

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
 Data File : BF094857.D
 Acq On : 4 May 2017 3:30
 Operator : SJ/MA
 Sample : I2914-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

Manual Integrations
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 5/4/2017 3:35:12 PM

Quant Time: May 04 05:33:33 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	7.73	152	98954	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	389712	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	180131	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	299840	20.00	ng	0.00
75) Chrysene-d12	18.64	240	192599	20.00	ng	-0.01
86) Perylene-d12	20.31	264	186683	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	781950	131.75	ng	0.01
7) Phenol-d6	7.28	99	1016386	142.72	ng	0.00
23) Nitrobenzene-d5	8.63	82	586893	94.96	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	163891	111.10	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	796414	63.64	ng	0.00
78) Terphenyl-d14	17.29	244	449447	51.40	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.15	88	109234	37.53	ng 96
3) Pyridine	2.82	79	253688	37.60	ng 97
4) n-Nitrosodimethylamine	2.74	42	125122	44.49	ng 88
6) Aniline	7.23	93	306564	34.10	ng 95
8) 2-Chlorophenol	7.42	128	339316	50.23	ng 97
9) Benzaldehyde	7.04	77	57487	13.22	ng 97
10) Phenol	7.30	94	403200	53.73	ng 90
11) bis(2-Chloroethyl)ether	7.37	93	297827	48.07	ng 97
12) 1,3-Dichlorobenzene	7.64	146	346436	45.21	ng 99
13) 1,4-Dichlorobenzene	7.75	146	362217	46.61	ng 96
14) 1,2-Dichlorobenzene	7.99	146	329908	45.48	ng 99
15) Benzyl Alcohol	8.01	79	266191	58.11	ng 97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	387523	44.20	ng 52
17) 2-Methylphenol	8.22	107	268152	48.50	ng # 90
18) Hexachloroethane	8.51	117	115650	43.93	ng 88
19) n-Nitroso-di-n-propylamine	8.44	70	231460	48.06	ng 94
20) 3+4-Methylphenols	8.48	107	365382	48.64	ng # 58
22) Acetophenone	8.40	105	469561	50.22	ng # 84
24) Nitrobenzene	8.66	77	325576	50.26	ng 92
25) Isophorone	9.06	82	579415	52.51	ng 95
26) 2-Nitrophenol	9.17	139	188200	53.84	ng 95
27) 2,4-Dimethylphenol	9.30	122	288092	50.98	ng 97
28) bis(2-Chloroethoxy)methane	9.42	93	376069	49.26	ng 100
29) 2,4-Dichlorophenol	9.58	162	290068	54.36	ng 99
30) 1,2,4-Trichlorobenzene	9.67	180	283190	49.54	ng 99
31) Naphthalene	9.78	128	937256	47.85	ng 99
32) Benzoic acid	9.60	122	132316	36.97	ng 93
33) 4-Chloroaniline	9.93	127	157614	21.59	ng 93
34) Hexachlorobutadiene	10.00	225	140549	46.59	ng 98
35) Caprolactam	10.55	113	81048m	50.58	ng
36) 4-Chloro-3-methylphenol	10.78	107	288917	50.64	ng 89
37) 2-Methylnaphthalene	10.91	142	622130	48.40	ng 99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	251247	45.36	ng 99
40) Hexachlorocyclopentadiene	11.17	237	114843	51.64	ng 98

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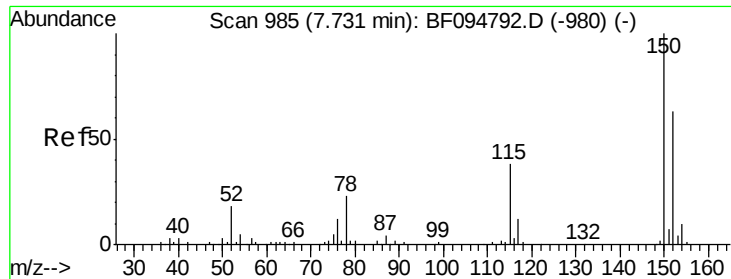
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	187411	50.67	ng	98
43) 2,4,5-Trichlorophenol	11.49	196	194072	48.82	ng	91
45) 1,1'-Biphenyl	11.68	154	730953	48.20	ng	98
46) 2-Chloronaphthalene	11.69	162	578416	47.23	ng	95
47) 2-Nitroaniline	11.90	65	163998	48.93	ng	# 79
48) Acenaphthylene	12.35	152	923468	48.15	ng	99
49) Dimethylphthalate	12.22	163	954363	64.54	ng	100
50) 2,6-Dinitrotoluene	12.31	165	155031	51.39	ng	98
51) Acenaphthene	12.63	154	542198	47.33	ng	99
52) 3-Nitroaniline	12.58	138	90562	27.97	ng	86
53) 2,4-Dinitrophenol	12.77	184	118266	71.86	ng	# 63
54) Dibenzofuran	12.92	168	796925	50.27	ng	99
55) 4-Nitrophenol	12.95	139	195600	100.57	ng	# 76
56) 2,4-Dinitrotoluene	12.97	165	191332	49.36	ng	# 92
57) Fluorene	13.47	166	638956	46.35	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	136411	54.52	ng	# 96
59) Diethylphthalate	13.37	149	634744	44.78	ng	98
60) 4-Chlorophenyl-phenylether	13.50	204	290954	48.02	ng	89
61) 4-Nitroaniline	13.58	138	134389	45.21	ng	98
62) Azobenzene	13.75	77	585720	51.43	ng	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	90770	45.16	ng	# 69
65) n-Nitrosodiphenylamine	13.71	169	544537	50.04	ng	98
66) 4-Bromophenyl-phenylether	14.28	248	156818	49.50	ng	99
67) Hexachlorobenzene	14.37	284	155982	48.05	ng	# 87
68) Atrazine	14.62	200	154852	50.40	ng	95
69) Pentachlorophenol	14.71	266	144333	96.98	ng	96
70) Phenanthrene	15.02	178	835497	48.50	ng	98
71) Anthracene	15.10	178	851690	48.40	ng	98
72) Carbazole	15.38	167	691623	43.19	ng	97
73) Di-n-butylphthalate	15.95	149	898402	44.99	ng	99
74) Fluoranthene	16.75	202	740965	41.93	ng	99
76) Benzidine	16.97	184	118748	26.26	ng	# 91
77) Pyrene	17.05	202	728274	50.56	ng	99
79) Butylbenzylphthalate	17.96	149	335930	50.14	ng	# 87
80) Benzo(a)anthracene	18.63	228	552374	49.28	ng	99
81) 3,3'-Dichlorobenzidine	18.61	252	148337	38.32	ng	# 95
82) Chrysene	18.68	228	520611	48.03	ng	98
83) Bis(2-ethylhexyl)phthalate	18.71	149	480359	50.32	ng	# 99
84) Di-n-octyl phthalate	19.48	149	747962	47.79	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	504508	57.32	ng	99
87) Benzo(b)fluoranthene	19.90	252	530877	46.02	ng	98
88) Benzo(k)fluoranthene	19.93	252	524908	47.17	ng	# 96
89) Benzo(a)pyrene	20.25	252	511853	48.09	ng	99
90) Dibenzo(a,h)anthracene	21.61	278	419199	47.69	ng	99
91) Benzo(g,h,i)perylene	21.97	276	406393	47.11	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.73 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

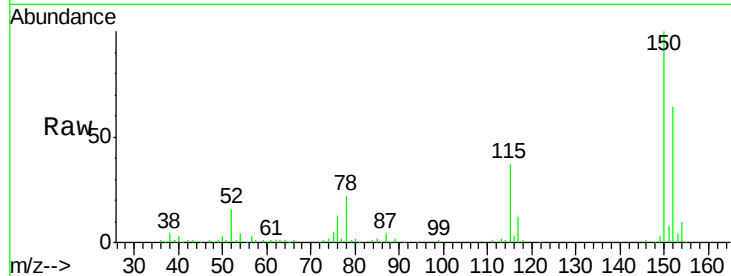
ClientSampleId :

SB-09-2.0-3.0MSD

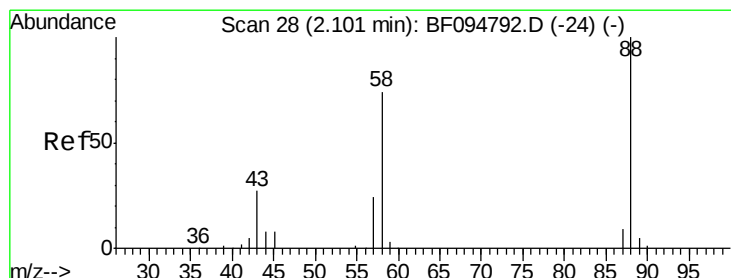
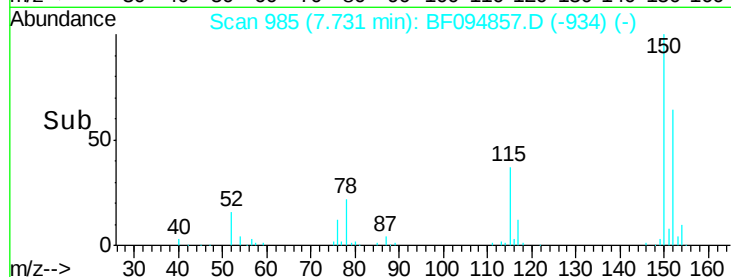
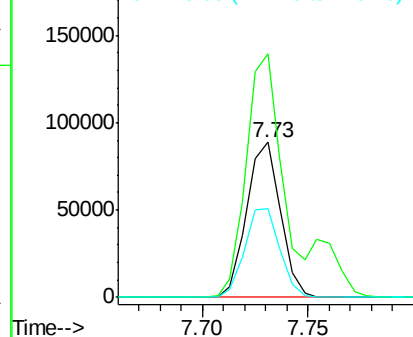
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	57.4	52.2	78.2

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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



#2

1,4-Dioxane

Concen: 37.53 ng

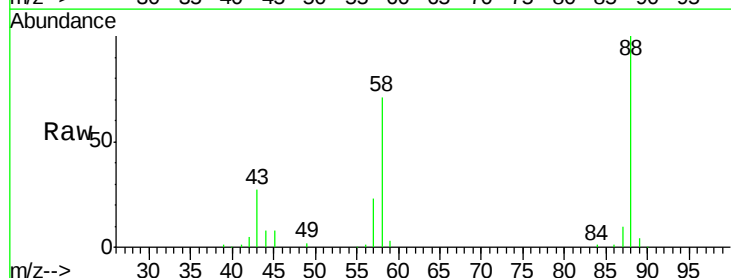
RT: 2.15 min Scan# 36

Delta R.T. 0.05 min

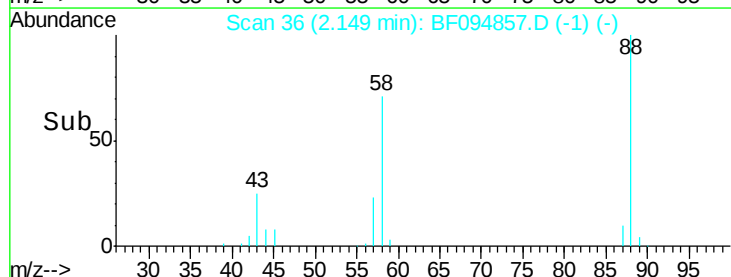
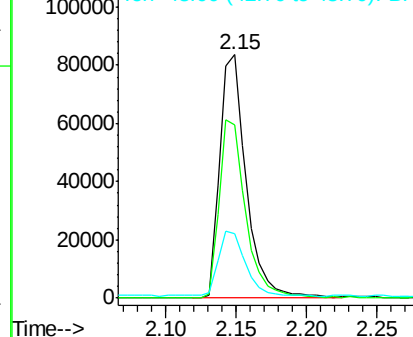
Lab File: BF094857.D

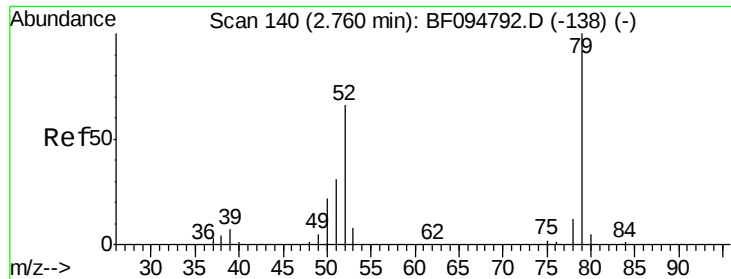
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	61.4	92.0
43	26.1	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: 37.60 ng

RT: 2.82 min Scan# 150

Delta R.T. 0.06 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

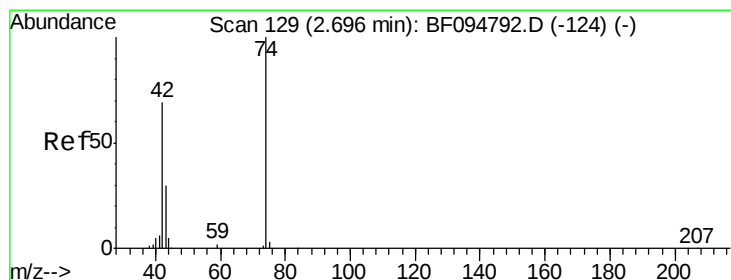
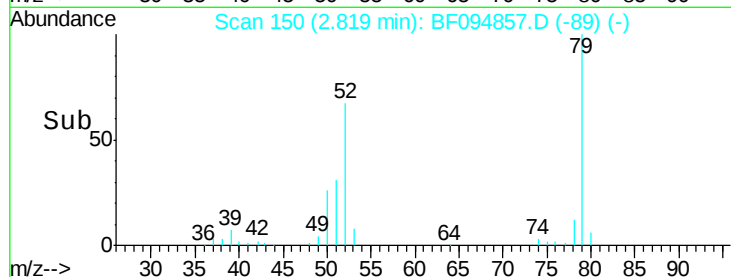
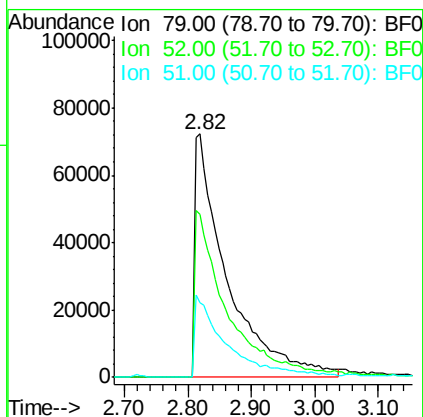
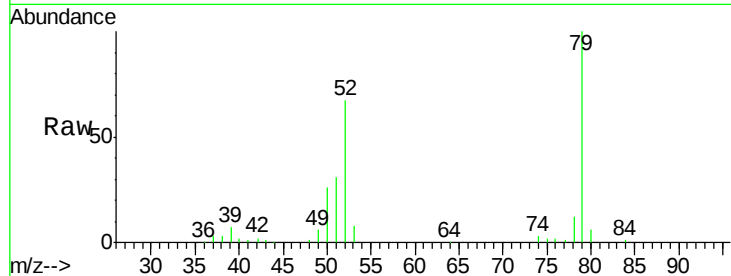
ClientSampleId :

SB-09-2.0-3.0MSD

Tgt Ion:	79	Resp:	253688
Ion	Ratio	Lower	Upper
79	100		
52	66.7	54.8	82.2
51	30.8	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 44.49 ng

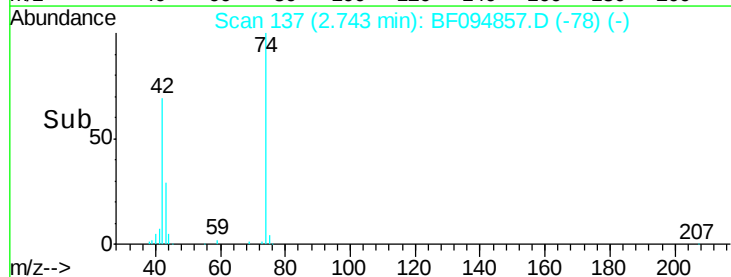
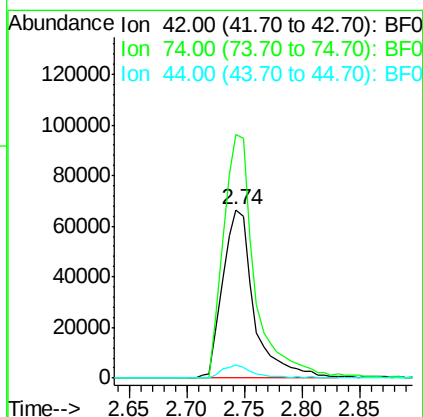
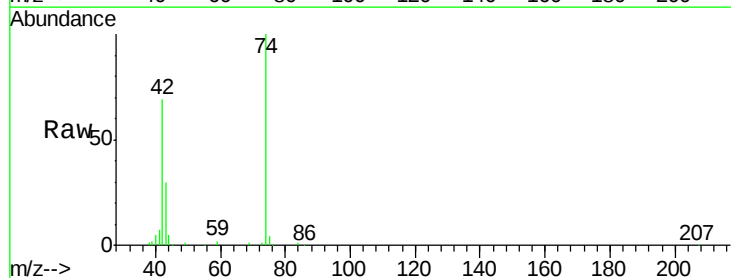
RT: 2.74 min Scan# 137

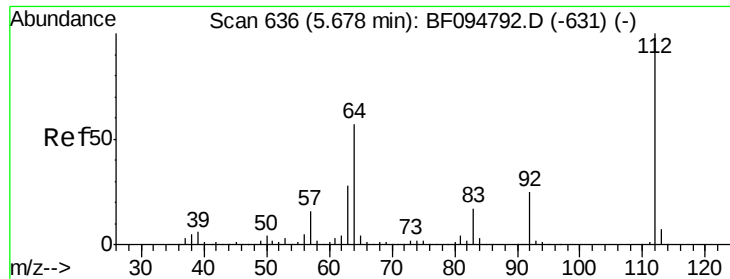
Delta R.T. 0.05 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Tgt Ion:	42	Resp:	125122
Ion	Ratio	Lower	Upper
42	100		
74	144.6	103.9	155.9
44	7.5	5.7	8.5





#5

2-Fluorophenol

Concen: 131.75 ng

RT: 5.69 min Scan# 638

Delta R.T. 0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

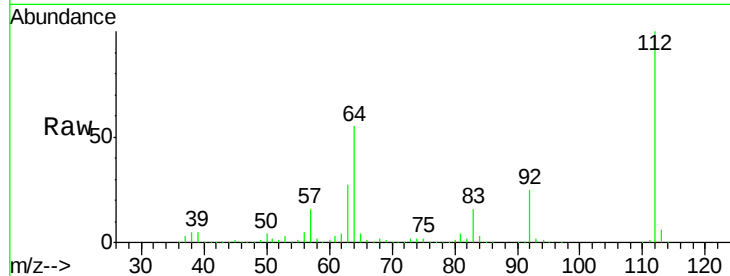
ClientSampleId :

SB-09-2.0-3.0MSD

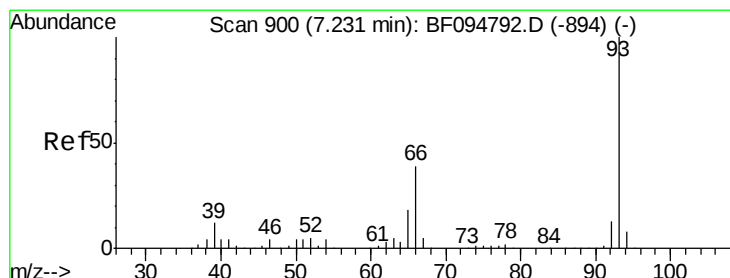
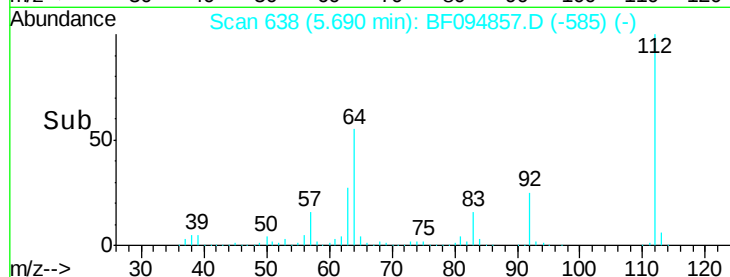
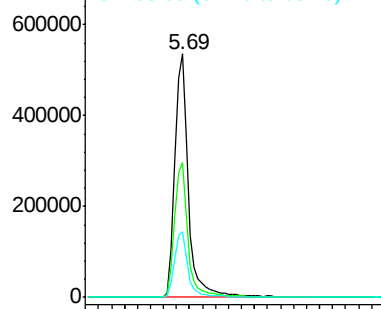
Tgt Ion:	112	Resp:	781950
Ion Ratio	Lower	Upper	
112	100		
64	55.2	46.0	69.0
63	27.1	23.4	35.0

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 34.10 ng

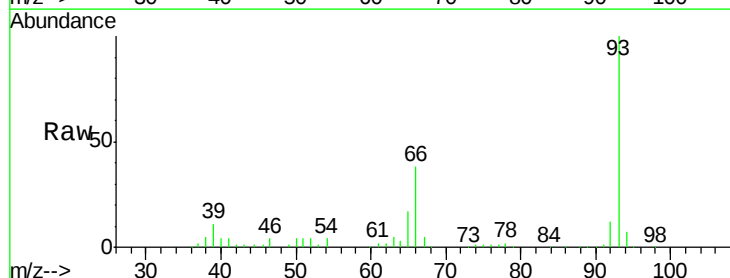
RT: 7.23 min Scan# 900

Delta R.T. 0.00 min

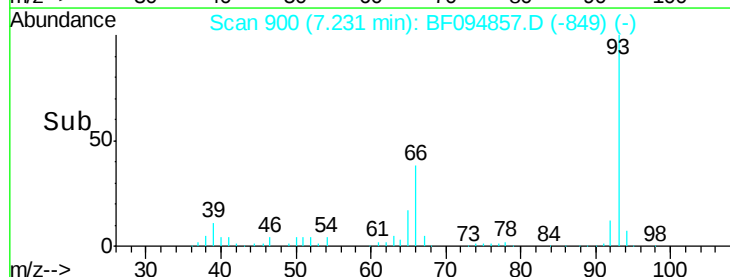
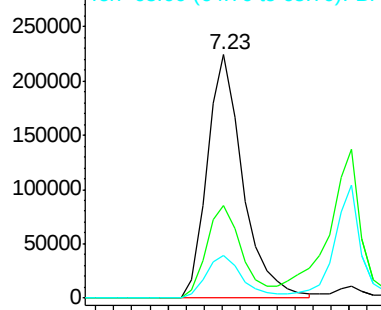
Lab File: BF094857.D

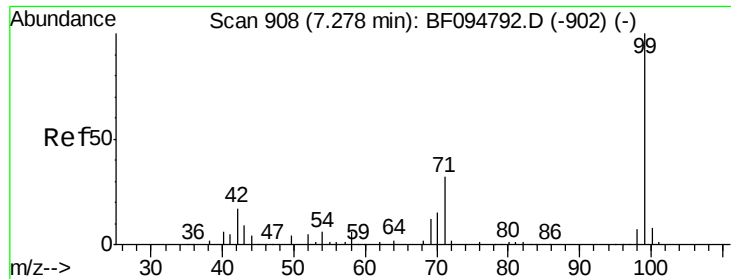
Acq: 4 May 2017 3:30

Tgt Ion:	93	Resp:	306564
Ion Ratio	Lower	Upper	
93	100		
66	37.9	32.9	49.3
65	17.4	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 142.72 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SB-09-2.0-3.0MSD

Tgt Ion: 99 Resp: 1016386

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

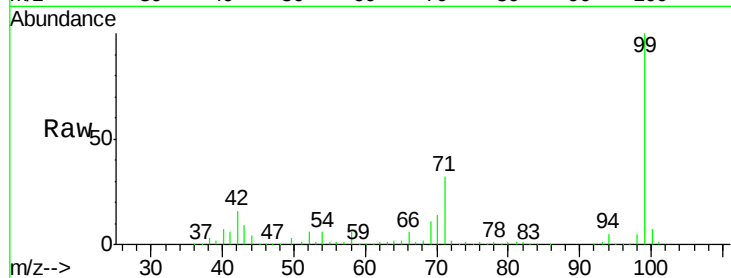
71 32.4 24.5 36.7

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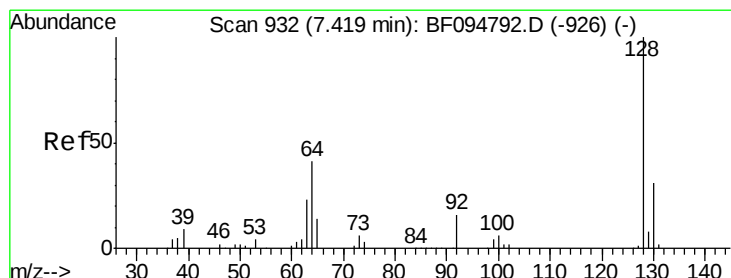
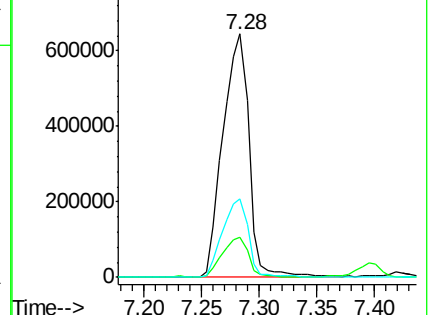
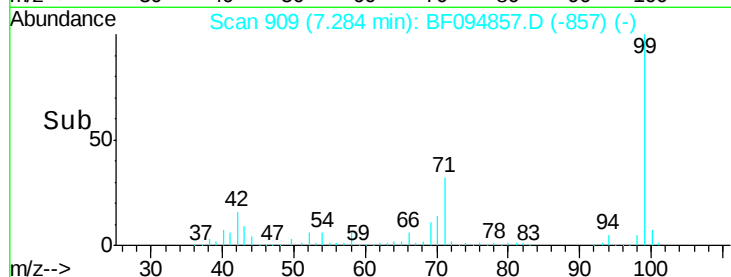
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 50.23 ng

RT: 7.42 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

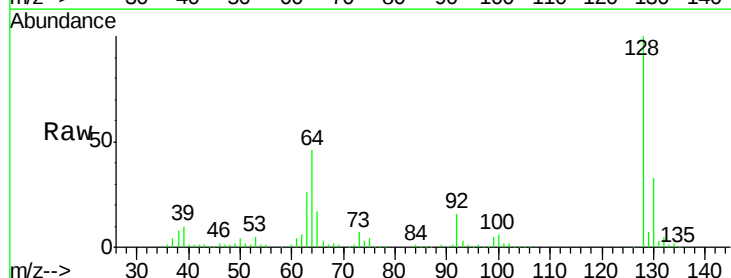
Tgt Ion: 128 Resp: 339316

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

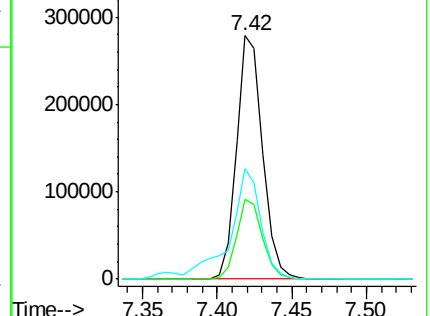
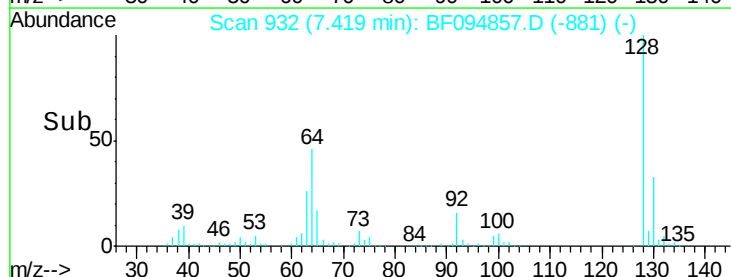
64 45.5 28.4 68.4

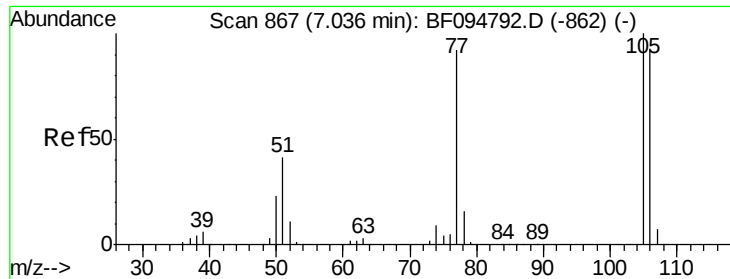


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.22 ng

RT: 7.04 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

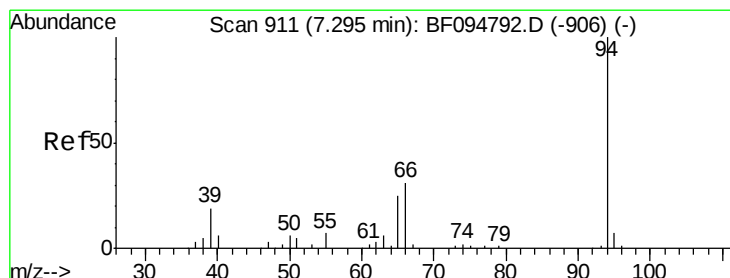
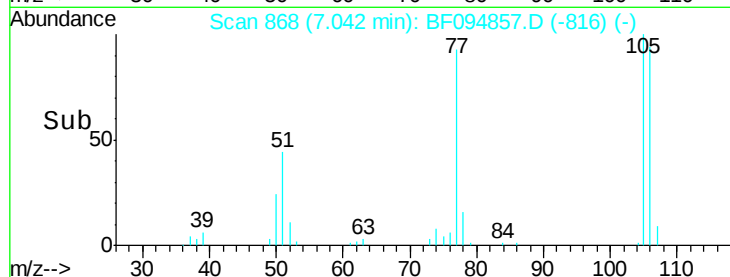
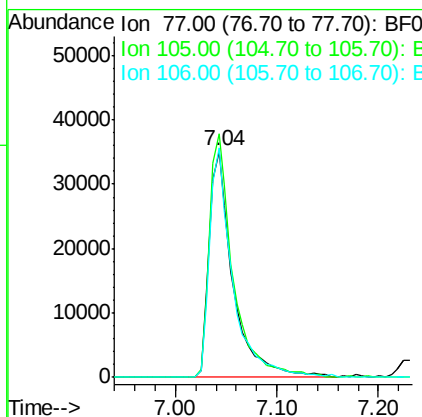
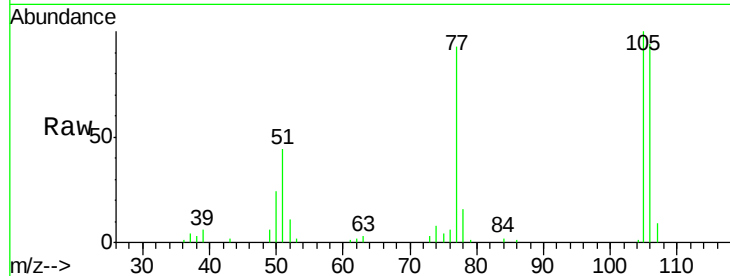
ClientSampleId :

