

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
 Data File : BF095357.D
 Acq On : 23 May 2017 18:21
 Operator : SJ/MA
 Sample : I3244-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Manual Integrations
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mohammad
 5/24/2017 4:43:20 PM

Quant Time: May 24 02:56:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	109102	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	461005	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	200521	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	339786	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	191472	20.00	ng	-0.01
86) Perylene-d12	20.36	264	192643	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	859675	131.37	ng	0.00
7) Phenol-d6	7.31	99	1000016	127.36	ng	0.00
23) Nitrobenzene-d5	8.67	82	600022	82.07	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	182753	111.29	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	1135635	81.52	ng	-0.01
78) Terphenyl-d14	17.33	244	778286	89.53	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.27	88	99425	30.98 ng	94
3) Pyridine	2.98	79	232322	31.23 ng	96
4) n-Nitrosodimethylamine	2.90	42	98238	31.68 ng	84
6) Aniline	7.27	93	364510	36.77 ng	95
8) 2-Chlorophenol	7.45	128	319690	42.92 ng	94
9) Benzaldehyde	7.10	77	85543	17.84 ng	95
10) Phenol	7.32	94	343534	41.52 ng	88
11) bis(2-Chloroethyl)ether	7.40	93	282937	41.42 ng	96
12) 1,3-Dichlorobenzene	7.66	146	303143	35.88 ng	97
13) 1,4-Dichlorobenzene	7.78	146	335557	39.16 ng	97
14) 1,2-Dichlorobenzene	8.02	146	324680	40.60 ng	96
15) Benzyl Alcohol	8.05	79	260514	51.59 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	375621	38.85 ng	87
17) 2-Methylphenol	8.25	107	259729	42.61 ng	95
18) Hexachloroethane	8.53	117	111481	38.41 ng	# 86
19) n-Nitroso-di-n-propylamine	8.47	70	224938	42.36 ng	95
20) 3+4-Methylphenols	8.51	107	346601	41.85 ng	# 56
22) Acetophenone	8.44	105	448306	40.53 ng	# 84
24) Nitrobenzene	8.69	77	303484	39.60 ng	93
25) Isophorone	9.10	82	560220	42.91 ng	# 94
26) 2-Nitrophenol	9.20	139	174946	42.31 ng	99
27) 2,4-Dimethylphenol	9.33	122	280388	41.94 ng	97
28) bis(2-Chloroethoxy)methane	9.45	93	360342	39.90 ng	100
29) 2,4-Dichlorophenol	9.62	162	269392	42.68 ng	99
30) 1,2,4-Trichlorobenzene	9.70	180	258965	38.29 ng	99
31) Naphthalene	9.81	128	892230	38.51 ng	99
32) Benzoic acid	9.61	122	46067	14.47 ng	97
33) 4-Chloroaniline	9.96	127	167225	19.37 ng	# 92
34) Hexachlorobutadiene	10.02	225	128692	36.07 ng	99
35) Caprolactam	10.58	113	71282m	37.61 ng	
36) 4-Chloro-3-methylphenol	10.81	107	276446	40.96 ng	87
37) 2-Methylnaphthalene	10.93	142	632001	41.56 ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	241403	39.15 ng	99
40) Hexachlorocyclopentadiene	11.18	237	85165	36.42 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	174462	42.37	ng	97
43) 2,4,5-Trichlorophenol	11.54	196	157800	35.66	ng	94
45) 1,1'-Biphenyl	11.70	154	698167	41.35	ng	98
46) 2-Chloronaphthalene	11.72	162	536222	39.34	ng	98
47) 2-Nitroaniline	11.94	65	149796	40.15	ng	# 86
48) Acenaphthylene	12.37	152	852464	39.92	ng	99
49) Dimethylphthalate	12.25	163	817298	49.65	ng	100
50) 2,6-Dinitrotoluene	12.35	165	140864	41.94	ng	95
51) Acenaphthene	12.66	154	499435	39.16	ng	98
52) 3-Nitroaniline	12.62	138	101759	28.23	ng	90
53) 2,4-Dinitrophenol	12.84	184	62328	37.31	ng	# 68
54) Dibenzofuran	12.95	168	772936	43.80	ng	98
55) 4-Nitrophenol	13.02	139	146915	67.86	ng	# 73
56) 2,4-Dinitrotoluene	13.02	165	187907	43.54	ng	# 91
57) Fluorene	13.50	166	600084	39.10	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	119096	42.76	ng	# 95
59) Diethylphthalate	13.39	149	619774	39.28	ng	100
60) 4-Chlorophenyl-phenylether	13.52	204	263231	39.03	ng	90
61) 4-Nitroaniline	13.62	138	112373	33.96	ng	96
62) Azobenzene	13.78	77	562404	44.36	ng	93
64) 4,6-Dinitro-2-methylphenol	13.69	198	74878	32.87	ng	# 67
65) n-Nitrosodiphenylamine	13.73	169	515514	41.80	ng	98
66) 4-Bromophenyl-phenylether	14.31	248	142886	39.80	ng	99
67) Hexachlorobenzene	14.40	284	138715	37.70	ng	# 89
68) Atrazine	14.65	200	154057	44.24	ng	96
69) Pentachlorophenol	14.75	266	93417	57.91	ng	98
70) Phenanthrene	15.05	178	782228	40.07	ng	99
71) Anthracene	15.13	178	803628	40.30	ng	98
72) Carbazole	15.41	167	722110	39.80	ng	97
73) Di-n-butylphthalate	15.97	149	920805	40.69	ng	98
74) Fluoranthene	16.79	202	708291	35.37	ng	98
76) Benzidine	17.02	184	221569	43.50	ng	# 93
77) Pyrene	17.09	202	687555	48.01	ng	99
79) Butylbenzylphthalate	17.98	149	313792	47.11	ng	# 87
80) Benzo(a)anthracene	18.67	228	443279	39.78	ng	97
81) 3,3'-Dichlorobenzidine	18.65	252	126087	32.76	ng	# 97
82) Chrysene	18.71	228	415187	38.53	ng	99
83) Bis(2-ethylhexyl)phthalate	18.73	149	418354	44.08	ng	# 100
84) Di-n-octyl phthalate	19.49	149	629853	40.48	ng	95
85) Indeno(1,2,3-cd)pyrene	21.68	276	474932	54.28	ng	100
87) Benzo(b)fluoranthene	19.95	252	412816	34.68	ng	98
88) Benzo(k)fluoranthene	19.98	252	465606	40.55	ng	95
89) Benzo(a)pyrene	20.30	252	433052	39.43	ng	96
90) Dibenzo(a,h)anthracene	21.69	278	397240	43.79	ng	96
91) Benzo(g,h,i)perylene	22.07	276	396995	44.60	ng	99

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



#1

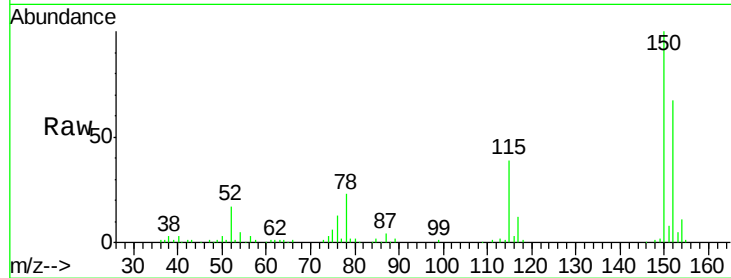
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.2	189.2
115	57.9	52.2	78.2

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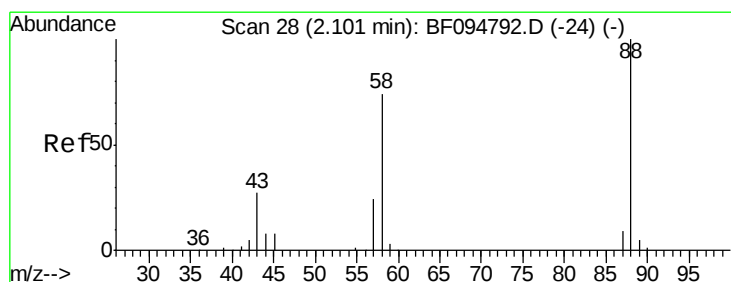
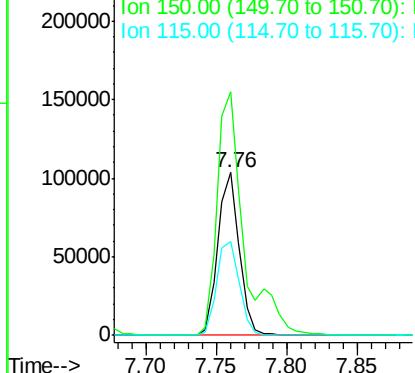
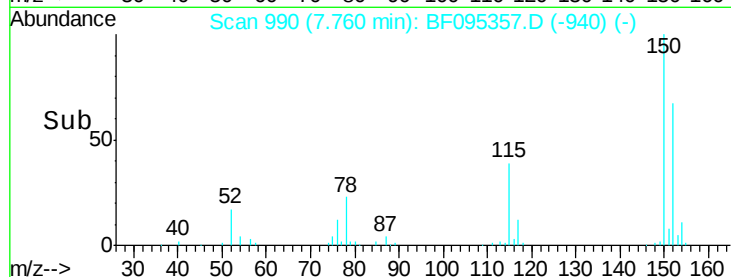


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

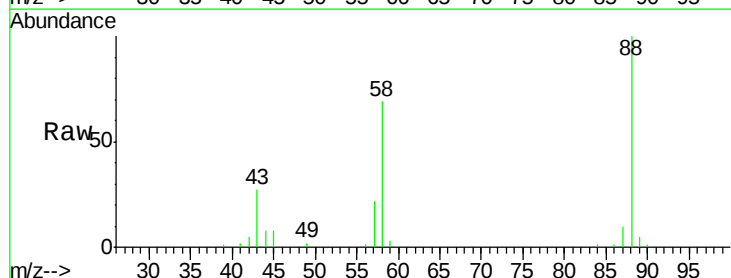
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.98 ng
RT: 2.27 min Scan# 56
Delta R.T. 0.04 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	61.4	92.0
43	24.9	23.4	35.0

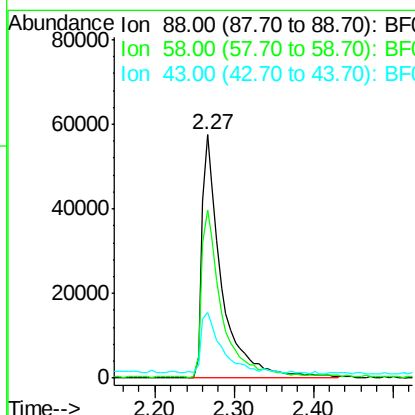
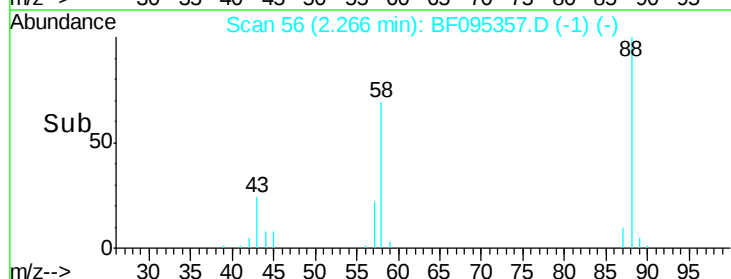


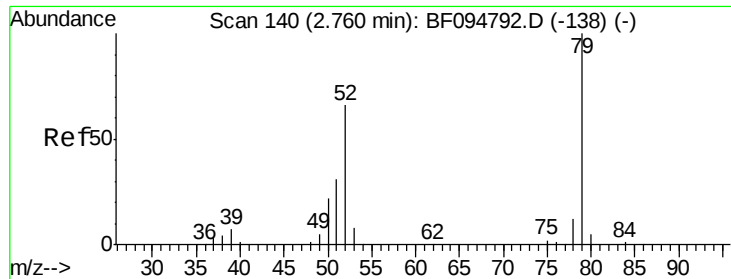
Abundance

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: 31.23 ng

RT: 2.98 min Scan# 177

Delta R.T. 0.05 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

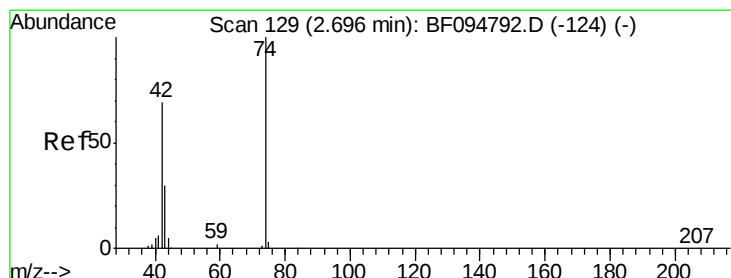
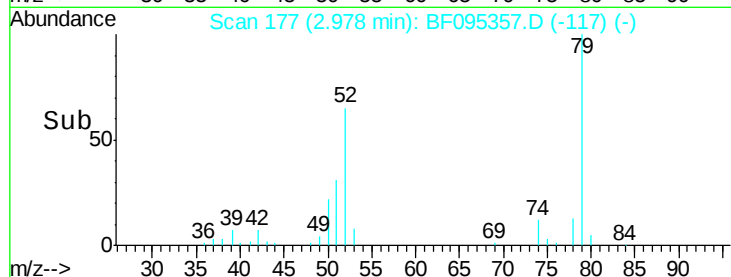
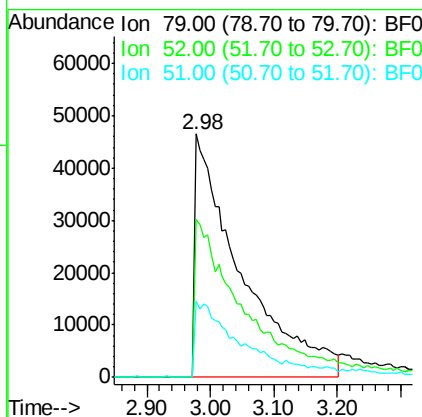
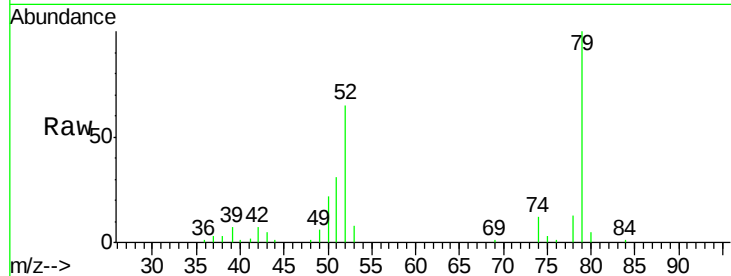
ClientSampleId :

NM4-COMP-6-18MSD

Tgt Ion:	79	Resp:	232322
Ion	Ratio	Lower	Upper
79	100		
52	64.9	54.8	82.2
51	31.4	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 31.68 ng

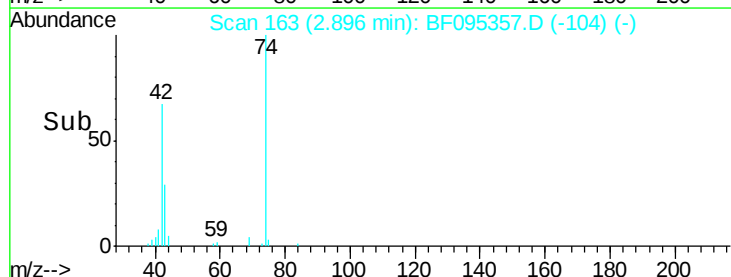
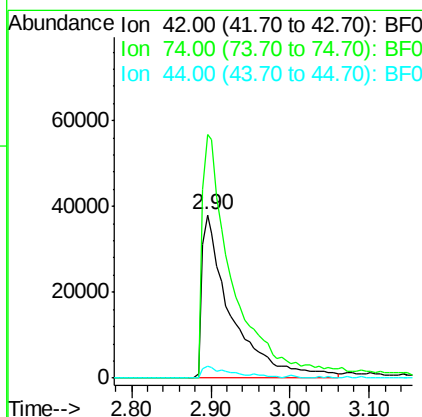
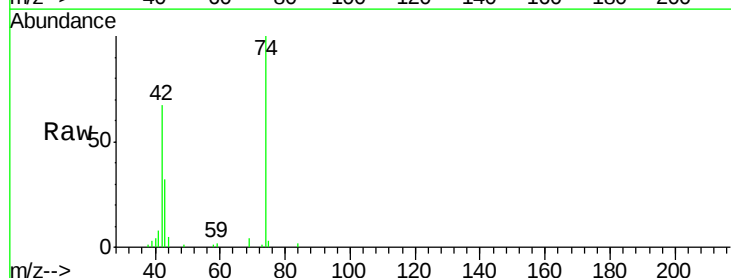
RT: 2.90 min Scan# 163

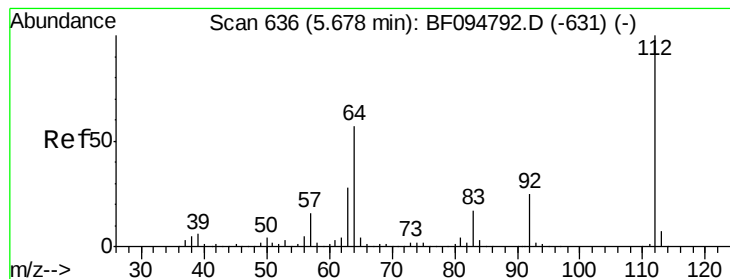
Delta R.T. 0.05 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Tgt Ion:	42	Resp:	98238
Ion	Ratio	Lower	Upper
42	100		
74	149.4	103.9	155.9
44	7.4	5.7	8.5





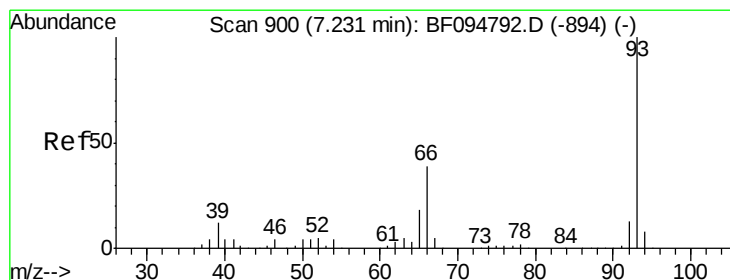
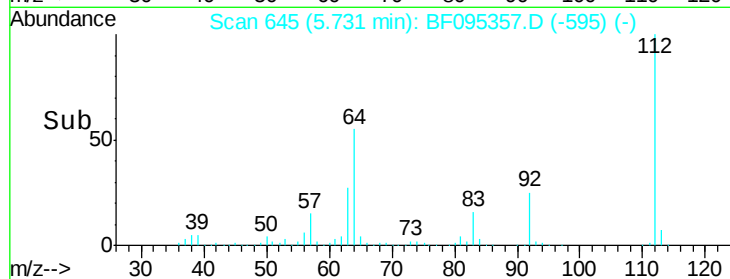
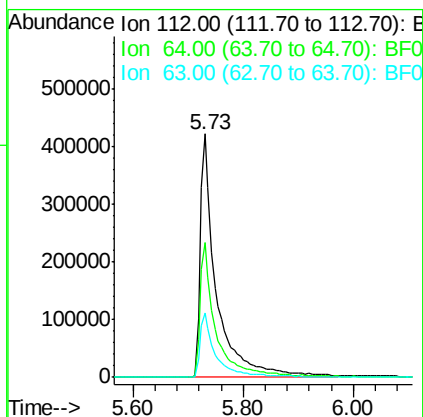
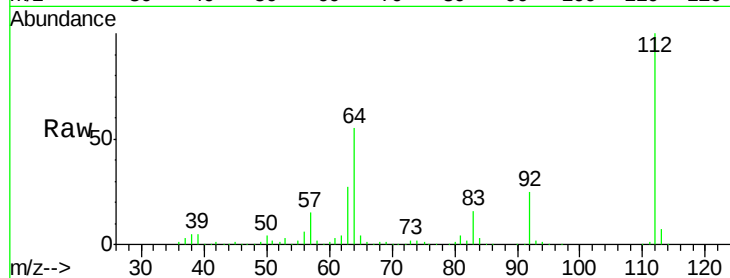
#5
 2-Fluorophenol
 Concen: 131.37 ng
 RT: 5.73 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	859675		
64	55.4	46.0	69.0	
63	26.7	23.4	35.0	

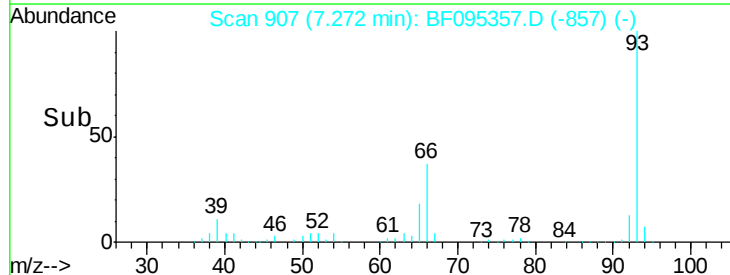
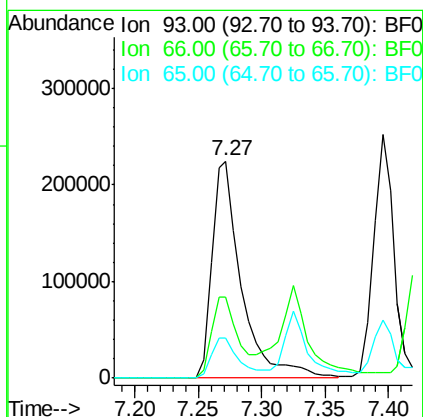
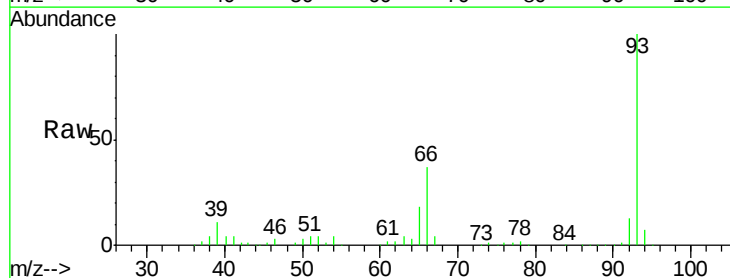
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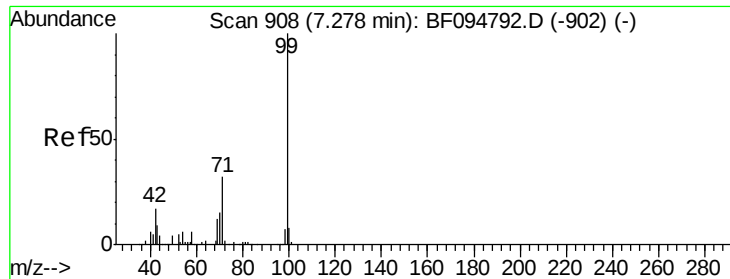
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#6
 Aniline
 Concen: 36.77 ng
 RT: 7.27 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	364510		
66	37.4	32.9	49.3	
65	18.3	16.0	24.0	





#7

Phenol-d6

Concen: 127.36 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

NM4-COMP-6-18MSD

Tgt Ion: 99 Resp: 1000016

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

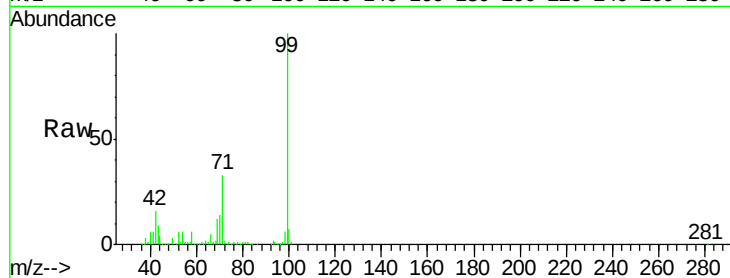
71 32.6 24.5 36.7

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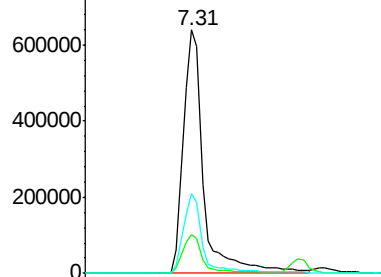
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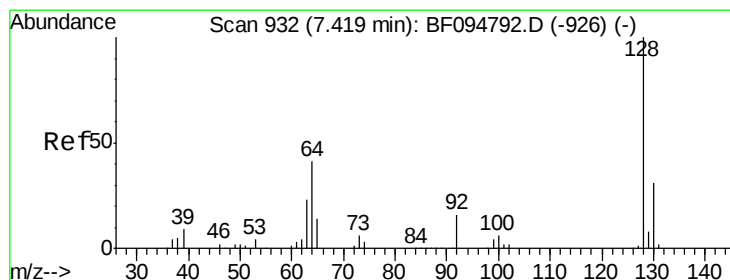
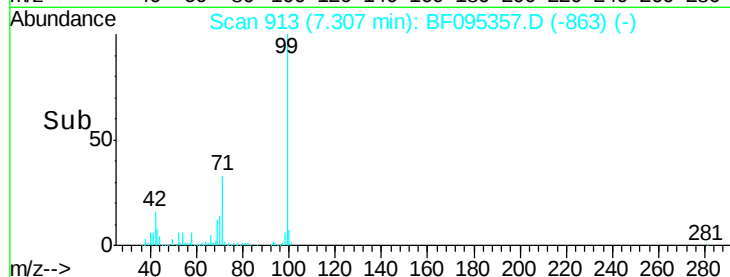
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 42.92 ng

RT: 7.45 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

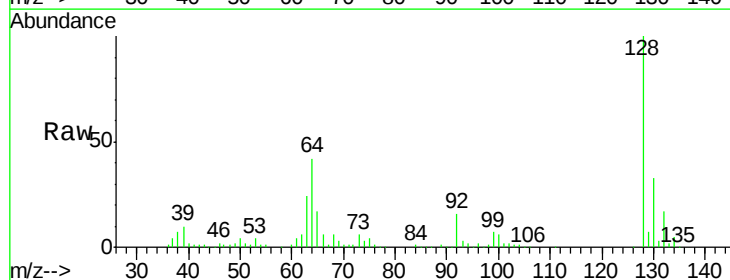
Tgt Ion: 128 Resp: 319690

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

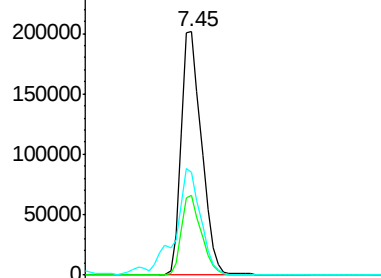
64 42.2 28.4 68.4



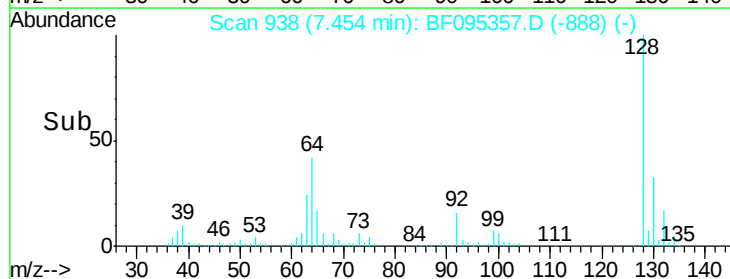
Abundance Ion 128.00 (127.70 to 128.70): E

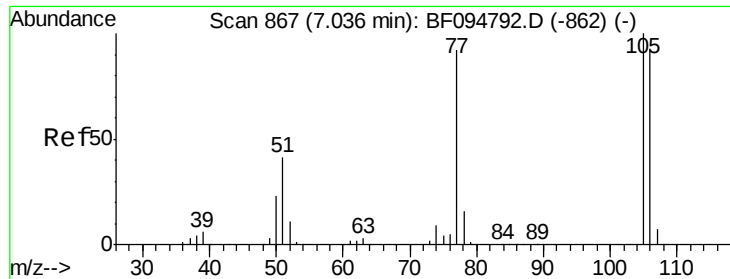
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->





#9

Benzaldehyde

Concen: 17.84 ng

RT: 7.10 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

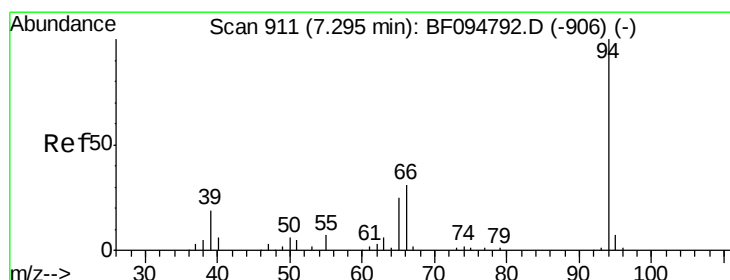
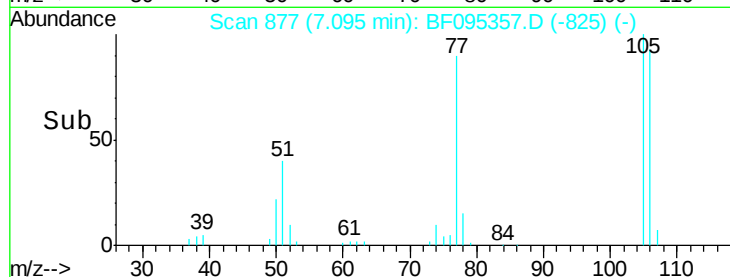
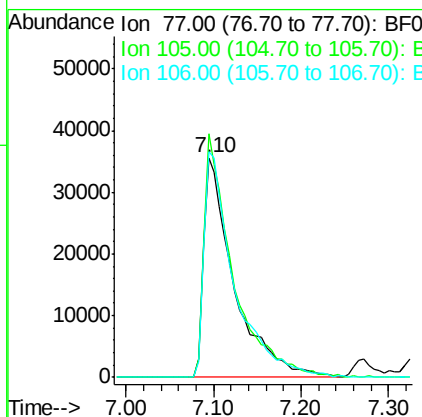
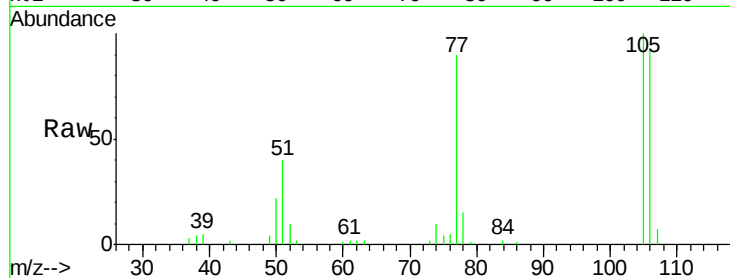
ClientSampleId :

