

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095480.D
 Acq On : 27 May 2017 2:49
 Operator : SJ/MA
 Sample : PB99316BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BSD

Manual Integrations
 APPROVED

mohammad
 5/30/2017 1:37:06 PM

Quant Time: May 27 06:05:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	102886	20.00	ng	0.00
21) Naphthalene-d8	9.76	136	371442	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	165952	20.00	ng	0.00
63) Phenanthrene-d10	14.99	188	239104	20.00	ng	0.00
75) Chrysene-d12	18.68	240	182979	20.00	ng	0.00
86) Perylene-d12	20.36	264	118759	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	557515	90.34	ng	0.02
7) Phenol-d6	7.30	99	651177	87.94	ng	0.00
23) Nitrobenzene-d5	8.65	82	535926	90.98	ng	0.00
41) 2,4,6-Tribromophenol	13.90	330	94049	69.20	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	1066039	92.46	ng	0.00
78) Terphenyl-d14	17.32	244	684923	82.45	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	100121	33.08	ng	93
3) Pyridine	2.95	79	228069	32.51	ng	95
4) n-Nitrosodimethylamine	2.89	42	88954	30.42	ng	84
6) Aniline	7.26	93	186879	19.99	ng	95
8) 2-Chlorophenol	7.44	128	298161	42.45	ng	98
9) Benzaldehyde	7.10	77	62925	13.92	ng	98
10) Phenol	7.31	94	354789	45.47	ng	93
11) bis(2-Chloroethyl)ether	7.38	93	264948	41.13	ng	95
12) 1,3-Dichlorobenzene	7.65	146	316437	39.71	ng	98
13) 1,4-Dichlorobenzene	7.77	146	325307	40.26	ng	96
14) 1,2-Dichlorobenzene	8.01	146	308938	40.96	ng	96
15) Benzyl Alcohol	8.04	79	221209	46.45	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.23	45	353829	38.81	ng	97
17) 2-Methylphenol	8.25	107	232311	40.41	ng	96
18) Hexachloroethane	8.52	117	88847	32.46	ng	88
19) n-Nitroso-di-n-propylamine	8.45	70	201548	40.25	ng	95
20) 3+4-Methylphenols	8.52	107	293629	37.59	ng	# 58
22) Acetophenone	8.42	105	406928	45.66	ng	# 85
24) Nitrobenzene	8.68	77	284220	46.03	ng	95
25) Isophorone	9.08	82	497845	47.33	ng	94
26) 2-Nitrophenol	9.19	139	111363	33.43	ng	99
27) 2,4-Dimethylphenol	9.32	122	254012	47.16	ng	98
28) bis(2-Chloroethoxy)methane	9.44	93	333980	45.90	ng	98
29) 2,4-Dichlorophenol	9.62	162	180935	35.58	ng	96
30) 1,2,4-Trichlorobenzene	9.69	180	202989	37.25	ng	99
31) Naphthalene	9.80	128	750002	40.17	ng	100
32) Benzoic acid	9.64	122	44896	16.43	ng	92
33) 4-Chloroaniline	9.98	127	56072m	8.06	ng	
34) Hexachlorobutadiene	10.01	225	114332	39.77	ng	99
35) Caprolactam	10.57	113	68305	44.73	ng	# 84
36) 4-Chloro-3-methylphenol	10.81	107	225548	41.48	ng	89
37) 2-Methylnaphthalene	10.92	142	548303	44.75	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	217592	42.64	ng	98
40) Hexachlorocyclopentadiene	11.17	237	8722	9.81	ng	97

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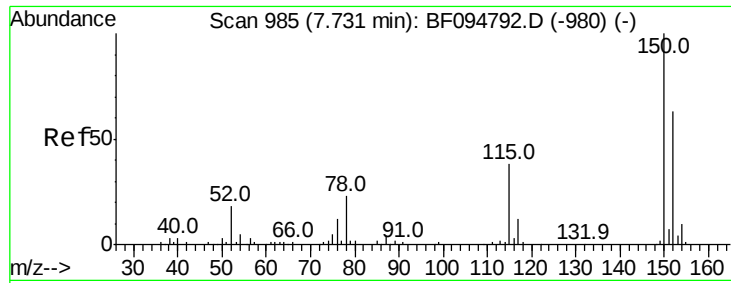
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	132719	38.95	nq	98
43) 2,4,5-Trichlorophenol	11.54	196	115084	31.42	nq	93
45) 1,1'-Biphenyl	11.68	154	512194	36.66	nq	97
46) 2-Chloronaphthalene	11.71	162	396430	35.14	nq	98
47) 2-Nitroaniline	11.93	65	130604	42.30	nq	# 80
48) Acenaphthylene	12.36	152	725199	41.04	nq	98
49) Dimethylphthalate	12.24	163	550941	40.44	nq	99
50) 2,6-Dinitrotoluene	12.34	165	106493	38.32	nq	94
51) Acenaphthene	12.65	154	417084	39.52	nq	99
52) 3-Nitroaniline	12.62	138	82128	27.53	nq	88
54) Dibenzofuran	12.94	168	648695	44.41	nq	98
55) 4-Nitrophenol	13.06	139	67293	37.56	nq	# 80
56) 2,4-Dinitrotoluene	13.02	165	132189	37.01	nq	# 98
57) Fluorene	13.49	166	405794	31.95	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	81962	35.56	nq	# 88
59) Diethylphthalate	13.38	149	532254	40.76	nq	100
60) 4-Chlorophenyl-phenylether	13.51	204	184206	33.00	nq	91
61) 4-Nitroaniline	13.62	138	75797	27.68	nq	96
62) Azobenzene	13.77	77	418597	39.89	nq	94
64) 4,6-Dinitro-2-methylphenol	13.72	198	5279	3.29	nq	# 1
65) n-Nitrosodiphenylamine	13.72	169	385653	44.44	nq	98
66) 4-Bromophenyl-phenylether	14.29	248	116114	45.97	nq	96
67) Hexachlorobenzene	14.39	284	112928	43.62	nq	# 92
68) Atrazine	14.64	200	112083	45.74	nq	97
69) Pentachlorophenol	14.76	266	54816	49.26	nq	97
70) Phenanthrene	15.04	178	524511	38.18	nq	98
71) Anthracene	15.12	178	615147	43.83	nq	98
72) Carbazole	15.41	167	496851	38.91	nq	96
73) Di-n-butylphthalate	15.96	149	763899	47.97	nq	98
74) Fluoranthene	16.78	202	521576	37.01	nq	98
76) Benzidine	17.01	184	209478	43.11	nq	# 92
77) Pyrene	17.08	202	574785	42.00	nq	99
79) Butylbenzylphthalate	17.98	149	276218	43.39	nq	89
80) Benzo(a)anthracene	18.67	228	446041	41.88	nq	98
81) 3,3'-Dichlorobenzidine	18.65	252	126529	34.40	nq	# 96
82) Chrysene	18.71	228	429028	41.66	nq	99
83) Bis(2-ethylhexyl)phthalate	18.72	149	379665	41.86	nq	100
84) Di-n-octyl phthalate	19.49	149	679431	45.69	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	306517	36.66	nq	99
87) Benzo(b)fluoranthene	19.94	252	292885	39.91	nq	98
88) Benzo(k)fluoranthene	19.97	252	327917	46.33	nq	# 96
89) Benzo(a)pyrene	20.29	252	281809	41.62	nq	98
90) Dibenzo(a,h)anthracene	21.68	278	252728	45.19	nq	97
91) Benzo(g,h,i)perylene	22.08	276	252464	46.00	nq	97

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



#1

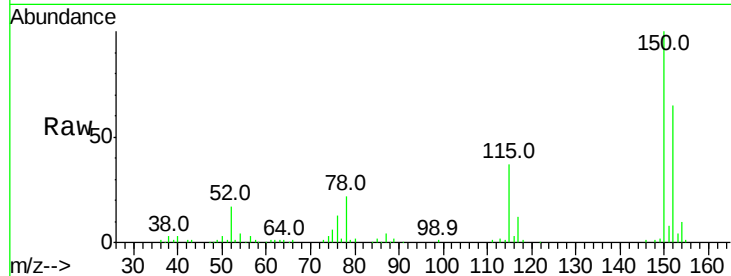
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

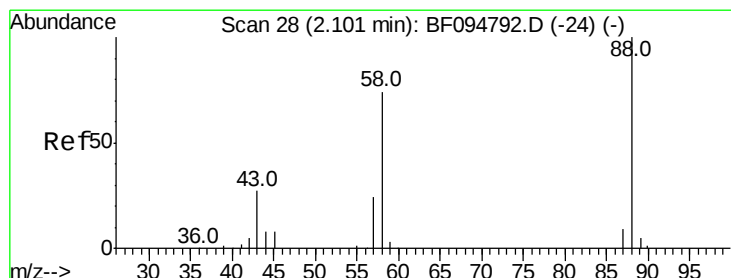
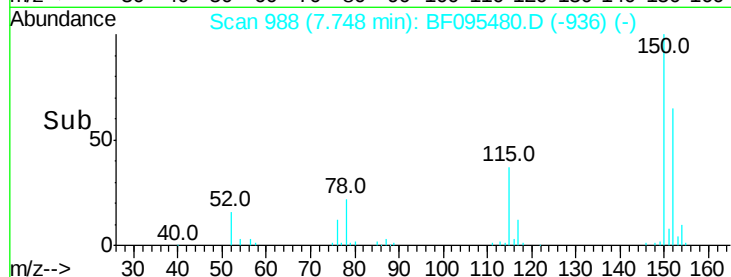
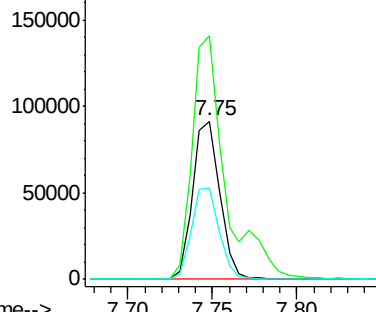
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	57.7	52.2	78.2

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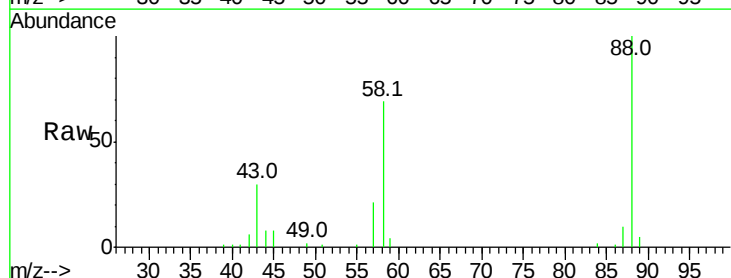
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



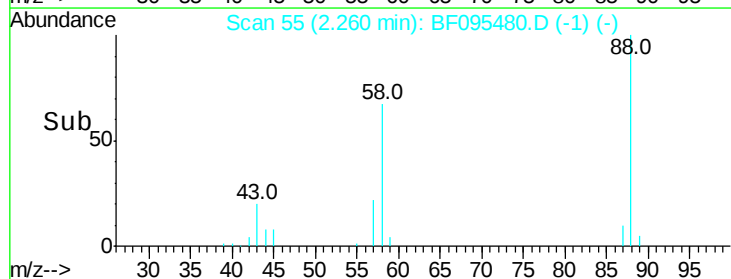
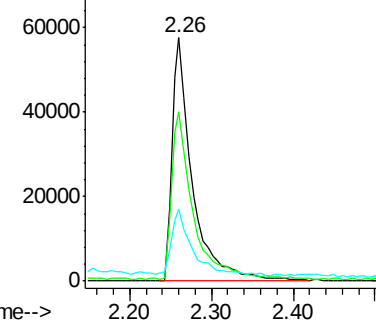
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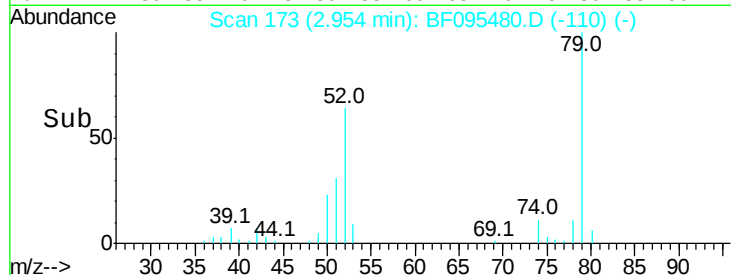
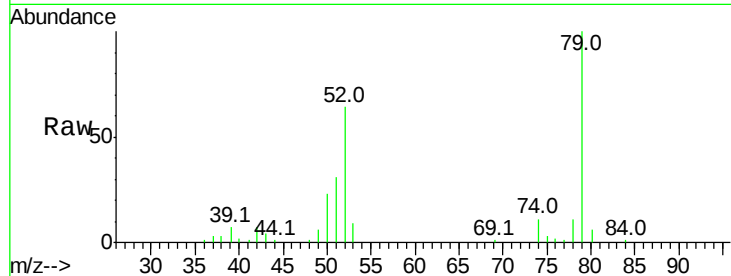
1,4-Dioxane
Concen: 33.08 ng
RT: 2.26 min Scan# 55
Delta R.T. 0.08 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.9	61.4	92.0
43	25.5	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.51 ng

RT: 2.95 min Scan# 173

Delta R.T. 0.07 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Tot Ion:	79	Resp:	228069
Ion Ratio	Lower	Upper	
79	100		
52	64.5	54.8	82.2
51	30.5	27.0	40.4

Instrument :

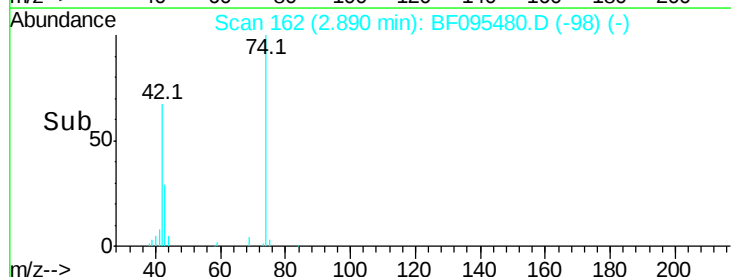
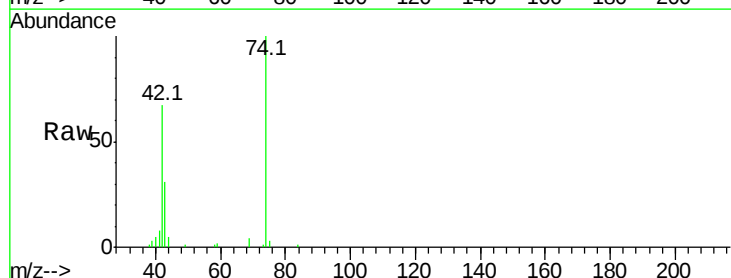
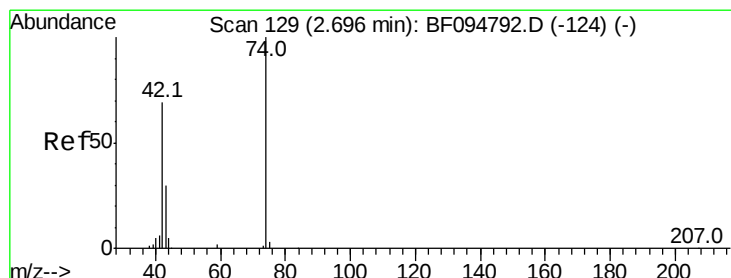
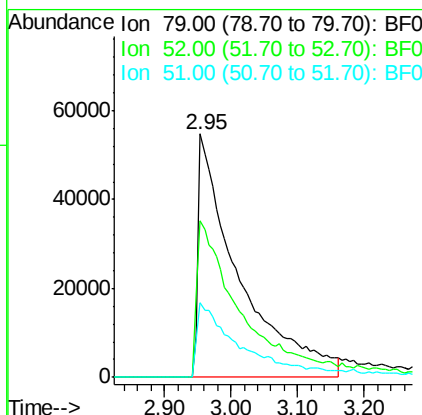
BNA_F

ClientSampleId :

PB99316BSD

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#4

n-Nitrosodimethylamine

Concen: 30.42 ng

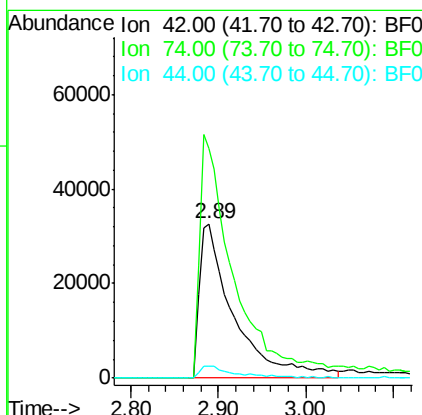
RT: 2.89 min Scan# 162

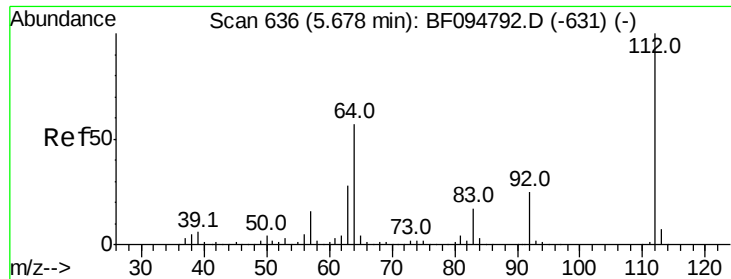
Delta R.T. 0.08 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Tgt Ion:	42	Resp:	88954
Ion Ratio	Lower	Upper	
42	100		
74	149.0	103.9	155.9
44	8.0	5.7	8.5





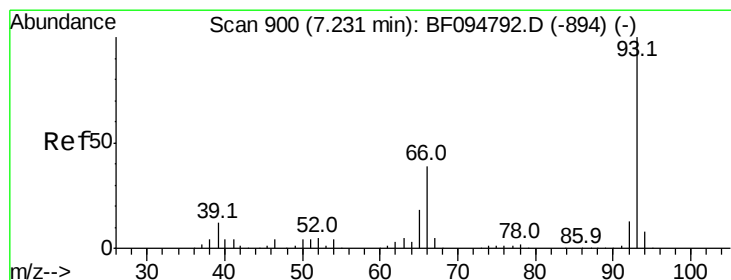
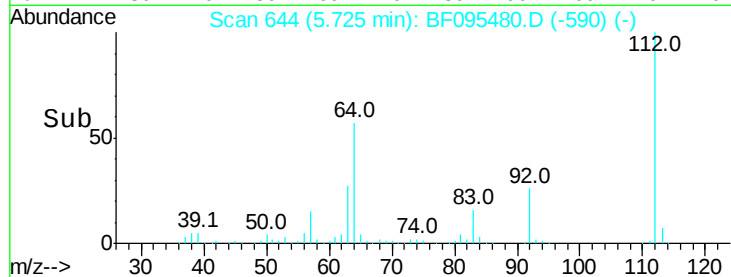
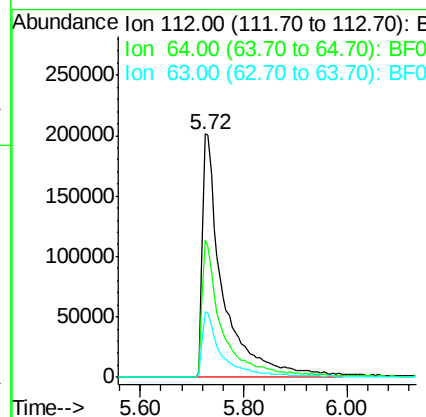
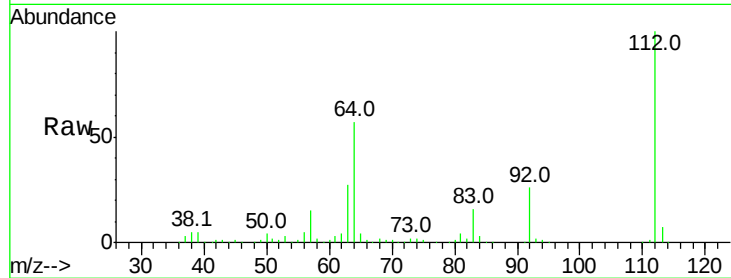
#5
2-Fluorophenol
Concen: 90.34 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	56.5	46.0	69.0
63	27.2	23.4	35.0

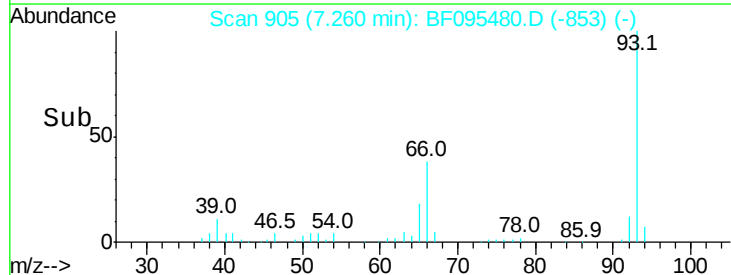
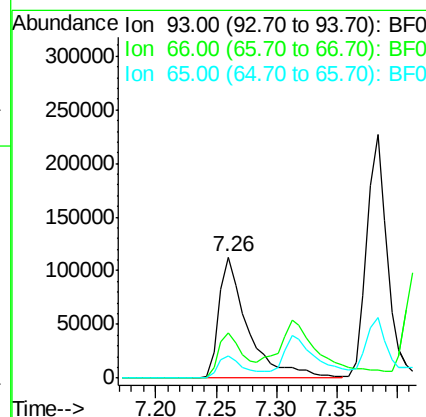
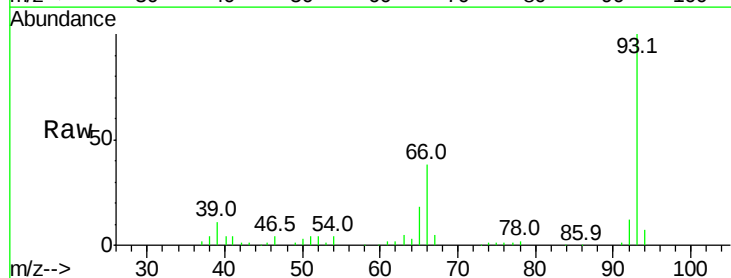
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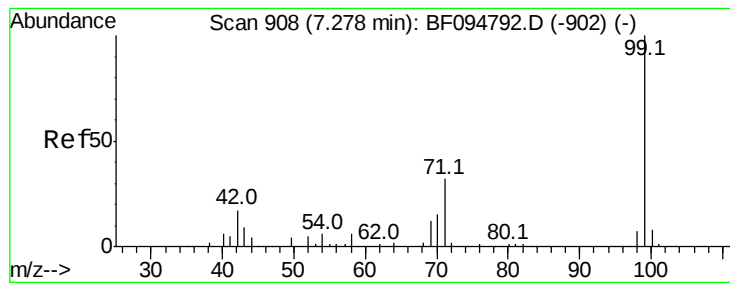
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#6
Aniline
Concen: 19.99 ng
RT: 7.26 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	37.7	32.9	49.3
65	17.9	16.0	24.0





