

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095026.D
 Acq On : 9 May 2017 17:26
 Operator : SJ/MA
 Sample : PB98769BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BS

Manual Integrations
 APPROVED

mohammad
 5/10/2017 11:47:07 AM

Quant Time: May 10 01:38:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	98412	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	413678	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	191149	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	308493	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	280588	20.00	ng	-0.02
86) Perylene-d12	20.29	264	203195	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	665595	112.76	ng	-0.01
7) Phenol-d6	7.26	99	870825	122.96	ng	-0.02
23) Nitrobenzene-d5	8.62	82	515708	78.61	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	185341	118.39	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1025541	77.22	ng	-0.02
78) Terphenyl-d14	17.29	244	940121	73.80	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	91753	31.69	ng	95
3) Pyridine	2.82	79	207002	30.85	ng	96
4) n-Nitrosodimethylamine	2.74	42	97019	34.69	ng	# 78
6) Aniline	7.22	93	169488	18.96	ng	95
8) 2-Chlorophenol	7.40	128	280751	41.79	ng	97
9) Benzaldehyde	7.05	77	29768	6.88	ng	99
10) Phenol	7.28	94	308623	41.35	ng	89
11) bis(2-Chloroethyl)ether	7.35	93	239794	38.92	ng	96
12) 1,3-Dichlorobenzene	7.62	146	290608	38.13	ng	99
13) 1,4-Dichlorobenzene	7.74	146	295218	38.20	ng	96
14) 1,2-Dichlorobenzene	7.97	146	279473	38.74	ng	96
15) Benzyl Alcohol	8.00	79	217320	47.71	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	324500	37.21	ng	70
17) 2-Methylphenol	8.21	107	220047	40.02	ng	94
18) Hexachloroethane	8.50	117	97691	37.31	ng	89
19) n-Nitroso-di-n-propylamine	8.42	70	188286	39.31	ng	91
20) 3+4-Methylphenols	8.48	107	297996	39.89	ng	# 61
22) Acetophenone	8.38	105	381001	38.39	ng	# 84
24) Nitrobenzene	8.64	77	267151	38.85	ng	94
25) Isophorone	9.04	82	477872	40.79	ng	96
26) 2-Nitrophenol	9.15	139	151315	40.78	ng	99
27) 2,4-Dimethylphenol	9.28	122	248889	41.49	ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	313809	38.72	ng	99
29) 2,4-Dichlorophenol	9.57	162	241268	42.59	ng	96
30) 1,2,4-Trichlorobenzene	9.66	180	229469	37.81	ng	98
31) Naphthalene	9.77	128	779598	37.50	ng	99
32) Benzoic acid	9.60	122	125901	33.66	ng	97
33) 4-Chloroaniline	9.93	127	53687	6.93	ng	# 90
34) Hexachlorobutadiene	9.98	225	116086	36.25	ng	98
35) Caprolactam	10.54	113	75056m	44.13	ng	
36) 4-Chloro-3-methylphenol	10.76	107	247623	40.89	ng	88
37) 2-Methylnaphthalene	10.89	142	544321	39.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	209217	35.59	ng	99
40) Hexachlorocyclopentadiene	11.15	237	170333	69.76	ng	98

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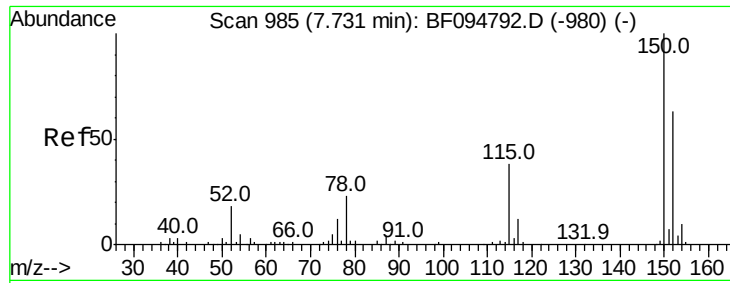
Manual Integrations
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 5/10/2017 11:47:07 AM

Quant Time: May 10 01:38:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	156579	39.89	nq	96
43) 2,4,5-Trichlorophenol	11.48	196	162374	38.49	nq	# 93
45) 1,1'-Biphenyl	11.66	154	617587	38.37	nq	99
46) 2-Chloronaphthalene	11.67	162	493294	37.96	nq	95
47) 2-Nitroaniline	11.88	65	127661	35.89	nq	# 82
48) Acenaphthylene	12.33	152	801147	39.36	nq	99
49) Dimethylphthalate	12.21	163	597628	38.08	nq	100
50) 2,6-Dinitrotoluene	12.30	165	129628	40.49	nq	92
51) Acenaphthene	12.61	154	472998	38.91	nq	99
52) 3-Nitroaniline	12.57	138	62165	18.09	nq	89
53) 2,4-Dinitrophenol	12.77	184	102317	59.74	nq	# 66
54) Dibenzofuran	12.90	168	703448	41.81	nq	98
55) 4-Nitrophenol	12.94	139	184031	89.17	nq	# 72
56) 2,4-Dinitrotoluene	12.96	165	178369	43.36	nq	# 88
57) Fluorene	13.46	166	582905	39.85	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	124607	46.94	nq	95
59) Diethylphthalate	13.35	149	562565	37.40	nq	99
60) 4-Chlorophenyl-phenylether	13.48	204	256324	39.87	nq	88
61) 4-Nitroaniline	13.57	138	123924	39.29	nq	96
62) Azobenzene	13.74	77	497031	41.12	nq	94
64) 4,6-Dinitro-2-methylphenol	13.62	198	81236	39.28	nq	# 68
65) n-Nitrosodiphenylamine	13.69	169	451616	40.34	nq	98
66) 4-Bromophenyl-phenylether	14.27	248	142675	43.78	nq	97
67) Hexachlorobenzene	14.35	284	141794	42.45	nq	# 85
68) Atrazine	14.61	200	146315	46.28	nq	98
69) Pentachlorophenol	14.70	266	115417	76.69	nq	94
70) Phenanthrene	15.00	178	706813	39.88	nq	99
71) Anthracene	15.08	178	739752	40.86	nq	99
72) Carbazole	15.37	167	692335	42.03	nq	98
73) Di-n-butylphthalate	15.93	149	890082	43.33	nq	100
74) Fluoranthene	16.74	202	845779	46.52	nq	99
76) Benzidine	16.96	184	220239	31.63	nq	# 93
77) Pyrene	17.04	202	865172	41.23	nq	99
79) Butylbenzylphthalate	17.95	149	400209	41.00	nq	89
80) Benzo(a)anthracene	18.62	228	664689	40.70	nq	99
81) 3,3'-Dichlorobenzidine	18.60	252	138421	24.54	nq	# 95
82) Chrysene	18.67	228	613010	38.82	nq	100
83) Bis(2-ethylhexyl)phthalate	18.69	149	569197	40.93	nq	# 100
84) Di-n-octyl phthalate	19.46	149	876916	38.46	nq	96
85) Indeno(1,2,3-cd)pyrene	21.58	276	447926	34.93	nq	99
87) Benzo(b)fluoranthene	19.89	252	476220	37.93	nq	98
88) Benzo(k)fluoranthene	19.92	252	474121	39.15	nq	# 94
89) Benzo(a)pyrene	20.24	252	480520	41.47	nq	98
90) Dibenzo(a,h)anthracene	21.59	278	367288	38.39	nq	98
91) Benzo(g,h,i)perylene	21.95	276	351719	37.46	nq	98

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



#1

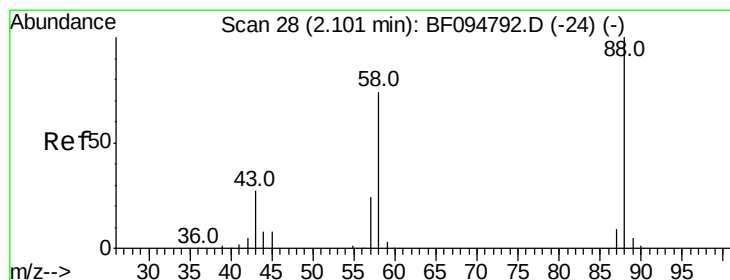
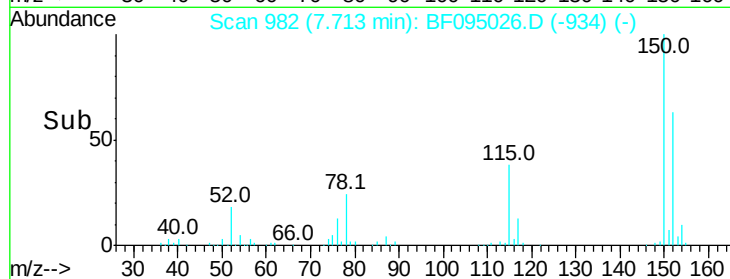
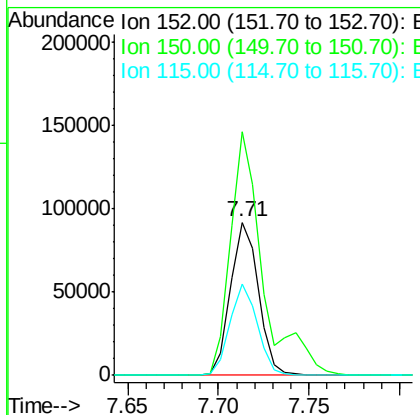
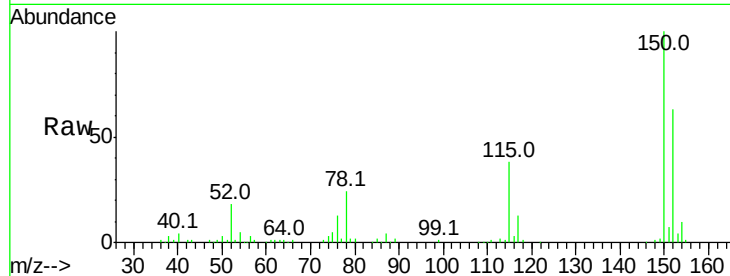
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	59.8	52.2	78.2

Manual Integrations
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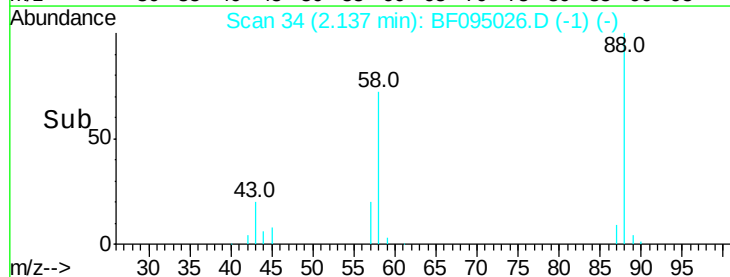
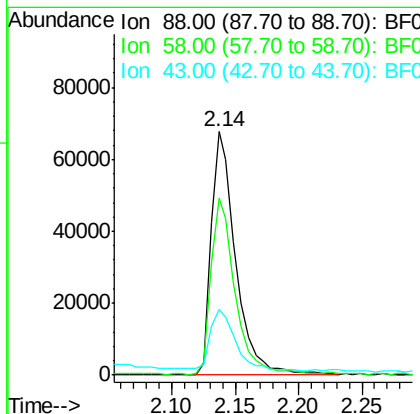
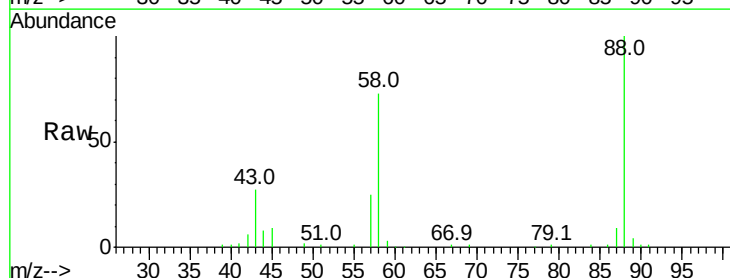
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5/10/2017 11:47:07 AM

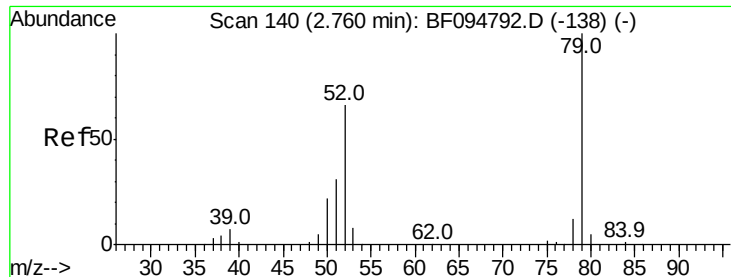


#2

1,4-Dioxane
Concen: 31.69 ng
RT: 2.14 min Scan# 34
Delta R.T. 0.04 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.3	61.4	92.0
43	26.3	23.4	35.0





#3

Pvridine

Concen: 30.85 ng

RT: 2.82 min Scan# 150

Delta R.T. 0.06 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

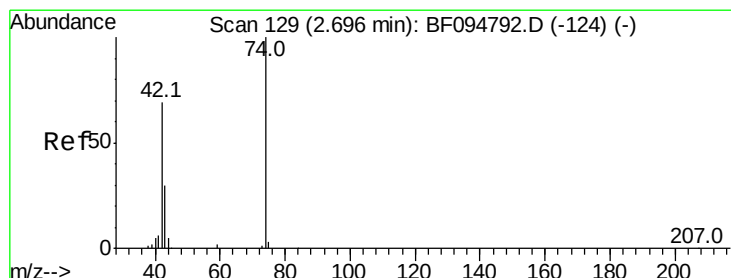
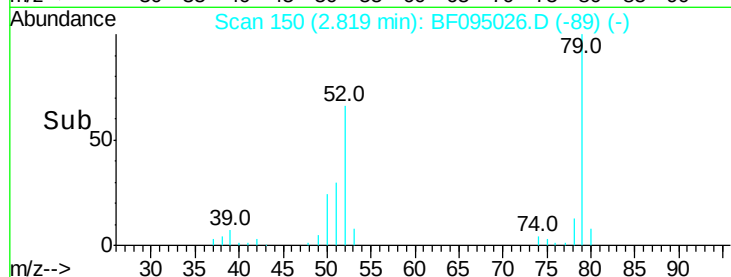
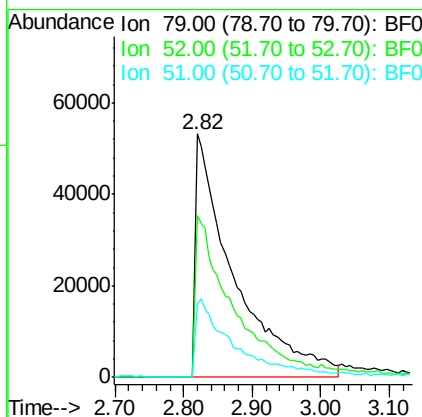
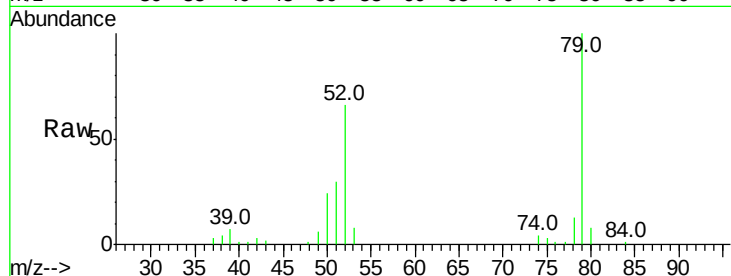
ClientSampleId :

PB98769BS

Tot Ion:	79	Resp:	207002
Ion	Ratio	Lower	Upper
79	100		
52	66.4	54.8	82.2
51	30.2	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.69 ng

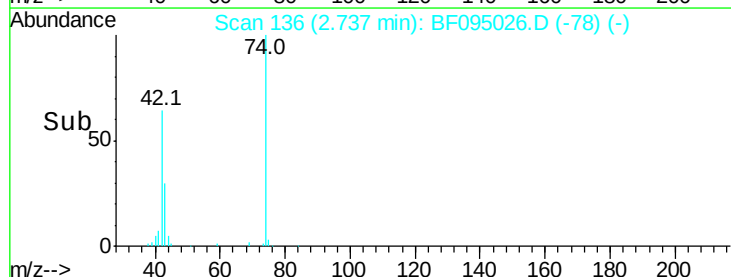
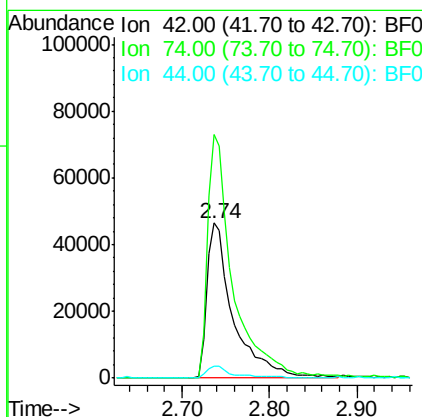
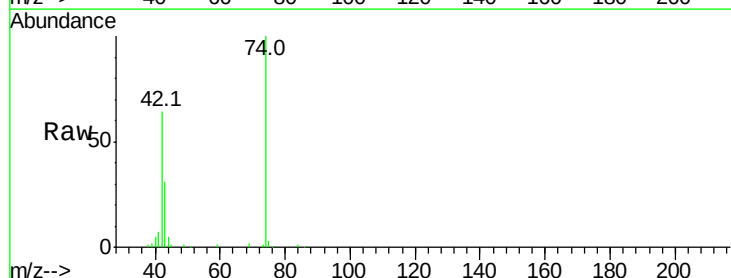
RT: 2.74 min Scan# 136

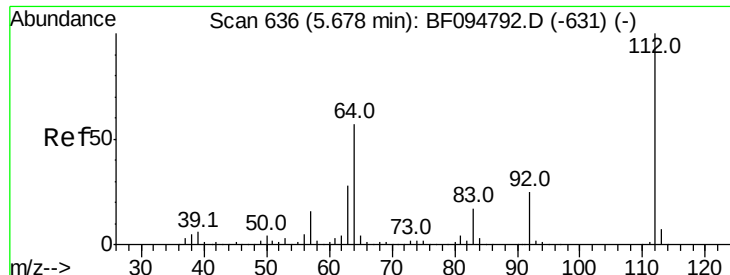
Delta R.T. 0.04 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Tgt Ion:	42	Resp:	97019
Ion	Ratio	Lower	Upper
42	100		
74	157.3	103.9	155.9#
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 112.76 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

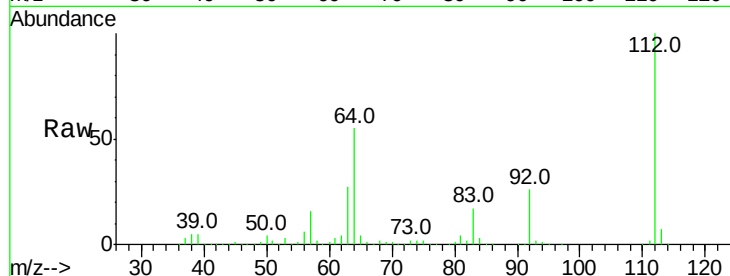
ClientSampled :

PB98769BS

Tot Ion:	112	Resp:	665595
Ion Ratio	Lower	Upper	
112	100		
64	55.2	46.0	69.0
63	27.2	23.4	35.0

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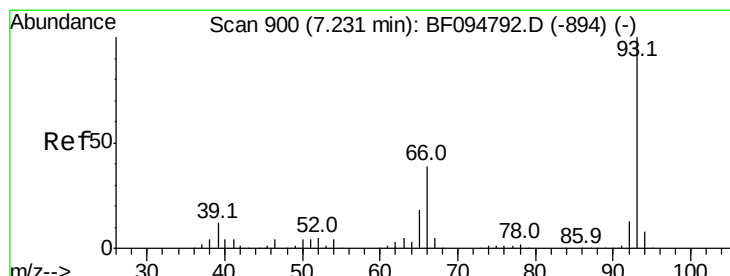
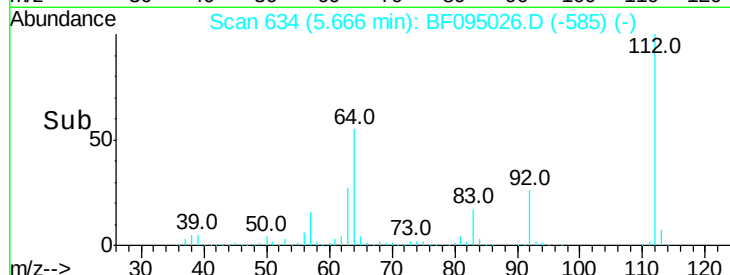
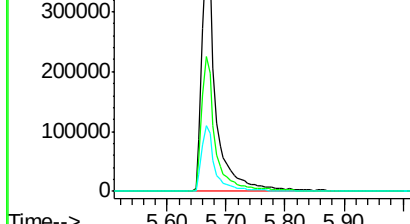
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.96 ng

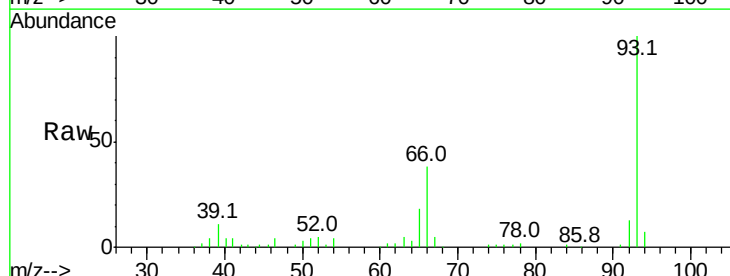
RT: 7.22 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

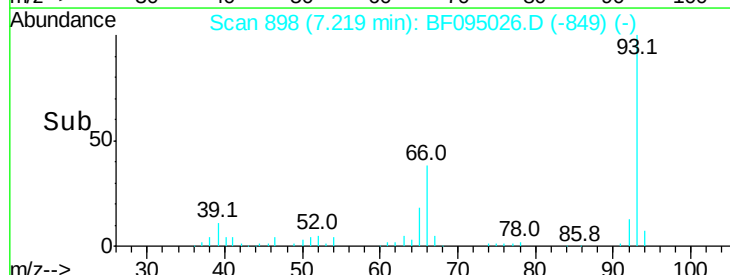
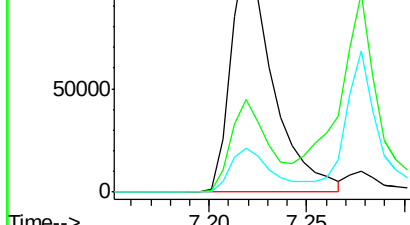
Tgt Ion:	93	Resp:	169488
Ion Ratio	Lower	Upper	
93	100		
66	37.8	32.9	49.3
65	18.0	16.0	24.0

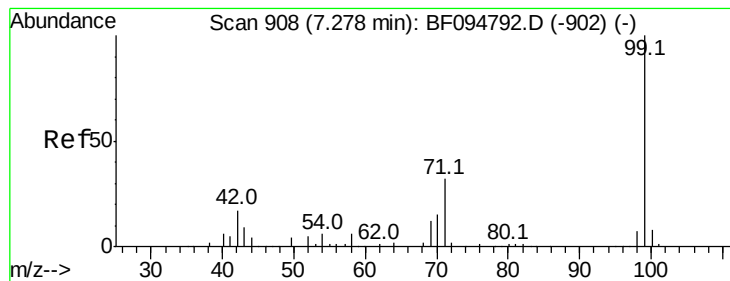


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.96 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

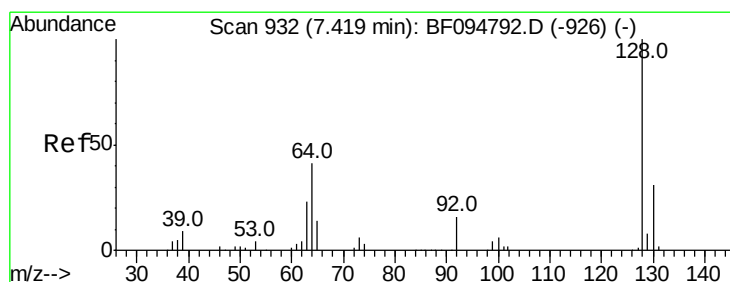
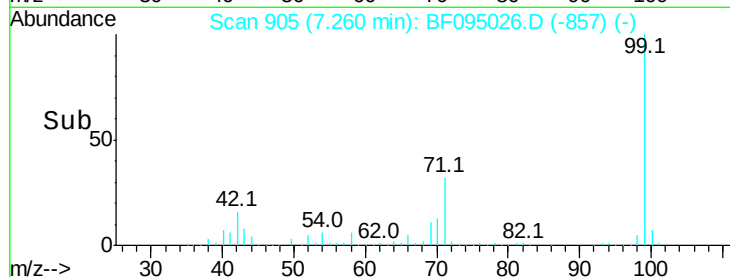
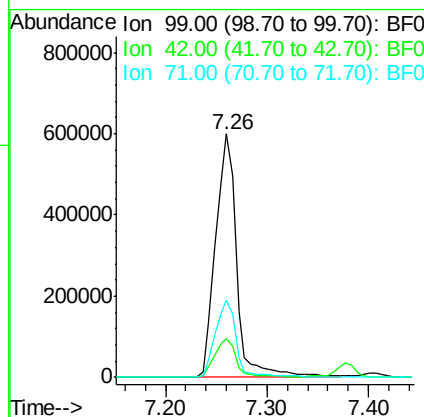
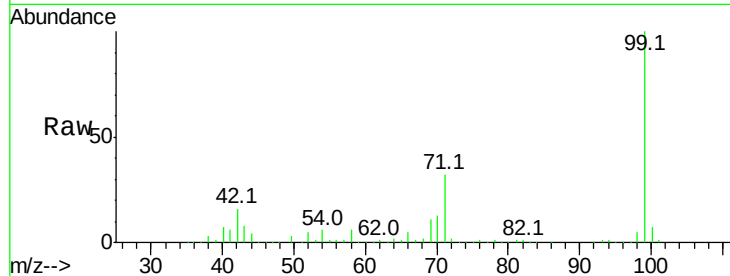
ClientSampleId :

PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
99	100	870825		
42	16.2		13.5	20.3
71	31.8		24.5	36.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.79 ng

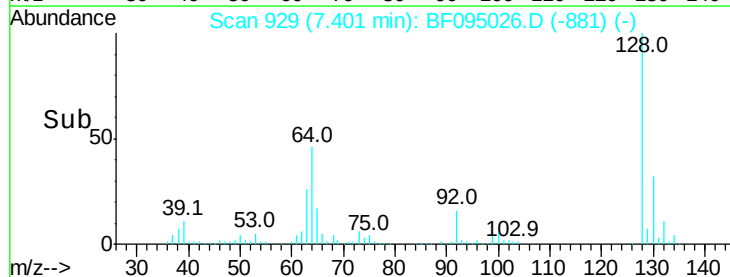
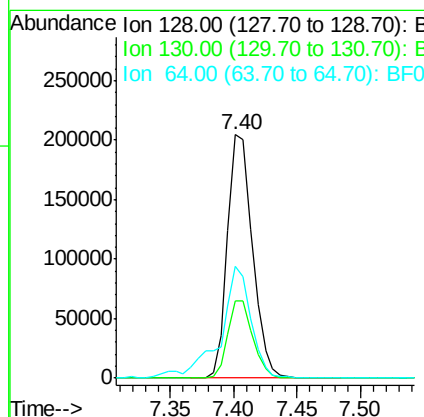
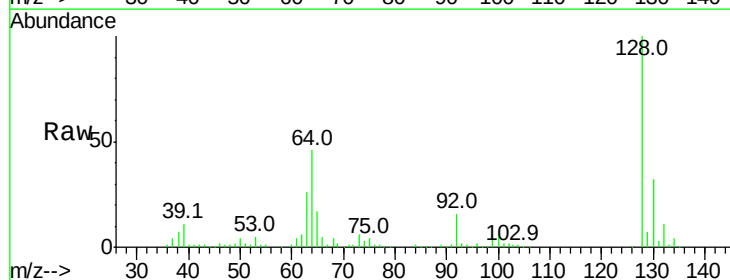
RT: 7.40 min Scan# 929

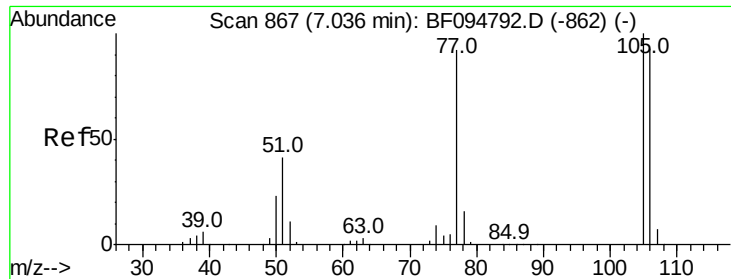
Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	280751		
130	31.9		12.9	52.9
64	46.0		28.4	68.4





#9

Benzaldehyde

Concen: 6.88 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

PB98769BS

Tot Ion: 77 Resp: 29768

Ion Ratio Lower Upper

77 100

105 103.5 83.8 123.8

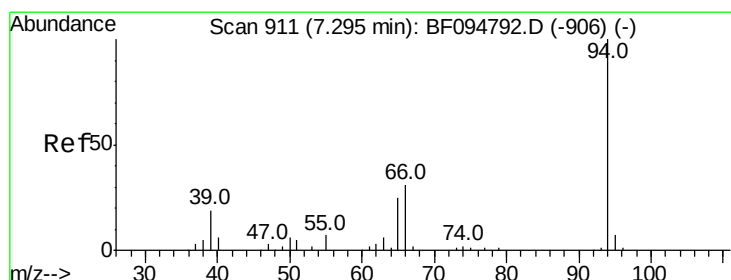
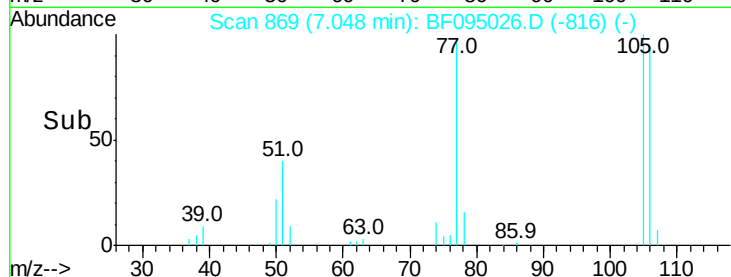
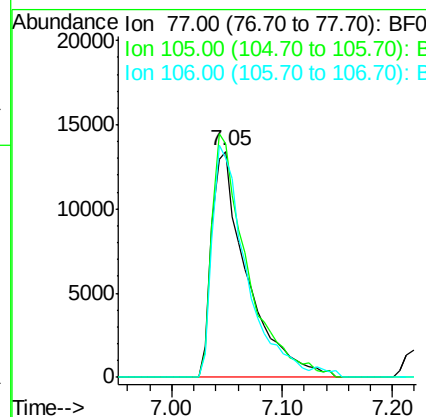
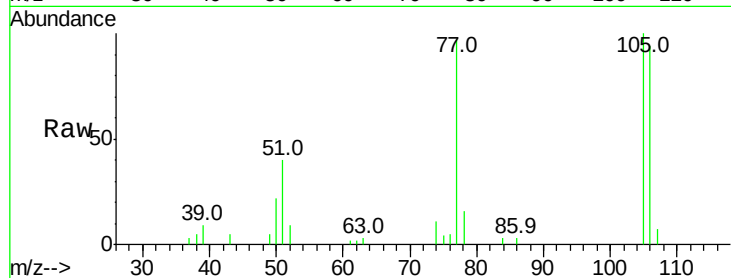
106 97.1 79.1 119.1