SB-09-2.0-3.0MSD

Tgt Ion:	77	Resp:	57487
Ion	Ratio	Lower	Upper
77	100		
105	107.6	83.8	123.8
106	101.4	79.1	119.1

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#10

Phenol

Concen: 53.73 ng

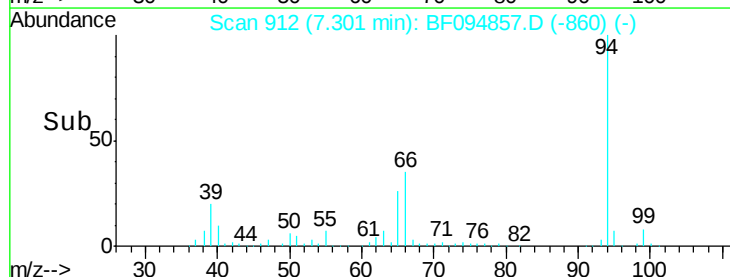
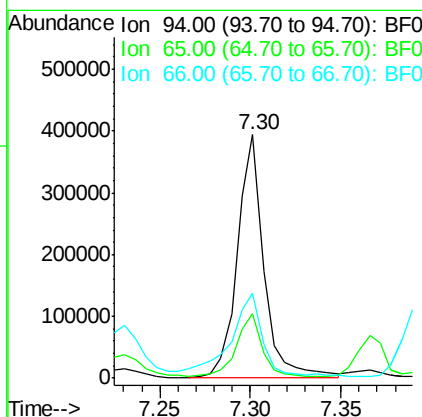
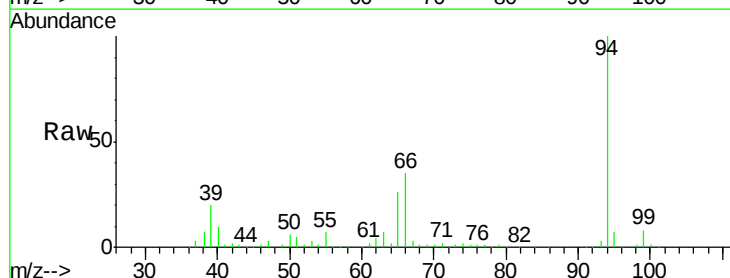
RT: 7.30 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Tgt Ion:	94	Resp:	403200
Ion	Ratio	Lower	Upper
94	100		
65	26.4	9.9	49.9
66	34.8	23.1	63.1





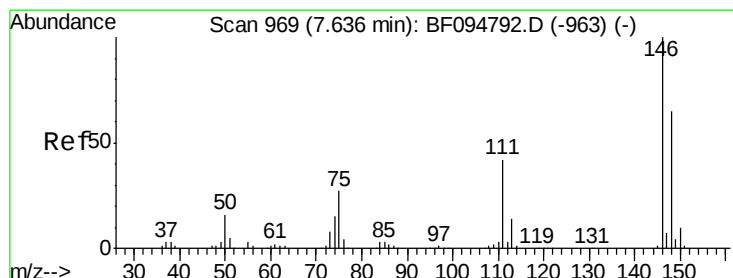
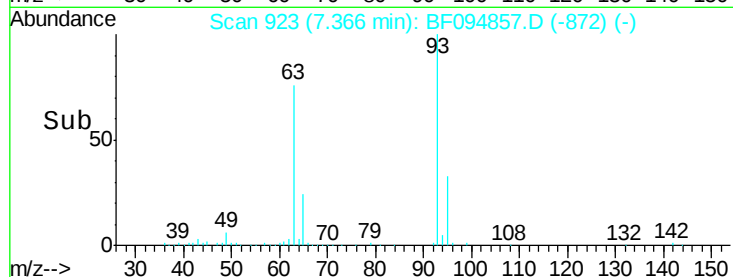
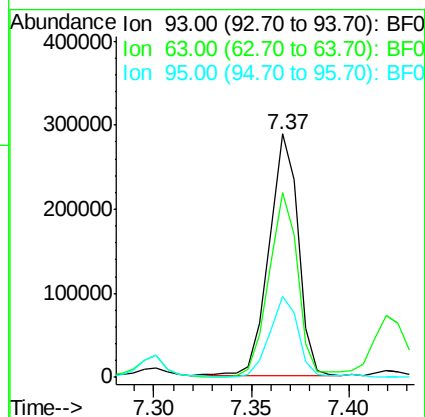
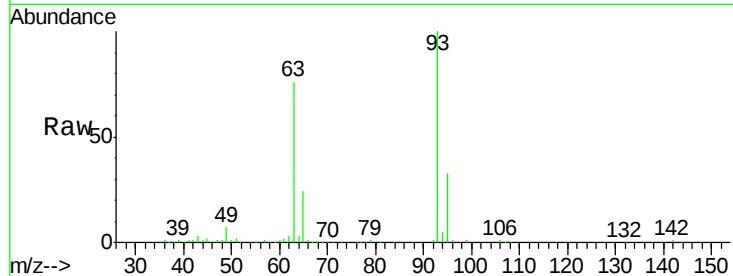
#11
bis(2-Chloroethyl)ether
Concen: 48.07 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion:	93	Resp:	297827
Ion	Ratio	Lower	Upper
93	100		
63	75.6	59.2	99.2
95	33.3	12.8	52.8

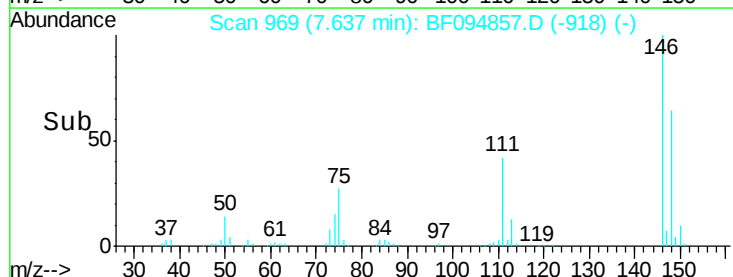
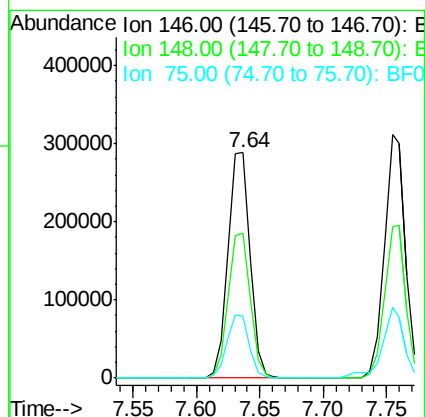
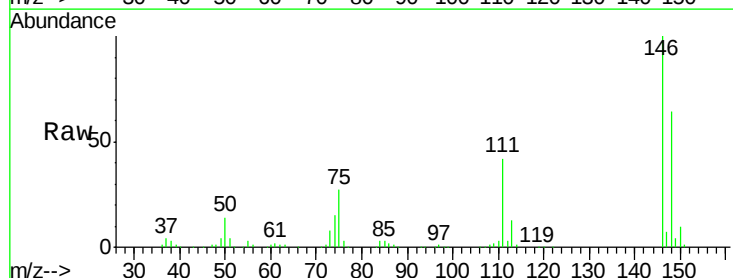
Manual Integrations
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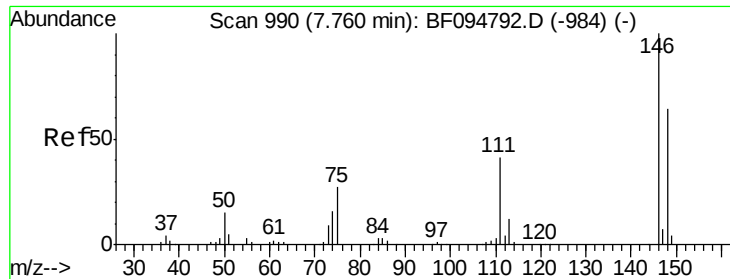
mohammad
5/4/2017 3:35:12 PM



#12
1,3-Dichlorobenzene
Concen: 45.21 ng
RT: 7.64 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion:	146	Resp:	346436
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.6
75	27.5	23.1	34.7





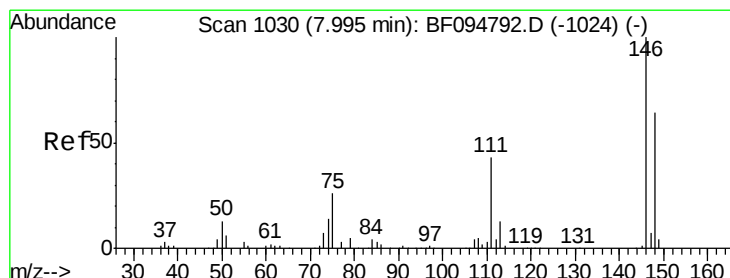
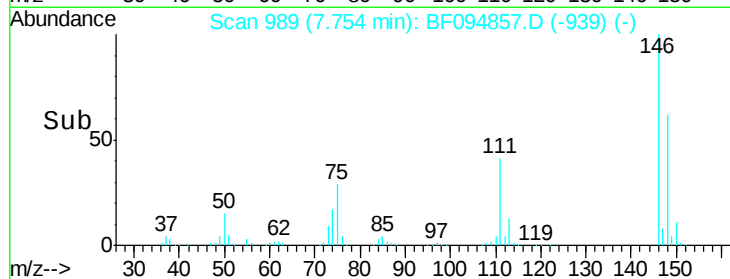
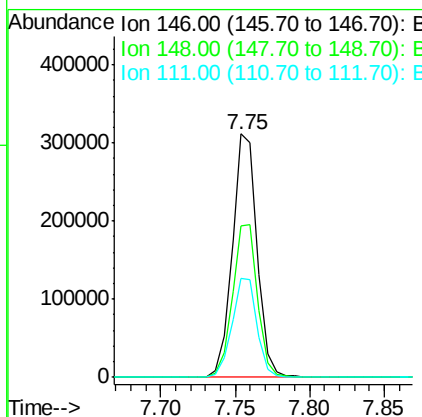
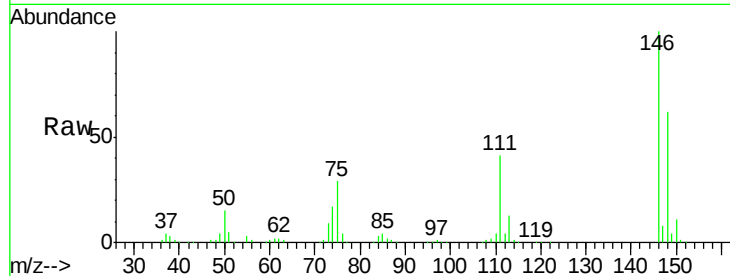
#13
 1,4-Dichlorobenzene
 Concen: 46.61 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.2	78.2
111	40.7	30.3	45.5

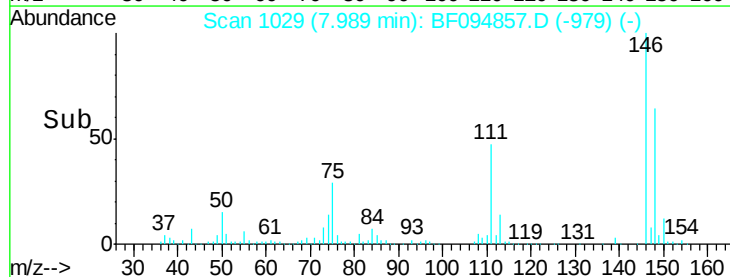
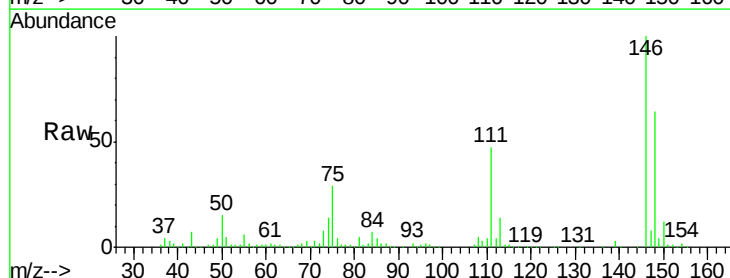
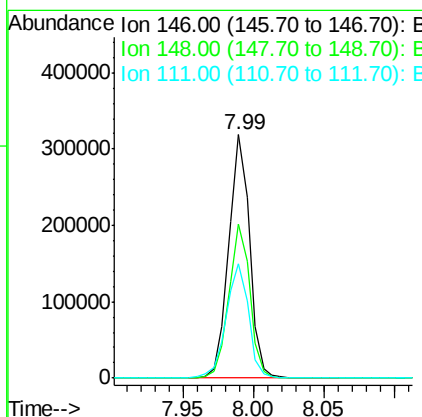
Manual Integrations
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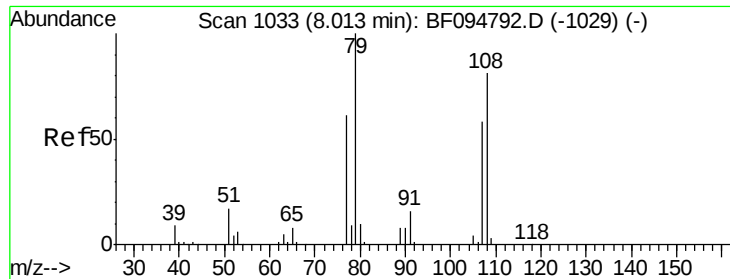
mohammad
 5/4/2017 3:35:12 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.48 ng
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	46.7	38.2	57.4





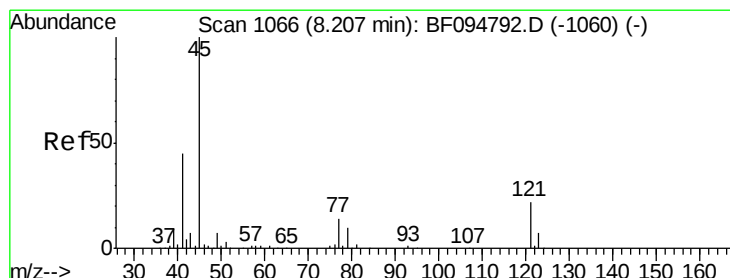
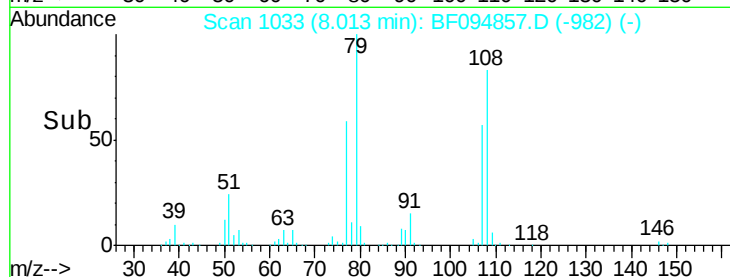
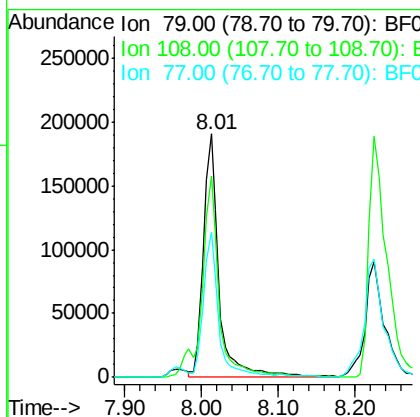
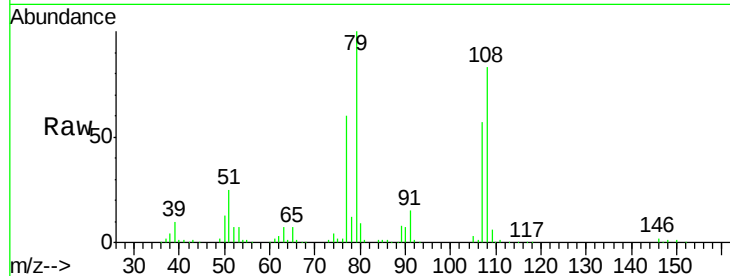
#15
Benzyl Alcohol
Concen: 58.11 ng
RT: 8.01 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	82.9	63.4	95.0
77	59.7	49.2	73.8

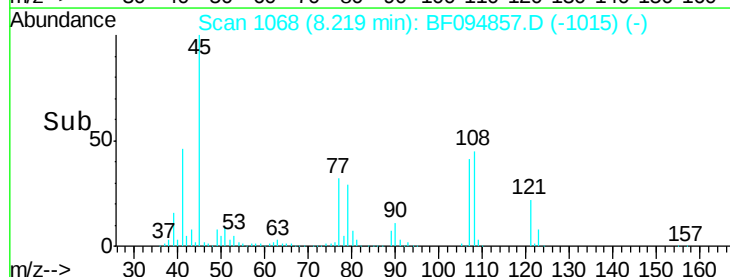
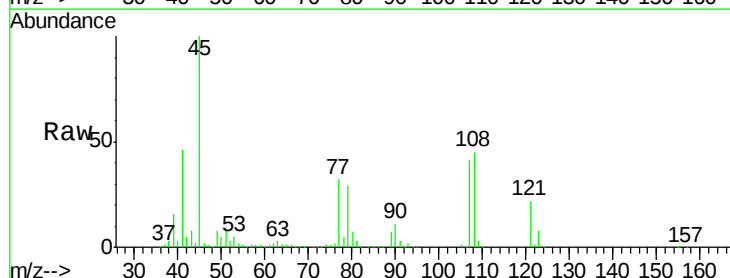
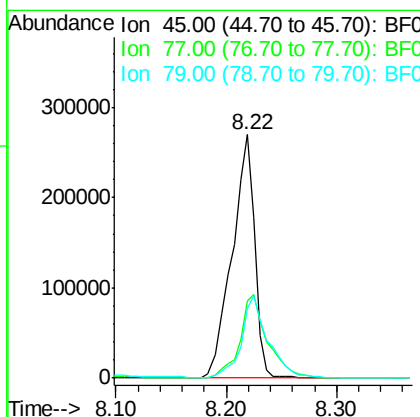
Manual Integrations
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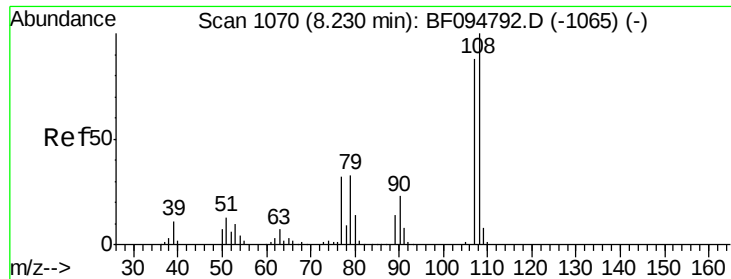
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.20 ng
RT: 8.22 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.6	0.0	33.2
79	28.6	0.0	30.0





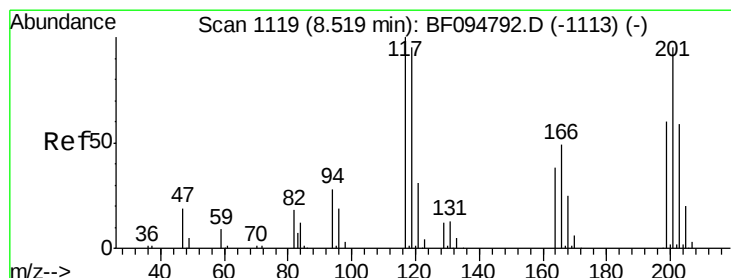
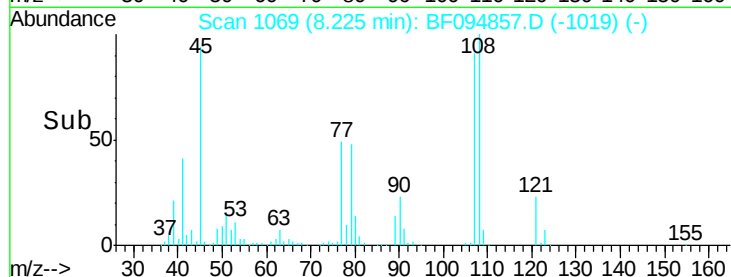
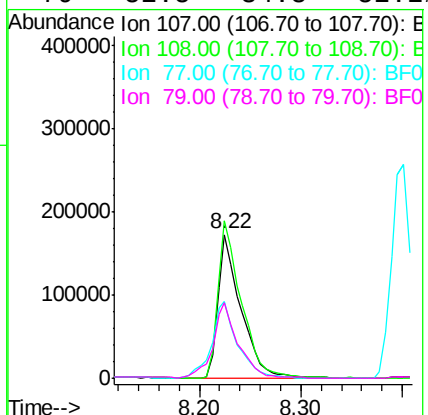
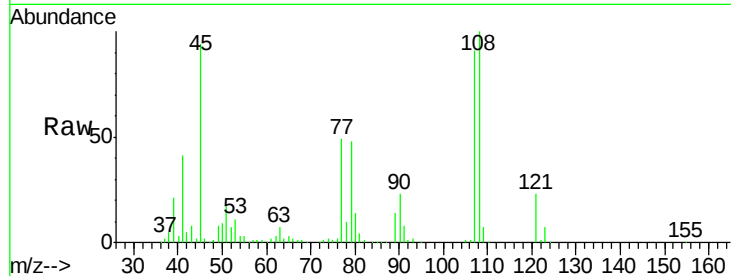
#17
2-Methylphenol
Concen: 48.50 ng
RT: 8.22 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	268152		
108	109.4	93.4	140.0	
77	53.7	35.8	53.6#	
79	52.5	34.8	52.2#	

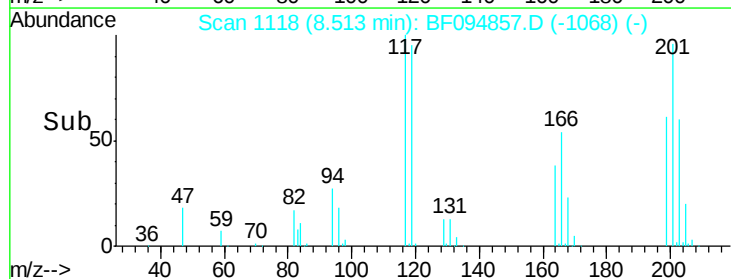
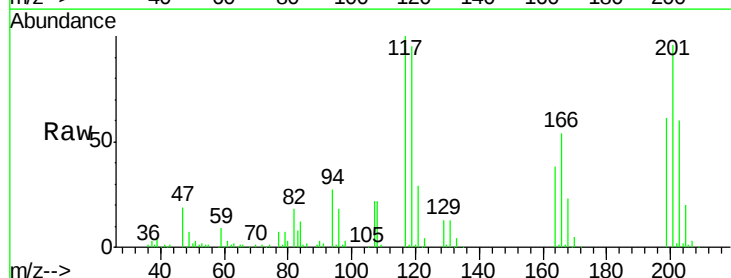
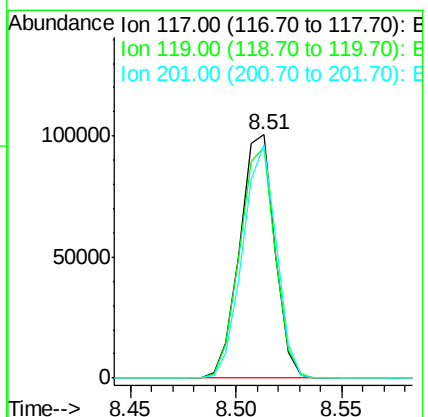
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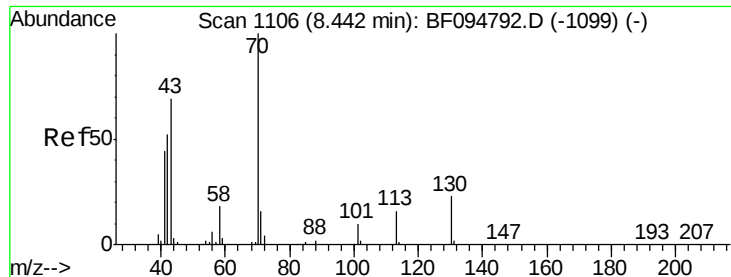
mohammad
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#18
Hexachloroethane
Concen: 43.93 ng
RT: 8.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	115650		
119	95.0	77.4	116.0	
201	95.6	94.6	141.8	





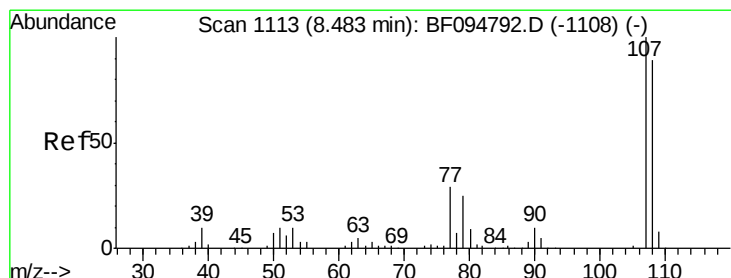
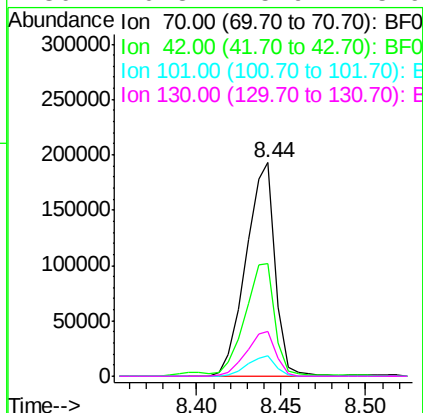
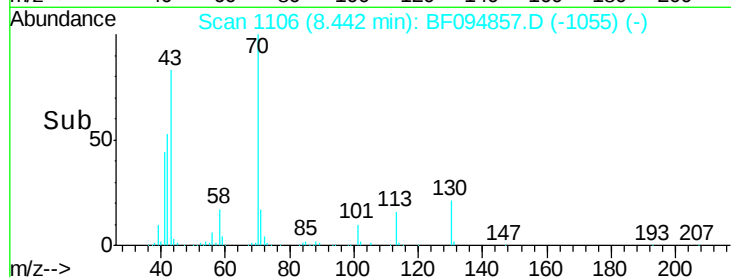
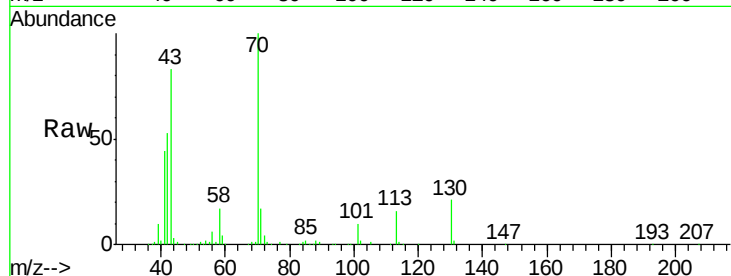
#19
n-Nitroso-di-n-propylamine
Concen: 48.06 ng
RT: 8.44 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.2	70.8
101	9.8	7.2	10.8
130	20.8	15.9	23.9

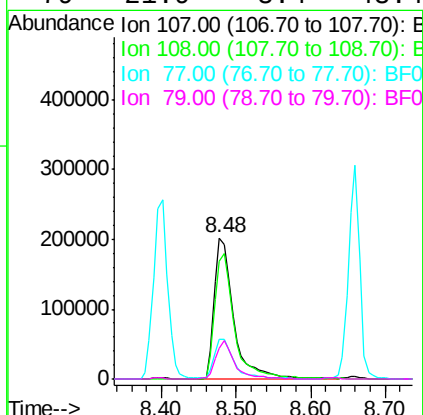
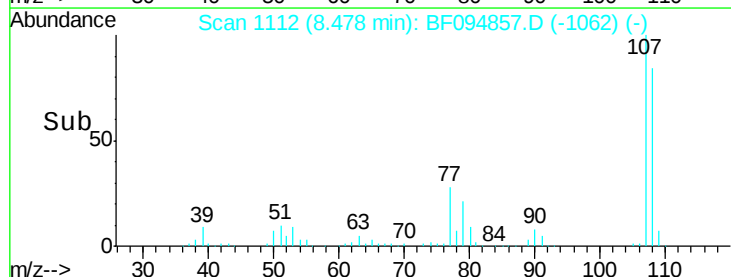
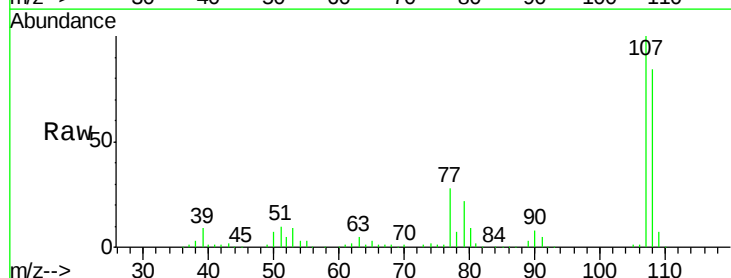
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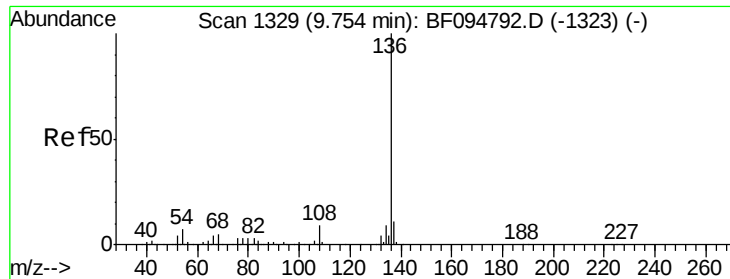
mohammad
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#20
3+4-Methylphenols
Concen: 48.64 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.1	71.0	111.0
77	28.5	90.5	130.5#
79	21.9	8.4	48.4





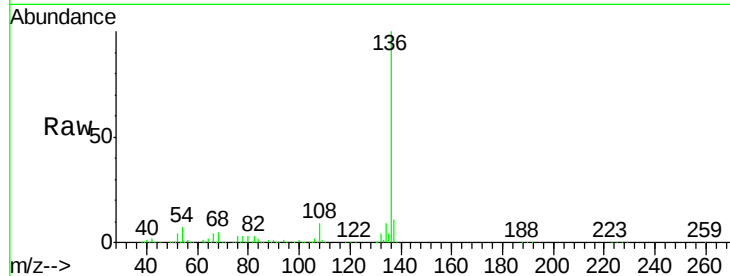
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