#7

Phenol-d6

Concen: 87.94 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Instrument :

BNA_F

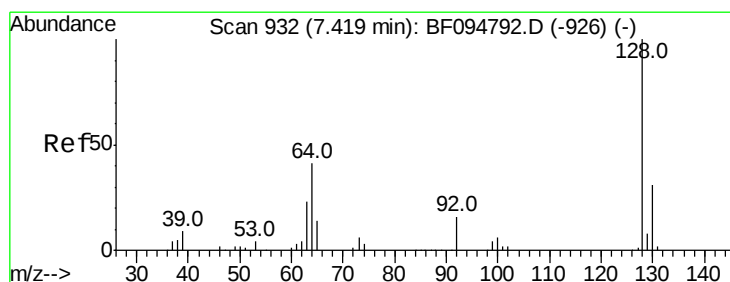
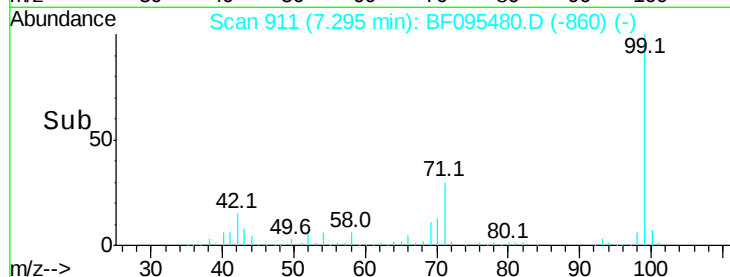
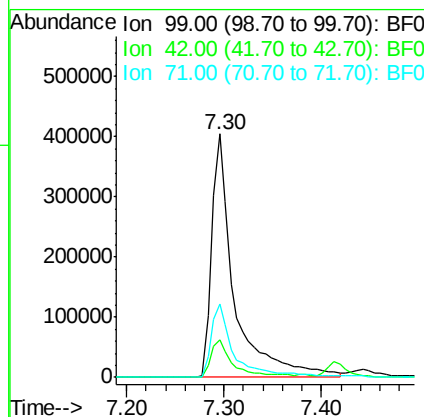
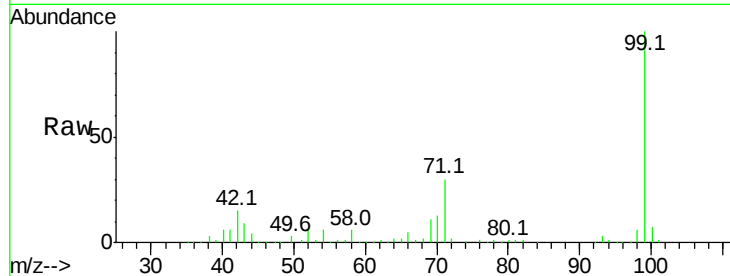
ClientSampleId :

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Tot Ion:	99	Resp:	651177
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.5	20.3
71	30.4	24.5	36.7

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#8

2-Chlorophenol

Concen: 42.45 ng

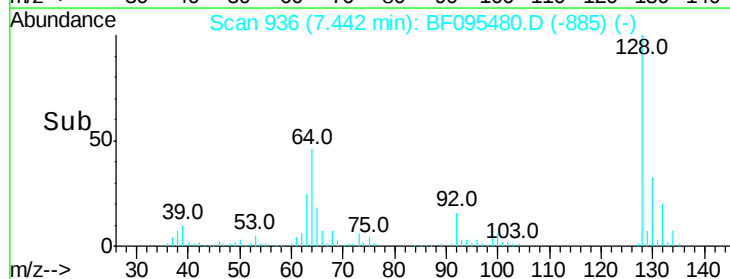
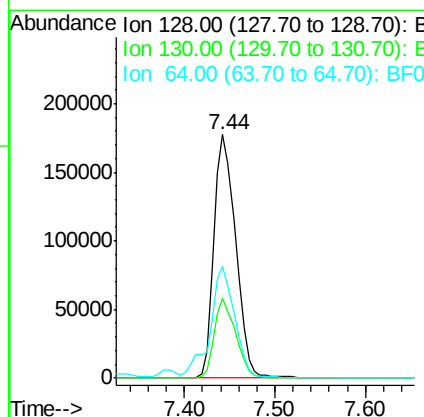
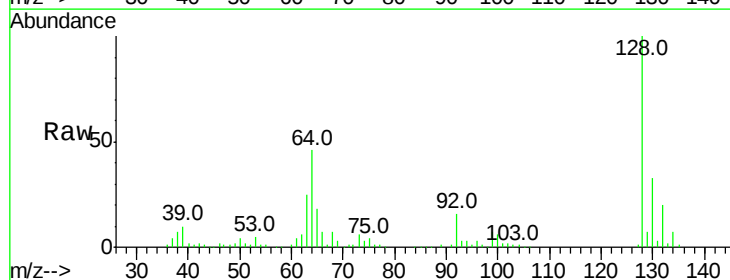
RT: 7.44 min Scan# 936

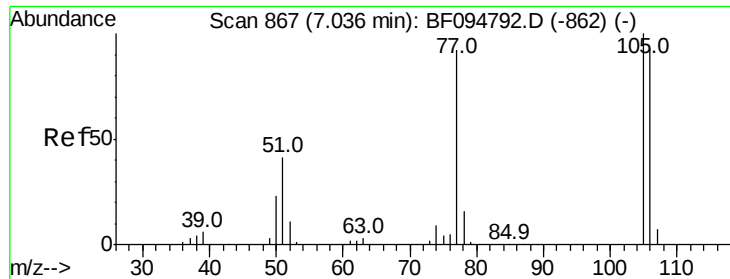
Delta R.T. 0.00 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Tgt Ion:	128	Resp:	298161
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.9	52.9
64	46.2	28.4	68.4





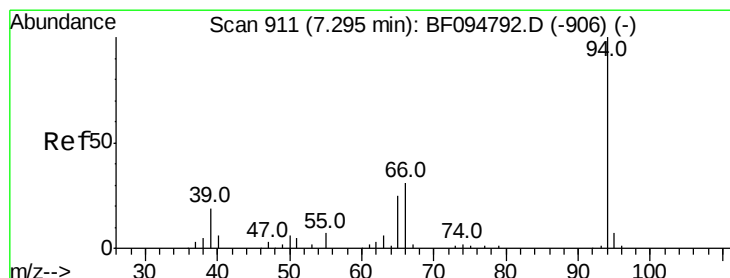
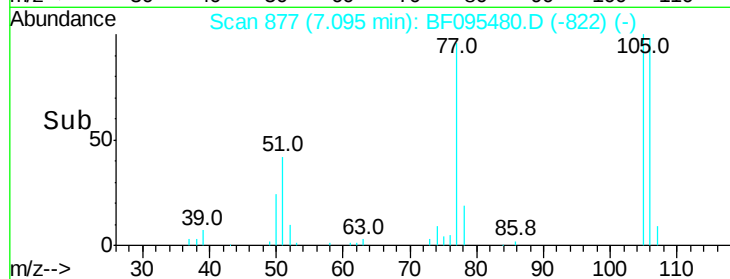
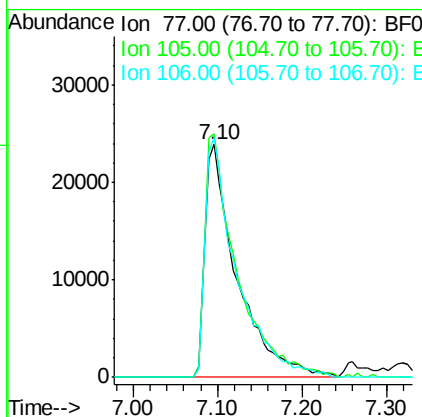
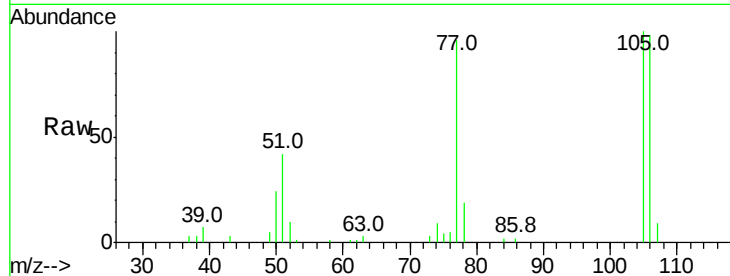
#9
Benzaldehyde
Concen: 13.92 ng
RT: 7.10 min Scan# 877
Delta R.T. 0.02 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion:	77	Resp:	62925
Ion Ratio	Lower	Upper	
77	100		
105	104.6	83.8	123.8
106	102.8	79.1	119.1

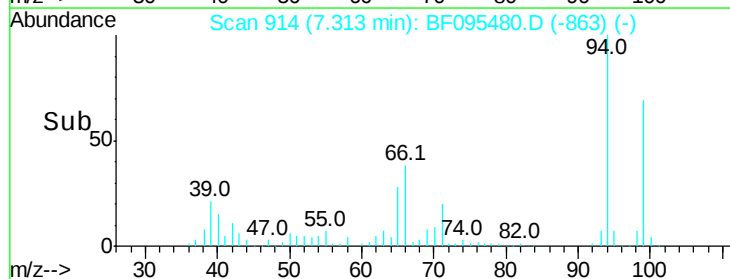
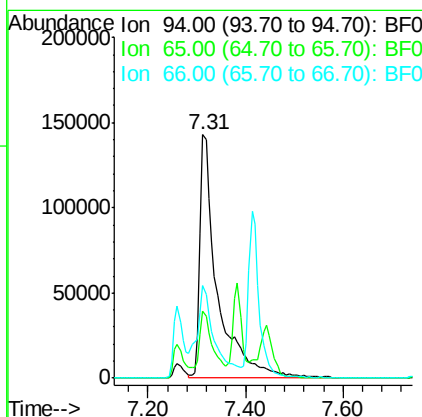
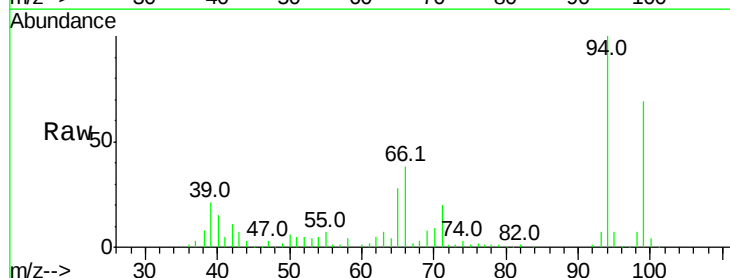
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#10
Phenol
Concen: 45.47 ng
RT: 7.31 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion:	94	Resp:	354789
Ion Ratio	Lower	Upper	
94	100		
65	27.8	9.9	49.9
66	37.8	23.1	63.1





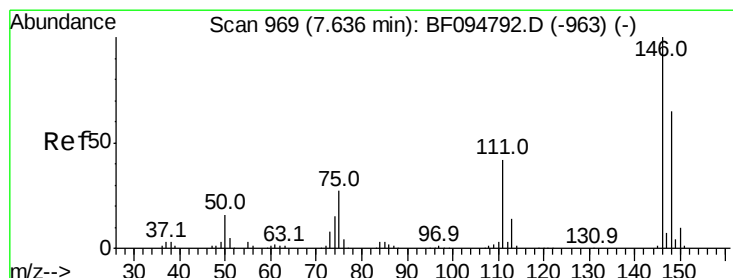
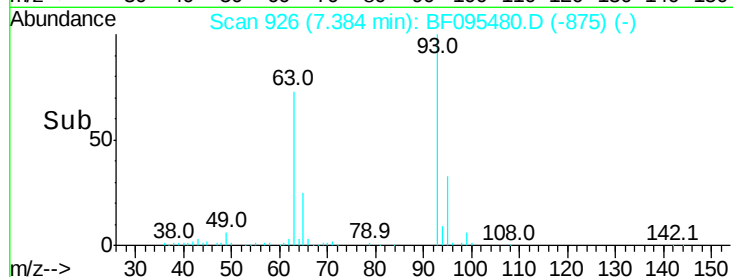
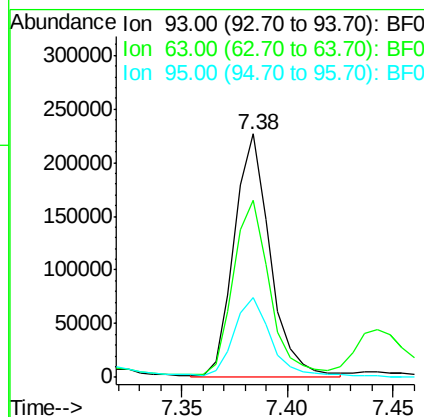
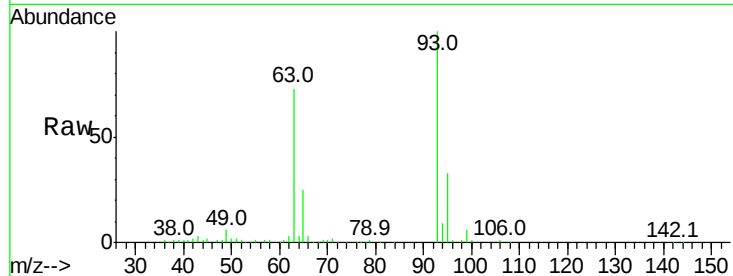
#11
bis(2-Chloroethyl)ether
Concen: 41.13 ng
RT: 7.38 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	93	Resp	264948
Ion Ratio	Lower	Upper	
93	100		
63	72.8	59.2	99.2
95	32.7	12.8	52.8

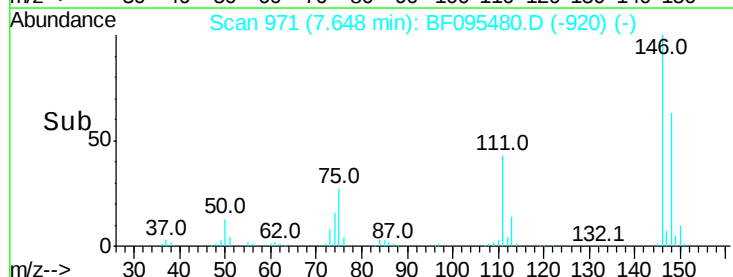
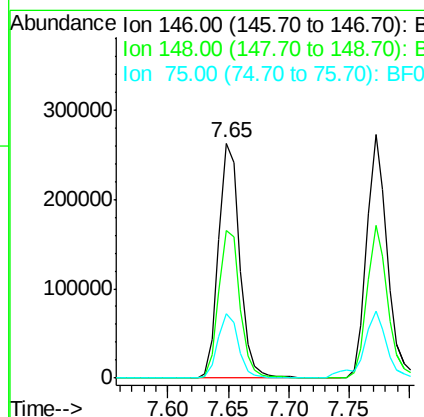
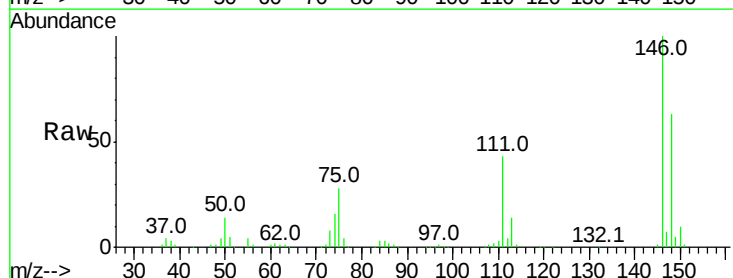
Manual Integrations
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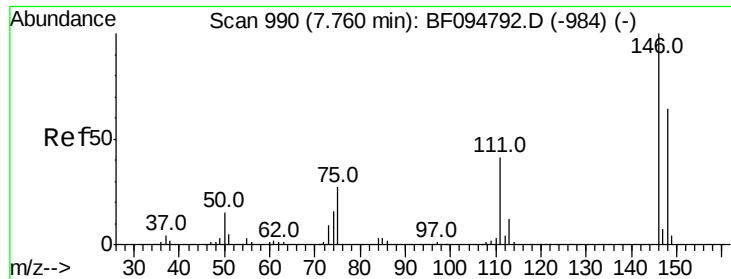
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.71 ng
RT: 7.65 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	146	Resp	316437
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.8	77.6
75	27.6	23.1	34.7





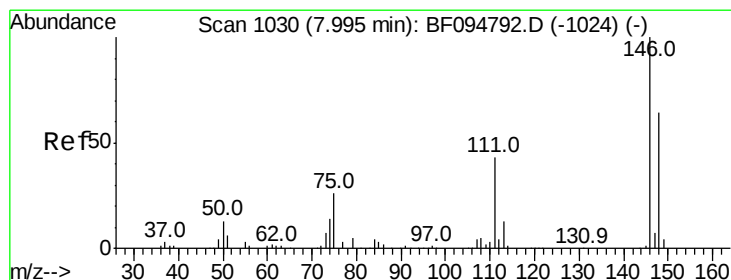
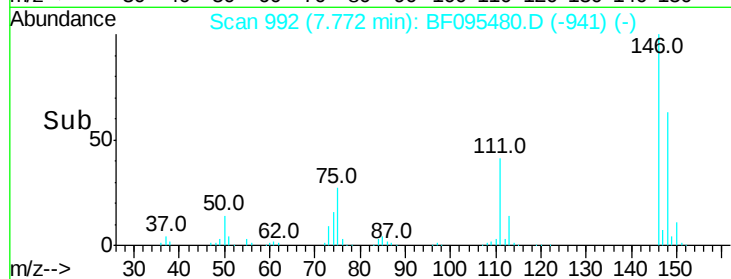
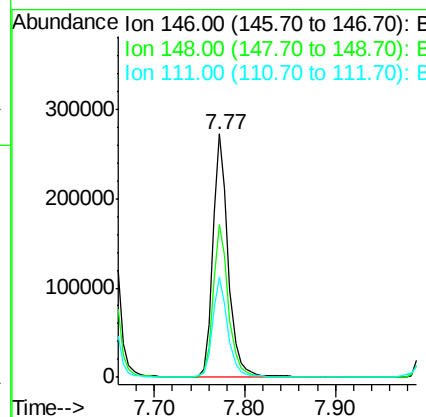
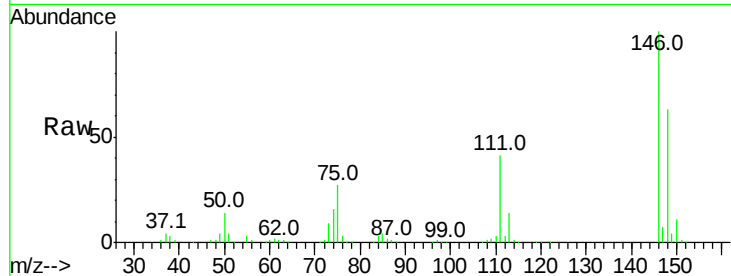
#13
 1,4-Dichlorobenzene
 Concen: 40.26 ng
 RT: 7.77 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.2
111	41.4	30.3	45.5

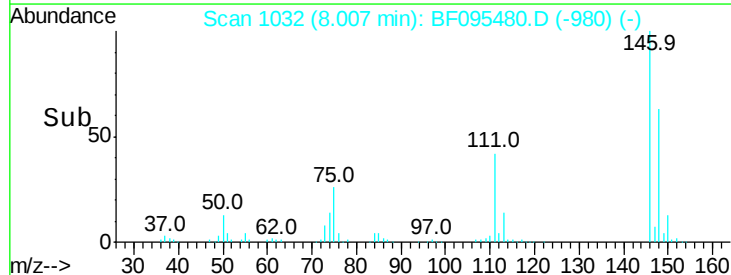
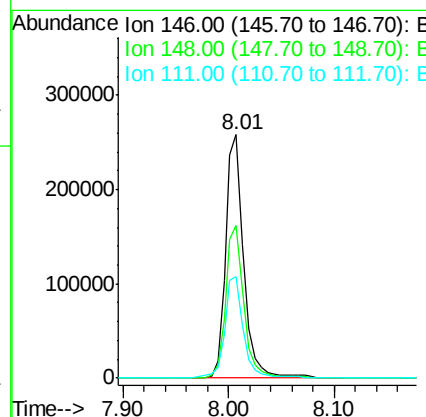
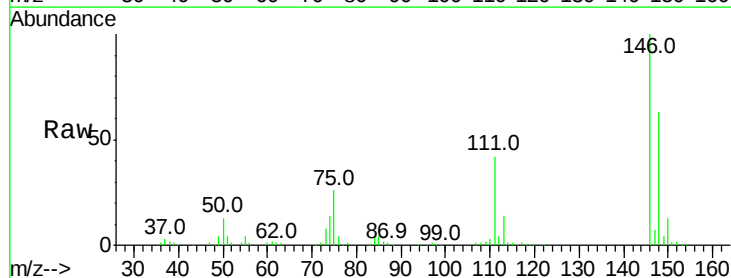
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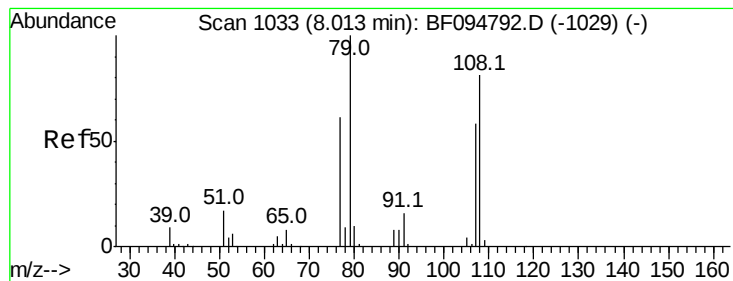
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.96 ng
 RT: 8.01 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
111	42.0	38.2	57.4