NM4-COMP-6-18MSD

Tgt Ion:	77	Resp:	85543
Ion	Ratio	Lower	Upper
77	100		
105	110.7	83.8	123.8
106	102.5	79.1	119.1

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#10

Phenol

Concen: 41.52 ng

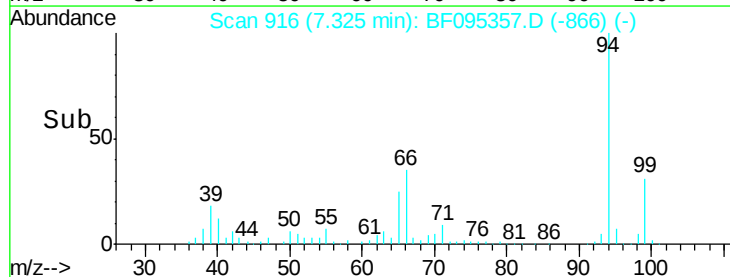
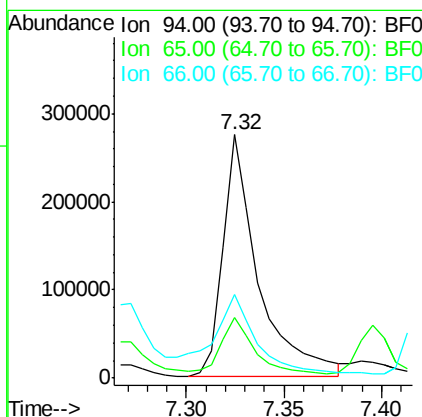
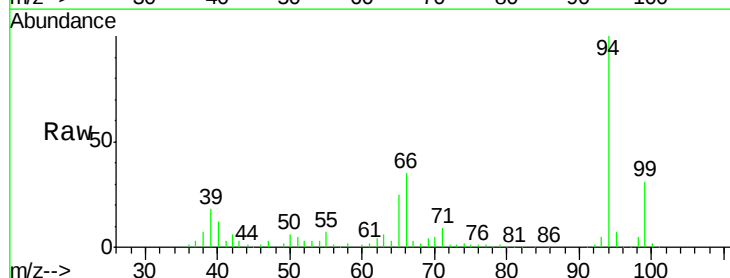
RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Tgt Ion:	94	Resp:	343534
Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.9	49.9
66	34.6	23.1	63.1





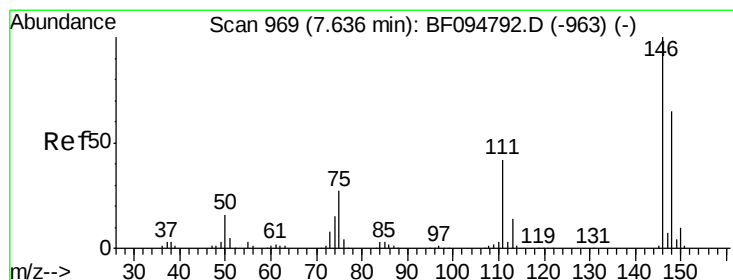
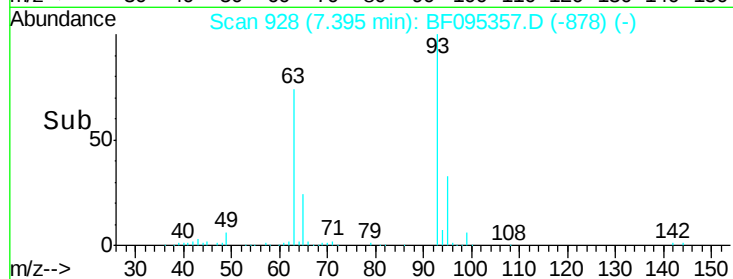
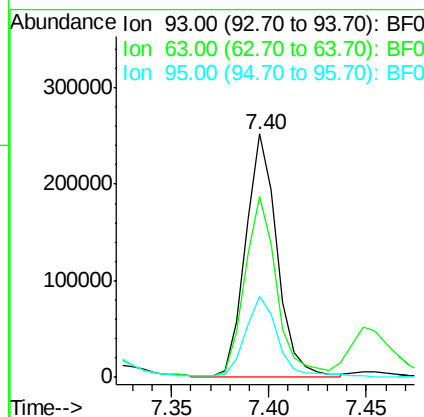
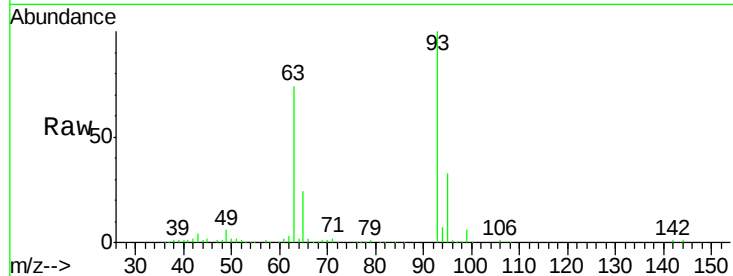
#11
bis(2-Chloroethyl)ether
Concen: 41.42 ng
RT: 7.40 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	282937		
63	74.3	59.2	99.2	
95	33.3	12.8	52.8	

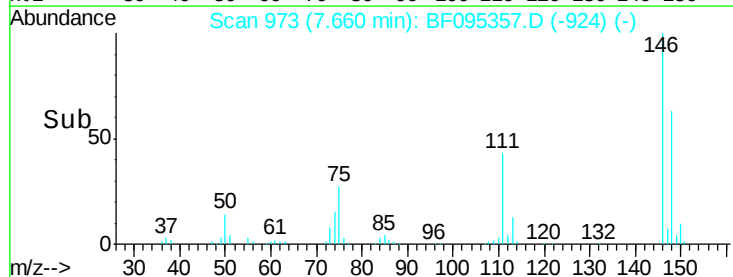
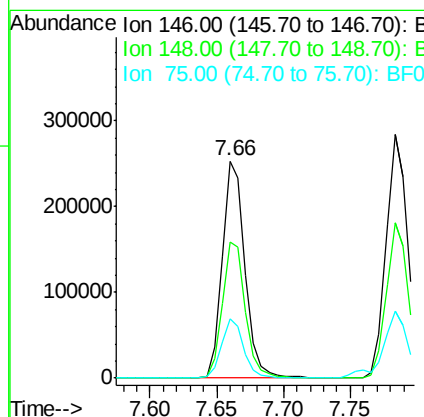
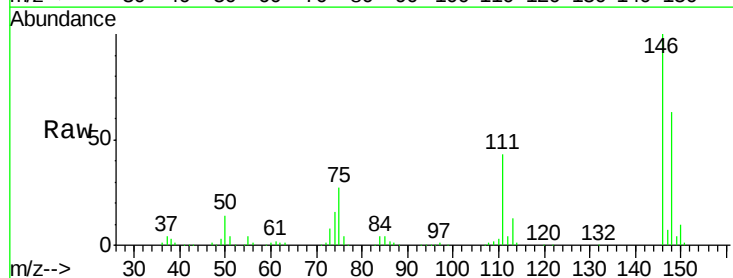
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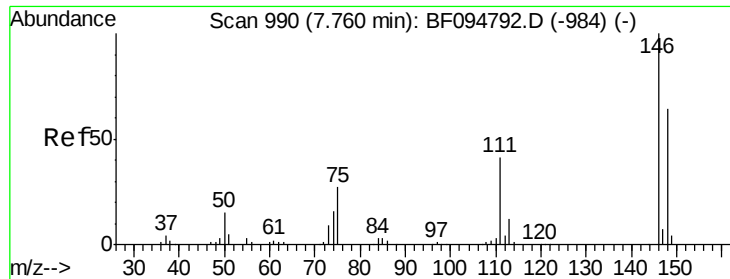
mohammad
5/24/2017 4:43:20 PM



#12
1,3-Dichlorobenzene
Concen: 35.88 ng
RT: 7.66 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	303143		
148	62.6	51.8	77.6	
75	27.3	23.1	34.7	





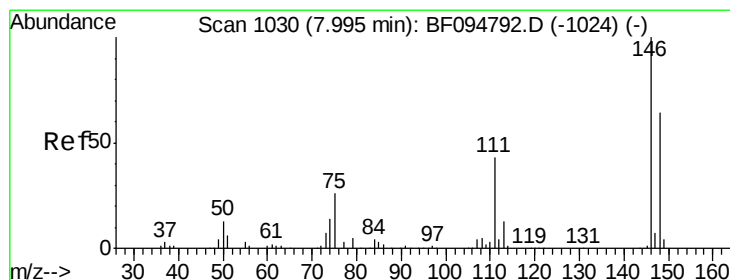
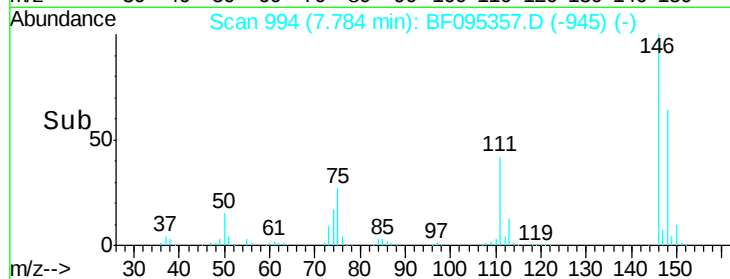
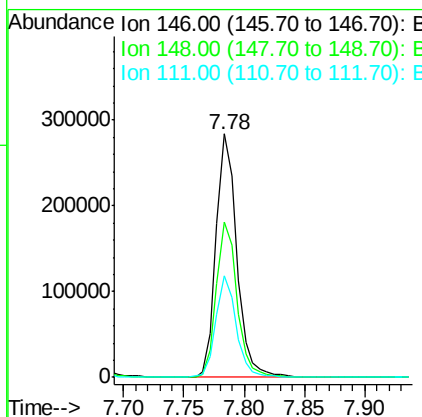
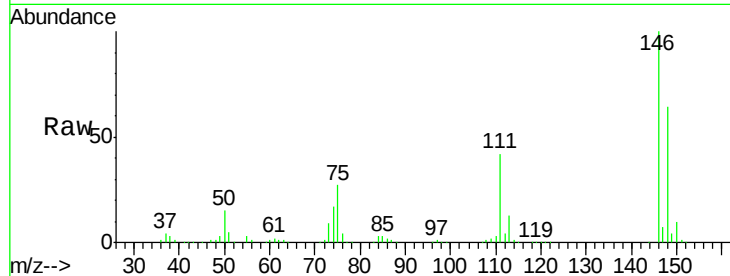
#13
 1,4-Dichlorobenzene
 Concen: 39.16 ng
 RT: 7.78 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	41.5	30.3	45.5

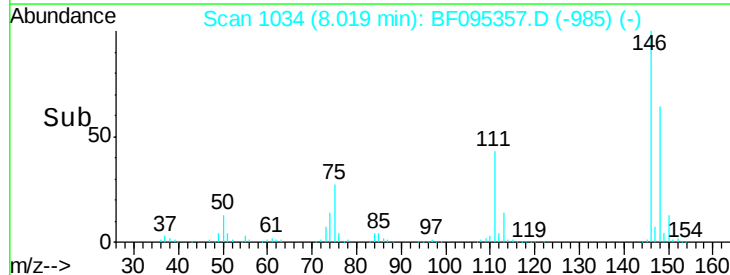
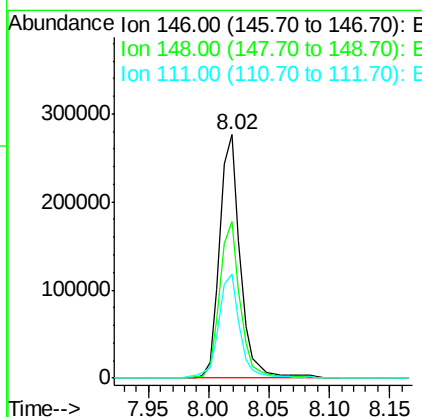
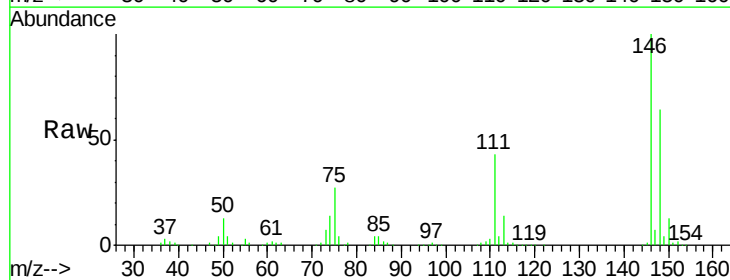
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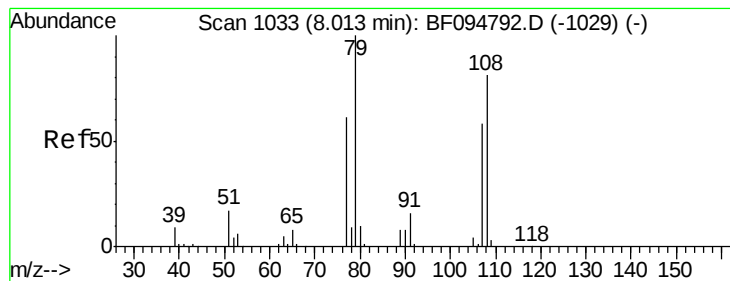
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.60 ng
 RT: 8.02 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	42.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 51.59 ng

RT: 8.05 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

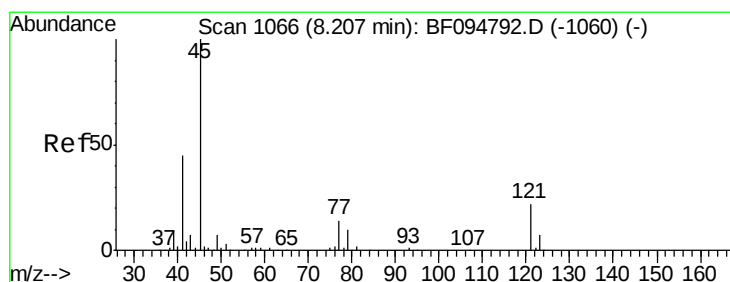
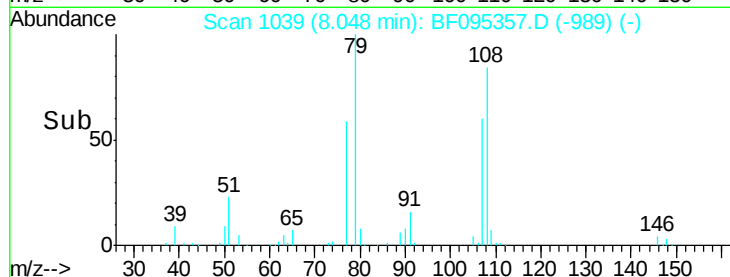
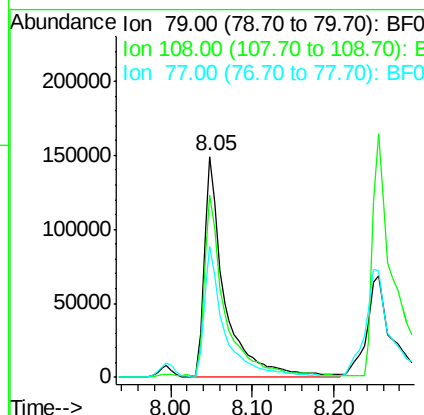
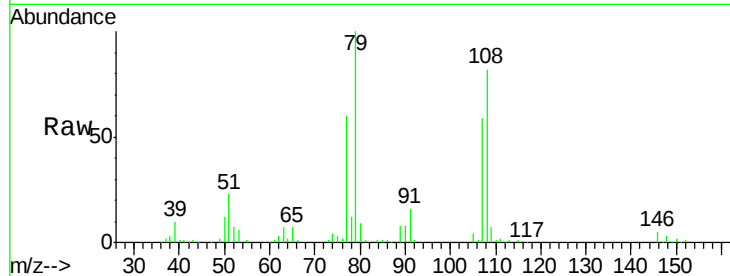
ClientSampleId :

NM4-COMP-6-18MSD

Tgt Ion:	79	Resp:	260514
Ion Ratio	Lower	Upper	
79	100		
108	82.4	63.4	95.0
77	59.6	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.85 ng

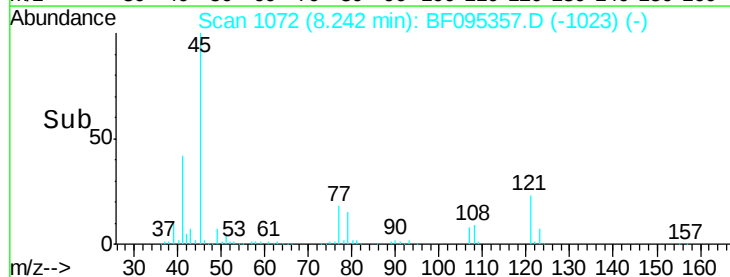
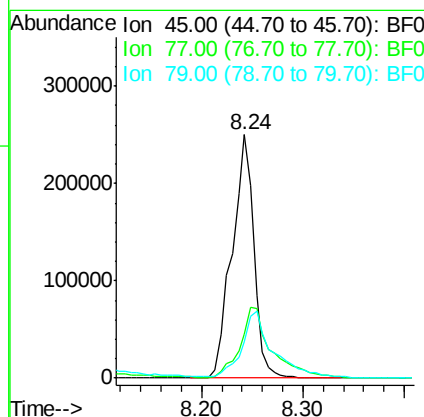
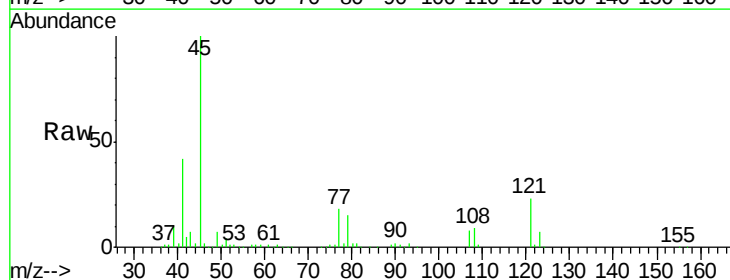
RT: 8.24 min Scan# 1072

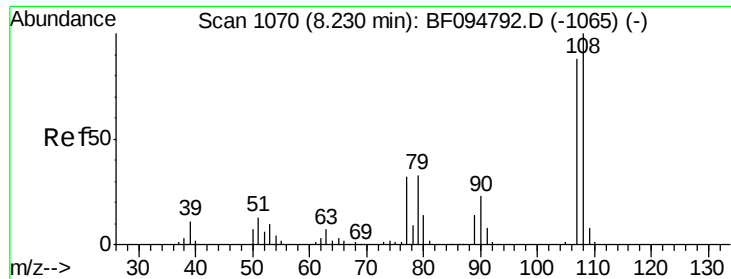
Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Tgt Ion:	45	Resp:	375621
Ion Ratio	Lower	Upper	
45	100		
77	18.1	0.0	33.2
79	14.8	0.0	30.0





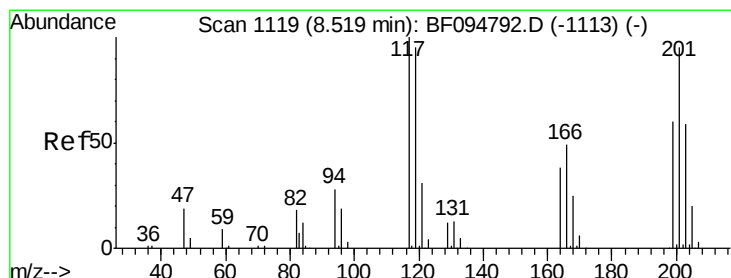
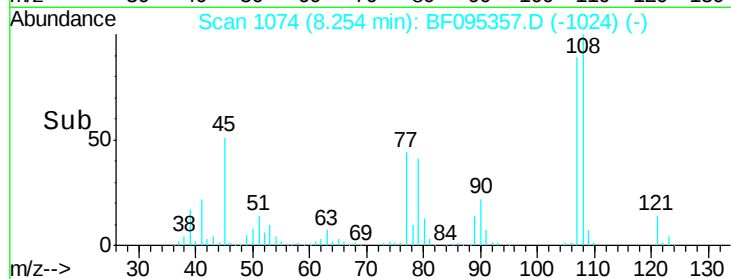
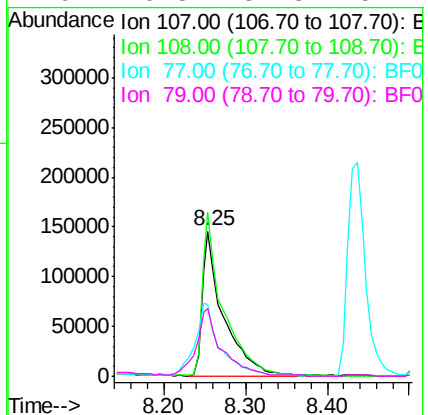
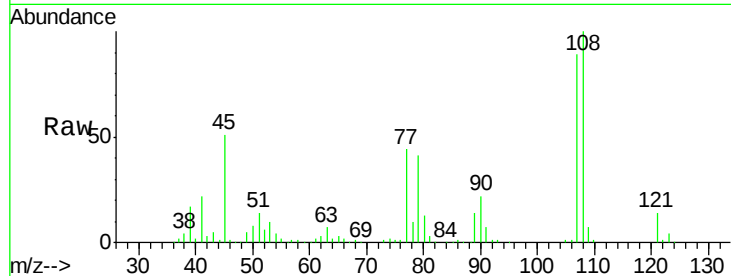
#17
2-Methylphenol
Concen: 42.61 ng
RT: 8.25 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	259729		
108	113.0	93.4	140.0	
77	49.4	35.8	53.6	
79	46.8	34.8	52.2	

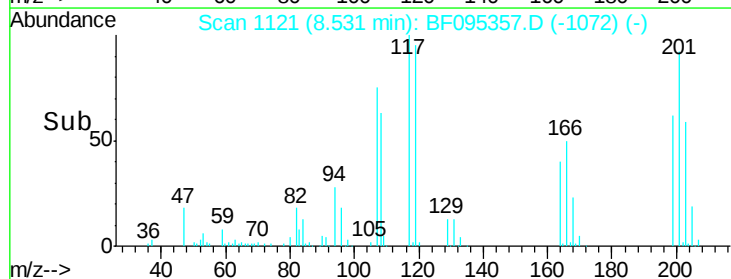
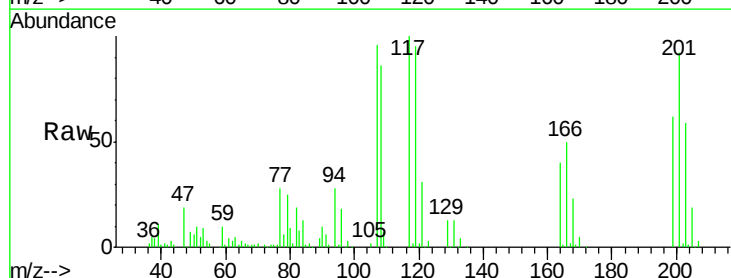
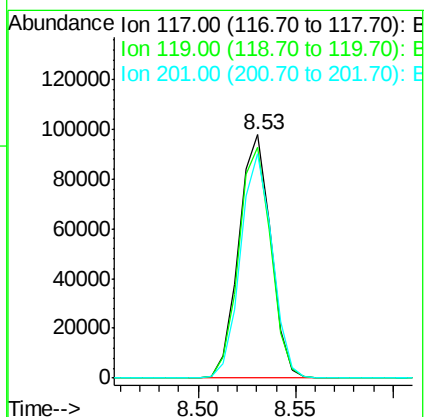
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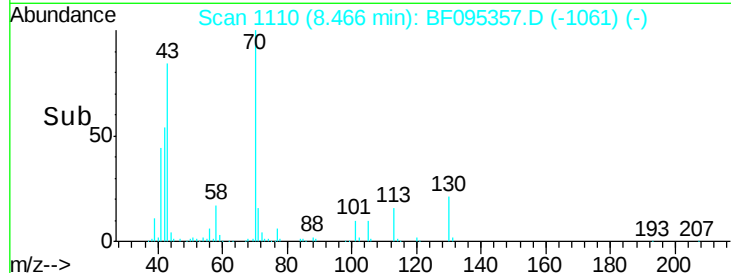
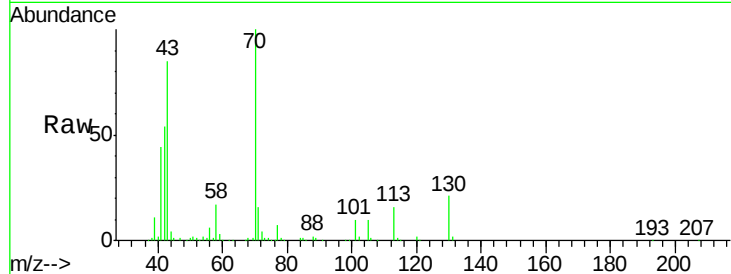
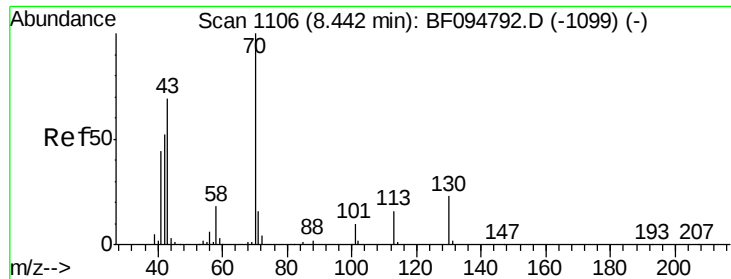
mohammad
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#18
Hexachloroethane
Concen: 38.41 ng
RT: 8.53 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	111481		
119	95.0	77.4	116.0	
201	92.1	94.6	141.8#	





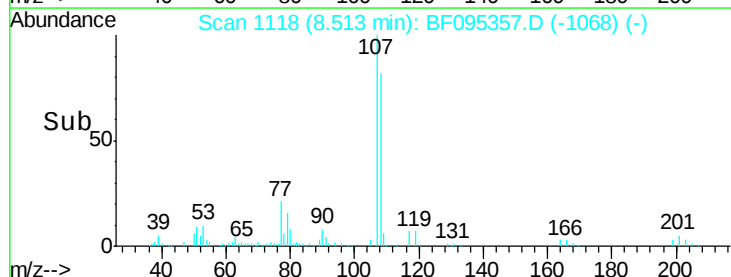
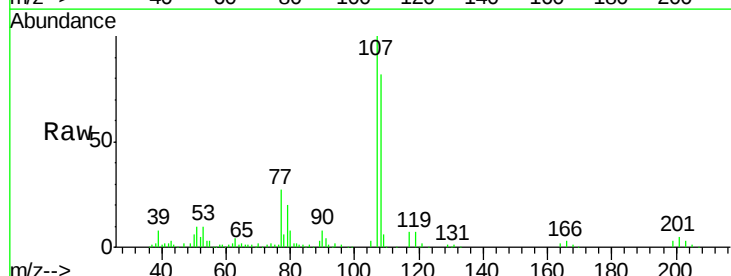
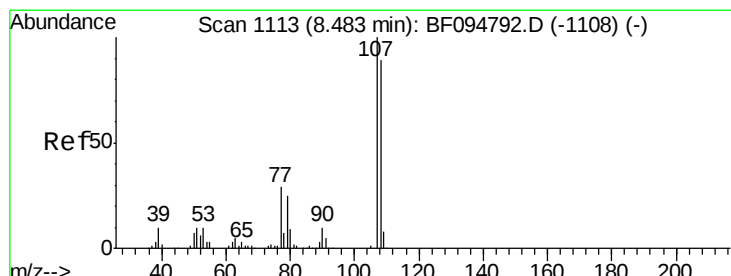
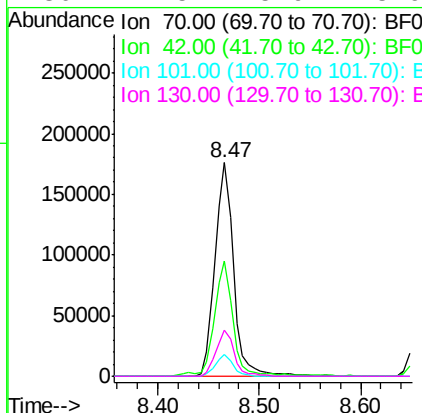
#19
n-Nitroso-di-n-propylamine
Concen: 42.36 ng
RT: 8.47 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.2	70.8
101	10.0	7.2	10.8
130	21.5	15.9	23.9

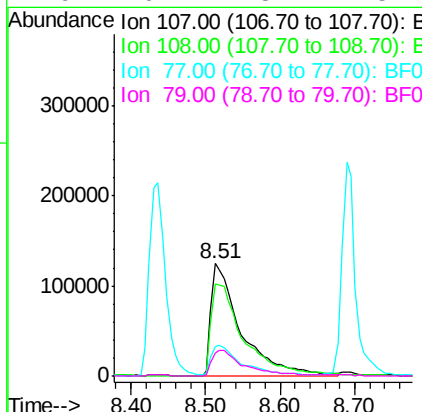
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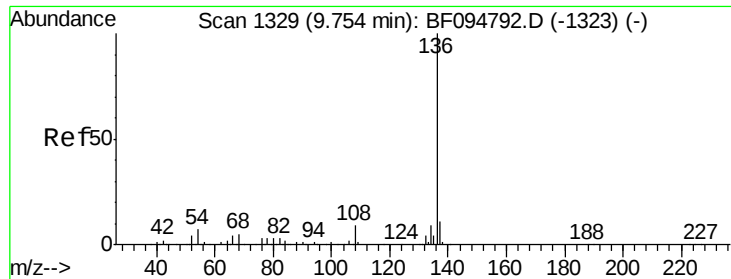
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#20
3+4-Methylphenols
Concen: 41.85 ng
RT: 8.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.2	71.0	111.0
77	26.5	90.5	130.5#
79	20.2	8.4	48.4