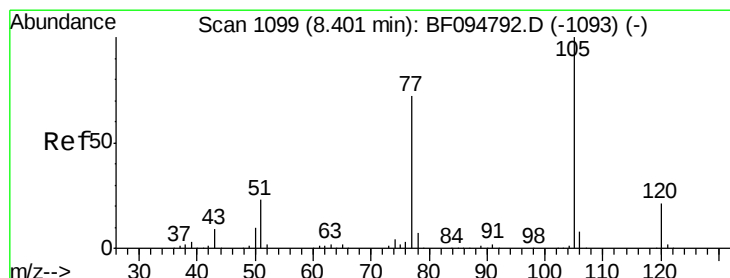
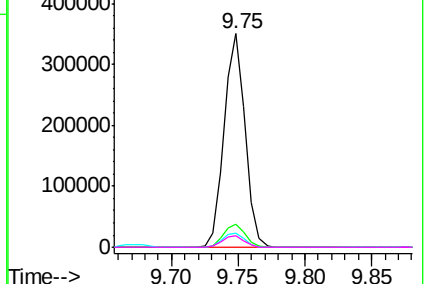
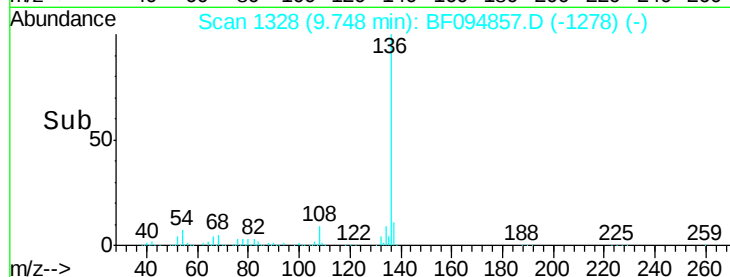
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	389712		
137	11.1	8.5	12.7	
54	6.8	4.9	7.3	
68	5.2	4.1	6.1	

Manual Integrations
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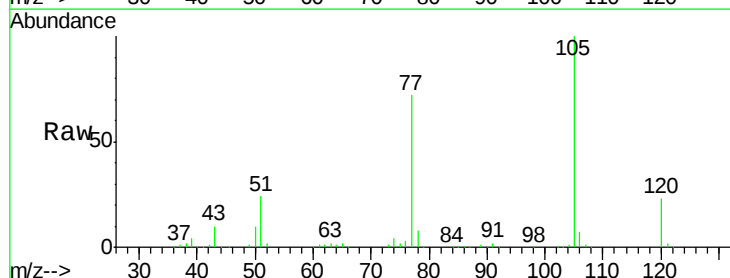


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

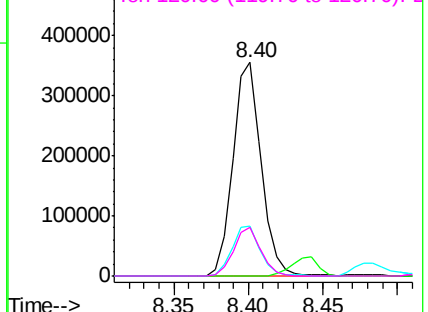
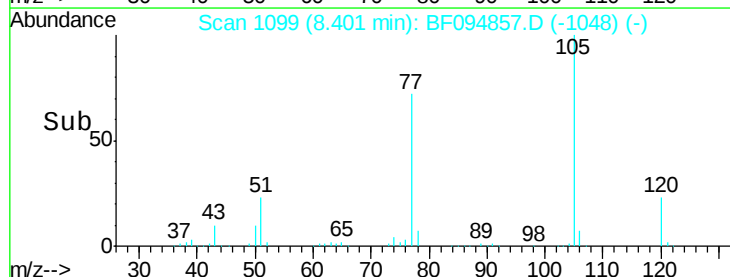


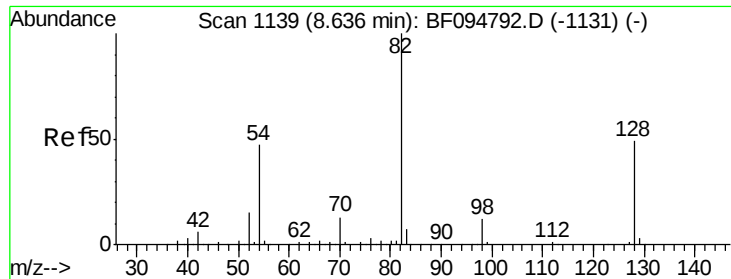
#22
Acetophenone
Concen: 50.22 ng
RT: 8.40 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	469561		
71	0.0	2.8	4.2#	
51	23.5	30.7	46.1#	
120	22.9	17.4	26.0	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





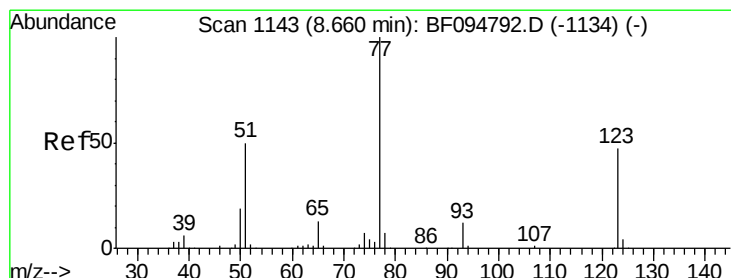
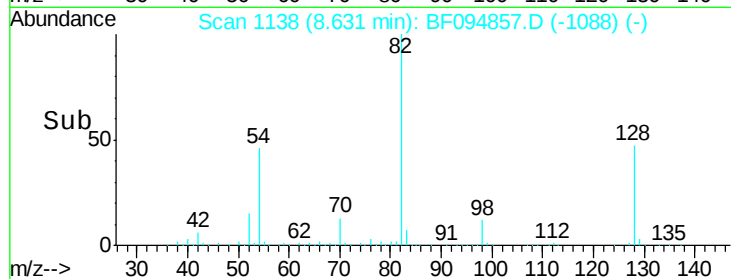
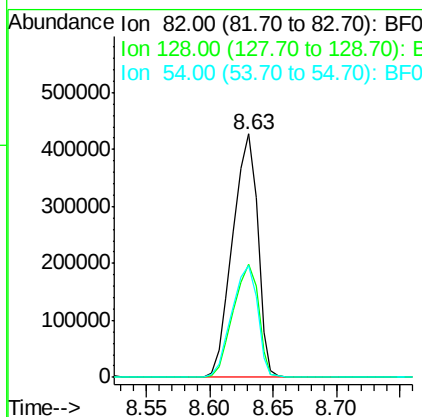
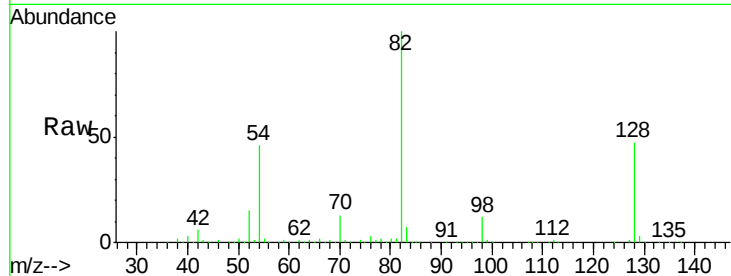
#23
 Nitrobenzene-d5
 Concen: 94.96 ng
 RT: 8.63 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

Tgt Ion:	82	Resp:	586893
Ion Ratio	Lower	Upper	
82	100		
128	46.6	34.0	51.0
54	46.2	42.2	63.2

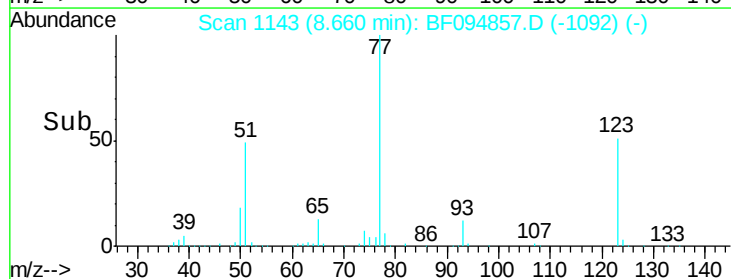
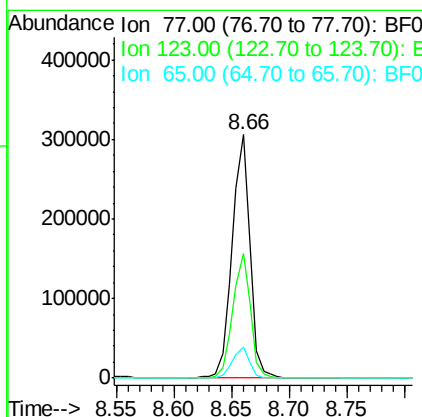
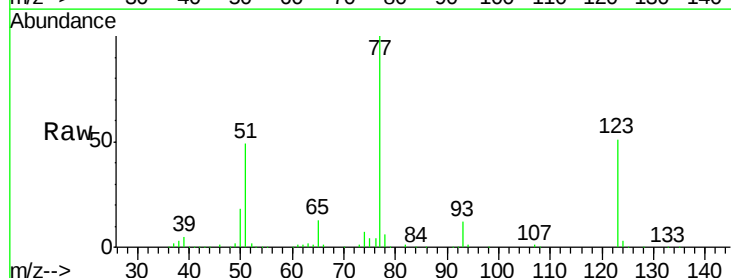
Manual Integrations
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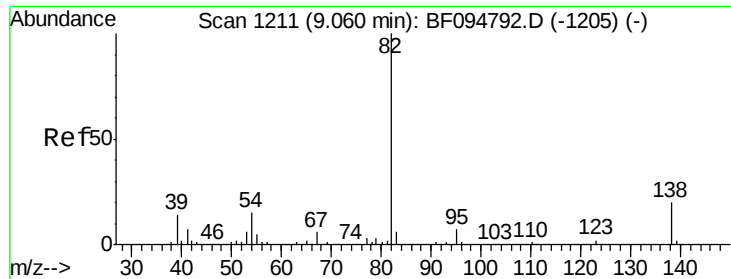
mohammad
 5/4/2017 3:35:12 PM



#24
 Nitrobenzene
 Concen: 50.26 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion:	77	Resp:	325576
Ion Ratio	Lower	Upper	
77	100		
123	51.4	35.8	53.8
65	12.8	10.6	15.8





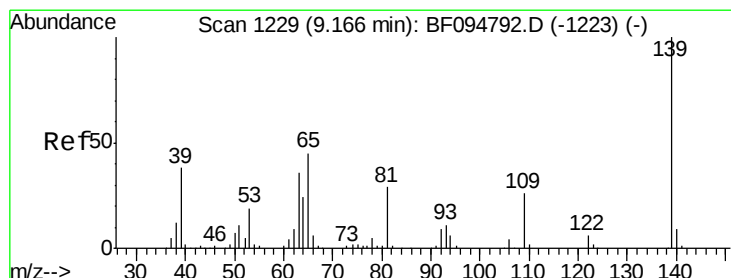
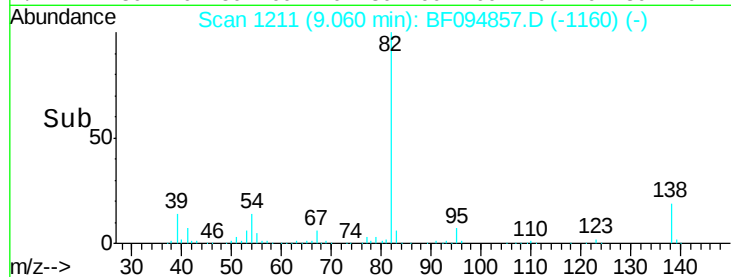
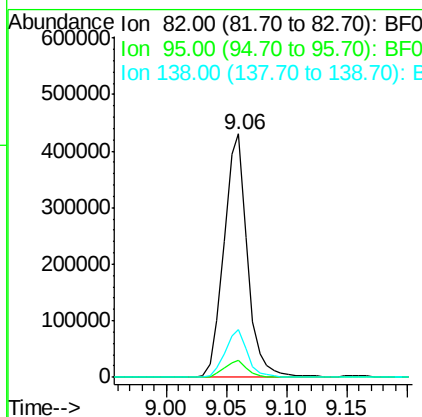
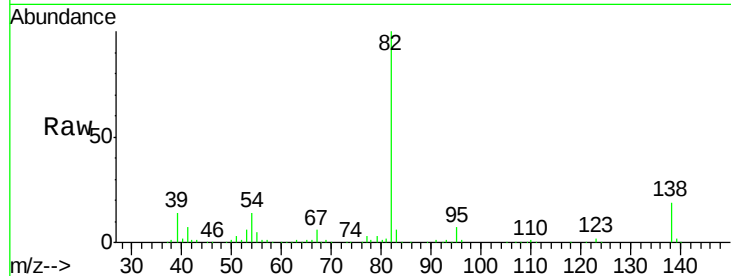
#25
Isophorone
Concen: 52.51 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	579415		
95	6.8	5.3	7.9	
138	19.5	13.1	19.7	

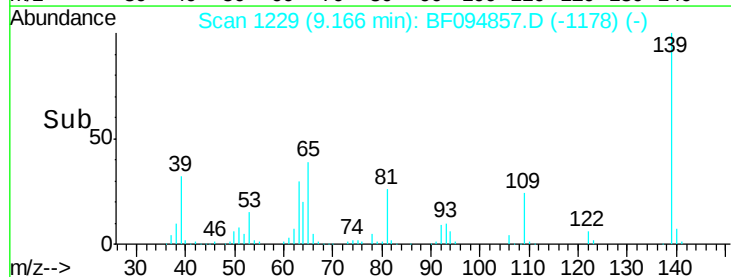
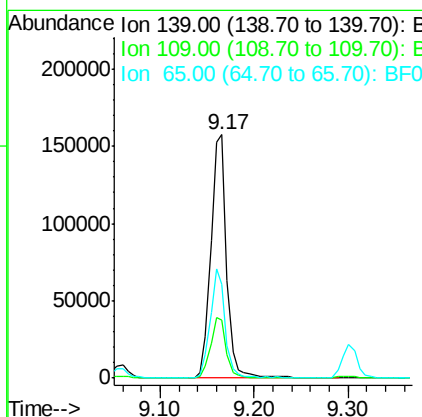
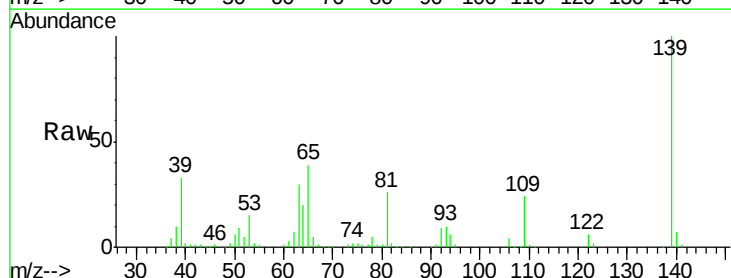
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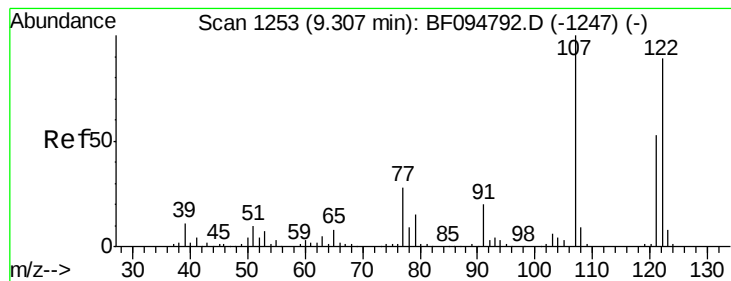
mohammad
5/4/2017 3:35:12 PM



#26
2-Nitrophenol
Concen: 53.84 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	188200		
109	23.6	21.0	31.6	
65	38.8	33.0	49.6	





#27

2,4-Dimethylphenol

Concen: 50.98 ng

RT: 9.30 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

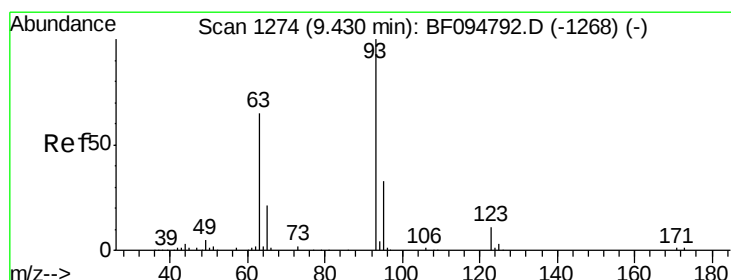
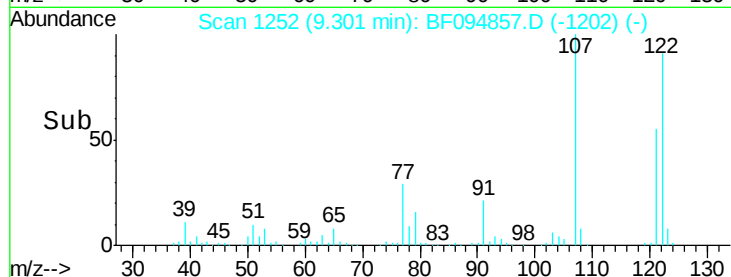
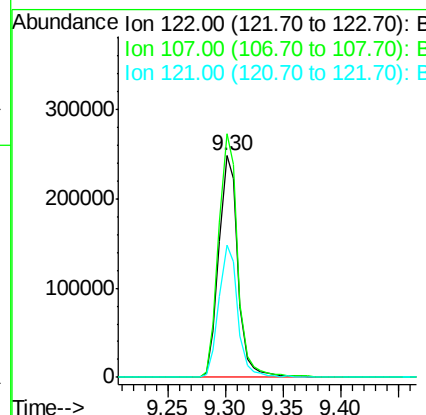
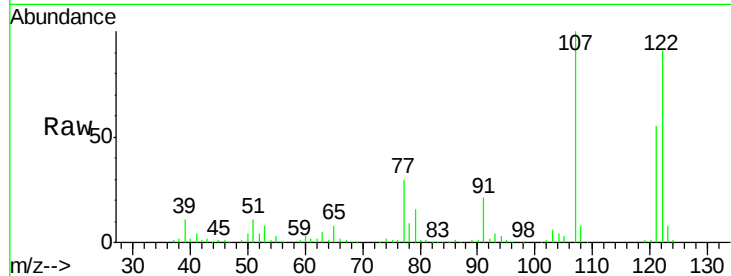
ClientSampleId :

SB-09-2.0-3.0MSD

Tgt Ion:	122	Resp:	288092
Ion Ratio	Lower	Upper	
122	100		
107	110.0	89.2	133.8
121	60.0	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 49.26 ng

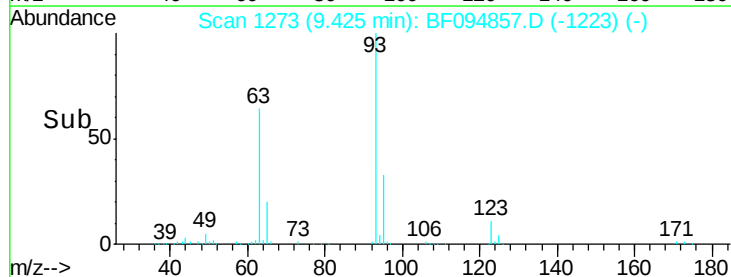
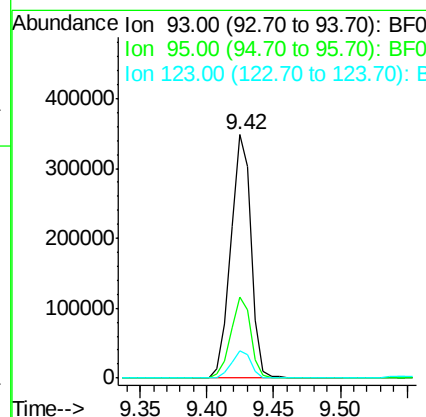
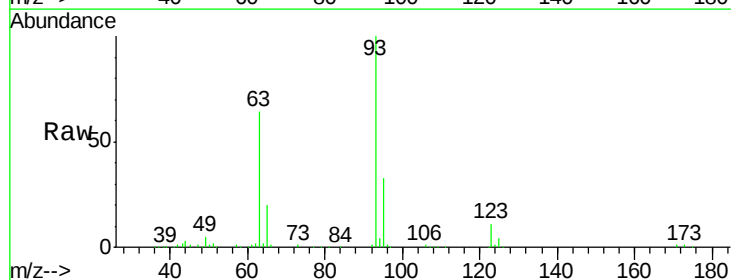
RT: 9.42 min Scan# 1273

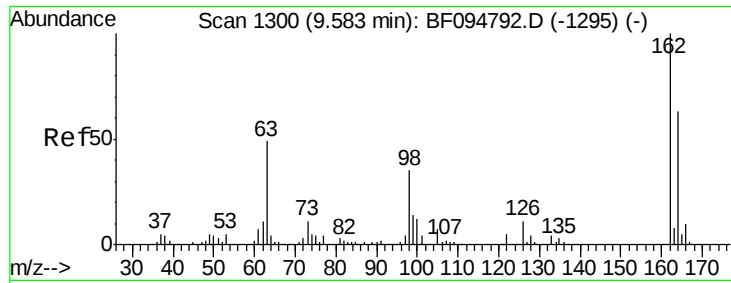
Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Tgt Ion:	93	Resp:	376069
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.5	39.7
123	11.0	9.0	13.4





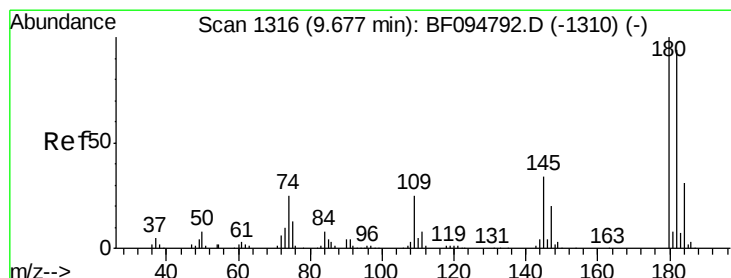
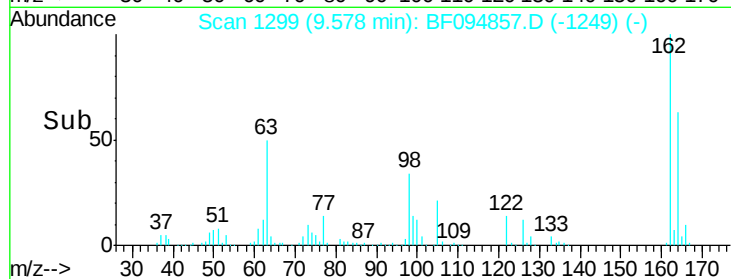
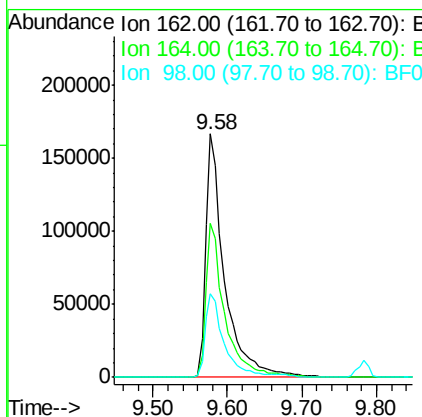
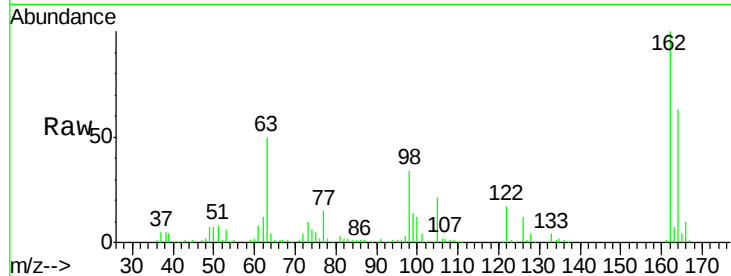
#29
 2,4-Dichlorophenol
 Concen: 54.36 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
164	63.3	44.6	84.6
98	34.5	14.8	54.8

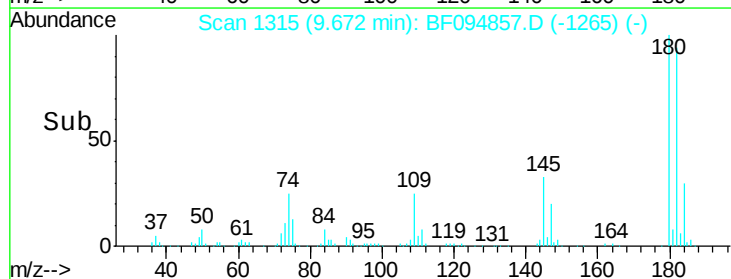
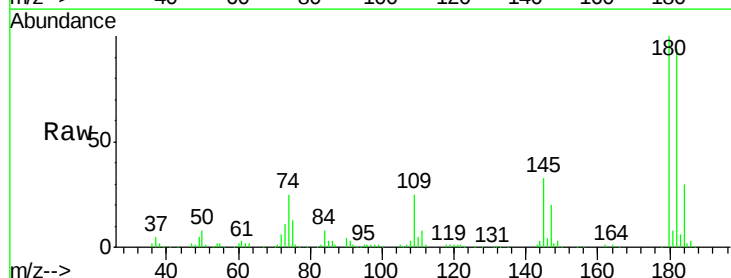
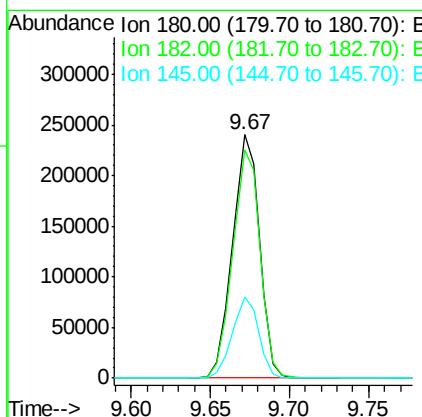
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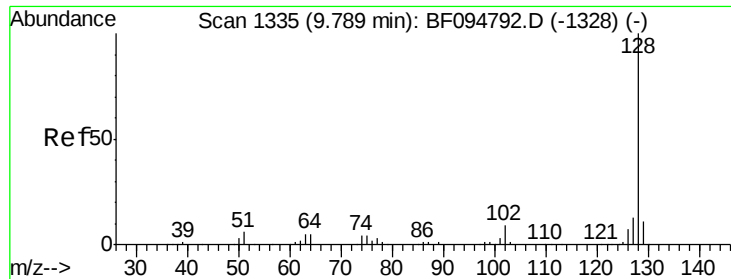
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.54 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	75.8	113.6
145	33.3	25.3	37.9





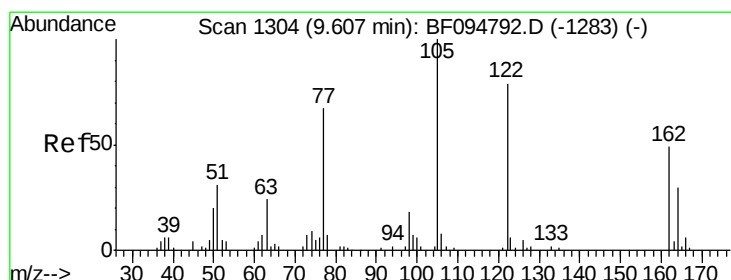
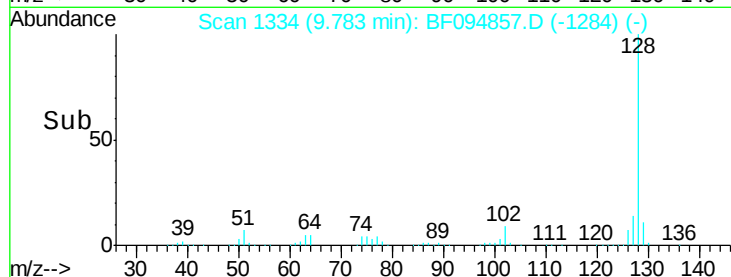
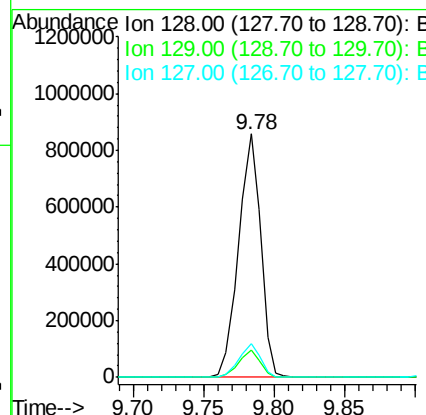
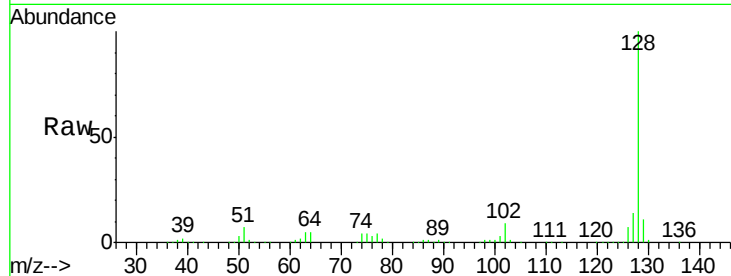
#31
Naphthalene
Concen: 47.85 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.0	9.0	13.6
127	13.8	10.8	16.2

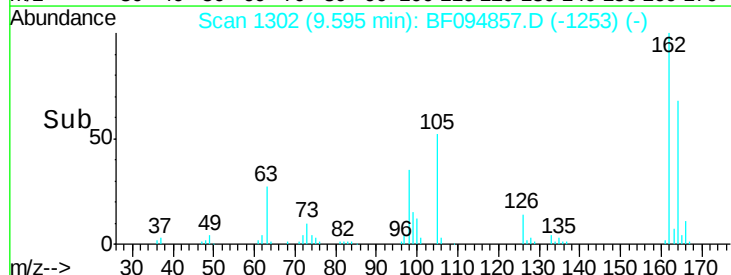
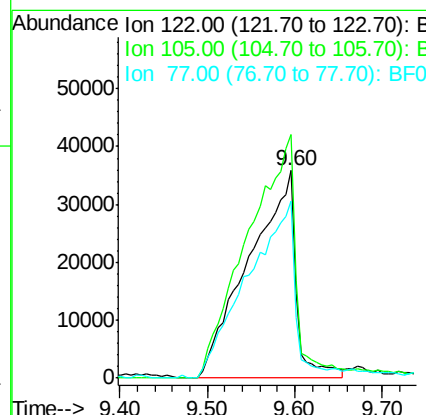
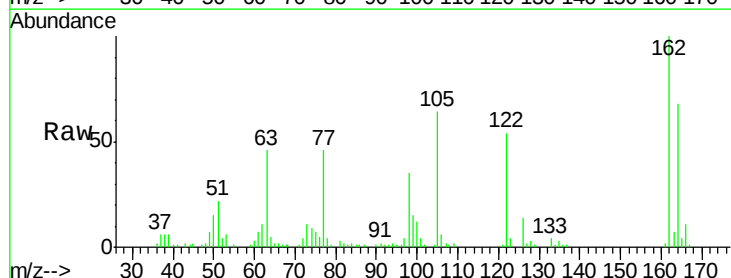
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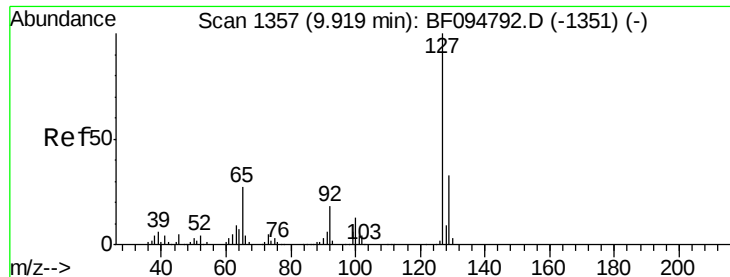
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#32
Benzoic acid
Concen: 36.97 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	117.3	103.3	143.3
77	85.1	73.7	113.7