Manual Integrations

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#10

Phenol

Concen: 41.35 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

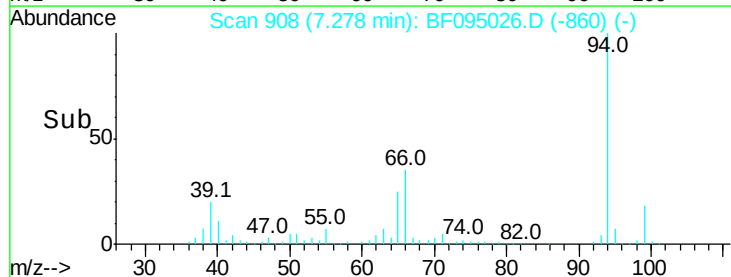
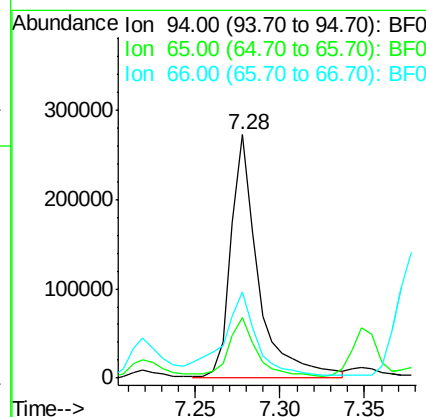
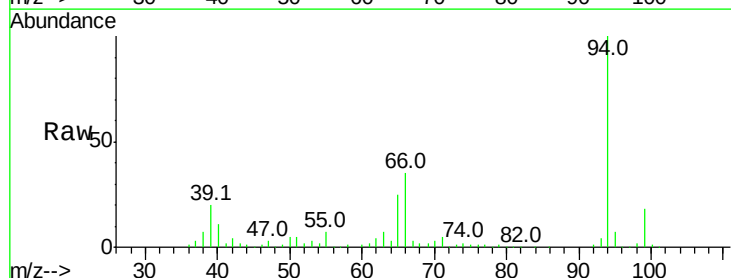
Tgt Ion: 94 Resp: 308623

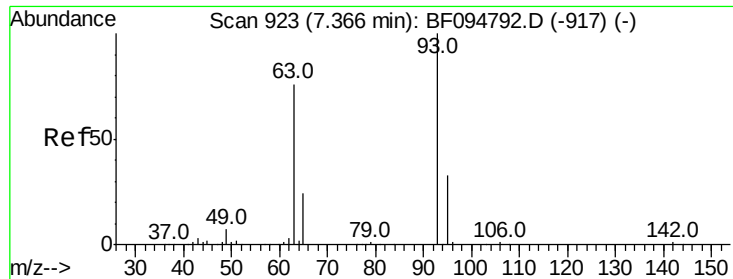
Ion Ratio Lower Upper

94 100

65 25.0 9.9 49.9

66 35.2 23.1 63.1





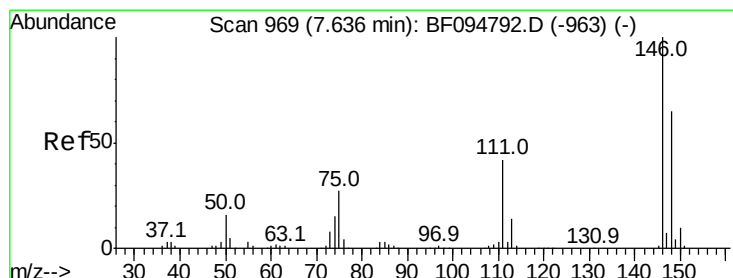
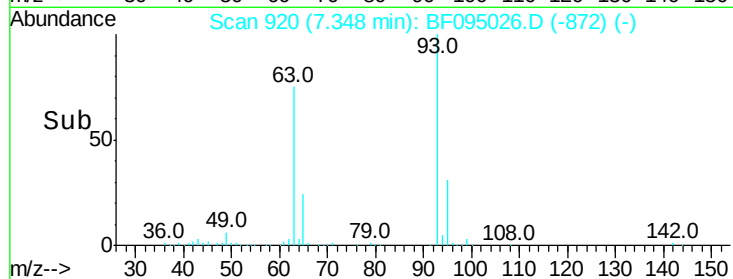
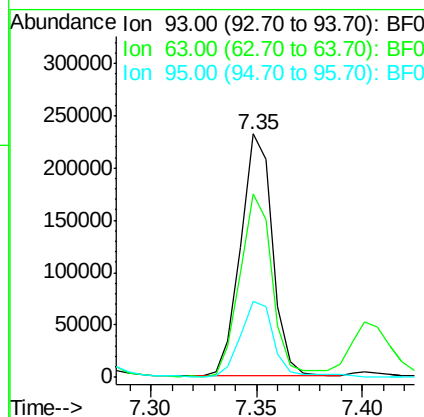
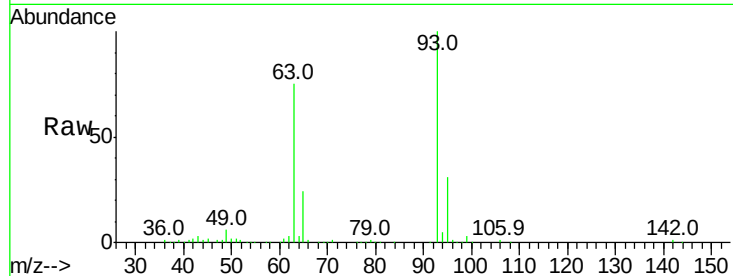
#11
bis(2-Chloroethyl)ether
Concen: 38.92 ng
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	93	Resp	239794
Ion	Ratio	Lower	Upper
93	100		
63	75.3	59.2	99.2
95	31.4	12.8	52.8

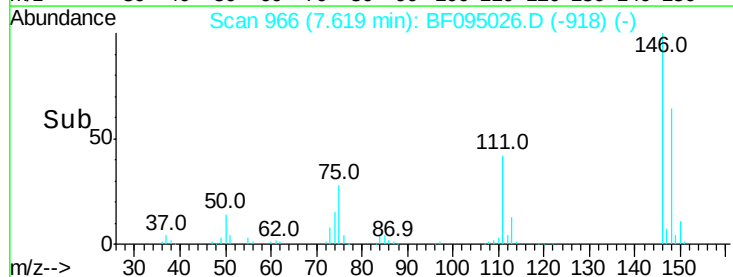
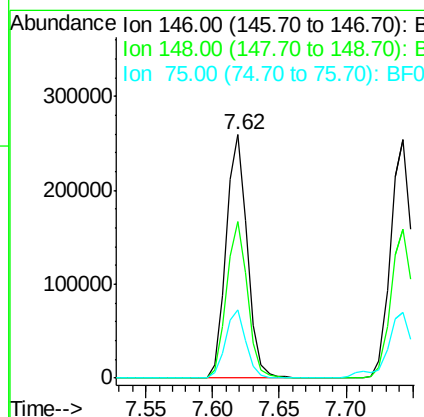
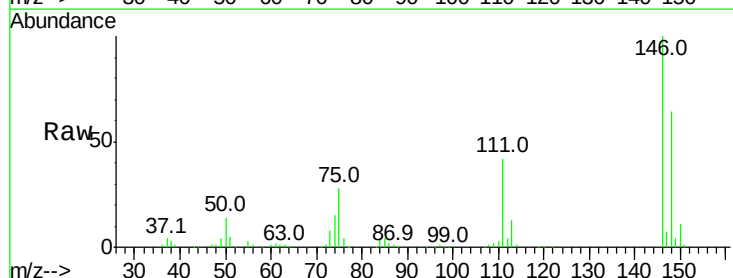
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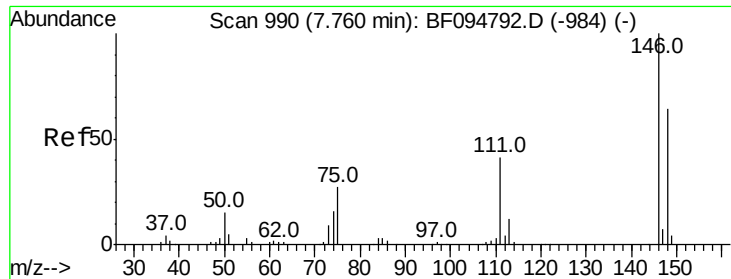
mohammad
5/10/2017 11:47:07 AM



#12
1,3-Dichlorobenzene
Concen: 38.13 ng
RT: 7.62 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	146	Resp	290608
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.6
75	28.0	23.1	34.7





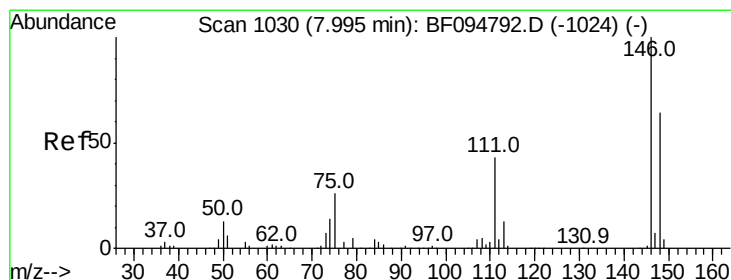
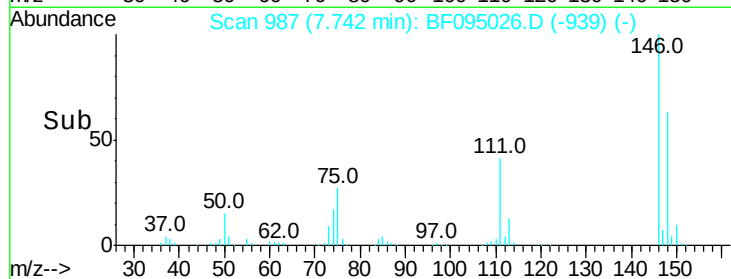
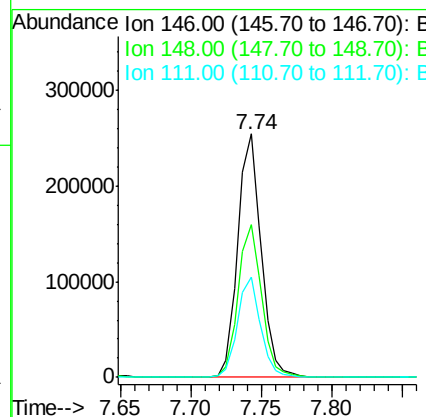
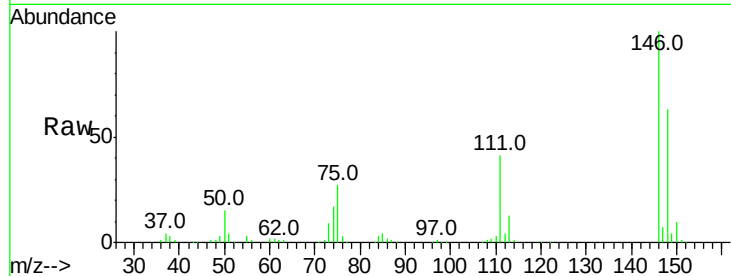
#13
 1,4-Dichlorobenzene
 Concen: 38.20 ng
 RT: 7.74 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.2
111	41.1	30.3	45.5

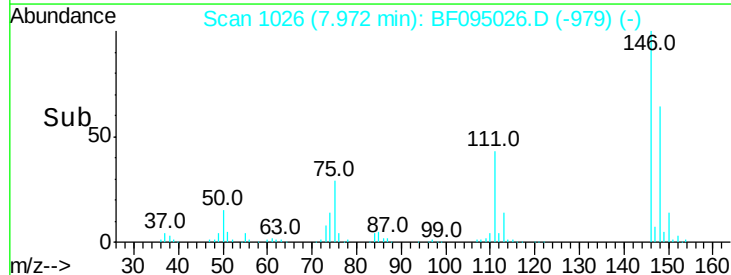
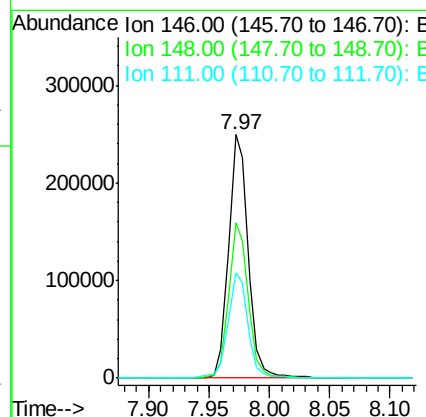
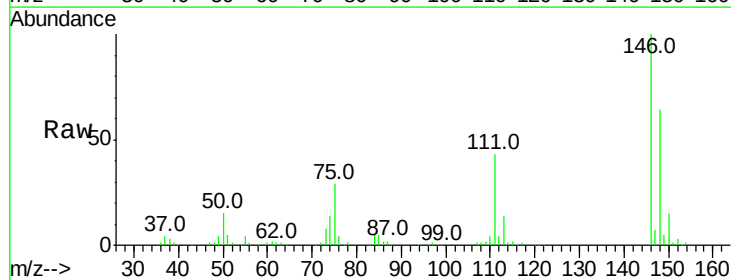
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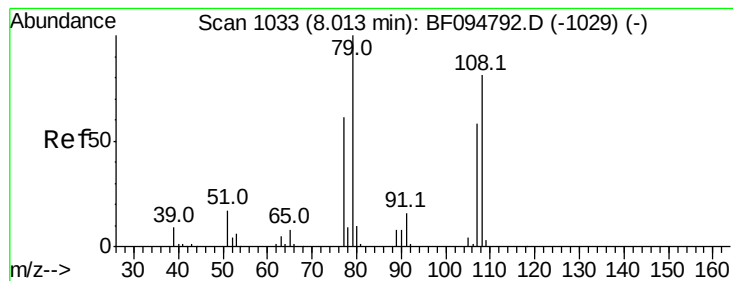
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.74 ng
 RT: 7.97 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	43.2	38.2	57.4





#15

Benzyl Alcohol

Concen: 47.71 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

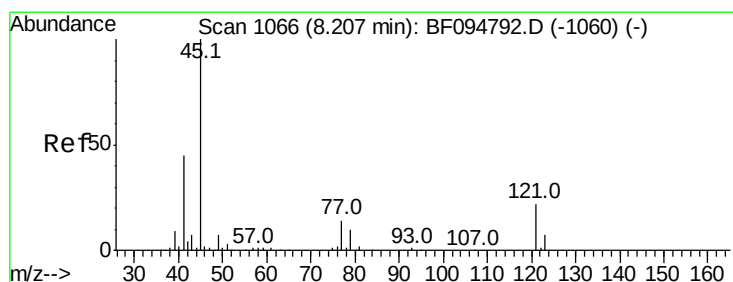
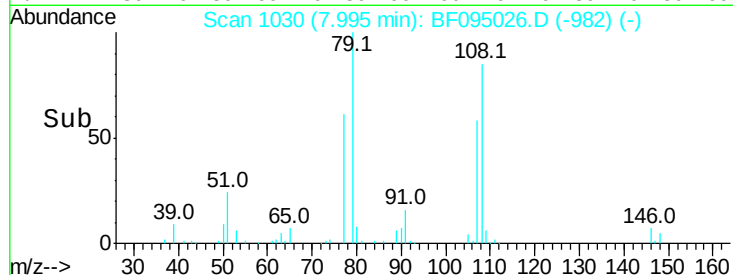
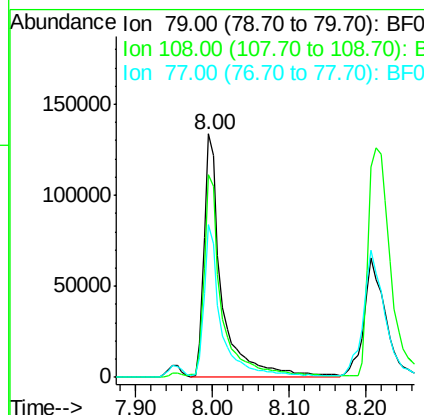
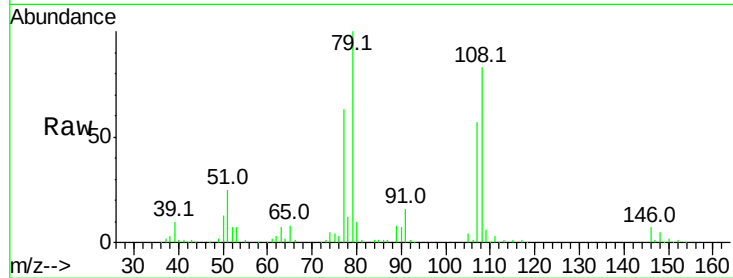
ClientSampleId :

PB98769BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.0	63.4	95.0
77	62.5	49.2	73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.21 ng

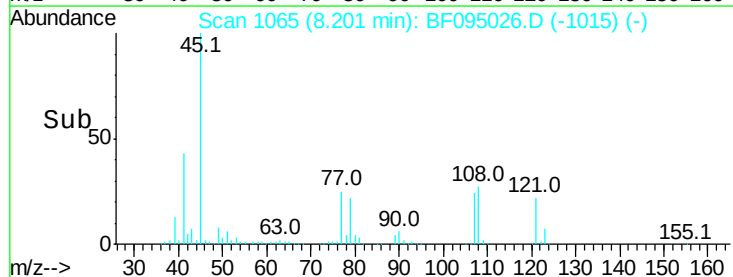
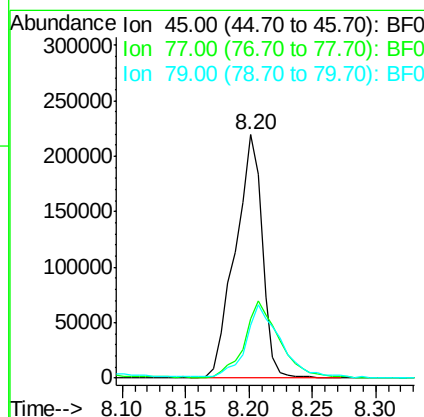
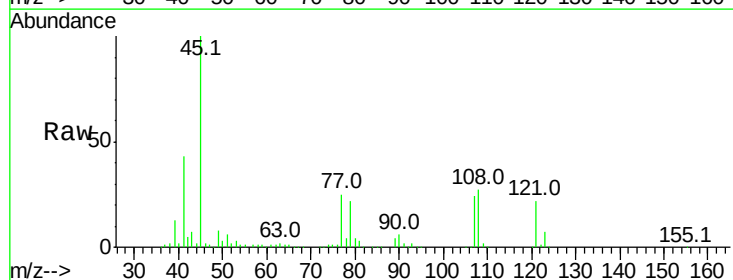
RT: 8.20 min Scan# 1065

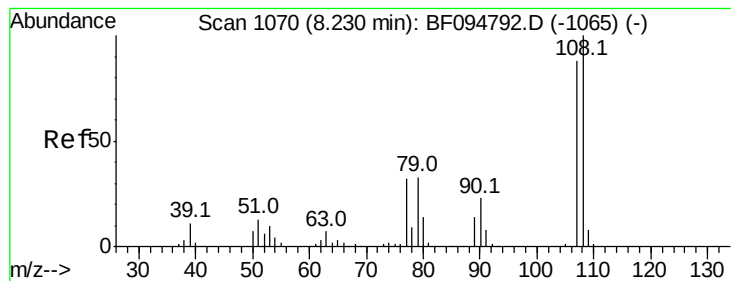
Delta R.T. -0.01 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.6	0.0	33.2
79	21.8	0.0	30.0





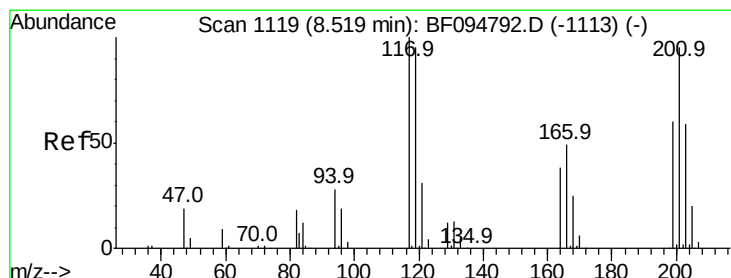
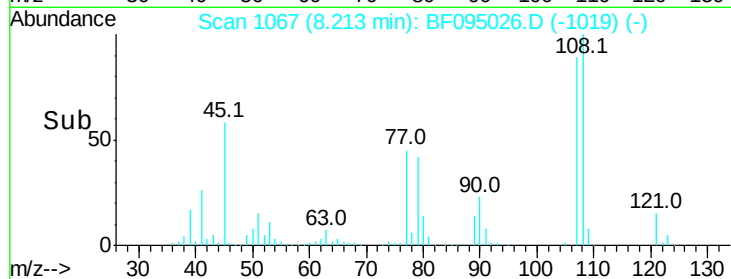
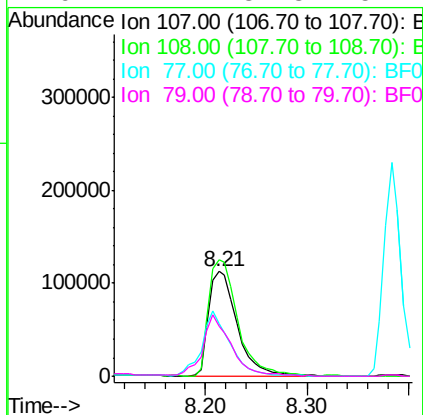
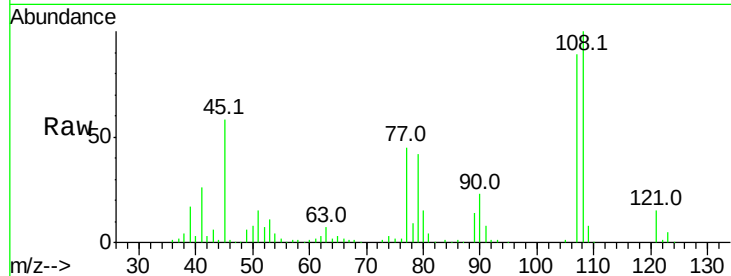
#17
2-Methylphenol
Concen: 40.02 ng
RT: 8.21 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	93.4	140.0	
77	50.6	35.8	53.6	
79	47.4	34.8	52.2	

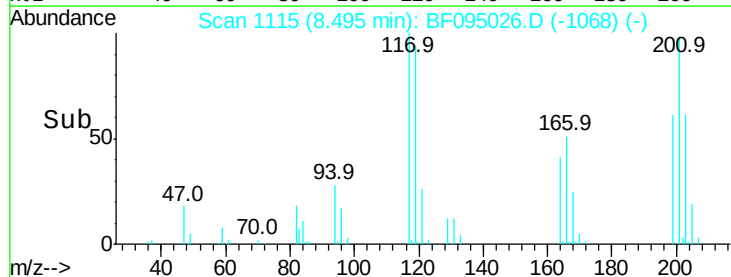
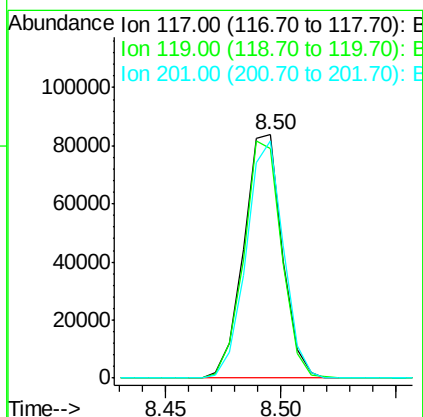
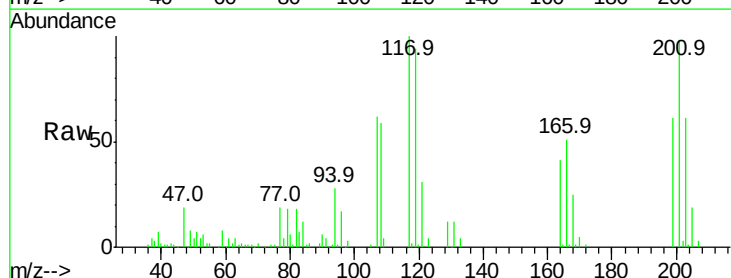
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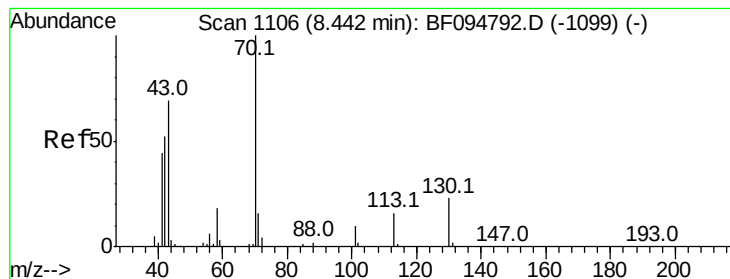
mohammad
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#18
Hexachloroethane
Concen: 37.31 ng
RT: 8.50 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	77.4	116.0	
201	97.7	94.6	141.8	





#19

n-Nitroso-di-n-propylamine

Concen: 39.31 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampleId :

PB98769BS

Tot Ion: 70 Resp: 188286

Ion Ratio Lower Upper

70 100

42 51.4 47.2 70.8

101 9.7 7.2 10.8

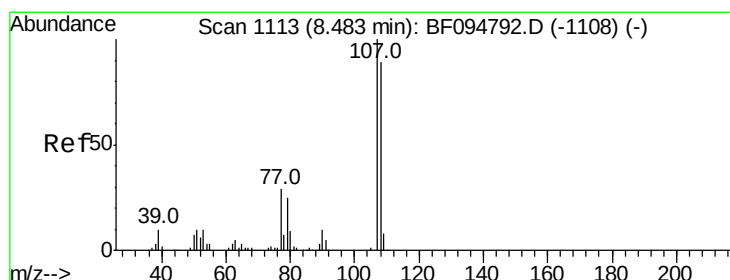
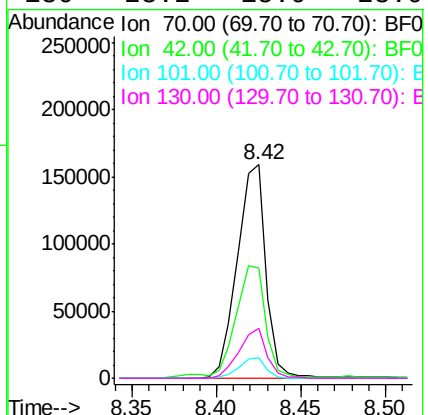
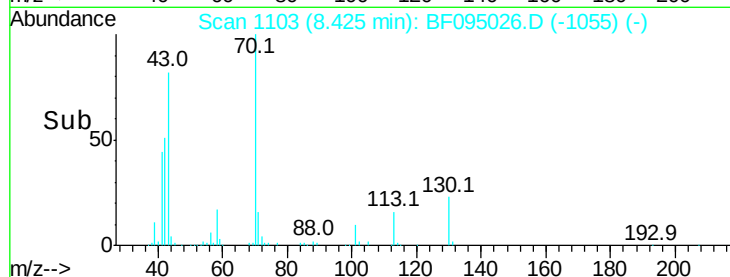
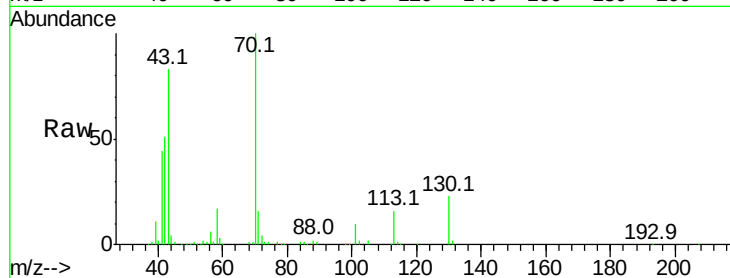
130 23.2 15.9 23.9

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#20

3+4-Methylphenols

Concen: 39.89 ng

RT: 8.48 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Tgt Ion: 107 Resp: 297996

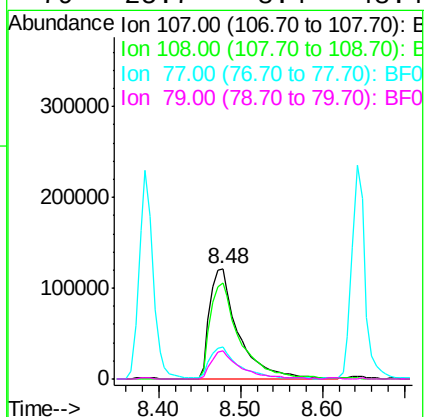
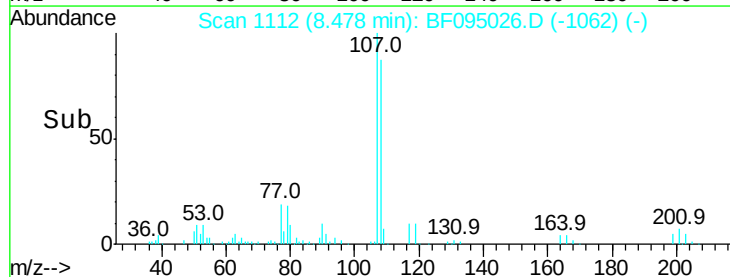
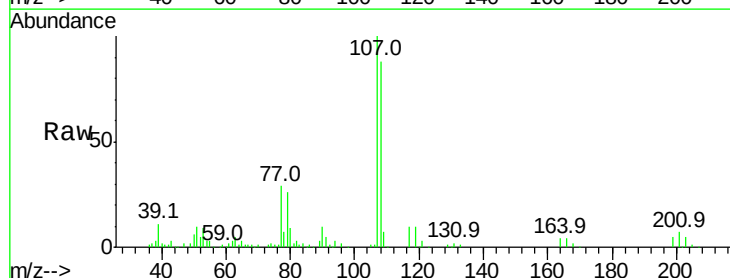
Ion Ratio Lower Upper

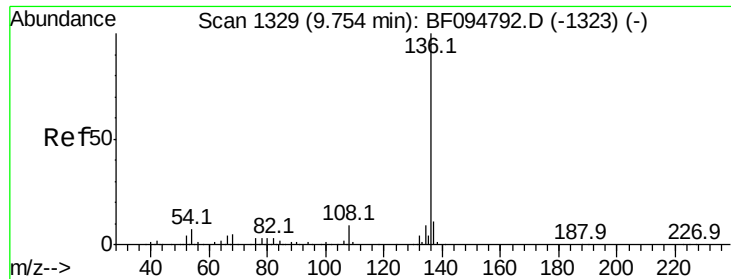
107 100

108 87.6 71.0 111.0

77 29.0 90.5 130.5#

79 25.7 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

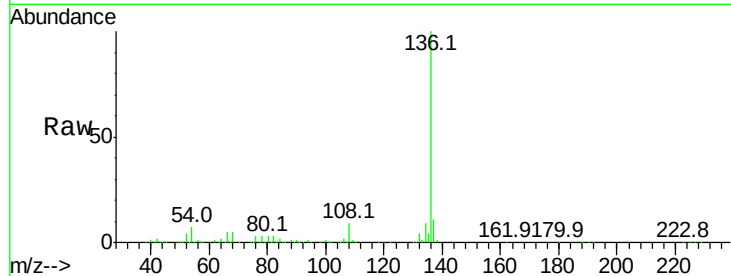
ClientSampleId :

PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	413678		
137	10.7		8.5	12.7
54	7.0		4.9	7.3
68	5.1		4.1	6.1