#15

Benzyl Alcohol

Concen: 46.45 ng

RT: 8.04 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Instrument :

BNA_F

ClientSampleId :

PB99316BSD

Tot Ion: 79 Resp: 221209

Ion Ratio Lower Upper

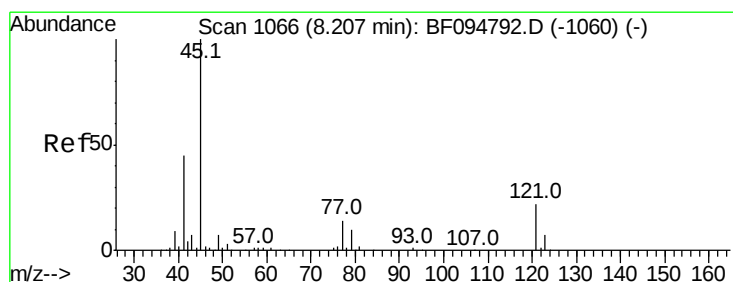
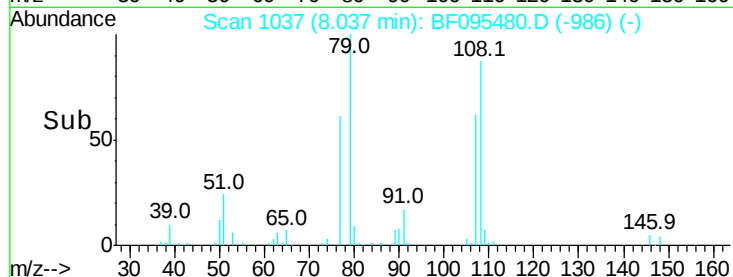
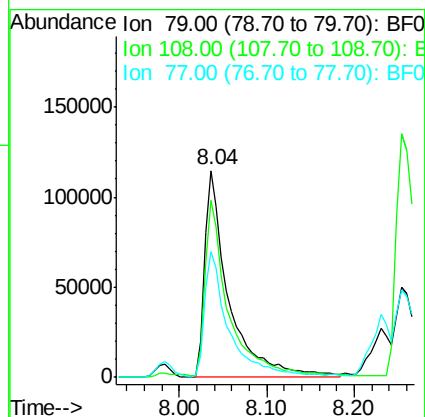
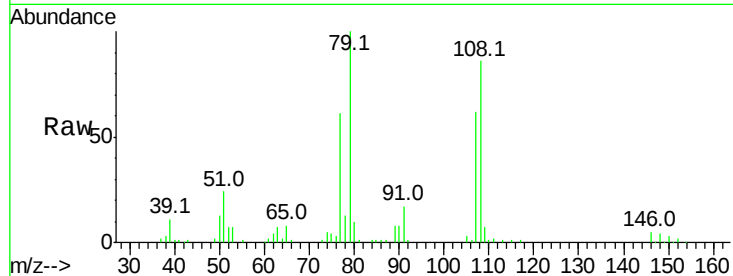
79 100

108 85.8 63.4 95.0

77 61.0 49.2 73.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.81 ng

RT: 8.23 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

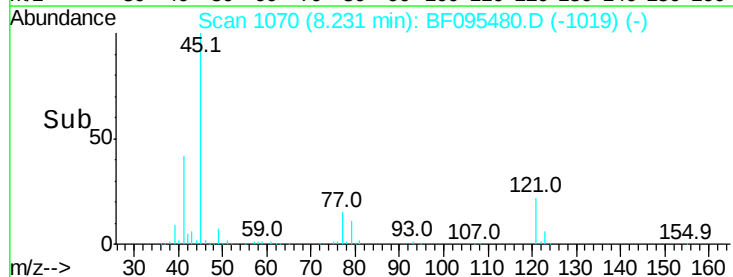
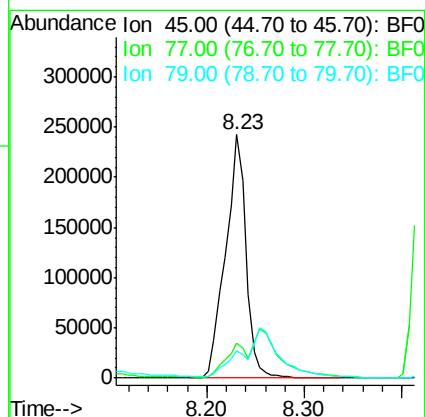
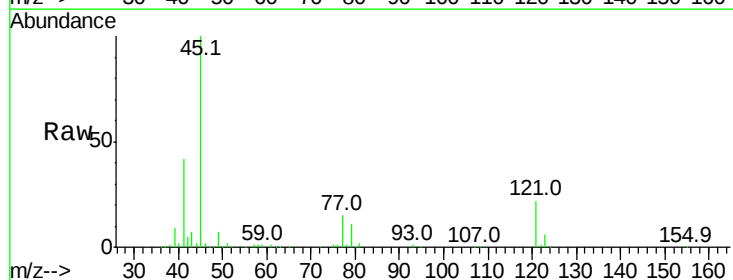
Tgt Ion: 45 Resp: 353829

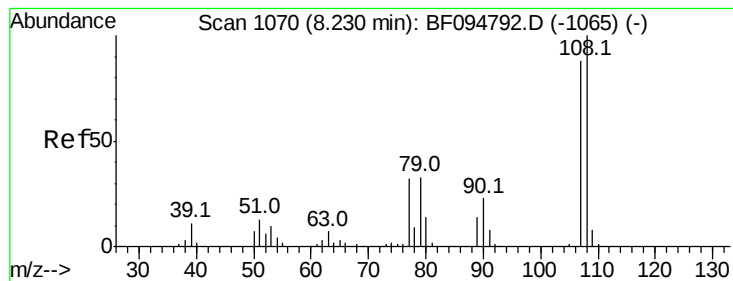
Ion Ratio Lower Upper

45 100

77 14.6 0.0 33.2

79 11.3 0.0 30.0





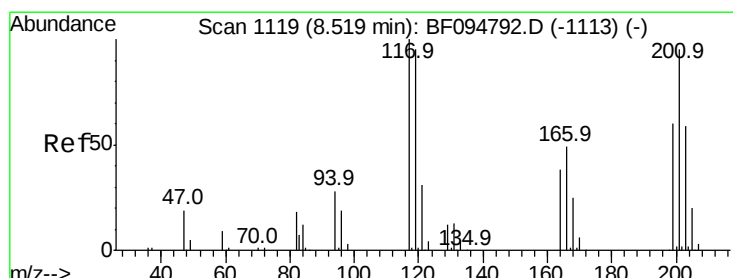
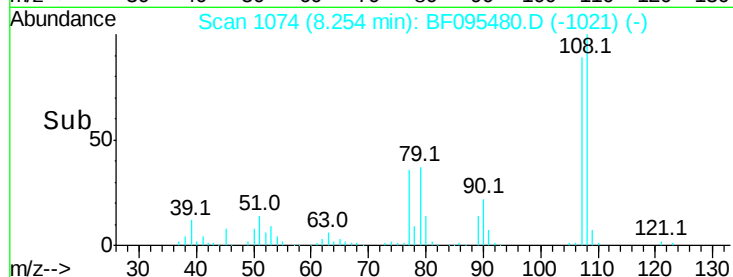
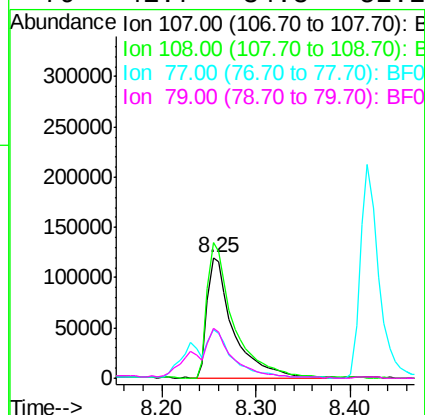
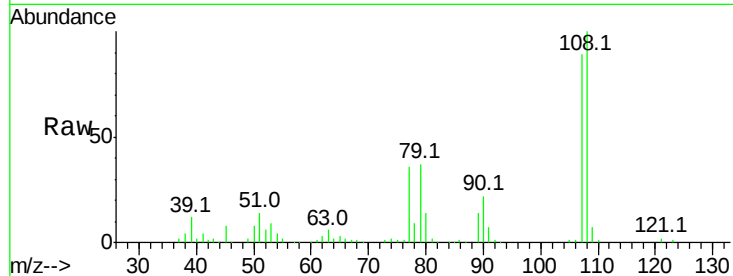
#17
2-Methylphenol
Concen: 40.41 ng
RT: 8.25 min Scan# 1074
Delta R.T. 0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	93.4	140.0	
77	40.5	35.8	53.6	
79	41.7	34.8	52.2	

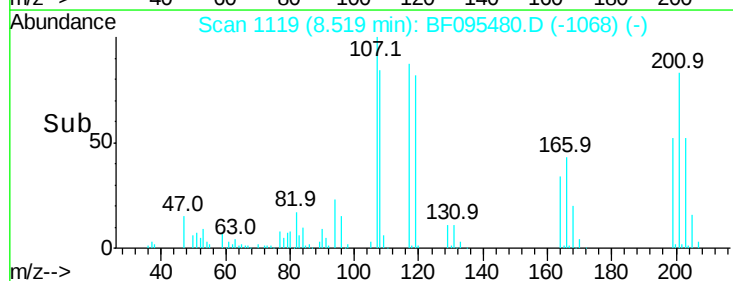
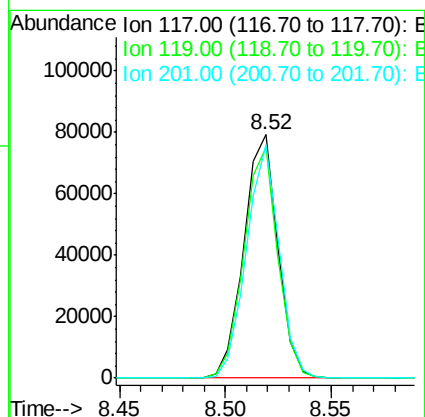
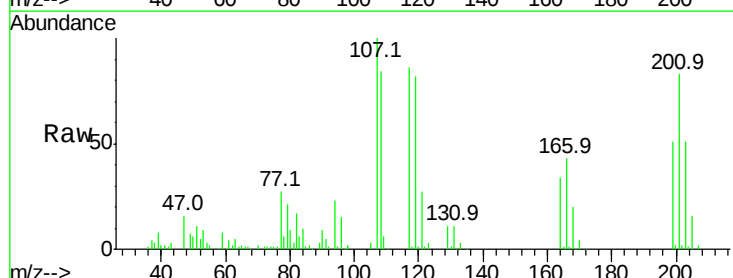
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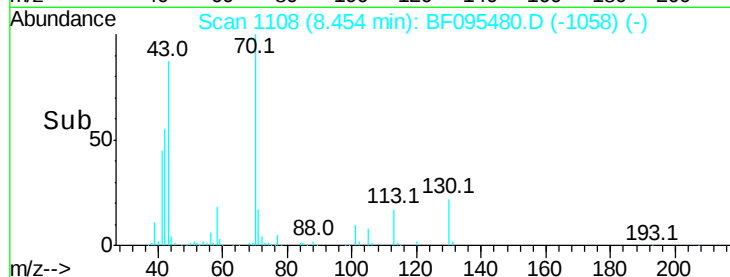
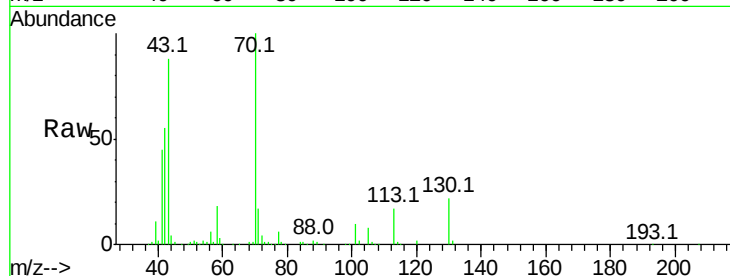
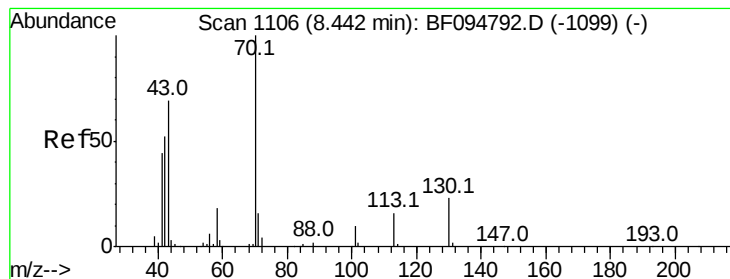
mohammad
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#18
Hexachloroethane
Concen: 32.46 ng
RT: 8.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	77.4	116.0	
201	95.7	94.6	141.8	





#19

n-Nitroso-di-n-propylamine

Concen: 40.25 ng

RT: 8.45 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Instrument :

BNA_F

ClientSampleId :

PB99316BSD

Tot Ion: 70 Resp: 201548

Ion Ratio Lower Upper

70 100

42 54.5 47.2 70.8

101 9.8 7.2 10.8

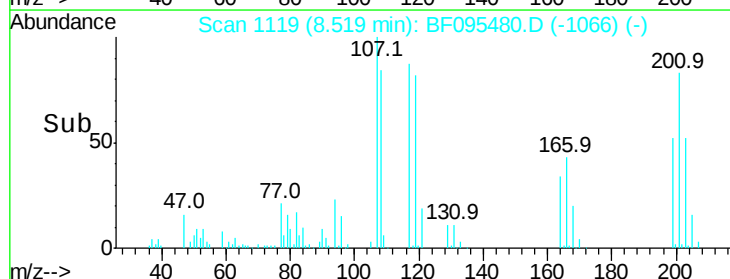
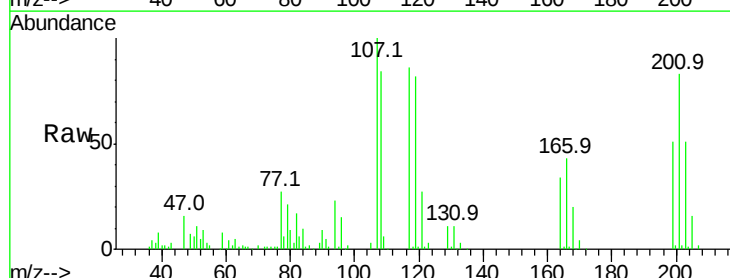
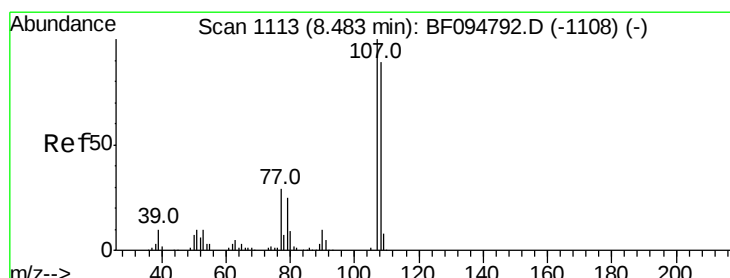
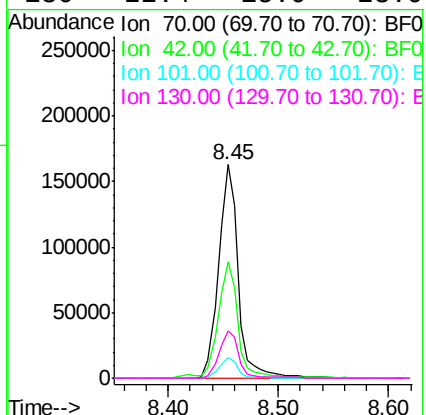
130 22.4 15.9 23.9

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#20

3+4-Methylphenols

Concen: 37.59 ng

RT: 8.52 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Tgt Ion: 107 Resp: 293629

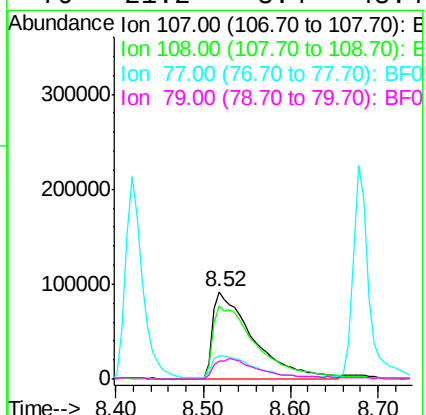
Ion Ratio Lower Upper

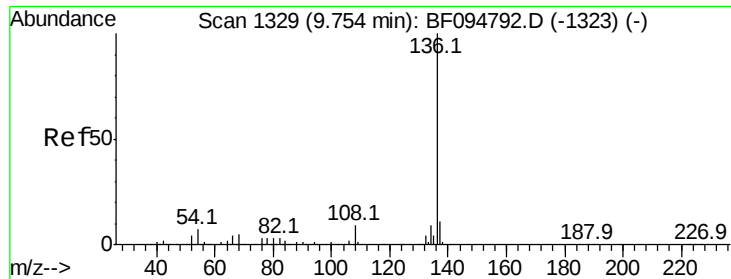
107 100

108 84.1 71.0 111.0

77 26.9 90.5 130.5#

79 21.2 8.4 48.4





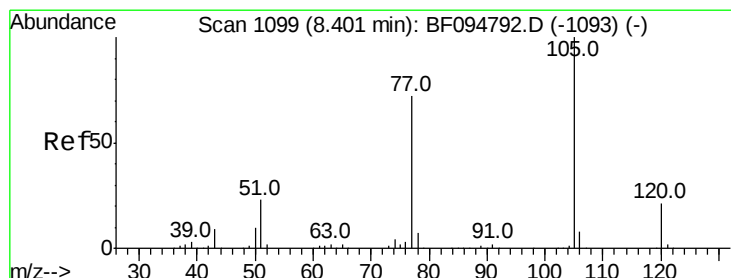
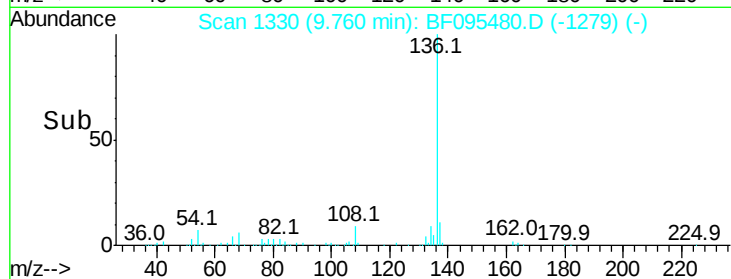
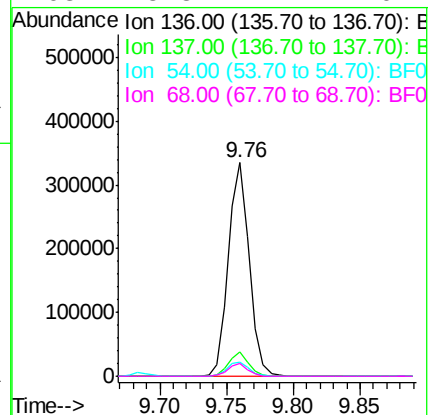
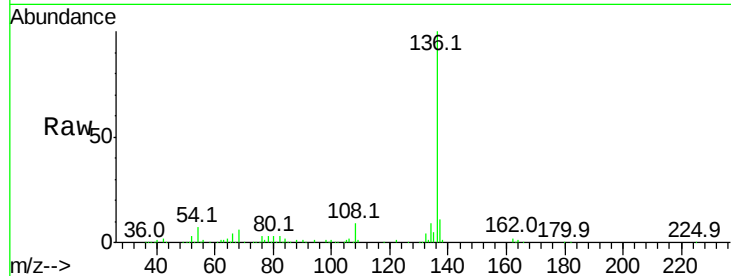
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.5	12.7	
54	6.7	4.9	7.3	
68	5.8	4.1	6.1	

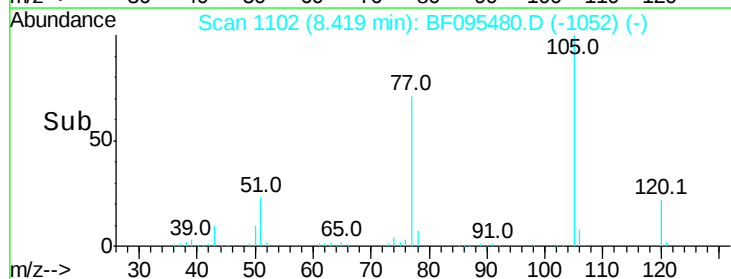
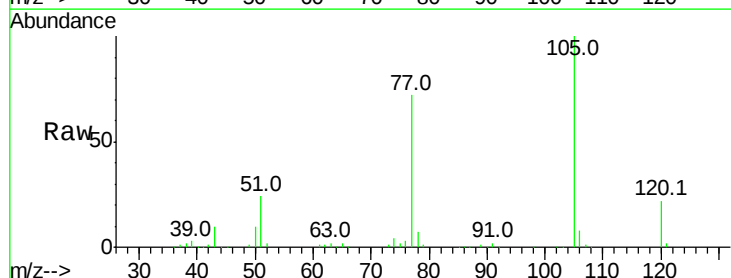
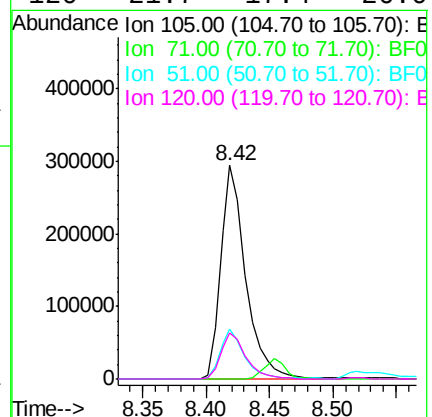
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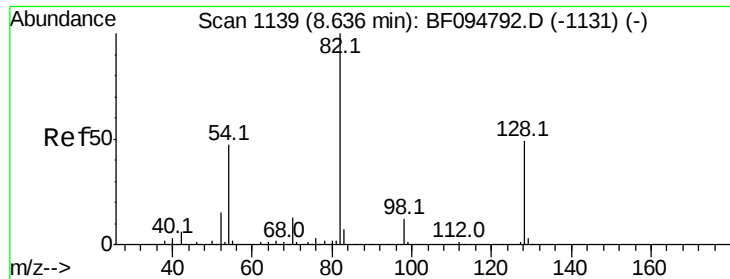
mohammad
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#22
Acetophenone
Concen: 45.66 ng
RT: 8.42 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	23.6	30.7	46.1#	
120	21.7	17.4	26.0	