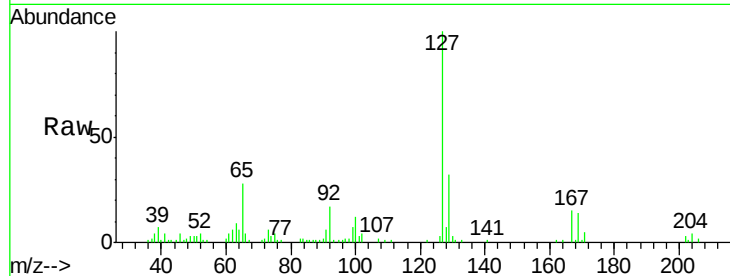
#33
 4-Chloroaniline
 Concen: 21.59 ng
 RT: 9.93 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

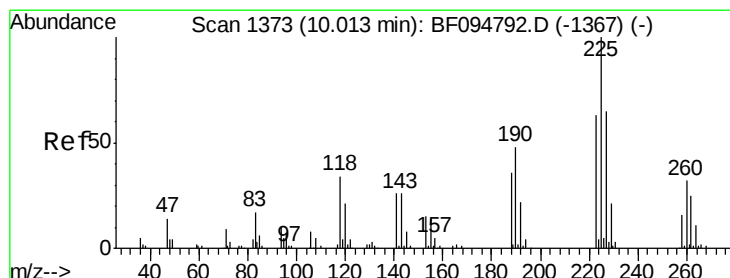
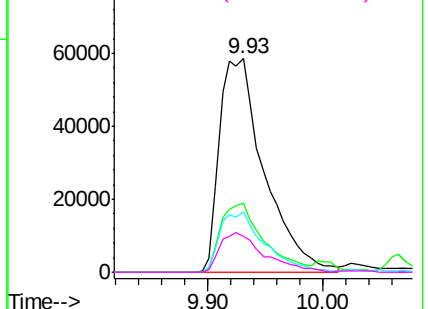
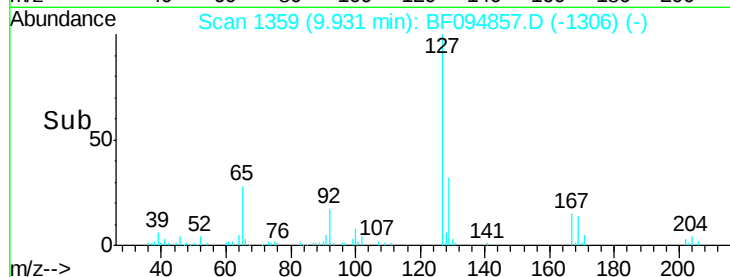
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	157614		
129	32.3	26.2	39.2	
65	28.2	27.8	41.8	
92	17.0	16.8	25.2	

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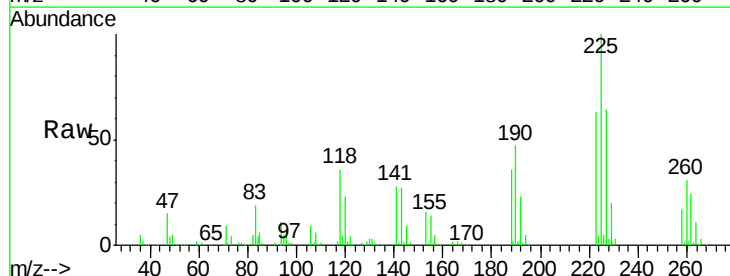


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

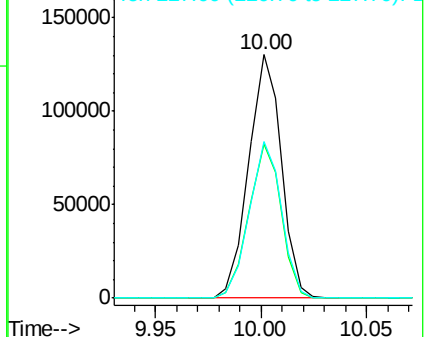
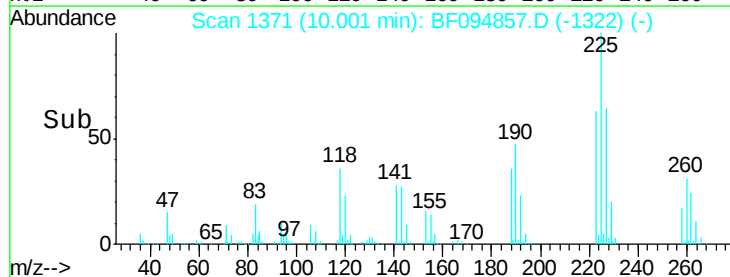


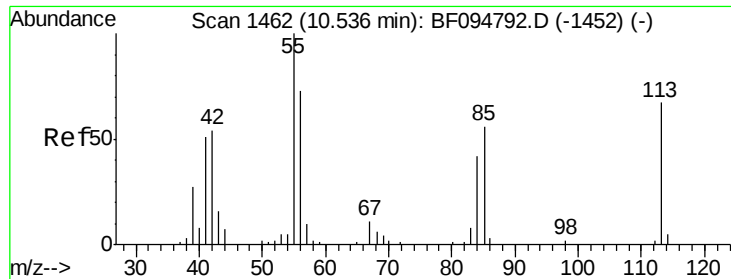
#34
 Hexachlorobutadiene
 Concen: 46.59 ng
 RT: 10.00 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	140549		
223	63.1	48.8	73.2	
227	64.2	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: 50.58 ng m

RT: 10.55 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SB-09-2.0-3.0MSD

Tgt Ion:113 Resp: 81048

Ion Ratio Lower Upper

113 100

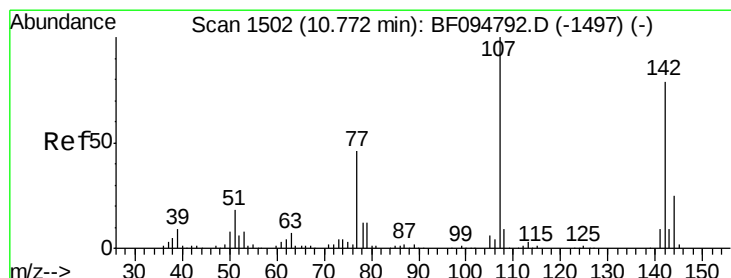
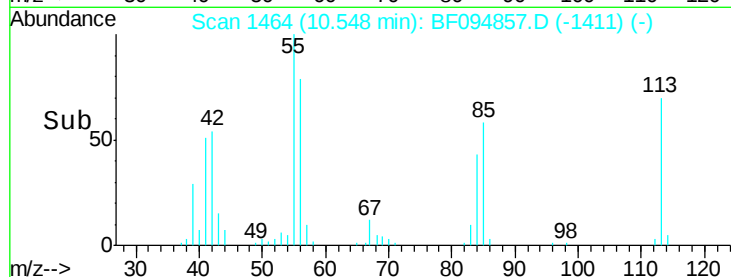
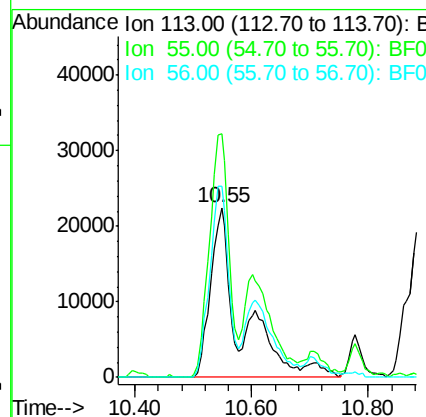
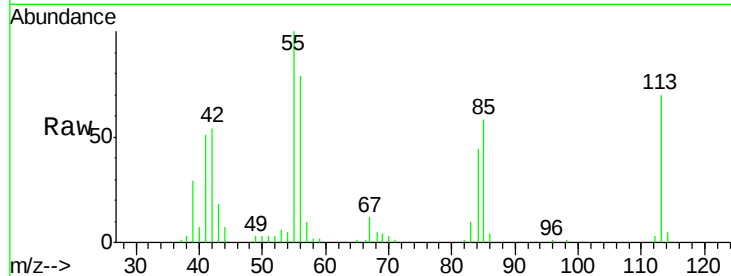
55 143.6 150.2 190.2#

56 113.0 107.8 147.8

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5/4/2017 3:35:12 PM



#36

4-Chloro-3-methylphenol

Concen: 50.64 ng

RT: 10.78 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

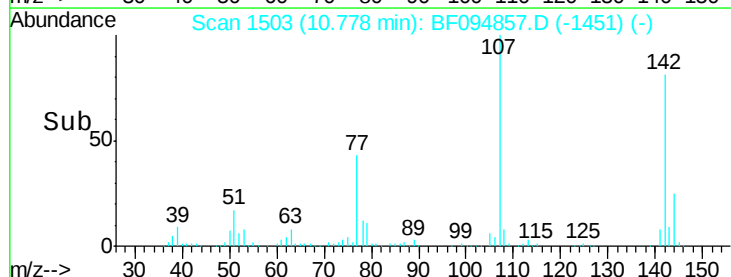
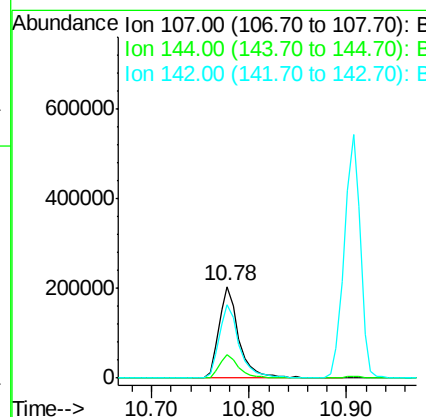
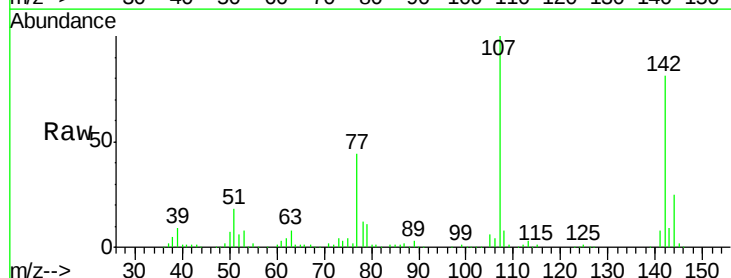
Tgt Ion:107 Resp: 288917

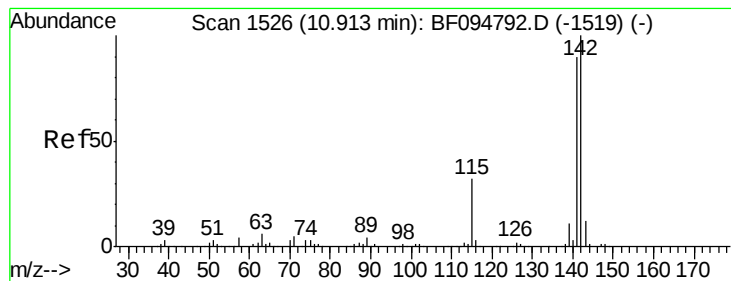
Ion Ratio Lower Upper

107 100

144 25.1 24.2 36.4

142 80.7 73.4 110.0





#37

2-Methylnaphthalene

Concen: 48.40 ng

RT: 10.91 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

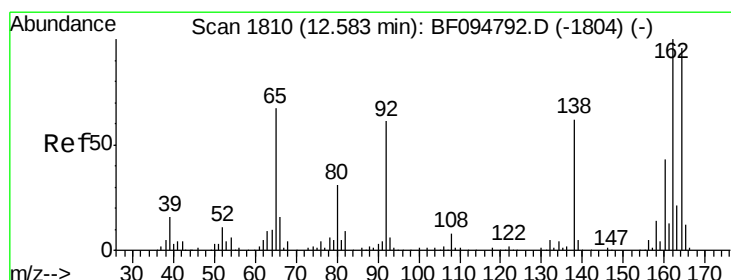
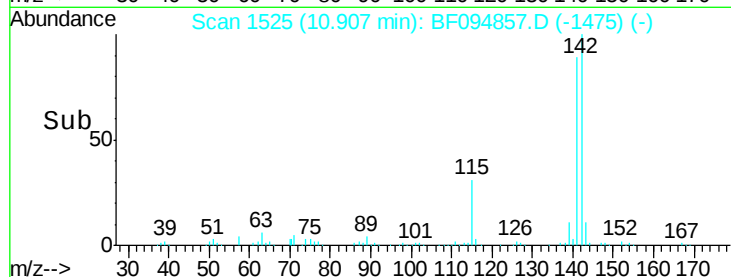
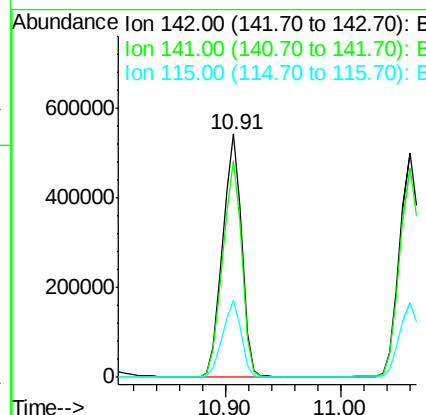
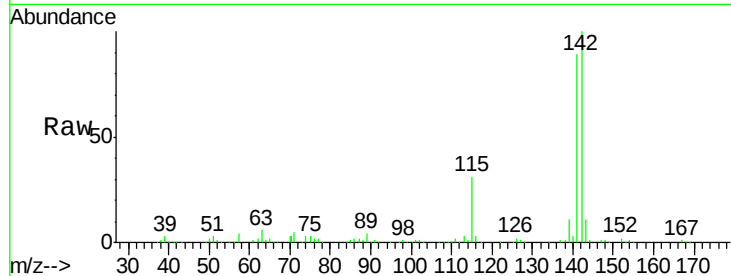
ClientSampleId :

SB-09-2.0-3.0MSD

Tgt Ion:	142	Resp:	622130
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.3	106.9
115	31.5	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.00 ng

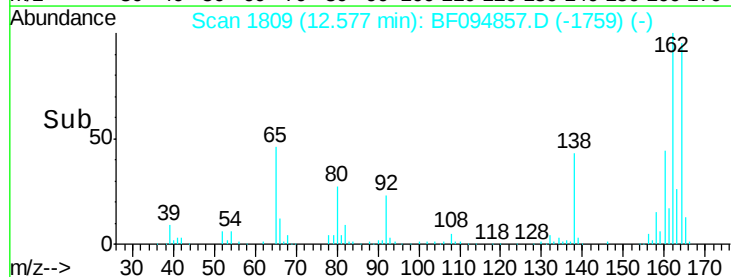
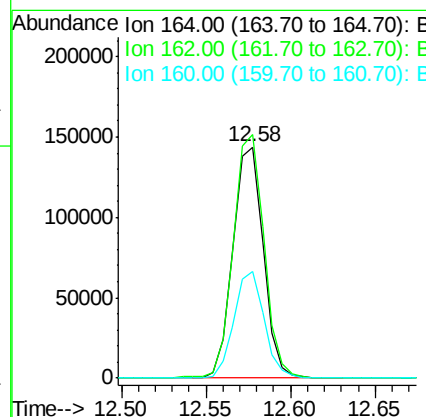
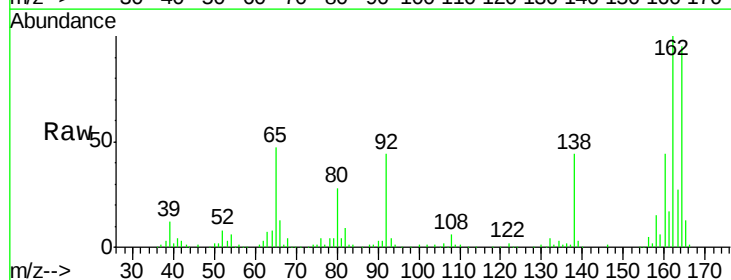
RT: 12.58 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Tgt Ion:	164	Resp:	180131
Ion Ratio	Lower	Upper	
164	100		
162	105.2	82.6	123.8
160	45.9	36.2	54.2





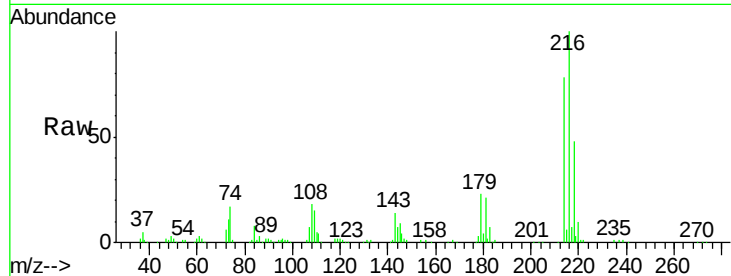
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.36 ng
 RT: 11.18 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

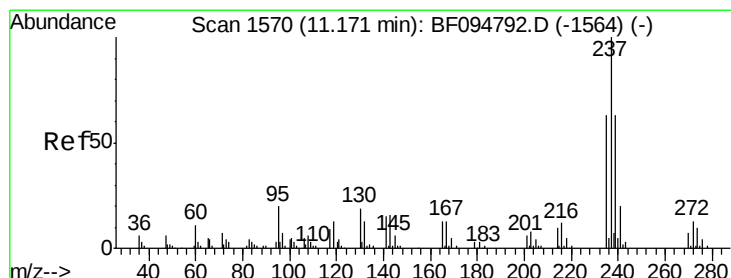
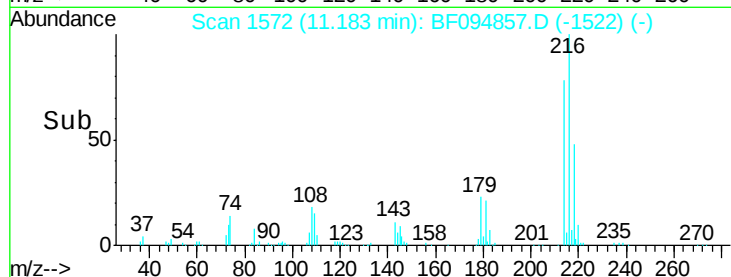
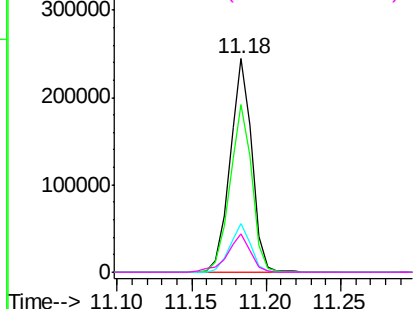
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	251247		
214	79.0	63.4	95.2	
179	22.1	17.9	26.9	
108	18.9	16.5	24.7	

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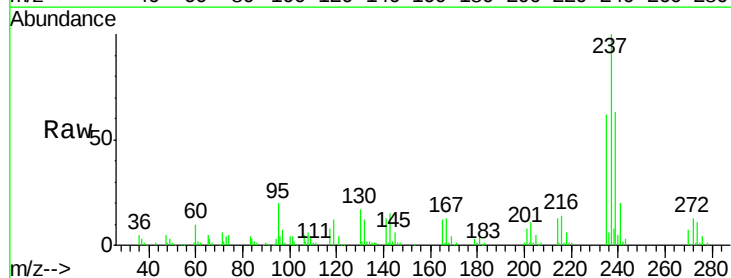


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

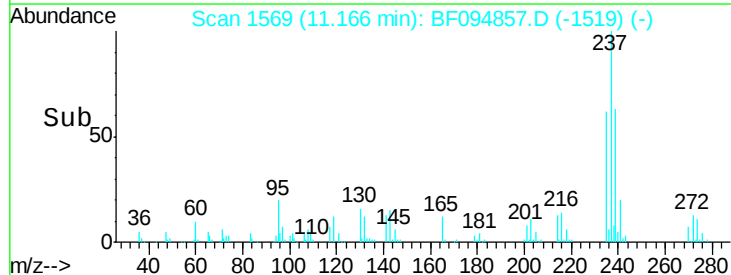
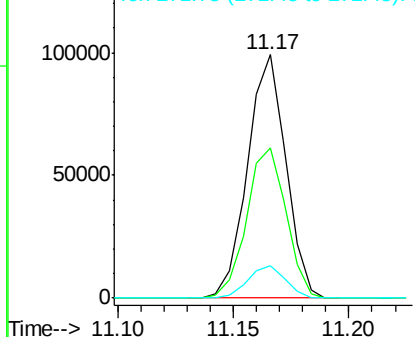


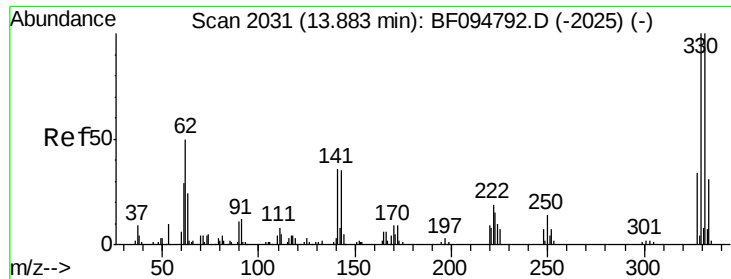
#40
 Hexachlorocyclopentadiene
 Concen: 51.64 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	114843		
235	61.6	42.6	82.6	
272	13.1	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





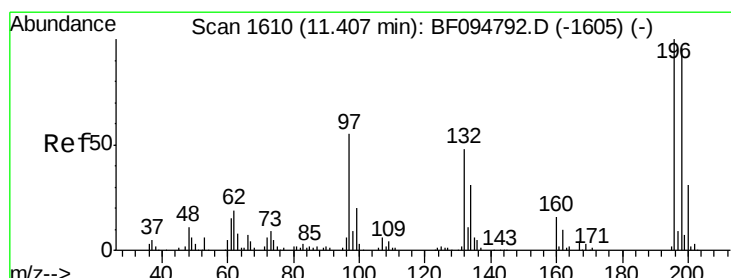
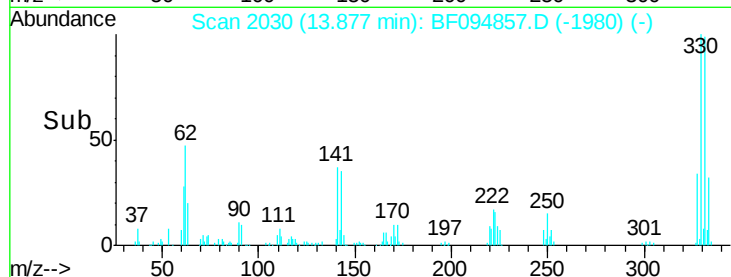
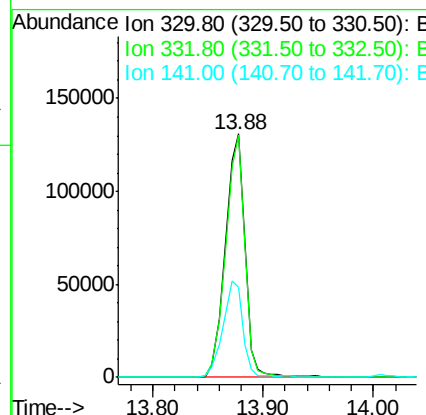
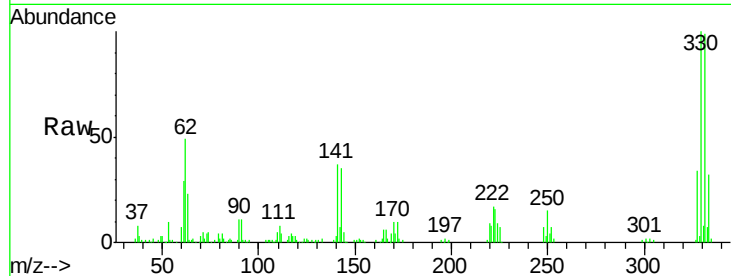
#41
 2,4,6-Tribromophenol
 Concen: 111.10 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	163891		
332	97.0	76.6	115.0	
141	39.6	31.4	47.2	

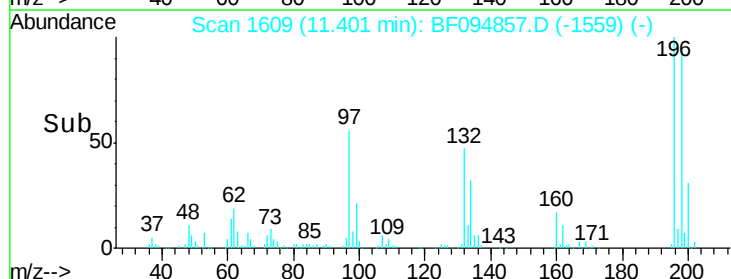
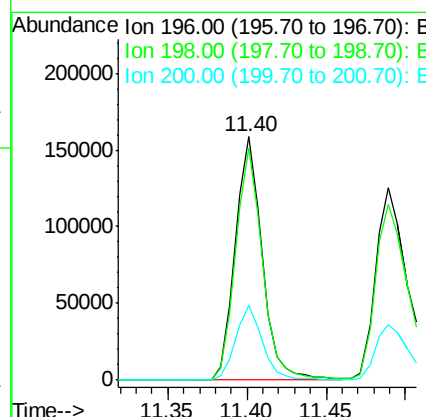
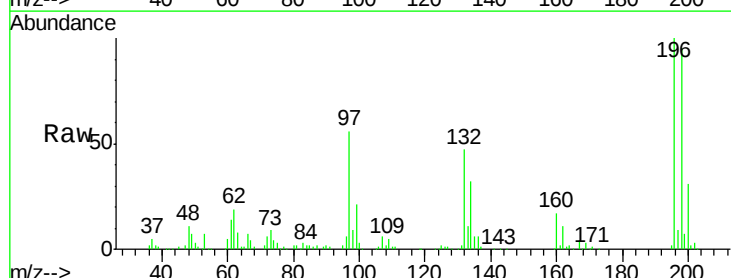
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#42
 2,4,6-Trichlorophenol
 Concen: 50.67 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

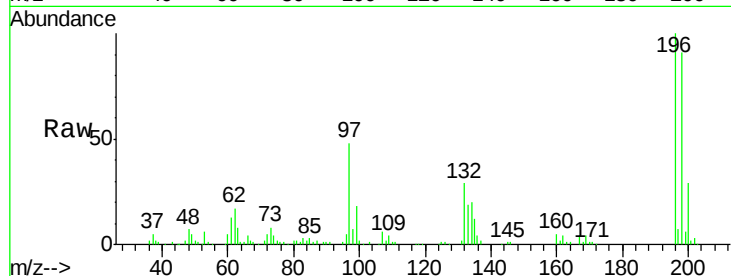
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	187411		
198	95.1	74.2	111.4	
200	30.7	24.0	36.0	





#43
 2,4,5-Trichlorophenol
 Concen: 48.82 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

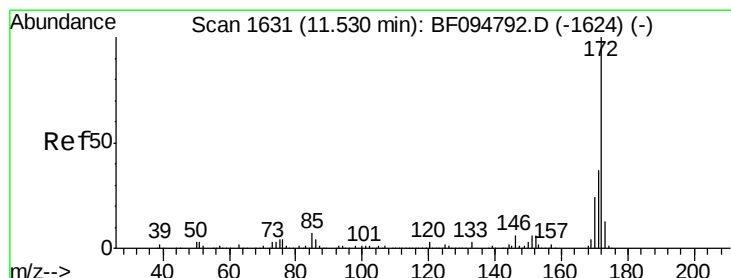
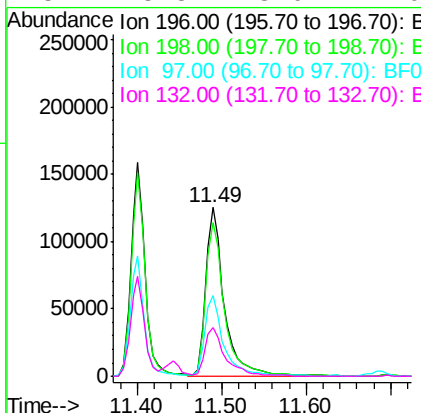
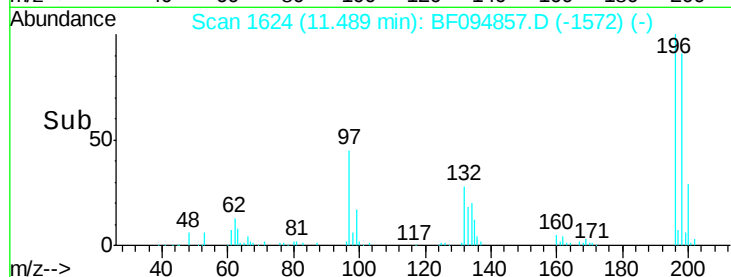
Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD



Tgt Ion:	196	Resp:	194072
Ion Ratio	Lower	Upper	
196	100		
198	91.1	75.7	113.5
97	47.8	47.7	71.5
132	28.8	28.0	42.0