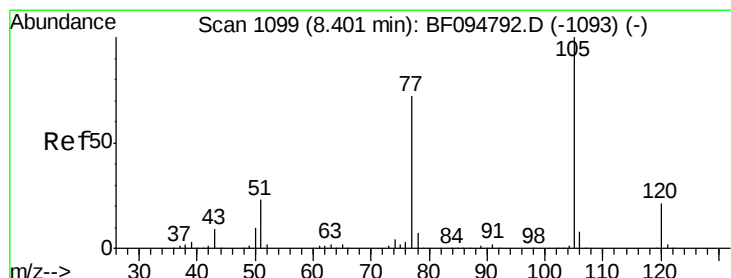
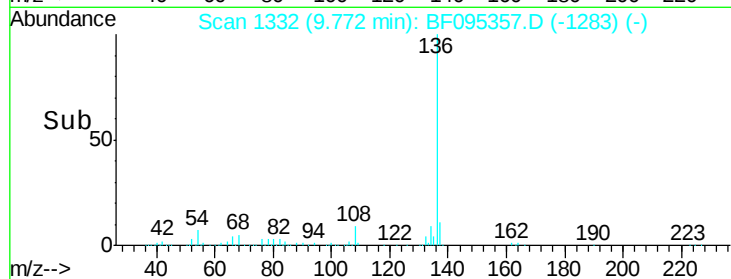
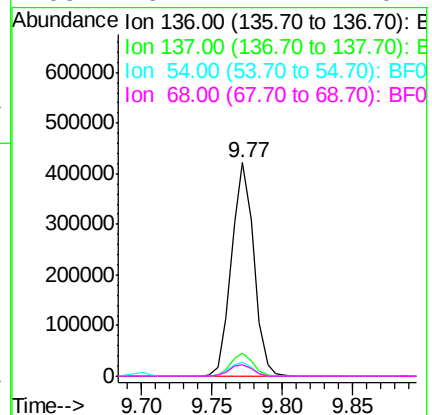
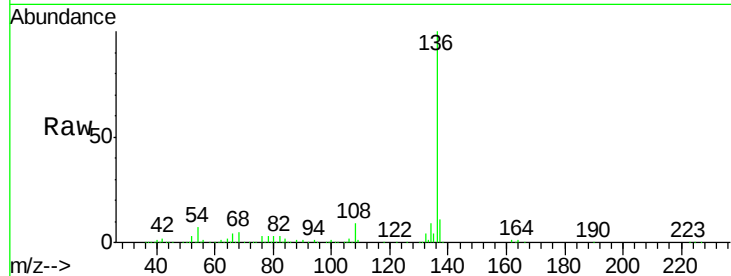
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	461005		
137	10.8	8.5	12.7	
54	6.9	4.9	7.3	
68	5.4	4.1	6.1	

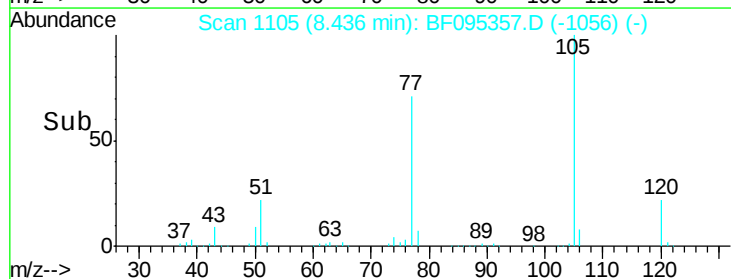
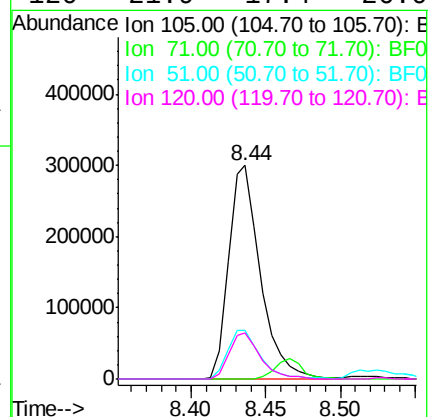
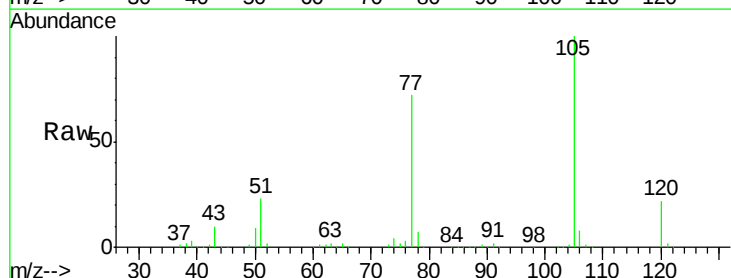
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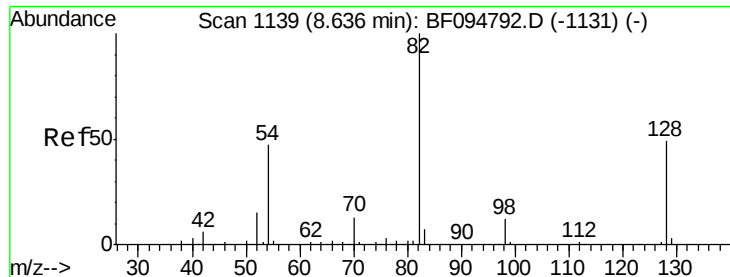
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#22
Acetophenone
Concen: 40.53 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	448306		
71	0.0	2.8	4.2#	
51	22.7	30.7	46.1#	
120	21.9	17.4	26.0	





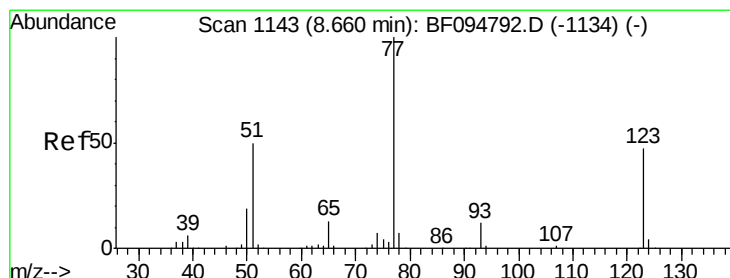
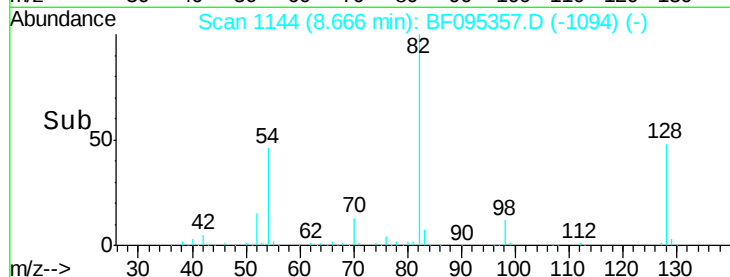
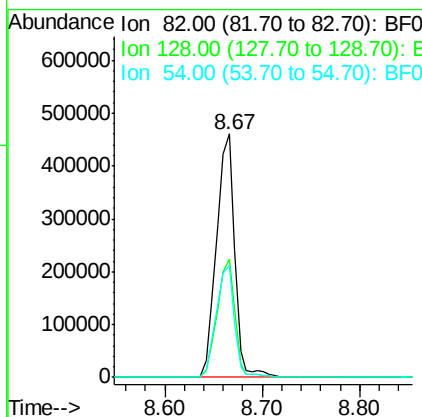
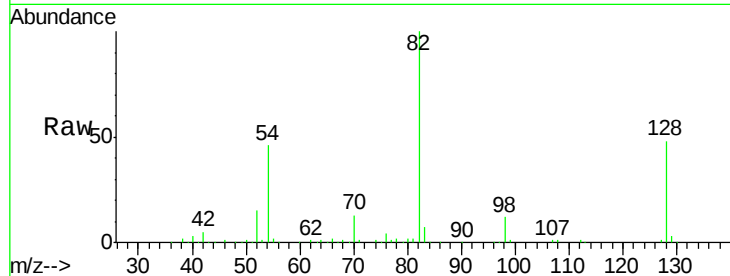
#23
 Nitrobenzene-d5
 Concen: 82.07 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	600022		
128	48.4		34.0	51.0
54	46.1		42.2	63.2

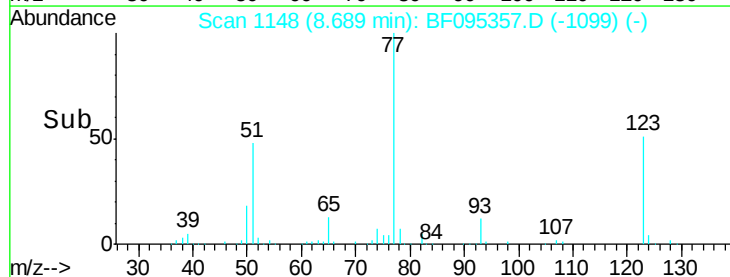
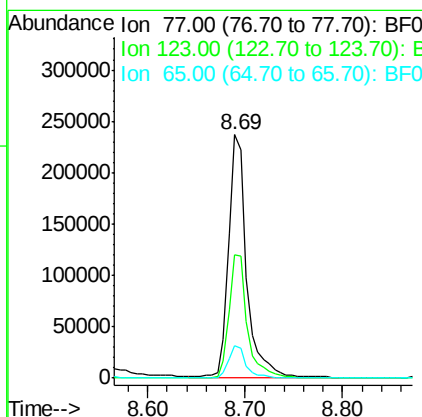
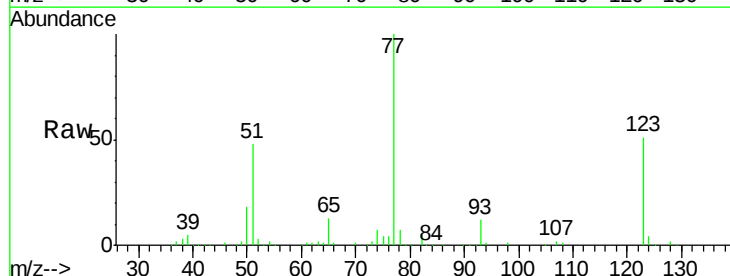
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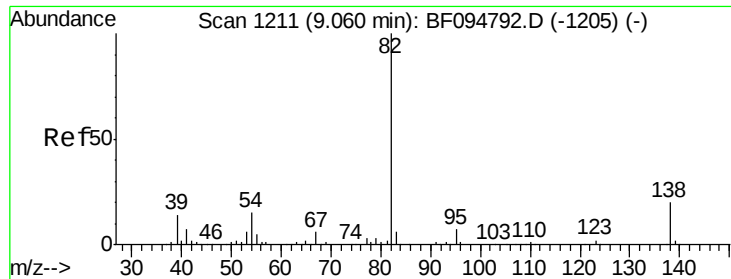
mohammad
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#24
 Nitrobenzene
 Concen: 39.60 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	303484		
123	50.6		35.8	53.8
65	13.2		10.6	15.8





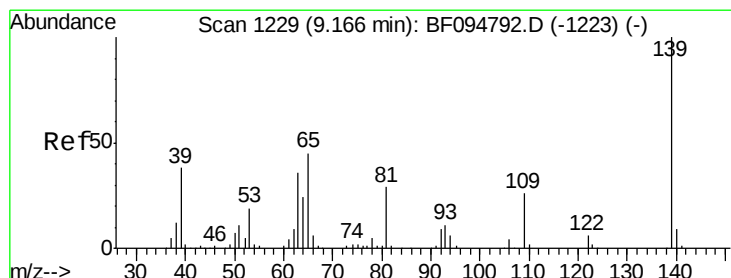
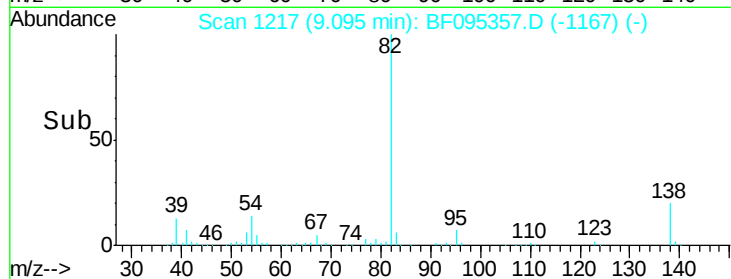
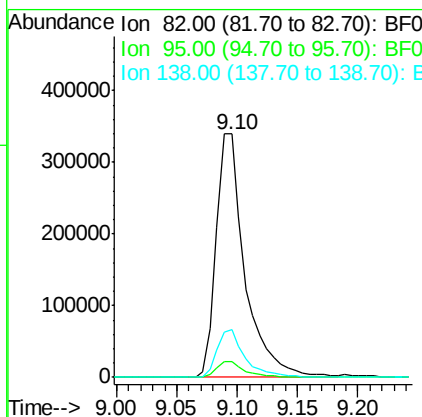
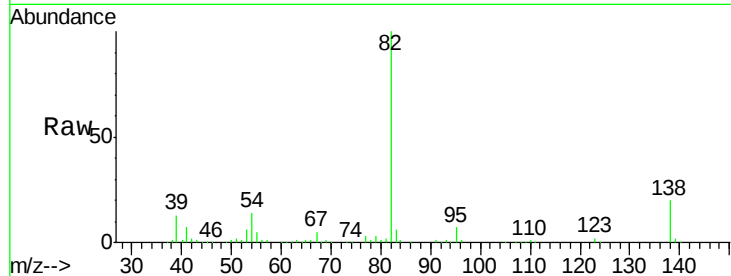
#25
Isophorone
Concen: 42.91 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	560220		
95	6.6	5.3	7.9	
138	19.9	13.1	19.7	

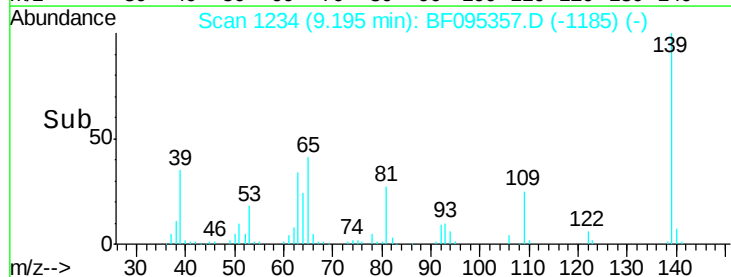
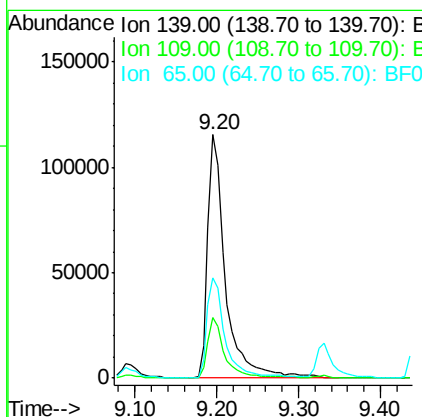
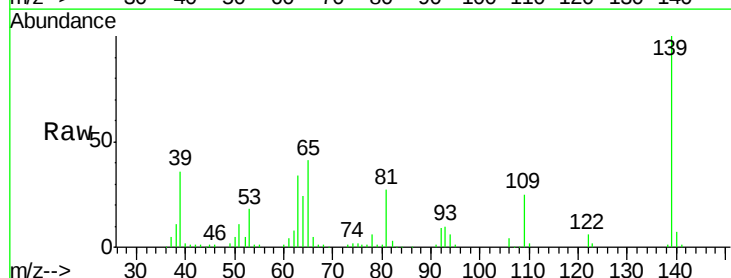
Manual Integrations
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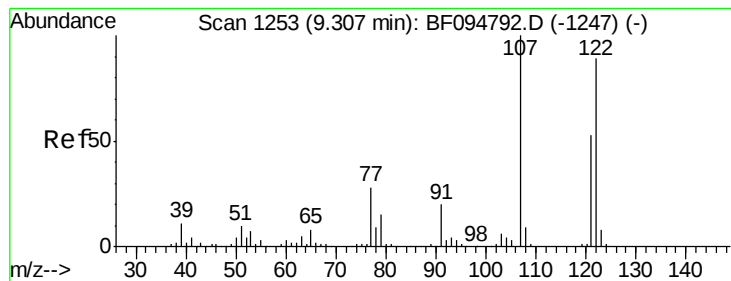
mohammad
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#26
2-Nitrophenol
Concen: 42.31 ng
RT: 9.20 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	174946		
109	25.0	21.0	31.6	
65	41.0	33.0	49.6	





#27

2,4-Dimethylphenol

Concen: 41.94 ng

RT: 9.33 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

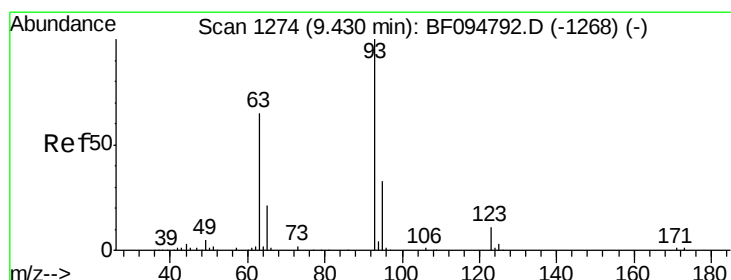
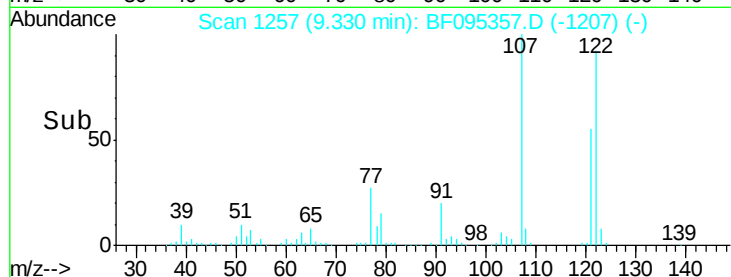
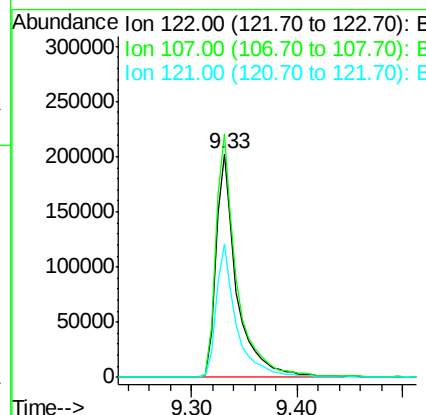
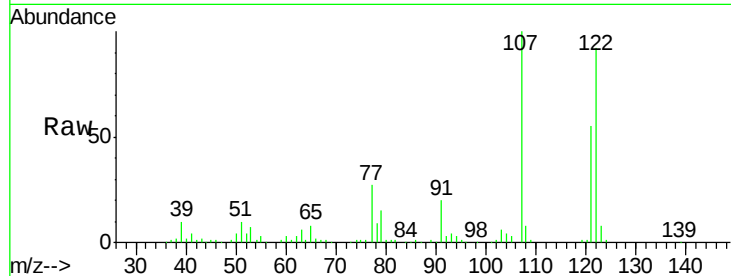
ClientSampleId :

NM4-COMP-6-18MSD

Tgt Ion:	122	Resp:	280388
Ion Ratio	Lower	Upper	
122	100		
107	108.9	89.2	133.8
121	59.5	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 39.90 ng

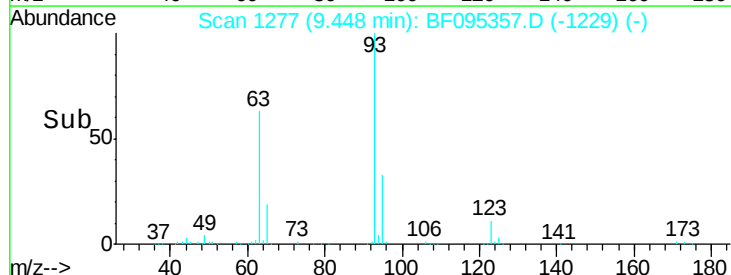
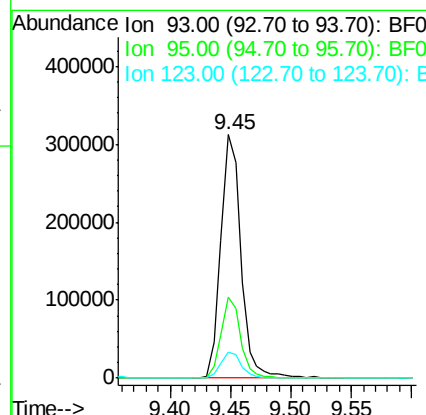
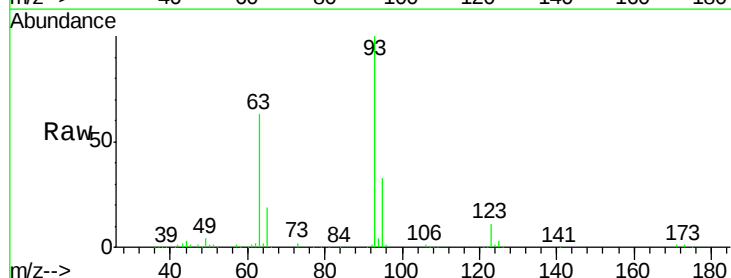
RT: 9.45 min Scan# 1277

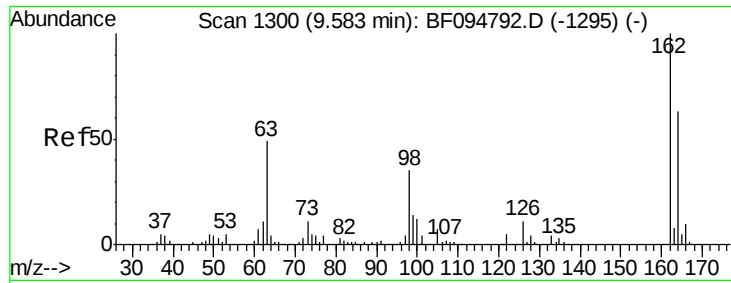
Delta R.T. -0.02 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Tgt Ion:	93	Resp:	360342
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.5	39.7
123	10.9	9.0	13.4





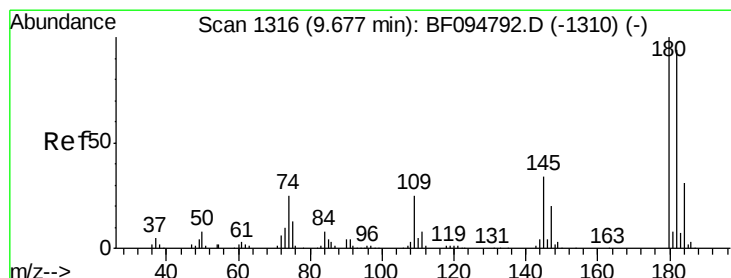
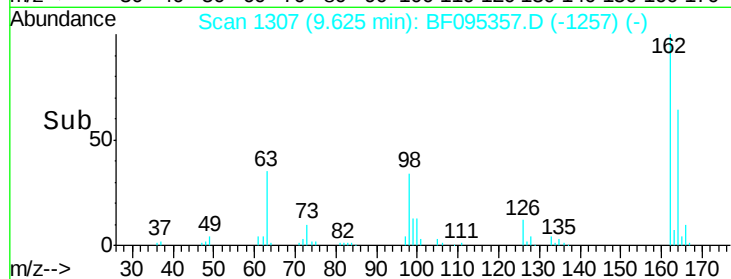
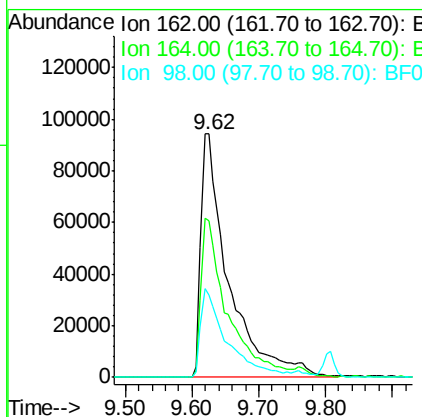
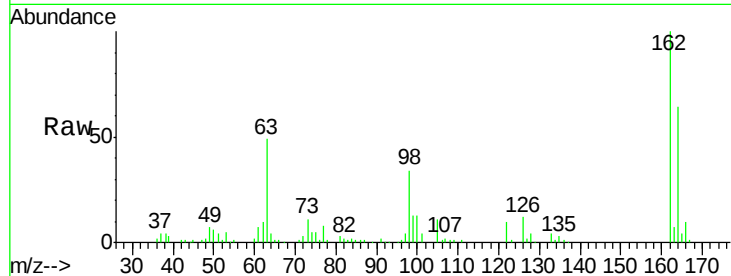
#29
 2,4-Dichlorophenol
 Concen: 42.68 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	269392		
164	64.2	44.6	84.6	
98	33.9	14.8	54.8	

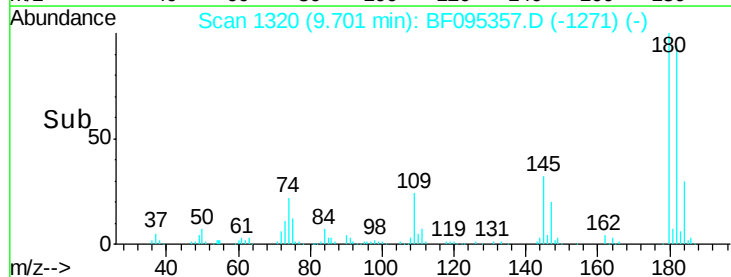
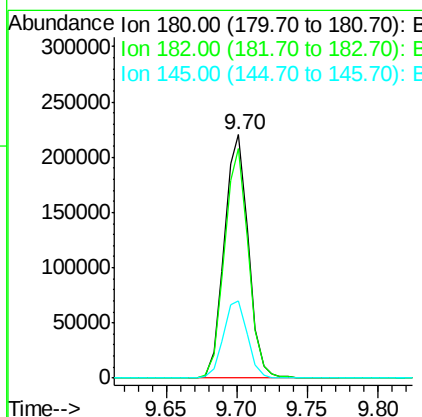
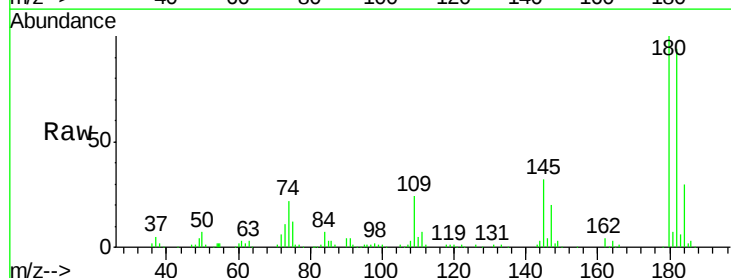
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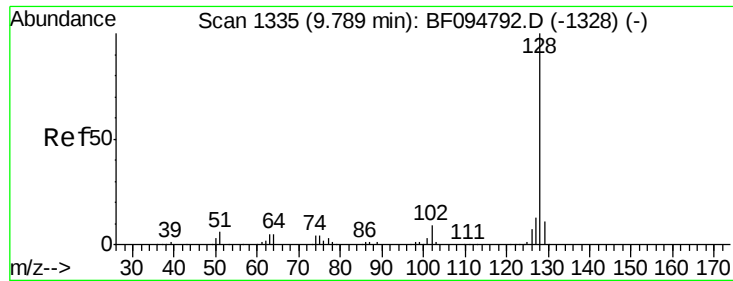
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.29 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	258965		
182	94.0	75.8	113.6	
145	31.8	25.3	37.9	





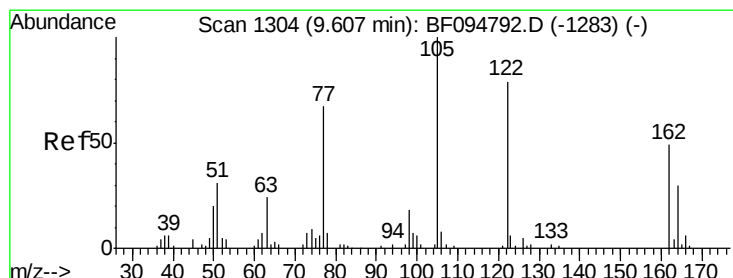
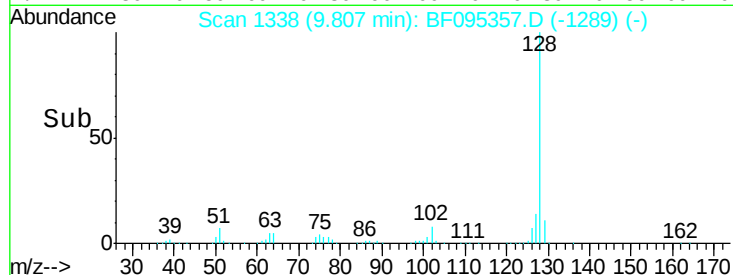
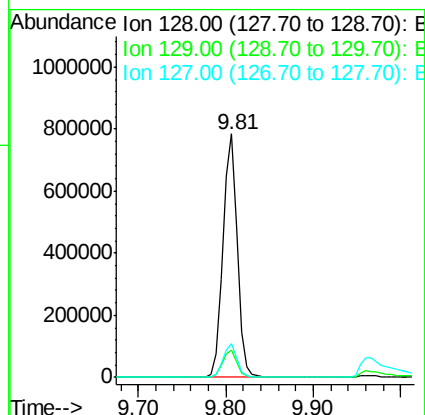
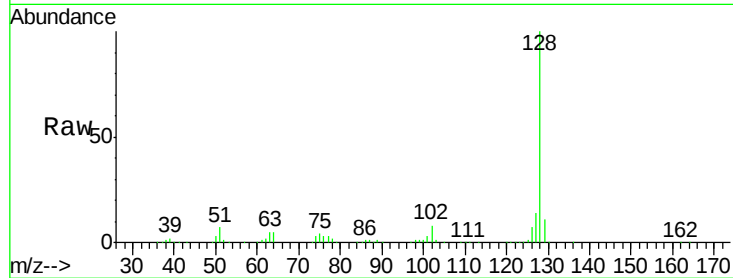
#31
Naphthalene
Concen: 38.51 ng
RT: 9.81 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	892230		
129	11.0	9.0	13.6	
127	13.7	10.8	16.2	

