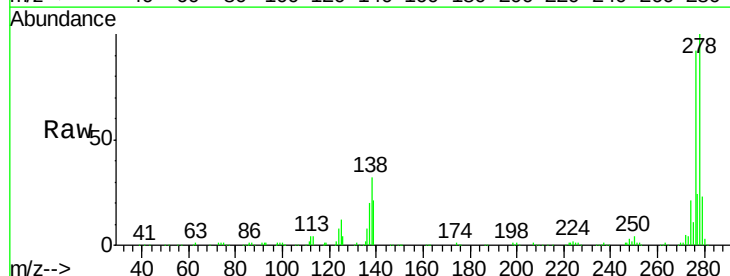
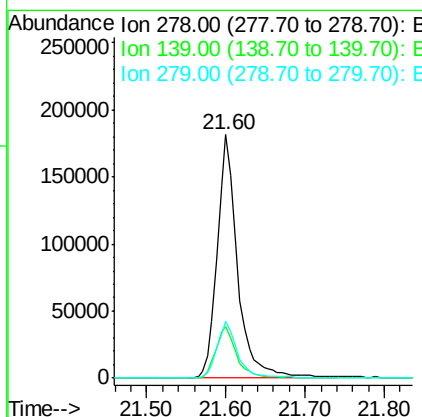
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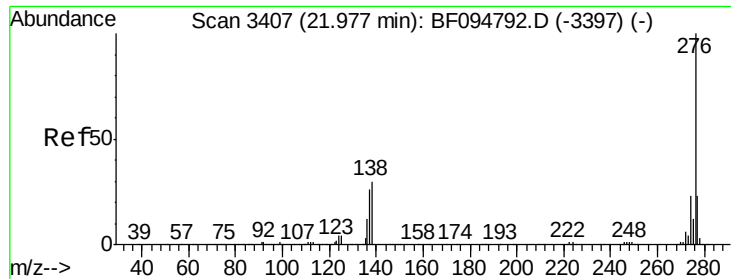
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 35.50 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	16.6	24.8
279	23.2	19.3	28.9





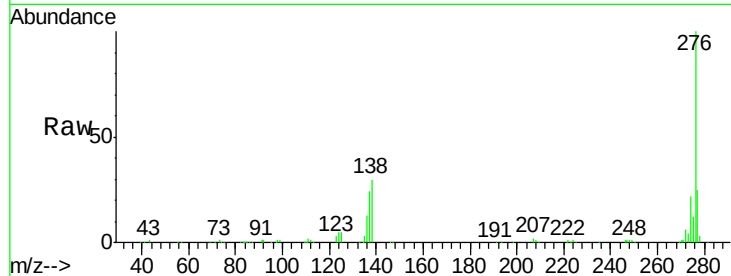
#91
 Benzo(g,h,i)perylene
 Concen: 37.45 ng
 RT: 21.96 min Scan# 3405
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)20170502MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.6	18.6	28.0
138	30.0	25.4	38.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