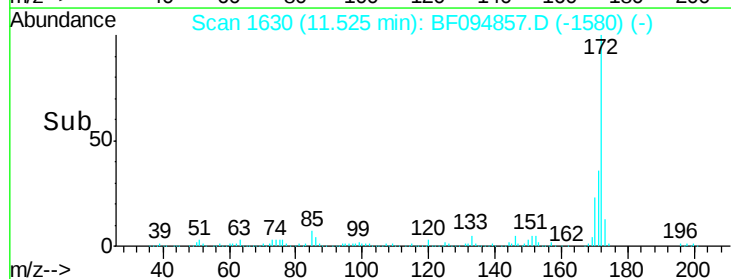
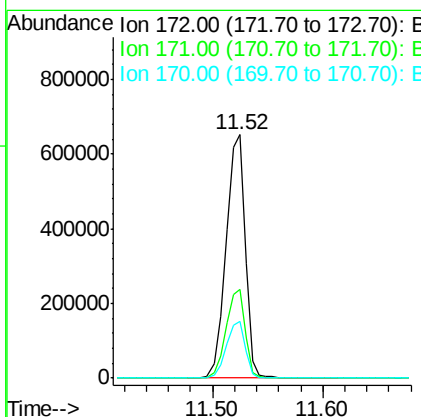
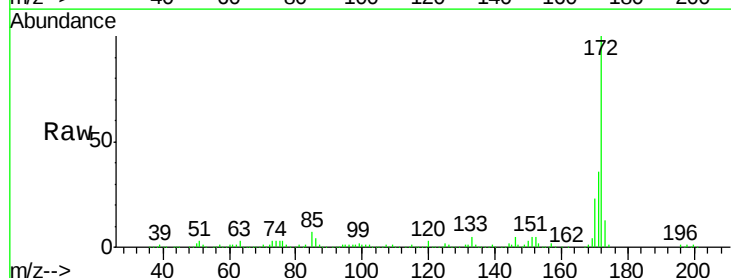
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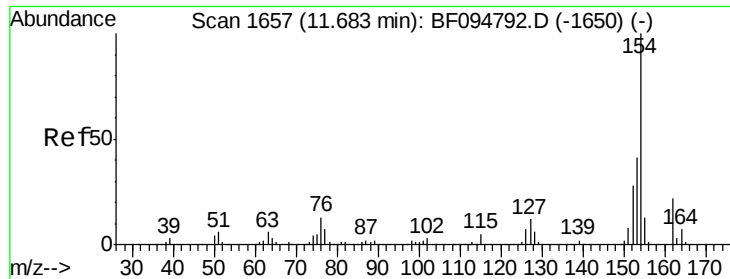
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#44
 2-Fluorobiphenyl
 Concen: 63.64 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion:	172	Resp:	796414
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	23.4	19.8	29.8





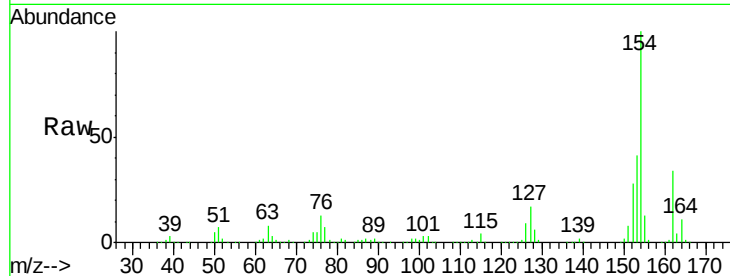
#45
 1,1'-Biphenyl
 Concen: 48.20 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

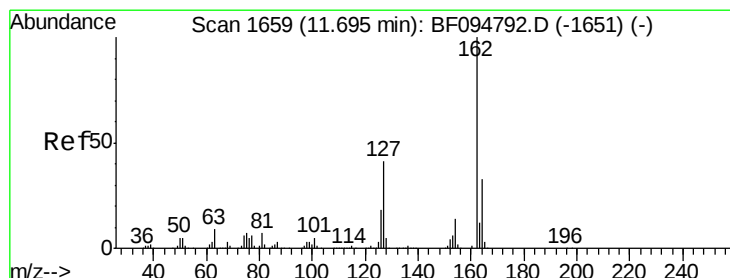
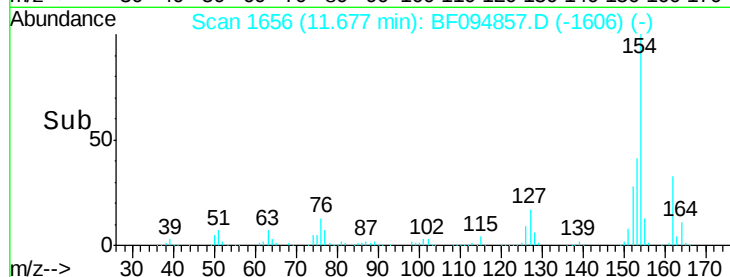
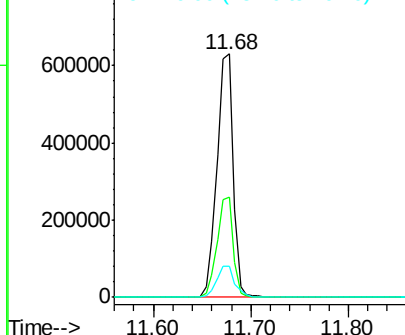
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	12.8	0.0	29.9

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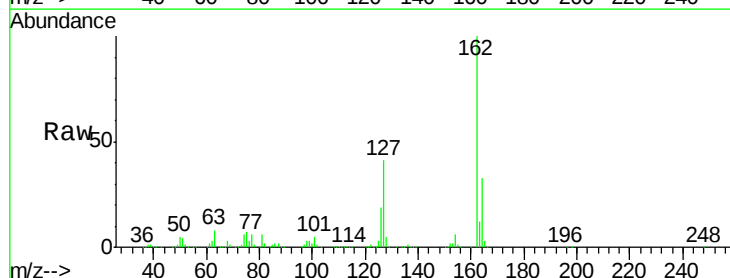


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

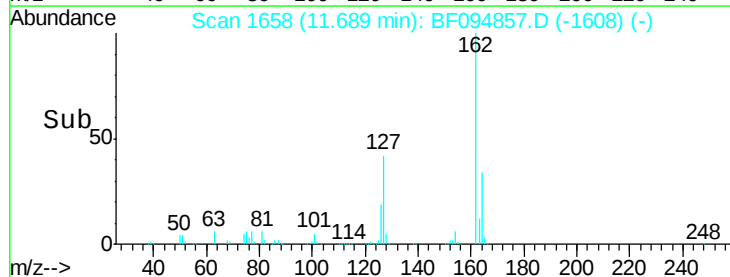
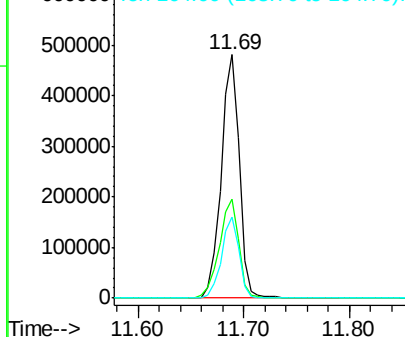


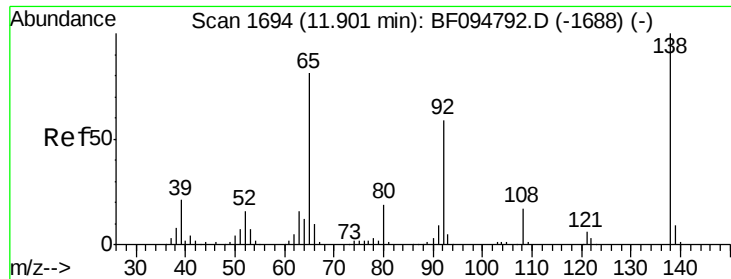
#46
 2-Chloronaphthalene
 Concen: 47.23 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	28.3	42.5
164	33.1	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





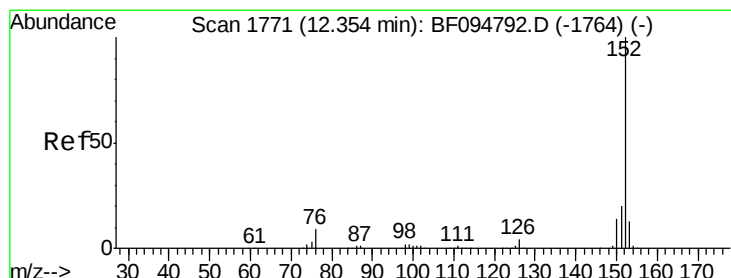
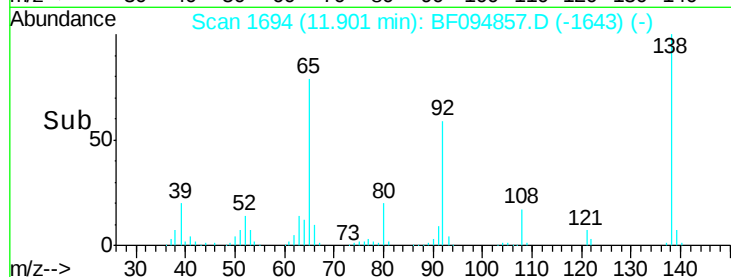
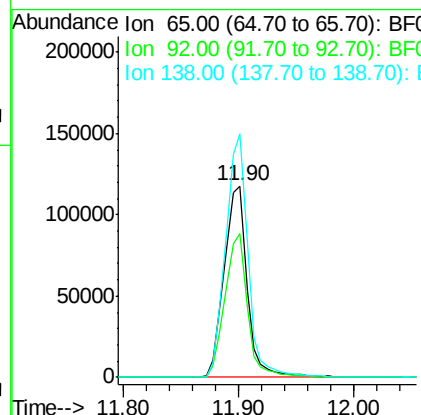
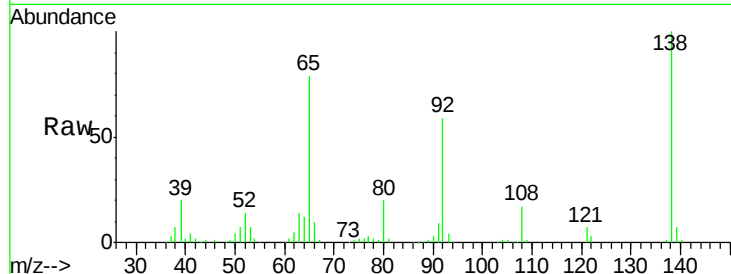
#47
 2-Nitroaniline
 Concen: 48.93 ng
 RT: 11.90 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.3	53.9	80.9
138	127.3	78.8	118.2

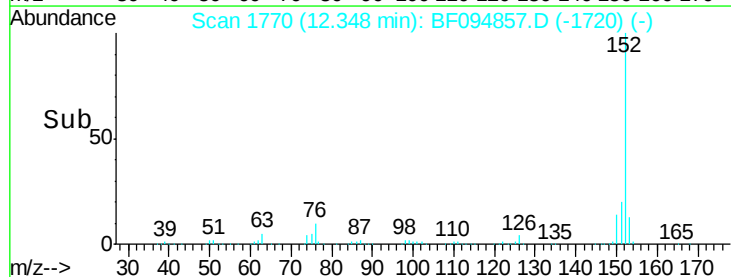
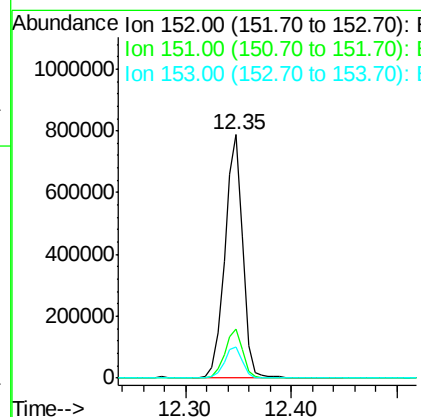
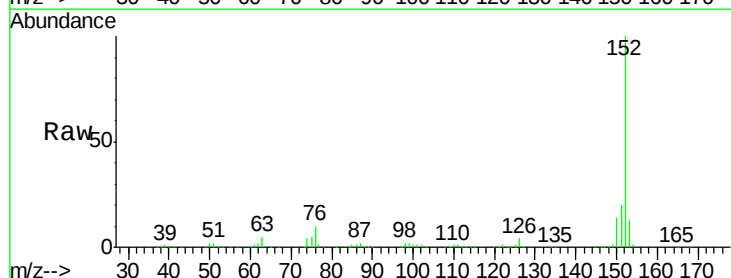
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#48
 Acenaphthylene
 Concen: 48.15 ng
 RT: 12.35 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.0	10.8	16.2





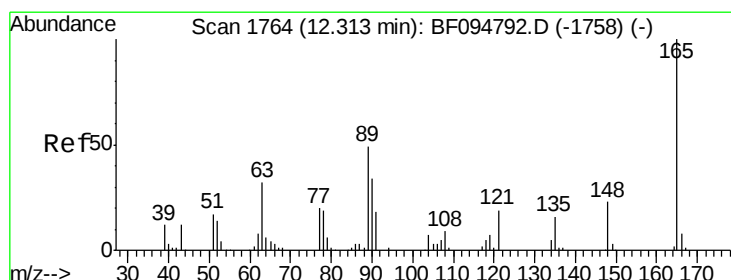
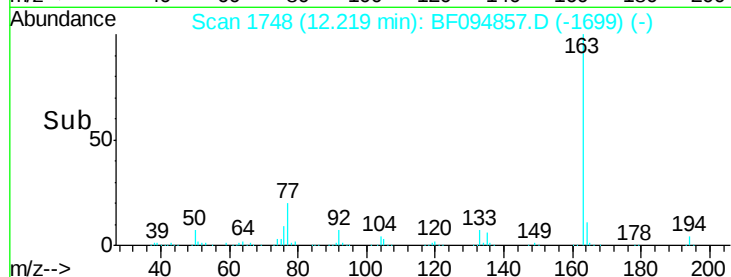
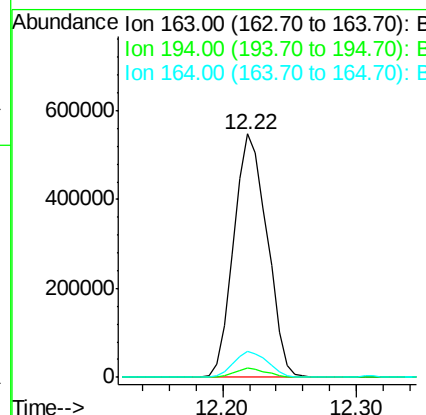
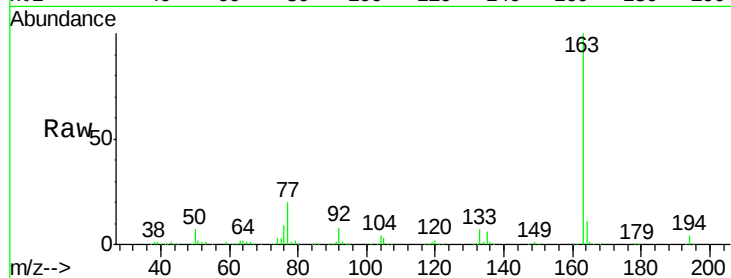
#49
Dimethylphthalate
Concen: 64.54 ng
RT: 12.22 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.6	4.0
164	10.6	8.4	12.6

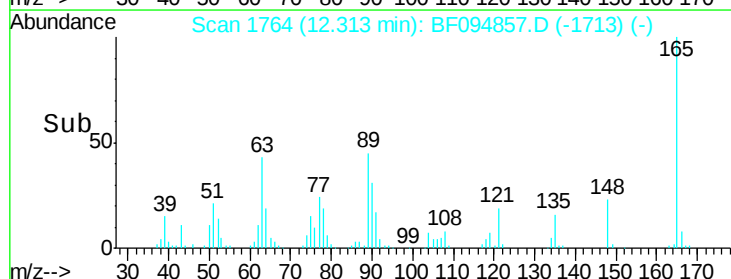
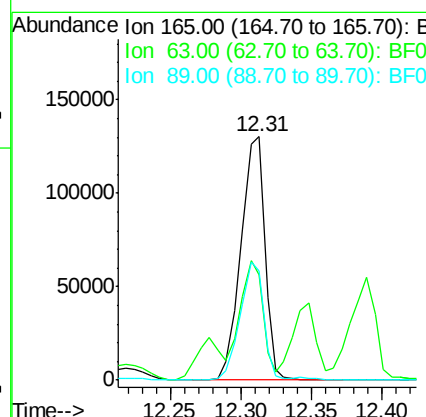
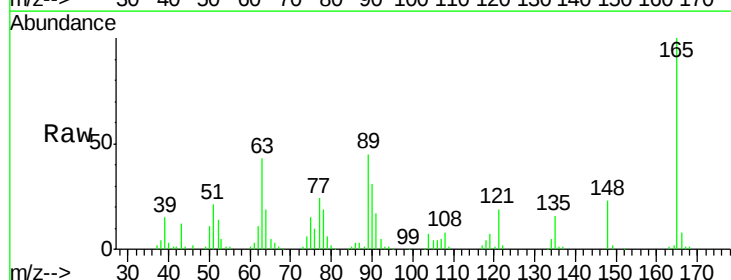
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#50
2,6-Dinitrotoluene
Concen: 51.39 ng
RT: 12.31 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	43.3	34.3	51.5
89	44.6	37.1	55.7





#51

Acenaphthene

Concen: 47.33 ng

RT: 12.63 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

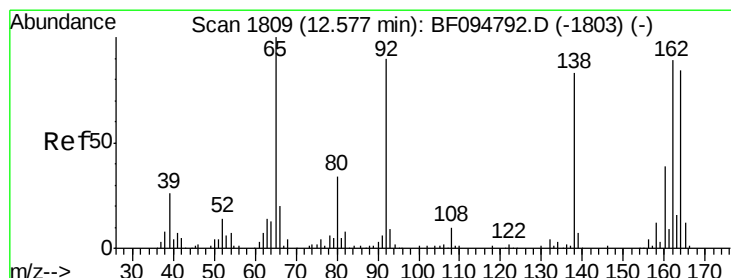
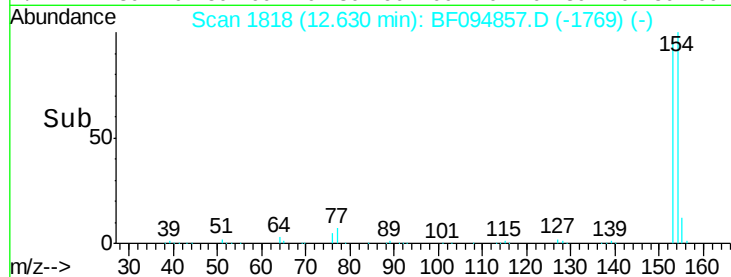
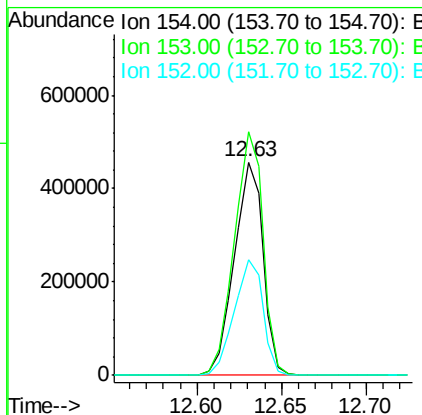
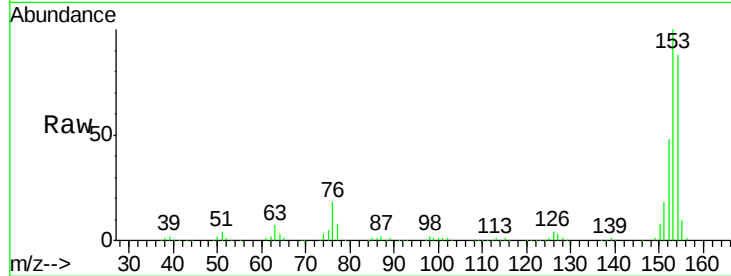
ClientSampleId :

SB-09-2.0-3.0MSD

Tgt Ion:	154	Resp:	542198
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.5	135.7
152	54.3	43.6	65.4

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#52

3-Nitroaniline

Concen: 27.97 ng

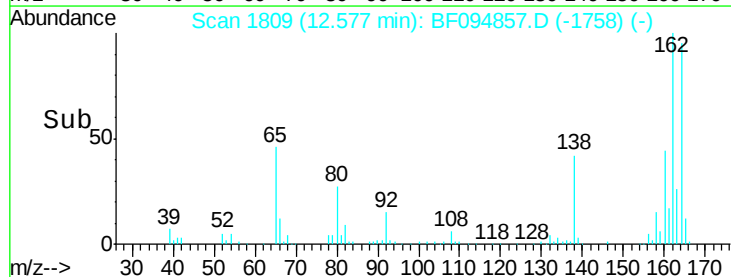
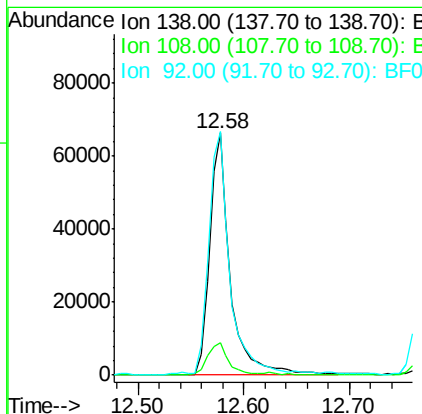
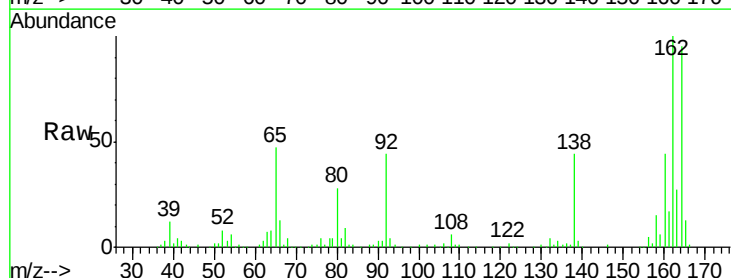
RT: 12.58 min Scan# 1809

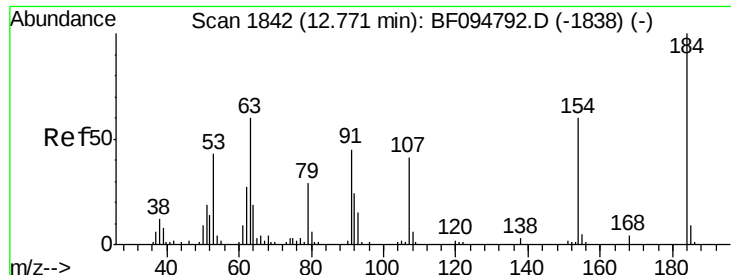
Delta R.T. 0.00 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Tgt Ion:	138	Resp:	90562
Ion Ratio	Lower	Upper	
138	100		
108	13.3	9.1	13.7
92	100.6	93.8	140.6





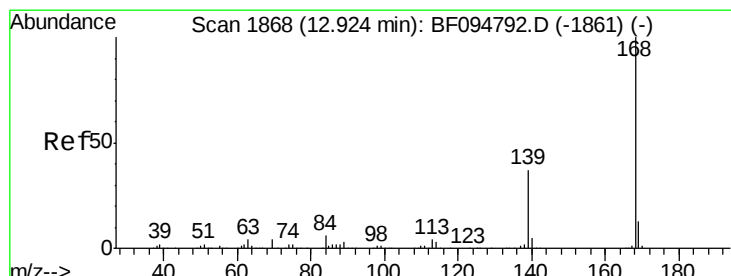
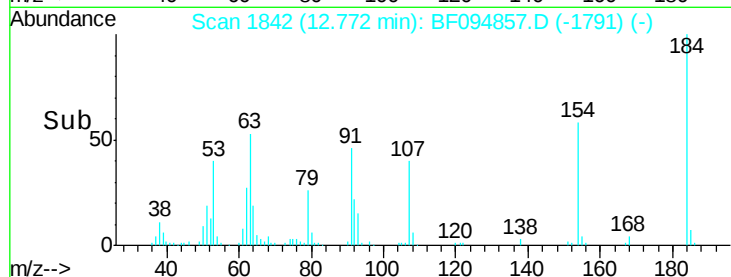
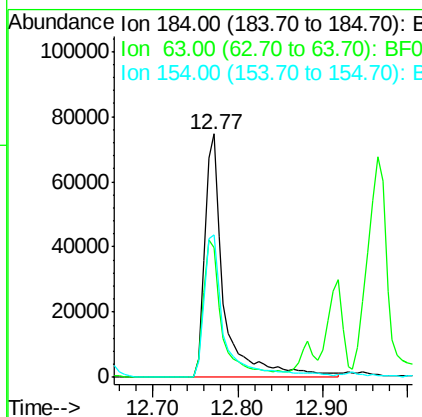
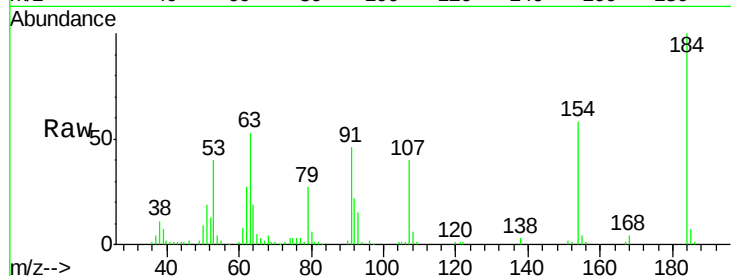
#53
 2,4-Dinitrophenol
 Concen: 71.86 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

Tgt Ion:184 Resp: 118266
 Ion Ratio Lower Upper
 184 100
 63 53.5 62.7 94.1#
 154 58.3 81.1 121.7#

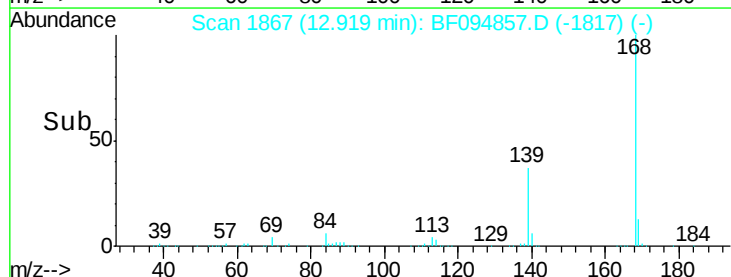
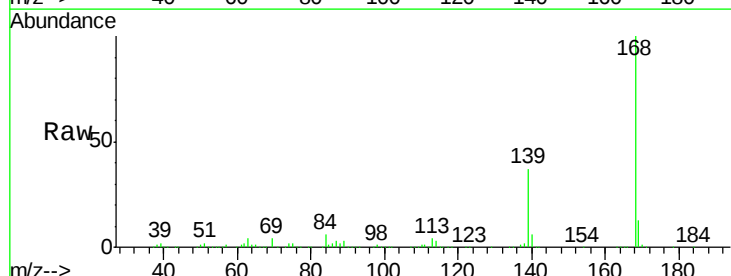
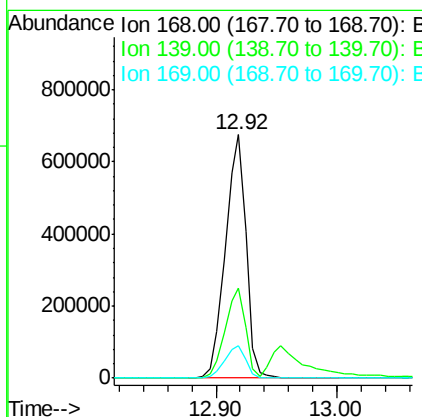
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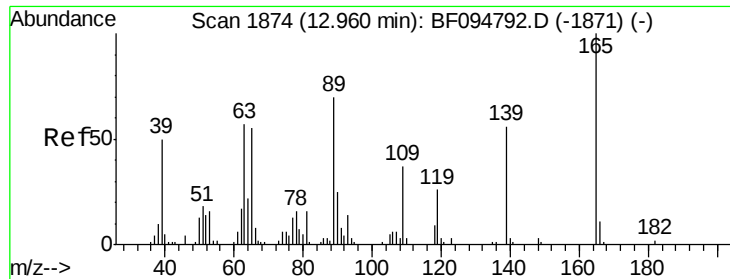
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#54
 Dibenzofuran
 Concen: 50.27 ng
 RT: 12.92 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion:168 Resp: 796925
 Ion Ratio Lower Upper
 168 100
 139 37.1 30.6 45.8
 169 13.3 10.8 16.2





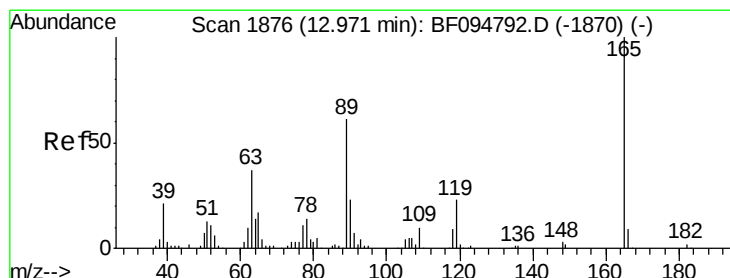
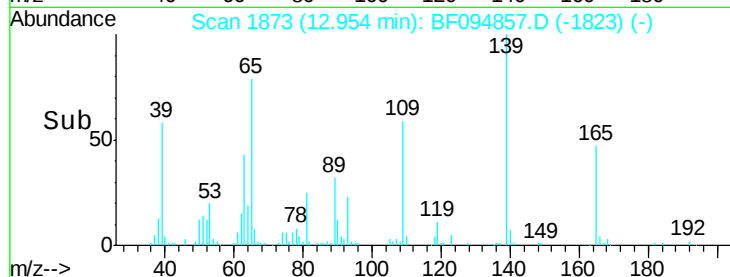
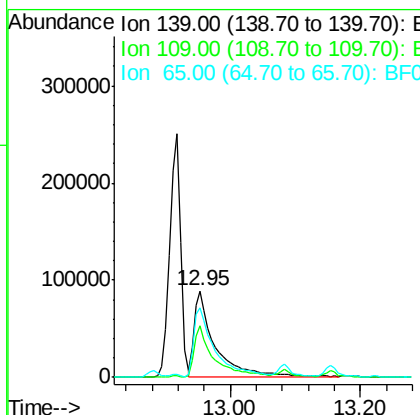
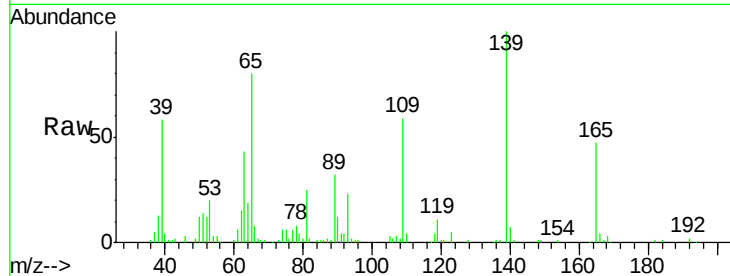
#55
4-Nitrophenol
Concen: 100.57 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	195600		
109	59.5	34.1	74.1	
65	80.1	31.4	71.4	#