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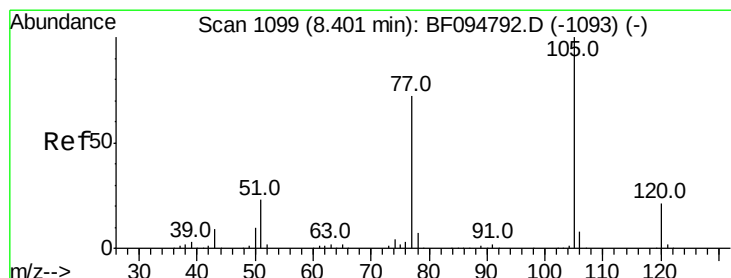
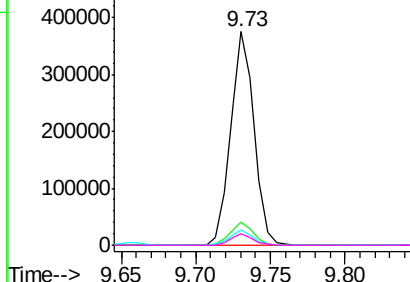
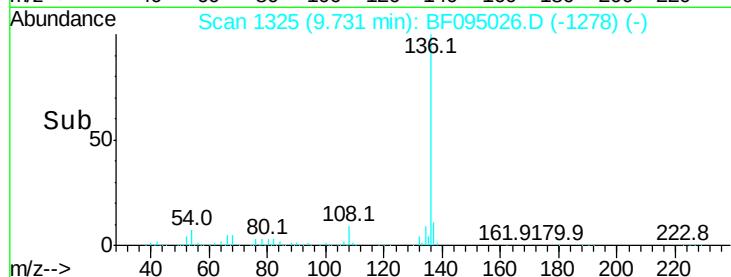
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.39 ng

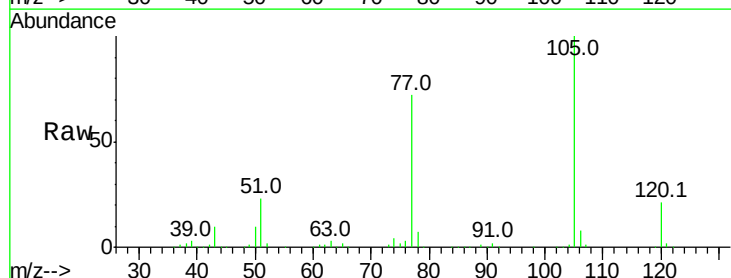
RT: 8.38 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	381001		
71	0.0		2.8	4.2#
51	23.2		30.7	46.1#
120	20.9		17.4	26.0



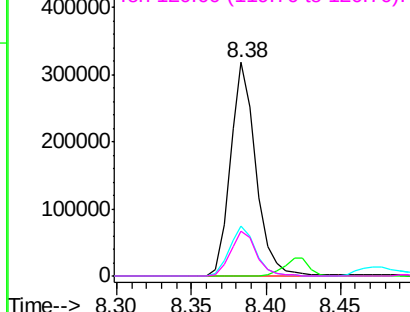
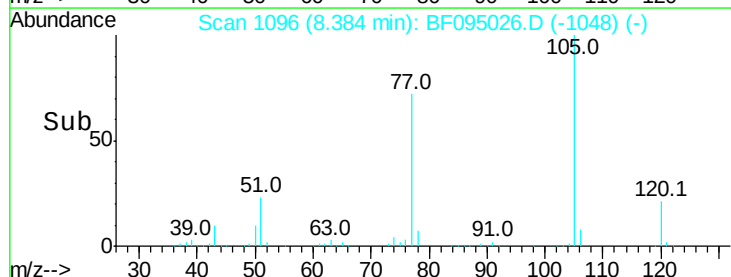
Abundance

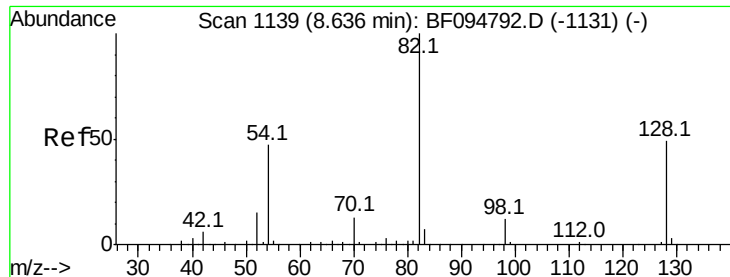
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





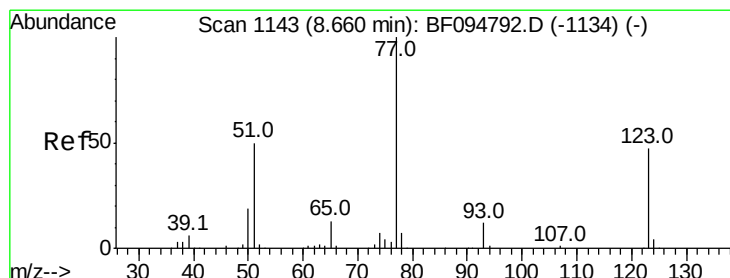
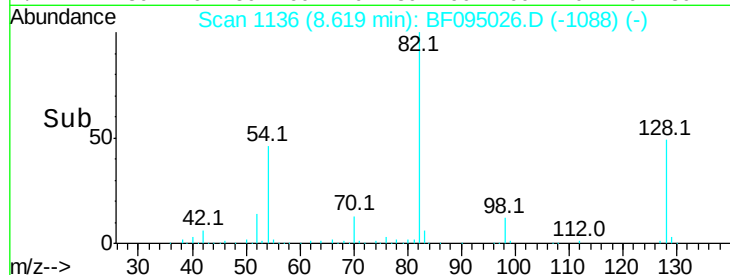
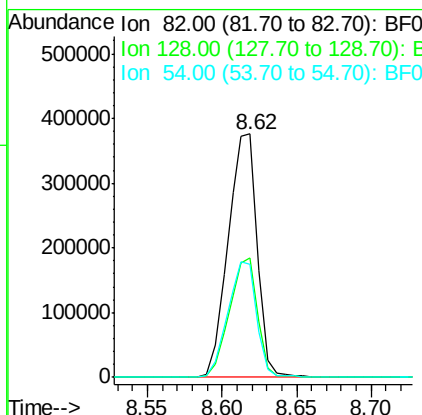
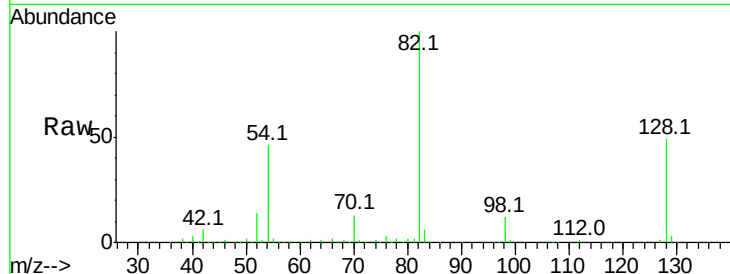
#23
Nitrobenzene-d5
Concen: 78.61 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampled :
PB98769BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.0	51.0
54	46.3	42.2	63.2

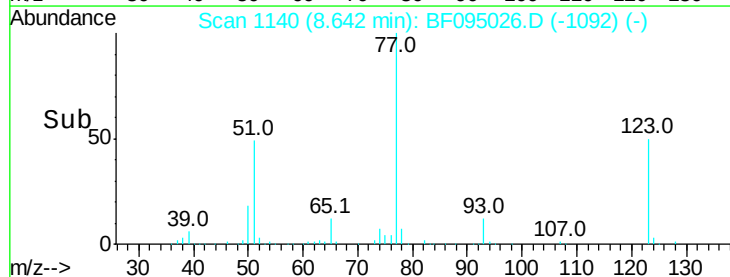
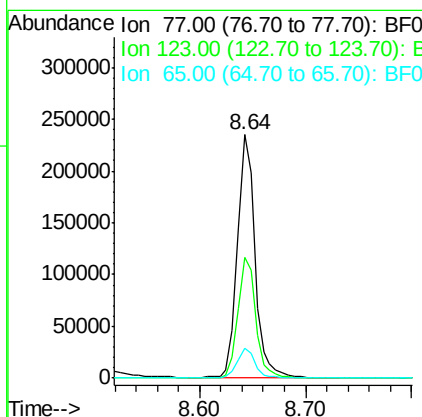
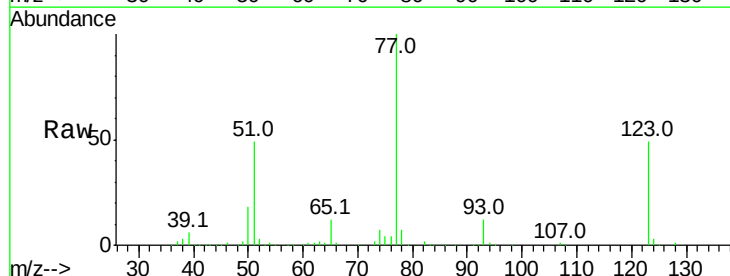
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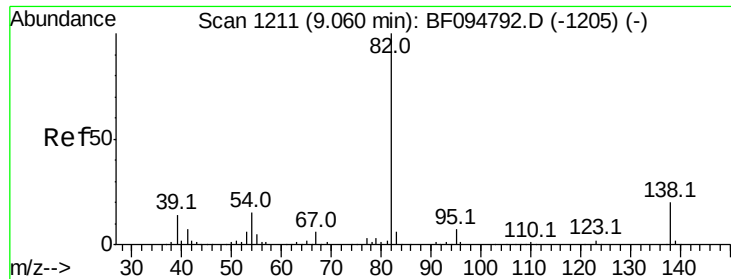
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#24
Nitrobenzene
Concen: 38.85 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	35.8	53.8
65	12.2	10.6	15.8





#25

Isophorone

Concen: 40.79 ng

RT: 9.04 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

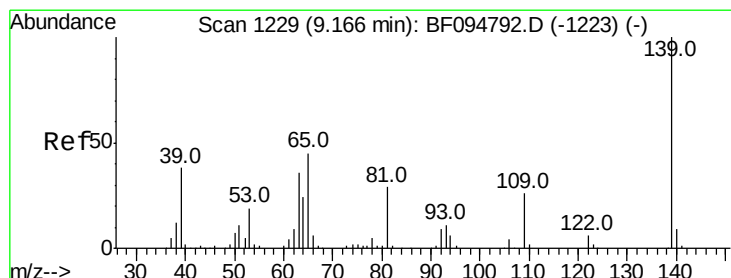
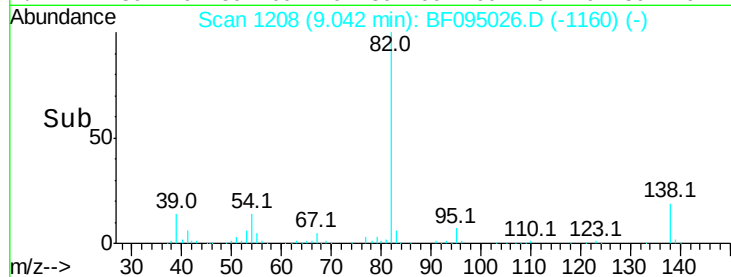
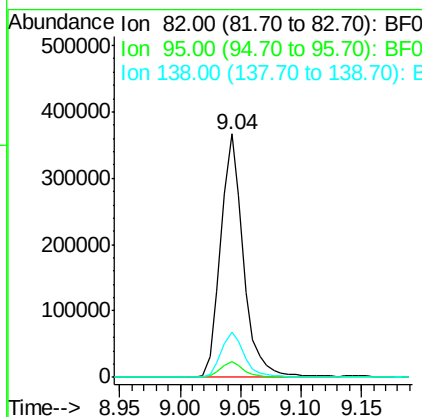
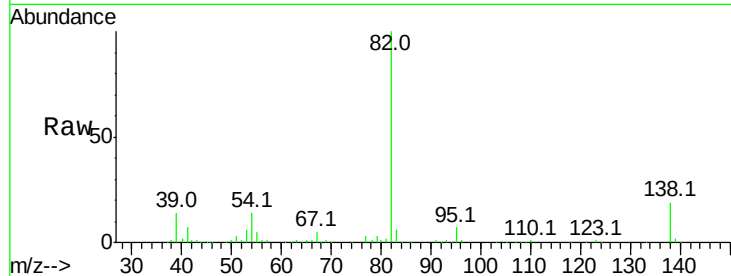
ClientSampleId :

PB98769BS

Tot Ion:	82	Resp:	477872
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	18.8	13.1	19.7

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#26

2-Nitrophenol

Concen: 40.78 ng

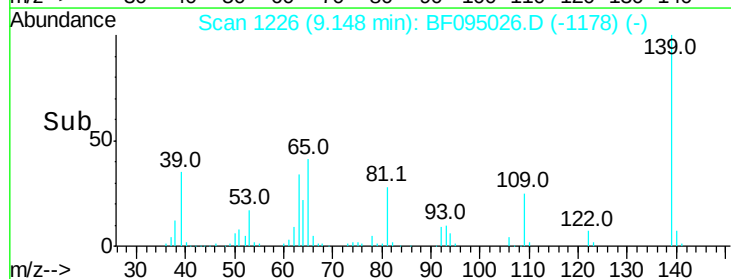
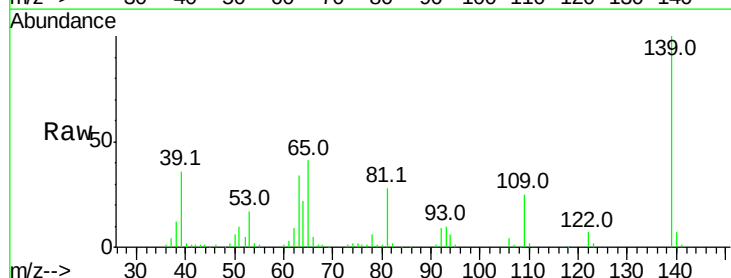
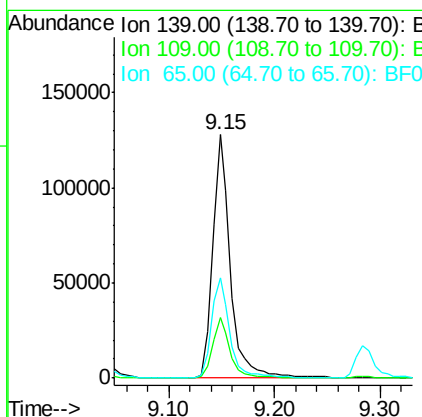
RT: 9.15 min Scan# 1226

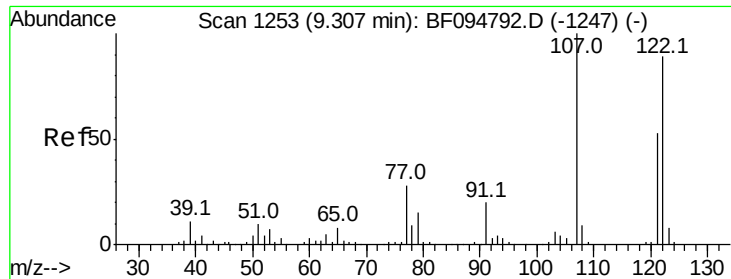
Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Tgt Ion:	139	Resp:	151315
Ion Ratio	Lower	Upper	
139	100		
109	25.1	21.0	31.6
65	41.4	33.0	49.6





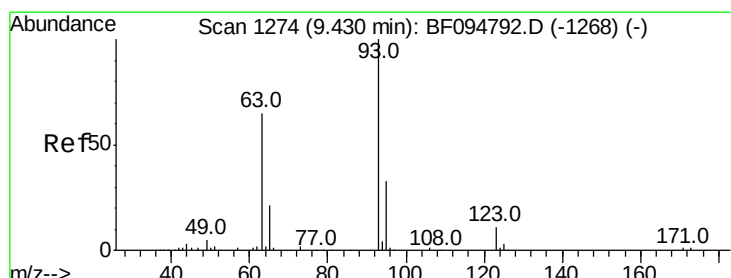
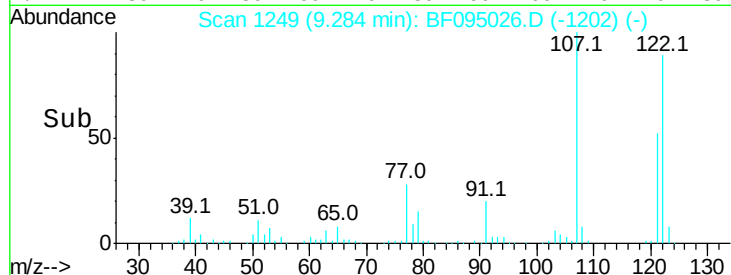
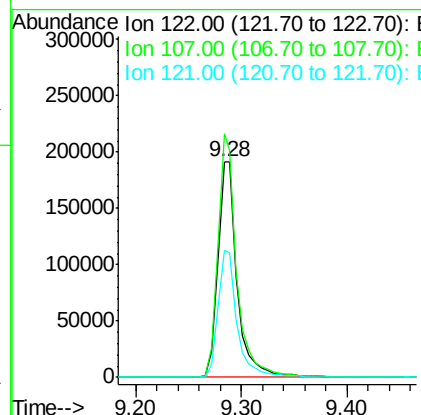
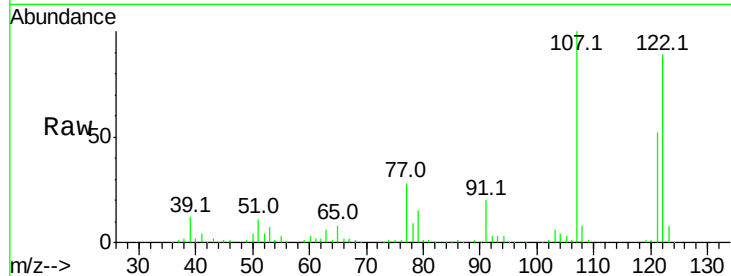
#27
 2,4-Dimethylphenol
 Concen: 41.49 ng
 RT: 9.28 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BS

Tot Ion:	122	Resp:	248889
Ion Ratio	Lower	Upper	
122	100		
107	112.7	89.2	133.8
121	58.9	45.2	67.8

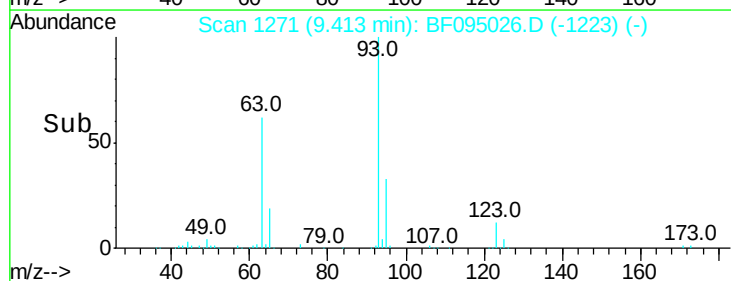
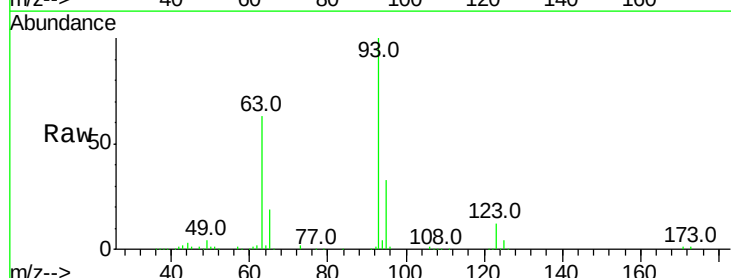
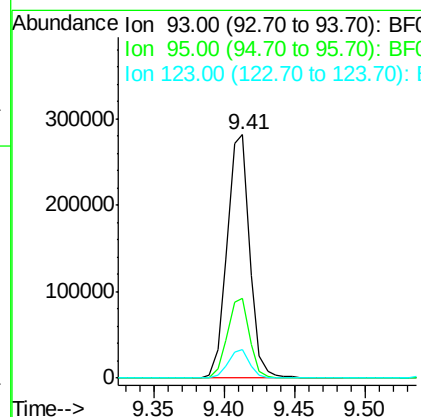
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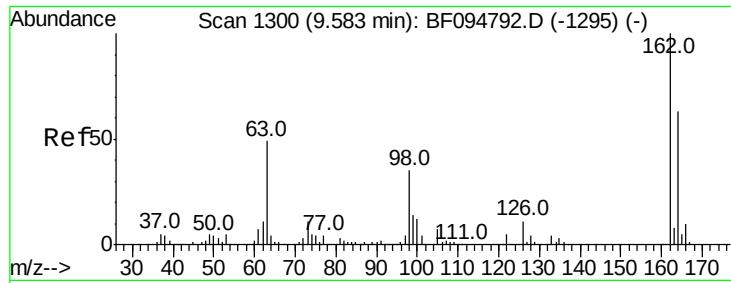
mohammad
 5/10/2017 11:47:07 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.72 ng
 RT: 9.41 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:	93	Resp:	313809
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.5	39.7
123	11.9	9.0	13.4





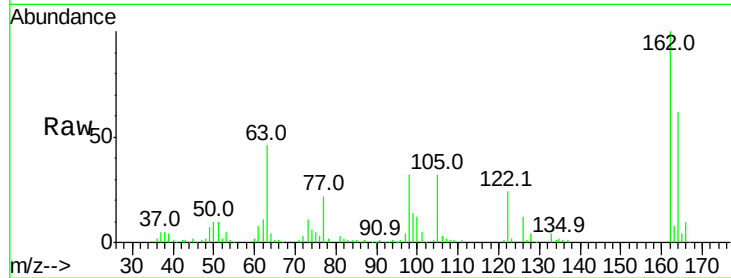
#29
 2,4-Dichlorophenol
 Concen: 42.59 ng
 RT: 9.57 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BS

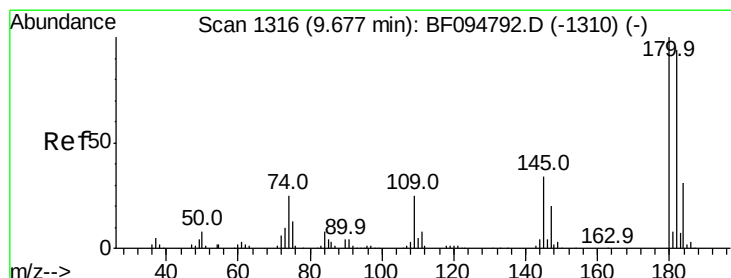
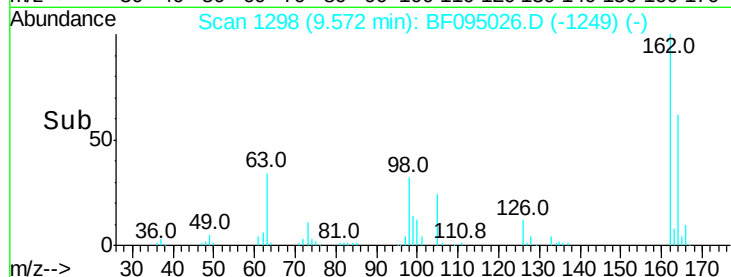
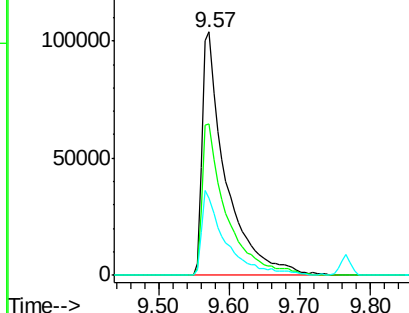
Tot Ion:	162	Resp:	241268
Ion Ratio	Lower	Upper	
162	100		
164	62.0	44.6	84.6
98	31.8	14.8	54.8

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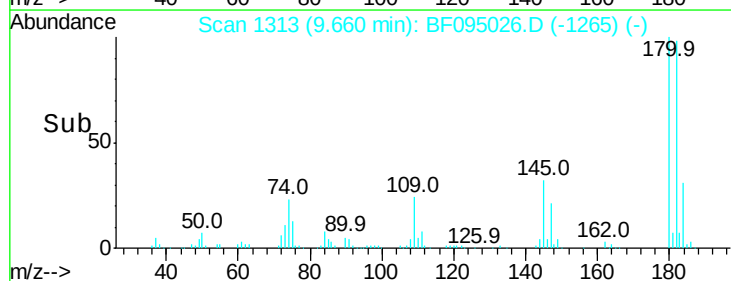
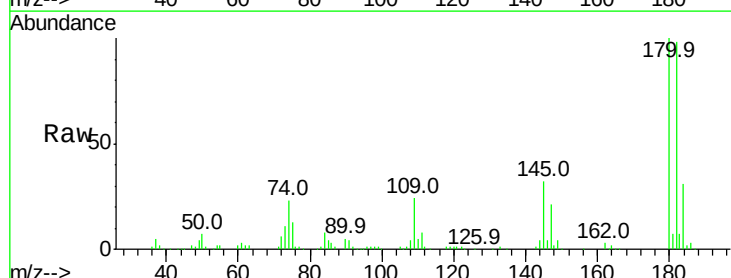
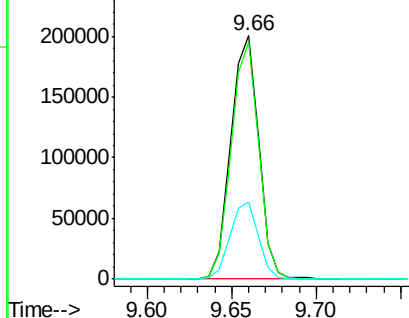
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

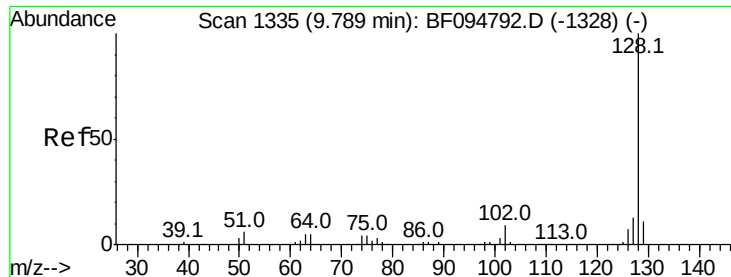


#30
 1,2,4-Trichlorobenzene
 Concen: 37.81 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion:	180	Resp:	229469
Ion Ratio	Lower	Upper	
180	100		
182	97.5	75.8	113.6
145	31.9	25.3	37.9

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





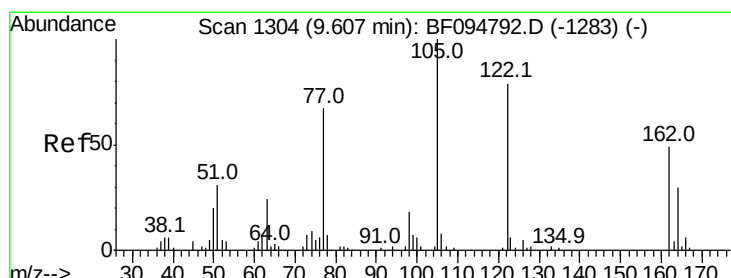
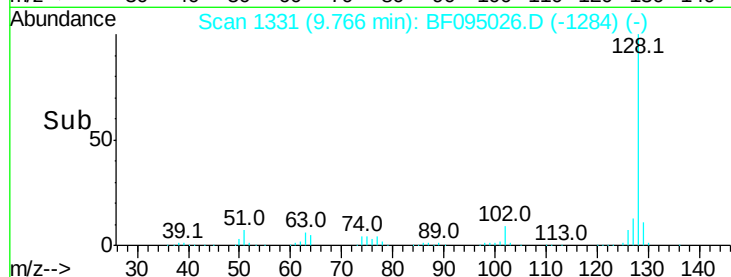
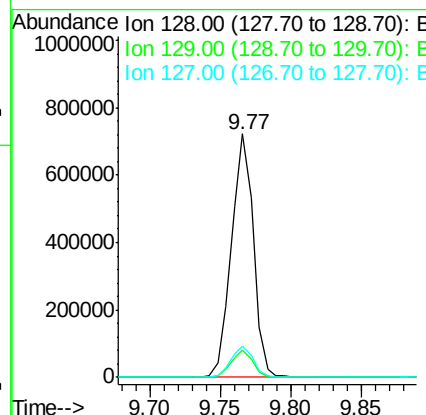
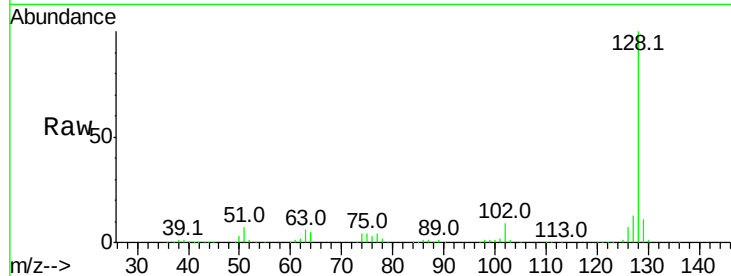
#31
Naphthalene
Concen: 37.50 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.0	10.8	16.2

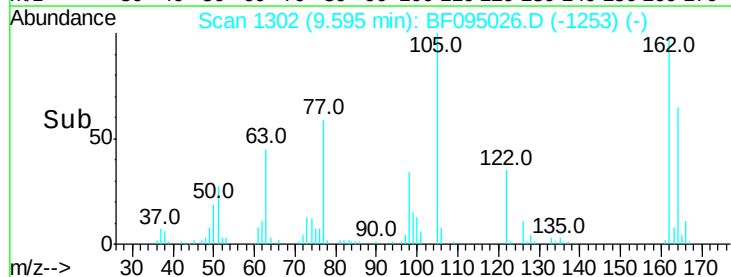
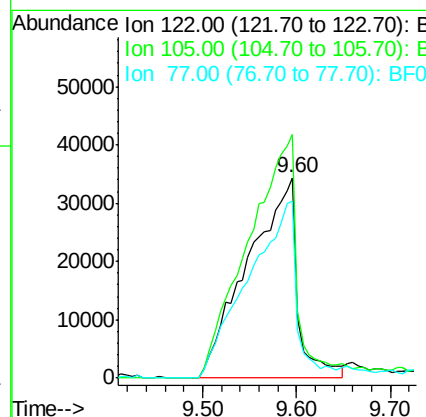
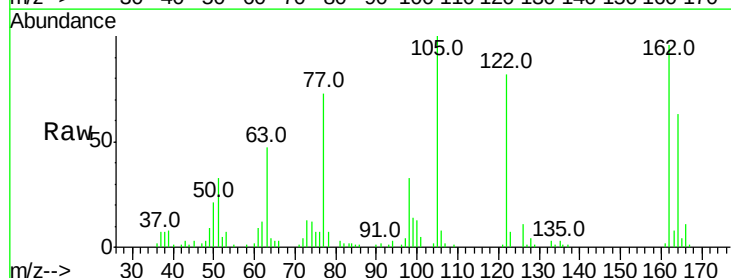
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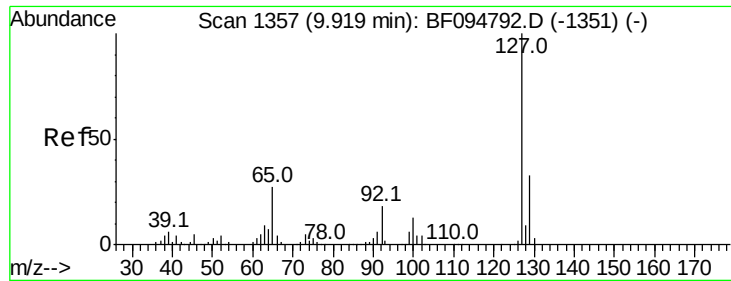
mohammad
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#32
Benzoic acid
Concen: 33.66 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	121.7	103.3	143.3
77	88.4	73.7	113.7