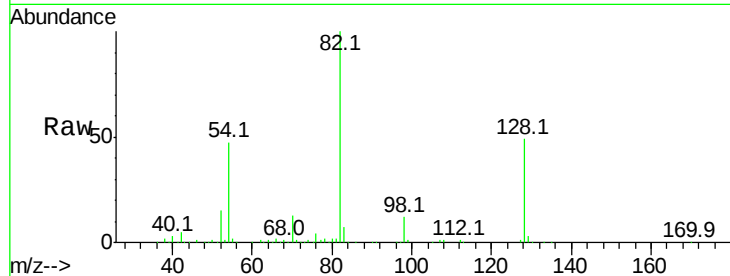
#23
 Nitrobenzene-d5
 Concen: 90.98 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BSD

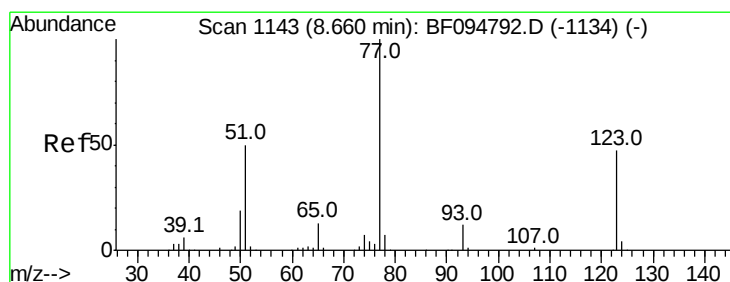
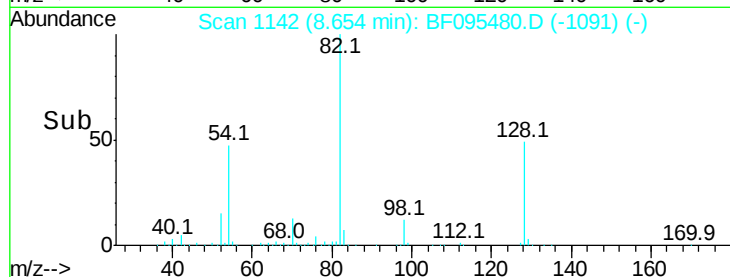
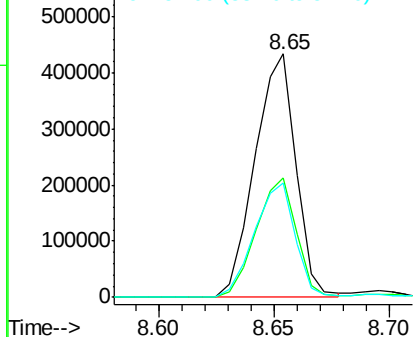
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.9	34.0	51.0	
54	47.1	42.2	63.2	

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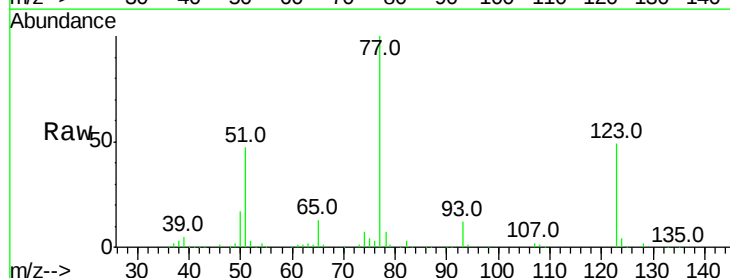


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

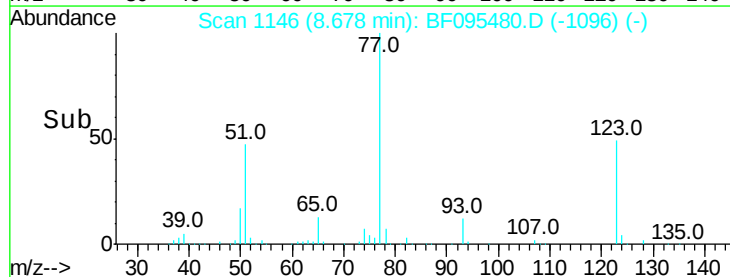
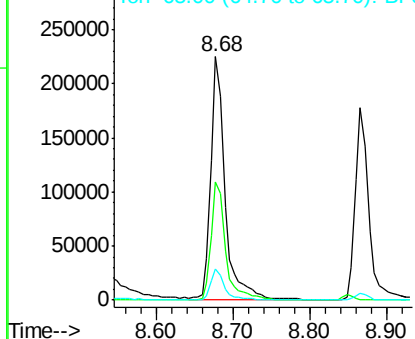


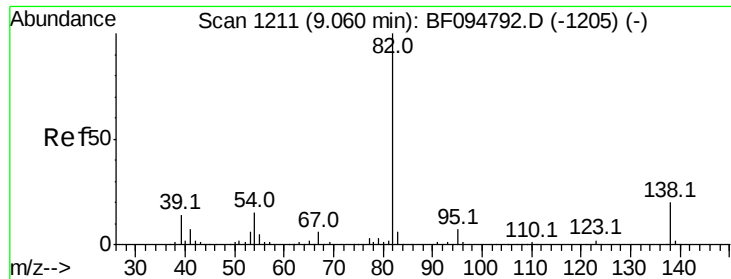
#24
 Nitrobenzene
 Concen: 46.03 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.5	35.8	53.8	
65	13.0	10.6	15.8	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.33 ng

RT: 9.08 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Instrument :

BNA_F

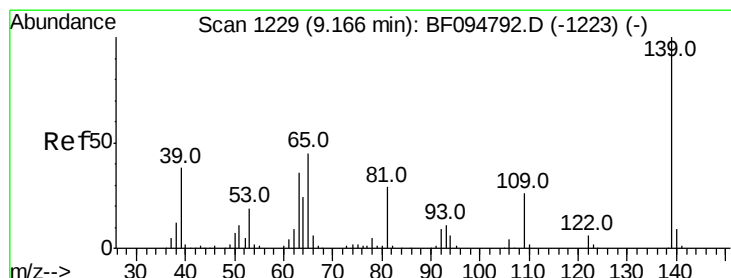
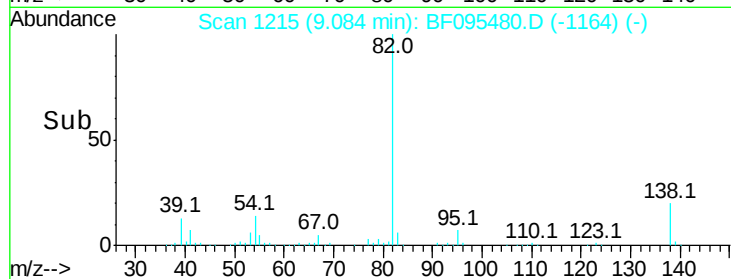
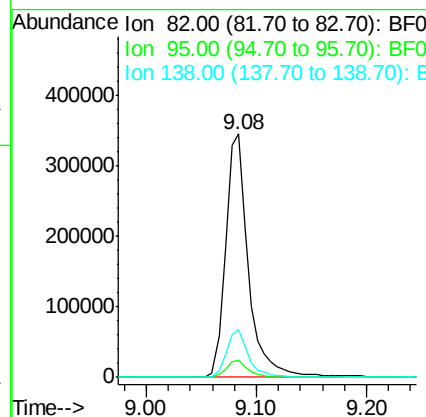
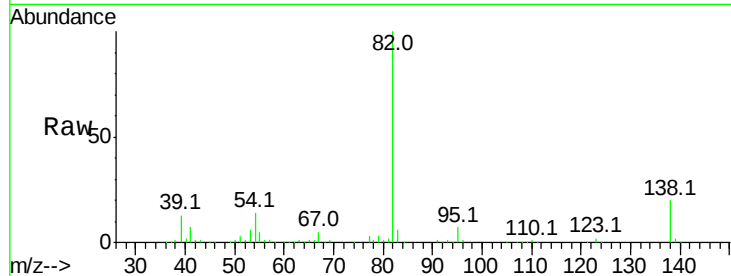
ClientSampleId :

PB99316BSD

Tot Ion:	82	Resp:	497845
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	19.7	13.1	19.7

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#26

2-Nitrophenol

Concen: 33.43 ng

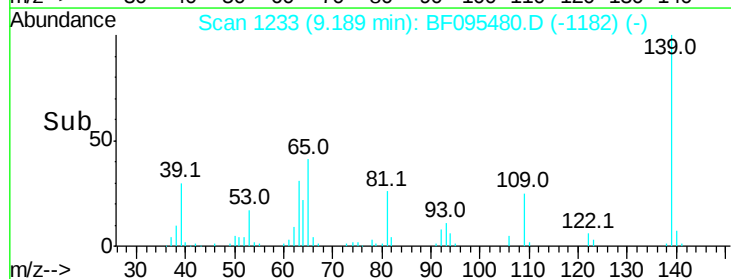
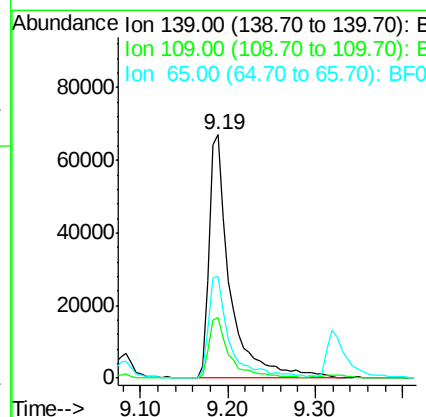
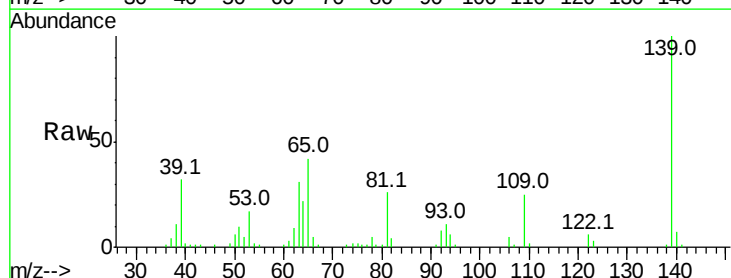
RT: 9.19 min Scan# 1233

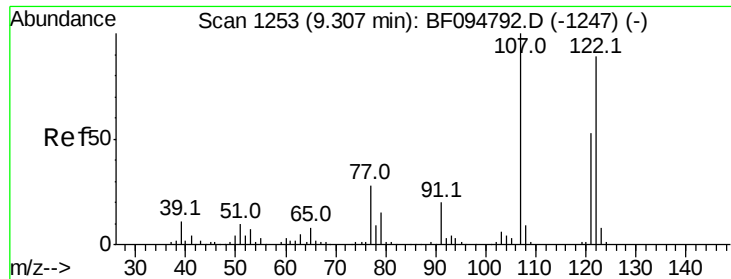
Delta R.T. 0.00 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Tgt Ion:	139	Resp:	111363
Ion Ratio	Lower	Upper	
139	100		
109	24.7	21.0	31.6
65	41.6	33.0	49.6





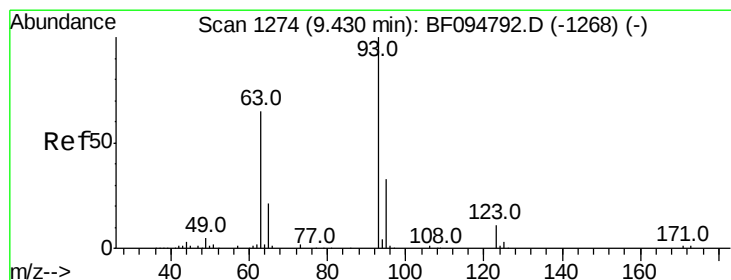
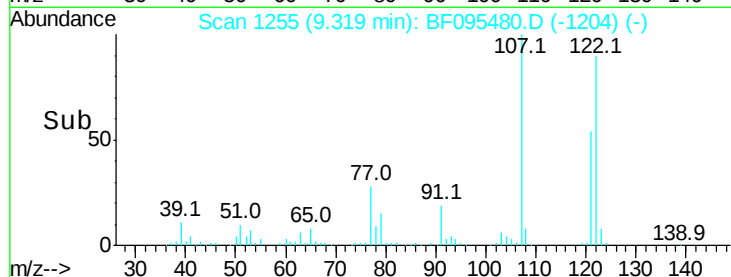
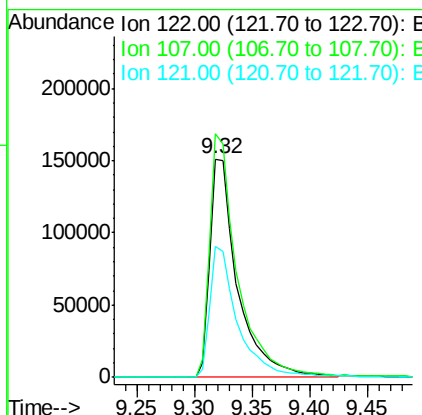
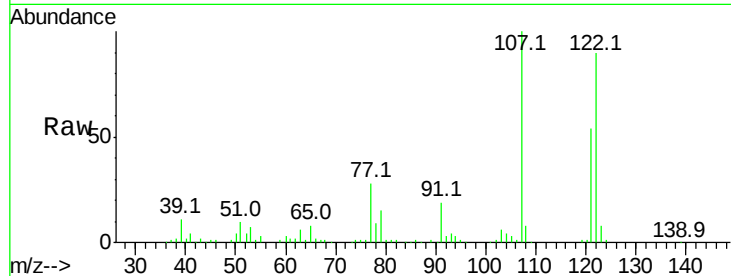
#27
 2,4-Dimethylphenol
 Concen: 47.16 ng
 RT: 9.32 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	254012		
107	111.4	89.2	133.8	
121	59.7	45.2	67.8	

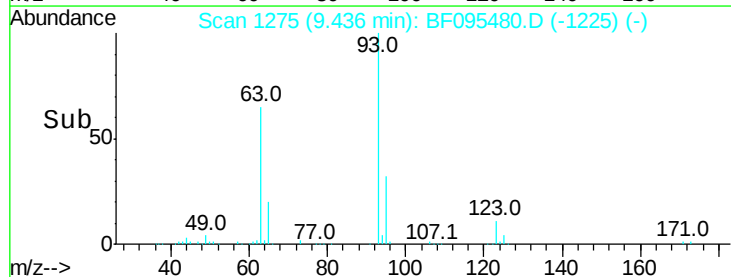
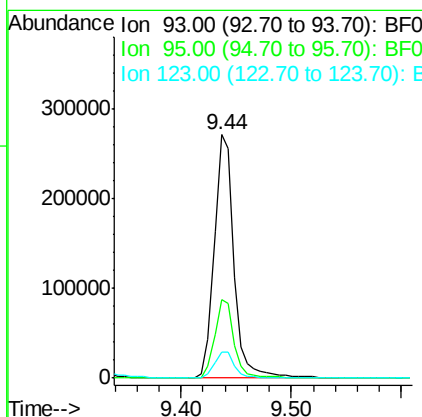
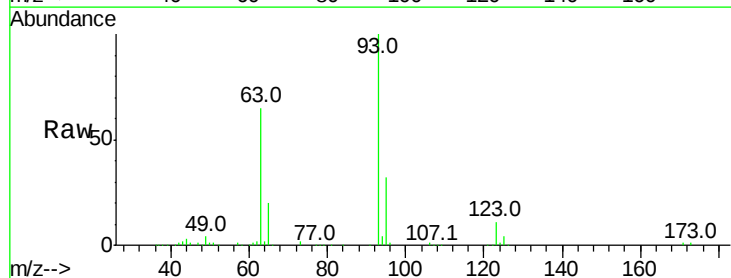
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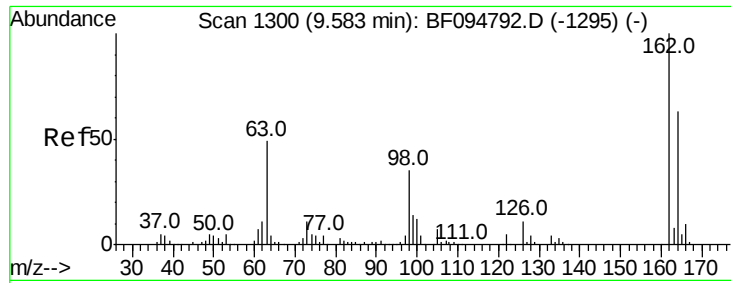
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.90 ng
 RT: 9.44 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	333980		
95	32.1	26.5	39.7	
123	10.9	9.0	13.4	





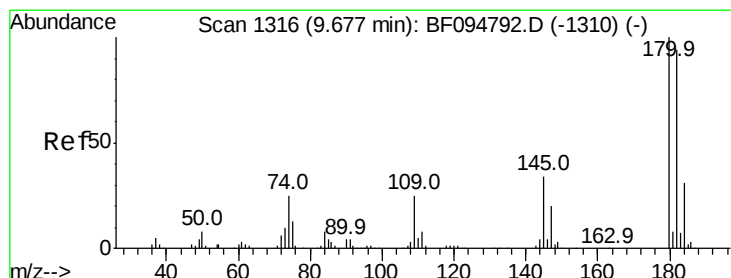
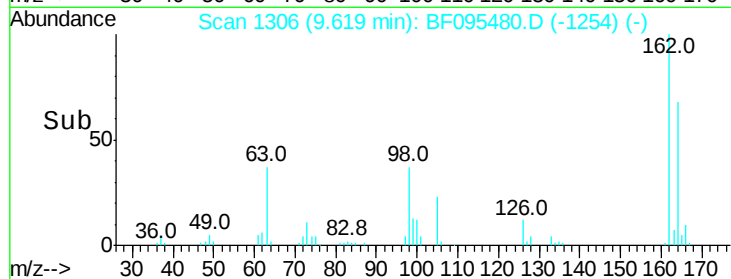
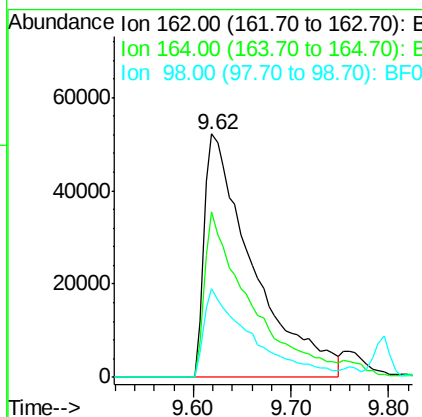
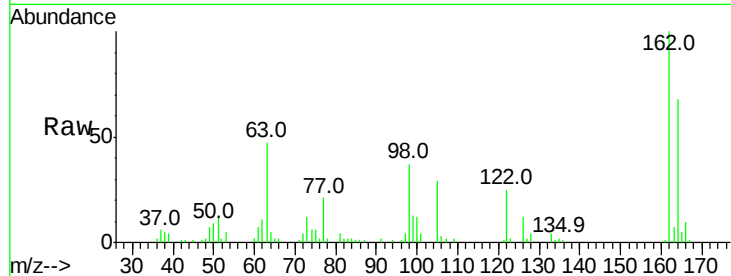
#29
 2,4-Dichlorophenol
 Concen: 35.58 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	68.1	44.6	84.6
98	36.6	14.8	54.8

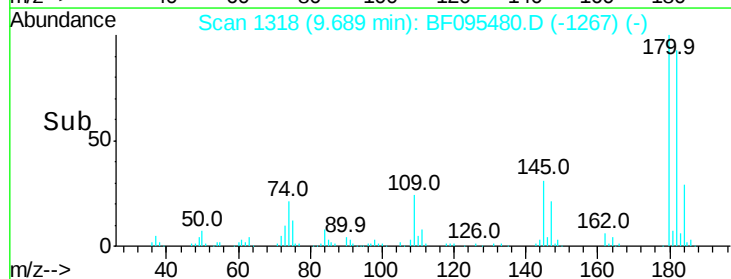
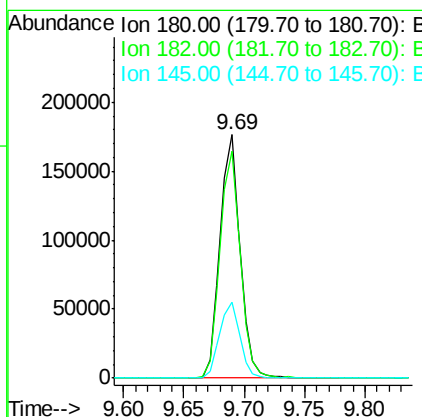
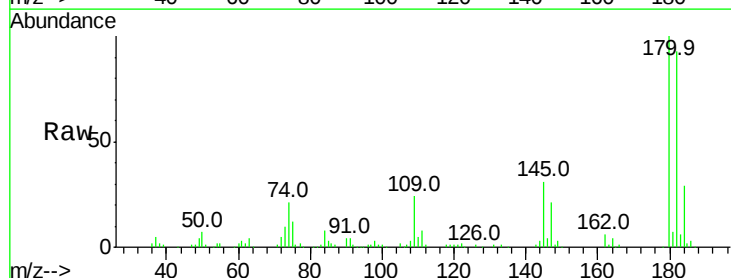
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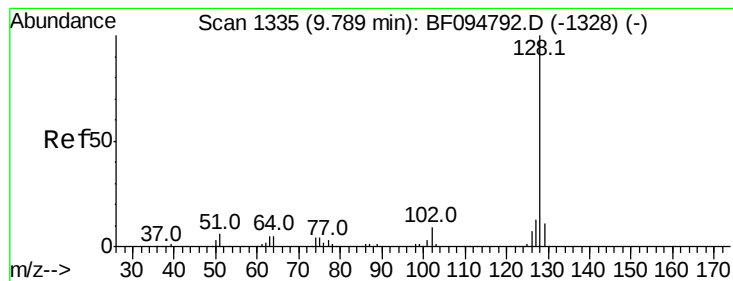
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.25 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.1	75.8	113.6
145	31.1	25.3	37.9