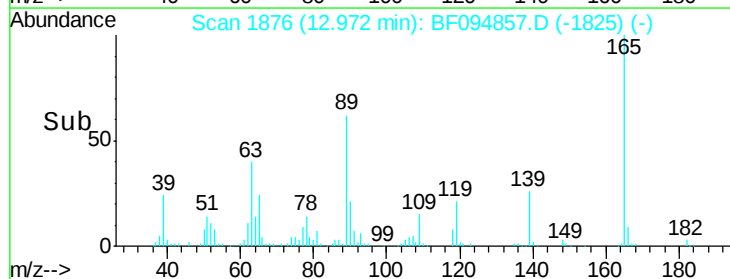
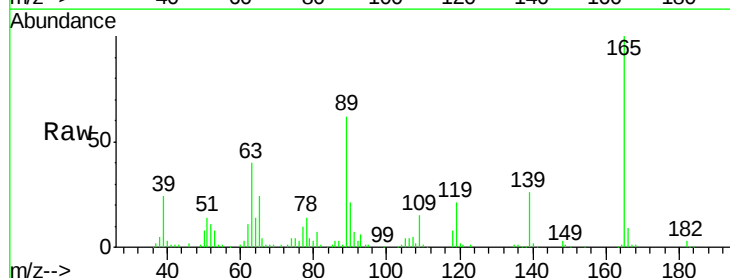
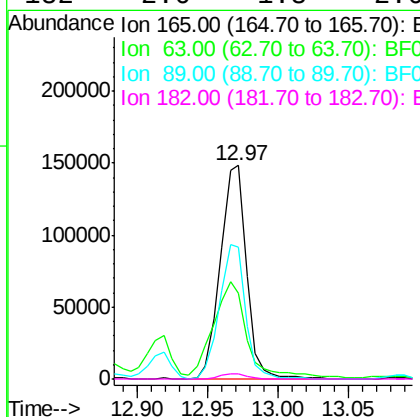
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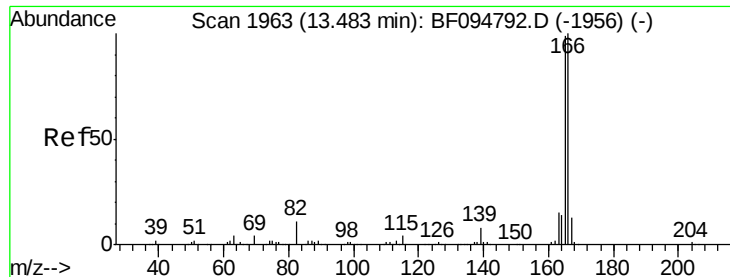
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#56
2,4-Dinitrotoluene
Concen: 49.36 ng
RT: 12.97 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191332		
63	40.5	25.4	38.0	#
89	61.5	46.4	69.6	
182	2.6	1.8	2.6	





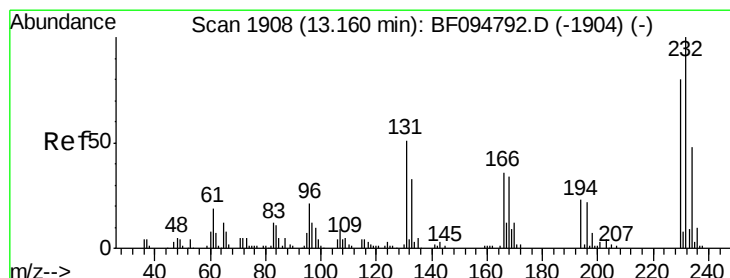
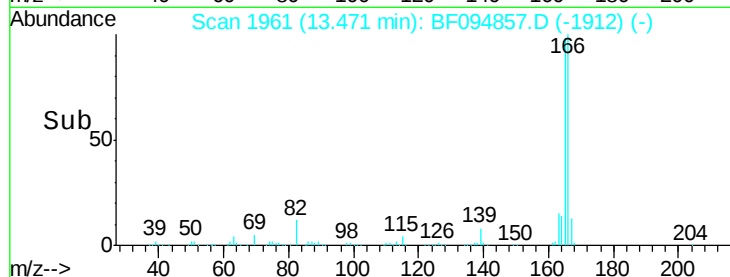
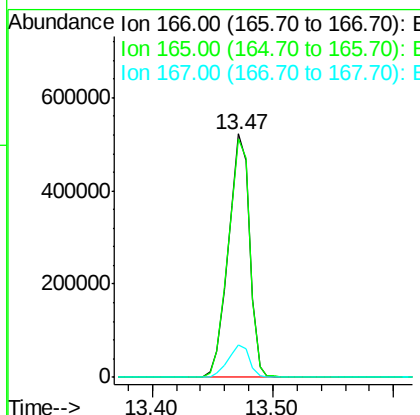
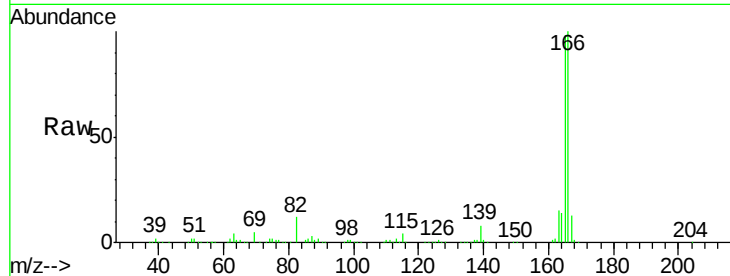
#57
Fluorene
Concen: 46.35 ng
RT: 13.47 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	638956		
165	98.1	78.8	118.2	
167	13.3	10.6	16.0	

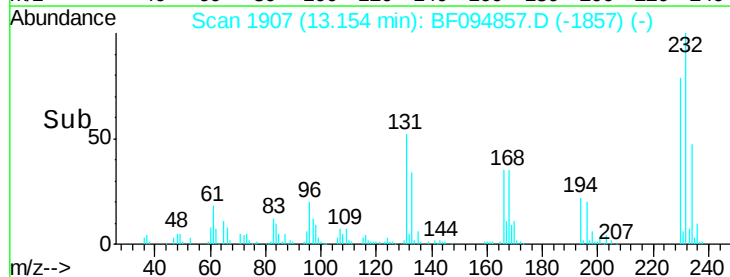
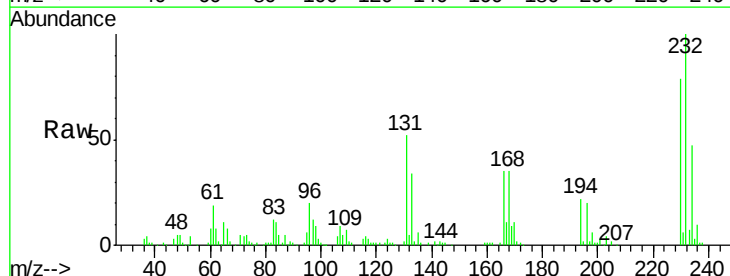
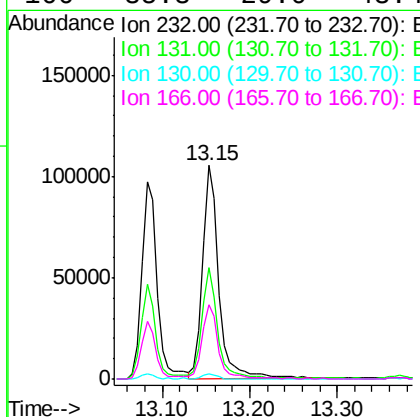
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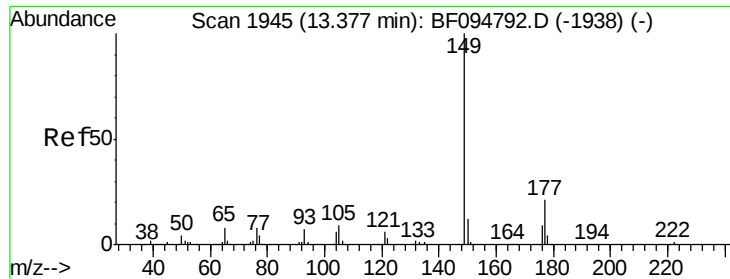
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#58
2,3,4,6-Tetrachlorophenol
Concen: 54.52 ng
RT: 13.15 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	136411		
131	51.5	44.8	67.2	
130	2.2	2.3	3.5	
166	35.3	29.0	43.4	





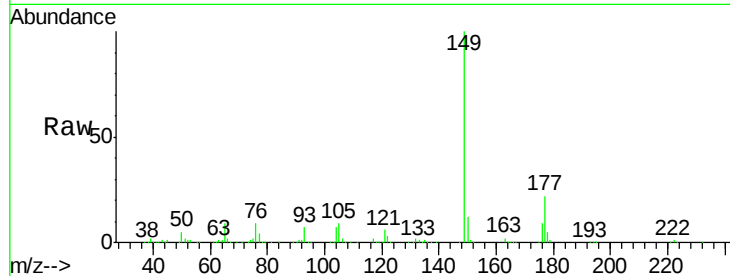
#59
Diethylphthalate
Concen: 44.78 ng
RT: 13.37 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

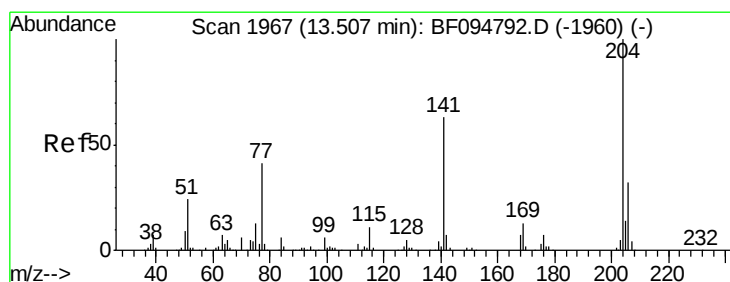
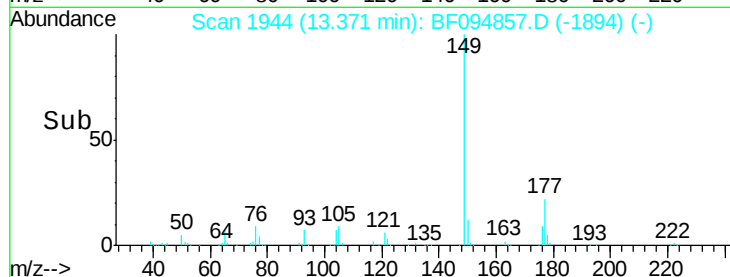
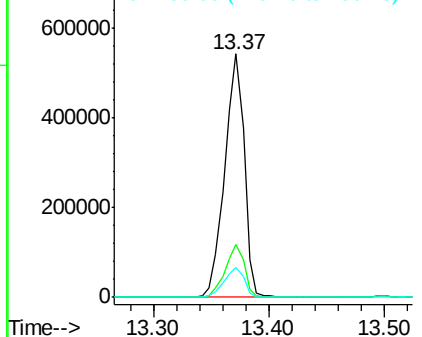
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	634744		
177	21.8	16.7	25.1	
150	12.3	10.2	15.2	

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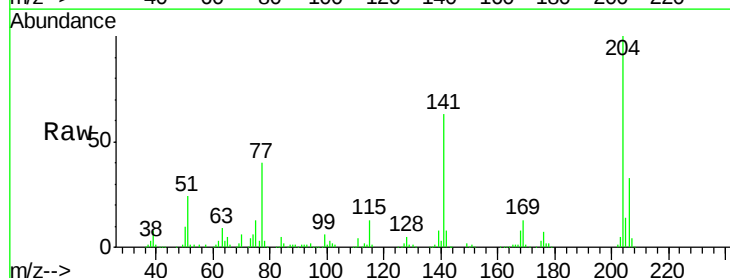


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

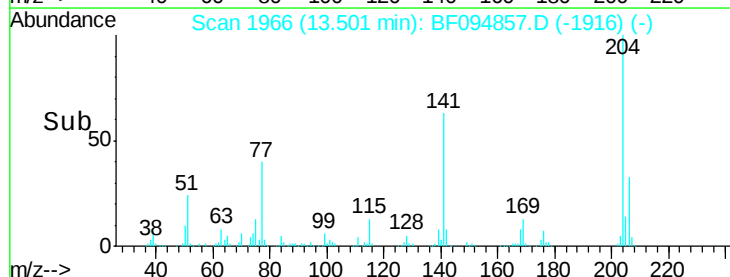
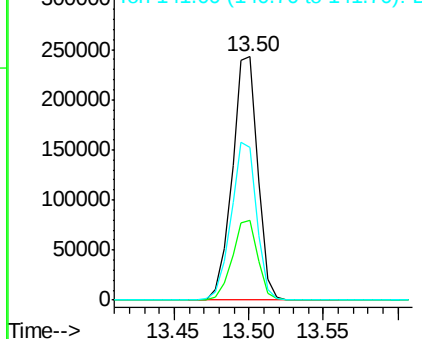


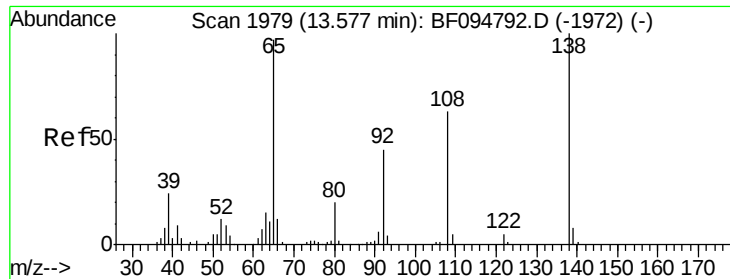
#60
4-Chlorophenyl-phenylether
Concen: 48.02 ng
RT: 13.50 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	290954		
206	32.5	26.2	39.2	
141	62.6	60.8	91.2	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





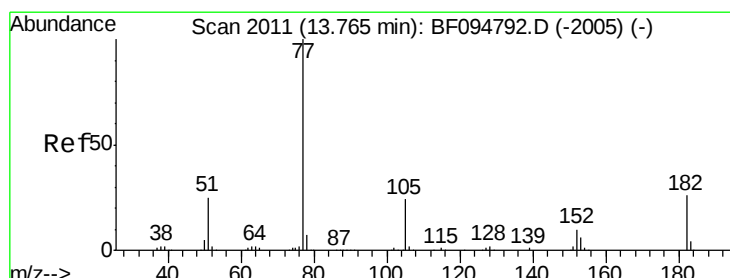
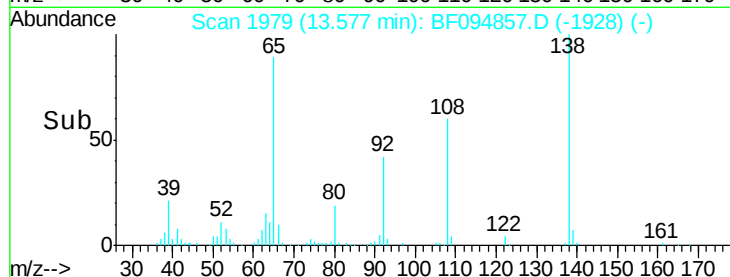
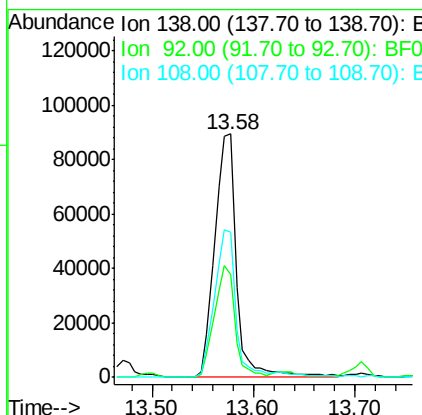
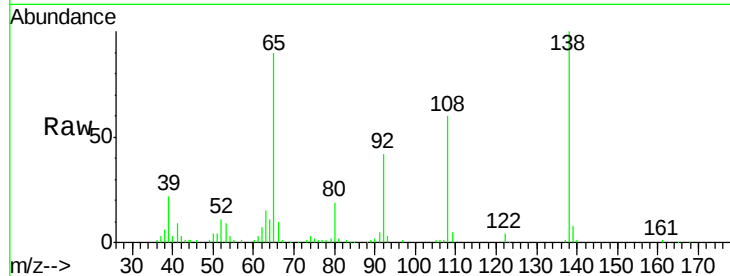
#61
4-Nitroaniline
Concen: 45.21 ng
RT: 13.58 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.4	21.8	61.8
108	59.6	42.3	82.3

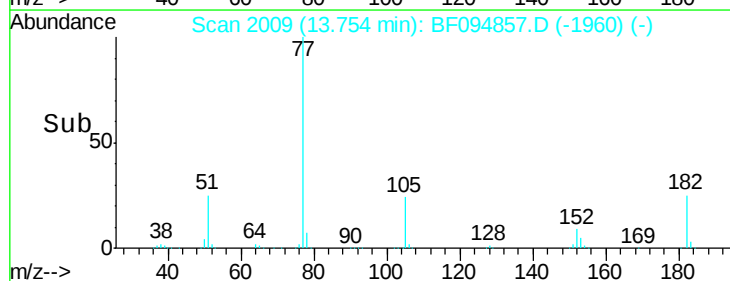
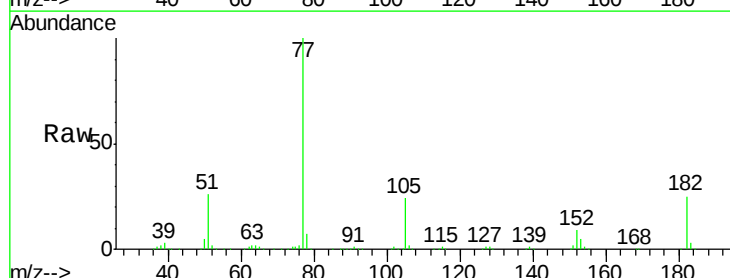
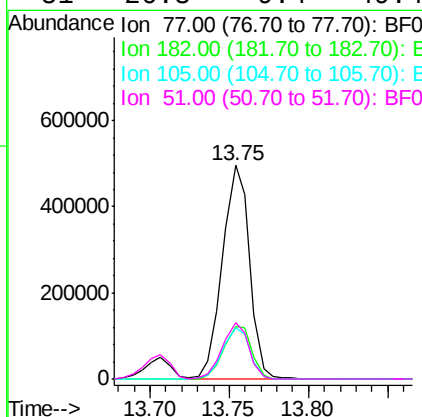
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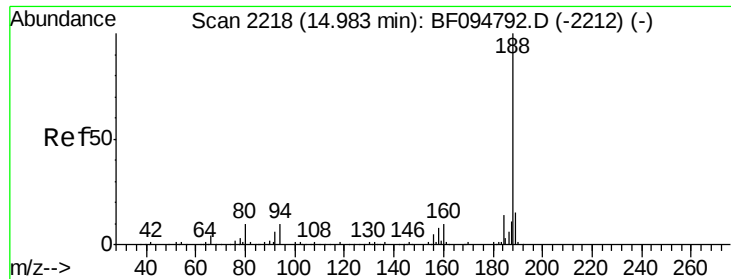
mohammad
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#62
Azobenzene
Concen: 51.43 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	0.1	40.1
105	24.0	3.6	43.6
51	26.3	9.4	49.4





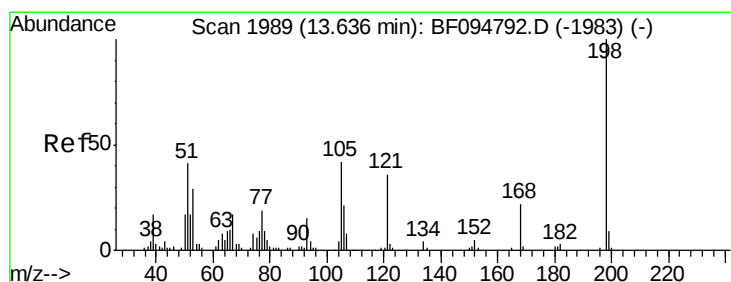
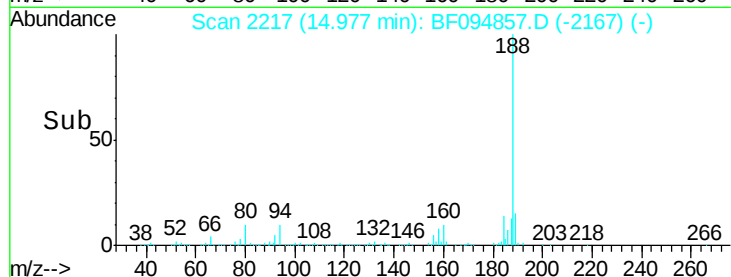
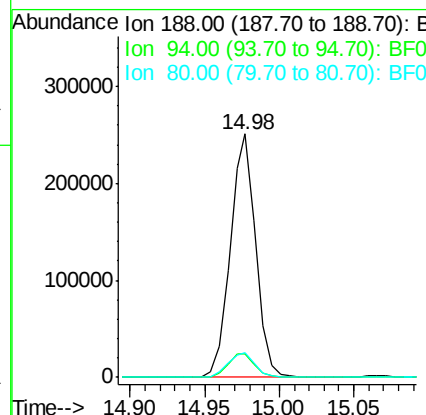
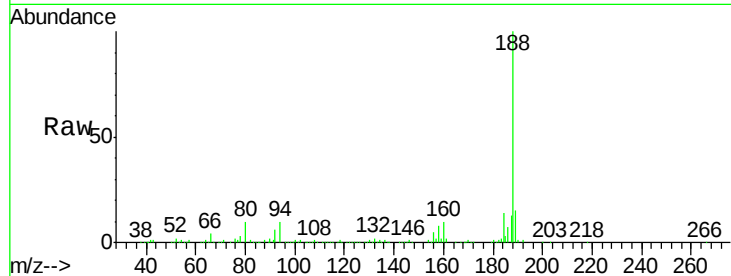
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	9.4	14.2
80	10.0	10.2	15.2#

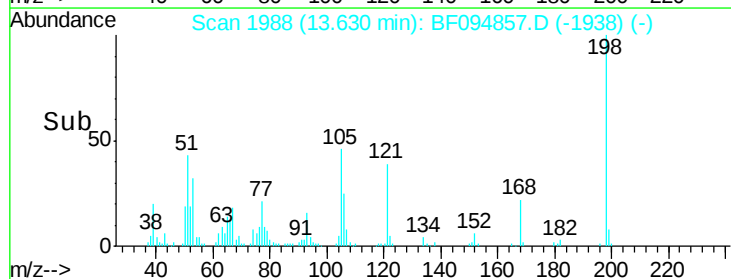
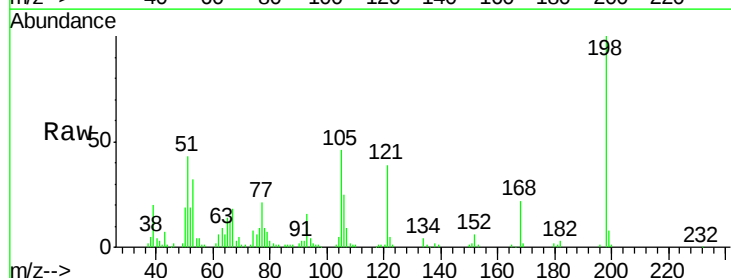
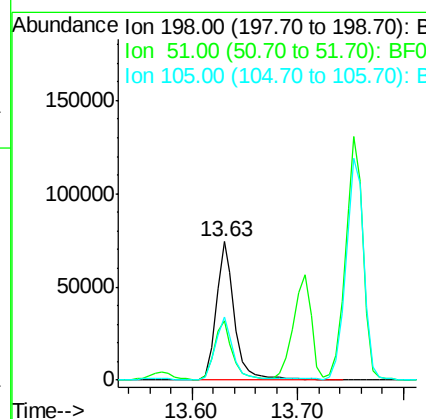
Manual Integrations
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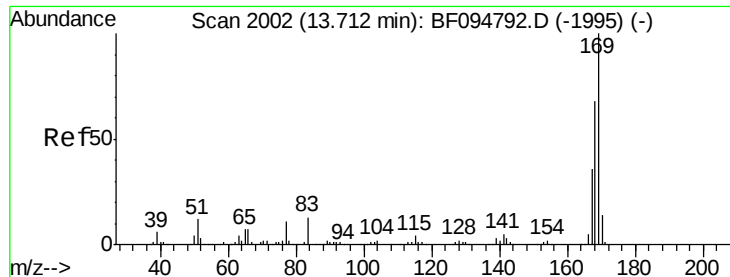
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.16 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	43.0	53.2	93.2#
105	45.7	45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 50.04 ng

RT: 13.71 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

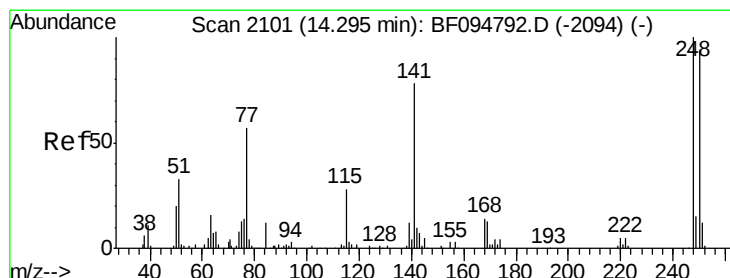
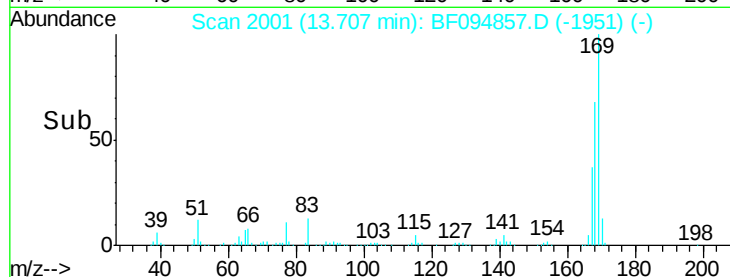
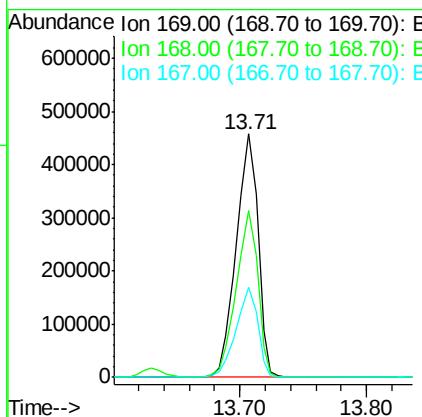
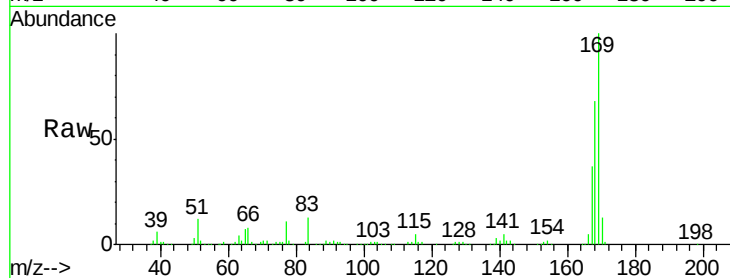
ClientSampleId :

SB-09-2.0-3.0MSD

Tgt Ion:	169	Resp:	544537
Ion Ratio	Lower	Upper	
169	100		
168	68.3	53.2	79.8
167	37.1	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 49.50 ng

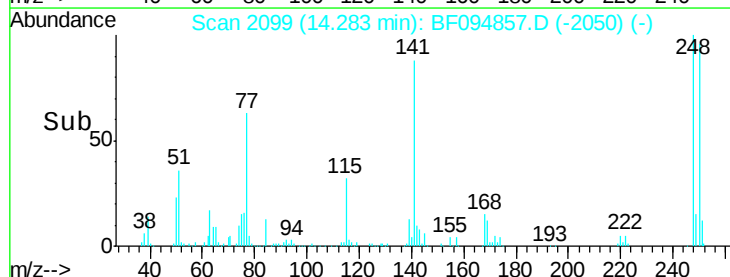
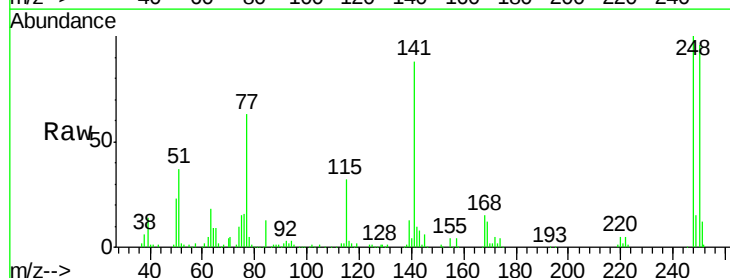
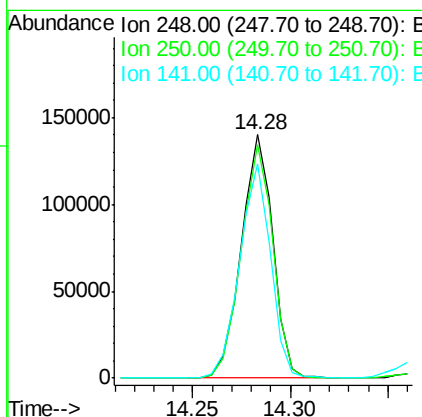
RT: 14.28 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Tgt Ion:	248	Resp:	156818
Ion Ratio	Lower	Upper	
248	100		
250	96.1	76.8	115.2
141	87.8	68.6	103.0





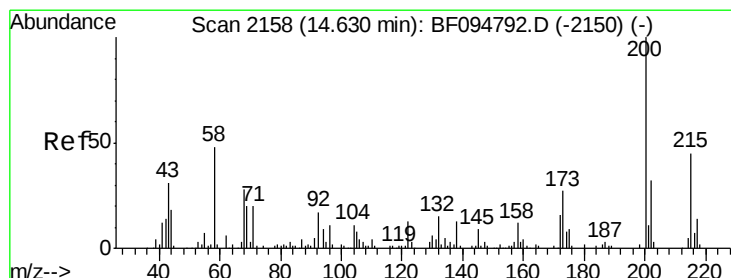
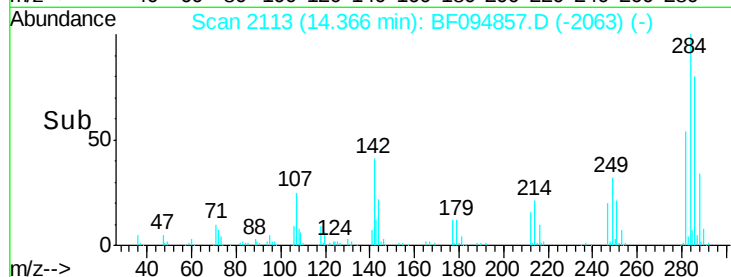
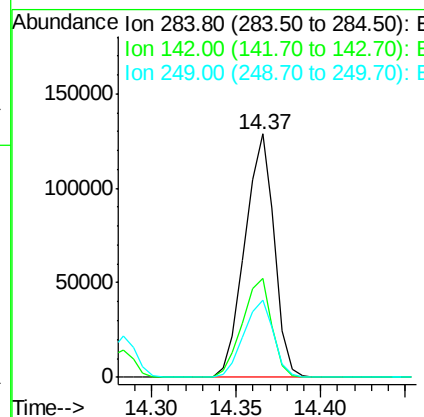
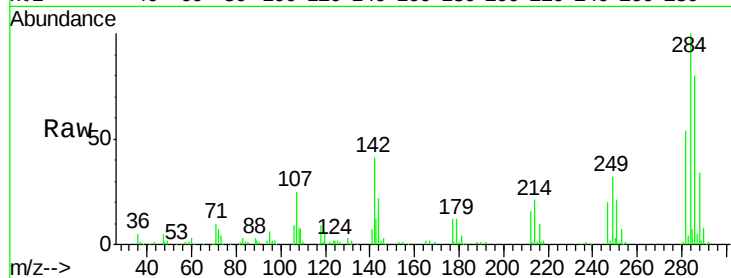
#67
Hexachlorobenzene
Concen: 48.05 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	155982		
142	40.7	22.8	34.2	#
249	31.9	24.0	36.0	