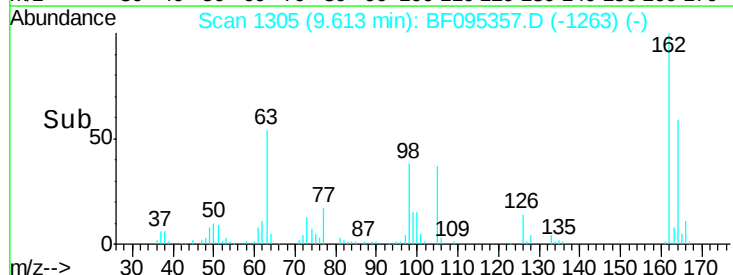
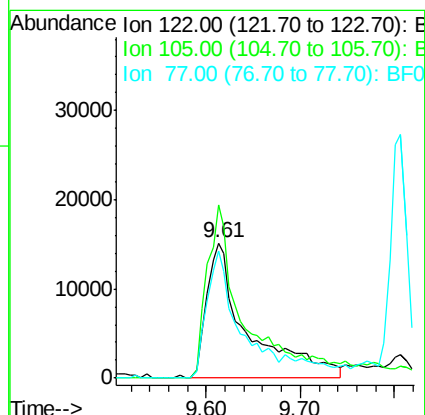
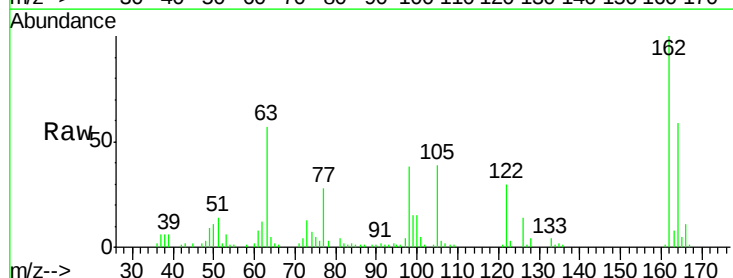
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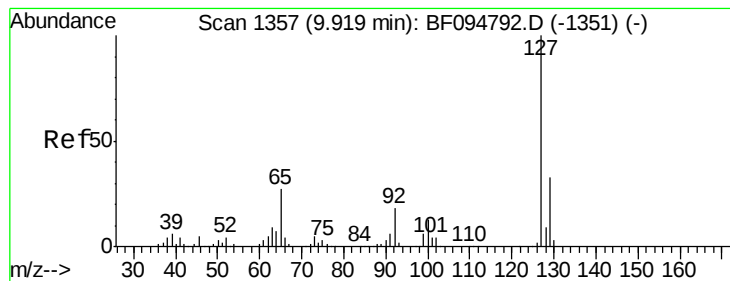
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#32
Benzoic acid
Concen: 14.47 ng
RT: 9.61 min Scan# 1305
Delta R.T. -0.05 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	46067		
105	128.7	103.3	143.3	
77	94.0	73.7	113.7	





#33

4-Chloroaniline

Concen: 19.37 ng

RT: 9.96 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF095357.D

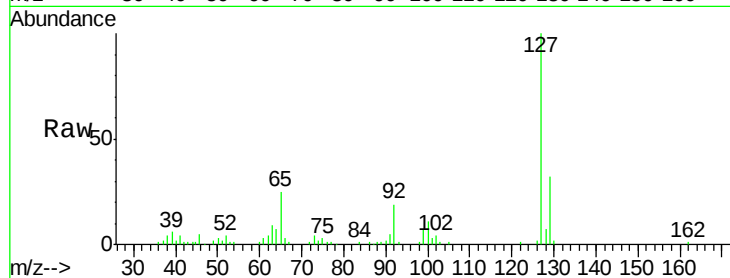
Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

NM4-COMP-6-18MSD



Tgt Ion:127 Resp: 167225

Ion Ratio Lower Upper

127 100

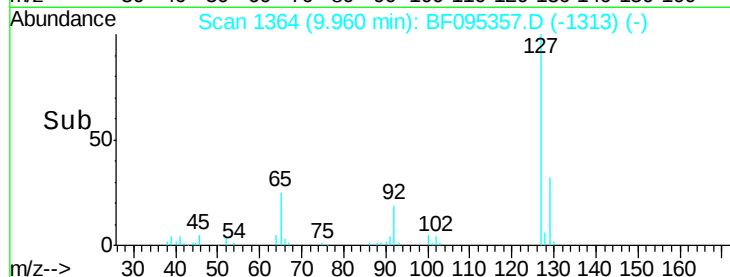
129 31.8 26.2 39.2

65 25.5 27.8 41.8#

92 19.1 16.8 25.2

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Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Time-->

9.96

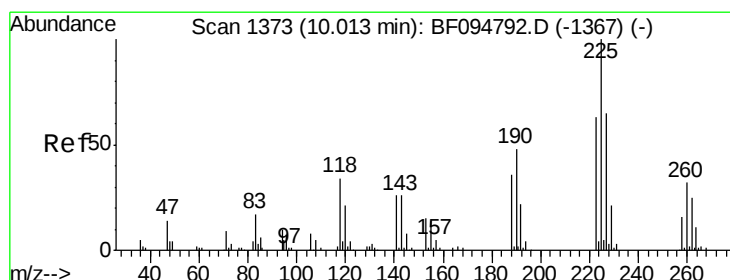
60000

40000

20000

0

9.90 10.00 10.10



#34

Hexachlorobutadiene

Concen: 36.07 ng

RT: 10.02 min Scan# 1374

Delta R.T. -0.02 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

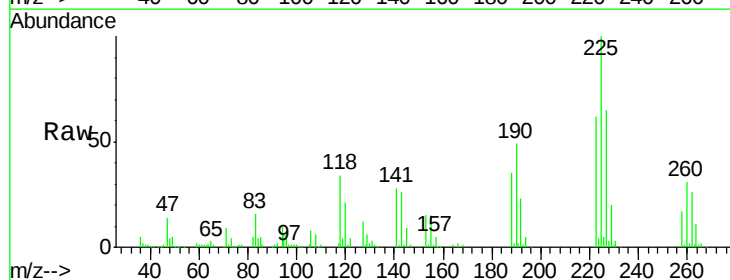
Tgt Ion:225 Resp: 128692

Ion Ratio Lower Upper

225 100

223 61.9 48.8 73.2

227 65.2 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

Time-->

10.02

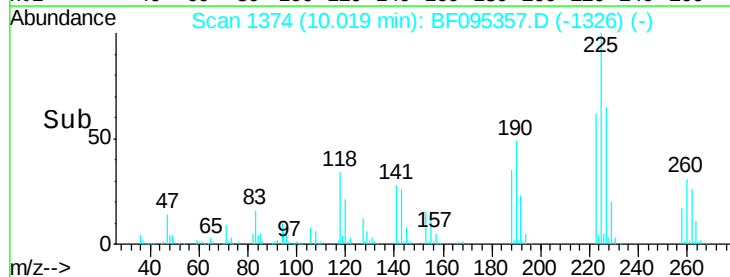
150000

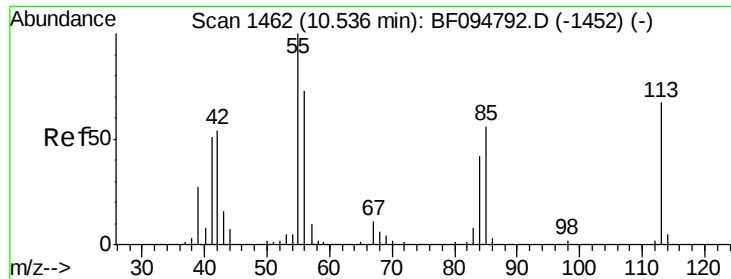
100000

50000

0

9.95 10.00 10.05





#35

Caprolactam

Concen: 37.61 ng m

RT: 10.58 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

NM4-COMP-6-18MSD

Tgt Ion:113 Resp: 71282

Ion Ratio Lower Upper

113 100

55 155.7 150.2 190.2

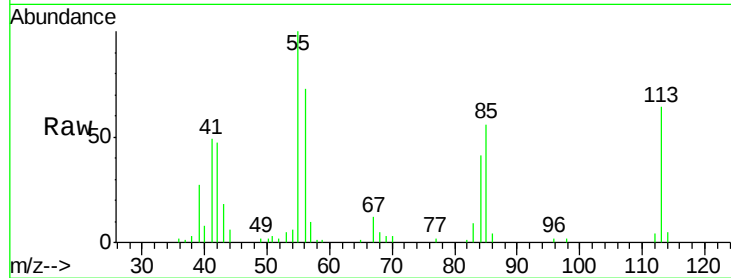
56 113.9 107.8 147.8

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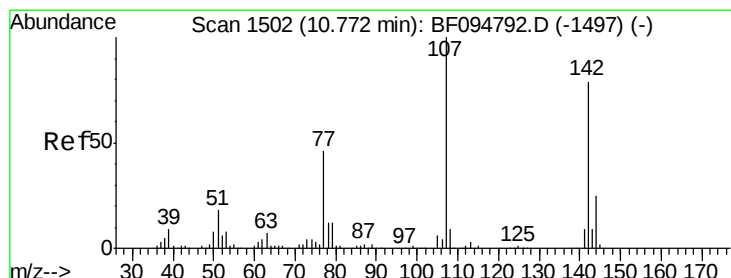
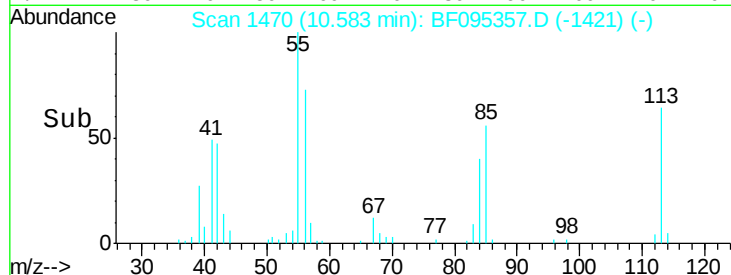
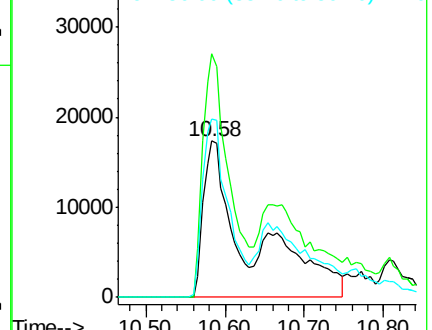
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.96 ng

RT: 10.81 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

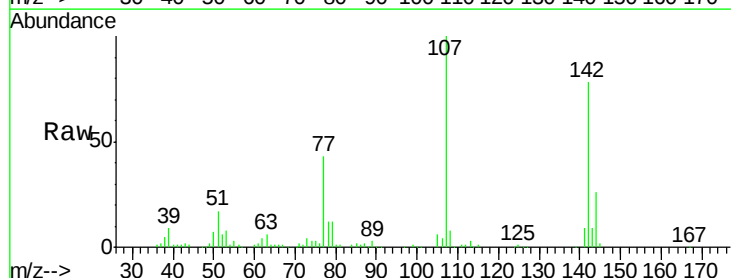
Tgt Ion:107 Resp: 276446

Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

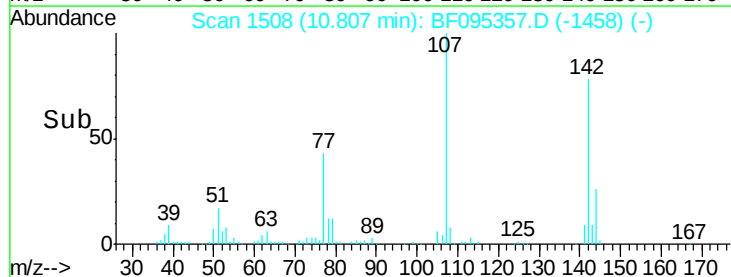
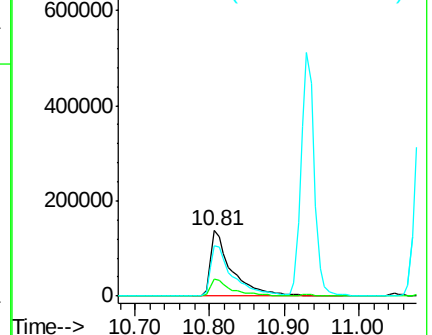
142 78.2 73.4 110.0

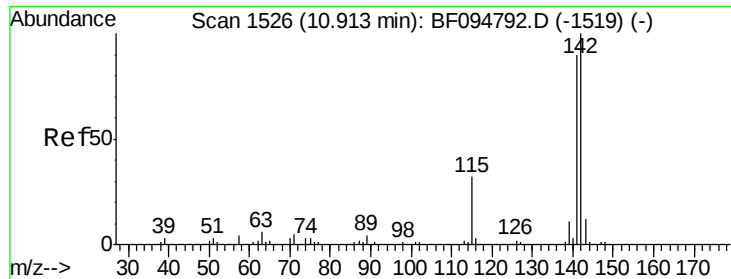


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





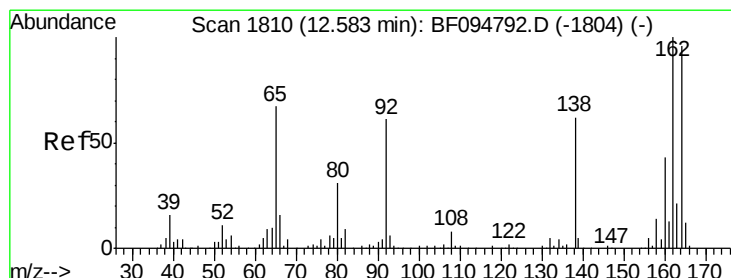
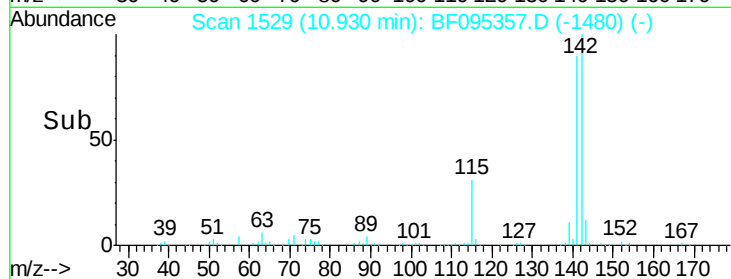
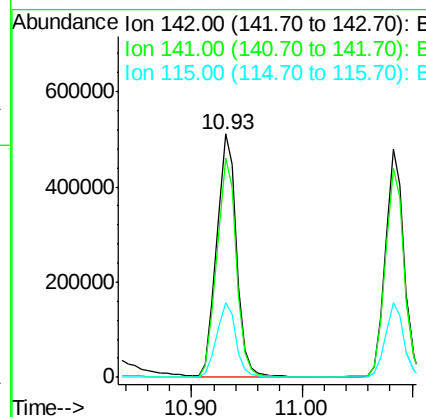
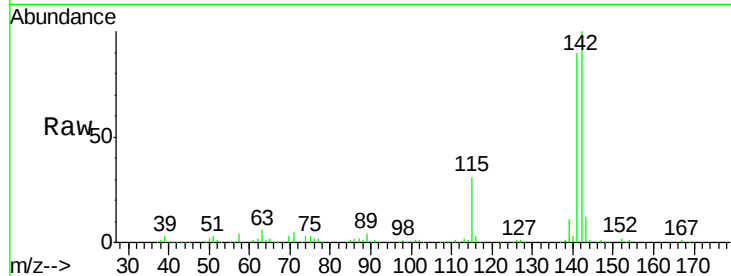
#37
2-Methylnaphthalene
Concen: 41.56 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.3	106.9
115	30.8	27.1	40.7

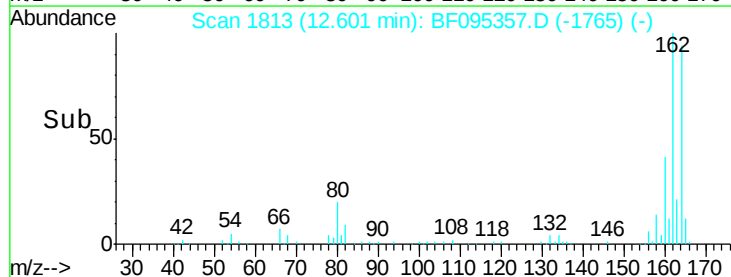
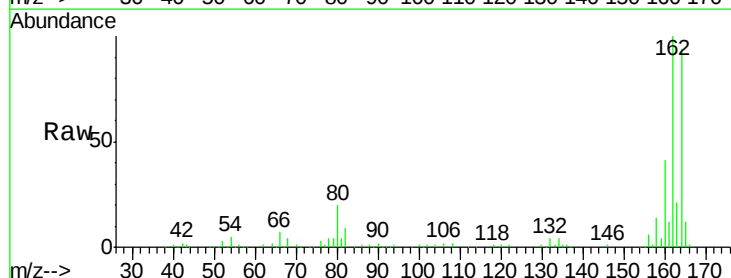
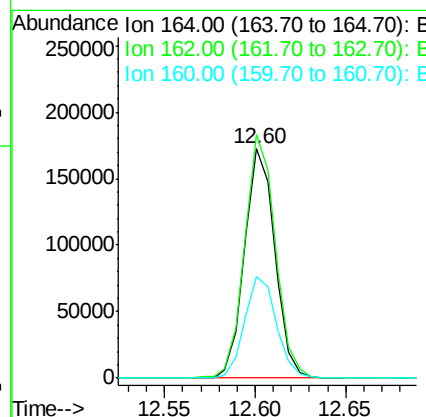
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.6	123.8
160	44.0	36.2	54.2





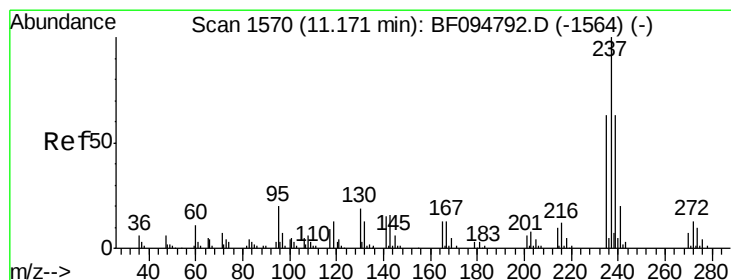
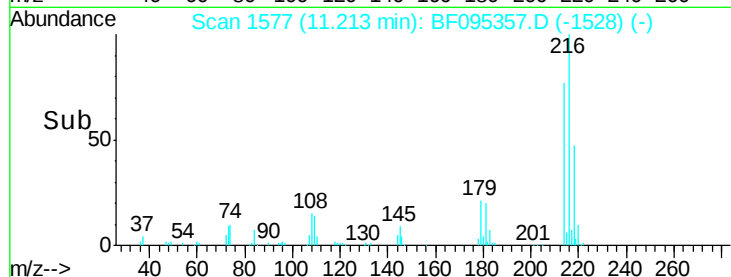
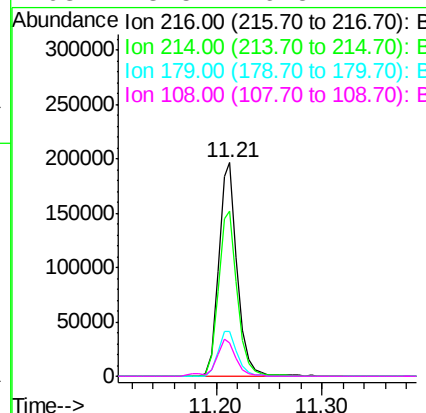
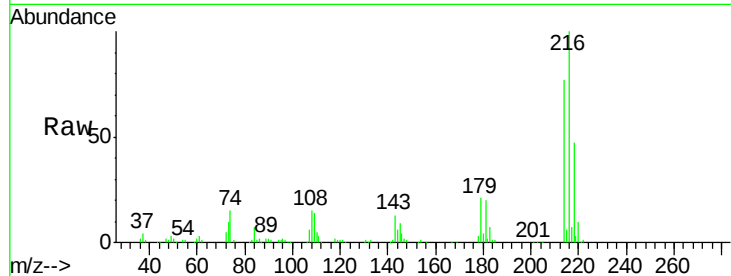
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.15 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	241403		
214	79.1	63.4	95.2	
179	22.0	17.9	26.9	
108	18.5	16.5	24.7	

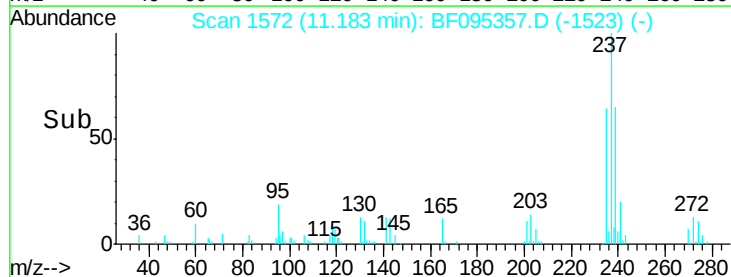
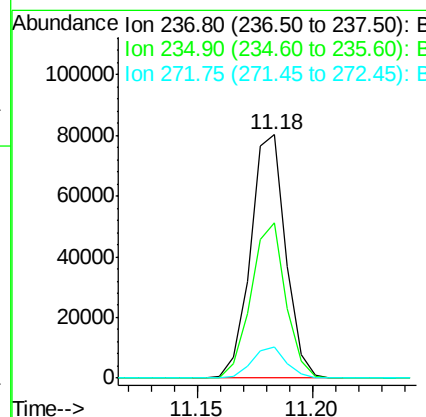
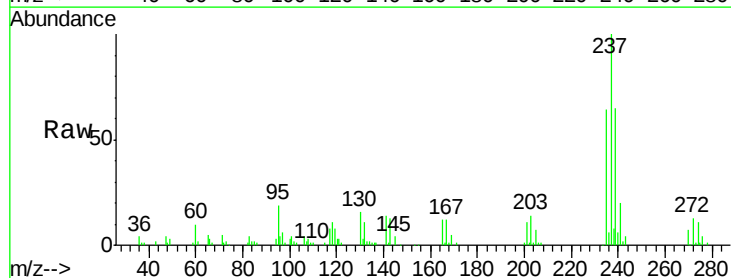
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#40
 Hexachlorocyclopentadiene
 Concen: 36.42 ng
 RT: 11.18 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	85165		
235	64.0	42.6	82.6	
272	12.7	0.0	31.9	





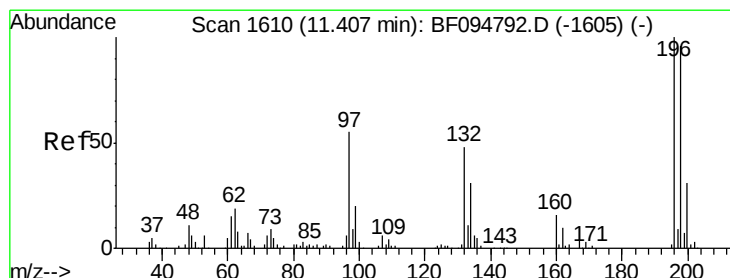
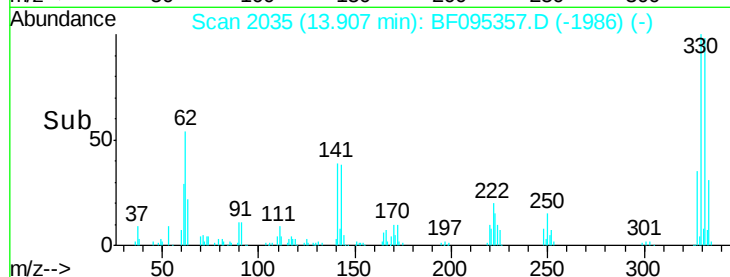
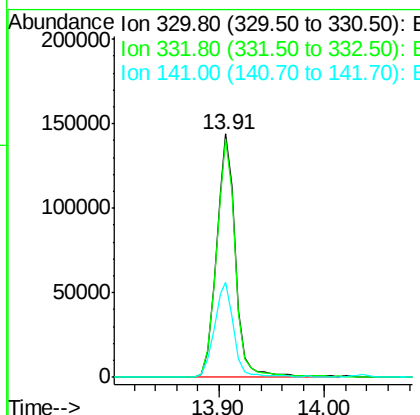
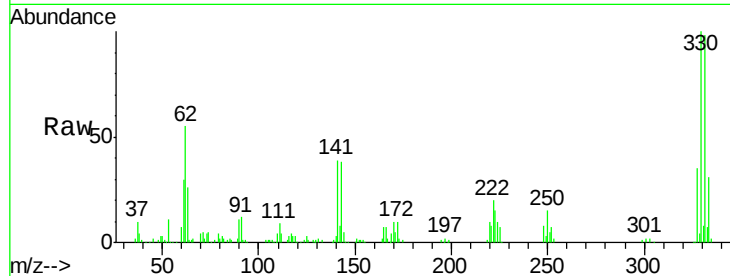
#41
 2,4,6-Tribromophenol
 Concen: 111.29 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	182753		
332	97.3	76.6	115.0	
141	40.0	31.4	47.2	

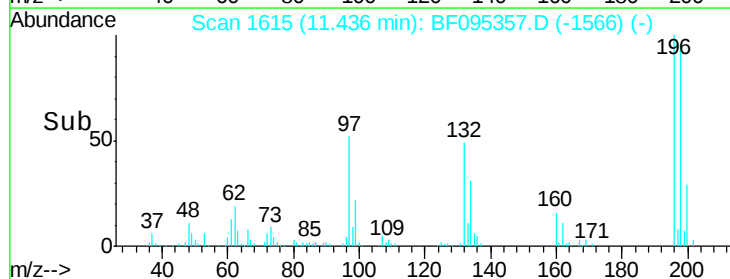
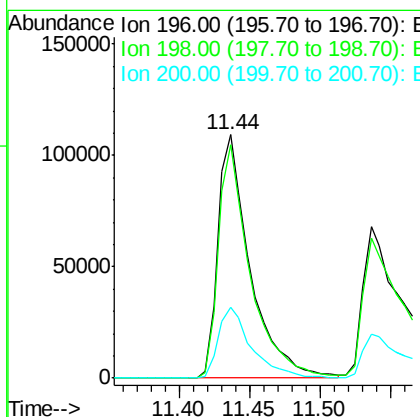
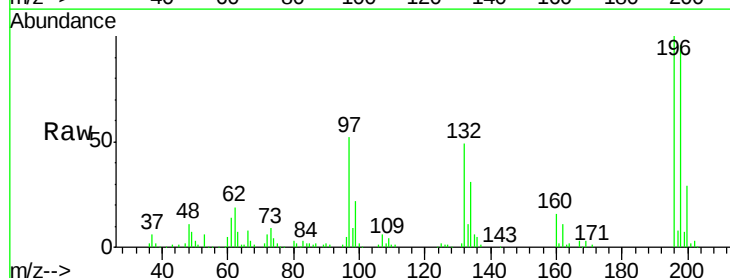
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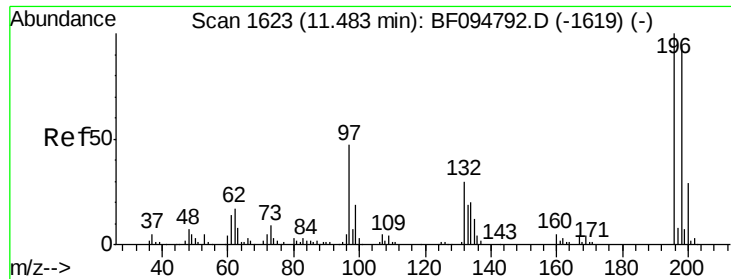
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#42
 2,4,6-Trichlorophenol
 Concen: 42.37 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174462		
198	96.0	74.2	111.4	
200	29.1	24.0	36.0	





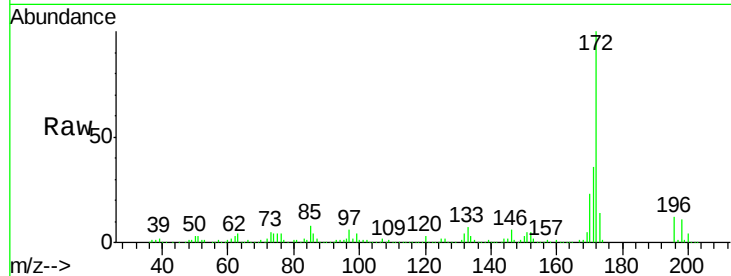
#43
 2,4,5-Trichlorophenol
 Concen: 35.66 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157800		
198	92.6	75.7	113.5	
97	48.3	47.7	71.5	
132	36.2	28.0	42.0	

Manual Integrations
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Abundance

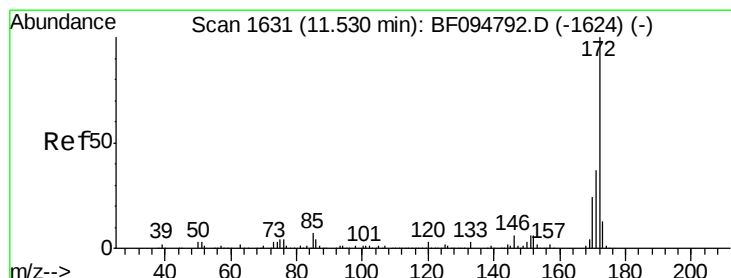
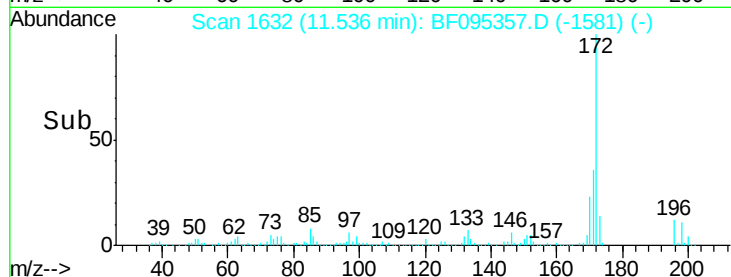
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

Time-->



#44
 2-Fluorobiphenyl
 Concen: 81.52 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1135635		
171	35.8	29.6	44.4	
170	23.5	19.8	29.8	

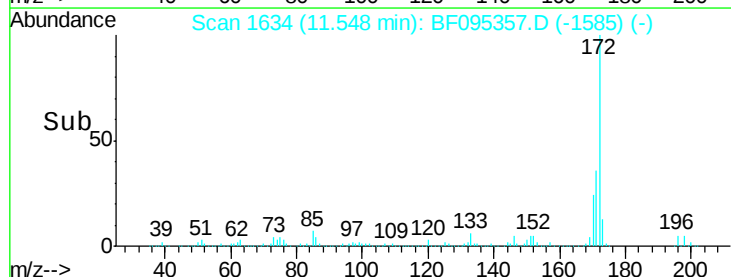
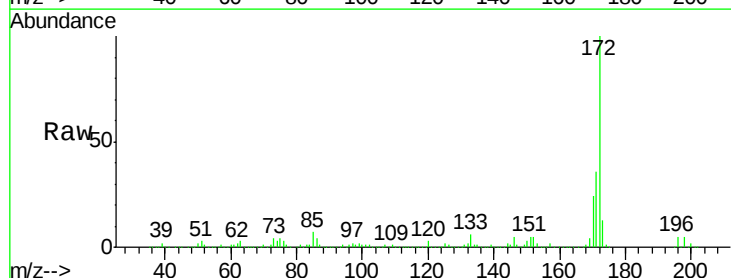
Abundance