#31

Naphthalene

Concen: 40.17 ng

RT: 9.80 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Instrument :

BNA_F

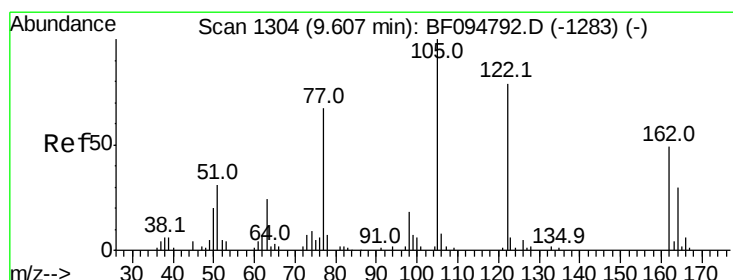
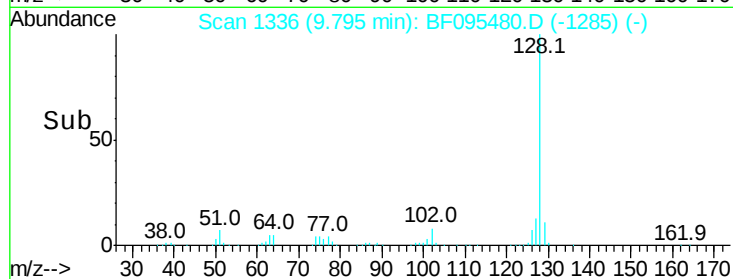
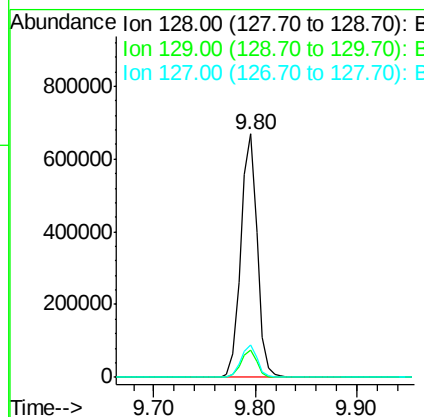
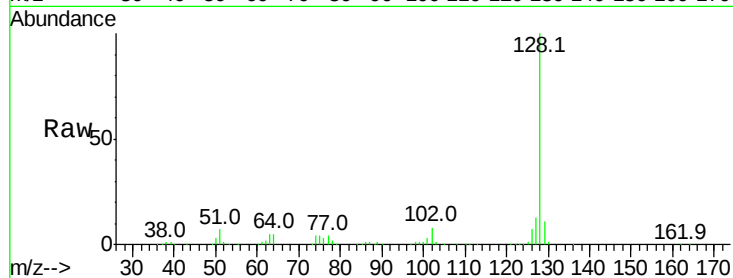
ClientSampleId :

PB99316BSD

Tot Ion:128	Resp:	750002
Ion Ratio	Lower	Upper
128 100		
129 11.0	9.0	13.6
127 13.5	10.8	16.2

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#32

Benzoic acid

Concen: 16.43 ng

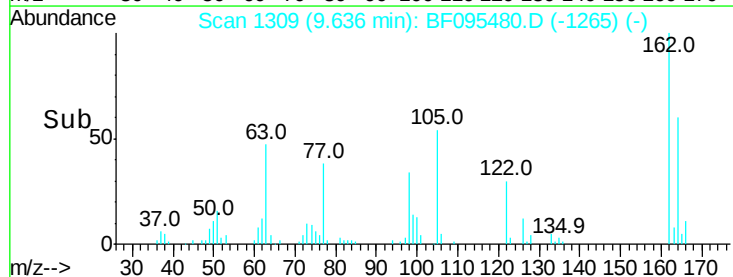
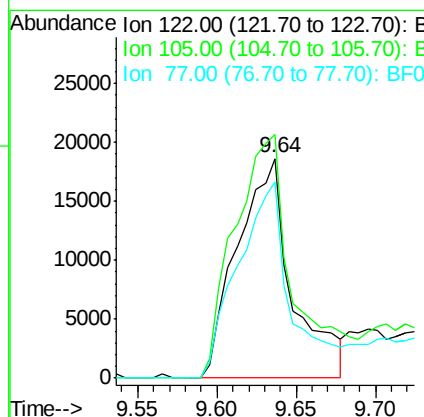
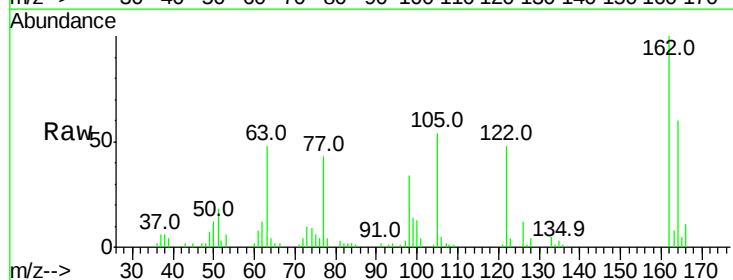
RT: 9.64 min Scan# 1309

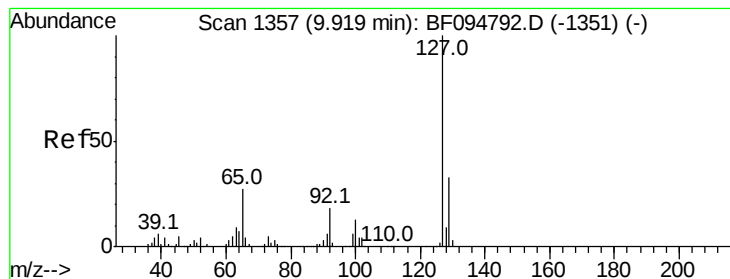
Delta R.T. -0.04 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Tgt Ion:122	Resp:	44896
Ion Ratio	Lower	Upper
122 100		
105 110.8	103.3	143.3
77 89.2	73.7	113.7





#33

4-Chloroaniline

Concen: 8.06 ng/mL

RT: 9.98 min Scan# 1367

Delta R.T. 0.04 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Instrument :

BNA_F

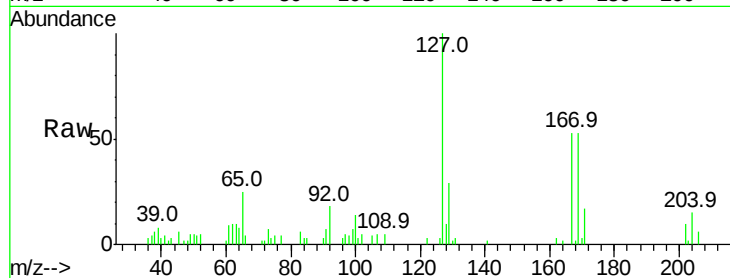
ClientSampleID :

PB99316BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.0	26.2	39.2		
65	25.0	27.8	41.8		
92	18.0	16.8	25.2		

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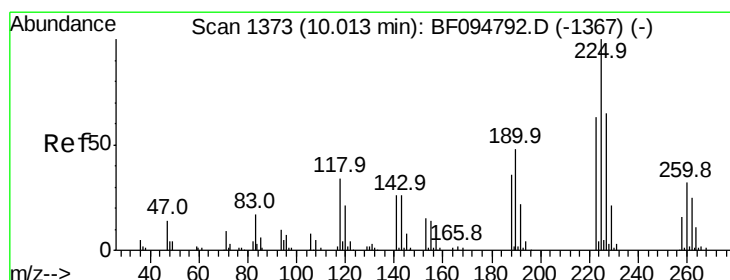
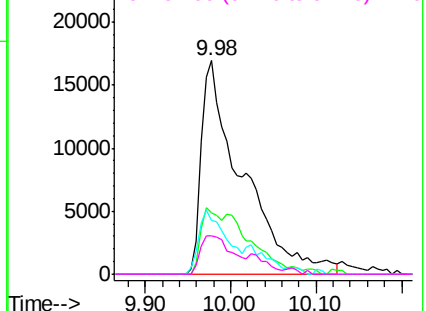
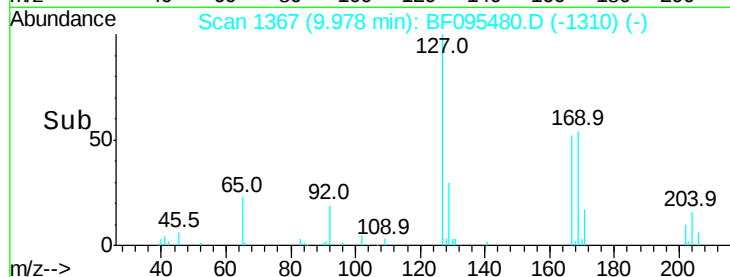
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.77 ng/mL

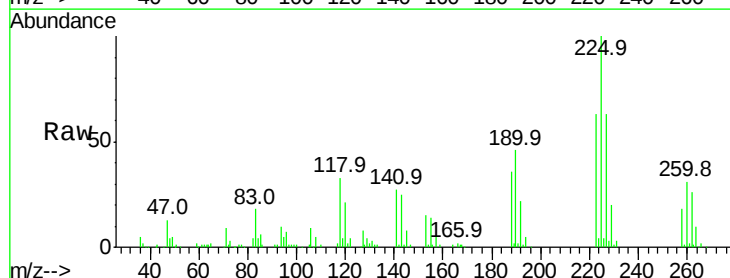
RT: 10.01 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	48.8	73.2		
227	63.4	51.1	76.7		

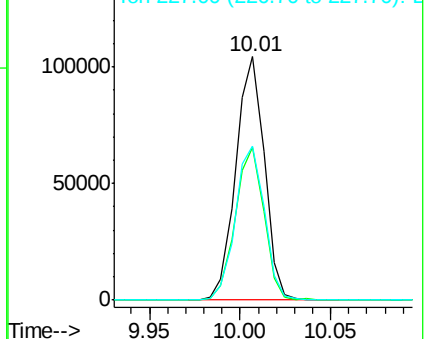
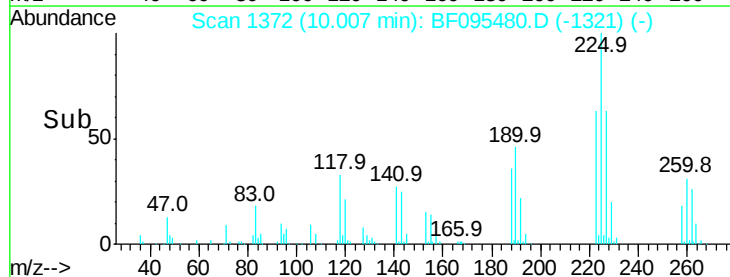


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





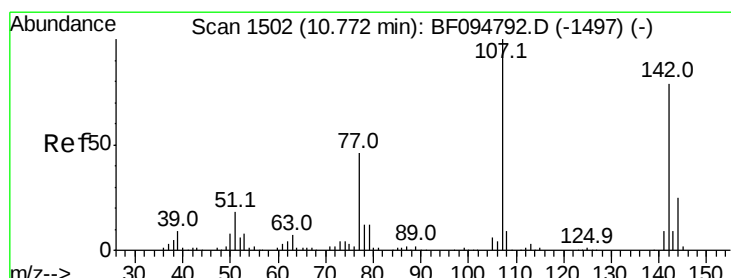
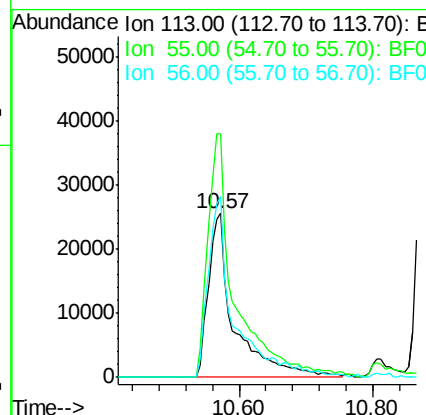
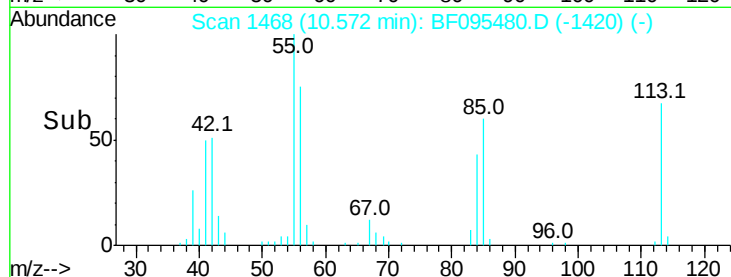
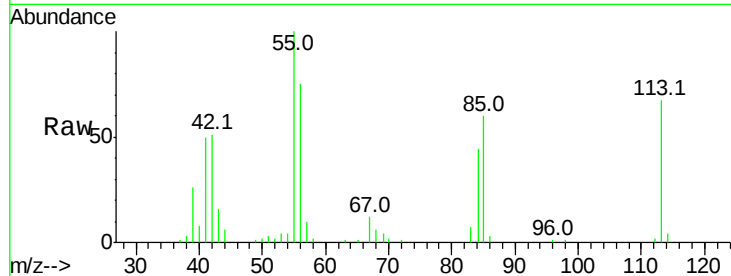
#35
 Caprolactam
 Concen: 44.73 ng
 RT: 10.57 min Scan# 1468
 Delta R.T. -0.02 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Instrument :
 BNA_F
 ClientSampleID :
 PB99316BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	148.2	150.2	190.2#		
56	110.6	107.8	147.8		

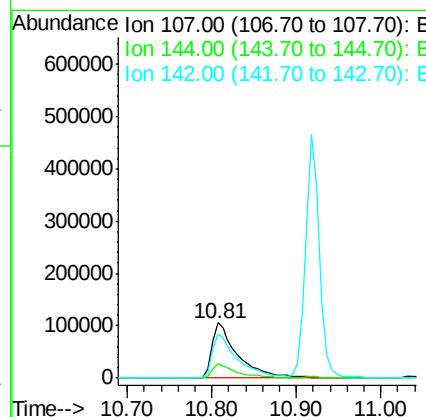
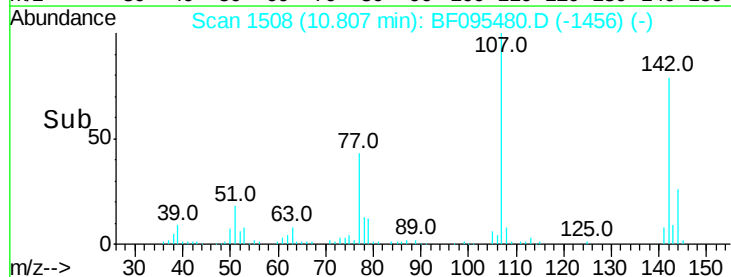
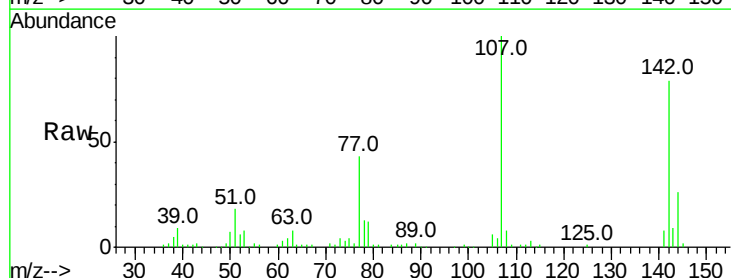
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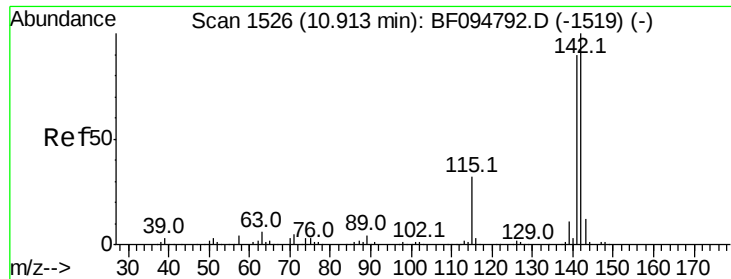
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#36
 4-Chloro-3-methylphenol
 Concen: 41.48 ng
 RT: 10.81 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.4	24.2	36.4		
142	79.5	73.4	110.0		





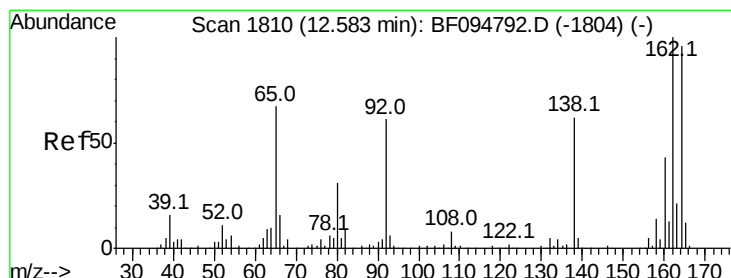
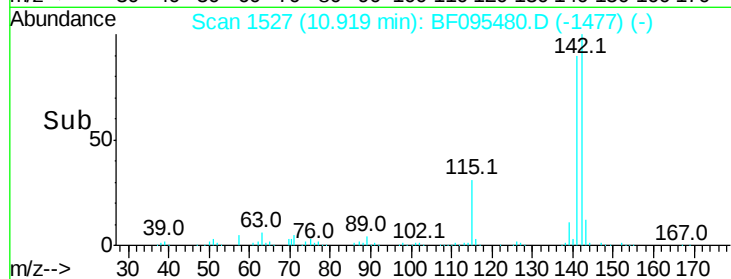
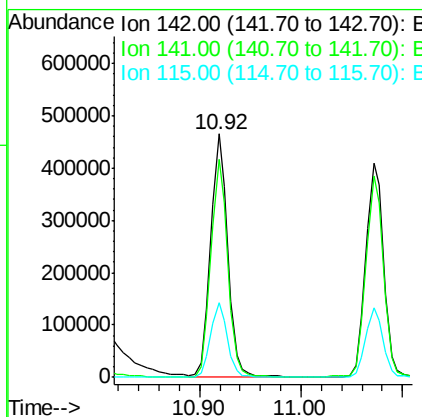
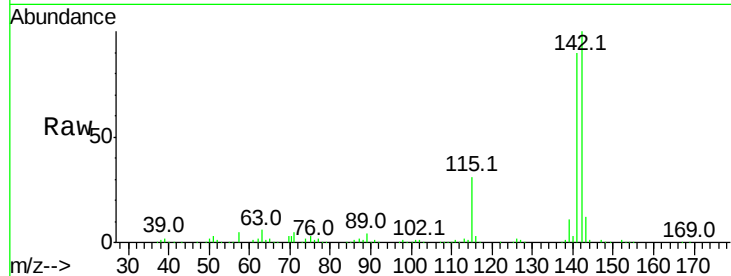
#37
2-Methylnaphthalene
Concen: 44.75 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	548303		
141	89.7	71.3	106.9	
115	30.7	27.1	40.7	

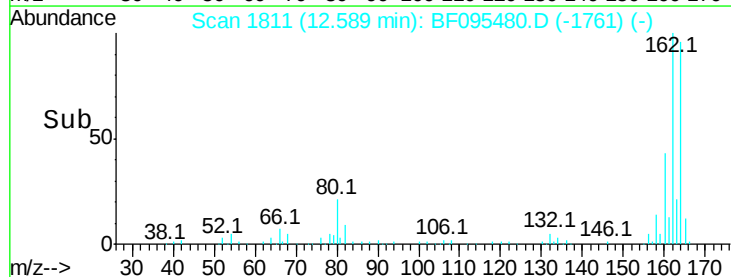
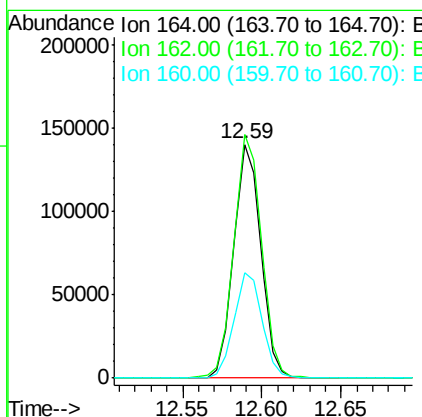
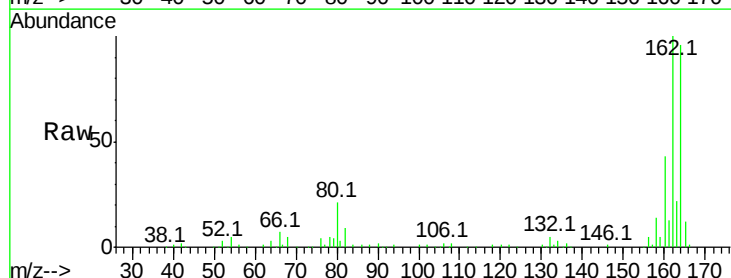
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	165952		
162	104.1	82.6	123.8	
160	45.0	36.2	54.2	