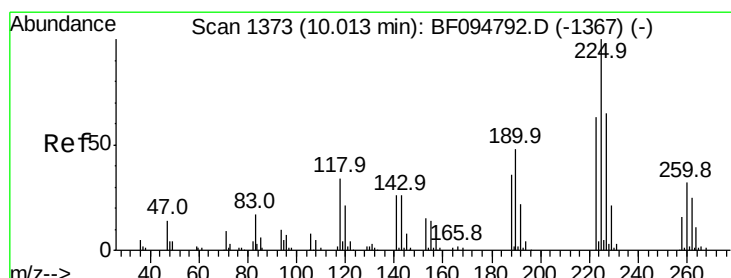
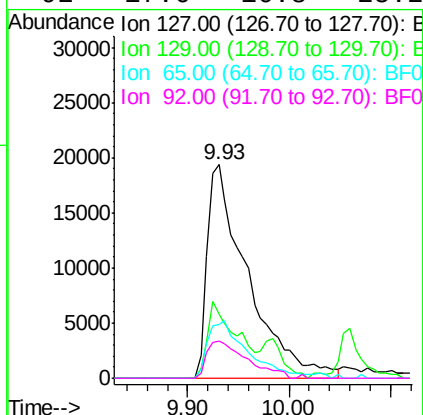
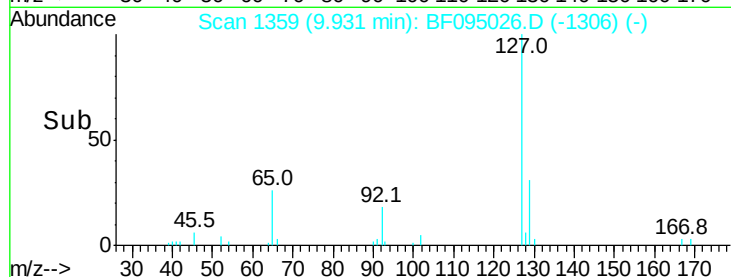
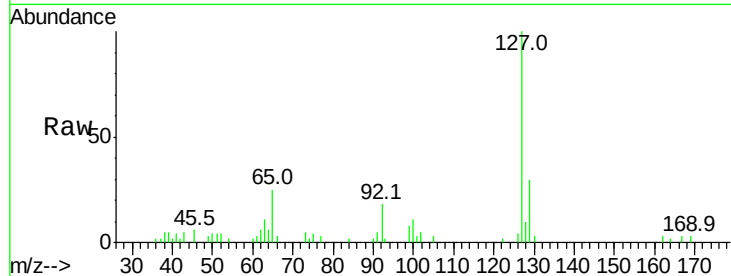
#33
4-Chloroaniline
Concen: 6.93 ng
RT: 9.93 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.2	39.2
65	25.1	27.8	41.8
92	17.6	16.8	25.2

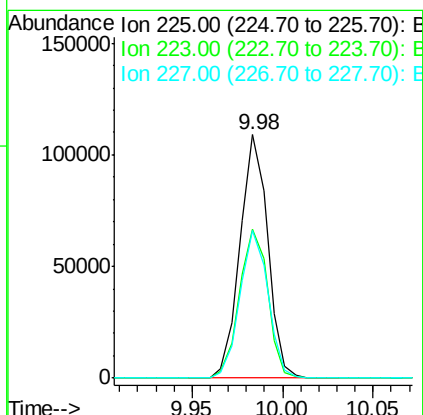
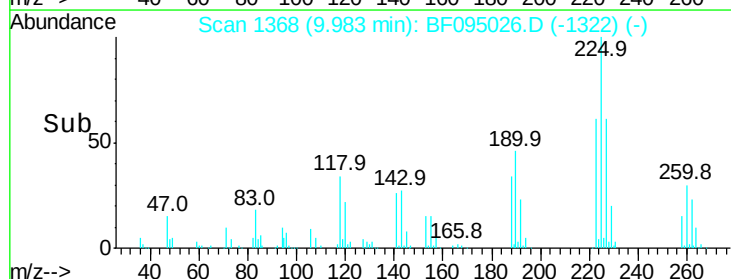
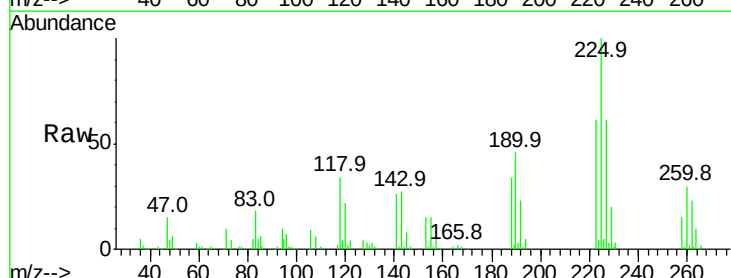
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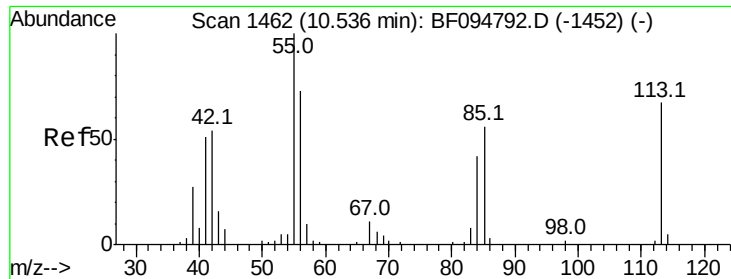
mohammad
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#34
Hexachlorobutadiene
Concen: 36.25 ng
RT: 9.98 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.8	73.2
227	60.6	51.1	76.7





#35

Caprolactam

Concen: 44.13 ng/mL

RT: 10.54 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

ClientSampleID :

PB98769BS

Tot Ion:113 Resp: 75056

Ion Ratio Lower Upper

113 100

55 148.1 150.2 190.2#

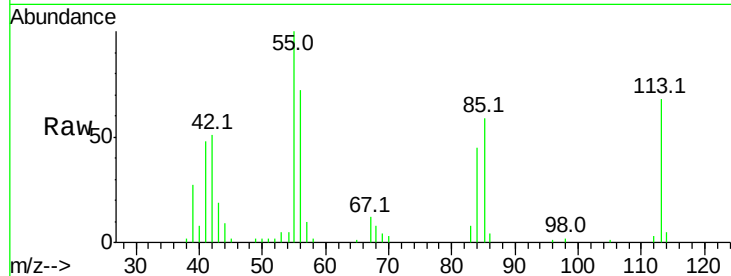
56 107.3 107.8 147.8#

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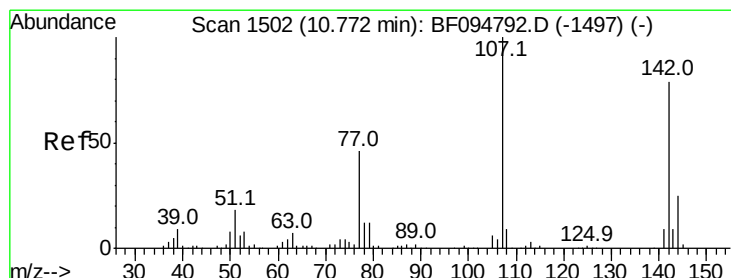
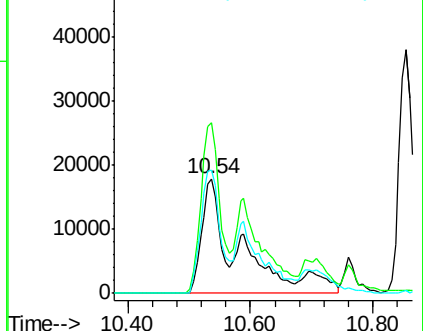
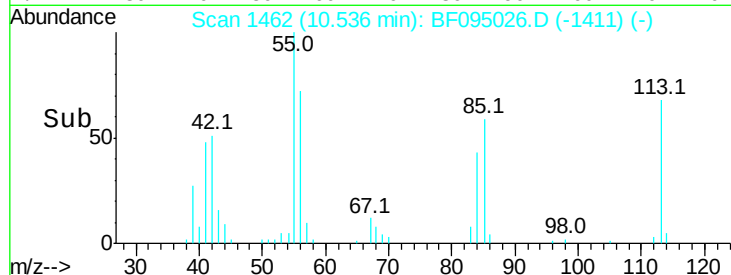
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.89 ng/mL

RT: 10.76 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

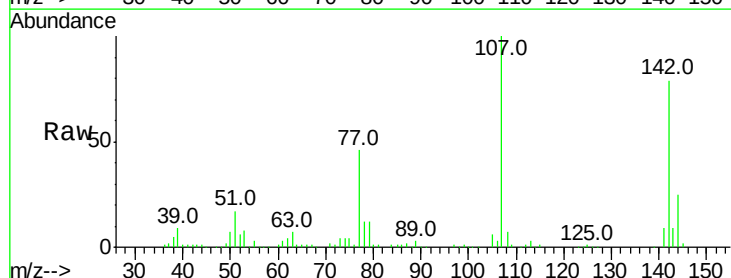
Tgt Ion:107 Resp: 247623

Ion Ratio Lower Upper

107 100

144 25.0 24.2 36.4

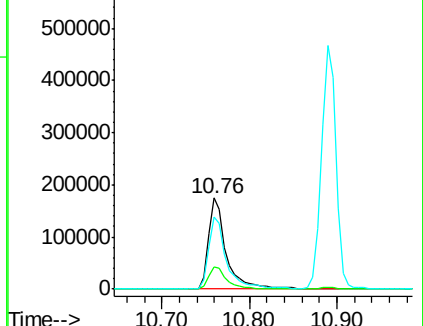
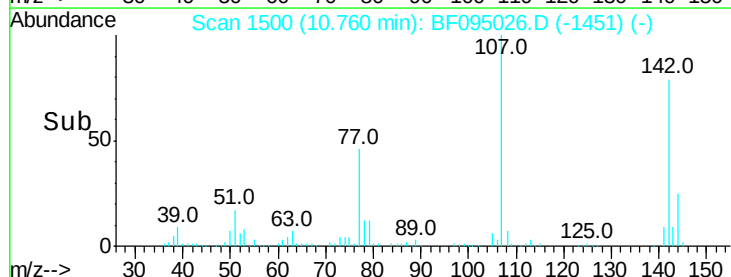
142 79.1 73.4 110.0

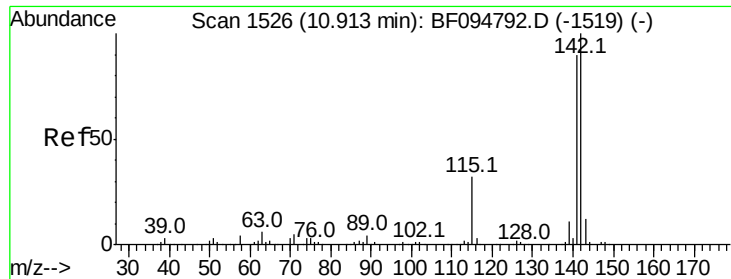


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





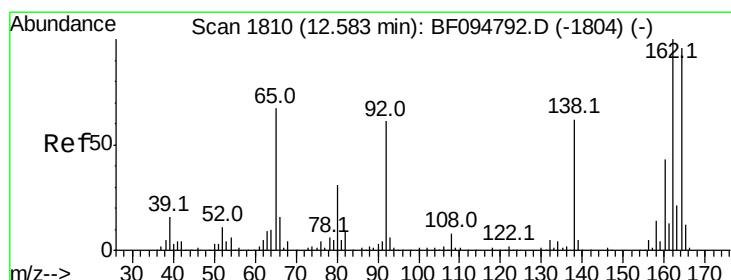
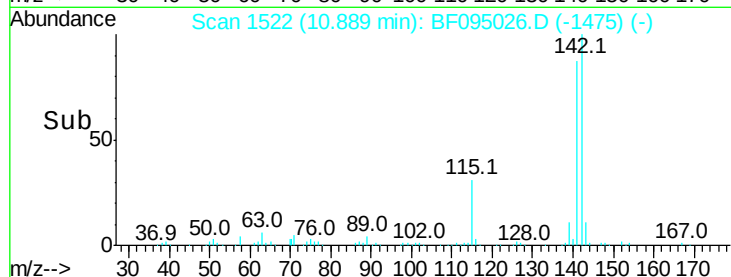
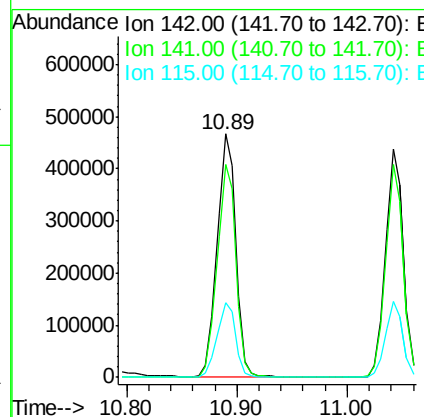
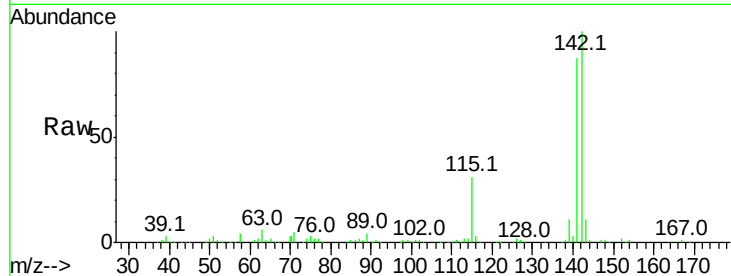
#37
2-Methylnaphthalene
Concen: 39.89 ng
RT: 10.89 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	544321		
141	87.3		71.3	106.9
115	30.6		27.1	40.7

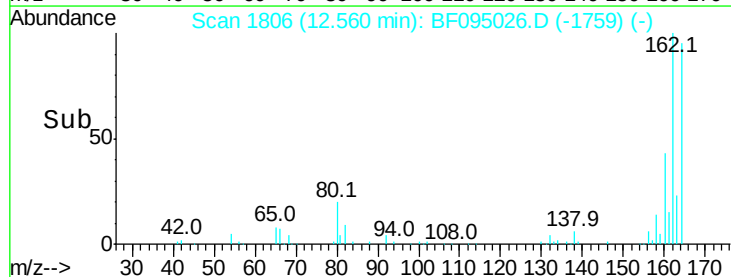
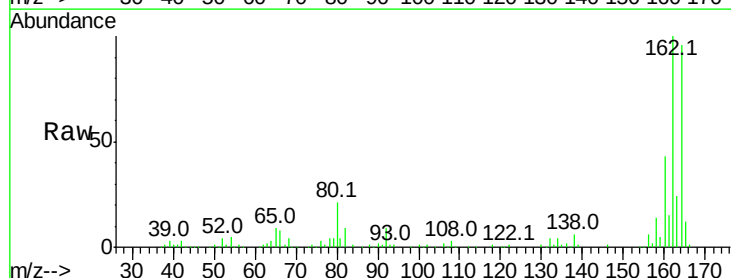
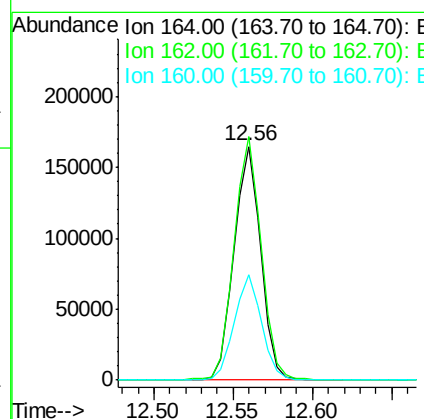
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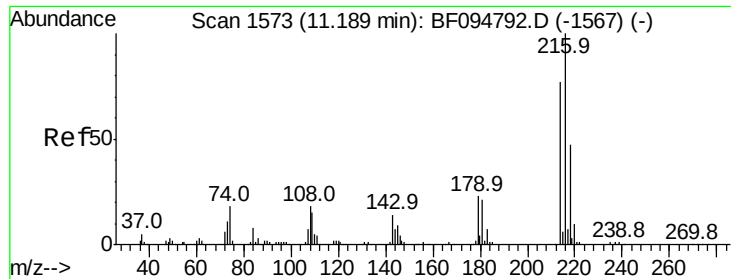
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	191149		
162	104.2		82.6	123.8
160	45.2		36.2	54.2





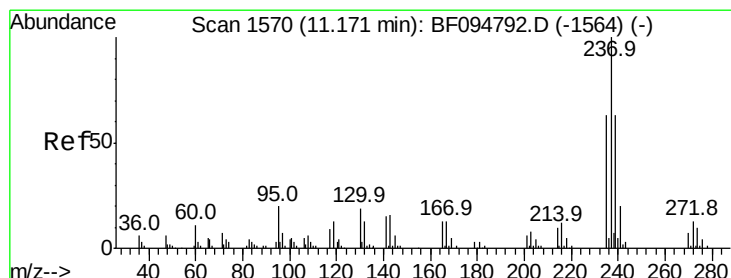
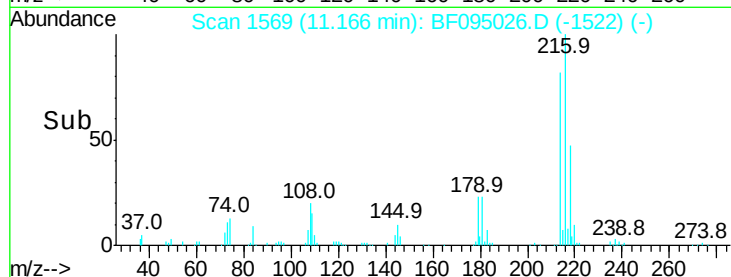
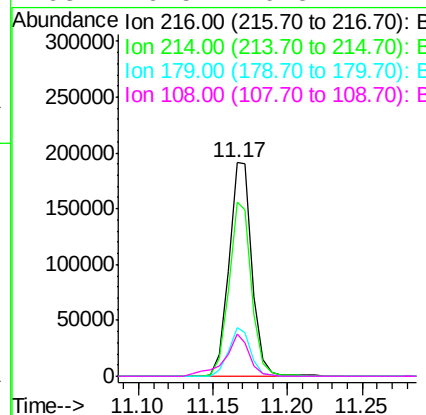
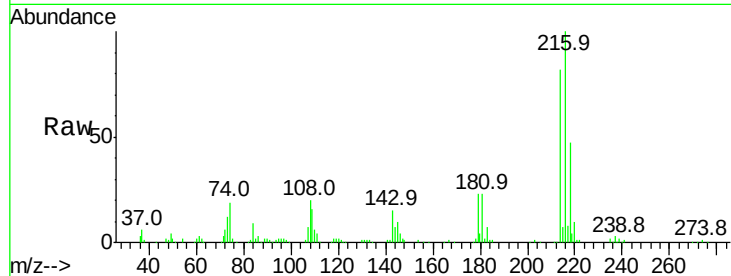
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.59 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.4	95.2
179	21.6	17.9	26.9
108	20.5	16.5	24.7

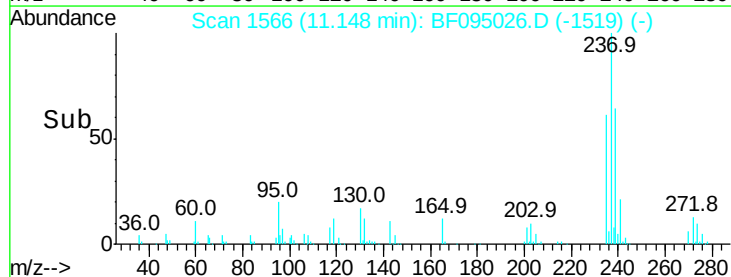
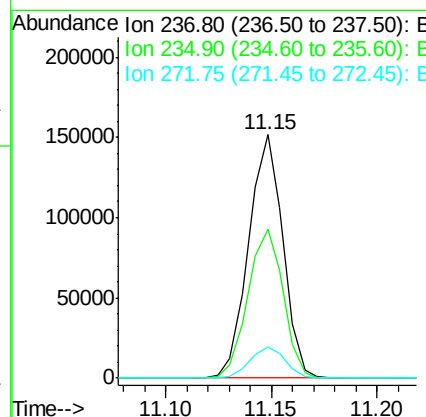
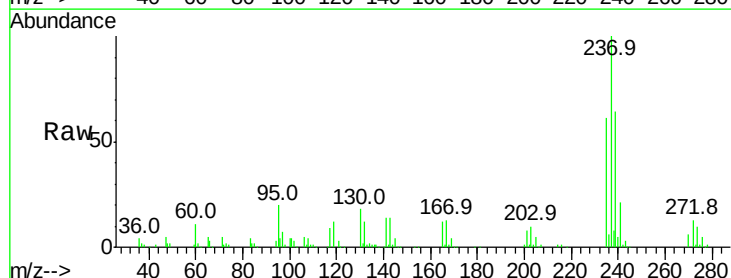
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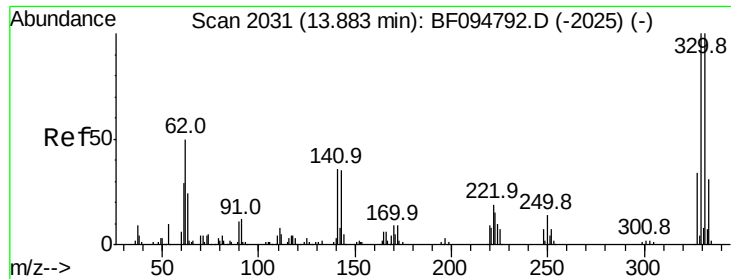
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 69.76 ng
 RT: 11.15 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.3	42.6	82.6
272	12.6	0.0	31.9





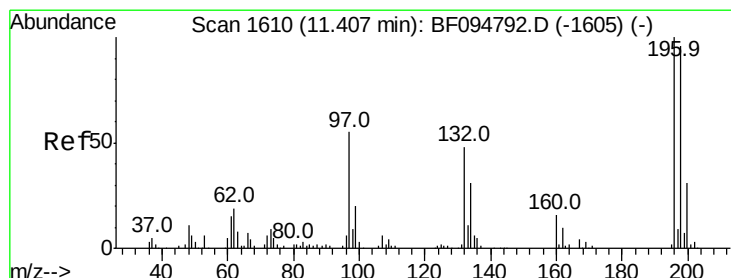
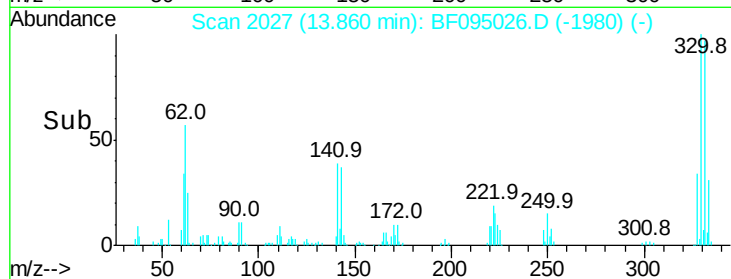
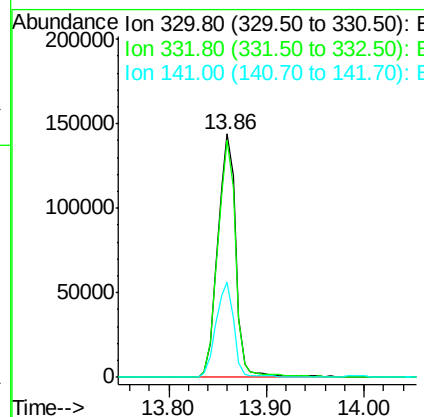
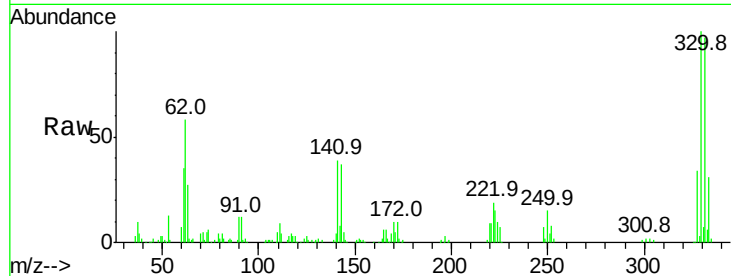
#41
 2,4,6-Tribromophenol
 Concen: 118.39 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	185341		
332	96.8	76.6	115.0	
141	39.0	31.4	47.2	

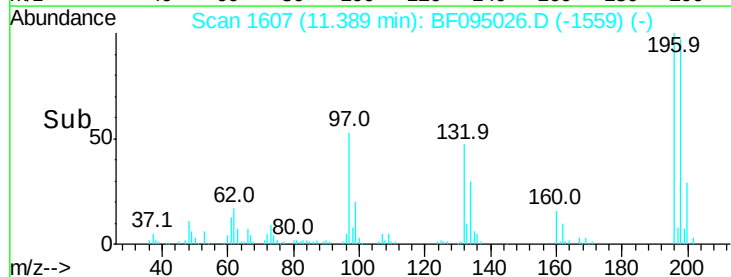
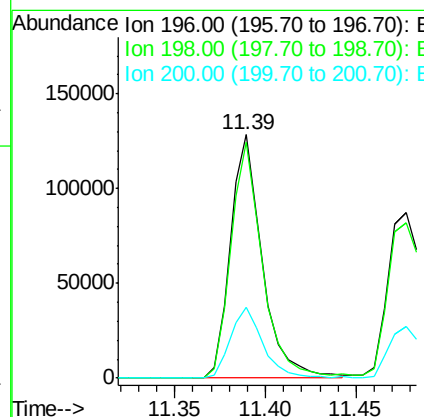
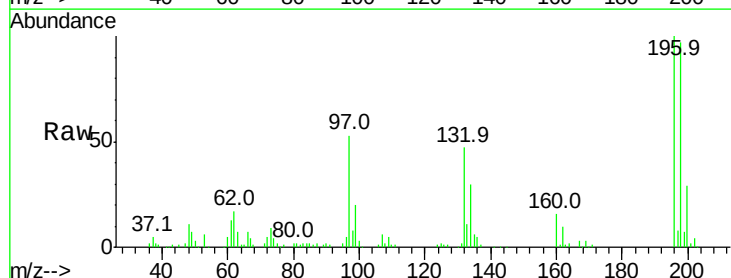
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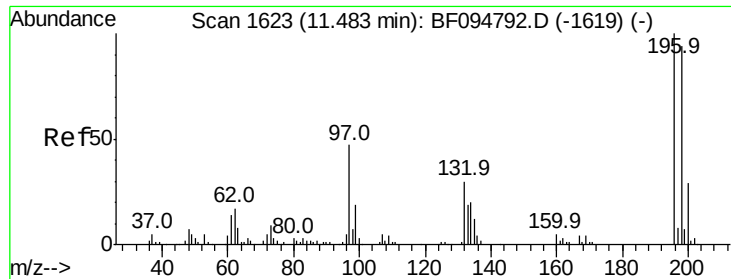
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 39.89 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156579		
198	97.0	74.2	111.4	
200	29.1	24.0	36.0	





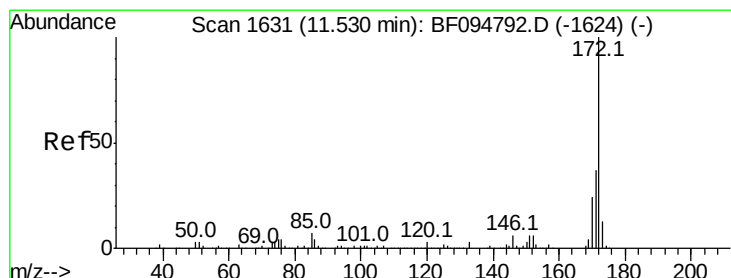
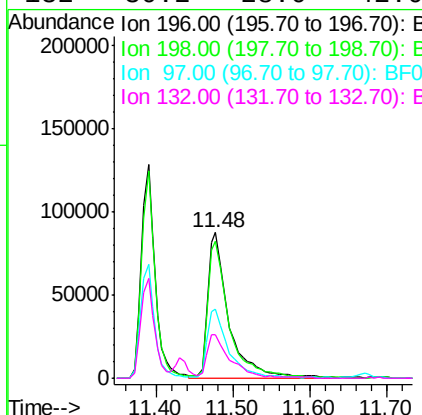
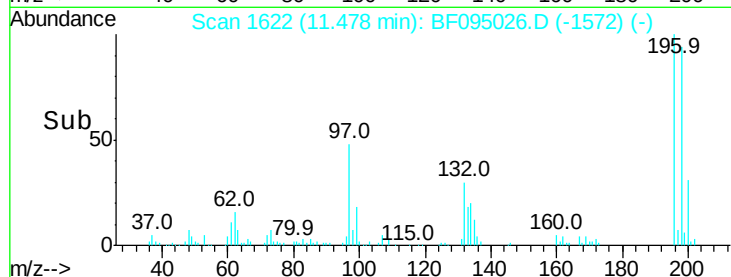
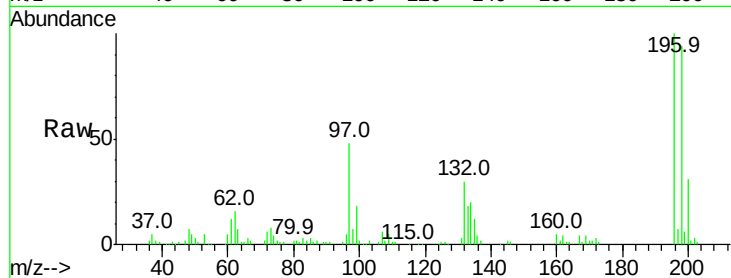
#43
2,4,5-Trichlorophenol
Concen: 38.49 ng
RT: 11.48 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	162374		
198	93.7	75.7	113.5	
97	47.5	47.7	71.5#	
132	30.2	28.0	42.0	