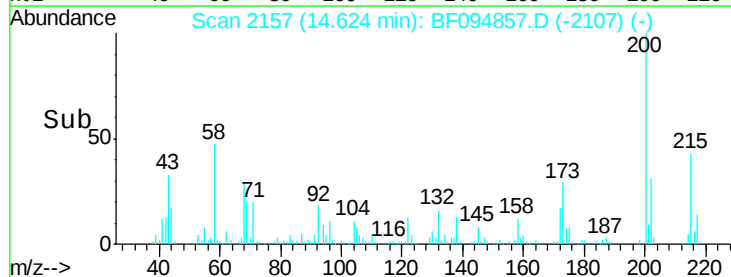
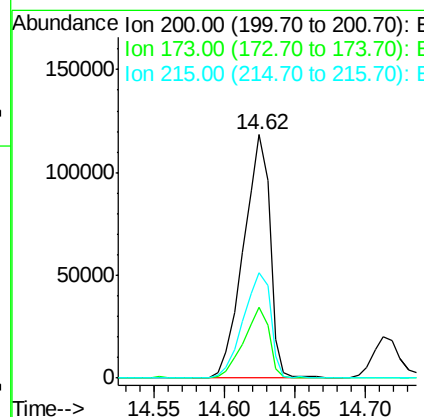
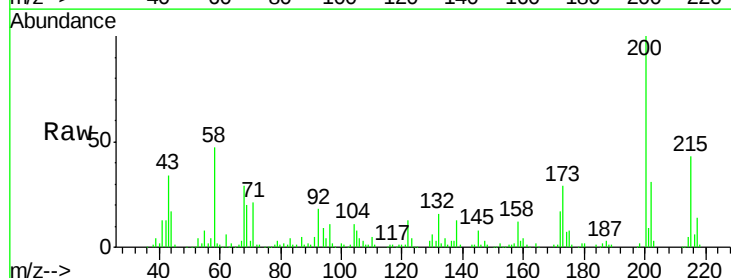
Manual Integrations
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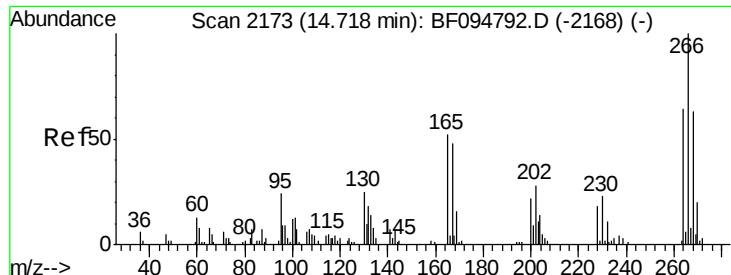
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#68
Atrazine
Concen: 50.40 ng
RT: 14.62 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	154852		
173	28.9	6.3	46.3	
215	43.4	27.2	67.2	





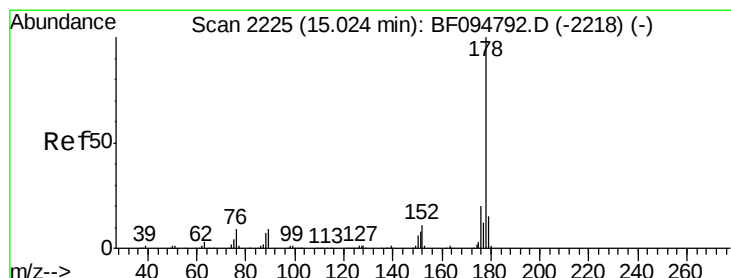
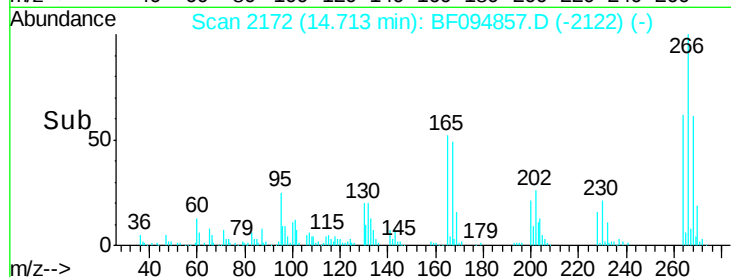
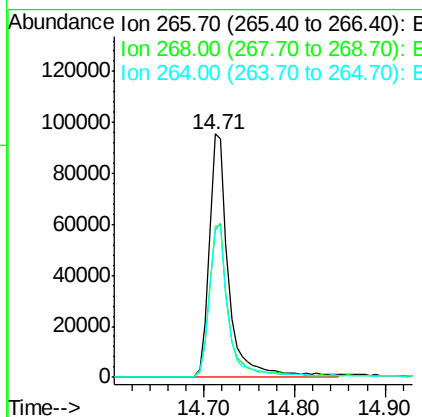
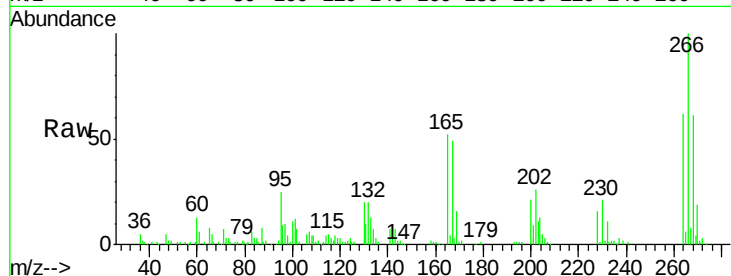
#69
 Pentachlorophenol
 Concen: 96.98 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	144333		
268	60.7	51.1	76.7	
264	62.1	51.7	77.5	

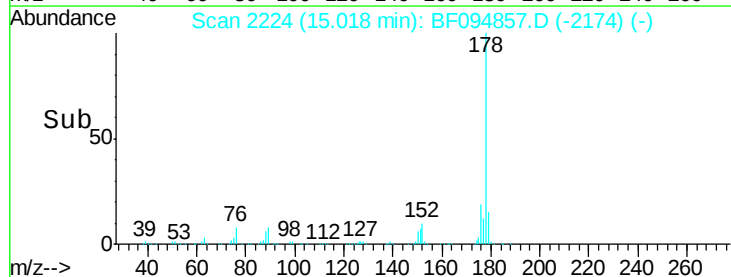
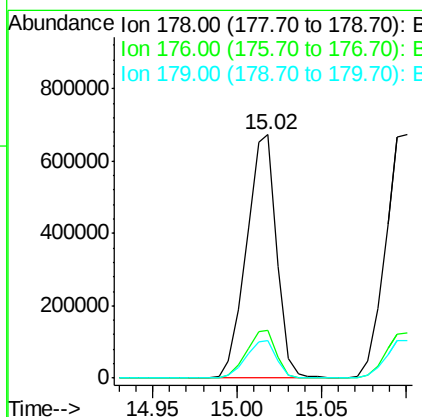
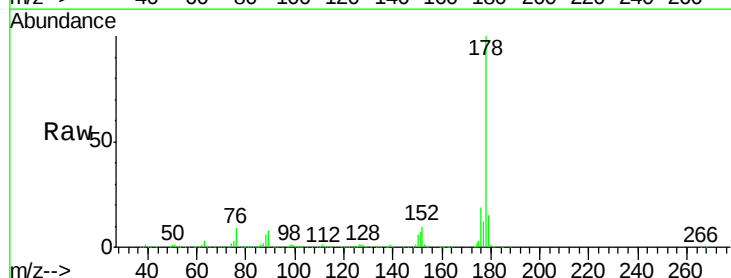
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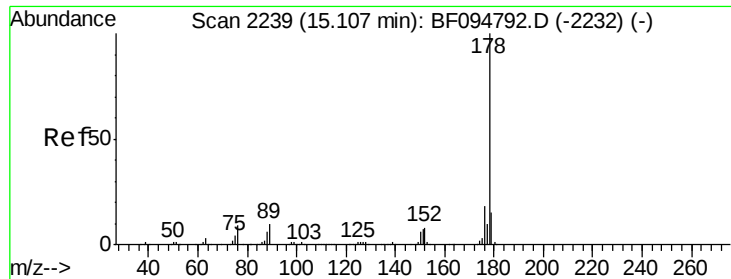
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#70
 Phenanthrene
 Concen: 48.50 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	835497		
176	19.5	16.2	24.4	
179	15.3	12.6	19.0	





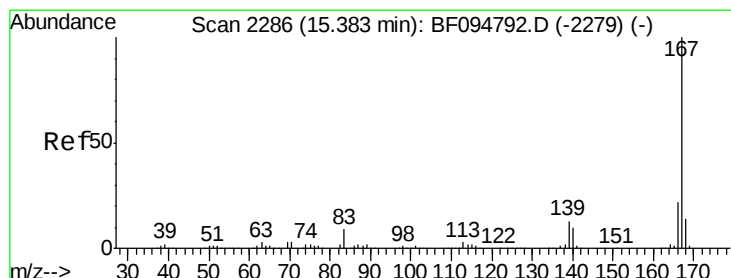
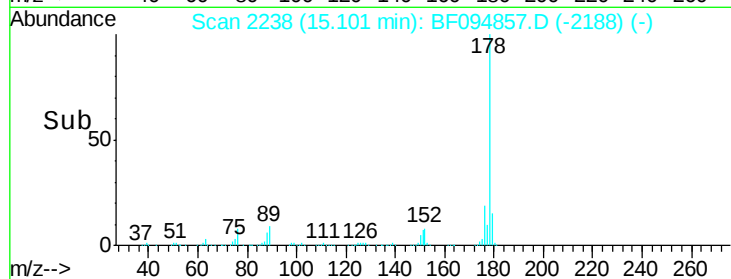
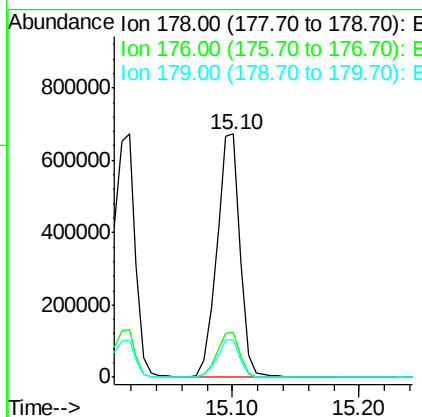
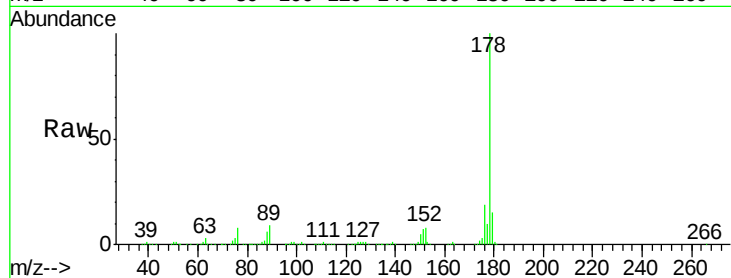
#71
 Anthracene
 Concen: 48.40 ng
 RT: 15.10 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.2	12.7	19.1

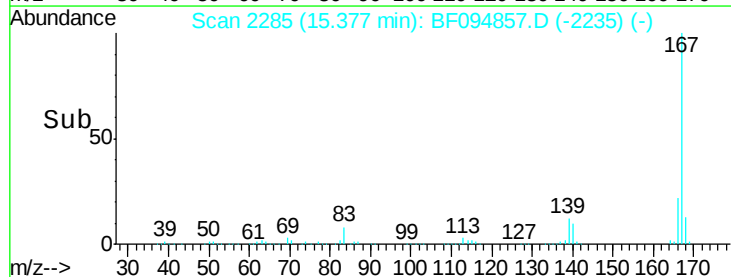
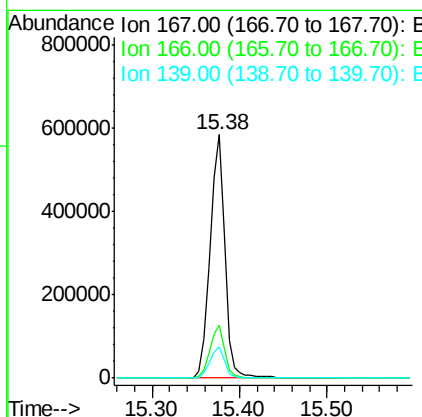
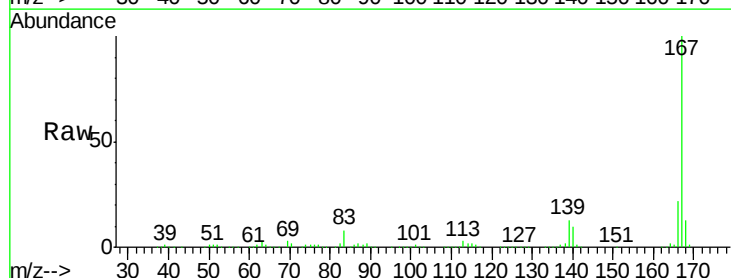
Manual Integrations
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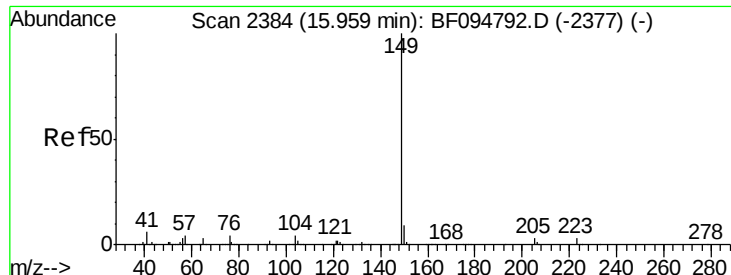
mohammad
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#72
 Carbazole
 Concen: 43.19 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	12.9	11.7	17.5





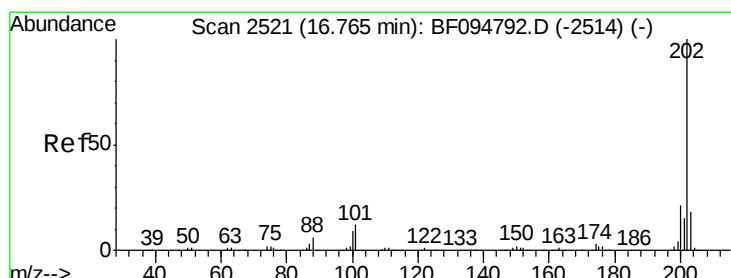
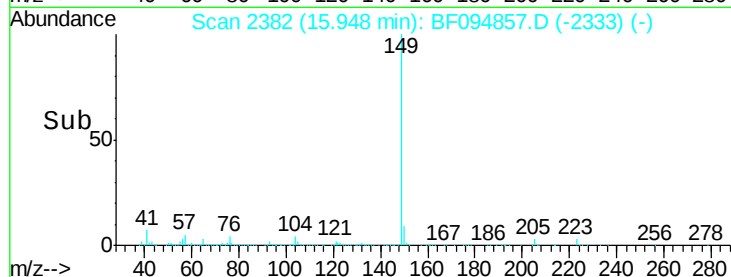
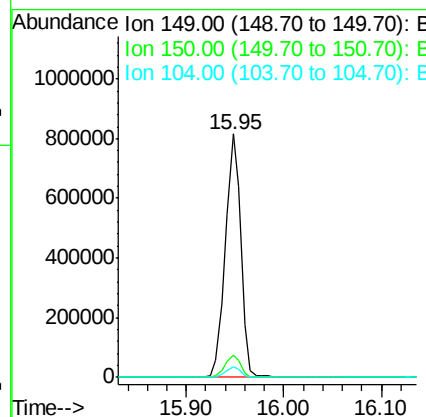
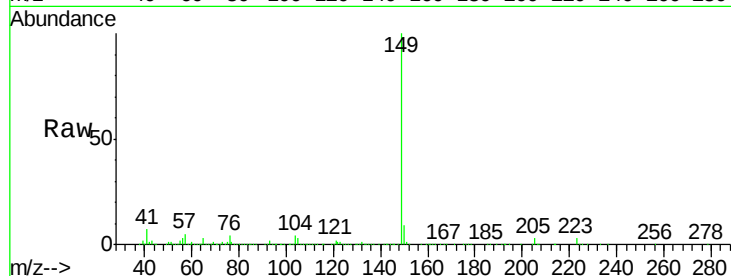
#73
Di-n-butylphthalate
Concen: 44.99 ng
RT: 15.95 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	898402		
150	9.2	7.7	11.5	
104	4.4	4.0	6.0	

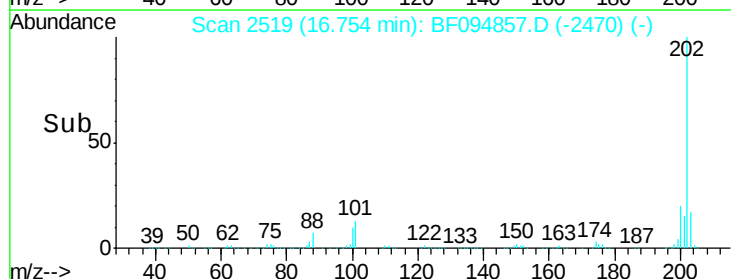
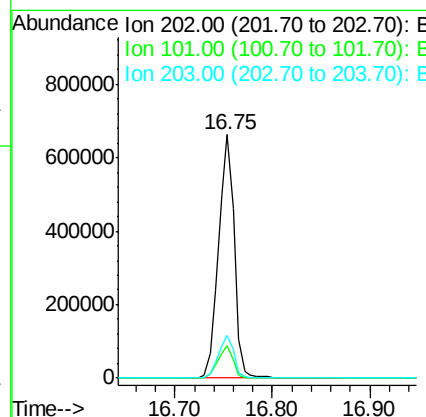
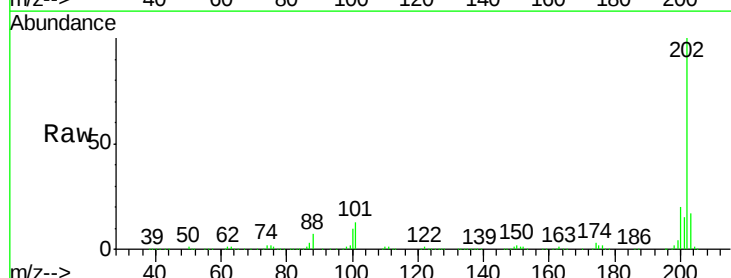
Manual Integrations
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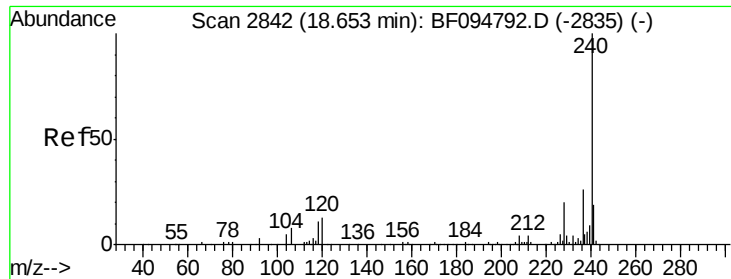
mohammad
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#74
Fluoranthene
Concen: 41.93 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	740965		
101	13.4	0.0	33.2	
203	17.3	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: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

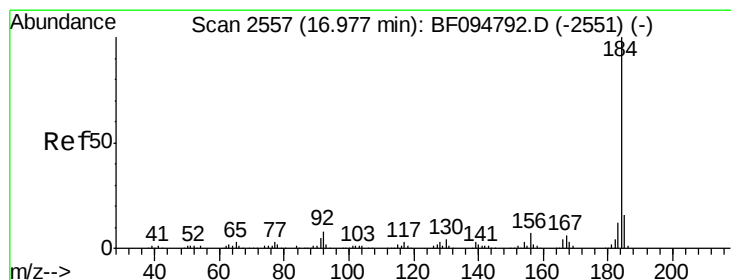
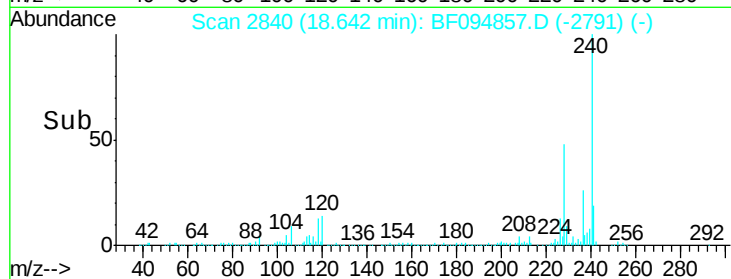
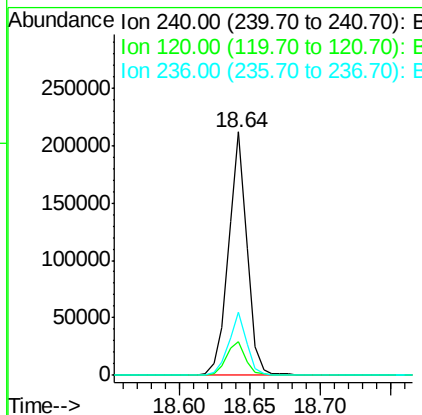
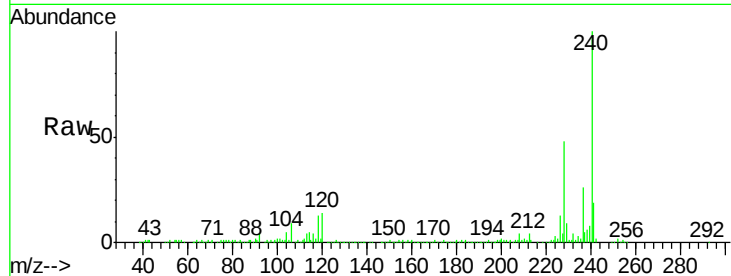
ClientSampleId :

SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.8	20.5	30.7

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#76

Benzidine

Concen: 26.26 ng

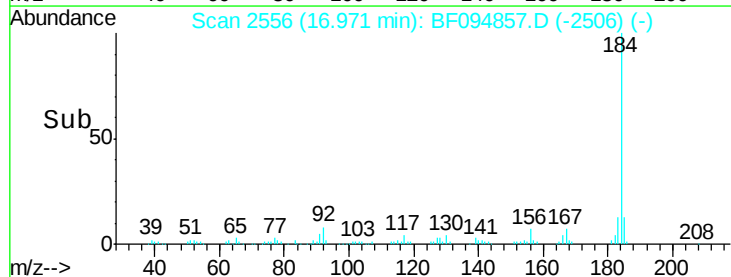
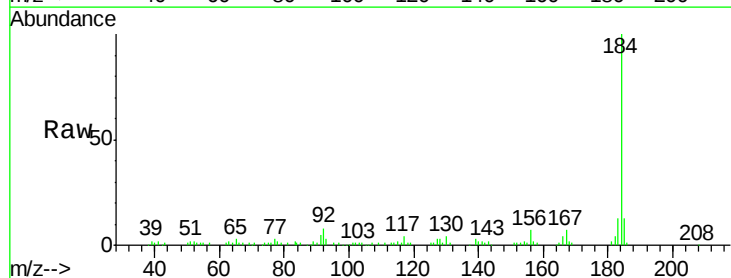
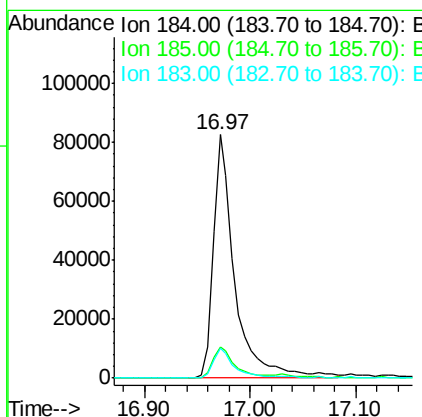
RT: 16.97 min Scan# 2556

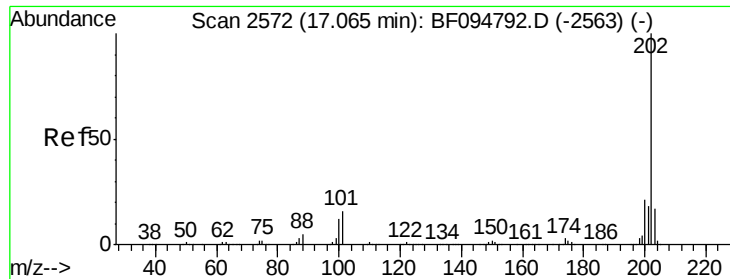
Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.0	15.5	23.3#
183	12.5	9.8	14.6





#77

Pyrene

Concen: 50.56 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

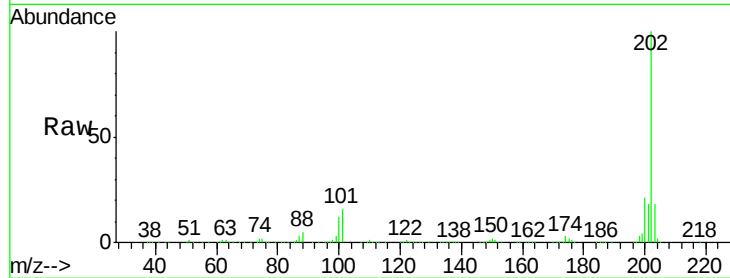
ClientSampleId :

SB-09-2.0-3.0MSD

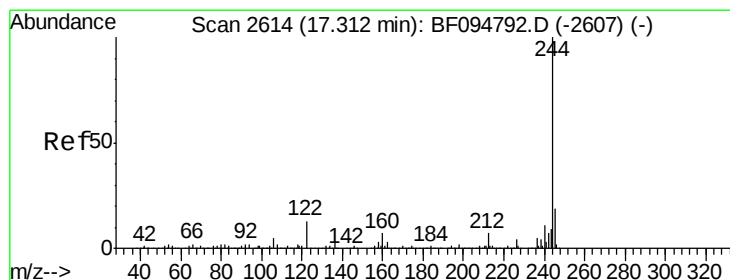
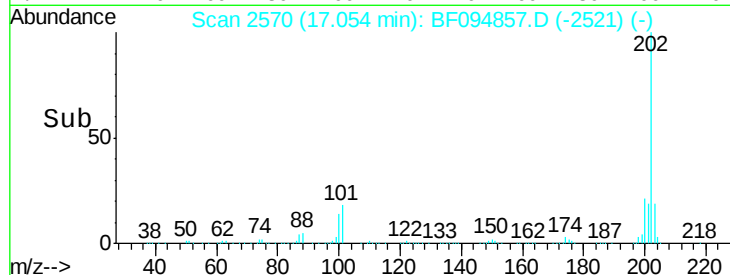
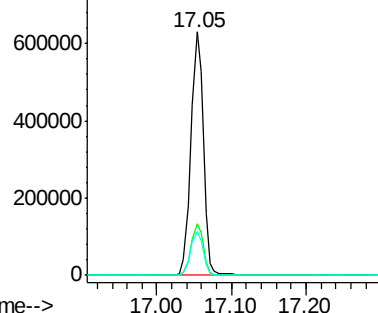
Tgt Ion:	202	Resp:	728274
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.6	26.4
203	18.3	14.4	21.6

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



#78

Terphenyl-d14

Concen: 51.40 ng

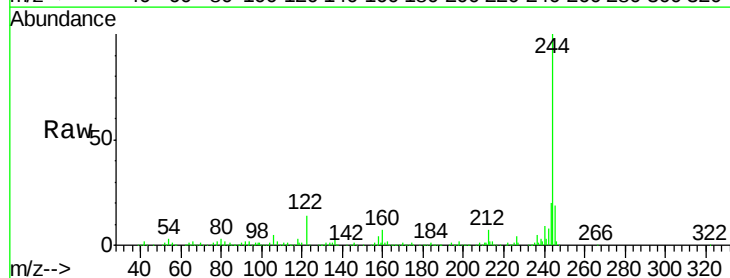
RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

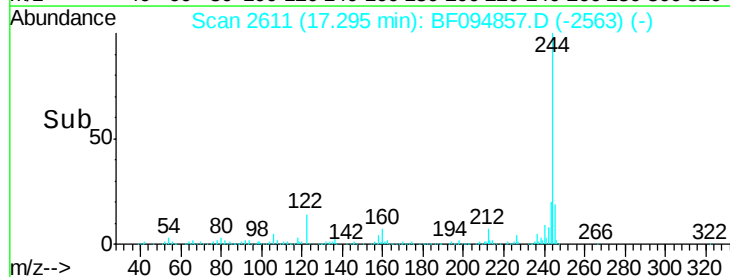
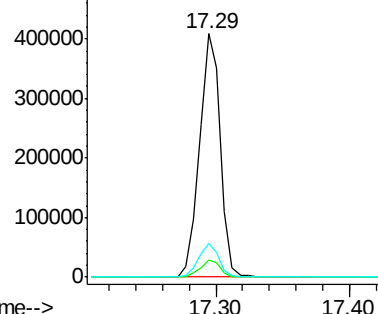
Lab File: BF094857.D

Acq: 4 May 2017 3:30

Tgt Ion:	244	Resp:	449447
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	14.0	10.3	15.5