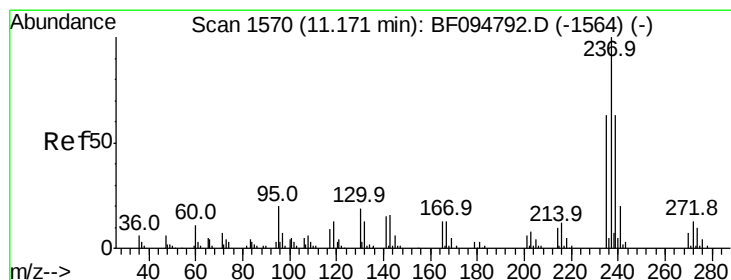
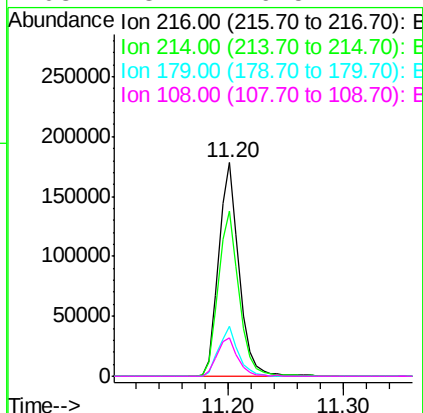
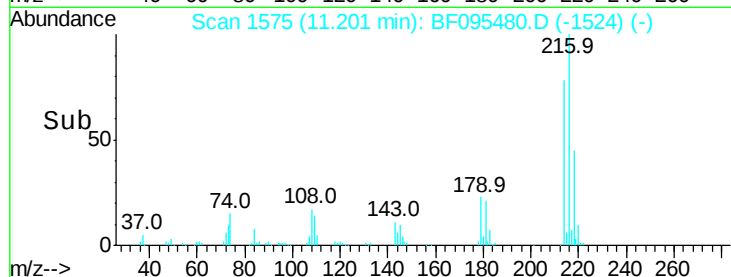
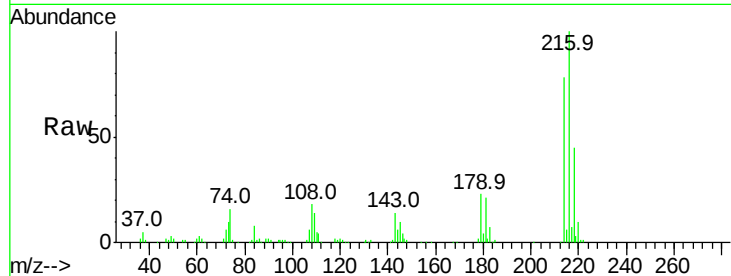
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.64 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	217592		
214	78.6		63.4	95.2
179	21.9		17.9	26.9
108	18.4		16.5	24.7

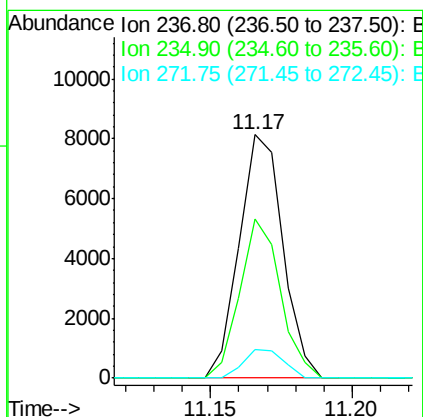
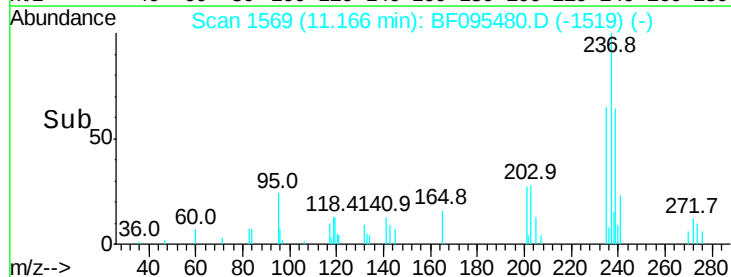
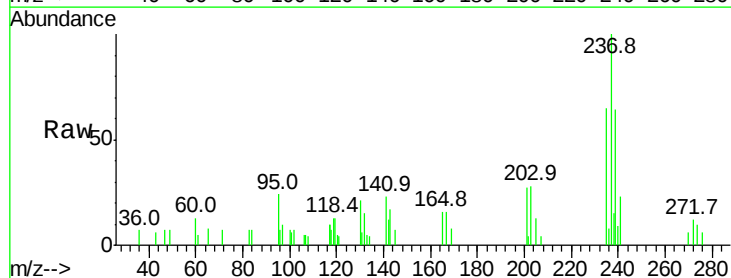
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#40
 Hexachlorocyclopentadiene
 Concen: 9.81 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	8722		
235	65.4		42.6	82.6
272	11.6		0.0	31.9





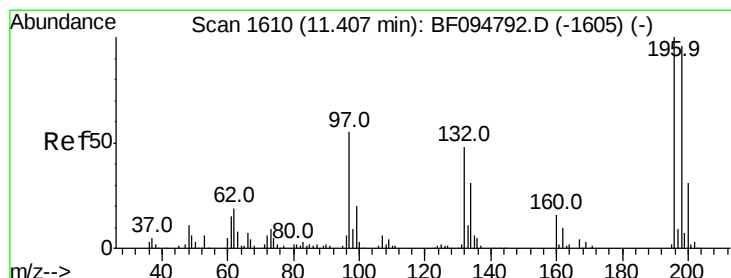
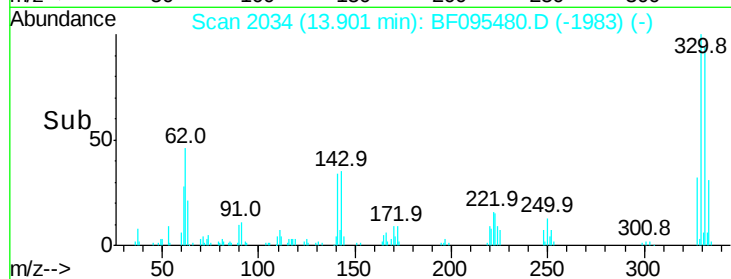
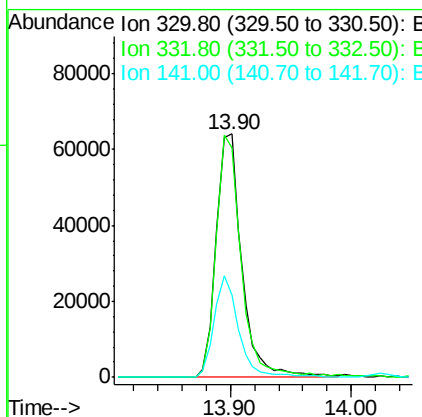
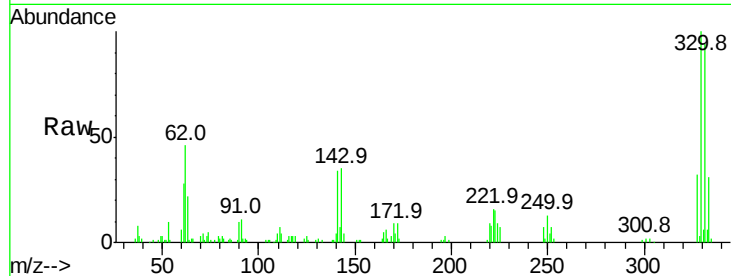
#41
 2,4,6-Tribromophenol
 Concen: 69.20 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	39.7	31.4	47.2

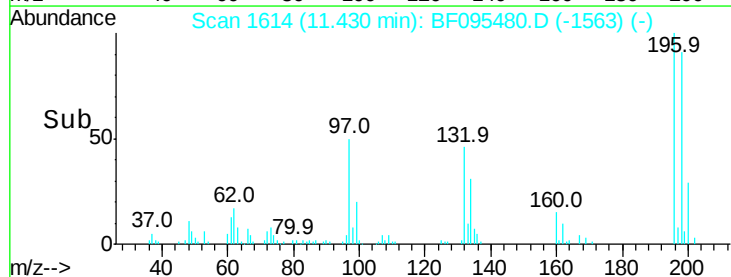
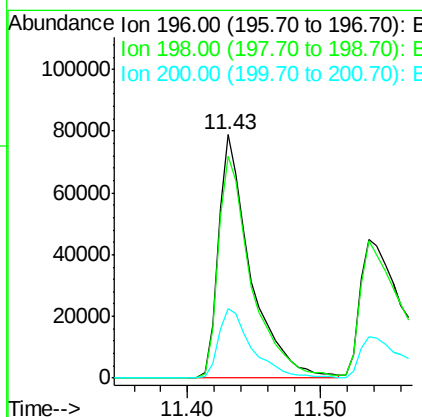
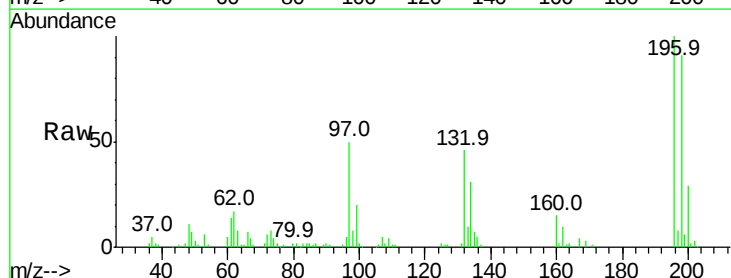
Manual Integrations
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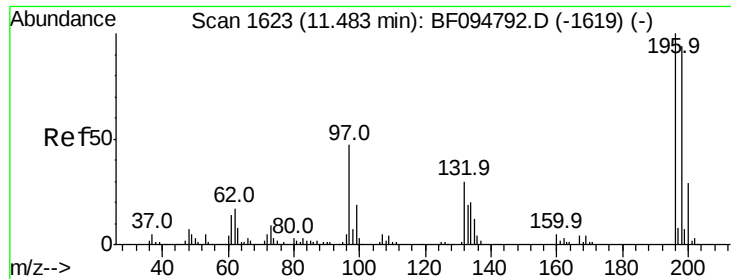
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#42
 2,4,6-Trichlorophenol
 Concen: 38.95 ng
 RT: 11.43 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.2	74.2	111.4
200	28.5	24.0	36.0





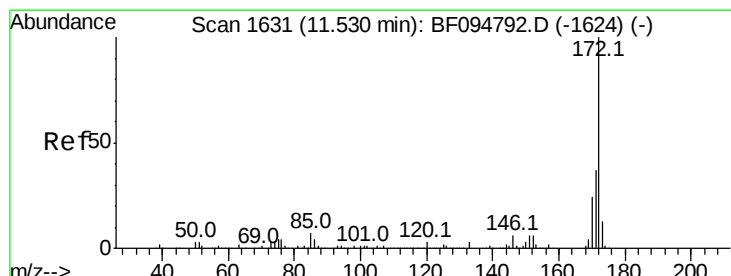
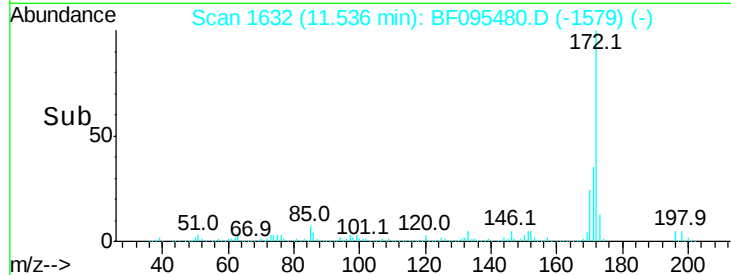
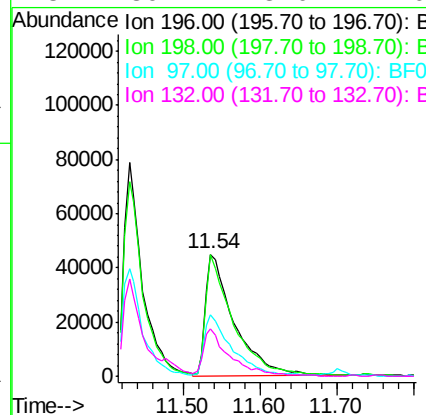
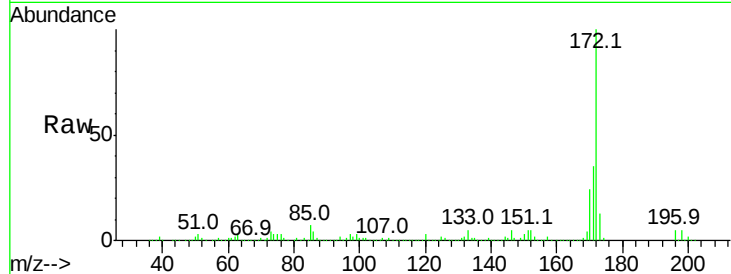
#43
 2,4,5-Trichlorophenol
 Concen: 31.42 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	115084		
198	99.4	75.7	113.5	
97	50.8	47.7	71.5	
132	39.2	28.0	42.0	

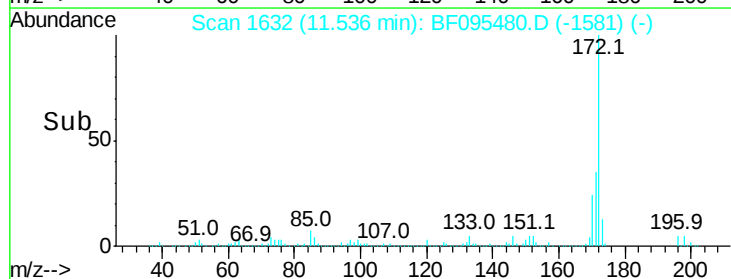
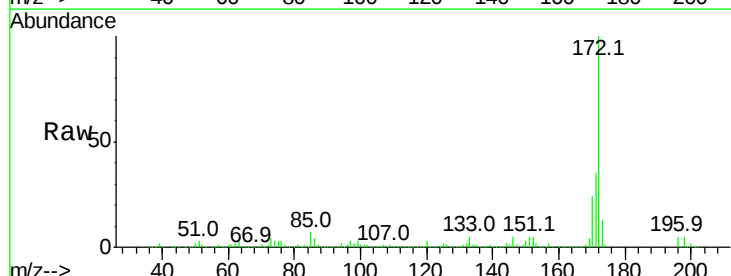
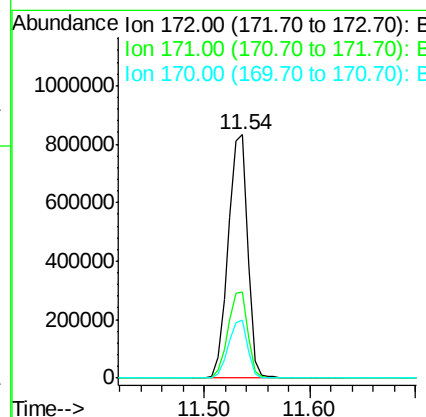
Manual Integrations
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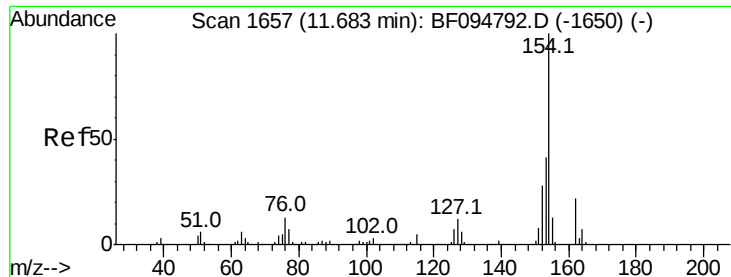
mohammad
 5/30/2017 1:37:06 PM



#44
 2-Fluorobiphenyl
 Concen: 92.46 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1066039		
171	35.5	29.6	44.4	
170	23.8	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 36.66 ng

RT: 11.68 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Instrument :

BNA_F

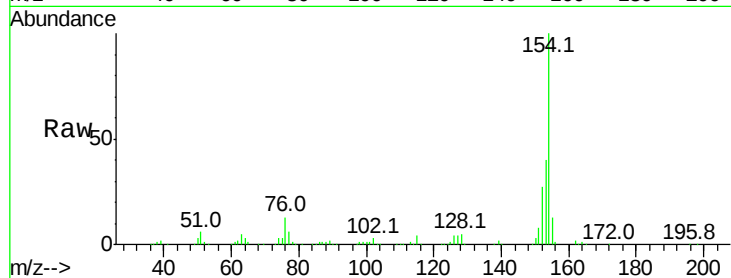
ClientSampled :

PB99316BSD

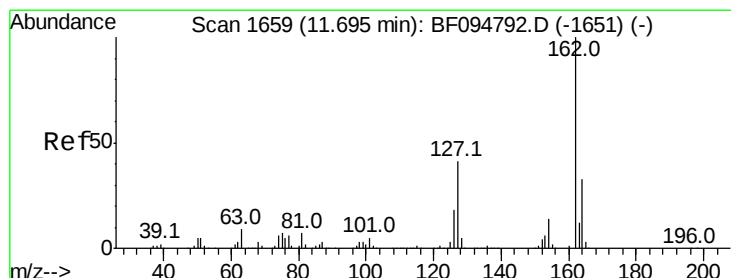
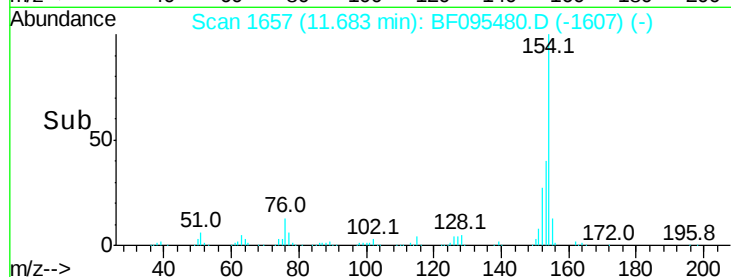
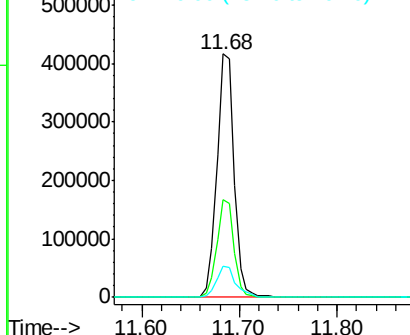
Tot Ion:	154	Resp:	512194
Ion Ratio	Lower	Upper	
154	100		
153	40.0	21.2	61.2
76	12.9	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 35.14 ng

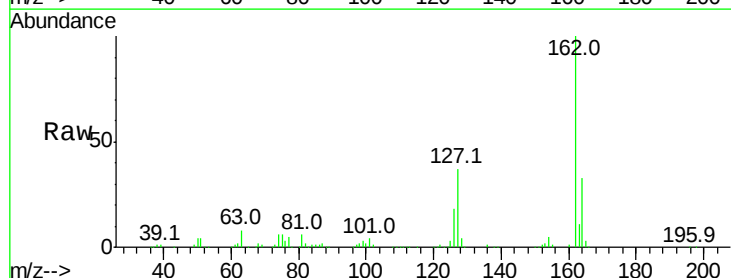
RT: 11.71 min Scan# 1661

Delta R.T. 0.00 min

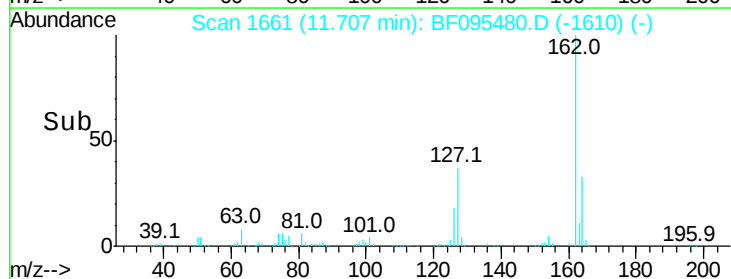
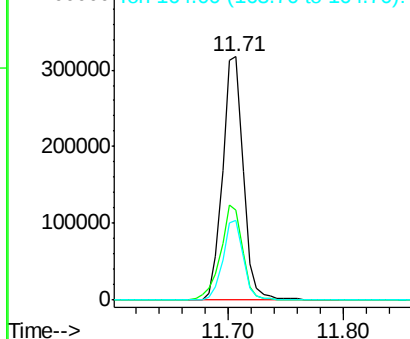
Lab File: BF095480.D

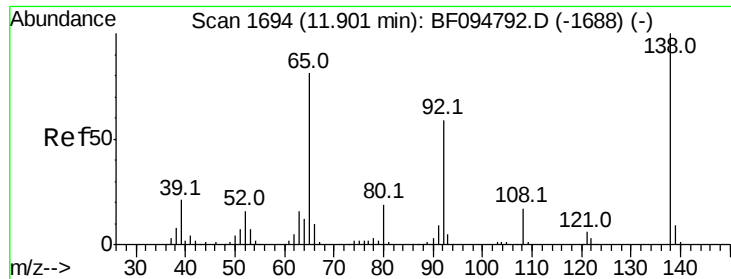
Acq: 27 May 2017 2:49

Tgt Ion:	162	Resp:	396430
Ion Ratio	Lower	Upper	
162	100		
127	37.2	28.3	42.5
164	32.7	27.0	40.4



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





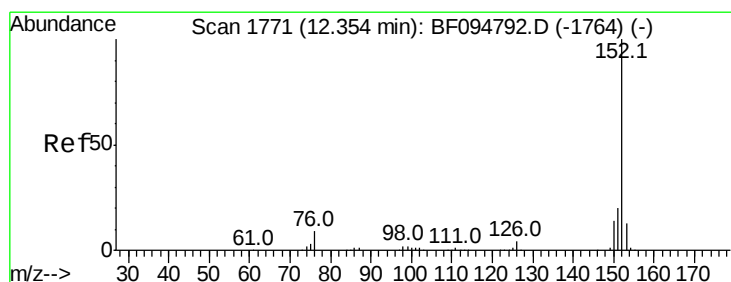
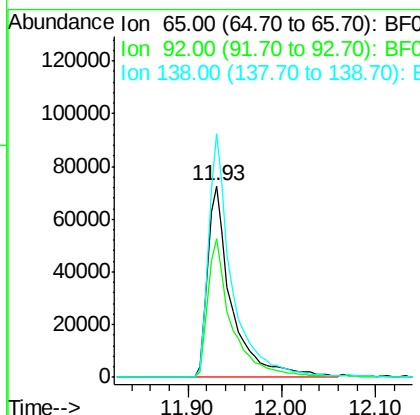
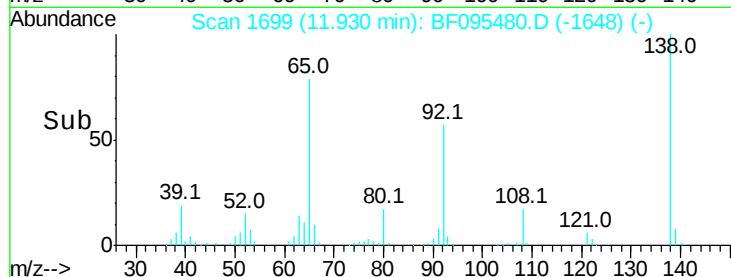
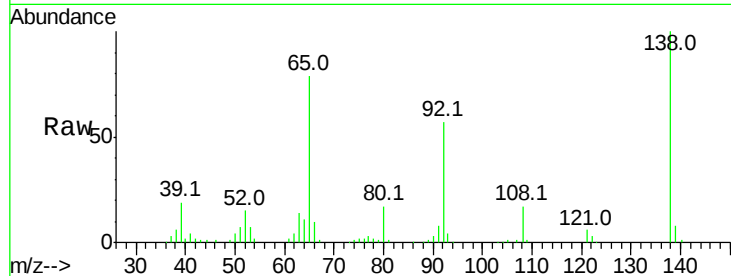
#47
 2-Nitroaniline
 Concen: 42.30 ng
 RT: 11.93 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.2	53.9	80.9
138	127.0	78.8	118.2