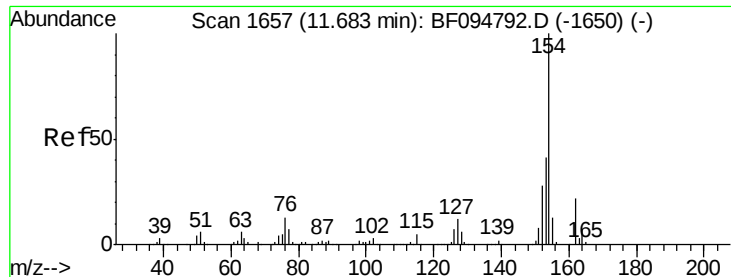
Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->





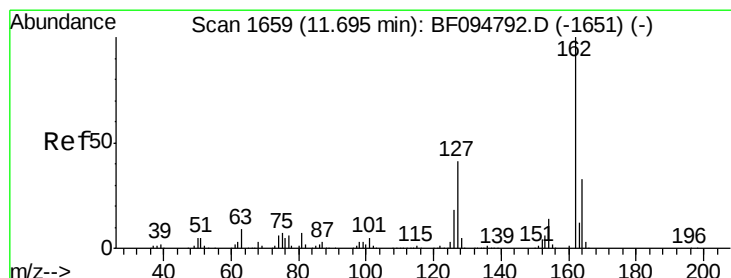
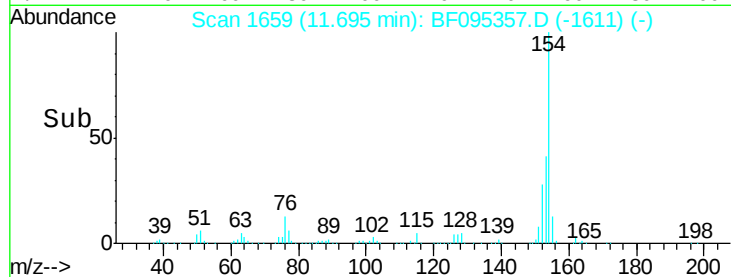
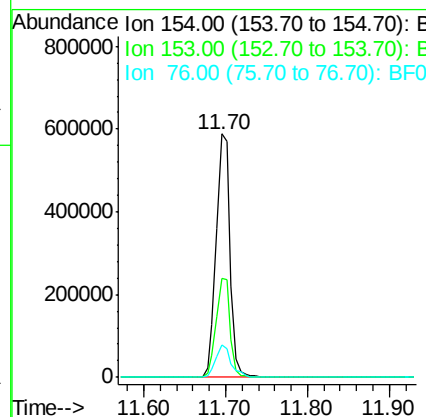
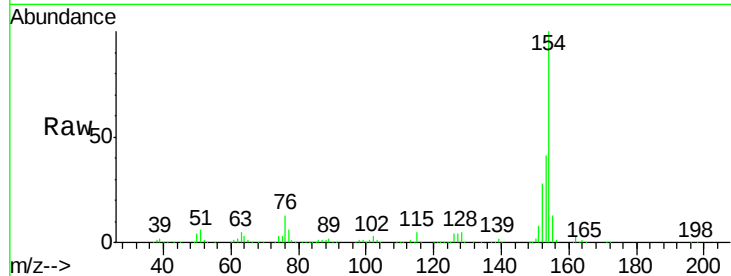
#45
 1,1'-Biphenyl
 Concen: 41.35 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	698167		
153	40.9	21.2	61.2	
76	13.3	0.0	29.9	

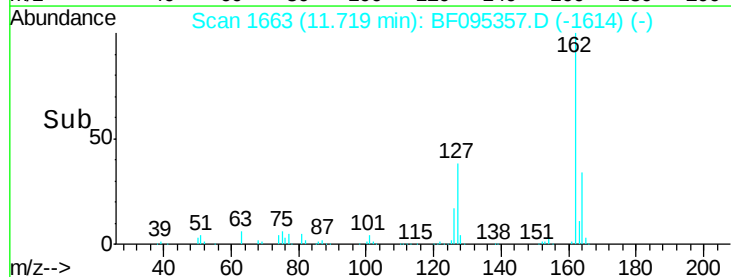
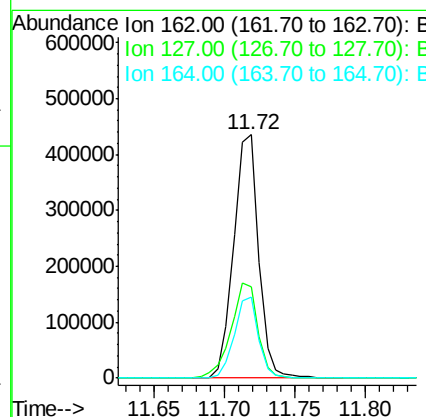
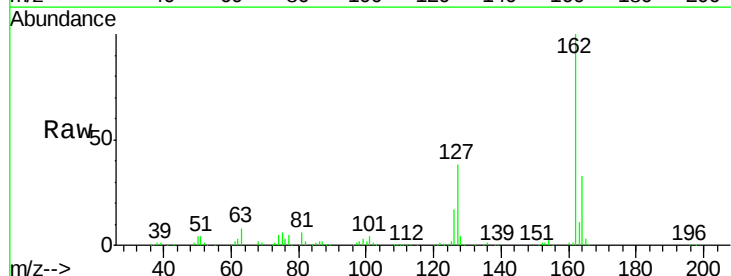
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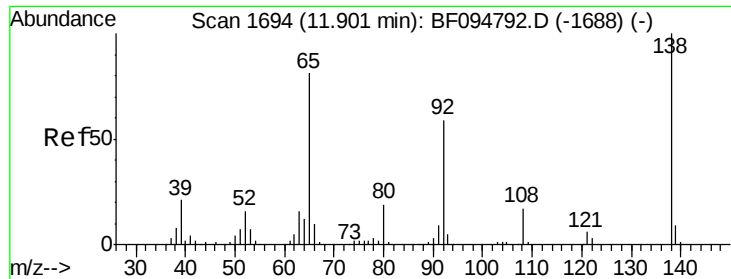
mohammad
 5/24/2017 4:43:20 PM



#46
 2-Chloronaphthalene
 Concen: 39.34 ng
 RT: 11.72 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	536222		
127	37.6	28.3	42.5	
164	33.1	27.0	40.4	





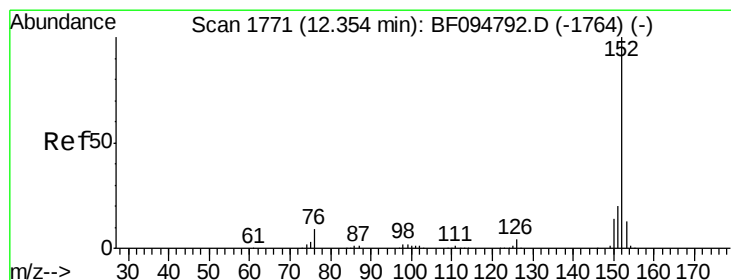
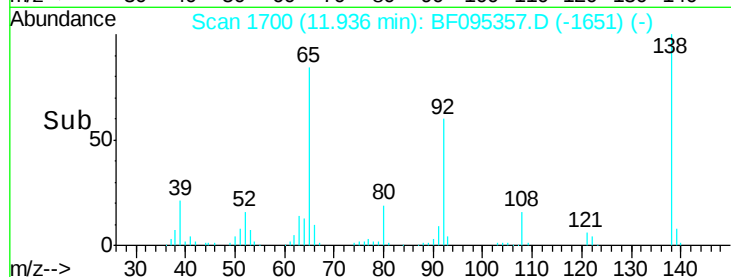
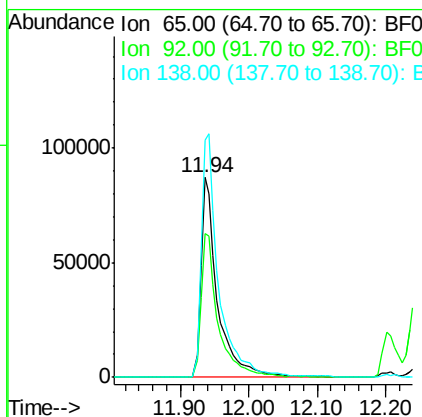
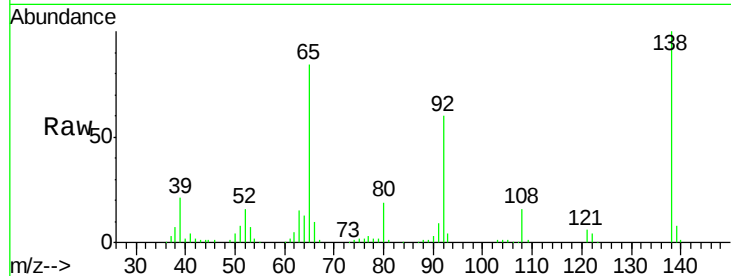
#47
2-Nitroaniline
Concen: 40.15 ng
RT: 11.94 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	53.9	80.9
138	118.8	78.8	118.2#

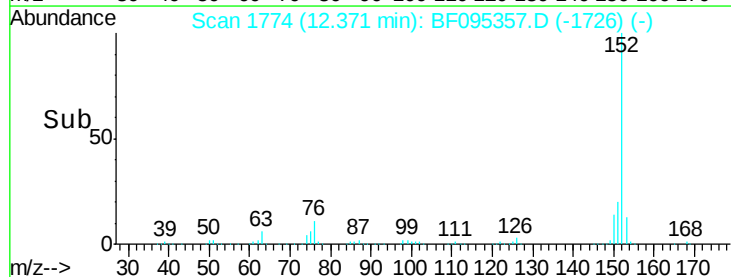
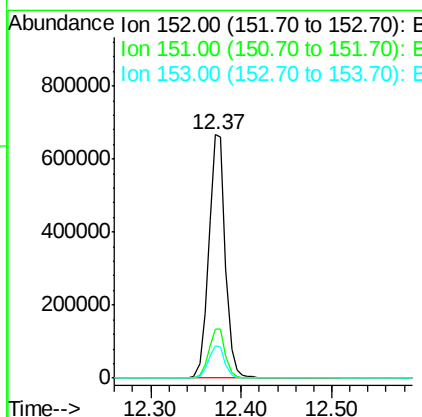
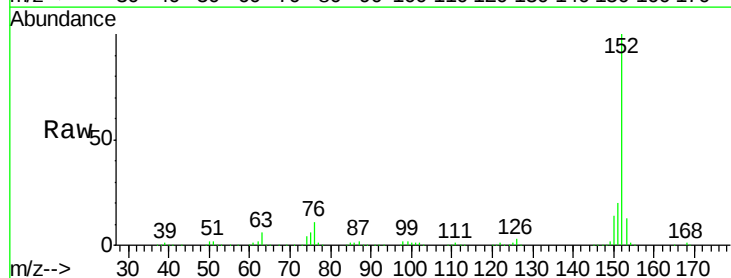
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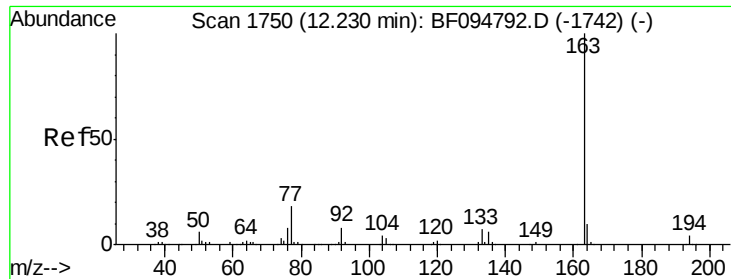
mohammad
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#48
Acenaphthylene
Concen: 39.92 ng
RT: 12.37 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.2	10.8	16.2





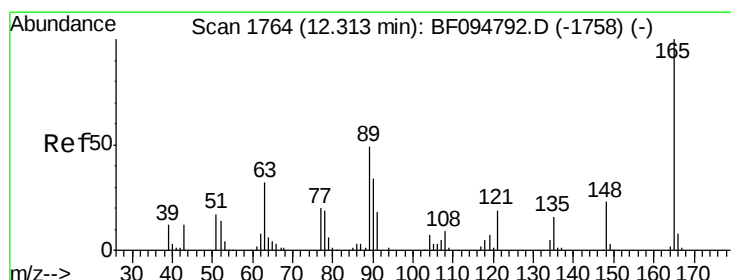
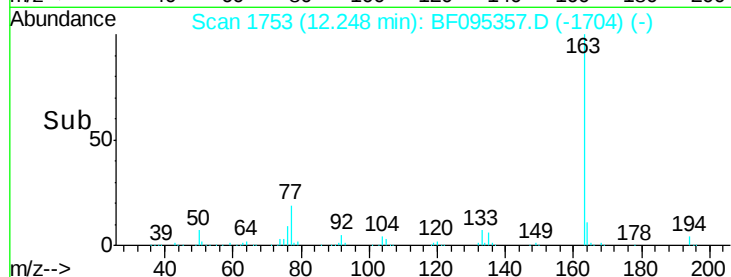
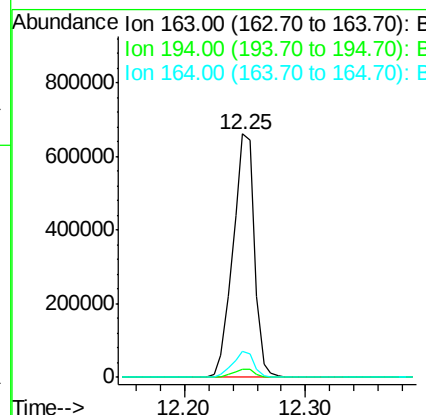
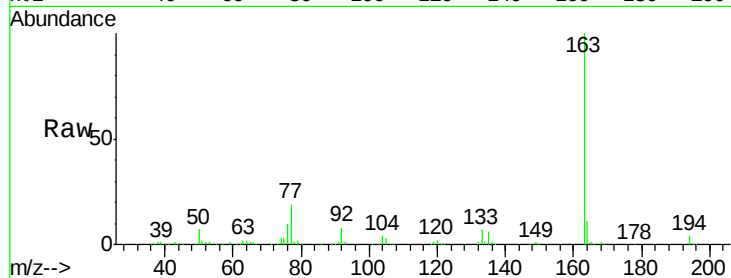
#49
Dimethylphthalate
Concen: 49.65 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	817298		
194	3.6	2.6	4.0	
164	10.5	8.4	12.6	

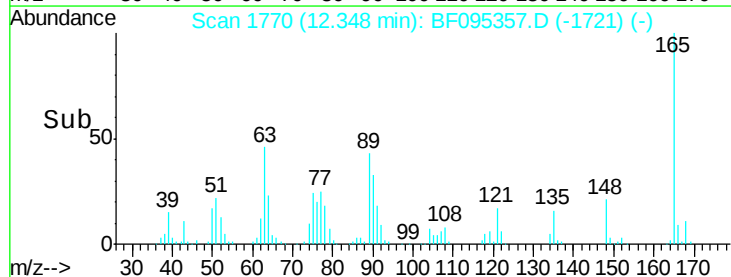
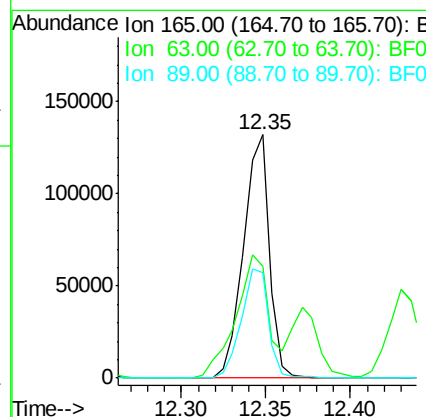
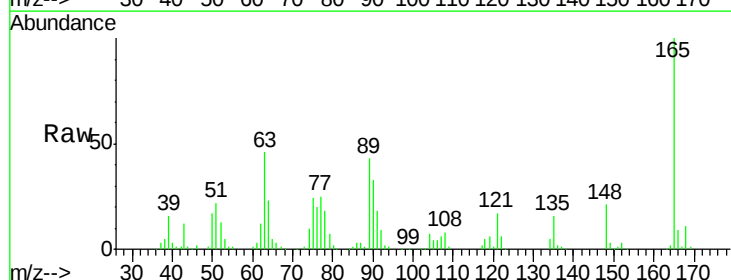
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#50
2,6-Dinitrotoluene
Concen: 41.94 ng
RT: 12.35 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140864		
63	45.9	34.3	51.5	
89	43.4	37.1	55.7	





#51

Acenaphthene

Concen: 39.16 ng

RT: 12.66 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF095357.D

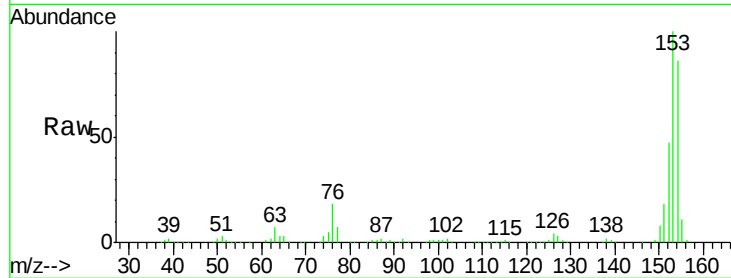
Acq: 23 May 2017 18:21

Instrument :

BNA_F

ClientSampleId :

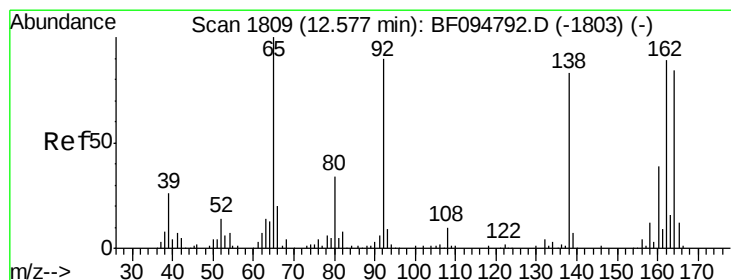
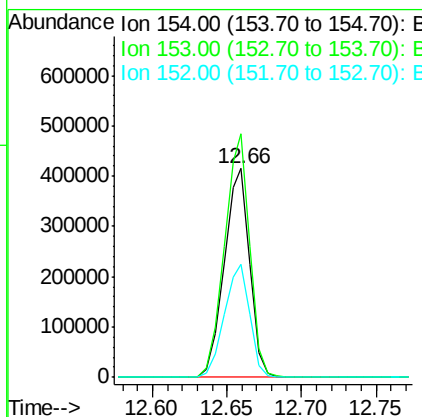
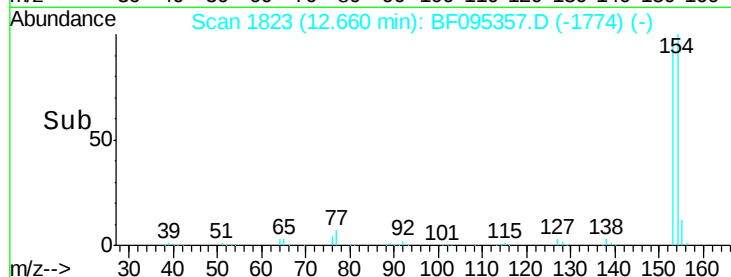
NM4-COMP-6-18MSD



Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.5	90.5	135.7
152	54.4	43.6	65.4

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#52

3-Nitroaniline

Concen: 28.23 ng

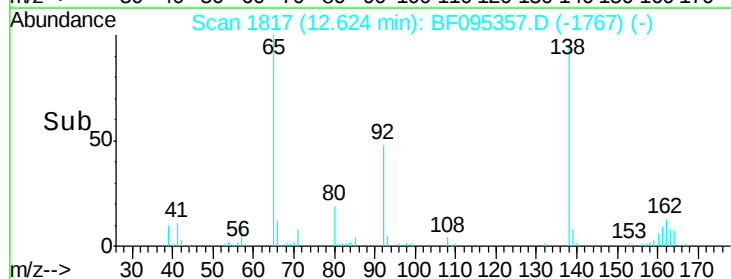
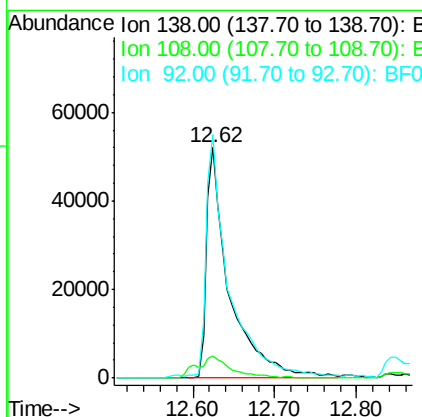
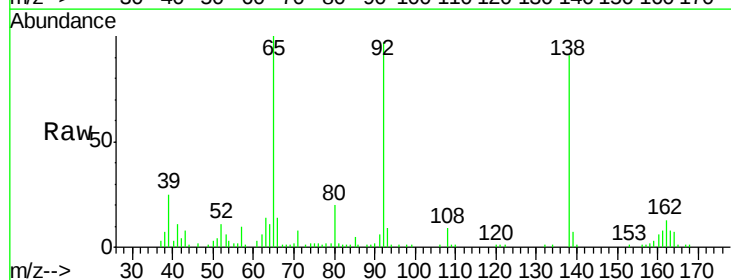
RT: 12.62 min Scan# 1817

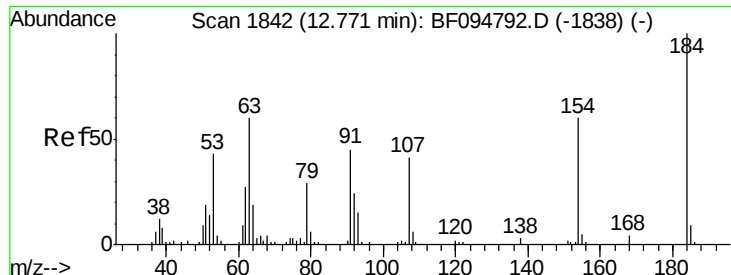
Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.6	9.1	13.7
92	105.6	93.8	140.6





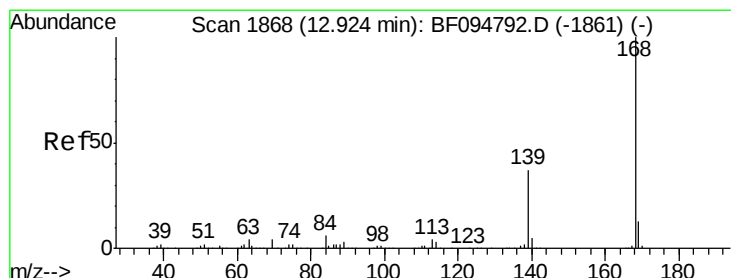
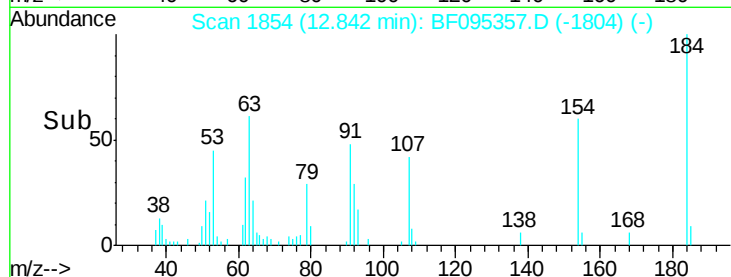
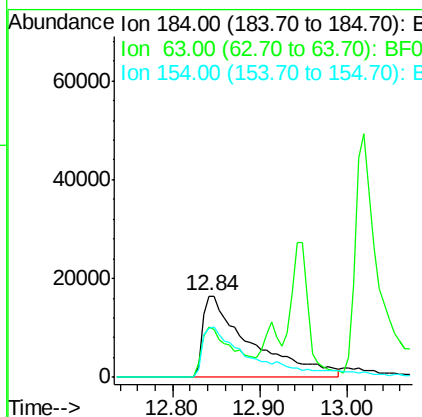
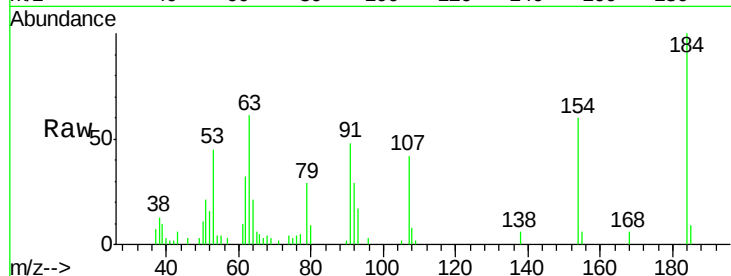
#53
 2,4-Dinitrophenol
 Concen: 37.31 ng
 RT: 12.84 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Tgt Ion:184 Resp: 62328
 Ion Ratio Lower Upper
 184 100
 63 61.1 62.7 94.1#
 154 60.1 81.1 121.7#

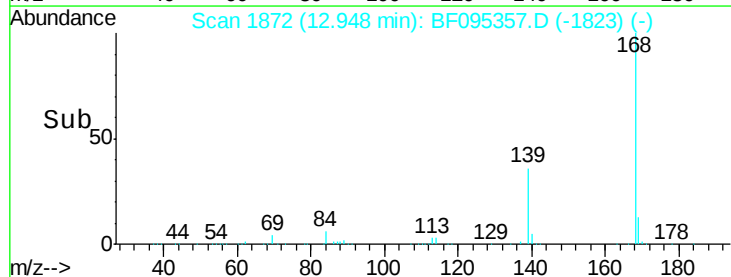
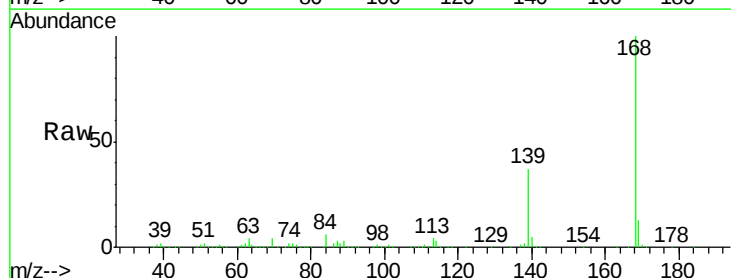
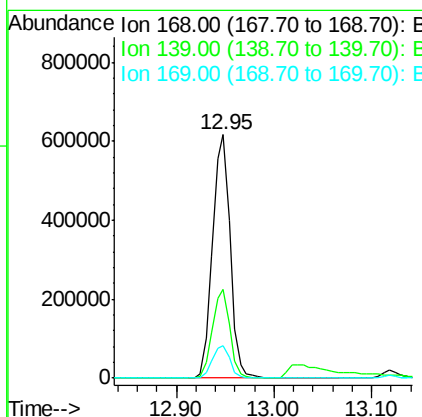
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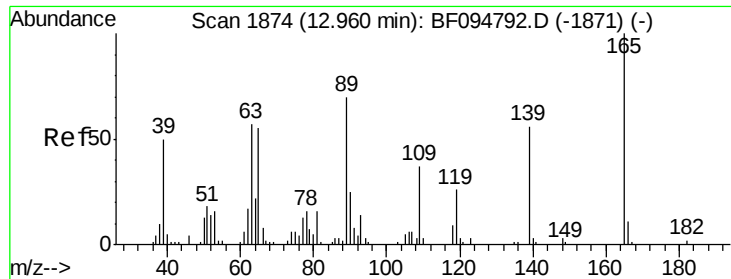
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#54
 Dibenzofuran
 Concen: 43.80 ng
 RT: 12.95 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion:168 Resp: 772936
 Ion Ratio Lower Upper
 168 100
 139 36.6 30.6 45.8
 169 13.1 10.8 16.2





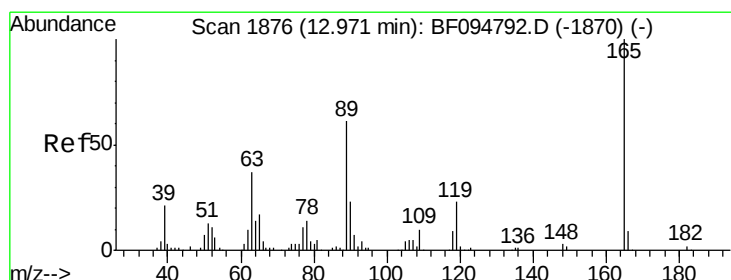
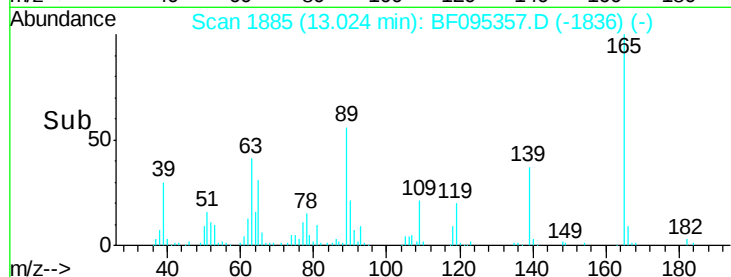
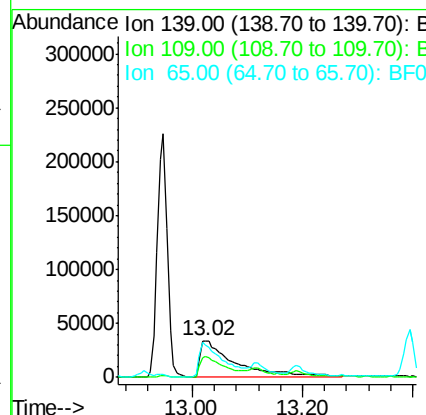
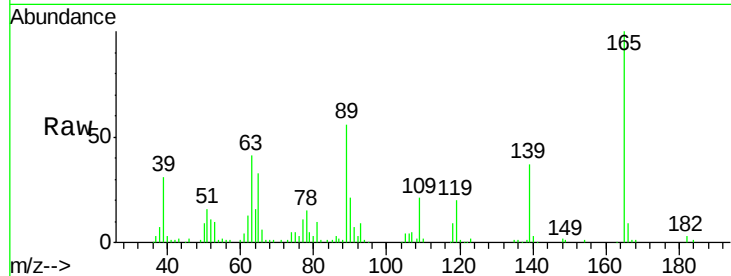
#55
4-Nitrophenol
Concen: 67.86 ng
RT: 13.02 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	146915		
109	56.3	34.1	74.1	
65	88.3	31.4	71.4	