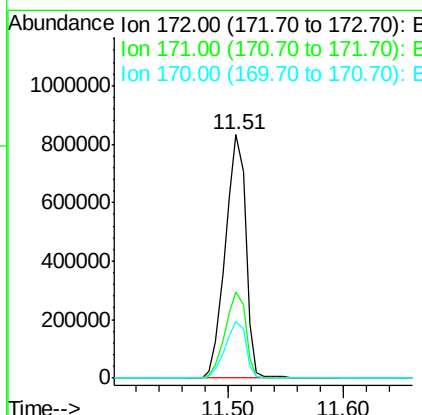
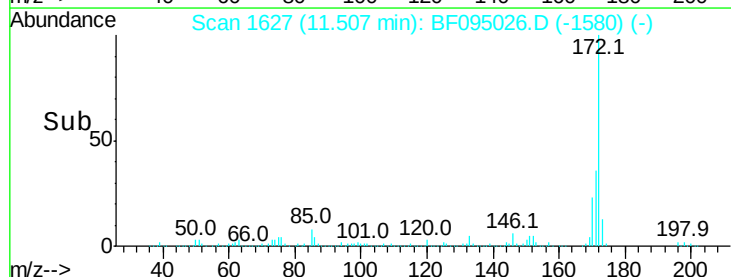
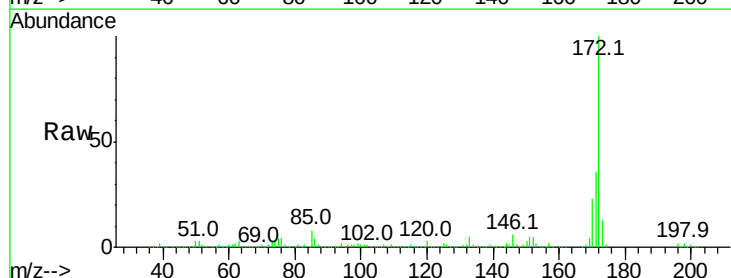
Manual Integrations
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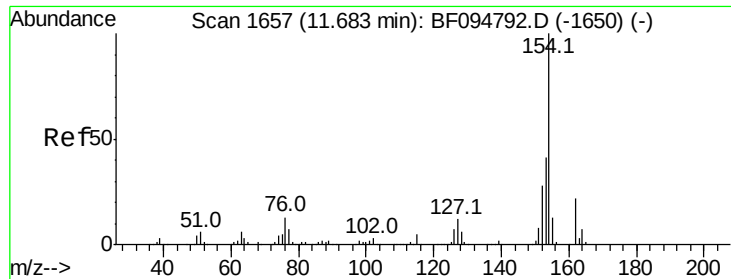
mohammad
5/10/2017 11:47:07 AM



#44
2-Fluorobiphenyl
Concen: 77.22 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1025541		
171	35.5	29.6	44.4	
170	23.4	19.8	29.8	





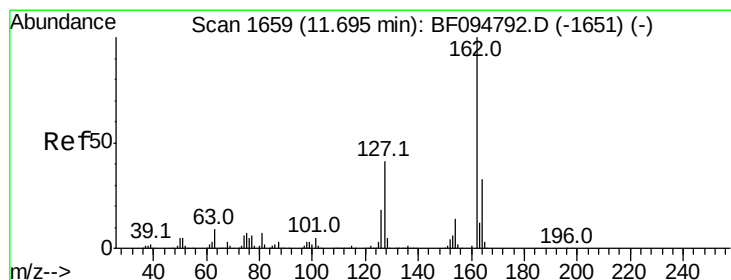
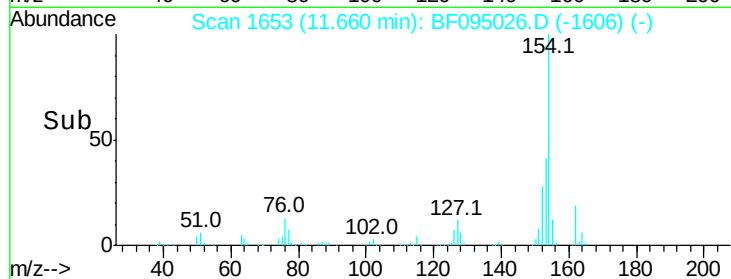
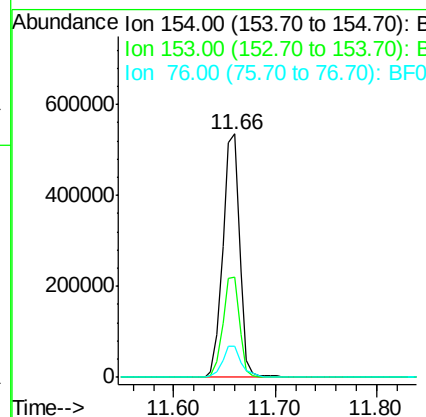
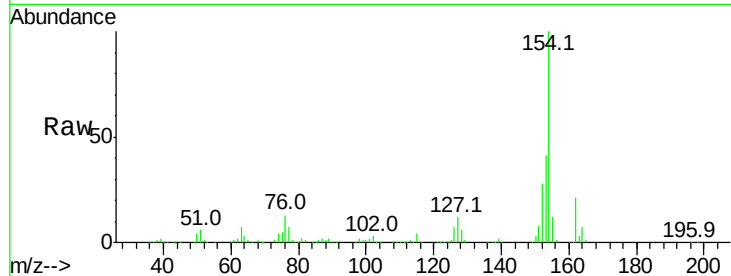
#45
 1,1'-Biphenyl
 Concen: 38.37 ng
 RT: 11.66 min Scan# 1653
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.2	21.2	61.2	
76	12.6	0.0	29.9	

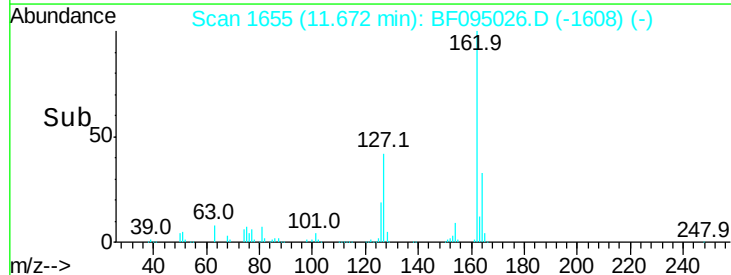
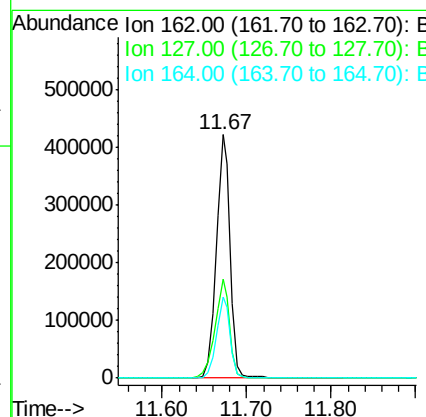
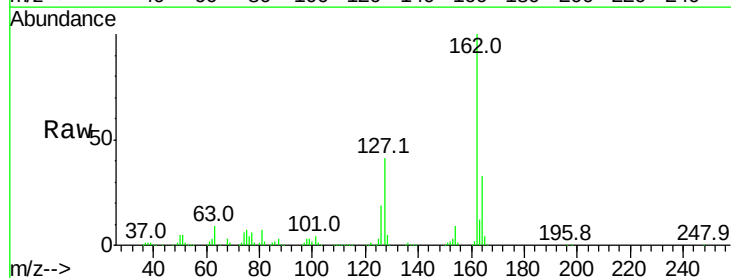
Manual Integrations
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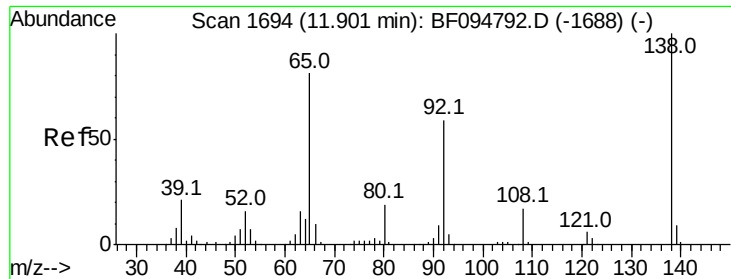
mohammad
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#46
 2-Chloronaphthalene
 Concen: 37.96 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.9	28.3	42.5	
164	33.2	27.0	40.4	





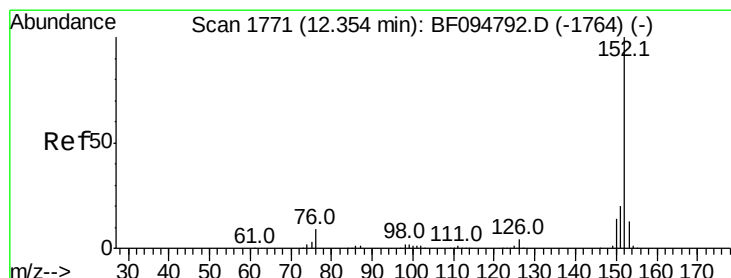
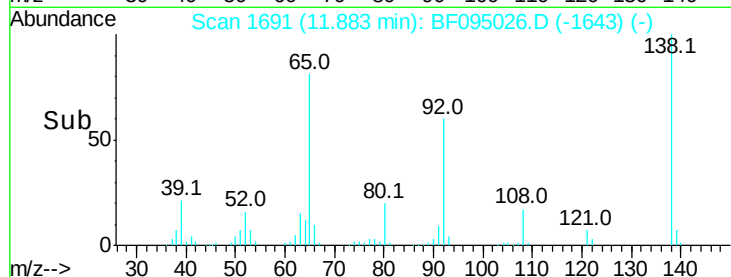
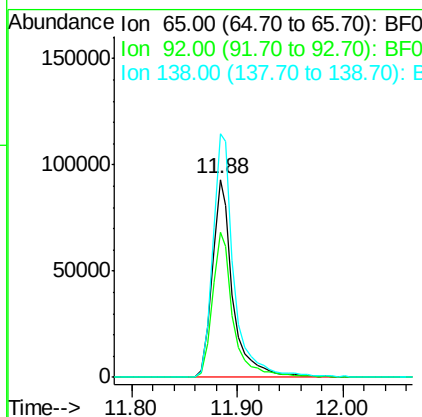
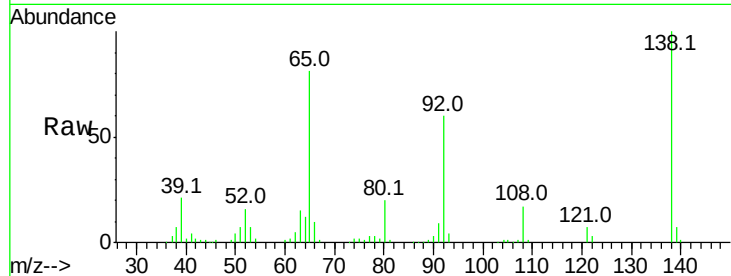
#47
2-Nitroaniline
Concen: 35.89 ng
RT: 11.88 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.6	53.9	80.9
138	123.3	78.8	118.2

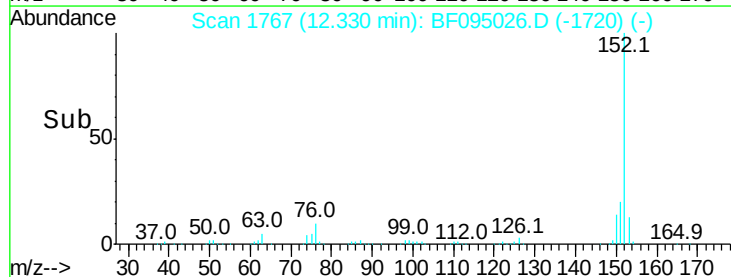
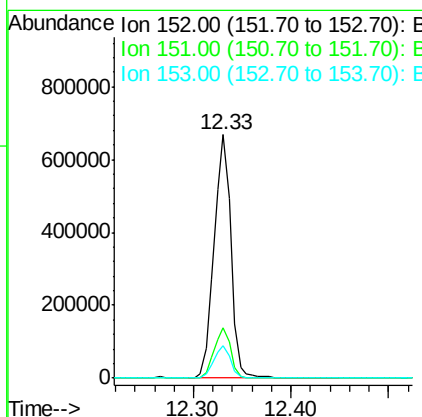
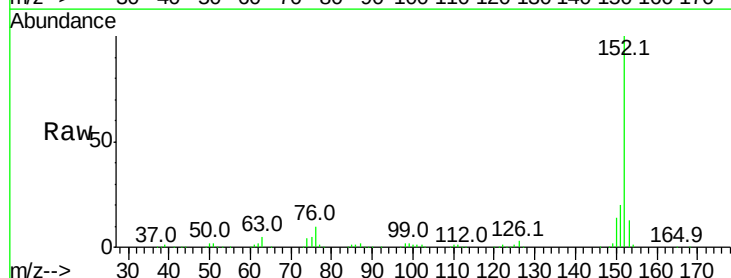
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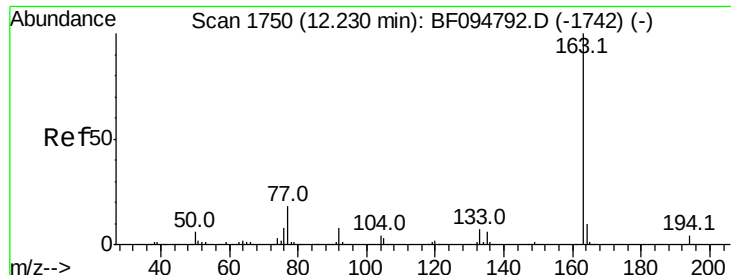
mohammad
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#48
Acenaphthylene
Concen: 39.36 ng
RT: 12.33 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.3	10.8	16.2





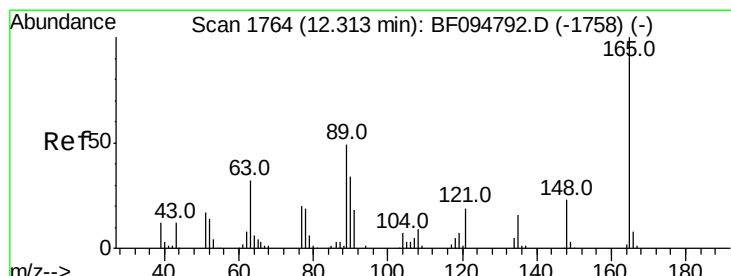
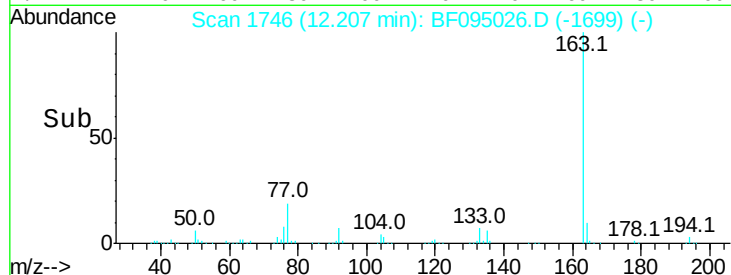
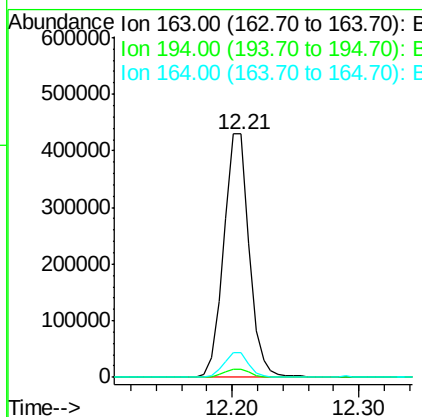
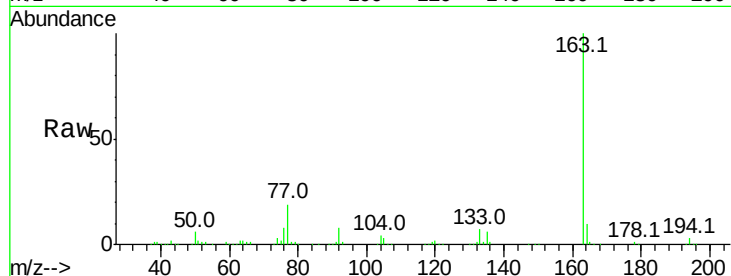
#49
Dimethylphthalate
Concen: 38.08 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.3	8.4	12.6	

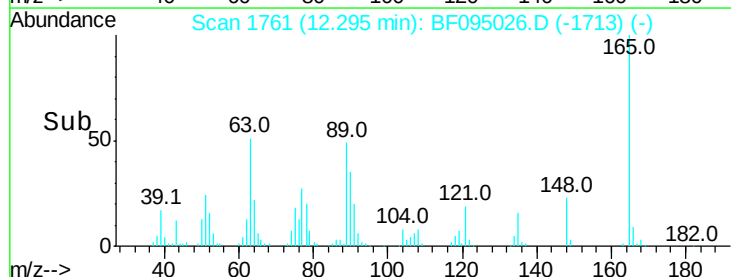
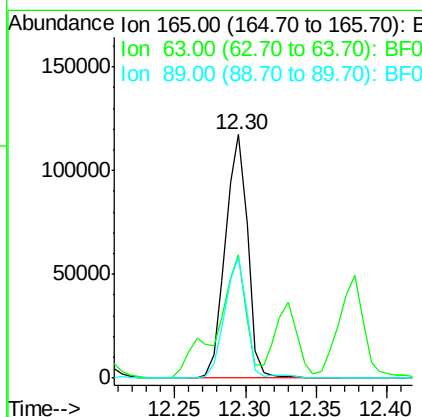
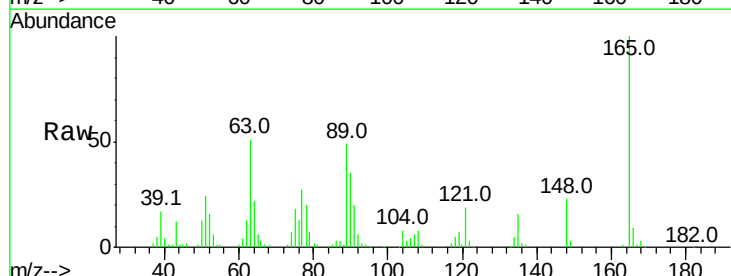
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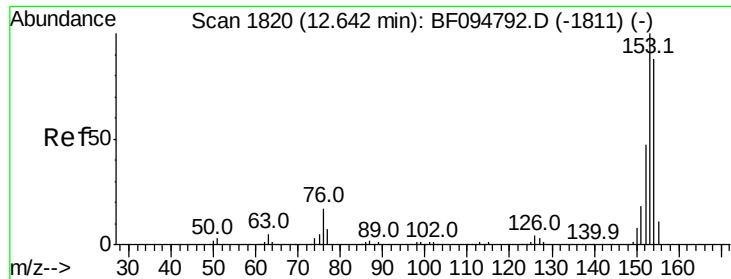
mohammad
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#50
2,6-Dinitrotoluene
Concen: 40.49 ng
RT: 12.30 min Scan# 1761
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.9	34.3	51.5	
89	49.4	37.1	55.7	





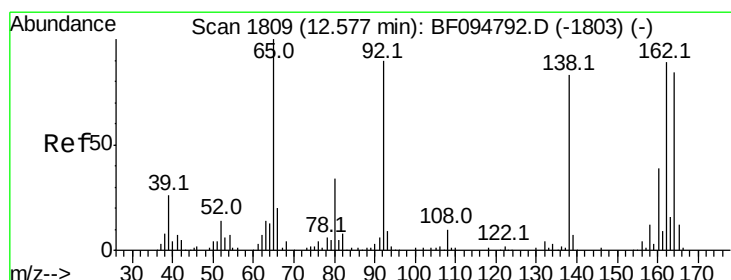
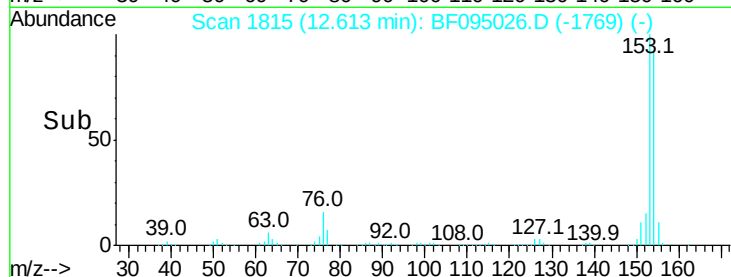
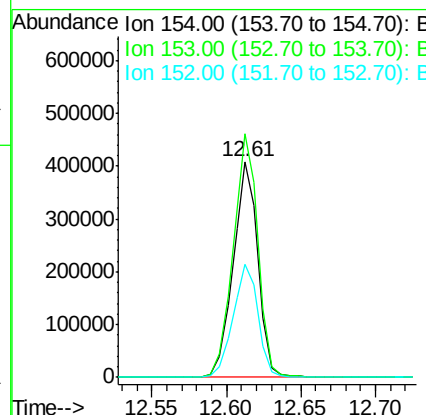
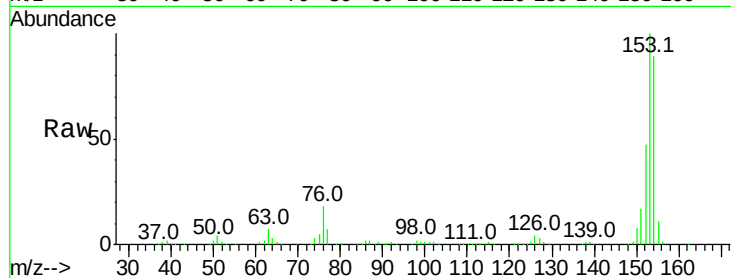
#51
Acenaphthene
Concen: 38.91 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.5	135.7
152	52.7	43.6	65.4

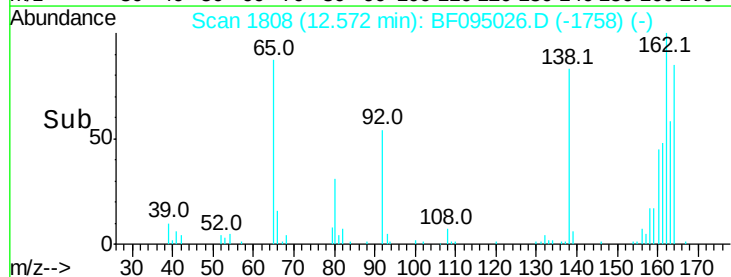
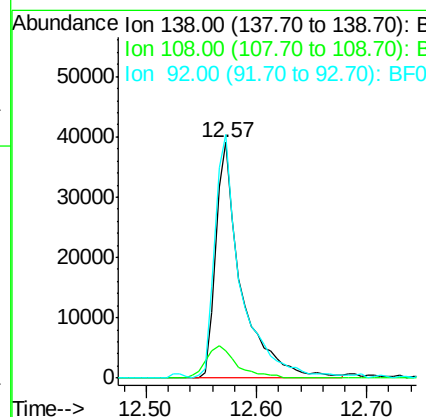
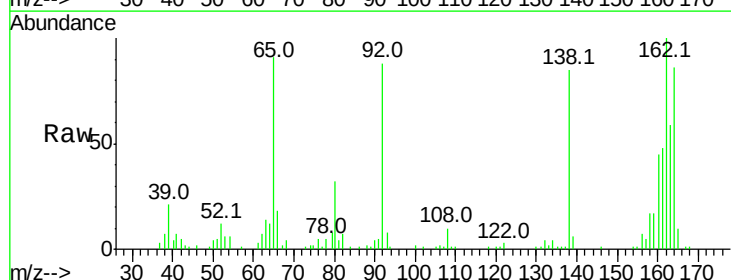
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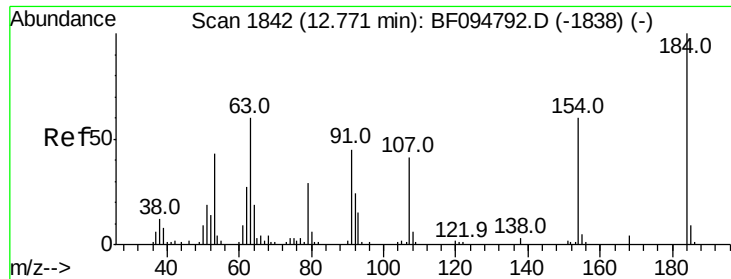
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#52
3-Nitroaniline
Concen: 18.09 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.1	13.7
92	103.4	93.8	140.6





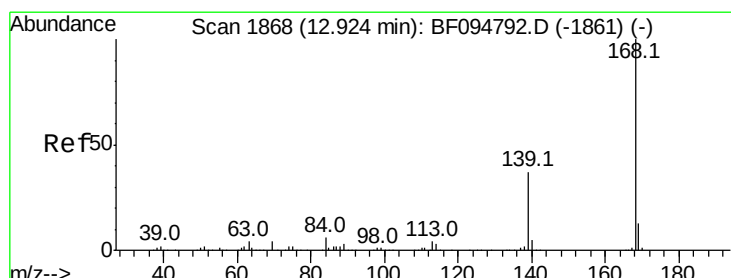
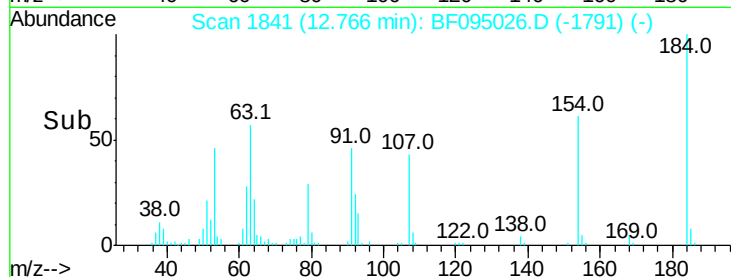
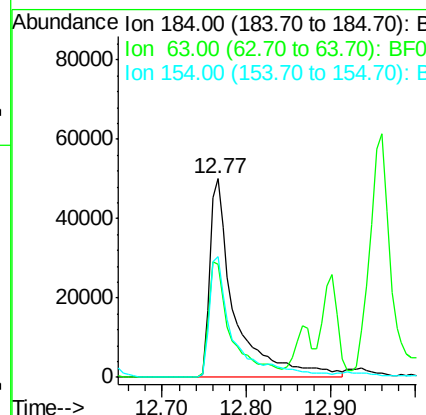
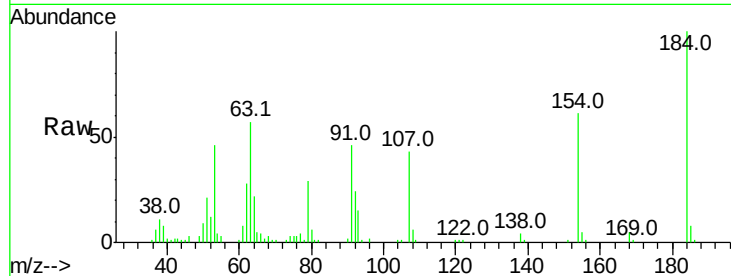
#53
 2,4-Dinitrophenol
 Concen: 59.74 ng
 RT: 12.77 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	102317		
63	57.0	62.7	94.1#	
154	60.6	81.1	121.7#	

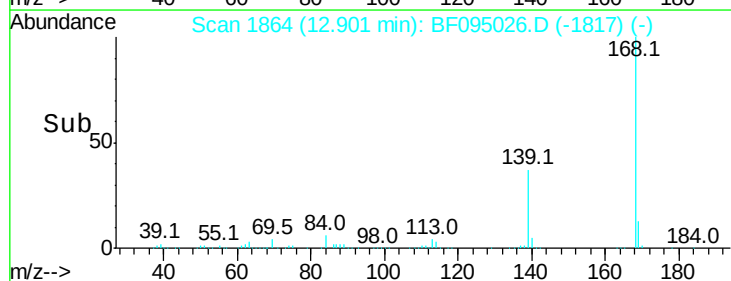
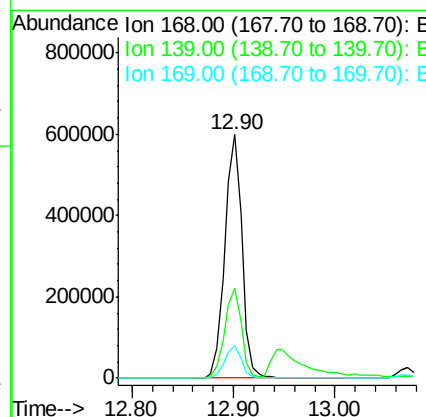
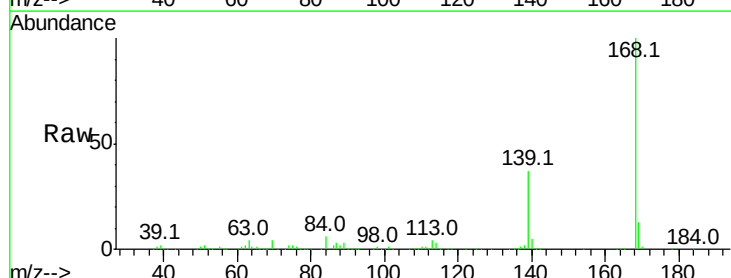
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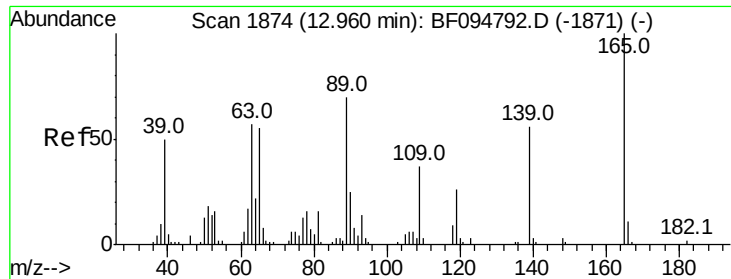
mohammad
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#54
 Dibenzofuran
 Concen: 41.81 ng
 RT: 12.90 min Scan# 1864
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	703448		
139	37.0	30.6	45.8	
169	13.3	10.8	16.2	





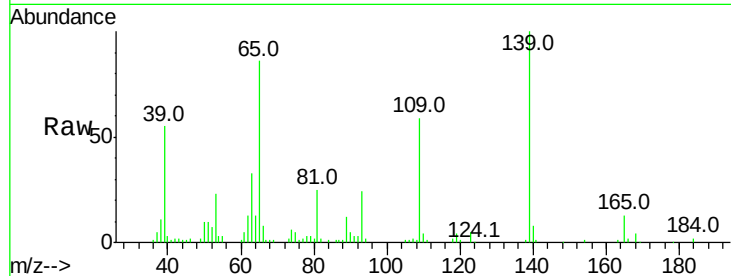
#55
4-Nitrophenol
Concen: 89.17 ng
RT: 12.94 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampled :
PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	184031		
109	58.8	34.1	74.1	
65	86.5	31.4	71.4	

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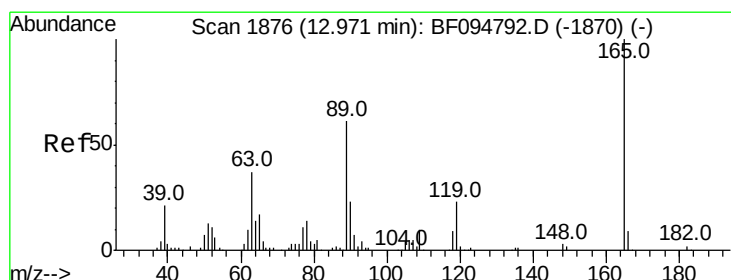
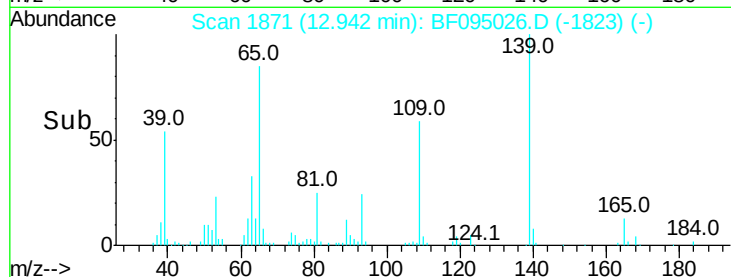
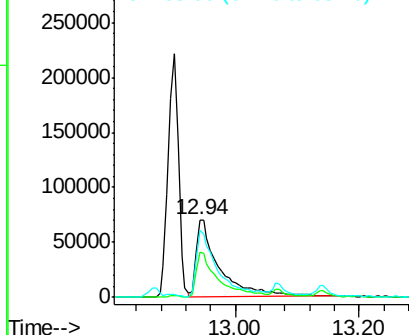


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56
2,4-Dinitrotoluene
Concen: 43.36 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	178369		
63	43.7	25.4	38.0	
89	63.2	46.4	69.6	
182	2.7	1.8	2.6	