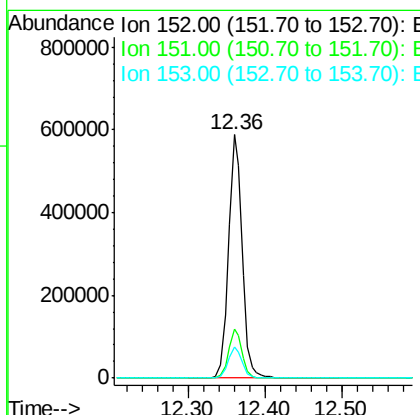
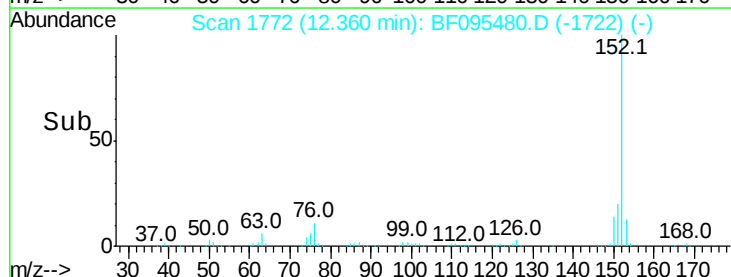
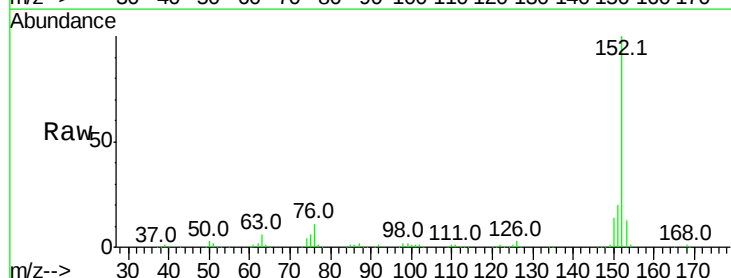
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#48
 Acenaphthylene
 Concen: 41.04 ng
 RT: 12.36 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	12.8	10.8	16.2





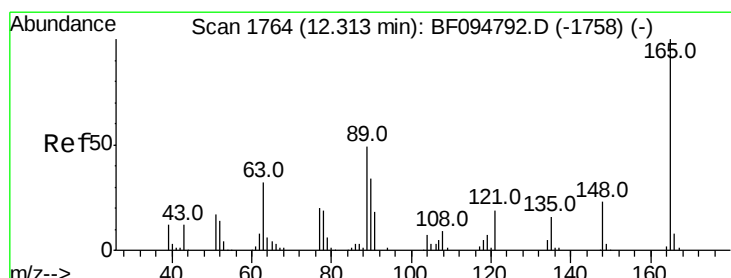
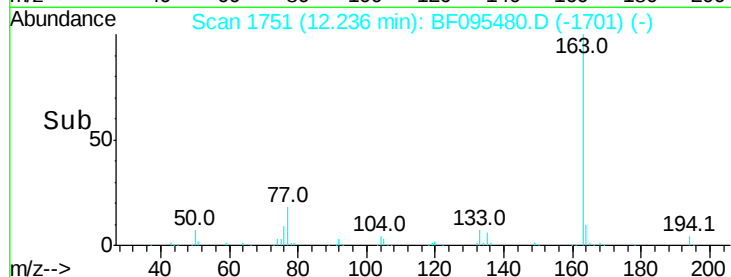
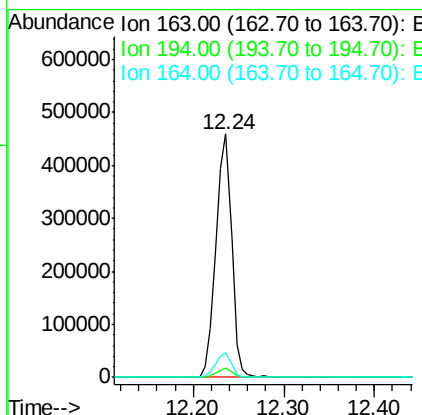
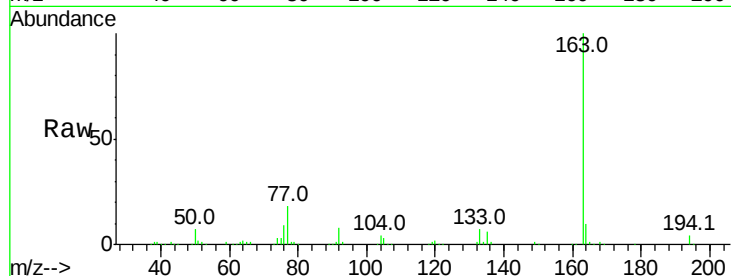
#49
Dimethylphthalate
Concen: 40.44 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	550941		
194	3.6		2.6	4.0
164	10.0		8.4	12.6

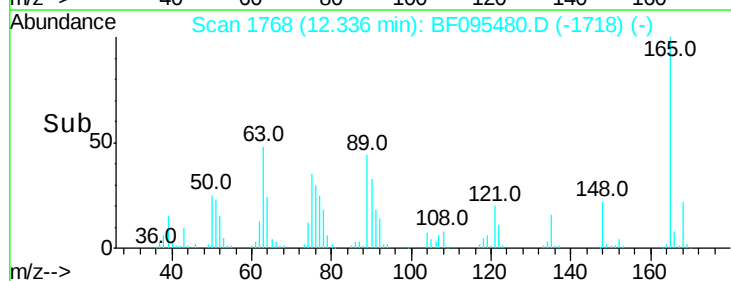
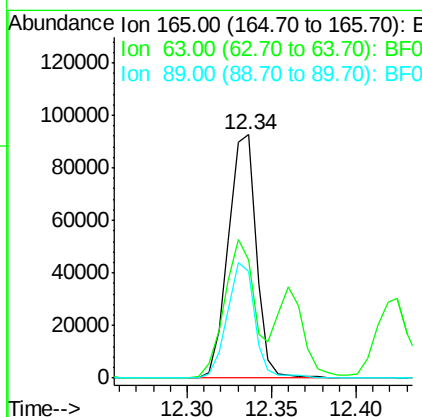
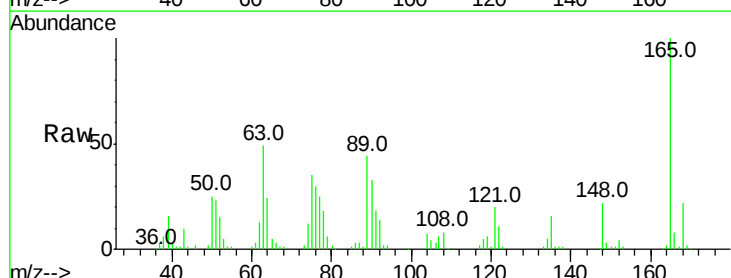
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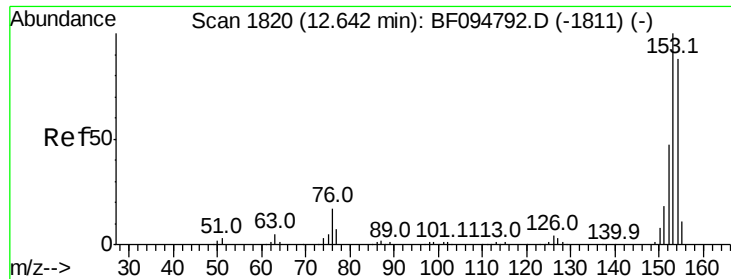
mohammad
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#50
2,6-Dinitrotoluene
Concen: 38.32 ng
RT: 12.34 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	106493		
63	48.8		34.3	51.5
89	44.1		37.1	55.7





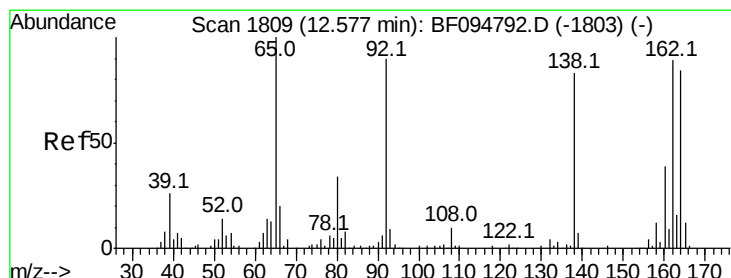
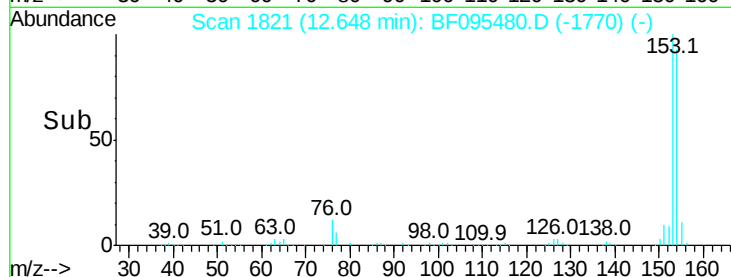
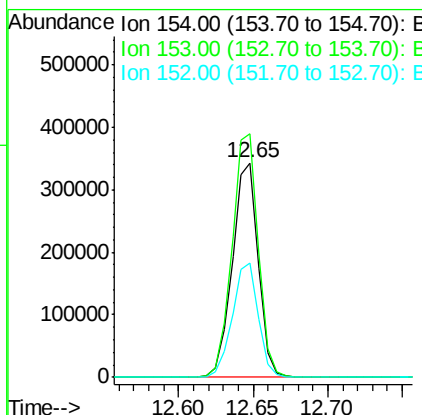
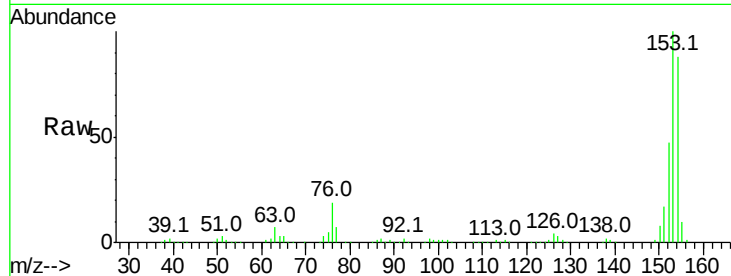
#51
Acenaphthene
Concen: 39.52 ng
RT: 12.65 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.5	135.7
152	53.4	43.6	65.4

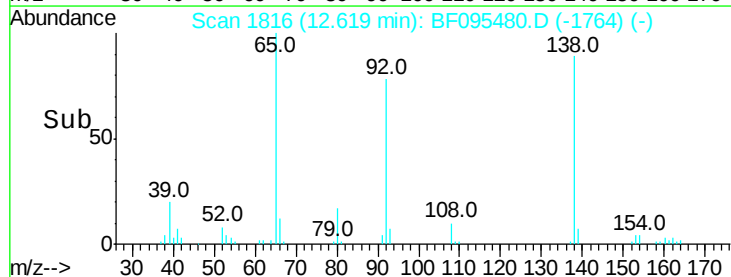
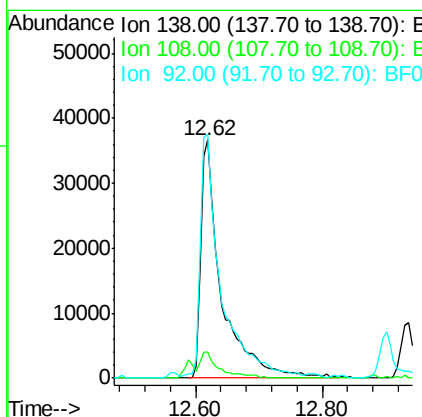
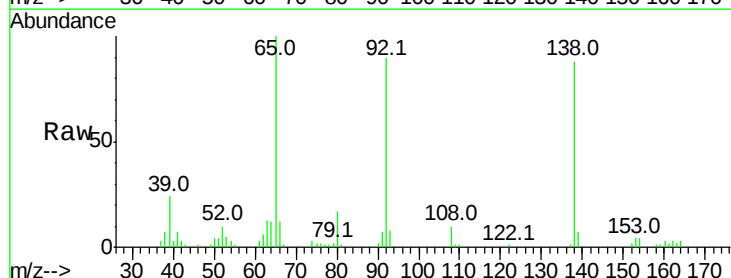
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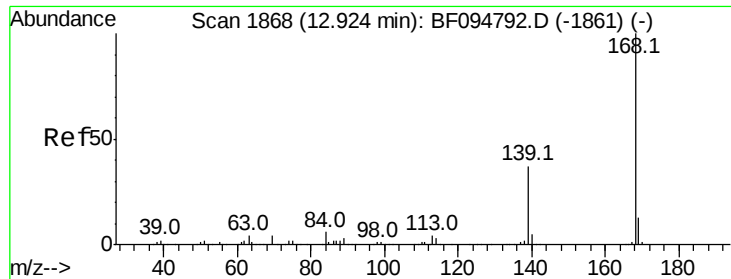
mohammad
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#52
3-Nitroaniline
Concen: 27.53 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.1	13.7
92	102.3	93.8	140.6





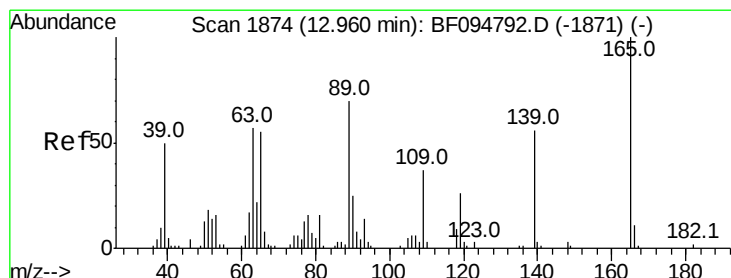
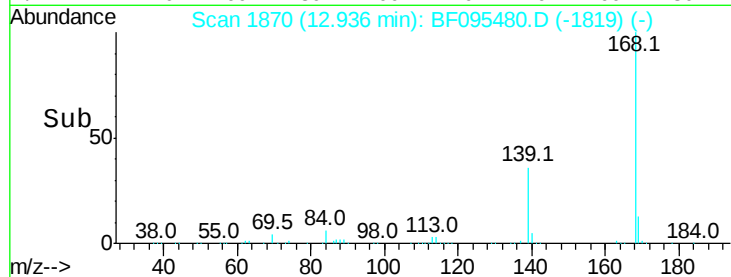
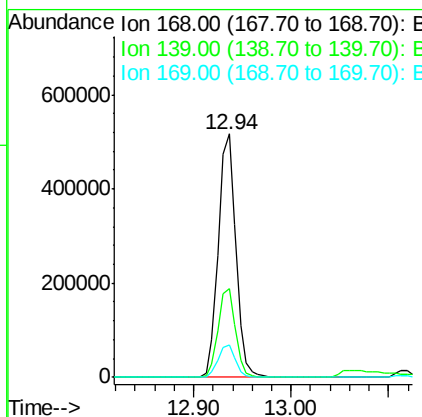
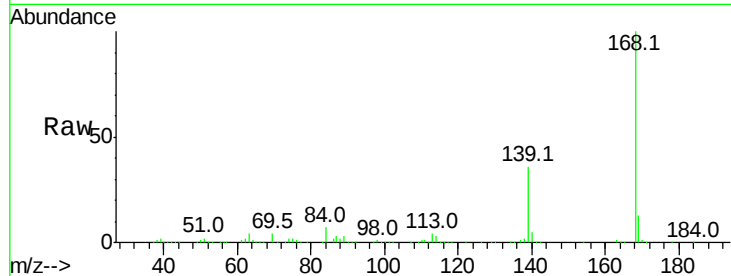
#54
Dibenzenofuran
Concen: 44.41 ng
RT: 12.94 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.6	45.8
169	13.3	10.8	16.2

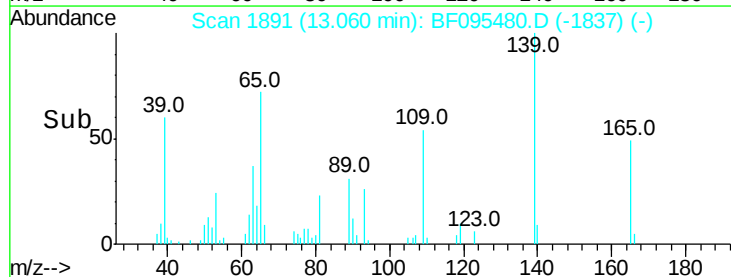
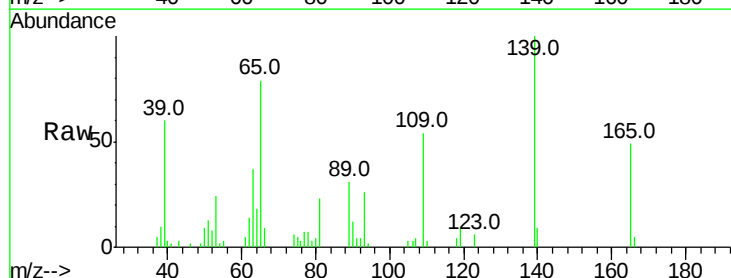
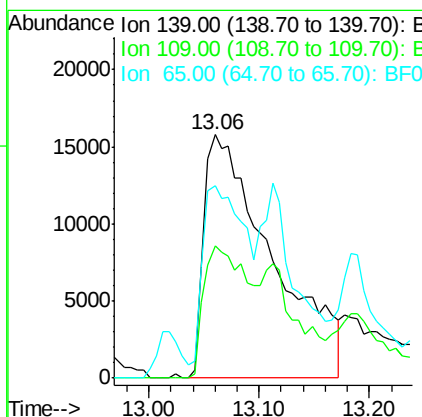
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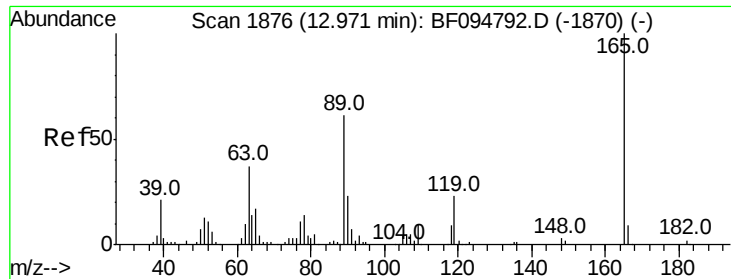
mohammad
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#55
4-Nitrophenol
Concen: 37.56 ng
RT: 13.06 min Scan# 1891
Delta R.T. 0.02 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	54.5	34.1	74.1
65	79.0	31.4	71.4#





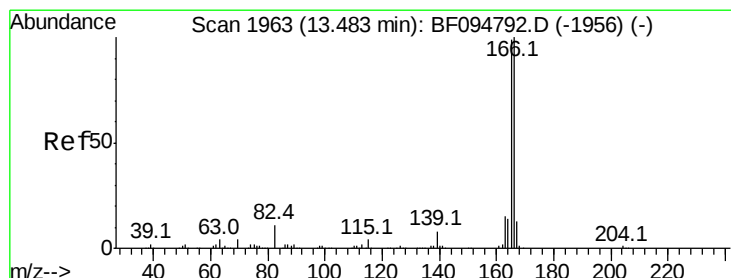
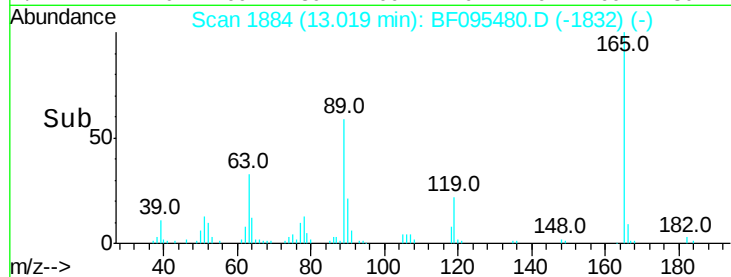
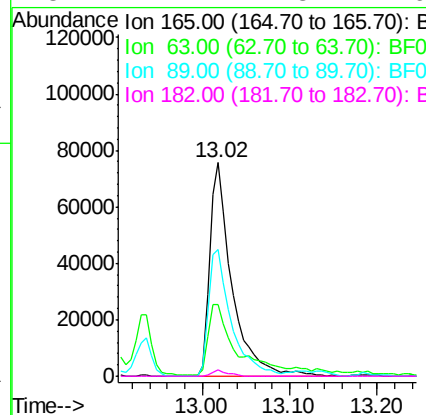
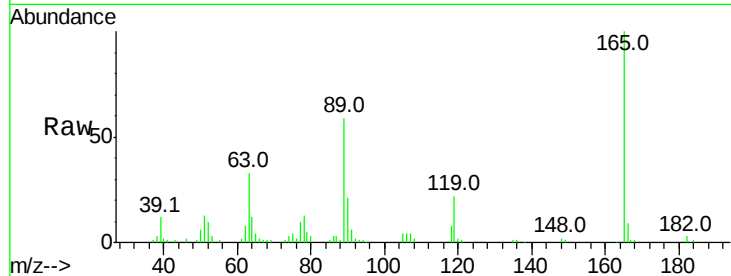
#56
2,4-Dinitrotoluene
Concen: 37.01 ng
RT: 13.02 min Scan# 1884
Delta R.T. 0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	33.5	25.4	38.0
89	59.5	46.4	69.6
182	2.7	1.8	2.6