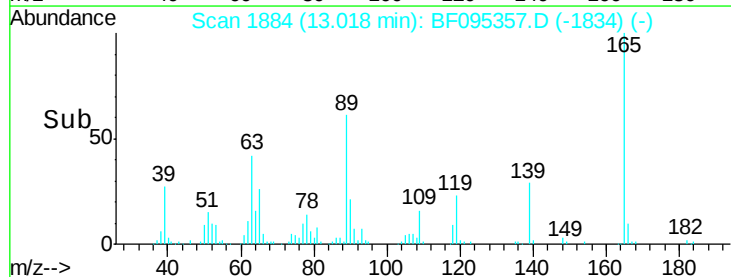
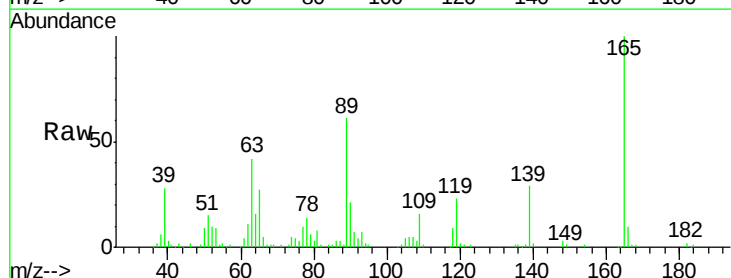
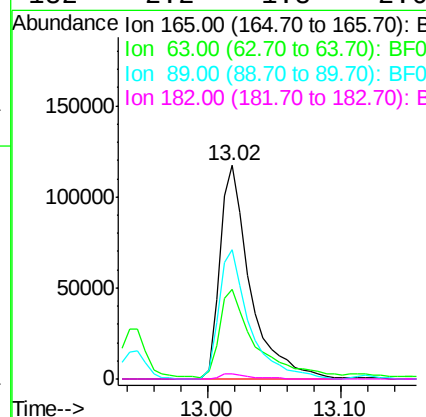
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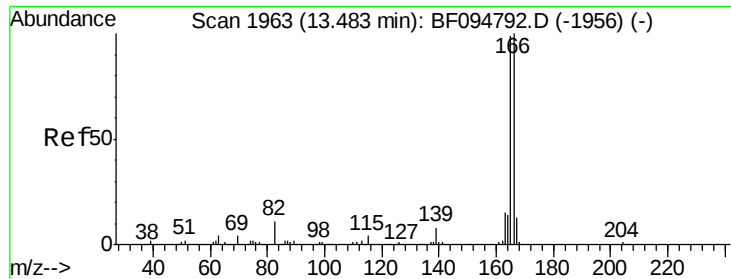
mohammad
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#56
2,4-Dinitrotoluene
Concen: 43.54 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187907		
63	42.0	25.4	38.0	
89	60.5	46.4	69.6	
182	2.2	1.8	2.6	





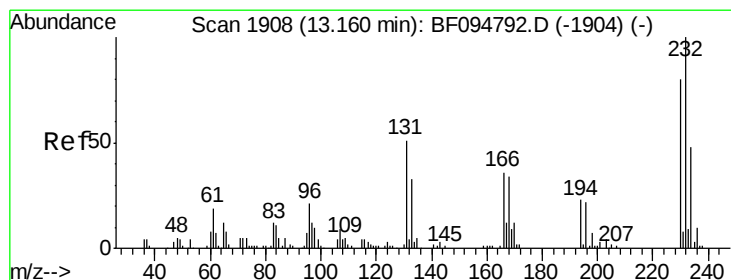
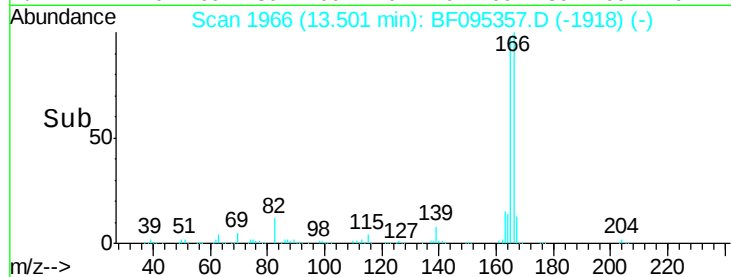
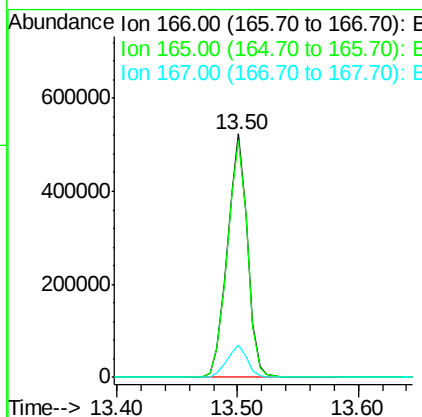
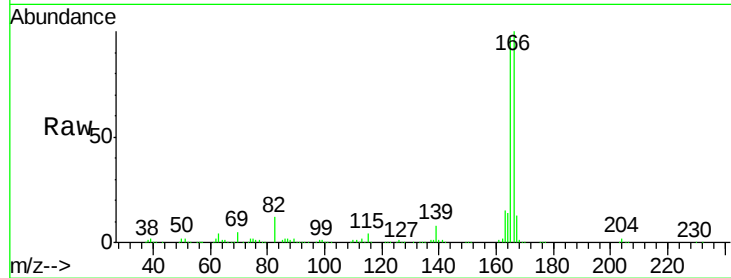
#57
Fluorene
 Concen: 39.10 ng
 RT: 13.50 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	600084		
165	97.4		78.8	118.2
167	13.2		10.6	16.0

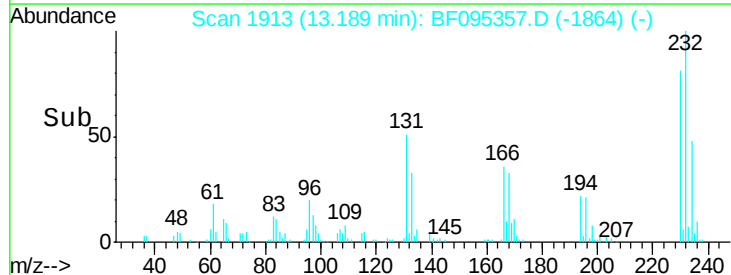
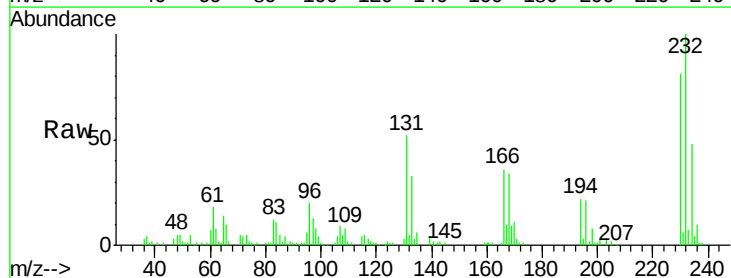
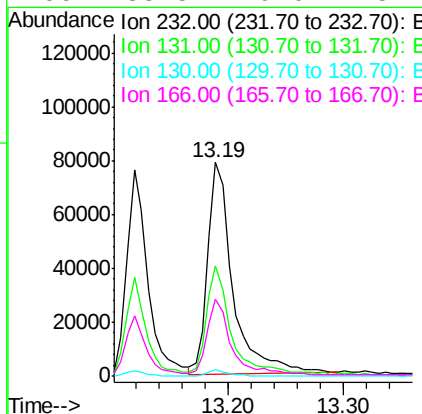
Manual Integrations
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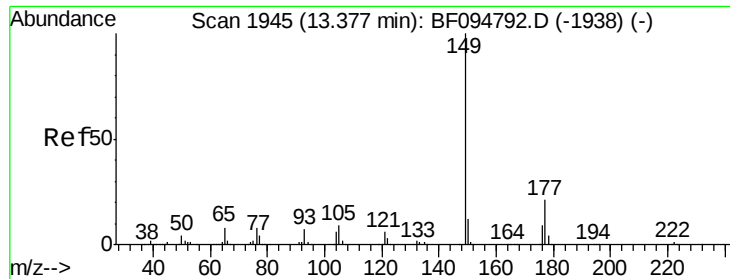
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.76 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	119096		
131	50.8		44.8	67.2
130	2.3		2.3	3.5#
166	35.5		29.0	43.4





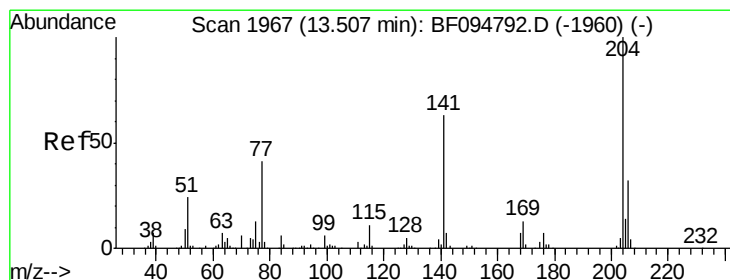
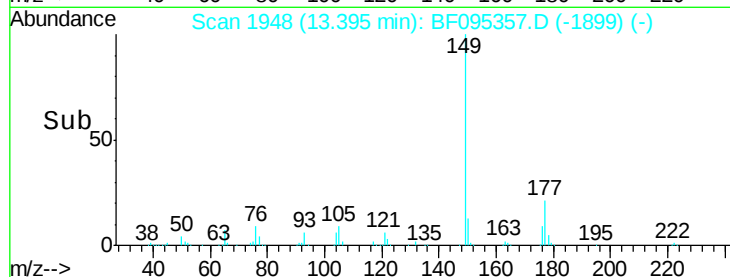
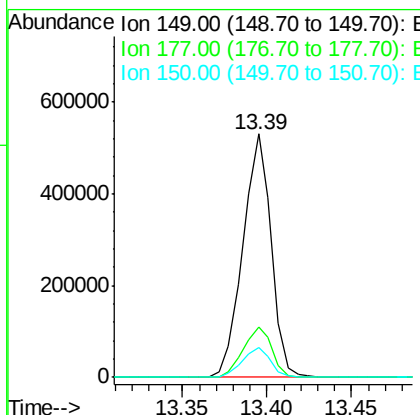
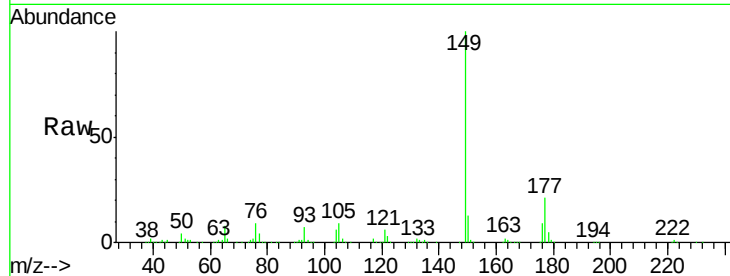
#59
Diethylphthalate
Concen: 39.28 ng
RT: 13.39 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.7	25.1
150	12.5	10.2	15.2

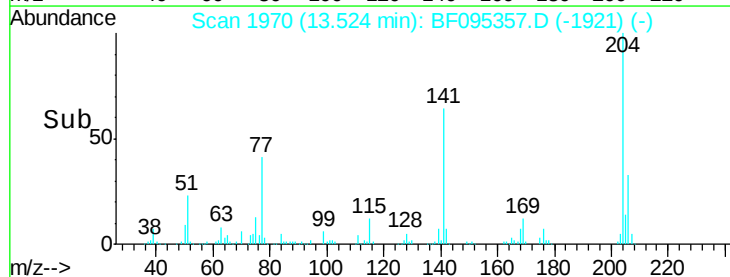
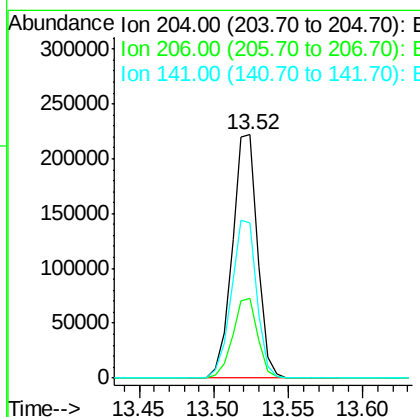
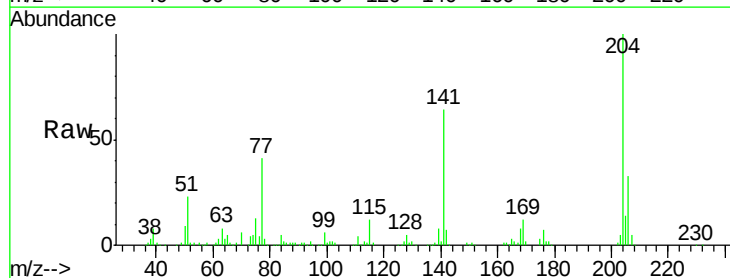
Manual Integrations
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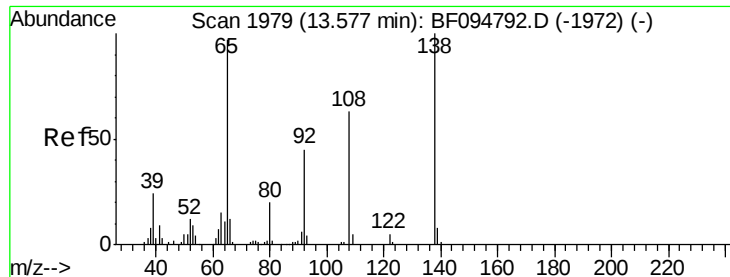
mohammad
5/24/2017 4:43:20 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.03 ng
RT: 13.52 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	63.8	60.8	91.2





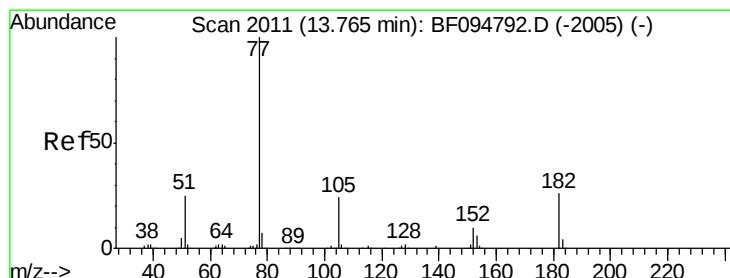
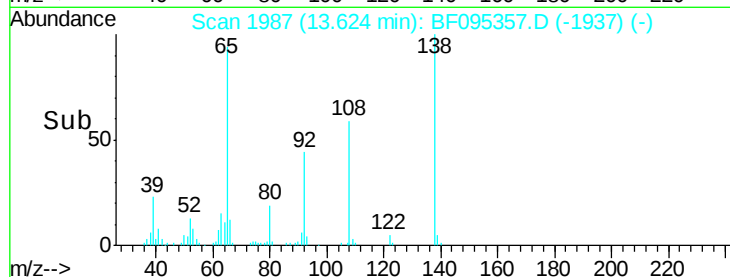
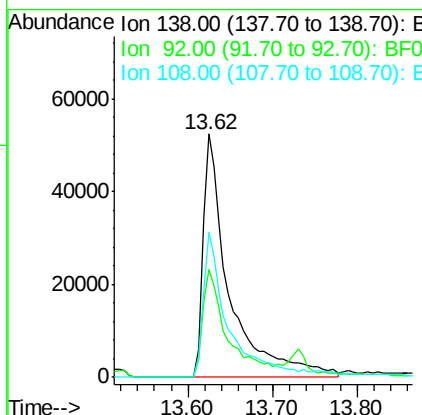
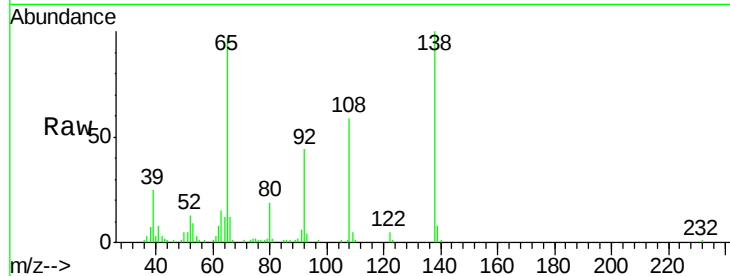
#61
4-Nitroaniline
Concen: 33.96 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	112373		
92	44.2	21.8	61.8	
108	59.4	42.3	82.3	

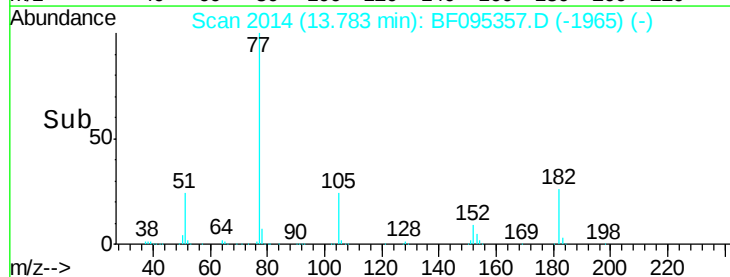
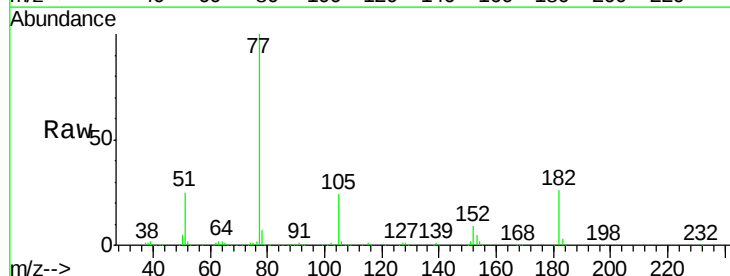
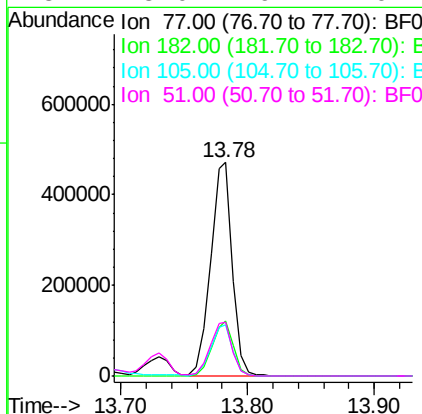
Manual Integrations
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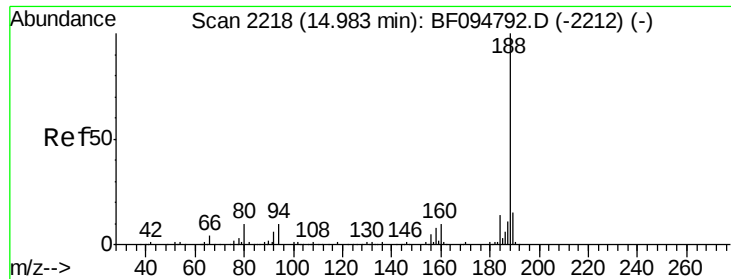
mohammad
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#62
Azobenzene
Concen: 44.36 ng
RT: 13.78 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	562404		
182	25.8	0.1	40.1	
105	24.2	3.6	43.6	
51	25.0	9.4	49.4	





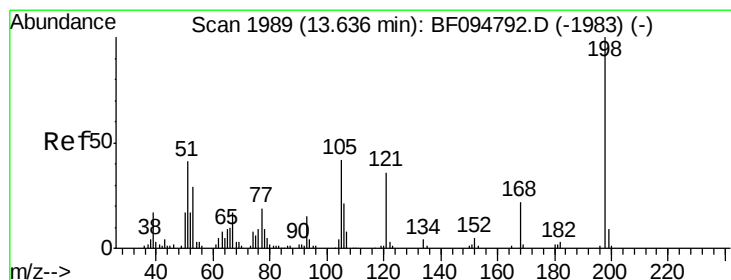
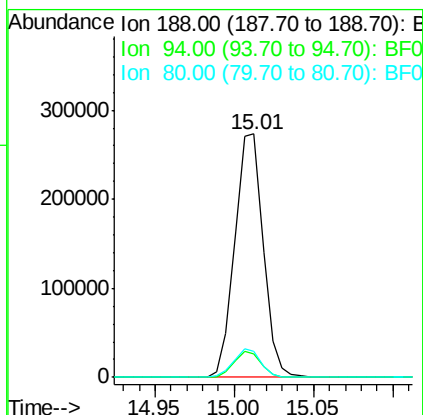
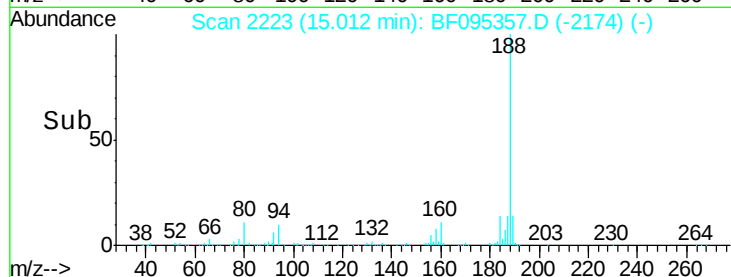
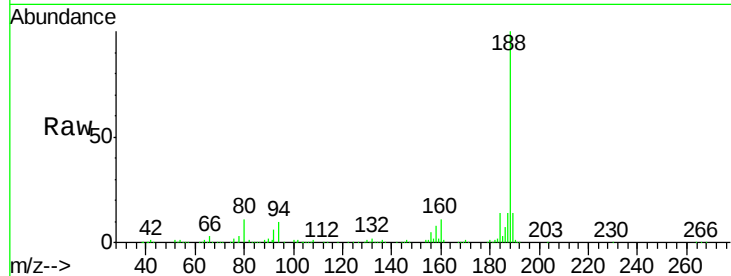
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	339786		
94	9.6		9.4	14.2
80	10.5		10.2	15.2

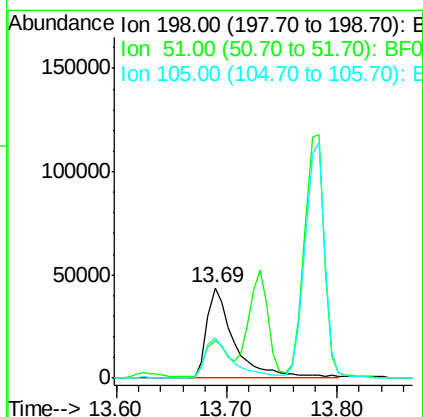
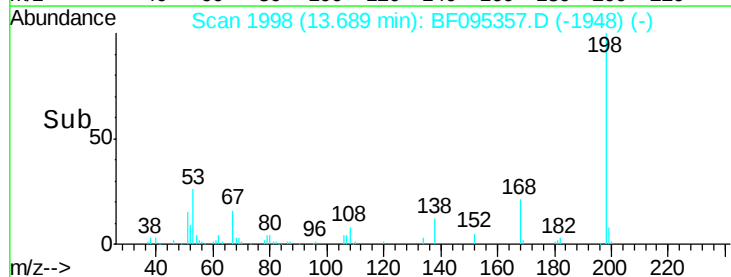
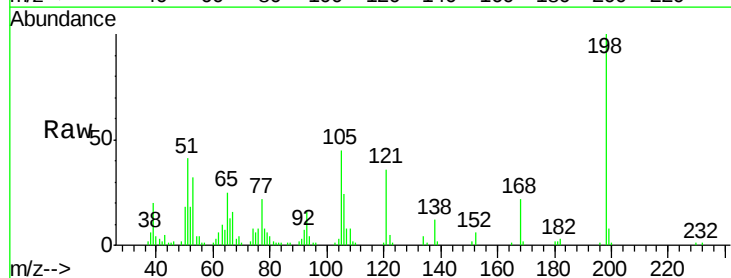
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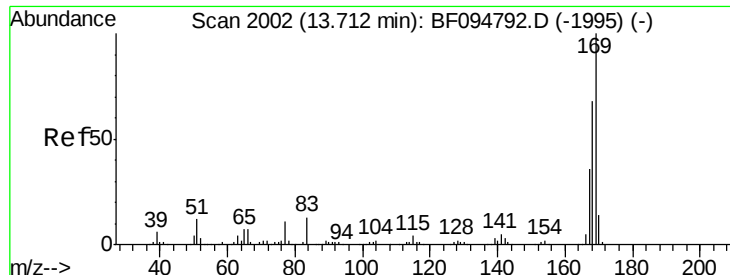
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.87 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	74878		
51	41.1		53.2	93.2#
105	44.5		45.8	85.8#





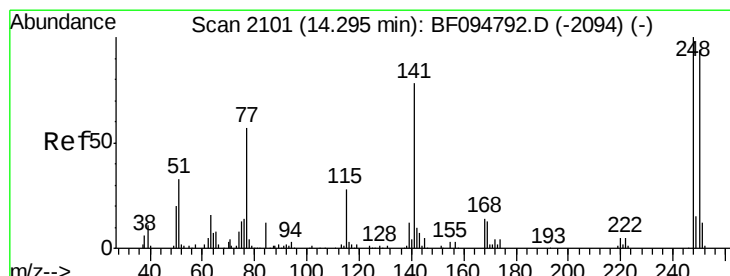
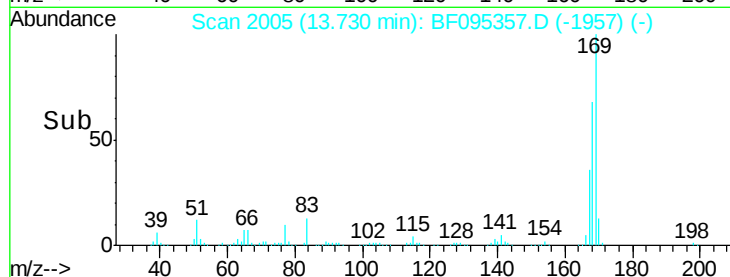
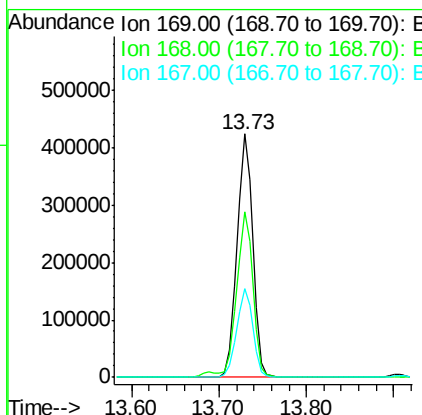
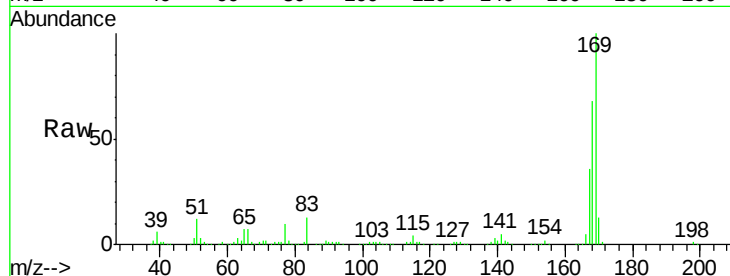
#65
n-Nitrosodiphenylamine
Concen: 41.80 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	515514		
168	68.1	53.2	79.8	
167	36.5	29.5	44.3	

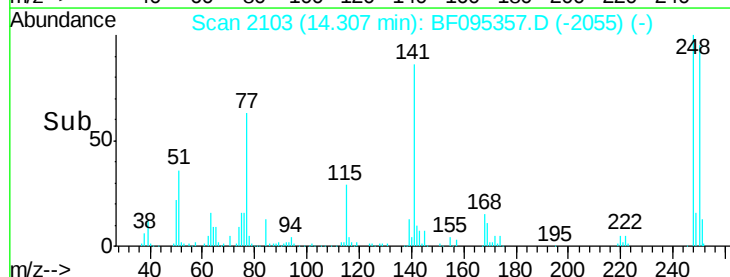
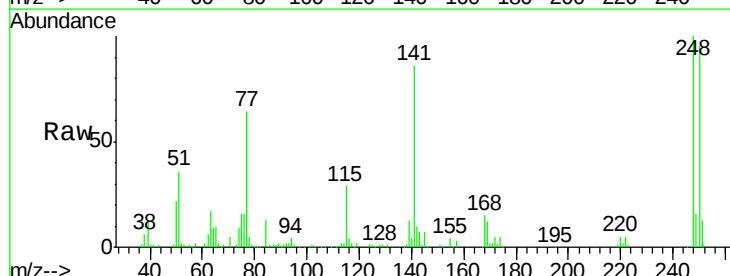
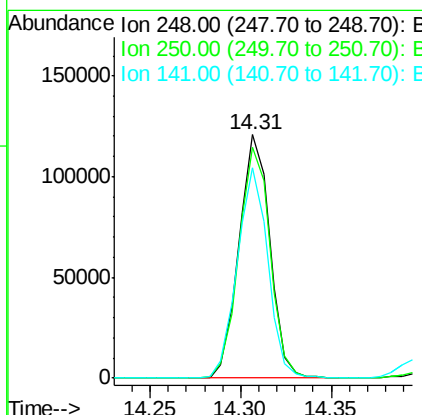
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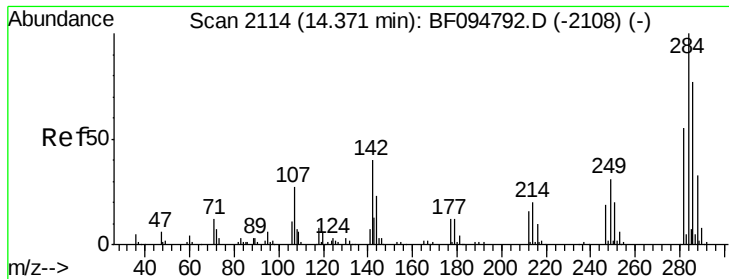
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#66
4-Bromophenyl-phenylether
Concen: 39.80 ng
RT: 14.31 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	142886		
250	94.9	76.8	115.2	
141	86.3	68.6	103.0	