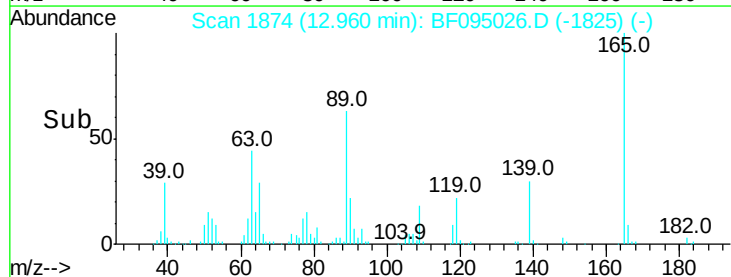
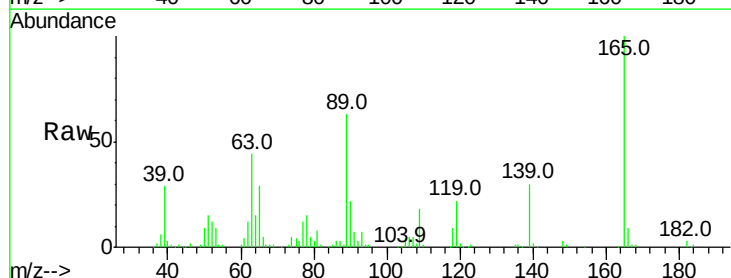
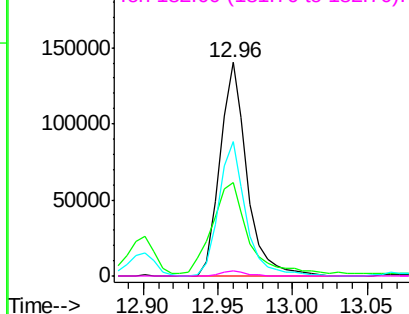
Abundance

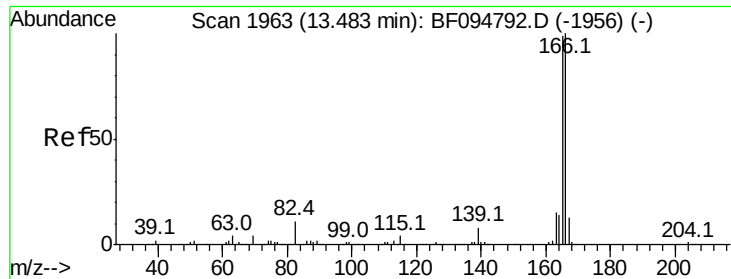
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





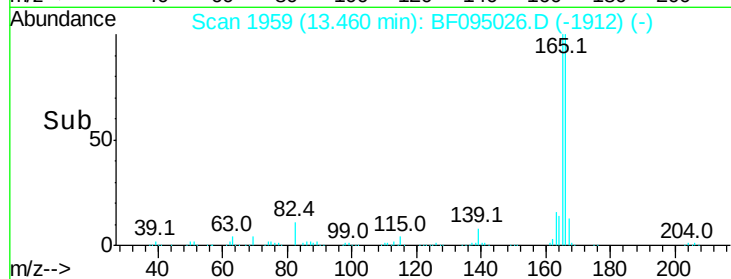
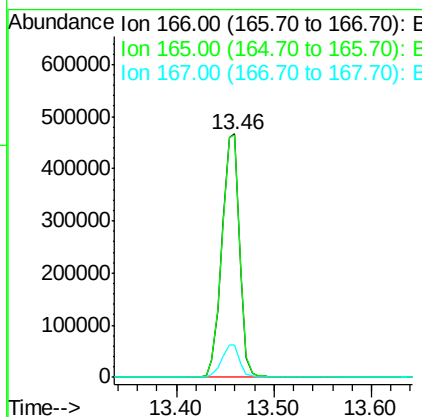
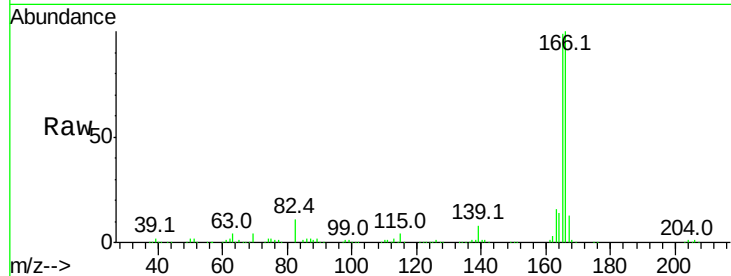
#57
 Fluorene
 Concen: 39.85 ng
 RT: 13.46 min Scan# 1959
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	582905		
165	99.5	78.8	118.2	
167	13.3	10.6	16.0	

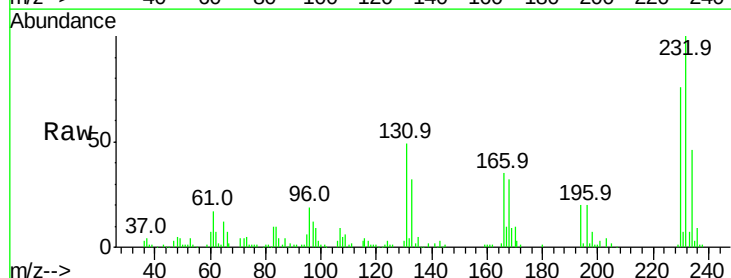
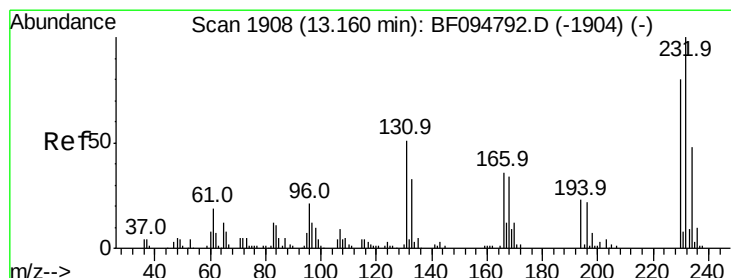
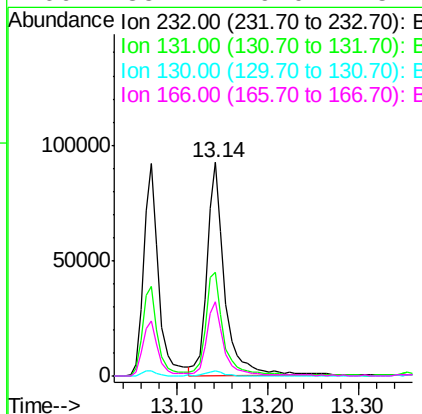
Manual Integrations
 APPROVED

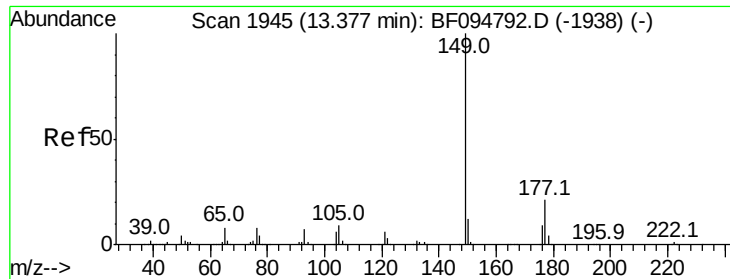
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.94 ng
 RT: 13.14 min Scan# 1905
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	124607		
131	50.2	44.8	67.2	
130	2.4	2.3	3.5	
166	35.7	29.0	43.4	





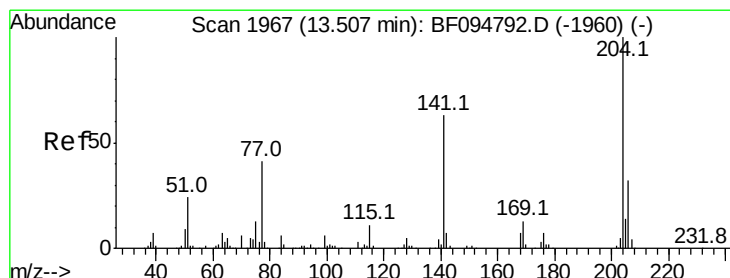
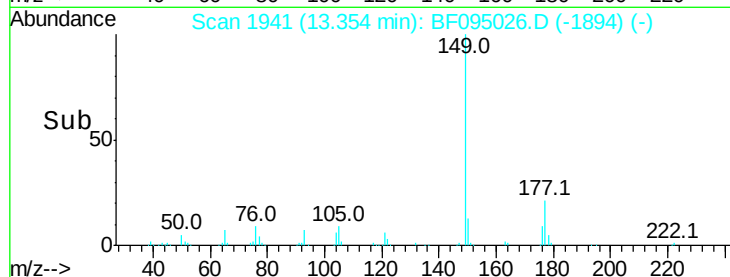
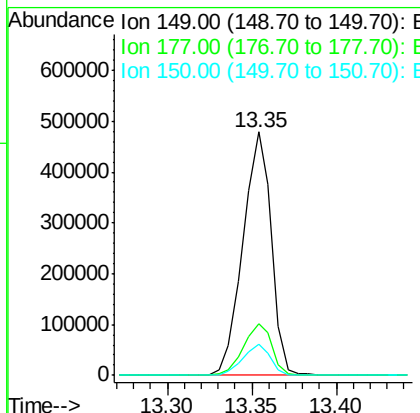
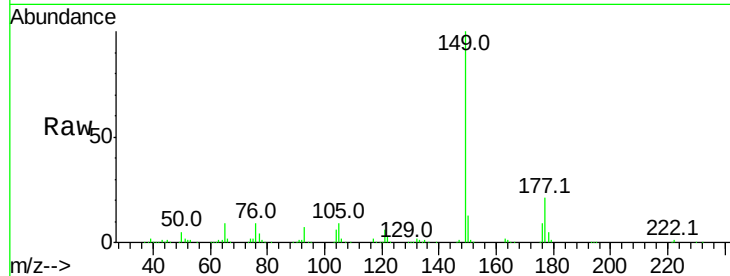
#59
Diethylphthalate
Concen: 37.40 ng
RT: 13.35 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	562565		
177	21.2	16.7	25.1	
150	12.6	10.2	15.2	

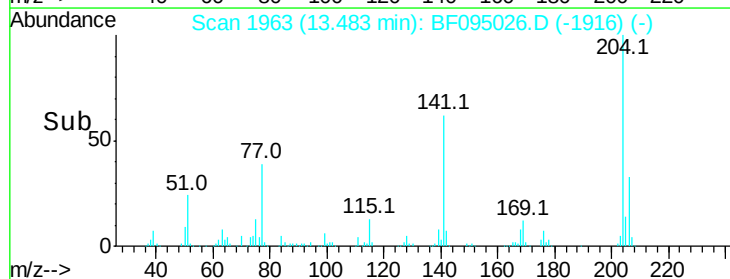
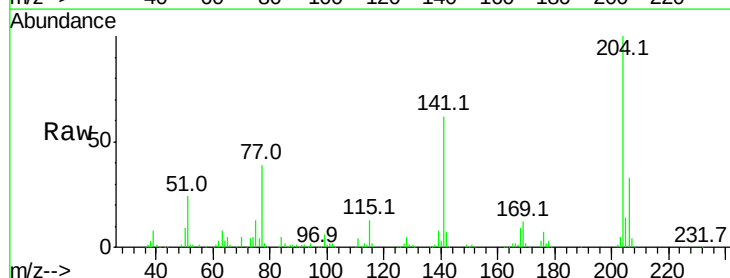
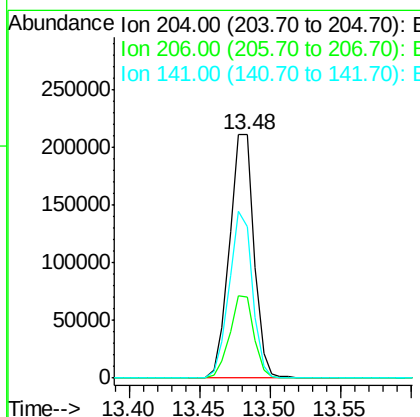
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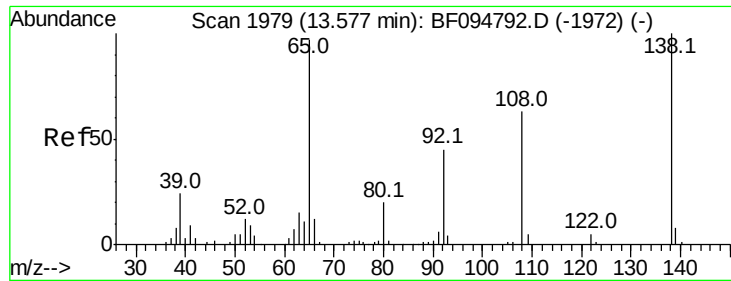
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#60
4-Chlorophenyl-phenylether
Concen: 39.87 ng
RT: 13.48 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	256324		
206	33.3	26.2	39.2	
141	62.3	60.8	91.2	





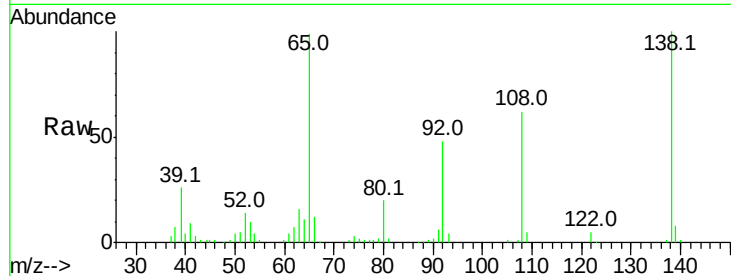
#61
4-Nitroaniline
Concen: 39.29 ng
RT: 13.57 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	123924		
92	47.9	21.8	61.8	
108	62.1	42.3	82.3	

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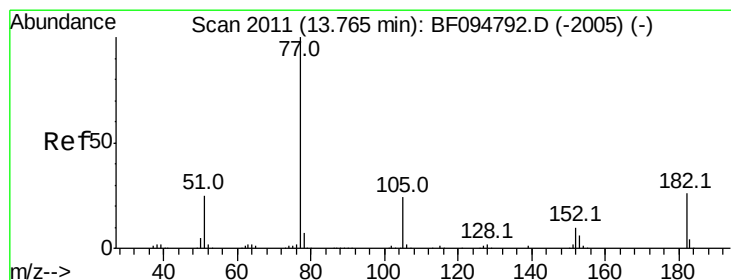
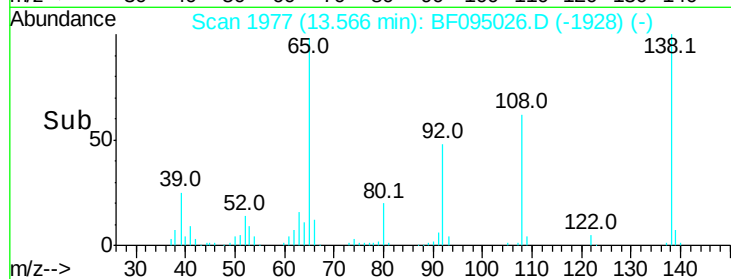
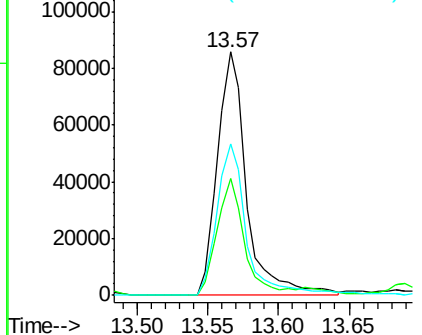


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 41.12 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	497031		
182	24.8	0.1	40.1	
105	24.9	3.6	43.6	
51	26.7	9.4	49.4	

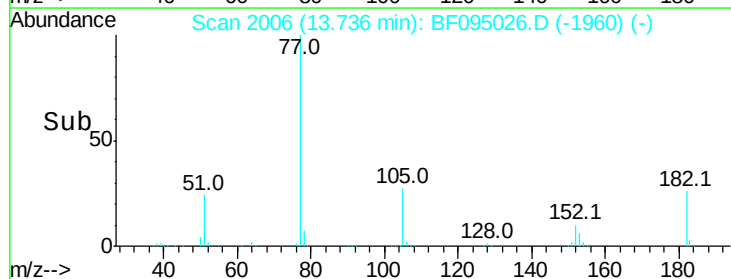
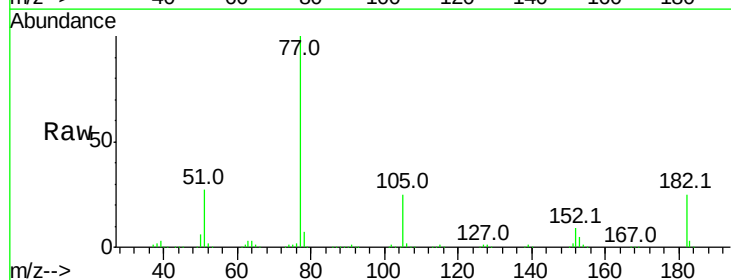
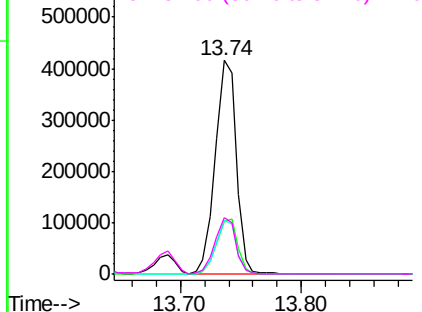
Abundance

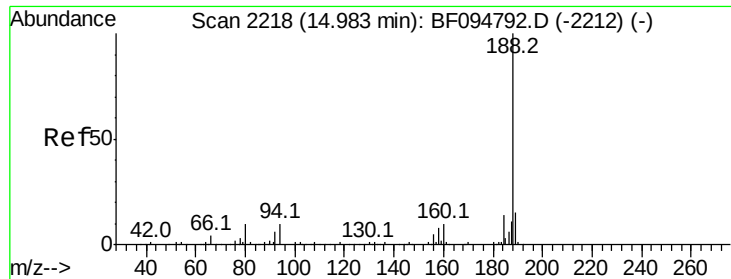
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





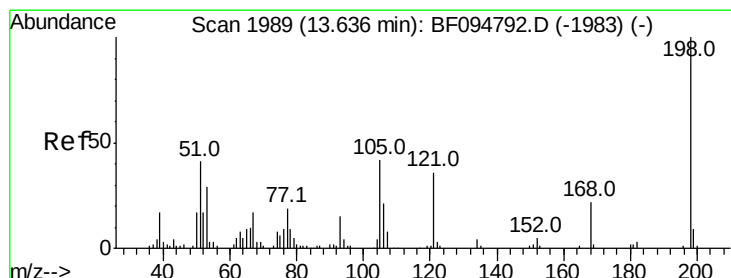
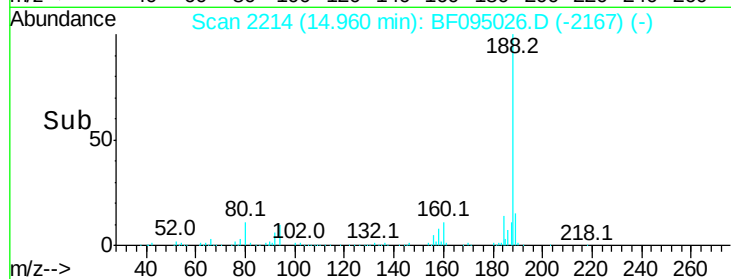
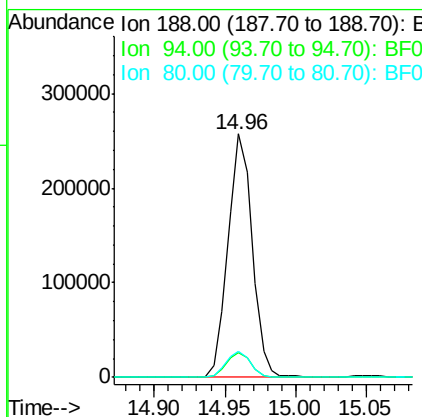
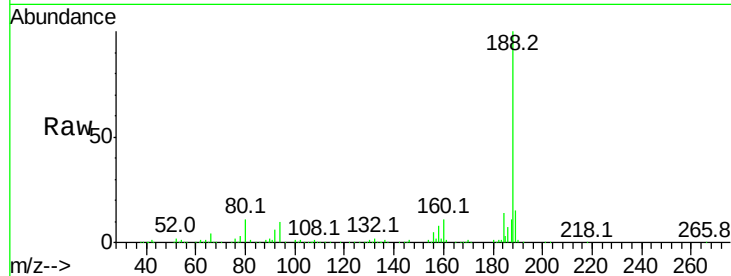
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.2	9.4	14.2	
80	10.7	10.2	15.2	

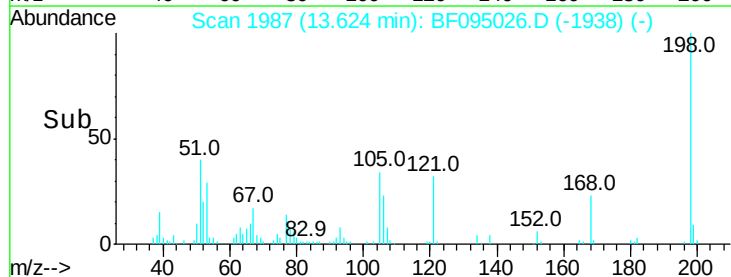
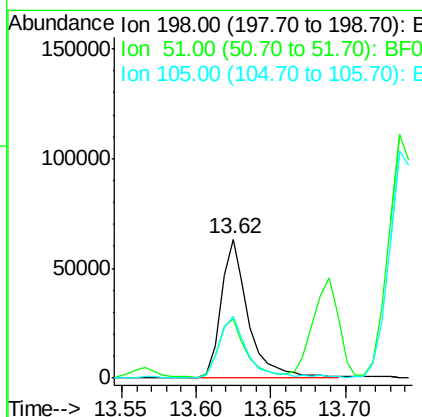
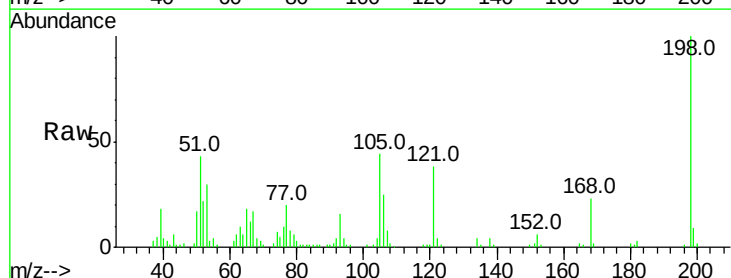
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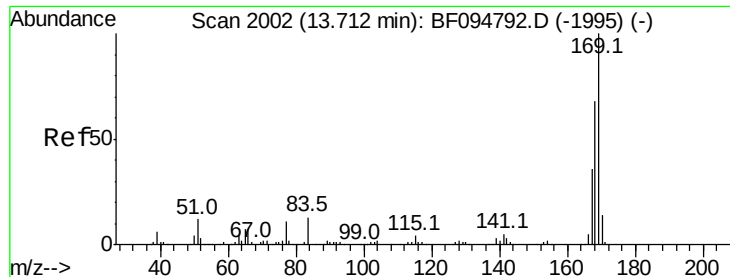
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.28 ng
 RT: 13.62 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	43.0	53.2	93.2#	
105	44.1	45.8	85.8#	





#65

n-Nitrosodiphenylamine

Concen: 40.34 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

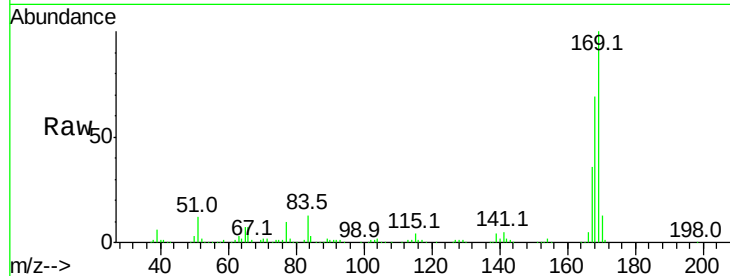
ClientSampleId :

PB98769BS

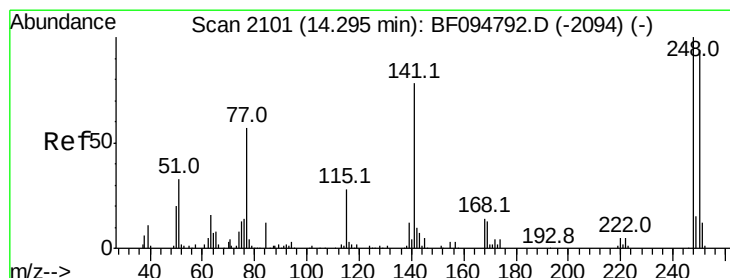
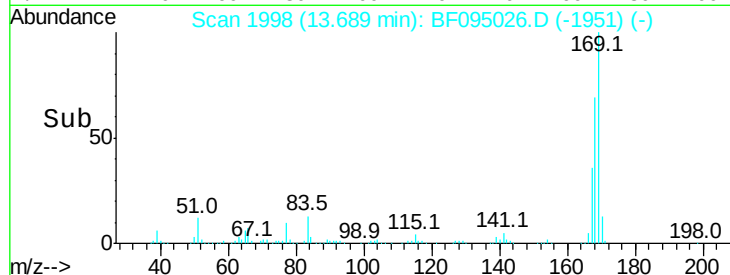
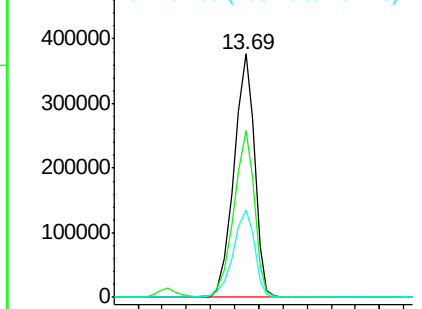
Tot Ion:	169	Resp:	451616
Ion Ratio	Lower	Upper	
169	100		
168	68.7	53.2	79.8
167	35.9	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 43.78 ng

RT: 14.27 min Scan# 2096

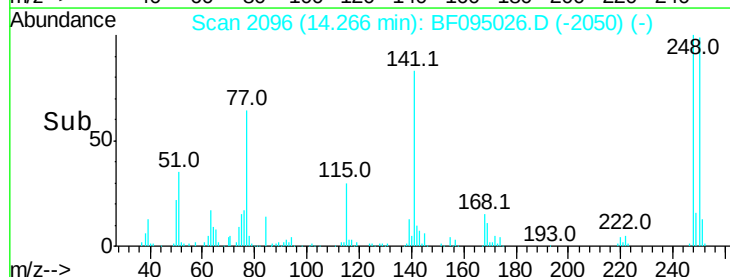
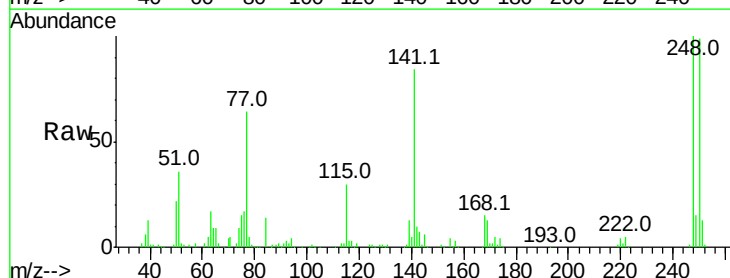
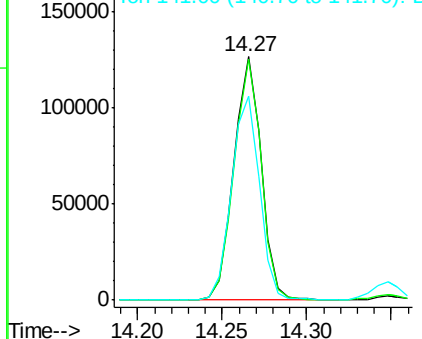
Delta R.T. -0.03 min

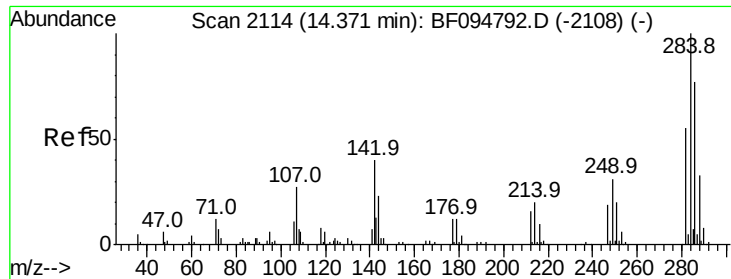
Lab File: BF095026.D

Acq: 9 May 2017 17:26

Tgt Ion:	248	Resp:	142675
Ion Ratio	Lower	Upper	
248	100		
250	99.1	76.8	115.2
141	83.9	68.6	103.0

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





#67

Hexachlorobenzene

Concen: 42.45 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

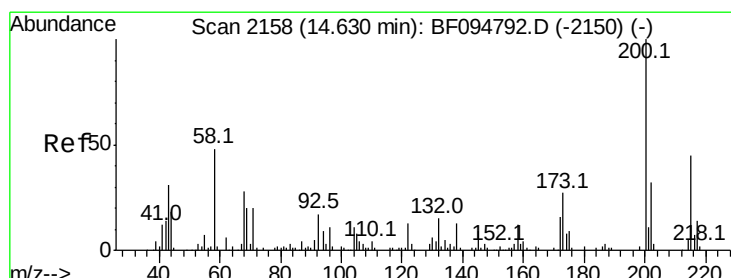
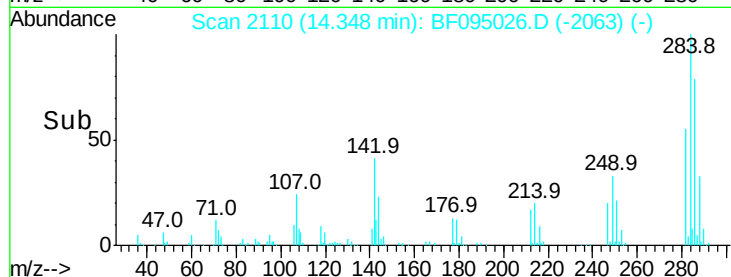
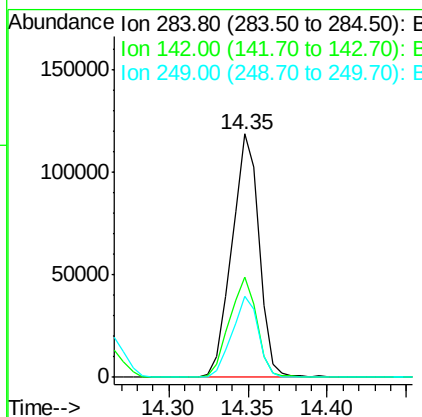
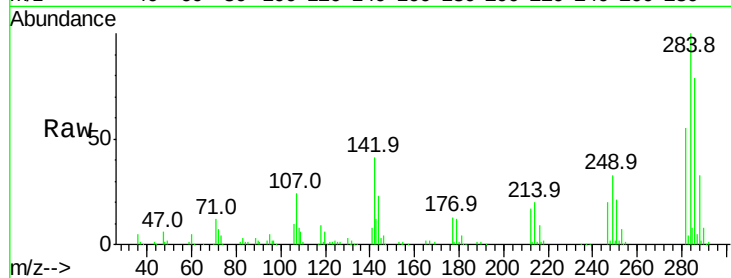
ClientSampleId :