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





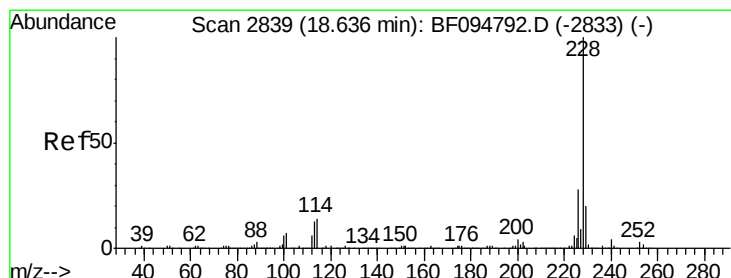
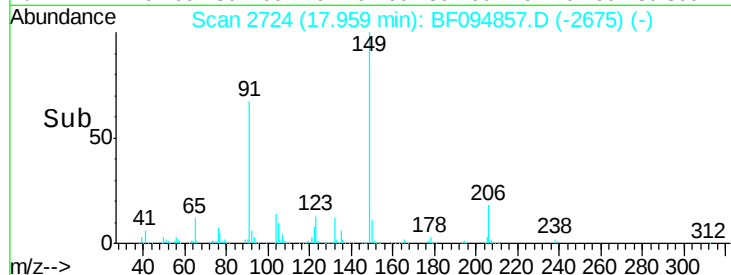
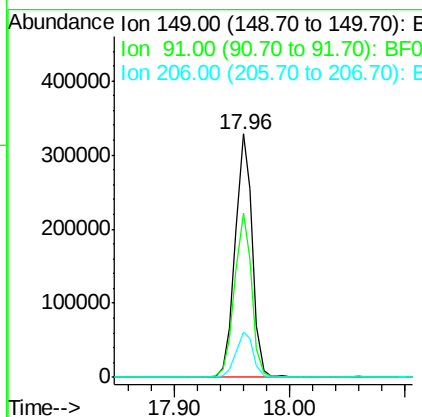
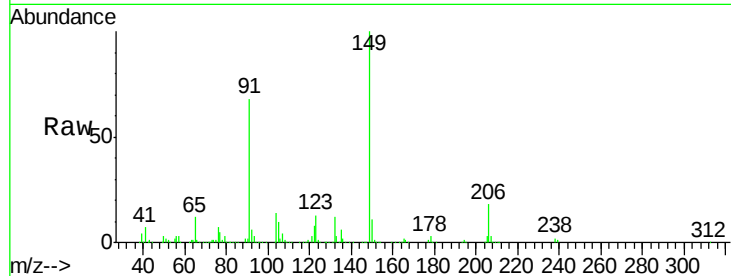
#79
Butylbenzylphthalate
Concen: 50.14 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	335930		
91	67.6	45.0	67.4#	
206	18.4	17.0	25.6	

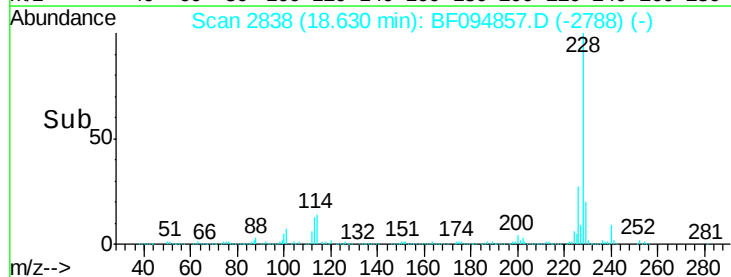
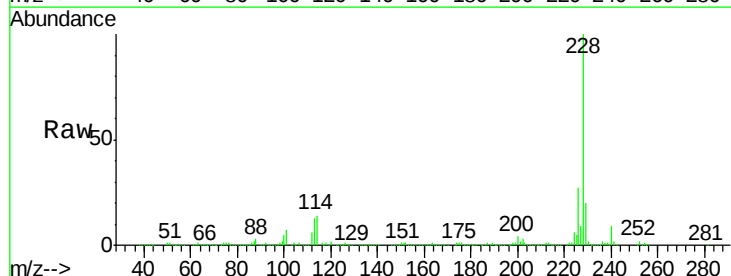
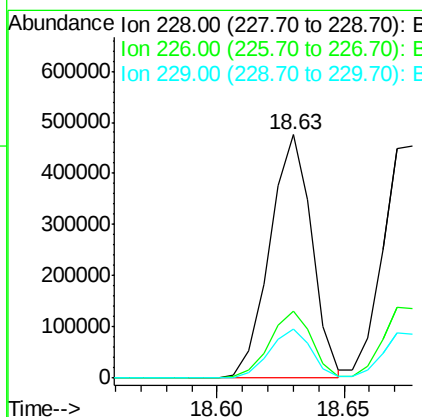
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#80
Benzo(a)anthracene
Concen: 49.28 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	552374		
226	27.5	22.6	33.8	
229	20.0	16.3	24.5	





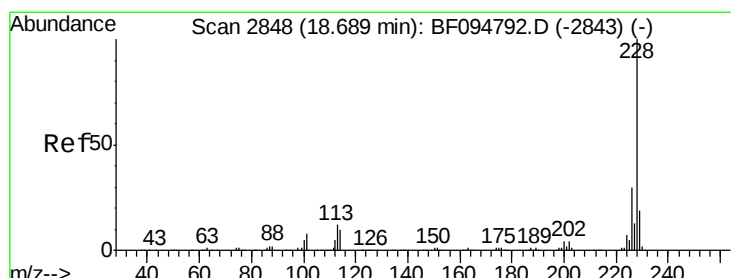
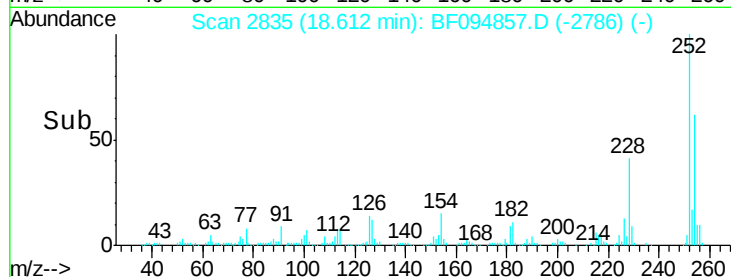
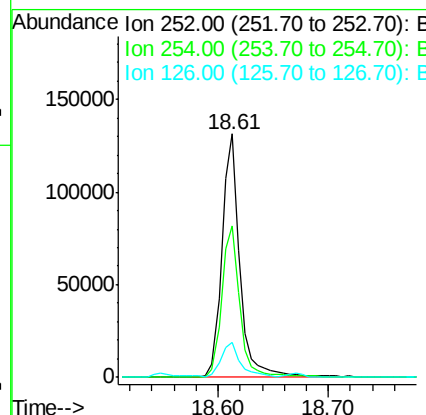
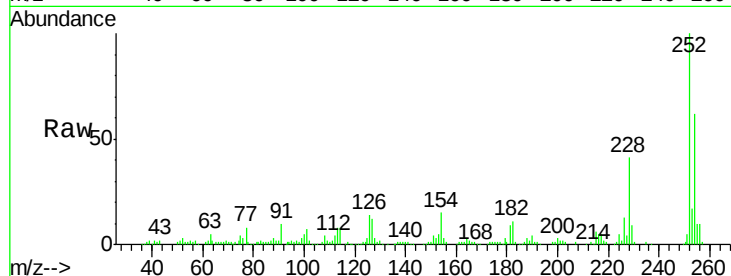
#81
 3,3'-Dichlorobenzidine
 Concen: 38.32 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.4	51.5	77.3
126	14.3	15.8	23.8

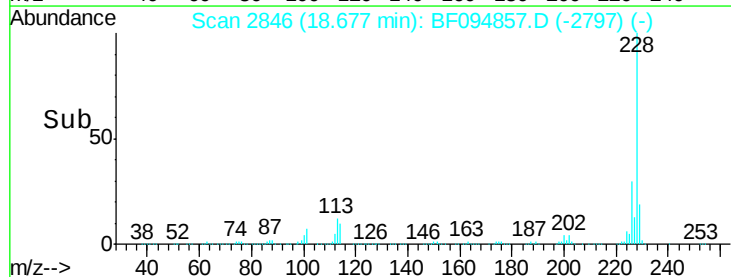
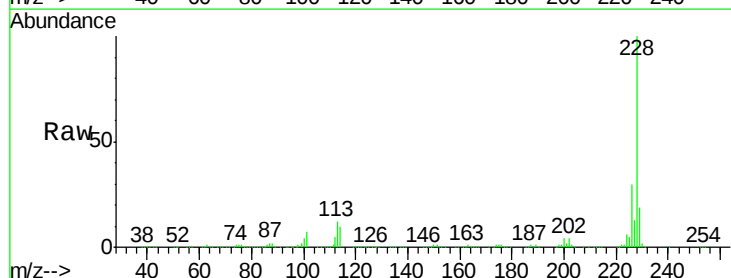
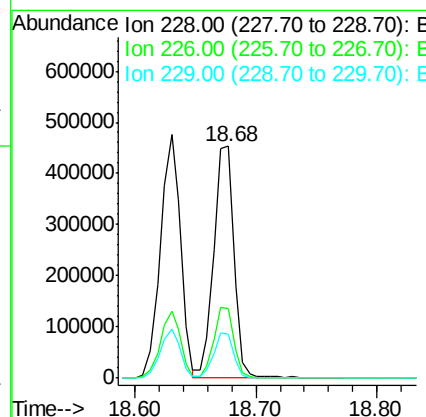
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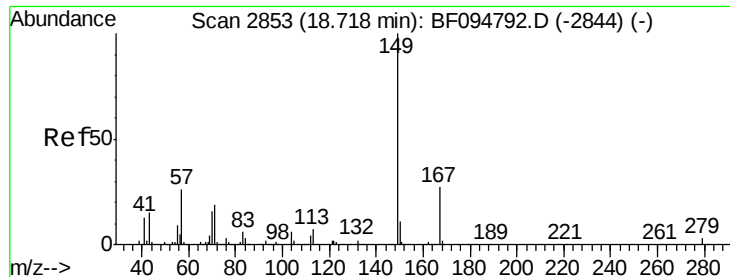
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#82
 Chrysene
 Concen: 48.03 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.0	24.9	37.3
229	19.2	15.8	23.6





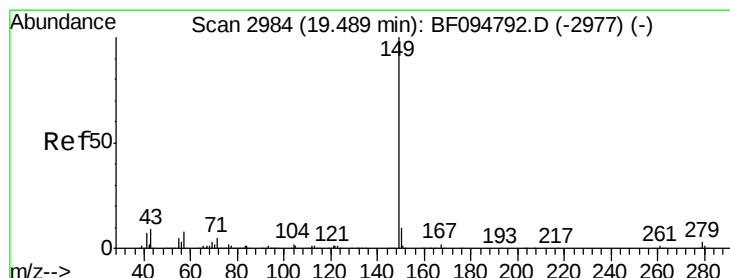
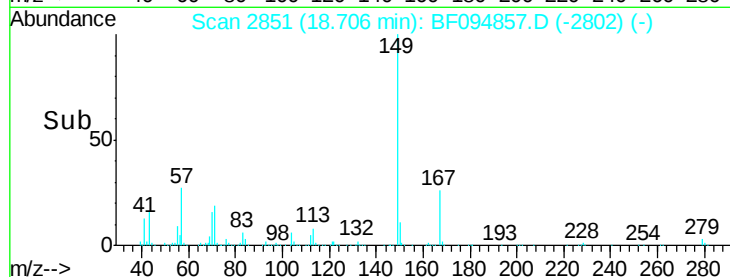
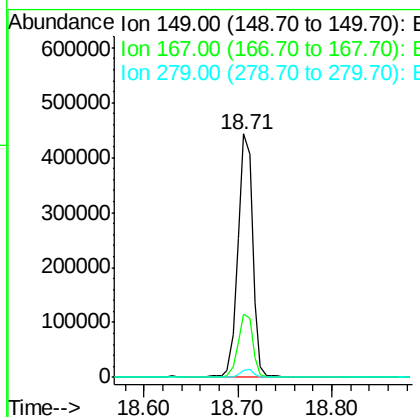
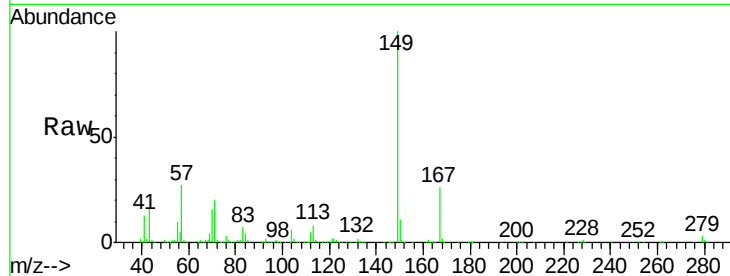
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.32 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.0	21.0	31.4
279	3.0	1.9	2.9#

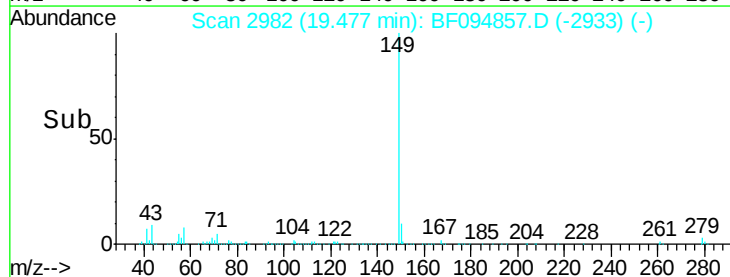
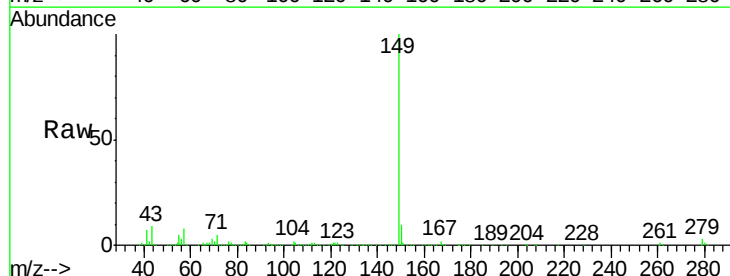
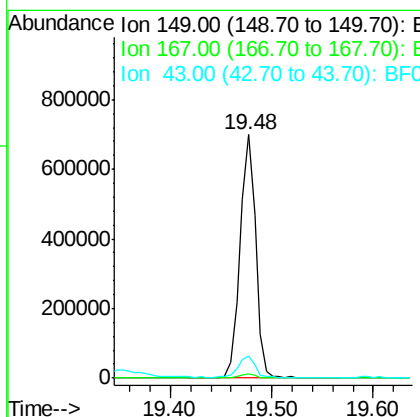
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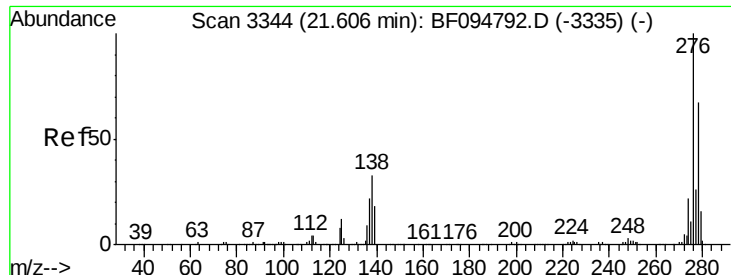
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#84
 Di-n-octyl phthalate
 Concen: 47.79 ng
 RT: 19.48 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.2	1.8
43	9.1	8.5	12.7





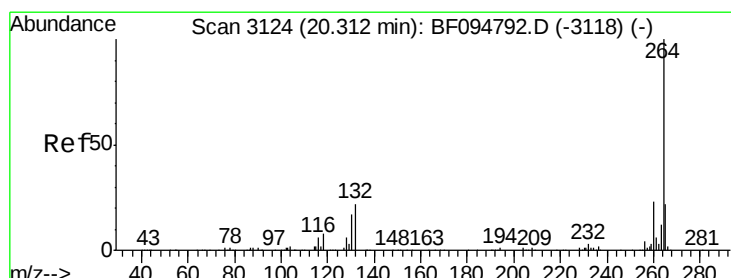
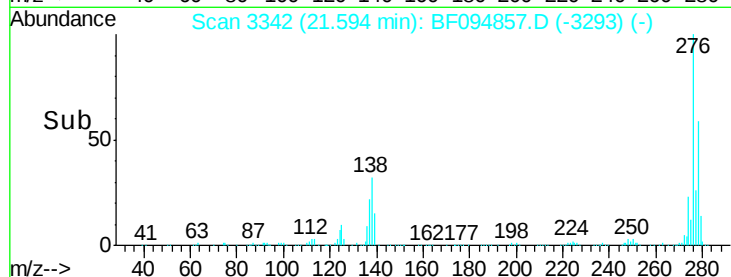
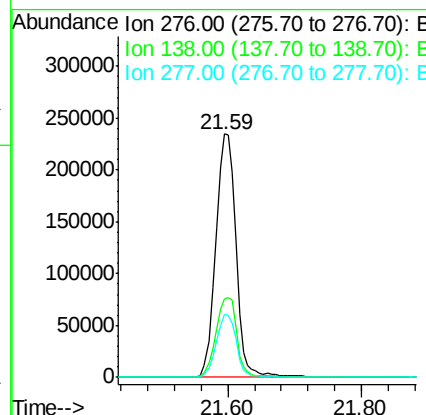
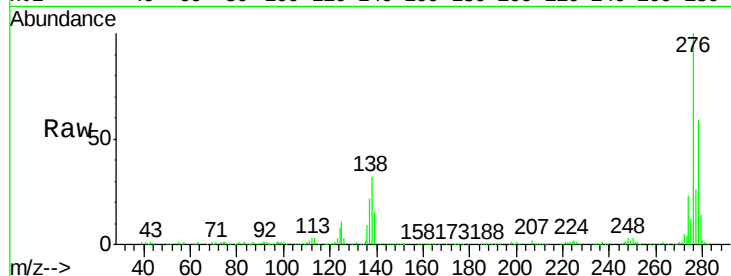
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.32 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.8	41.6
277	25.7	20.2	30.4

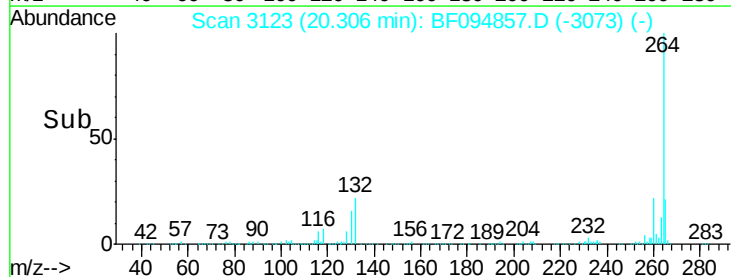
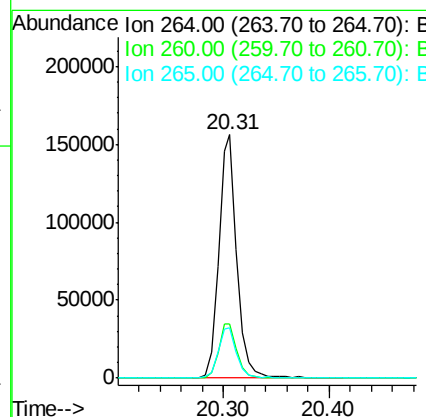
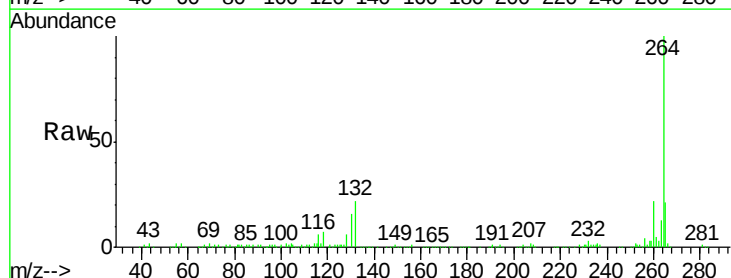
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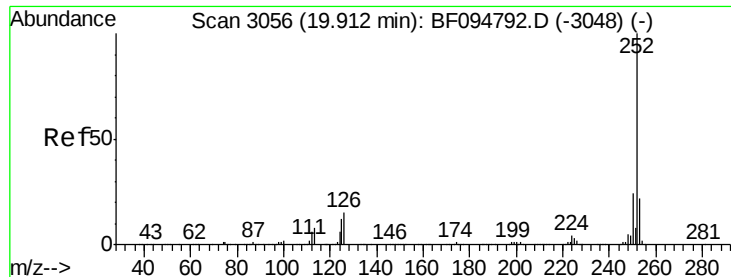
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	20.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.02 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Instrument :

BNA_F

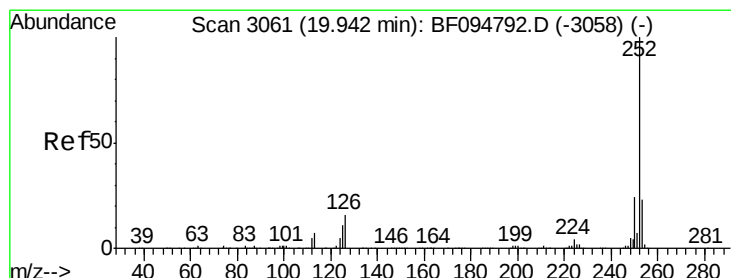
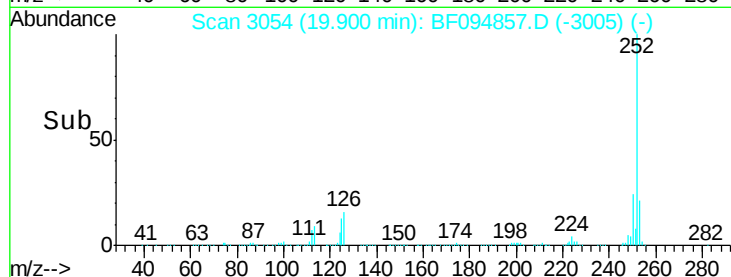
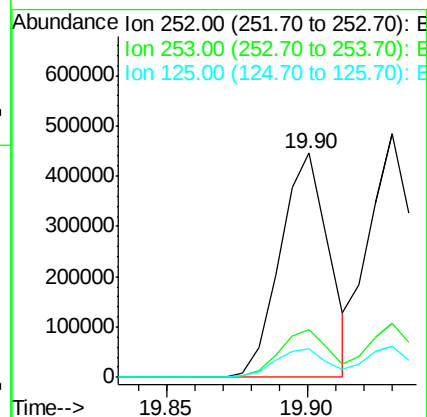
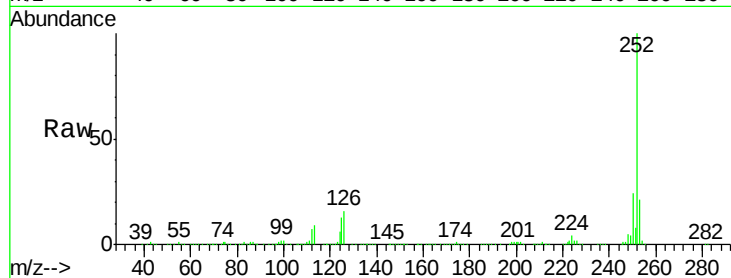
ClientSampleId :

SB-09-2.0-3.0MSD

Tgt Ion:	252	Resp:	530877
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.1	27.1
125	12.8	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 47.17 ng

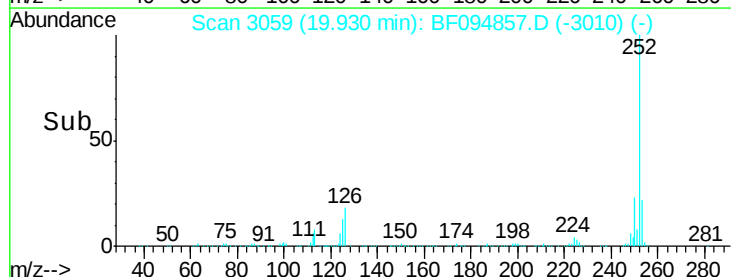
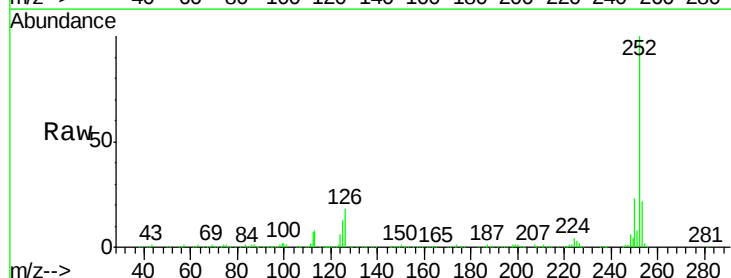
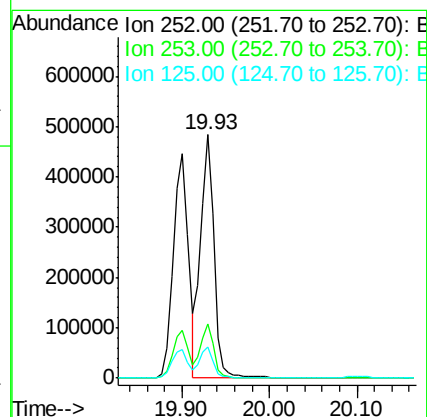
RT: 19.93 min Scan# 3059

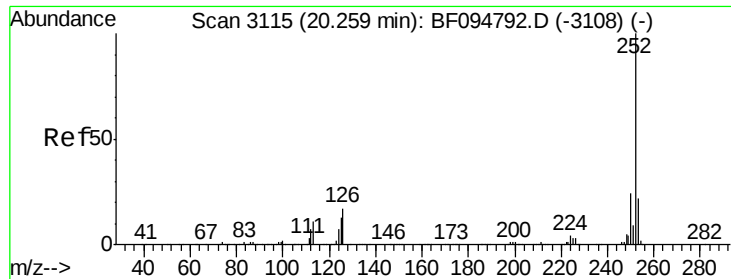
Delta R.T. -0.01 min

Lab File: BF094857.D

Acq: 4 May 2017 3:30

Tgt Ion:	252	Resp:	524908
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	13.0	13.1	19.7#





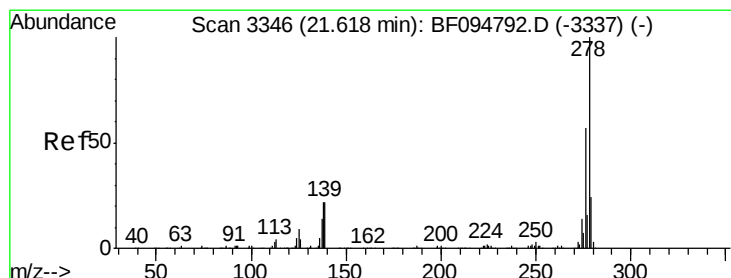
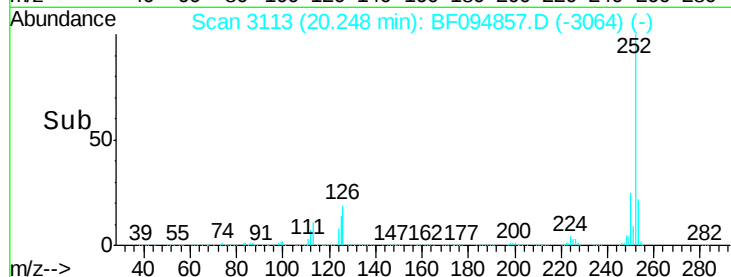
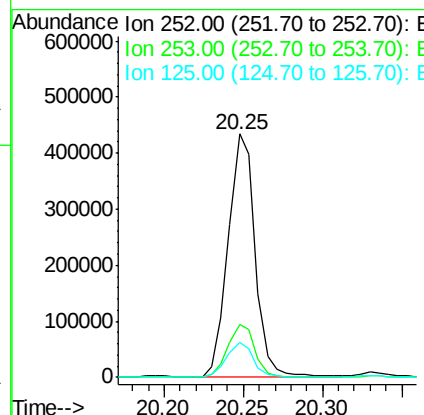
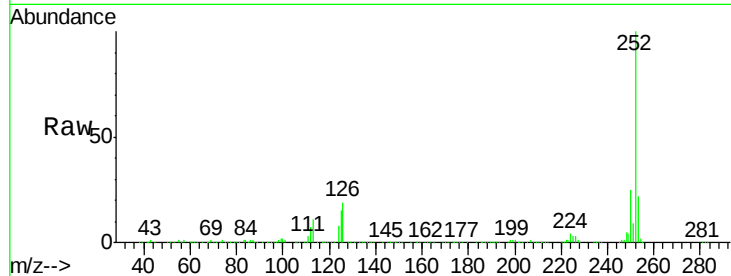
#89
Benzo(a)pyrene
Concen: 48.09 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.6	11.0	16.4

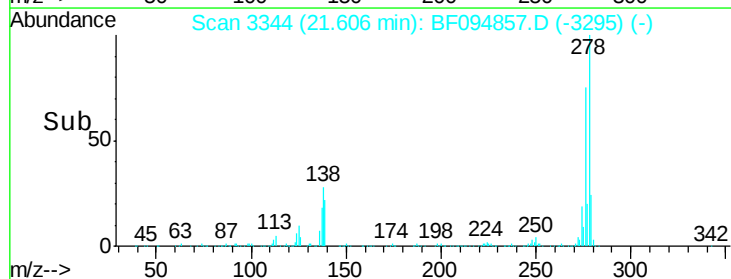
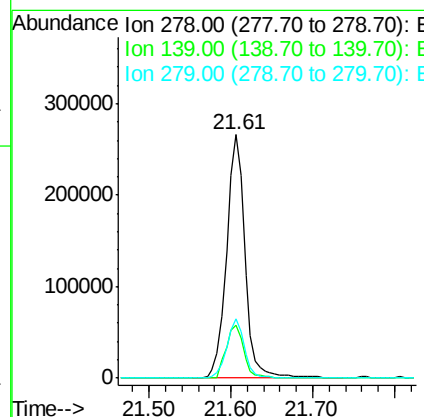
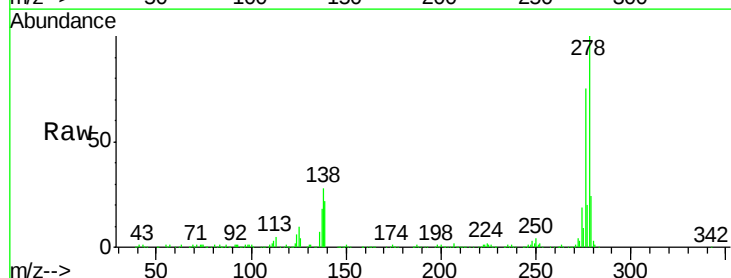
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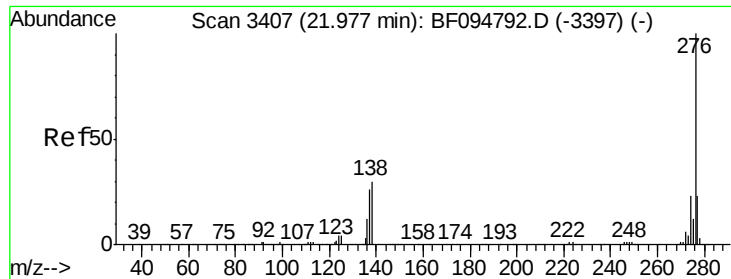
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#90
Dibenzo(a,h)anthracene
Concen: 47.69 ng
RT: 21.61 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BF094857.D
Acq: 4 May 2017 3:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	24.3	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 47.11 ng
 RT: 21.97 min Scan# 3406
 Delta R.T. -0.01 min
 Lab File: BF094857.D
 Acq: 4 May 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-2.0-3.0MSD

Tgt Ion:	276	Resp:	406393
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.6	28.0
138	29.6	25.4	38.0

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