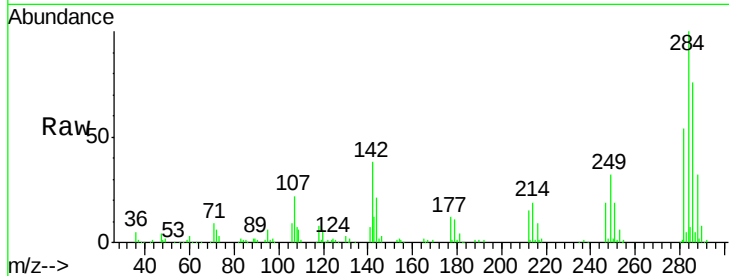
#67
Hexachlorobenzene
Concen: 37.70 ng
RT: 14.40 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

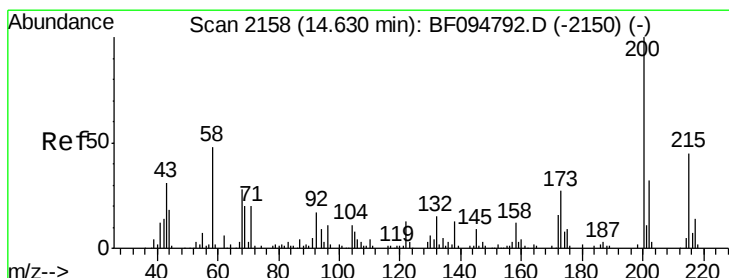
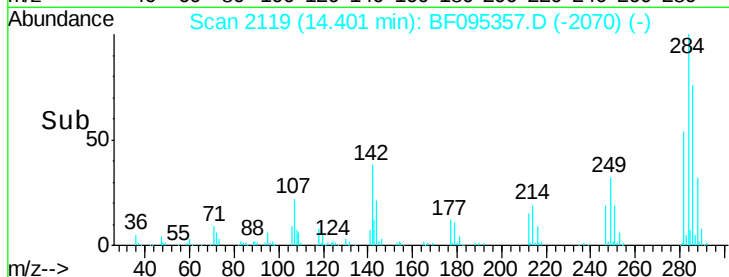
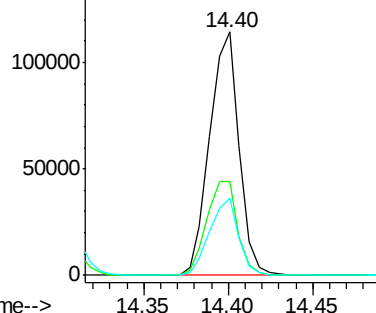
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	138715		
142	38.4	22.8	34.2	#
249	31.5	24.0	36.0	

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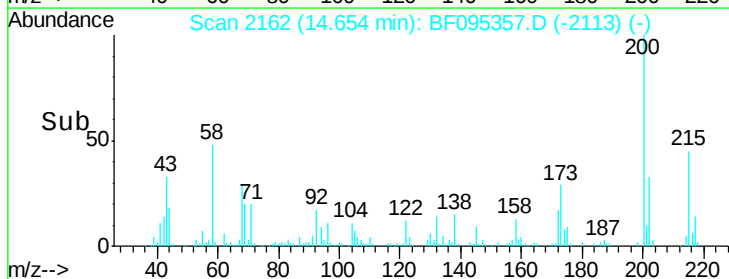
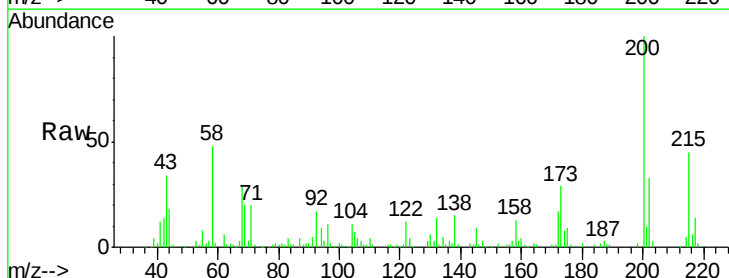
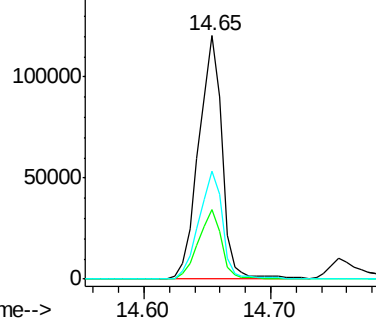
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

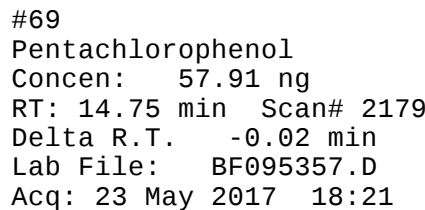


#68
Atrazine
Concen: 44.24 ng
RT: 14.65 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	154057		
173	28.8	6.3	46.3	
215	44.6	27.2	67.2	

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



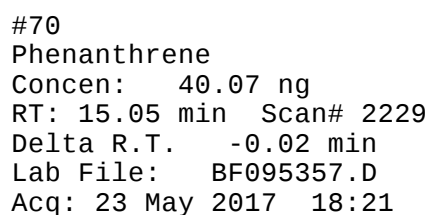
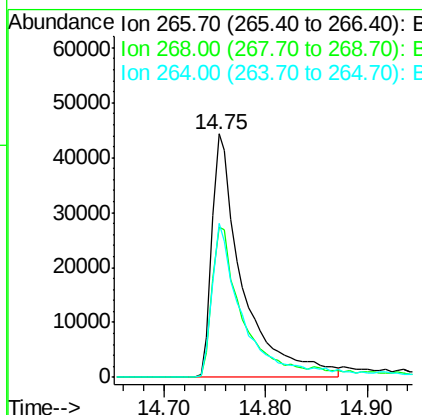
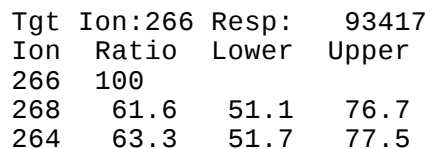


Instrument :
BNA_F

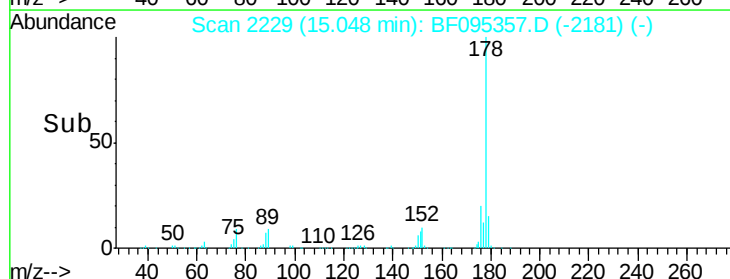
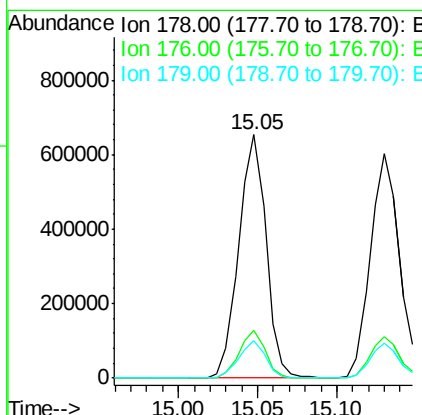
ClientSampleId :
NM4-COMP-6-18MSD

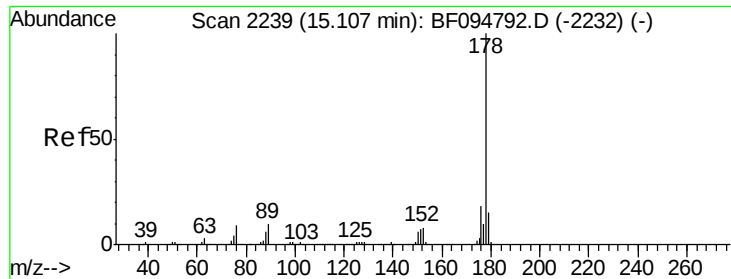
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Tgt	Ion:178	Resp:	782228
Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.4	12.6	19.0





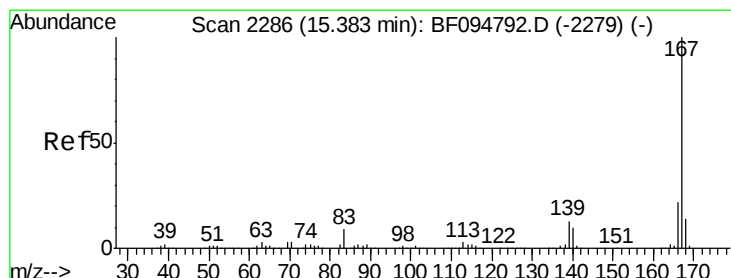
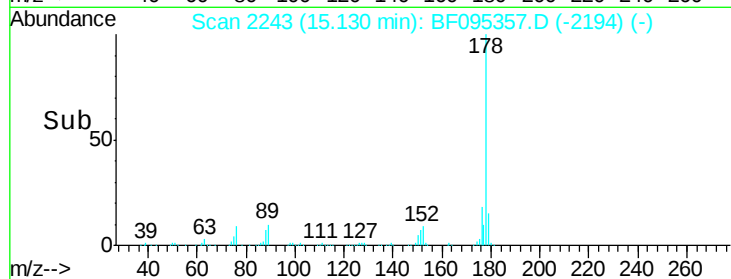
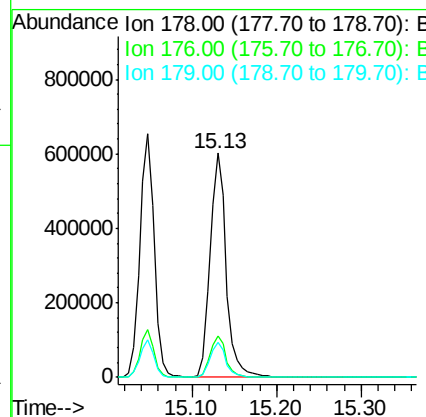
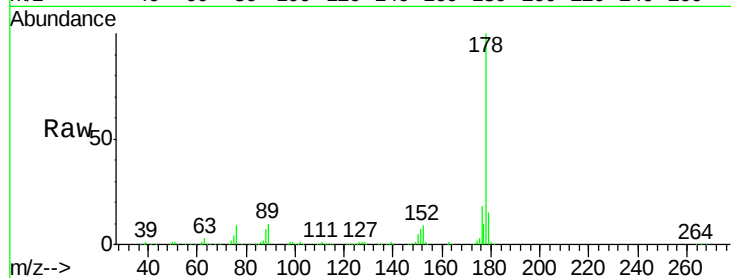
#71
 Anthracene
 Concen: 40.30 ng
 RT: 15.13 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.4	12.7	19.1

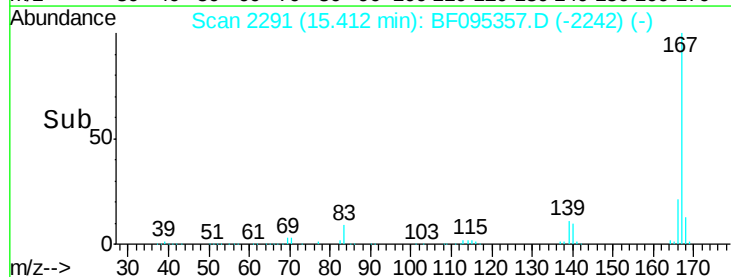
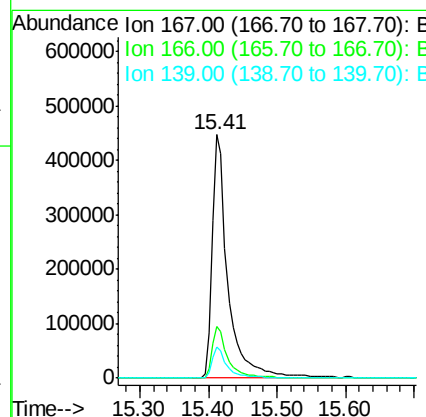
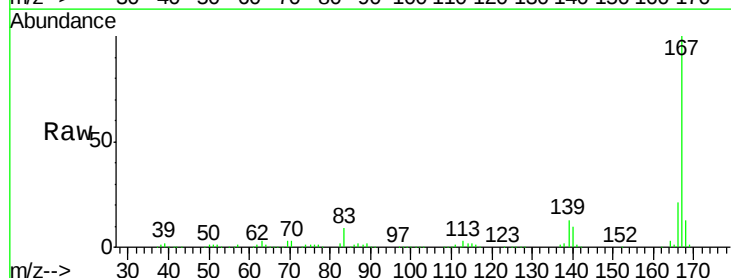
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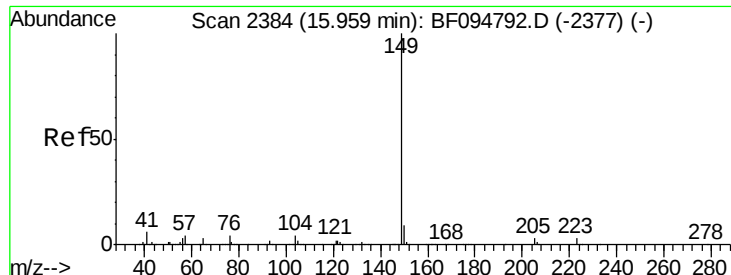
mohammad
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#72
 Carbazole
 Concen: 39.80 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	12.7	11.7	17.5





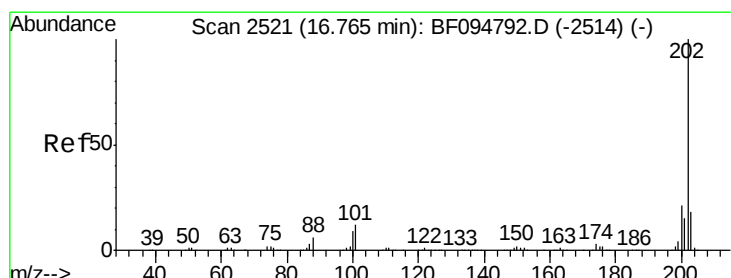
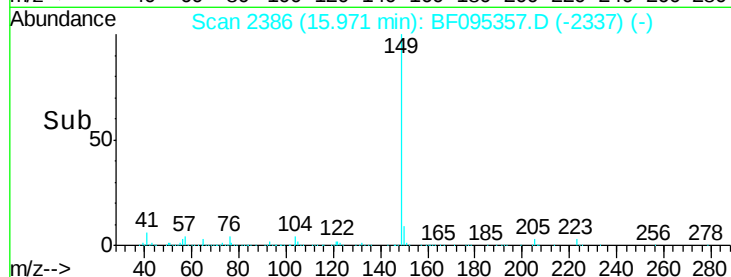
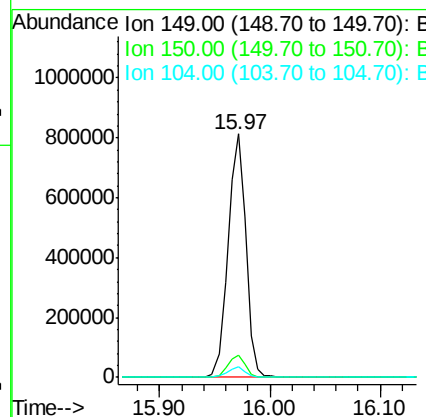
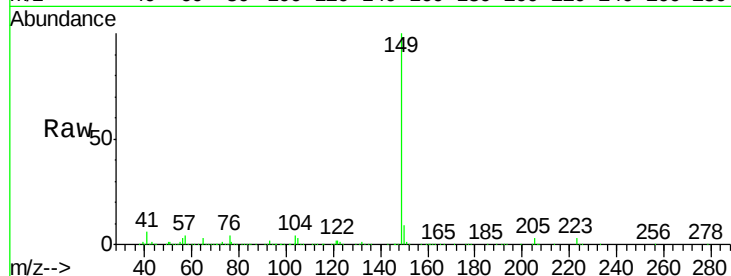
#73
Di-n-butylphthalate
Concen: 40.69 ng
RT: 15.97 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	920805		
150	9.0	7.7	11.5	
104	4.2	4.0	6.0	

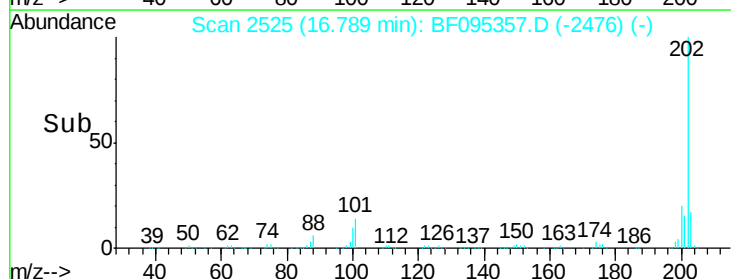
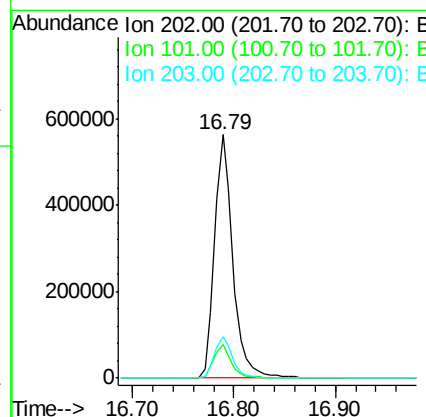
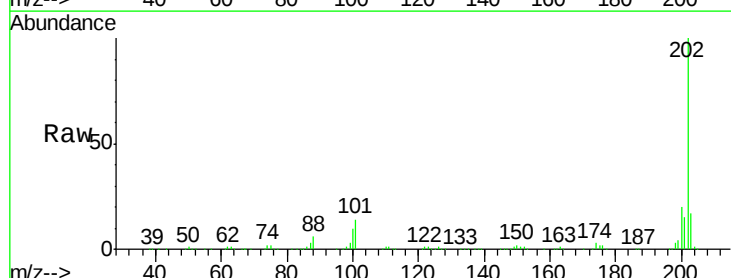
Manual Integrations
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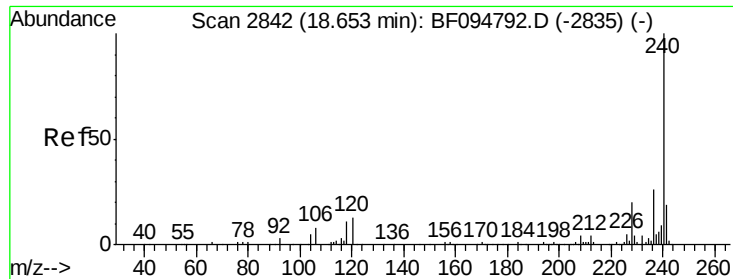
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#74
Fluoranthene
Concen: 35.37 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	708291		
101	14.0	0.0	33.2	
203	17.0	0.0	38.1	





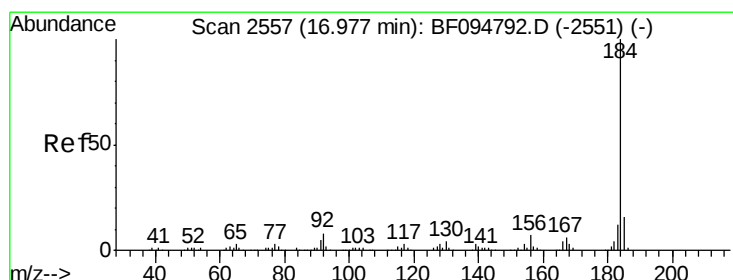
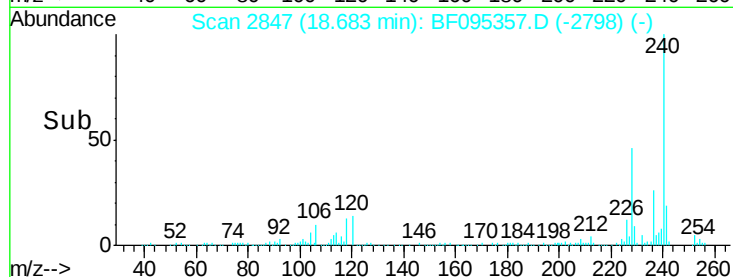
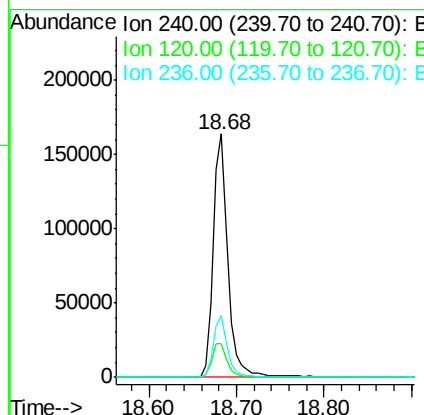
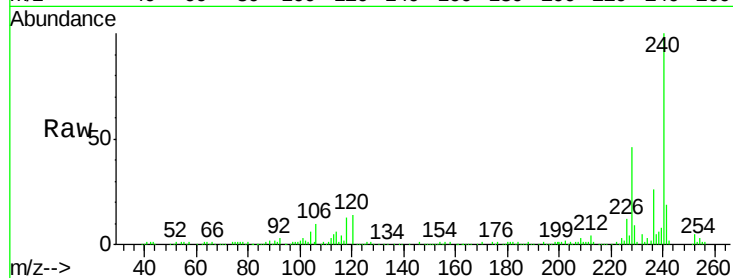
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion: 240 Resp: 191472
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 25.5 20.5 30.7

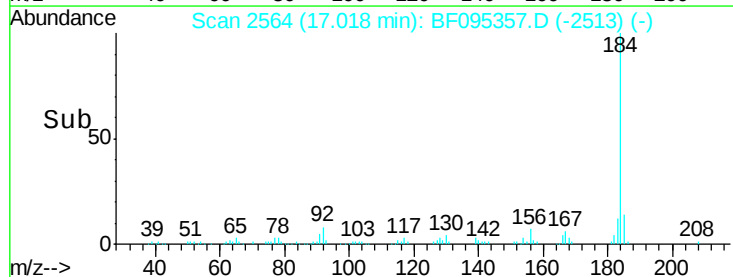
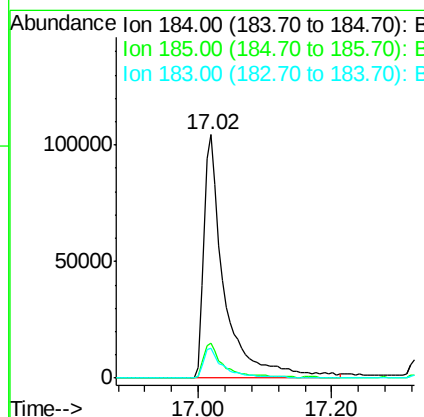
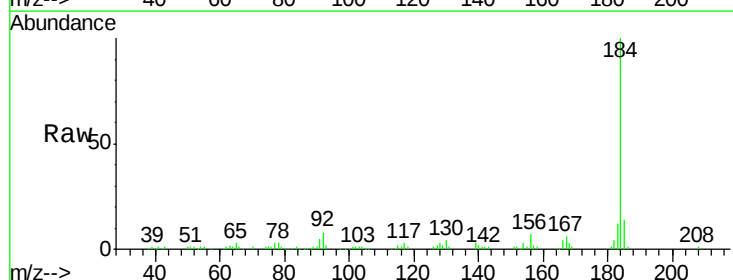
Manual Integrations
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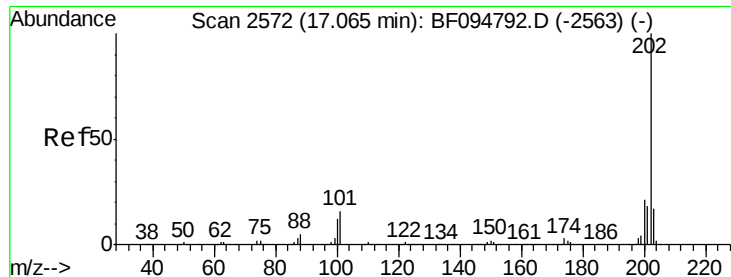
mohammad
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#76
Benzidine
Concen: 43.50 ng
RT: 17.02 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion: 184 Resp: 221569
Ion Ratio Lower Upper
184 100
185 14.3 15.5 23.3#
183 12.5 9.8 14.6





#77

Pyrene

Concen: 48.01 ng

RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

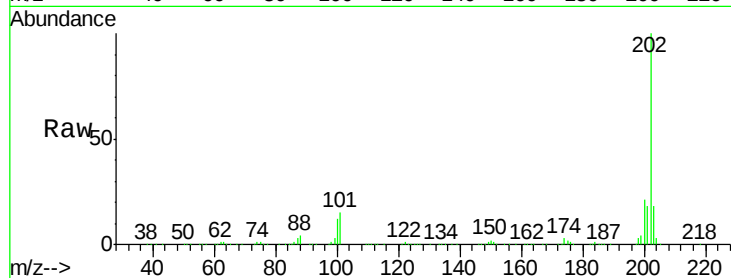
ClientSampleId :

NM4-COMP-6-18MSD

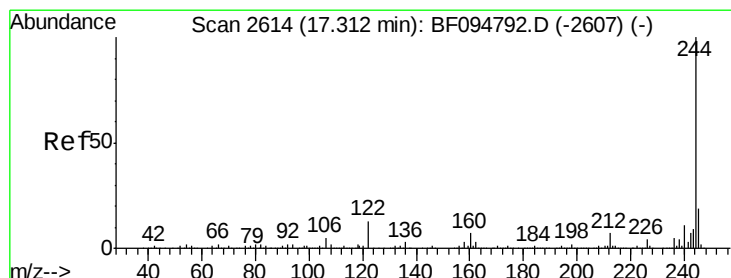
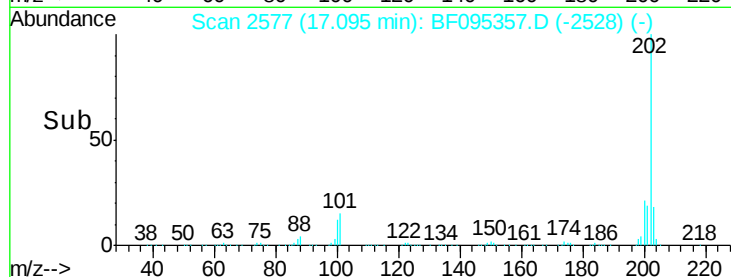
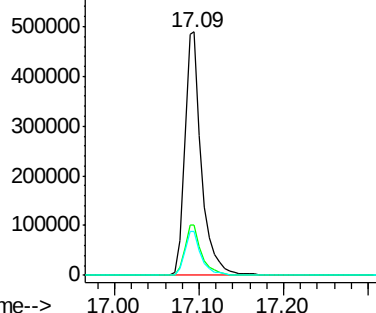
Tgt Ion:	202	Resp:	687555
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.6	26.4
203	18.1	14.4	21.6

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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: 89.53 ng

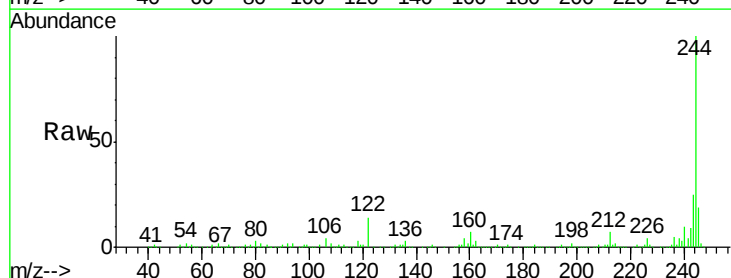
RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

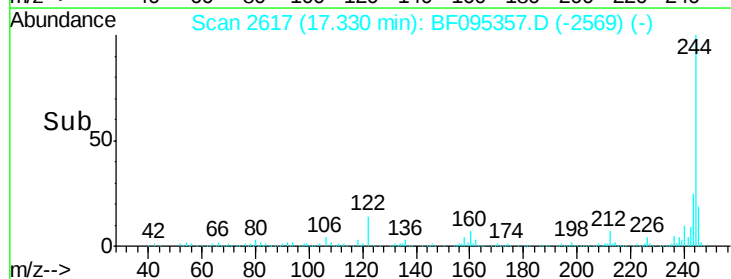
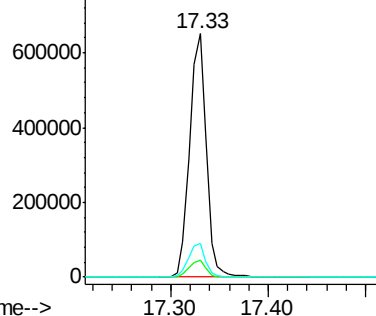
Lab File: BF095357.D

Acq: 23 May 2017 18:21

Tgt Ion:	244	Resp:	778286
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	13.7	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





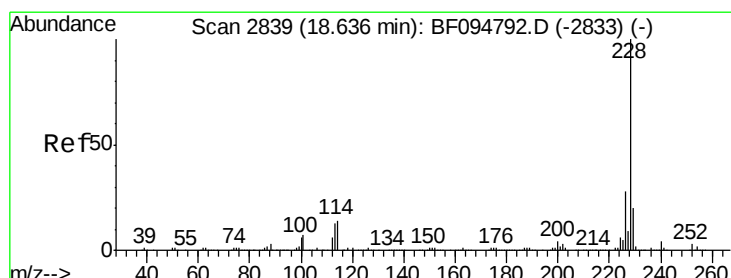
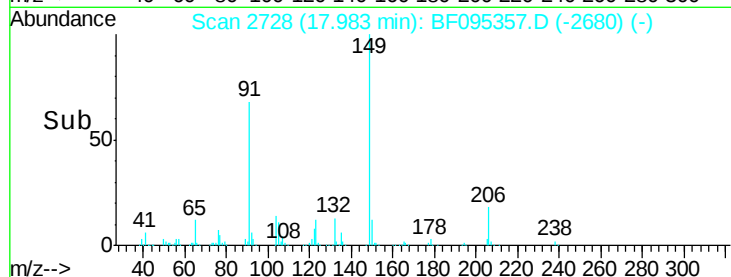
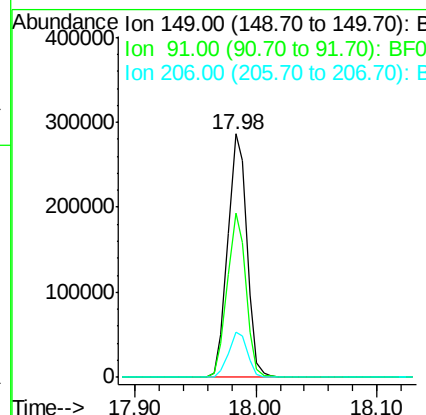
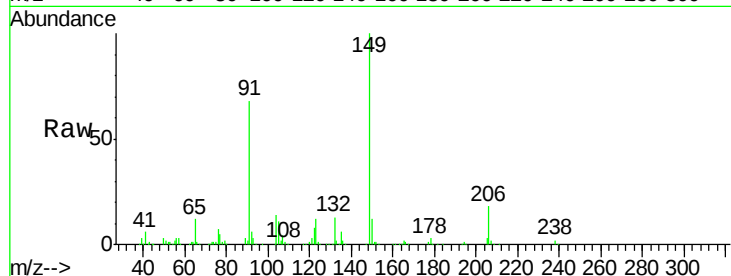
#79
Butylbenzylphthalate
Concen: 47.11 ng
RT: 17.98 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	313792		
91	67.6	45.0	67.4#	
206	18.4	17.0	25.6	