PB98769BS

Tot Ion:	284	Resp:	141794
Ion Ratio		Lower	Upper
284	100		
142	41.0	22.8	34.2#
249	33.2	24.0	36.0

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#68

Atrazine

Concen: 46.28 ng

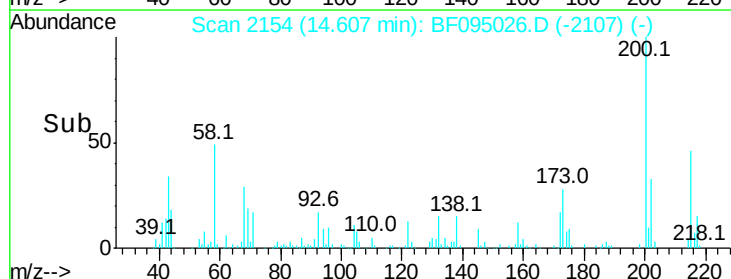
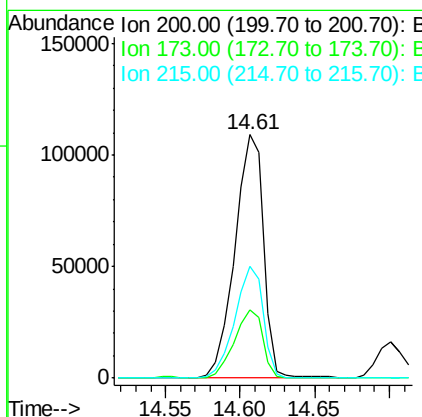
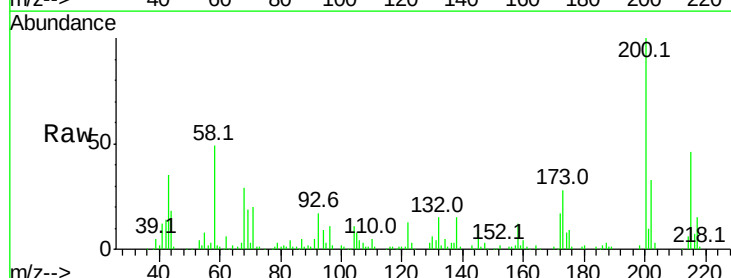
RT: 14.61 min Scan# 2154

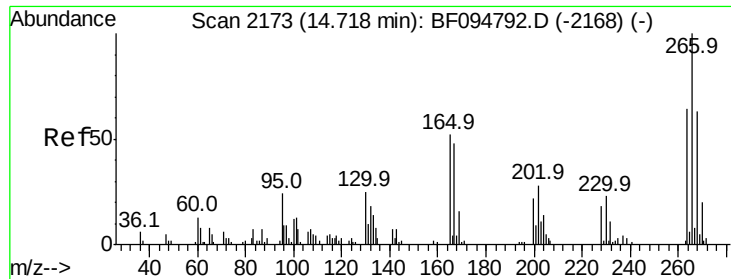
Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Tgt Ion:	200	Resp:	146315
Ion Ratio		Lower	Upper
200	100		
173	28.0	6.3	46.3
215	46.0	27.2	67.2





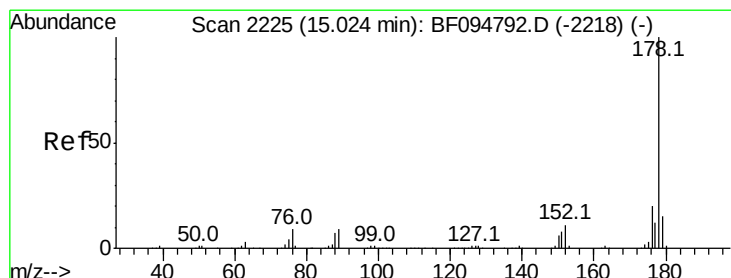
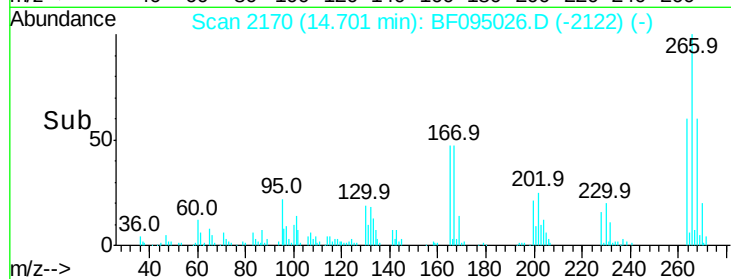
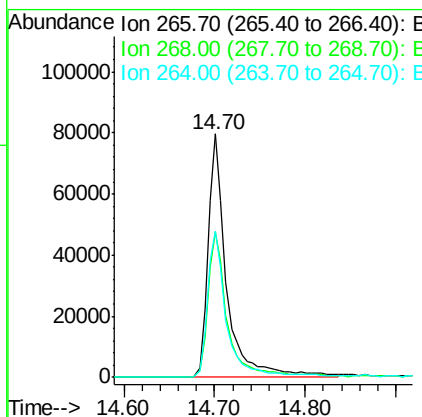
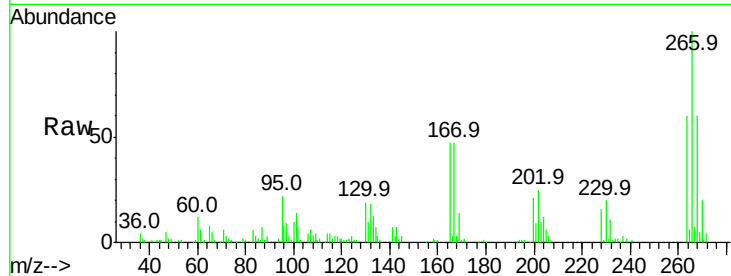
#69
 Pentachlorophenol
 Concen: 76.69 ng
 RT: 14.70 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampled :
 PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	115417		
268	59.8		51.1	76.7
264	60.0		51.7	77.5

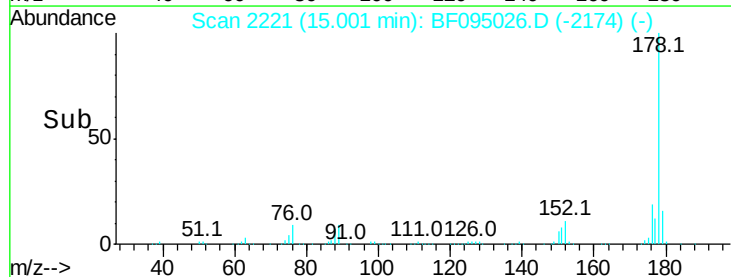
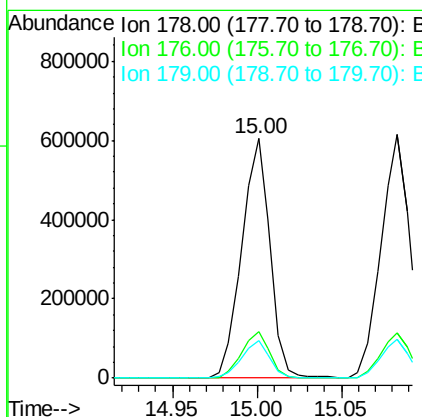
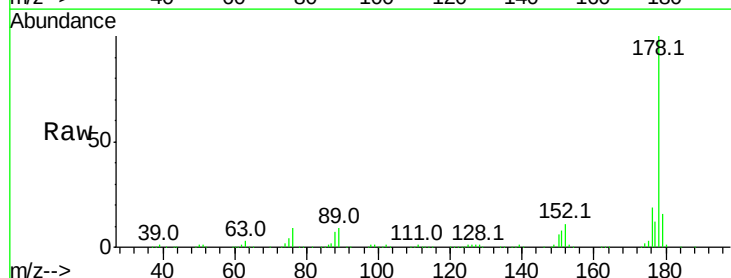
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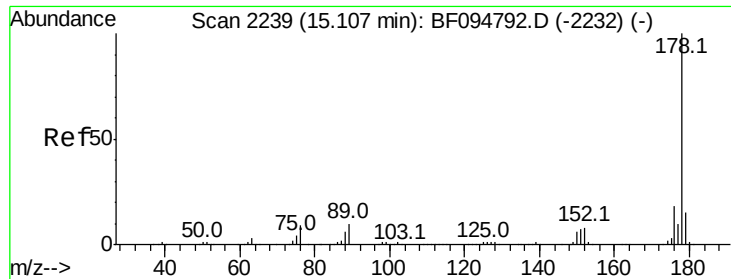
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#70
 Phenanthrene
 Concen: 39.88 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	706813		
176	19.4		16.2	24.4
179	15.6		12.6	19.0





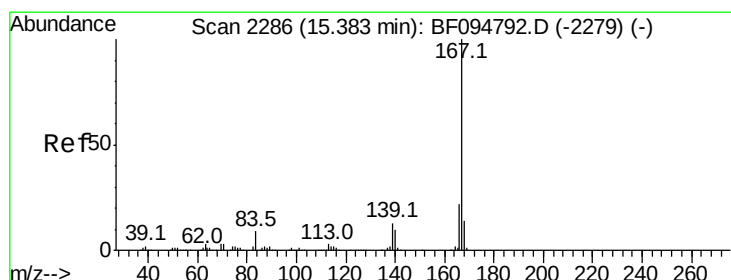
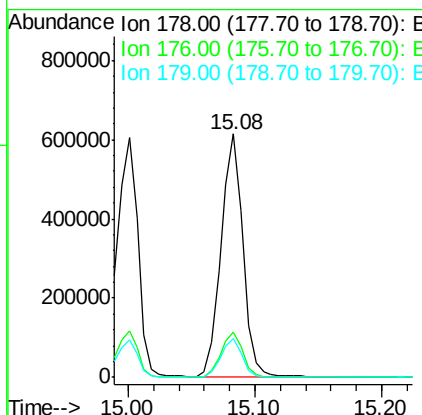
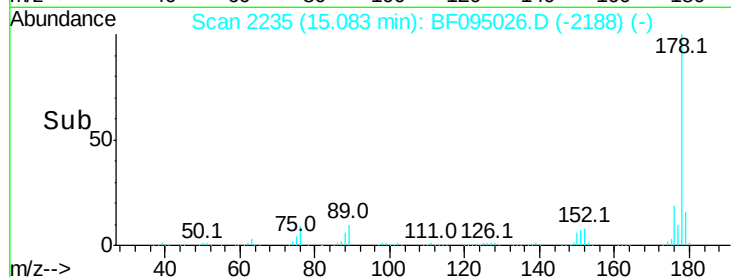
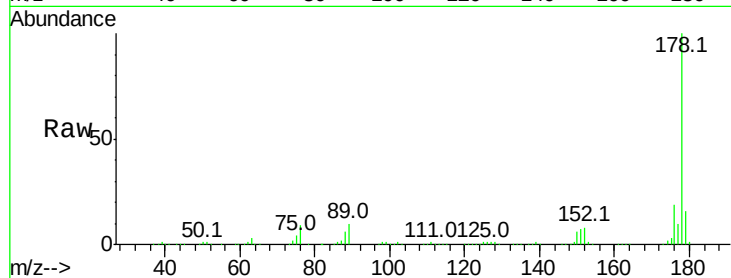
#71
 Anthracene
 Concen: 40.86 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	739752		
176	18.7		15.8	23.8
179	15.7		12.7	19.1

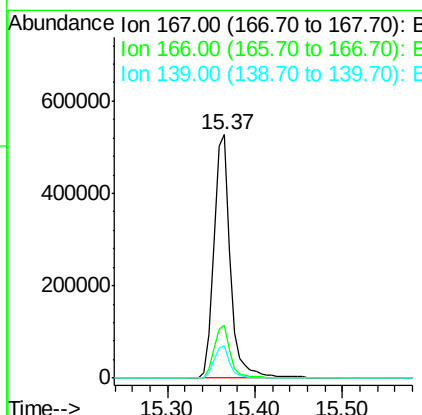
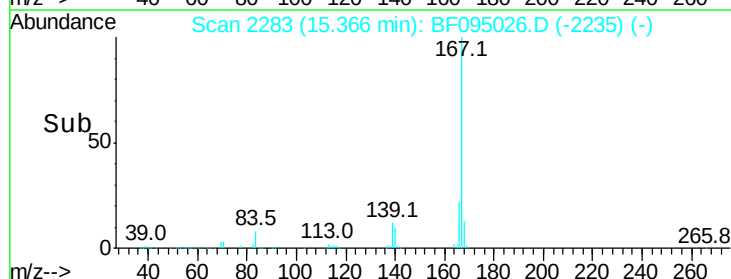
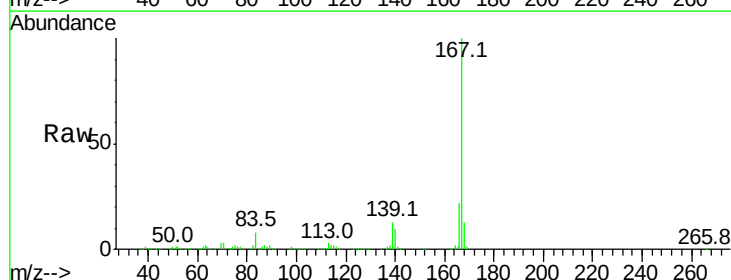
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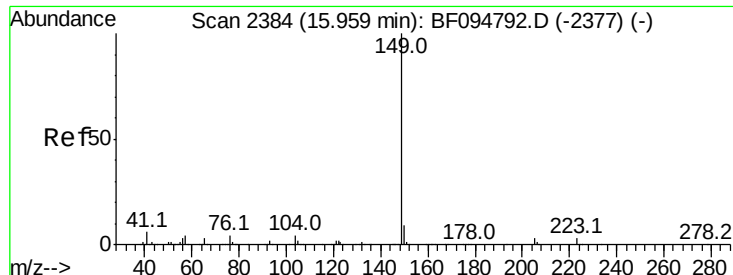
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#72
 Carbazole
 Concen: 42.03 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	692335		
166	21.7		18.1	27.1
139	13.4		11.7	17.5





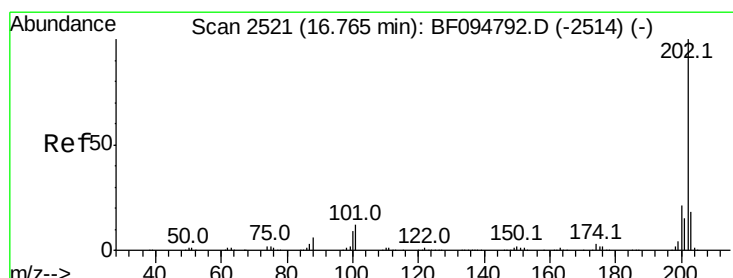
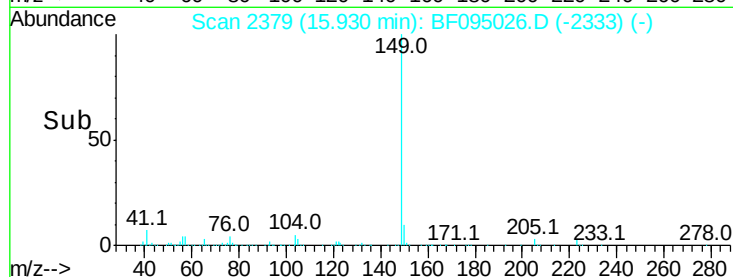
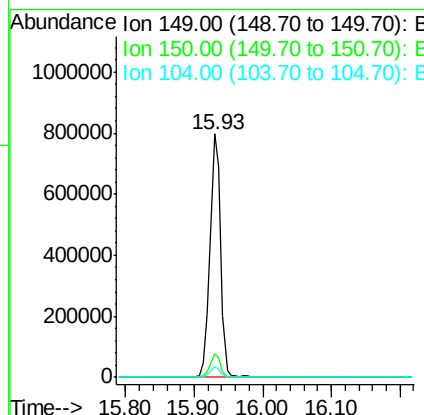
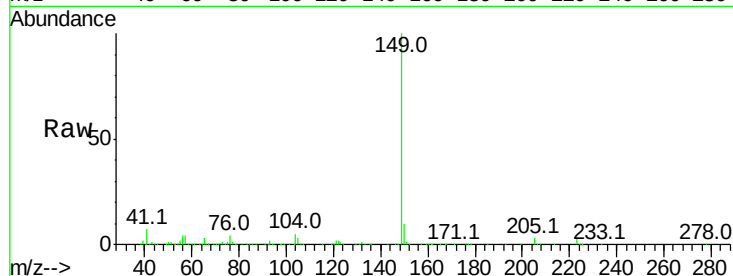
#73
Di-n-butylphthalate
Concen: 43.33 ng
RT: 15.93 min Scan# 2379
Delta R.T. -0.03 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.6	7.7	11.5	
104	4.6	4.0	6.0	

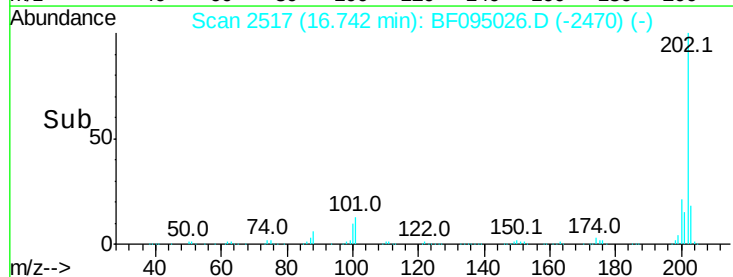
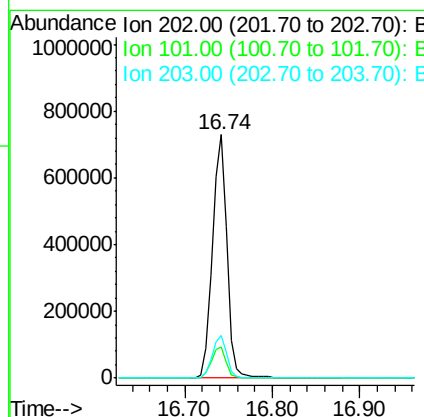
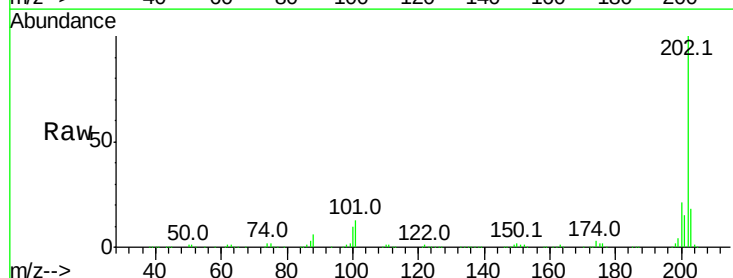
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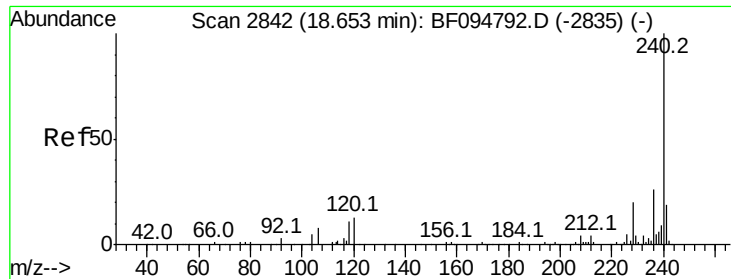
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#74
Fluoranthene
Concen: 46.52 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.0	0.0	33.2	
203	17.7	0.0	38.1	





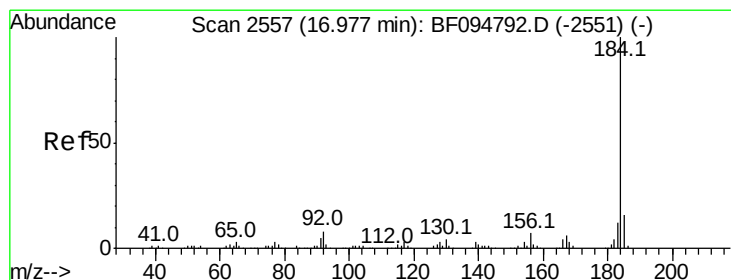
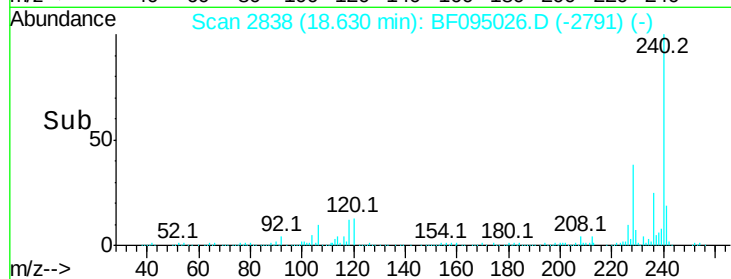
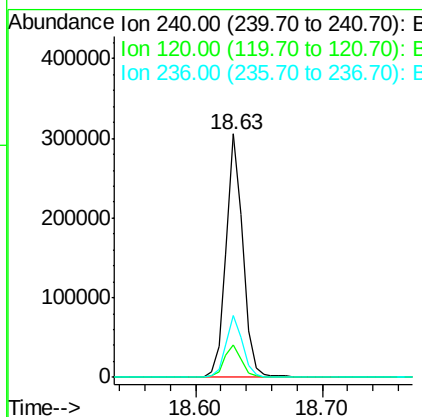
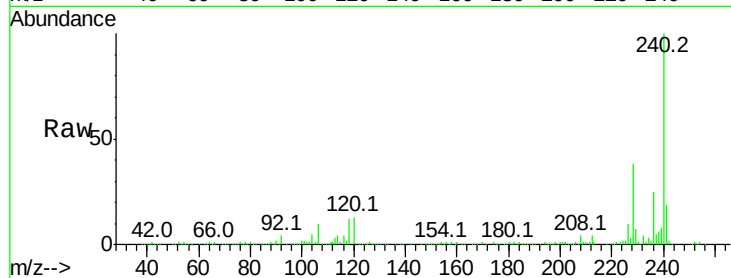
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	25.3	20.5	30.7

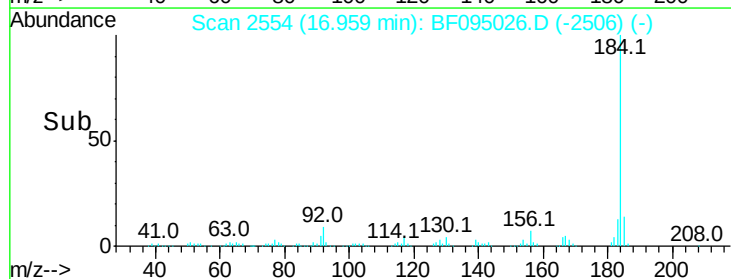
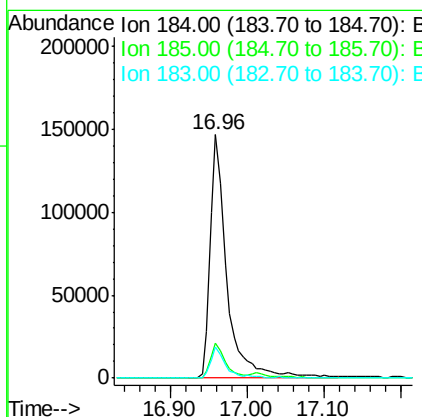
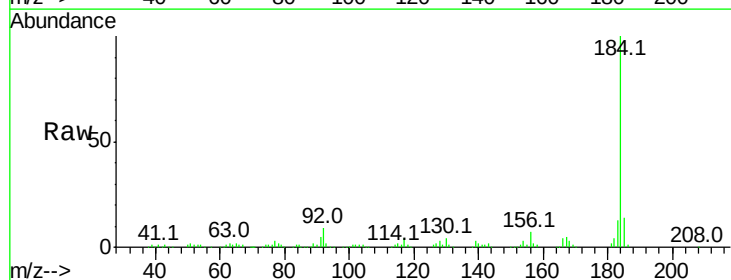
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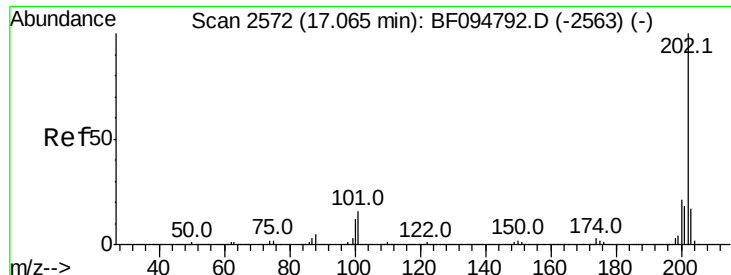
mohammad
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#76
Benzidine
Concen: 31.63 ng
RT: 16.96 min Scan# 2554
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	15.5	23.3#
183	12.8	9.8	14.6





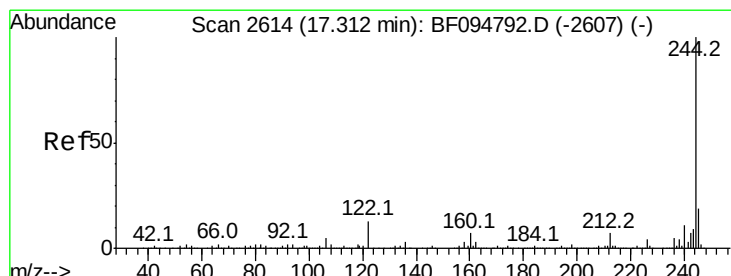
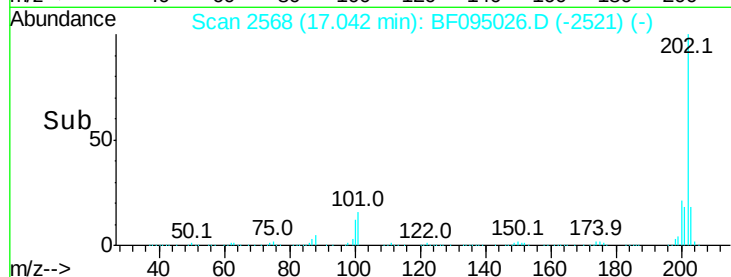
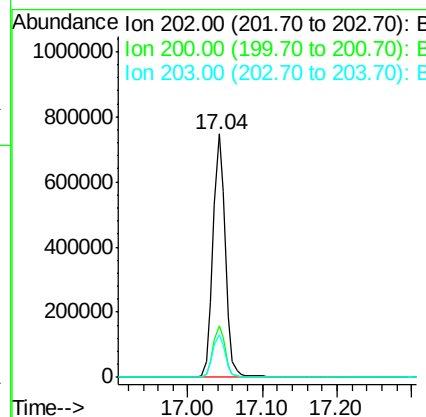
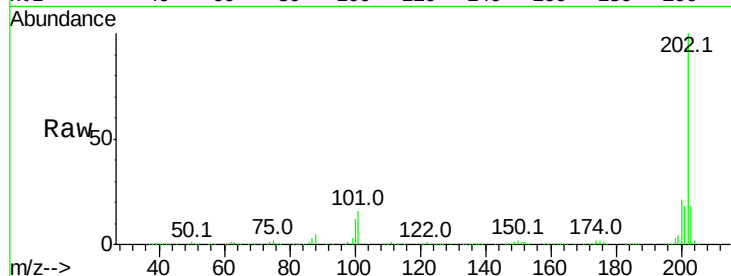
#77
Pvrene
Concen: 41.23 ng
RT: 17.04 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.6	14.4	21.6

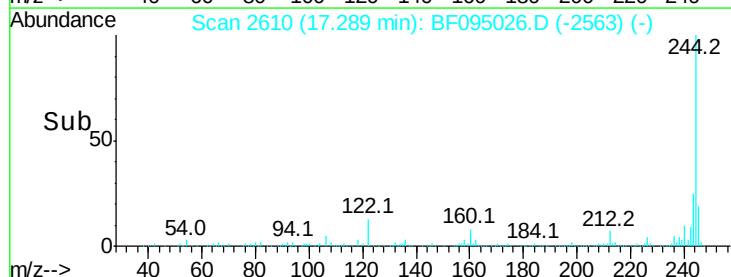
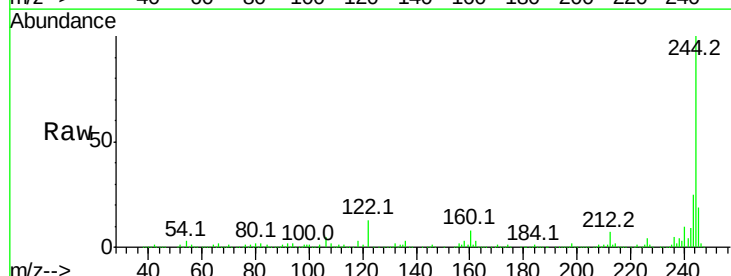
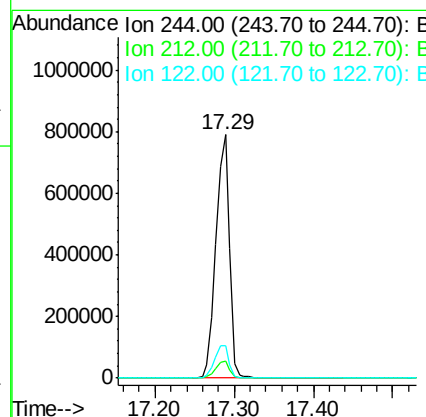
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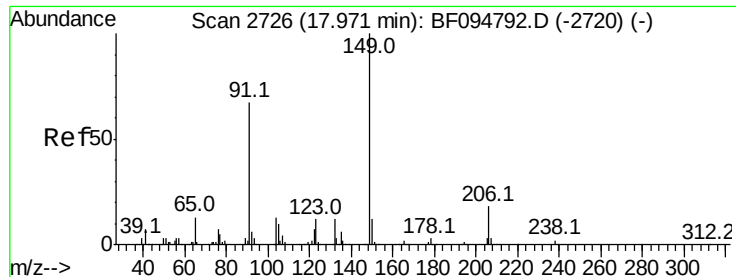
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#78
Terphenyl-d14
Concen: 73.80 ng
RT: 17.29 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.3	10.3	15.5