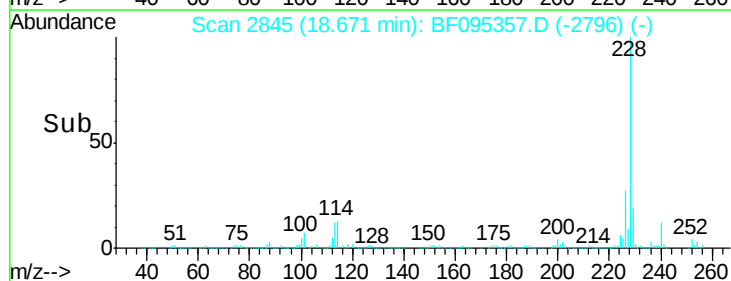
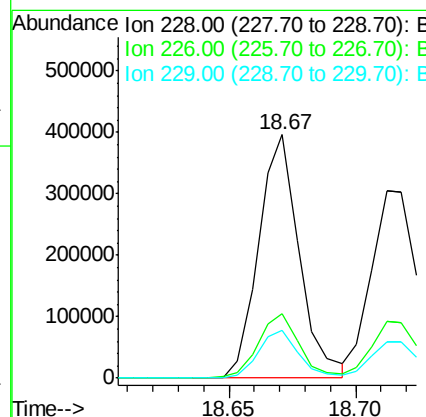
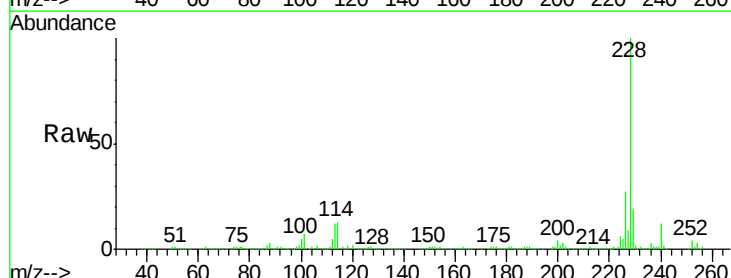
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#80
Benzo(a)anthracene
Concen: 39.78 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	443279		
226	26.7	22.6	33.8	
229	19.4	16.3	24.5	





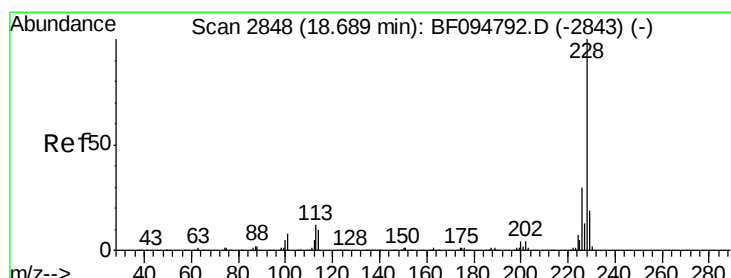
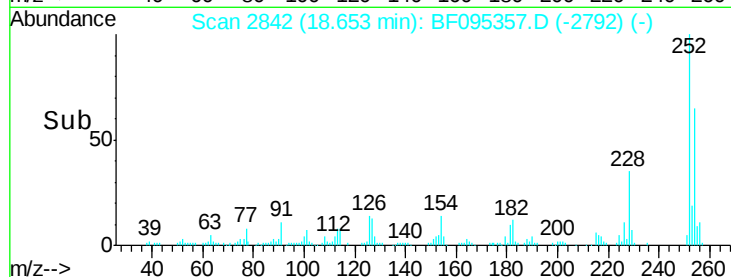
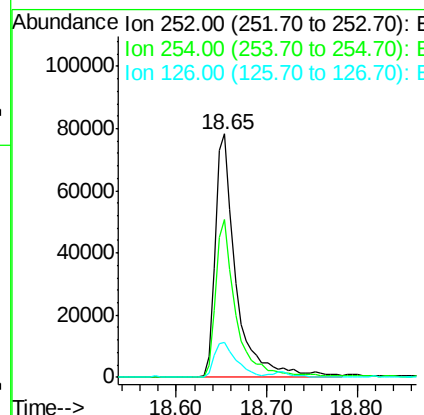
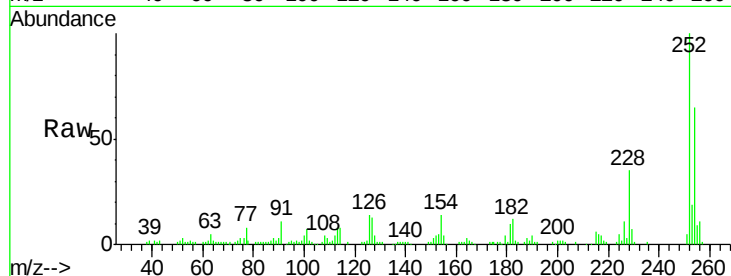
#81
 3,3'-Dichlorobenzidine
 Concen: 32.76 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	14.2	15.8	23.8

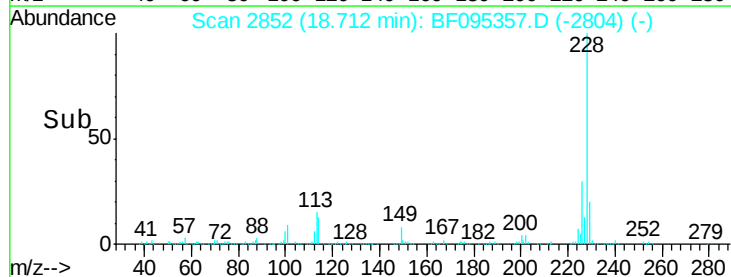
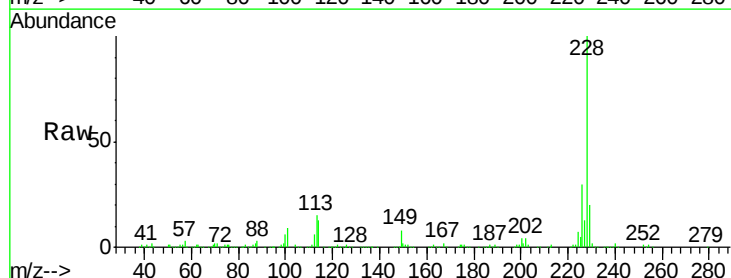
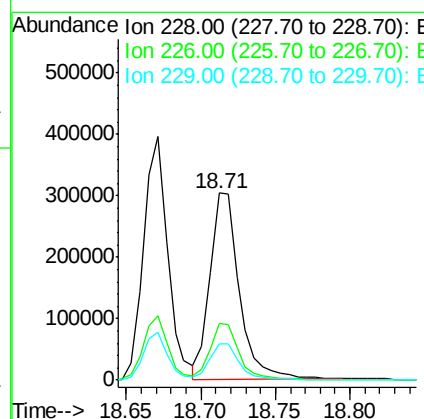
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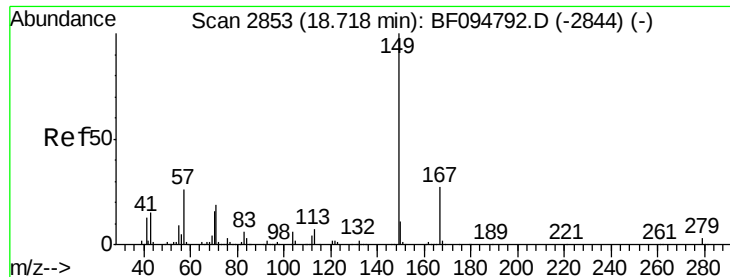
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#82
 Chrysene
 Concen: 38.53 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.6	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.08 ng

RT: 18.73 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Instrument :

BNA_F

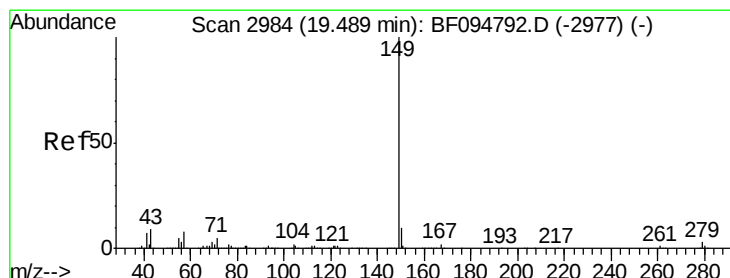
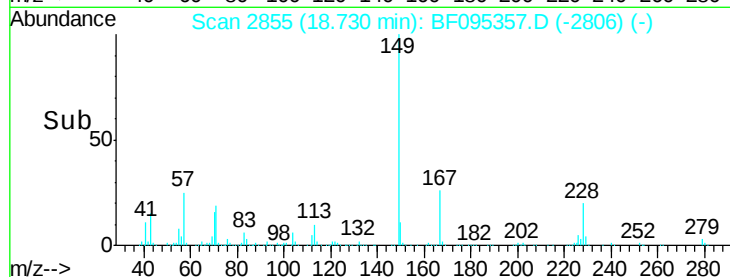
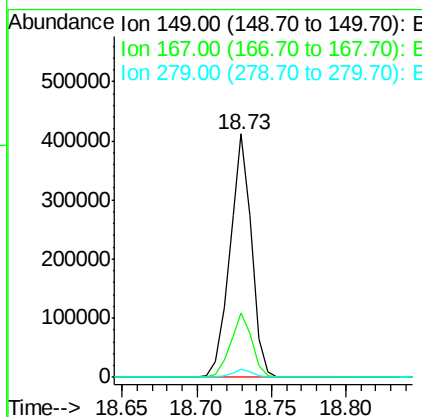
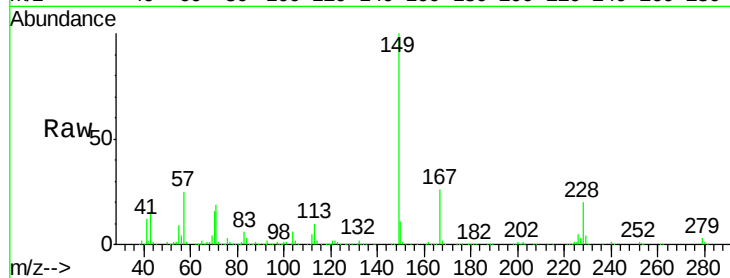
ClientSampleId :

NM4-COMP-6-18MSD

Tgt Ion:	149	Resp:	418354
Ion Ratio		Lower	Upper
149	100		
167	26.3	21.0	31.4
279	3.2	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 40.48 ng

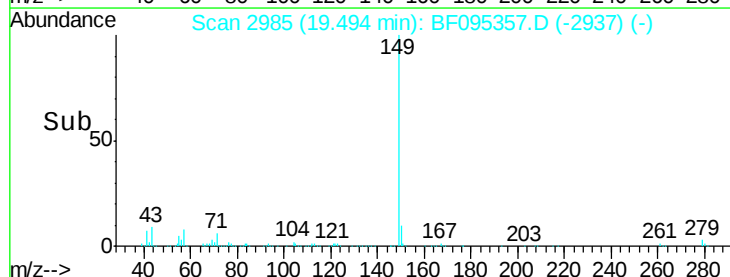
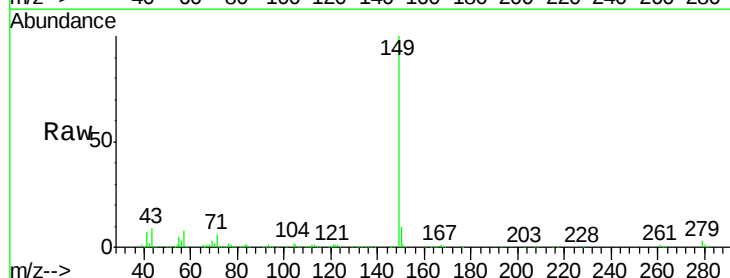
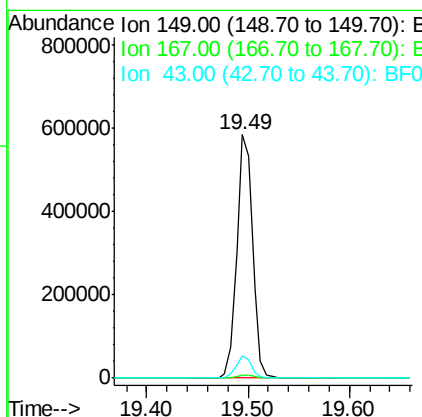
RT: 19.49 min Scan# 2985

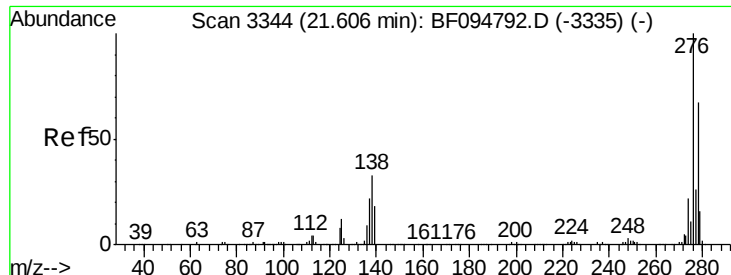
Delta R.T. -0.02 min

Lab File: BF095357.D

Acq: 23 May 2017 18:21

Tgt Ion:	149	Resp:	629853
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.6	8.5	12.7





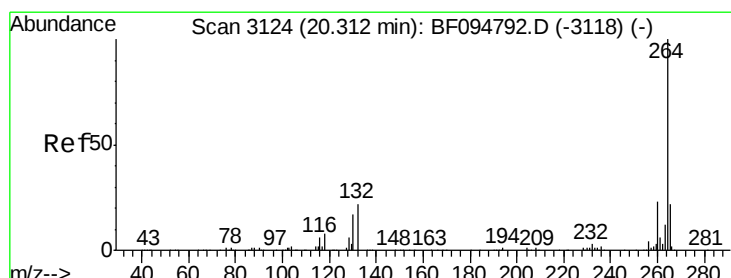
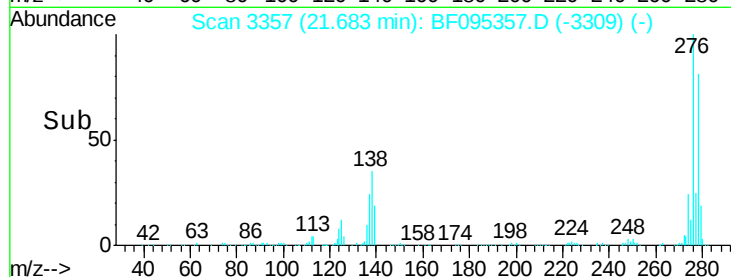
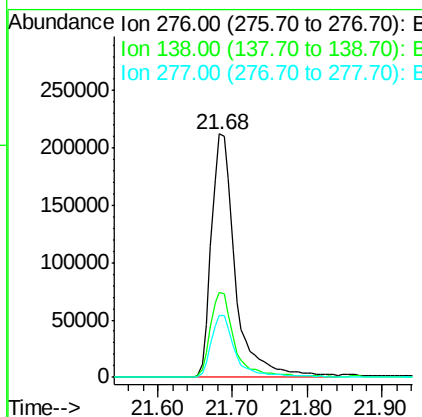
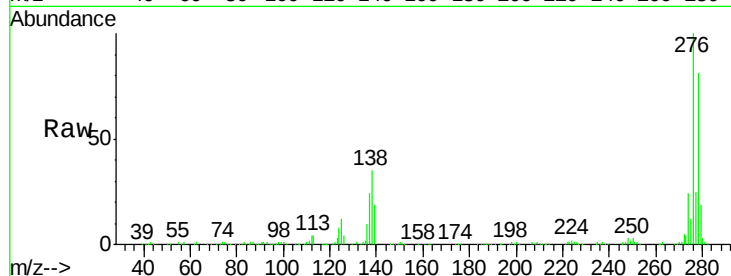
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.28 ng
 RT: 21.68 min Scan# 3357
 Delta R.T. -0.02 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.7	20.2	30.4

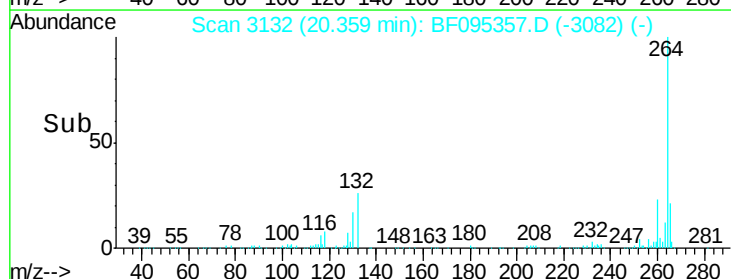
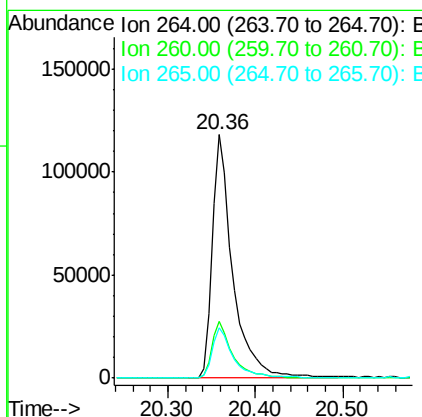
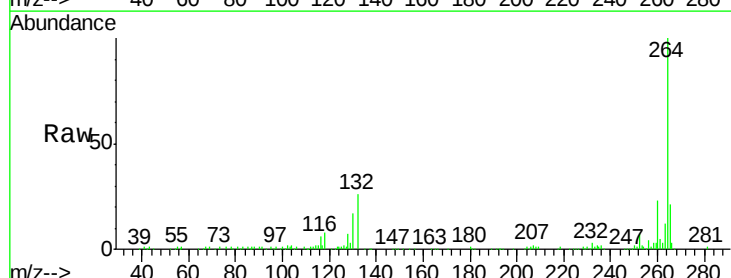
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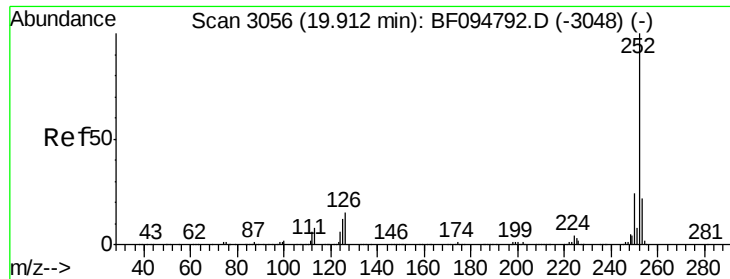
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.6	17.2	25.8





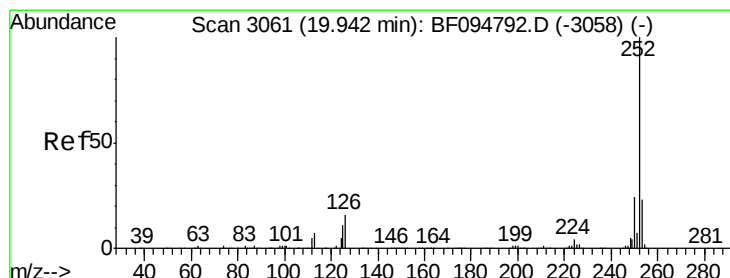
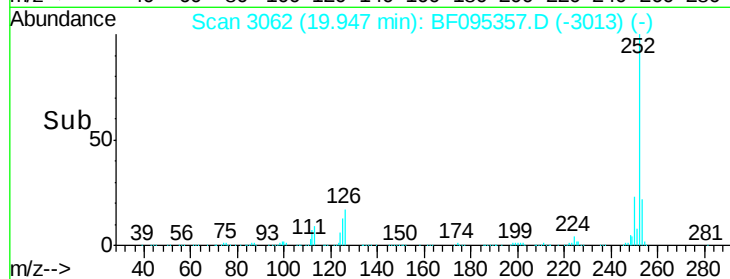
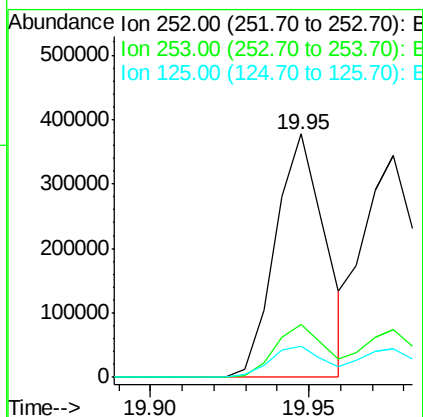
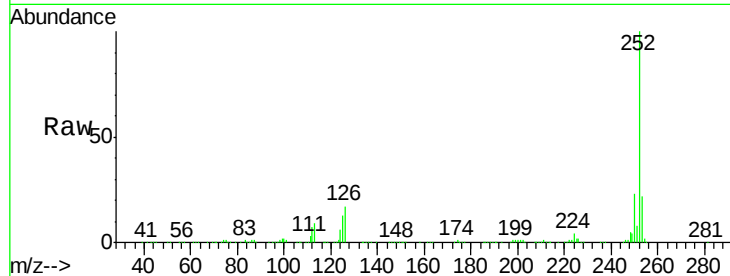
#87
Benzo(b)fluoranthene
Concen: 34.68 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	12.9	9.8	14.8

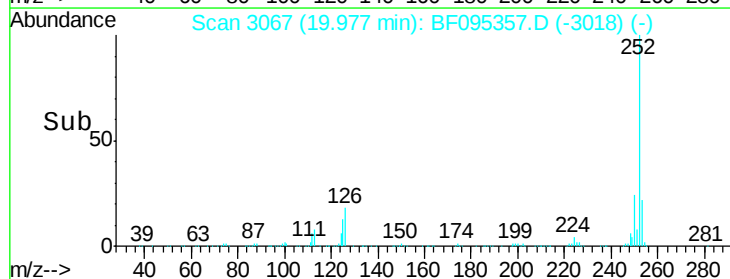
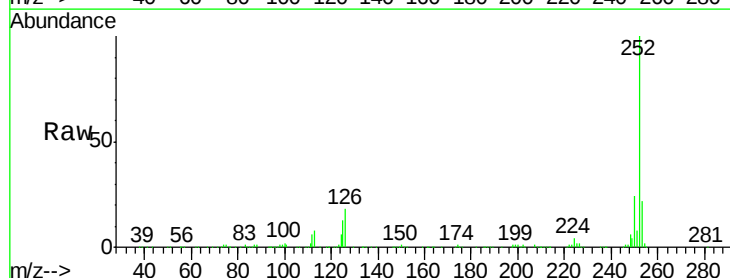
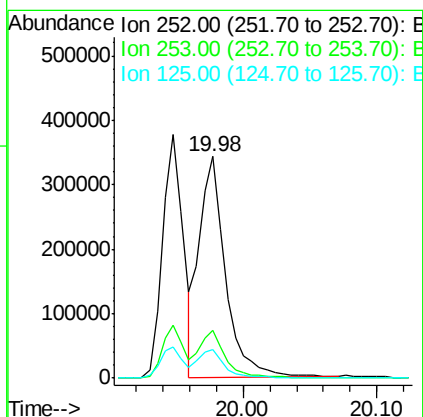
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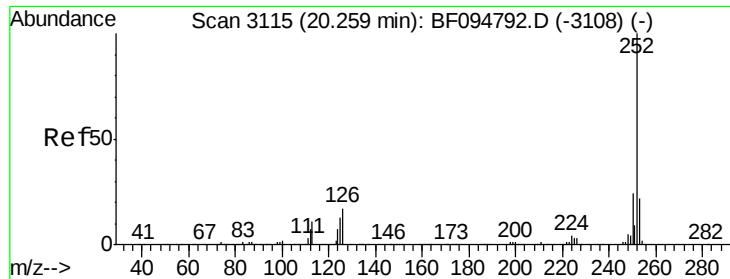
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#88
Benzo(k)fluoranthene
Concen: 40.55 ng
RT: 19.98 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	13.2	13.1	19.7





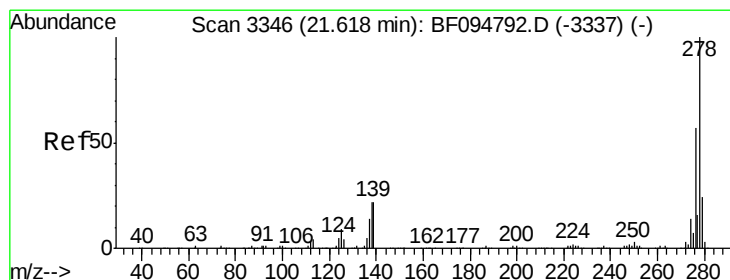
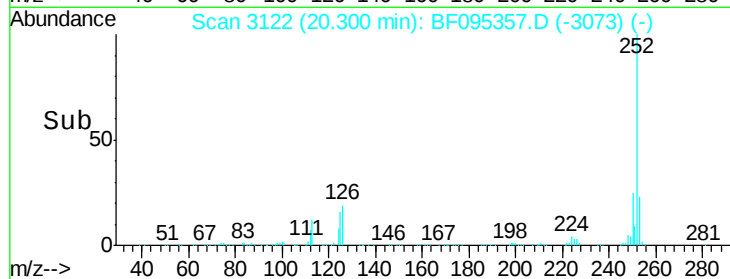
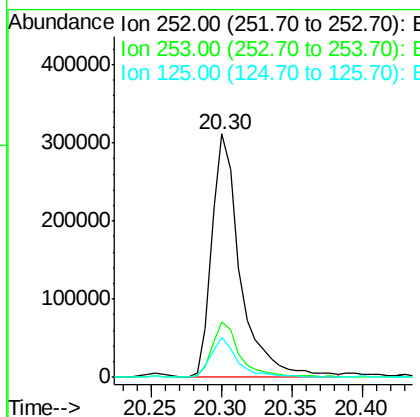
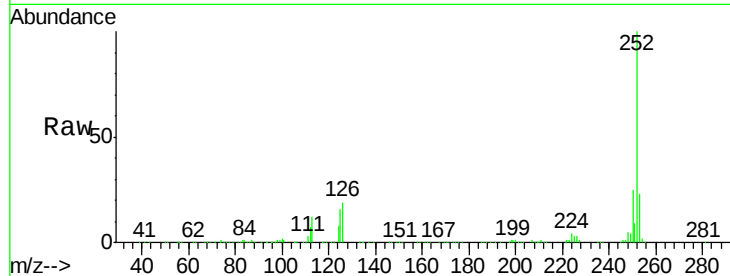
#89
Benzo(a)pyrene
Concen: 39.43 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Instrument :
BNA_F
ClientSampleId :
NM4-COMP-6-18MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	16.4	11.0	16.4

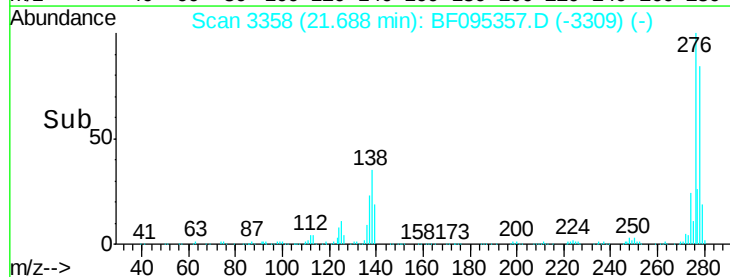
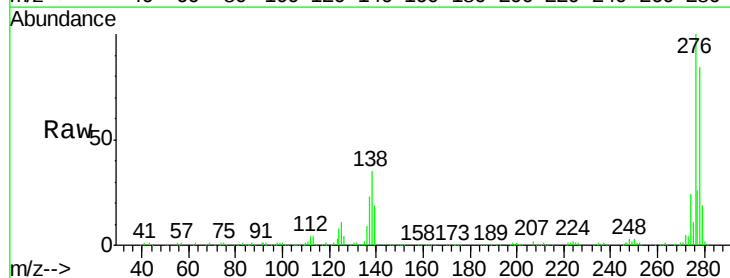
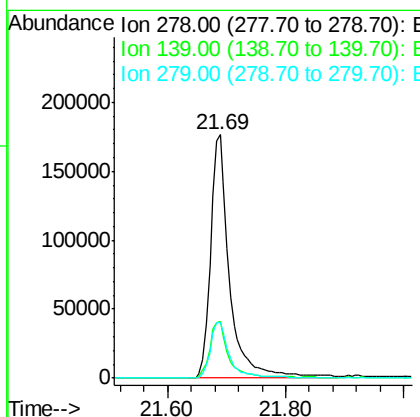
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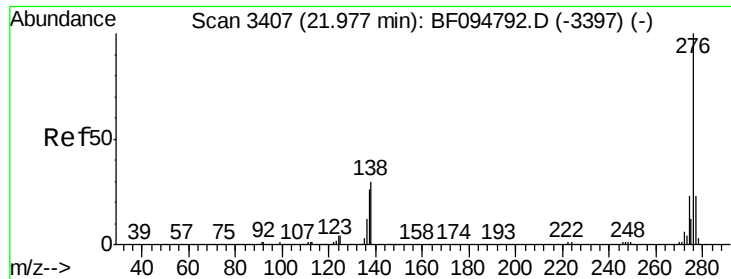
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#90
Dibenzo(a,h)anthracene
Concen: 43.79 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095357.D
Acq: 23 May 2017 18:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	16.6	24.8
279	22.9	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 44.60 ng
 RT: 22.07 min Scan# 3423
 Delta R.T. -0.01 min
 Lab File: BF095357.D
 Acq: 23 May 2017 18:21

Instrument :
 BNA_F
 ClientSampleId :
 NM4-COMP-6-18MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.2	18.6	28.0
138	31.0	25.4	38.0

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