#79

Butylbenzylphthalate

Concen: 41.00 ng

RT: 17.95 min Scan# 2722

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

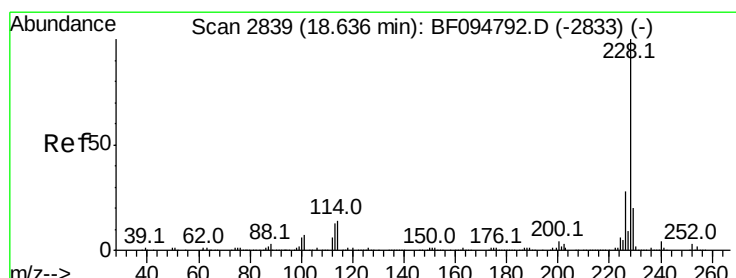
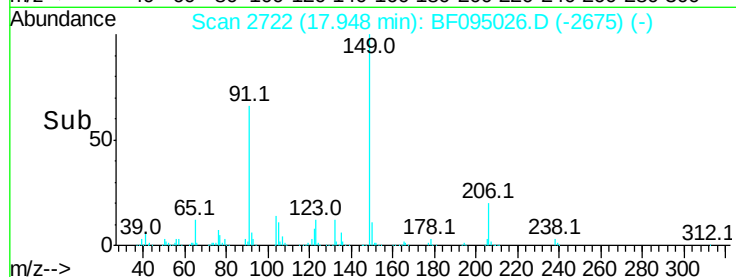
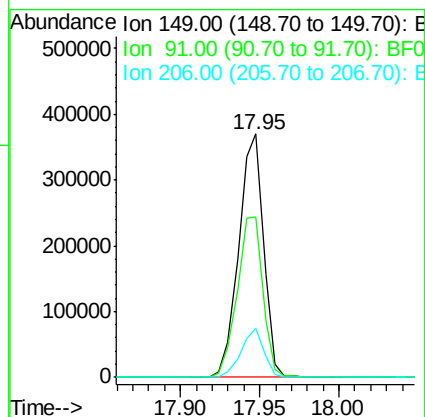
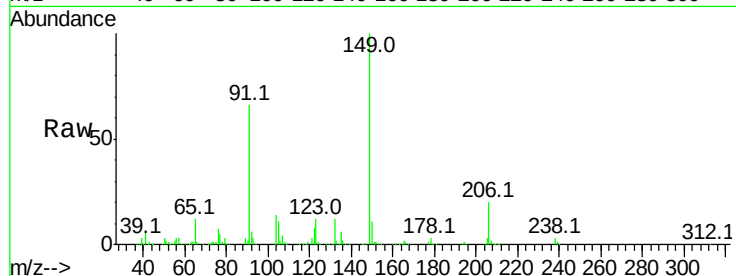
ClientSampleID :

PB98769BS

Tot Ion:	149	Resp:	400209
Ion Ratio	Lower	Upper	
149	100		
91	66.1	45.0	67.4
206	20.1	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 40.70 ng

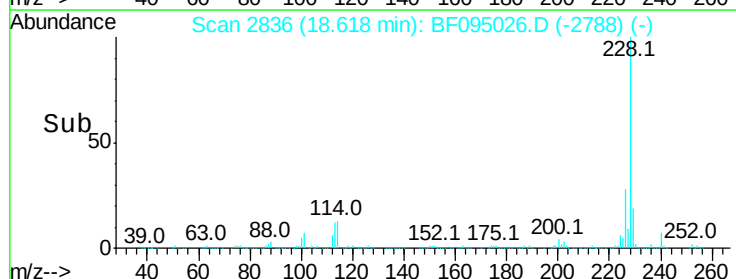
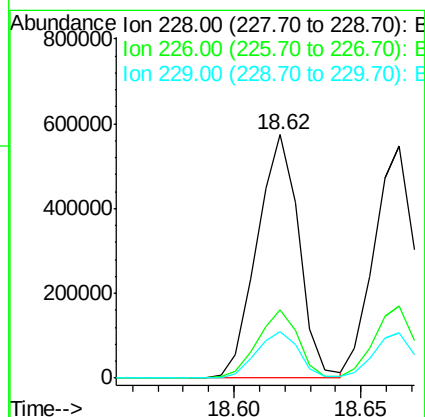
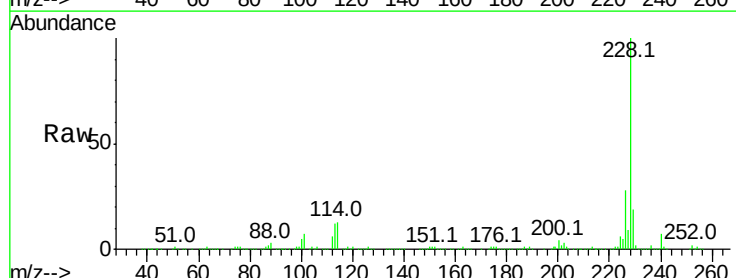
RT: 18.62 min Scan# 2836

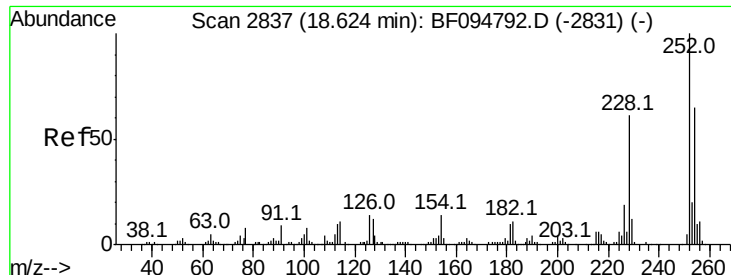
Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Tgt Ion:	228	Resp:	664689
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	19.3	16.3	24.5





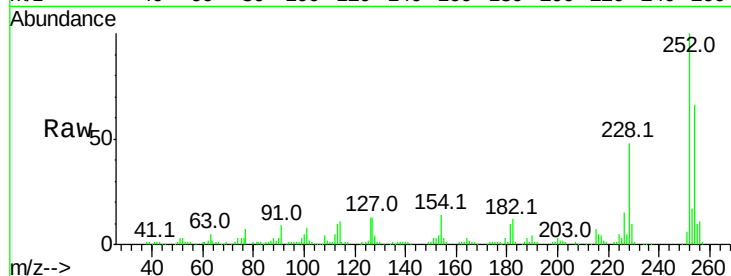
#81
 3,3'-Dichlorobenzidine
 Concen: 24.54 ng
 RT: 18.60 min Scan# 2833
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	138421		
254	66.2	51.5	77.3	
126	13.2	15.8	23.8	

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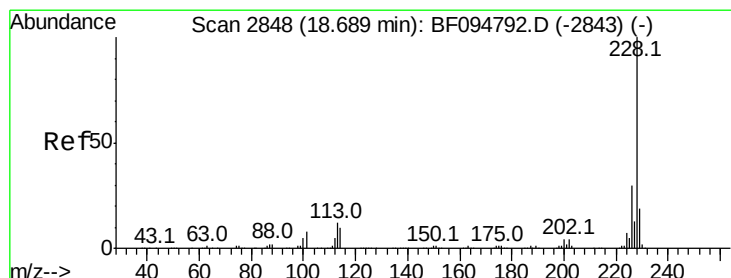
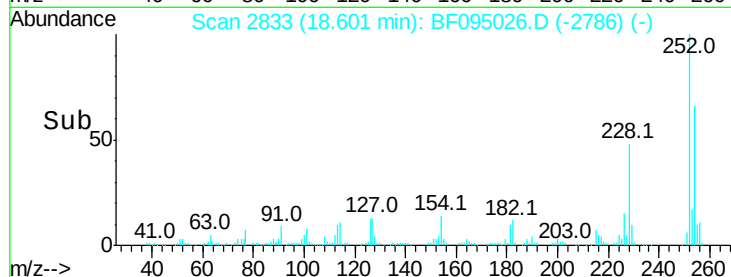
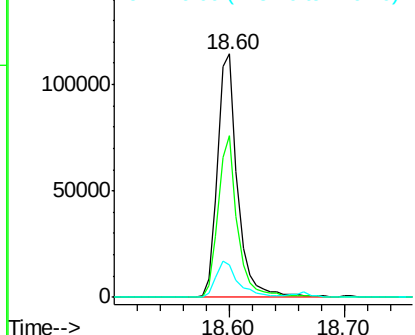


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 38.82 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

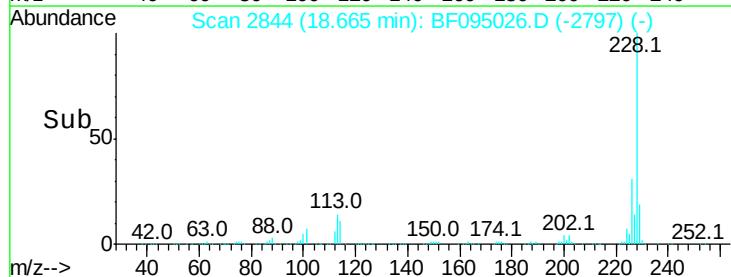
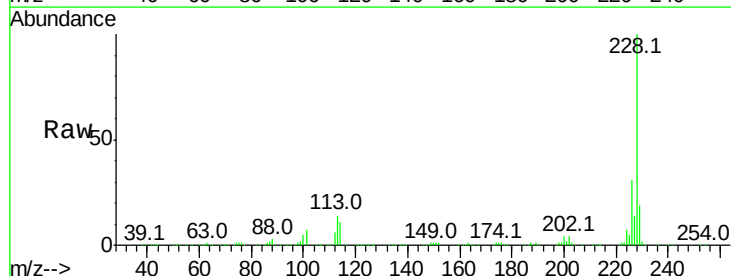
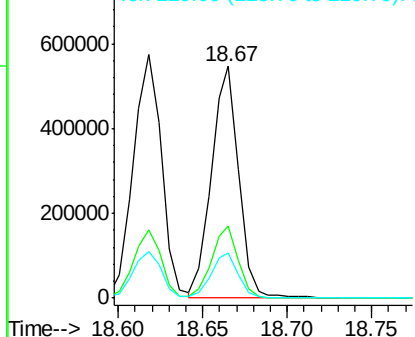
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	613010		
226	31.0	24.9	37.3	
229	19.5	15.8	23.6	

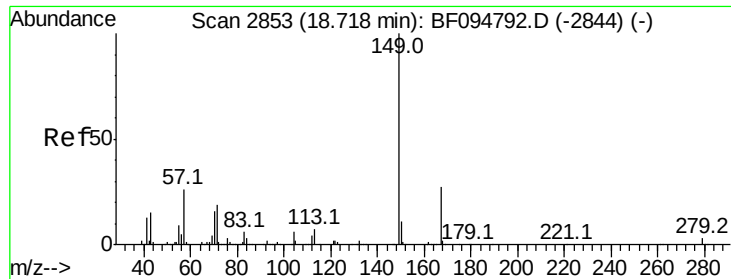
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





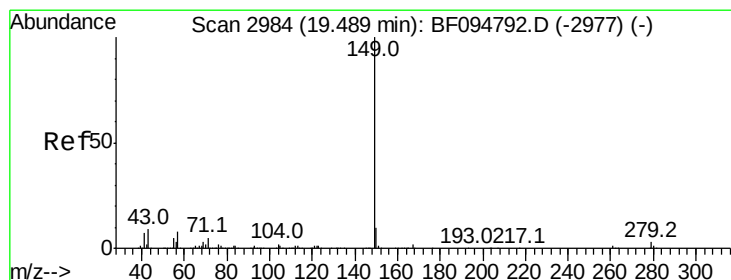
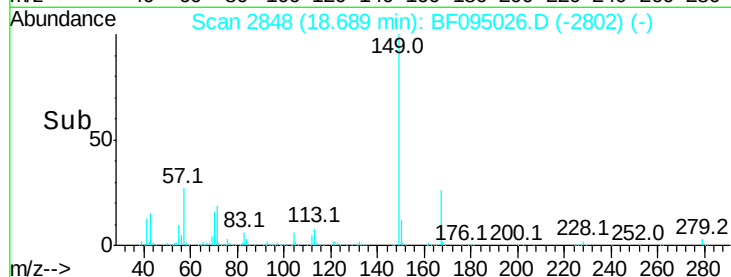
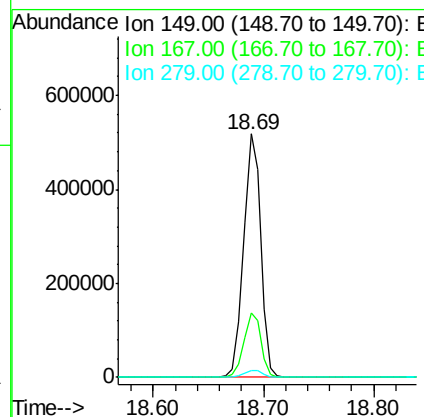
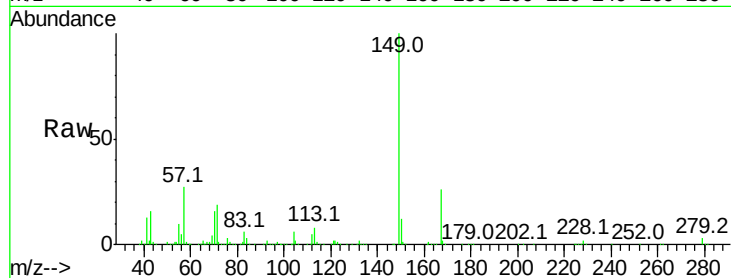
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.93 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.03 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	569197		
167	26.3		21.0	31.4
279	3.0		1.9	2.9#

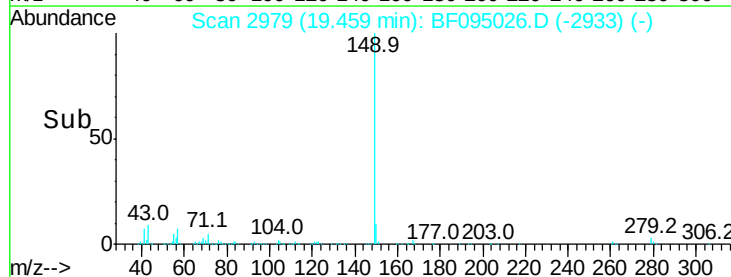
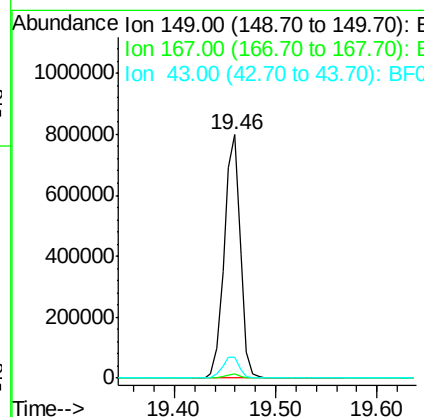
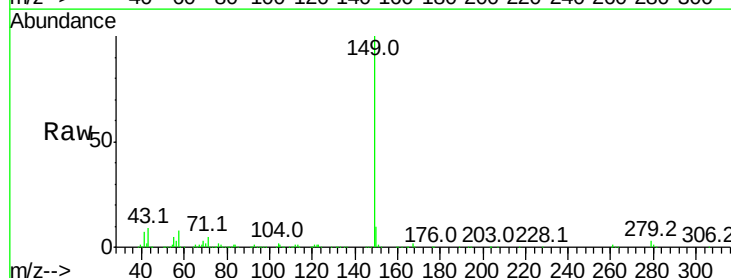
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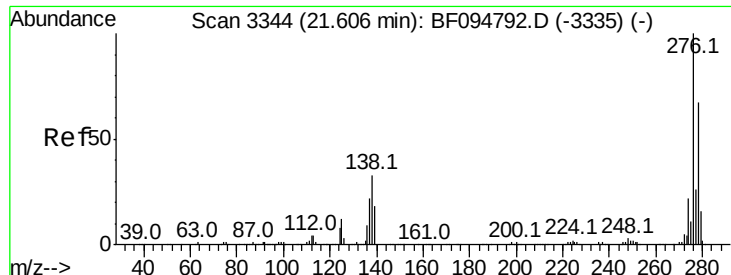
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#84
 Di-n-octyl phthalate
 Concen: 38.46 ng
 RT: 19.46 min Scan# 2979
 Delta R.T. -0.03 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	876916		
167	1.6		1.2	1.8
43	9.0		8.5	12.7





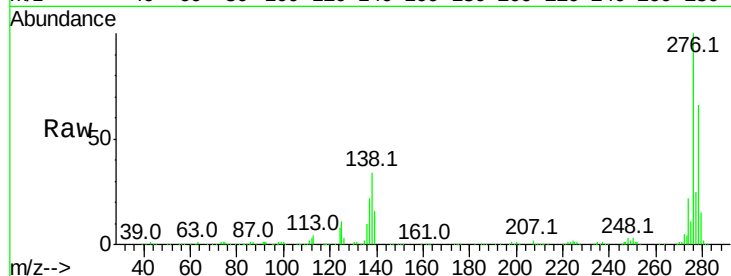
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.93 ng
RT: 21.58 min Scan# 3339
Delta R.T. -0.03 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

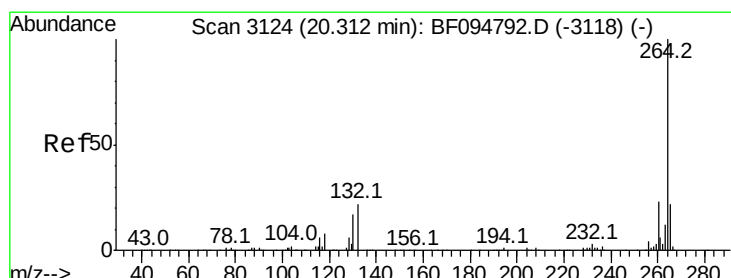
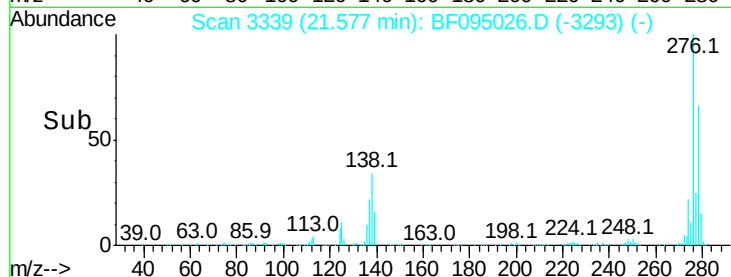
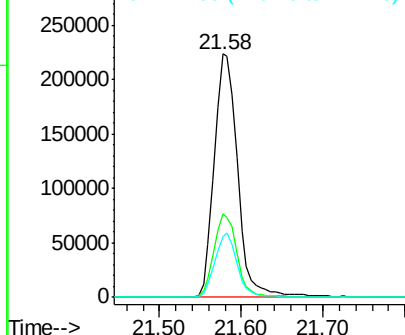
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	25.1	20.2	30.4

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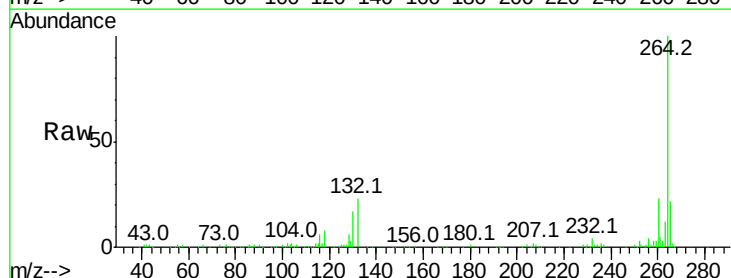


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

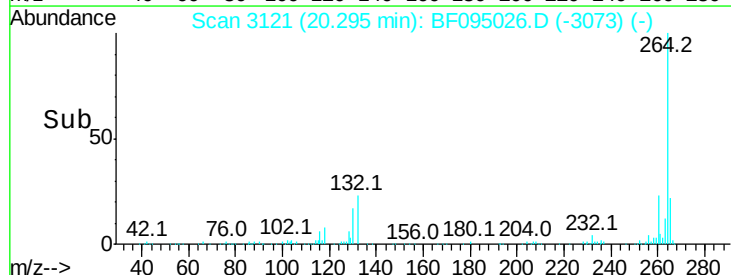
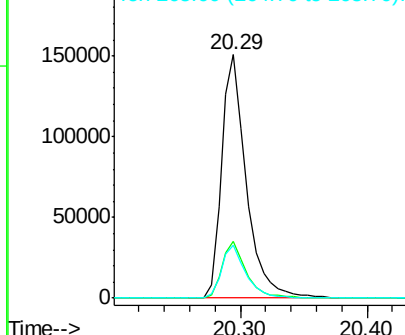


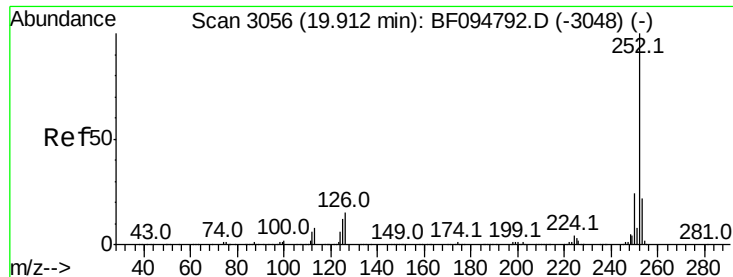
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.8	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.93 ng

RT: 19.89 min Scan# 3052

Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Instrument :

BNA_F

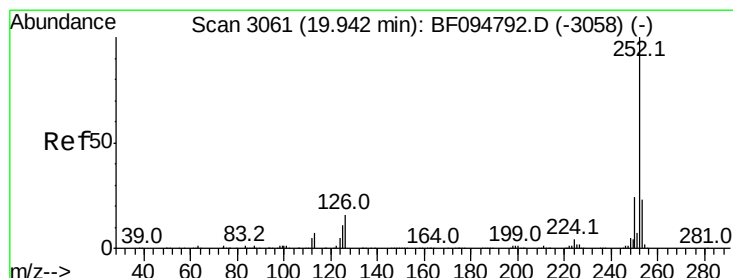
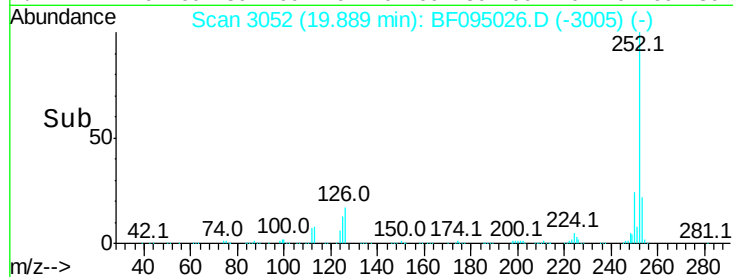
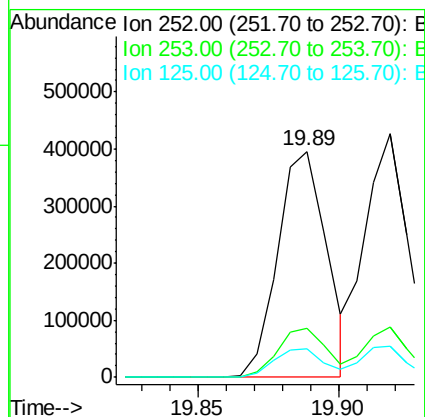
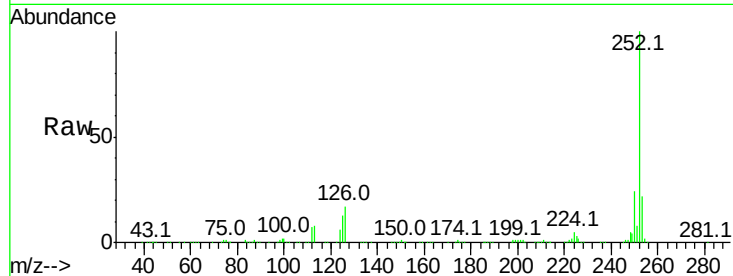
ClientSampleId :

PB98769BS

Tot Ion:	252	Resp:	476220
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	12.6	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 39.15 ng

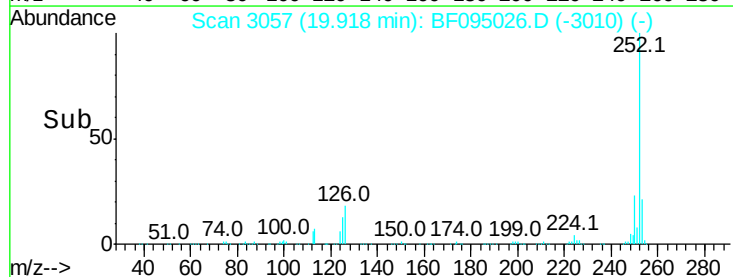
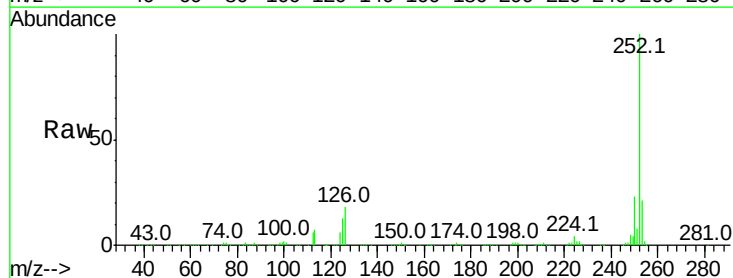
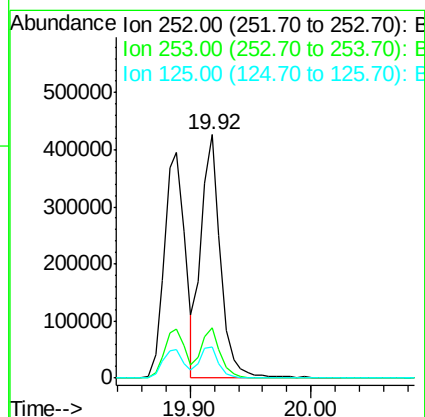
RT: 19.92 min Scan# 3057

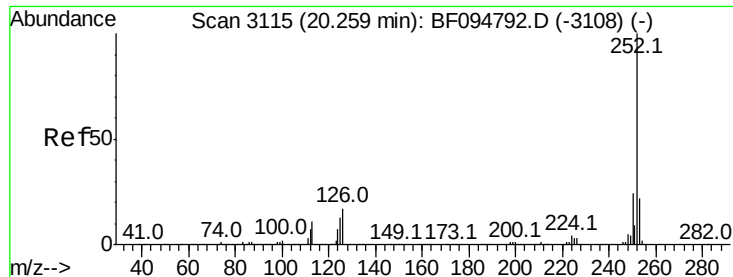
Delta R.T. -0.02 min

Lab File: BF095026.D

Acq: 9 May 2017 17:26

Tgt Ion:	252	Resp:	474121
Ion Ratio	Lower	Upper	
252	100		
253	20.8	18.4	27.6
125	12.6	13.1	19.7#





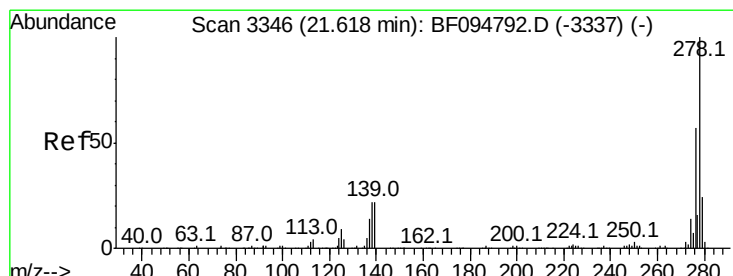
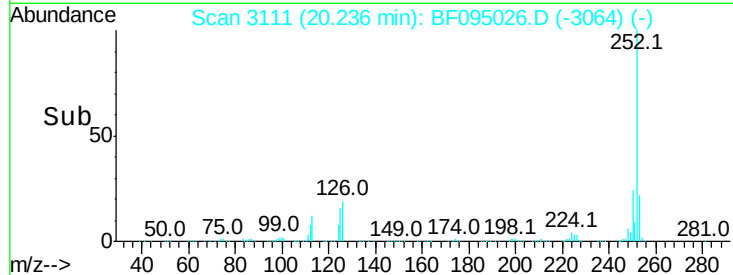
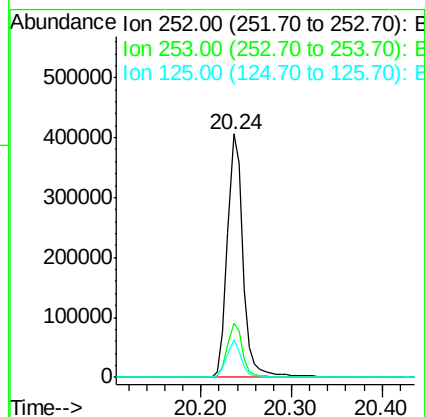
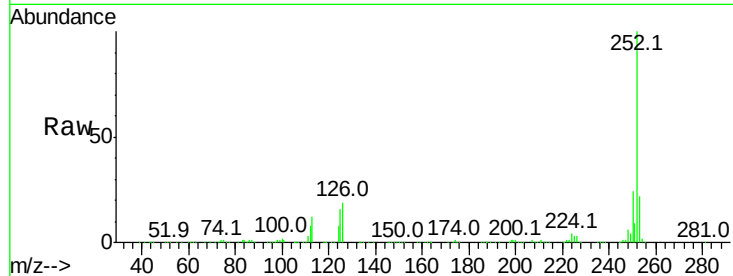
#89
Benzo(a)pyrene
Concen: 41.47 ng
RT: 20.24 min Scan# 3111
Delta R.T. -0.02 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Instrument :
BNA_F
ClientSampleId :
PB98769BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	15.6	11.0	16.4

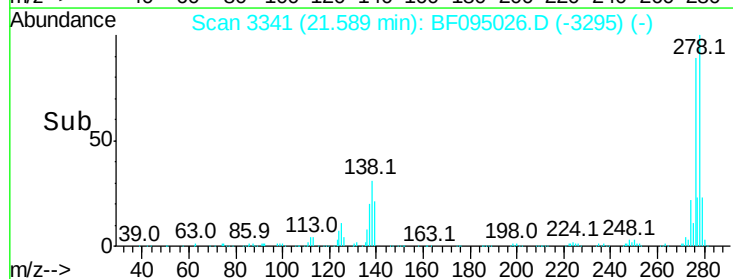
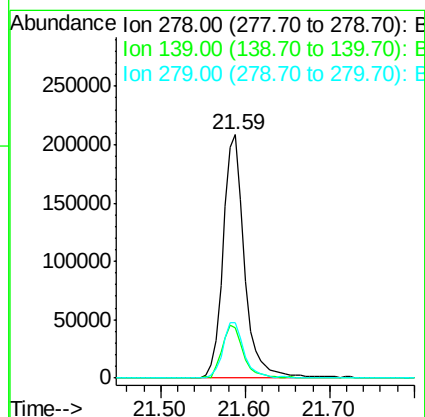
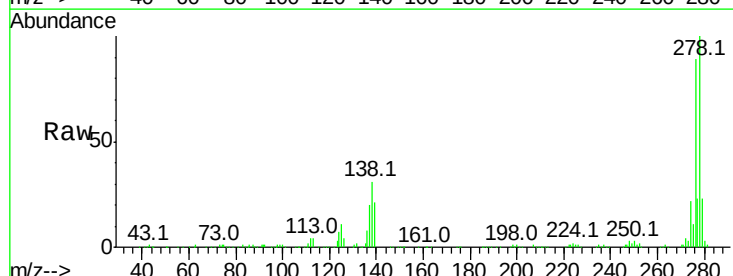
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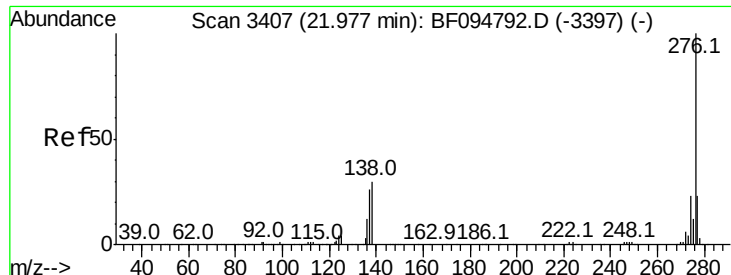
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#90
Dibenzo(a,h)anthracene
Concen: 38.39 ng
RT: 21.59 min Scan# 3341
Delta R.T. -0.03 min
Lab File: BF095026.D
Acq: 9 May 2017 17:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	16.6	24.8
279	22.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 37.46 ng
 RT: 21.95 min Scan# 3403
 Delta R.T. -0.02 min
 Lab File: BF095026.D
 Acq: 9 May 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	351719		
277	23.3		18.6	28.0
138	30.2		25.4	38.0

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