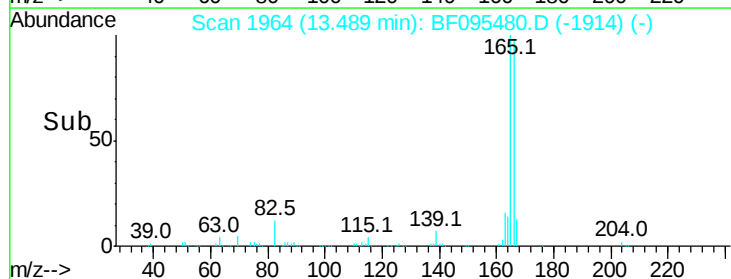
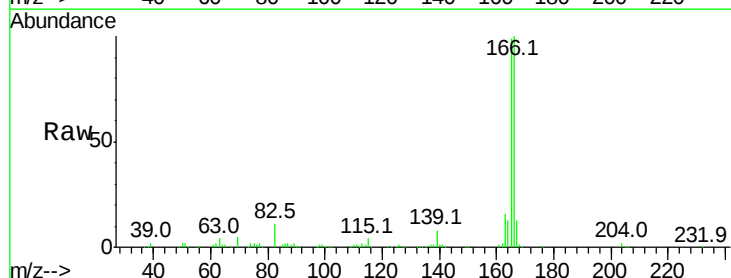
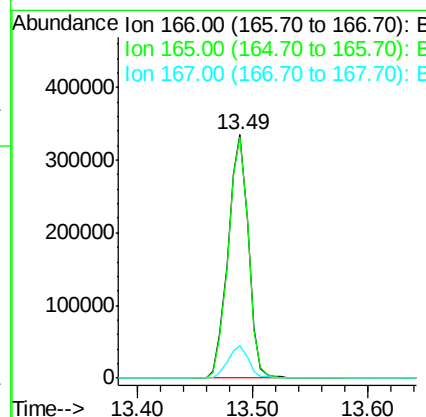
Manual Integrations
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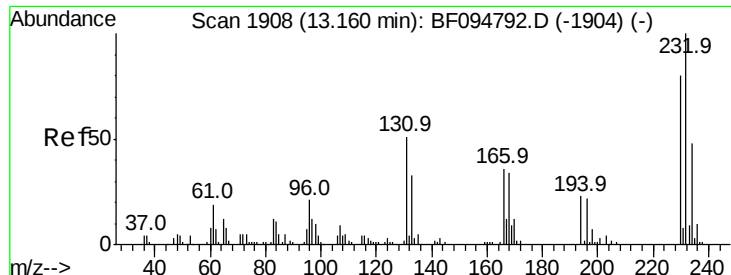
mohammad
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#57
Fluorene
Concen: 31.95 ng
RT: 13.49 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.0	78.8	118.2
167	13.4	10.6	16.0





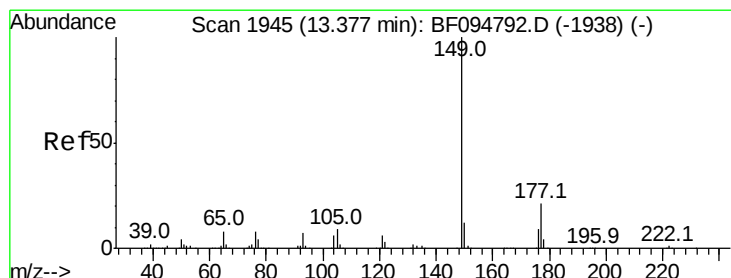
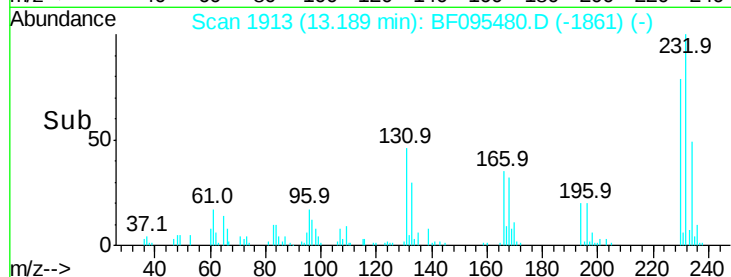
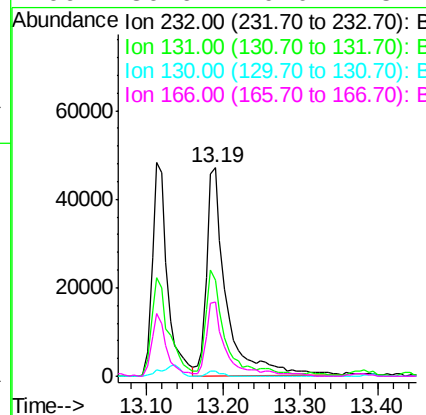
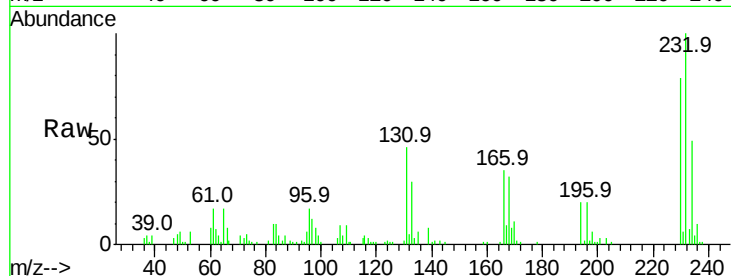
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.56 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. 0.01 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	81962		
131	41.8		44.8	67.2#
130	1.8		2.3	3.5#
166	36.6		29.0	43.4

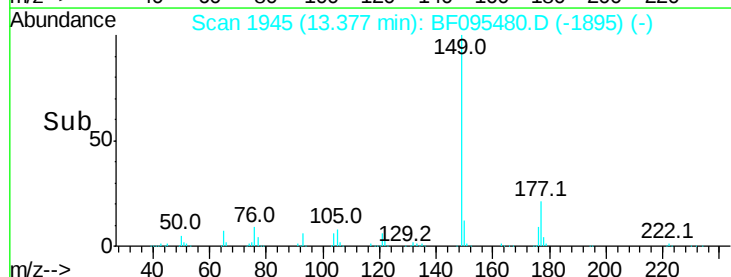
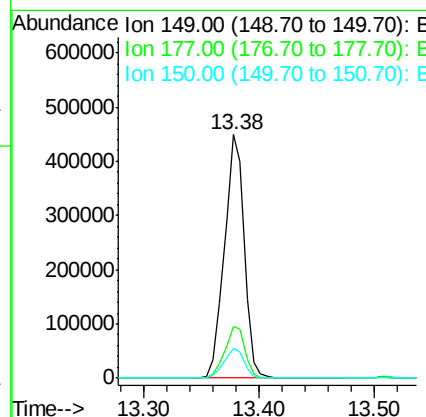
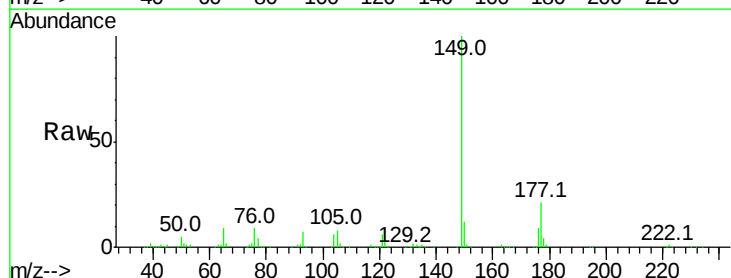
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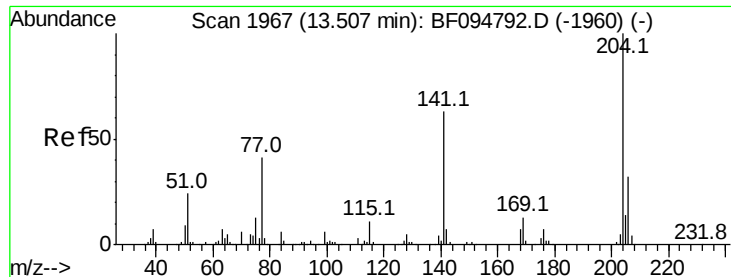
mohammad
 5/30/2017 1:37:06 PM



#59
 Diethylphthalate
 Concen: 40.76 ng
 RT: 13.38 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	532254		
177	21.1		16.7	25.1
150	12.5		10.2	15.2





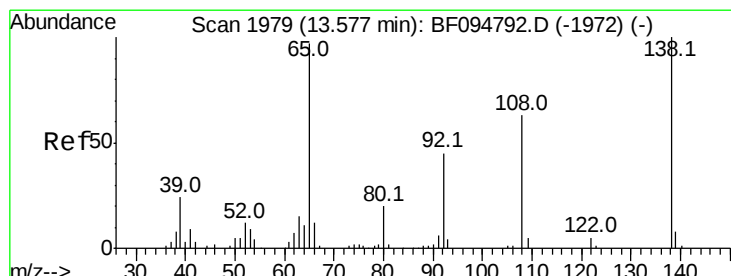
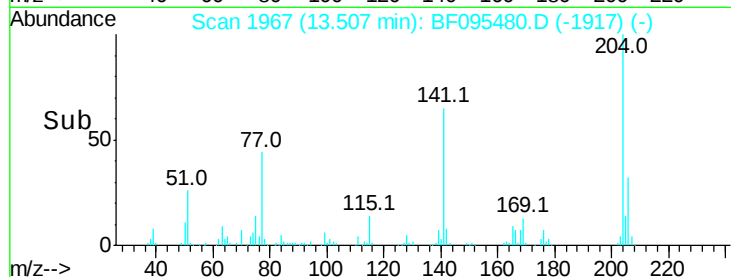
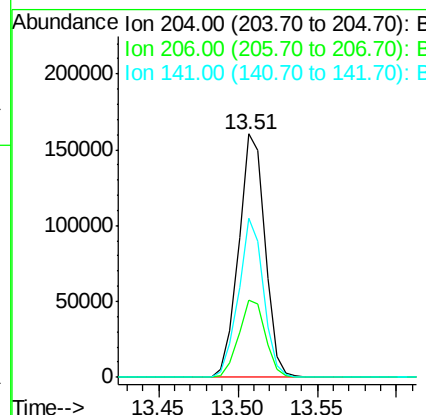
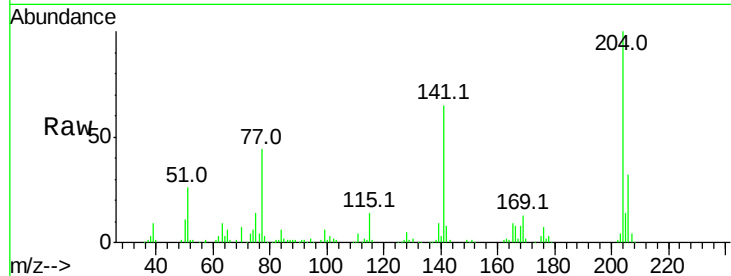
#60
4-Chlorophenyl-phenylether
Concen: 33.00 ng
RT: 13.51 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.2	39.2
141	65.1	60.8	91.2

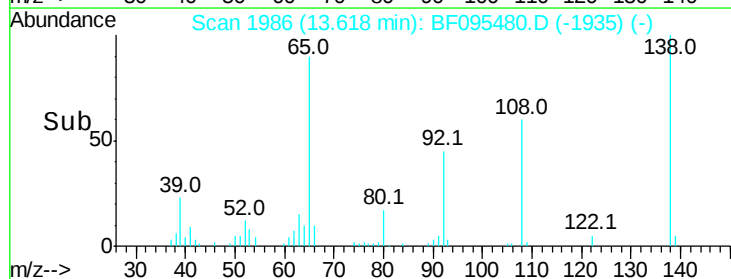
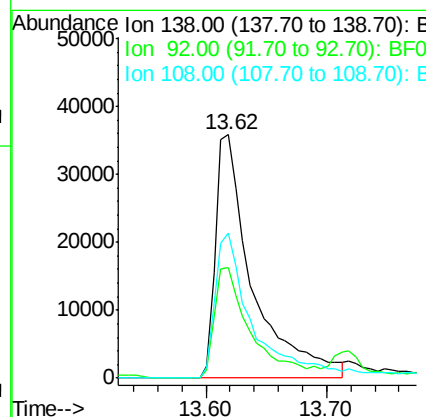
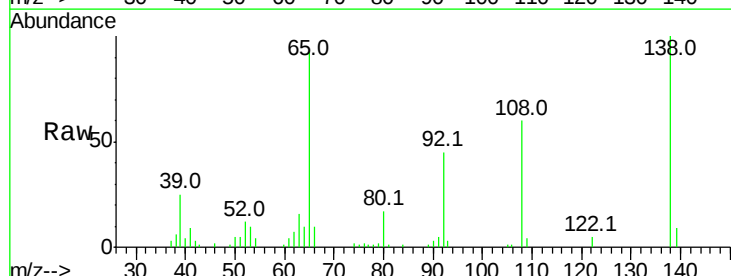
Manual Integrations
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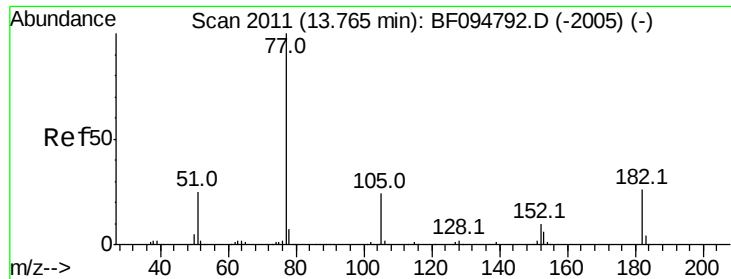
mohammad
5/30/2017 1:37:06 PM



#61
4-Nitroaniline
Concen: 27.68 ng
RT: 13.62 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.4	21.8	61.8
108	59.6	42.3	82.3





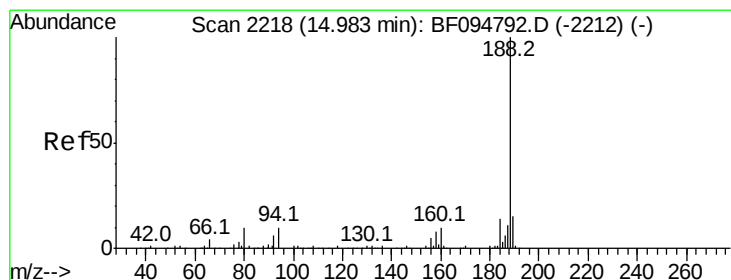
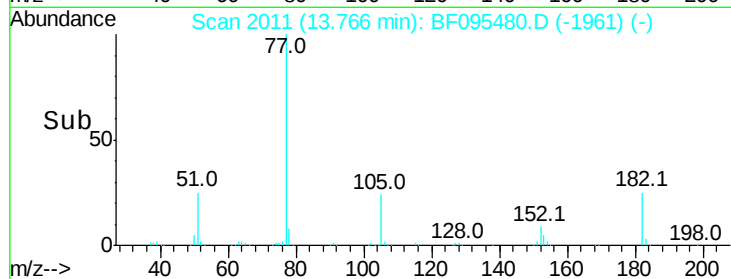
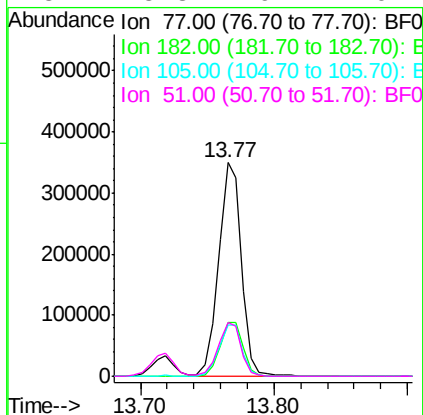
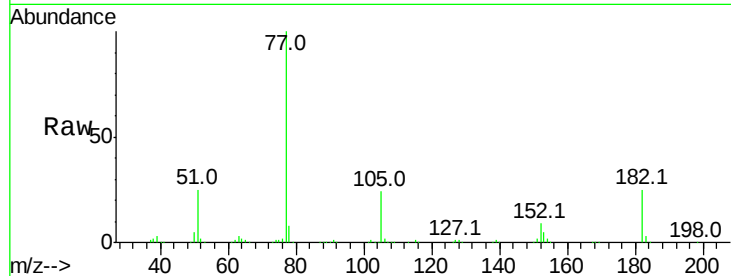
#62
Azobenzene
Concen: 39.89 ng
RT: 13.77 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		418597		
182	25.1	0.1	40.1		
105	24.3	3.6	43.6		
51	25.3	9.4	49.4		

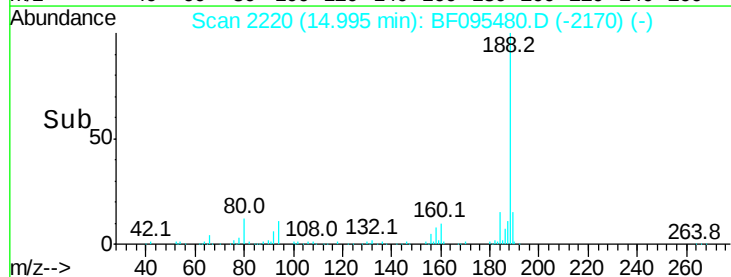
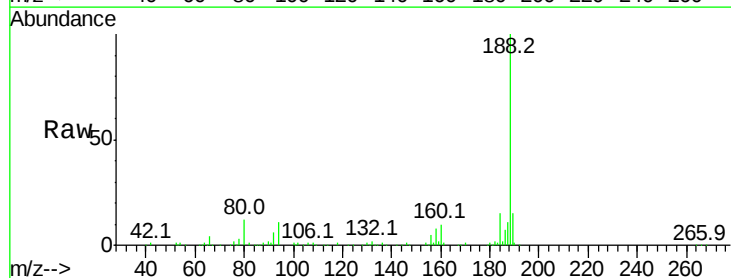
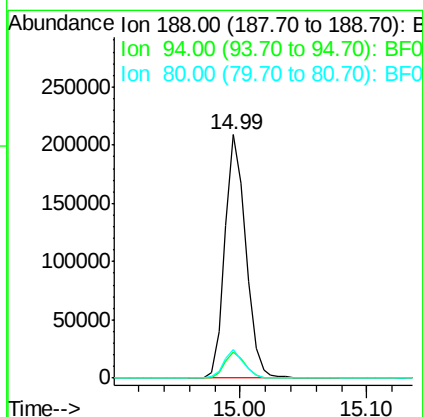
Manual Integrations
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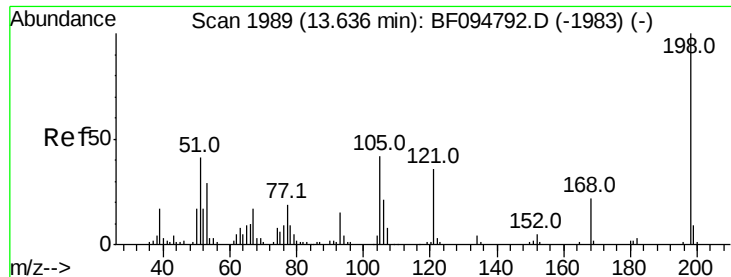
mohammad
5/30/2017 1:37:06 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.99 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		239104		
94	10.9	9.4	14.2		
80	11.5	10.2	15.2		





#64

4,6-Dinitro-2-methylphenol

Concen: 3.29 ng

RT: 13.72 min Scan# 2004

Delta R.T. 0.04 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Instrument :

BNA_F

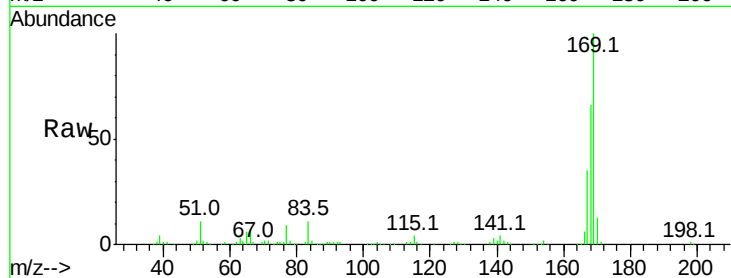
ClientSampleId :

PB99316BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	5279		
51	988.8		53.2	93.2#
105	39.8		45.8	85.8#

Manual Integrations
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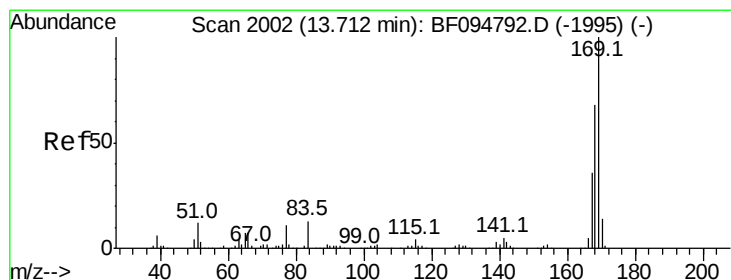
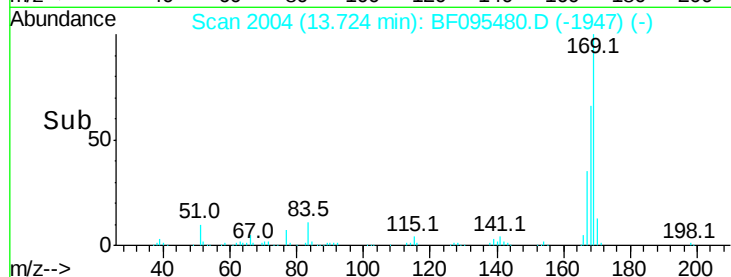
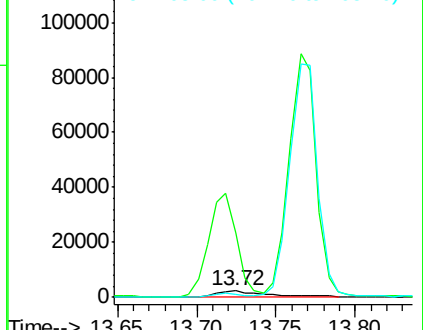
mohammad
5/30/2017 1:37:06 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 44.44 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF095480.D

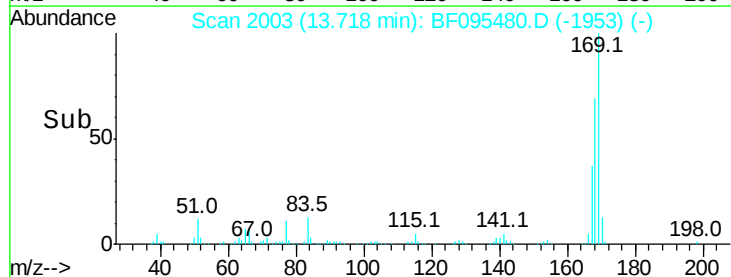
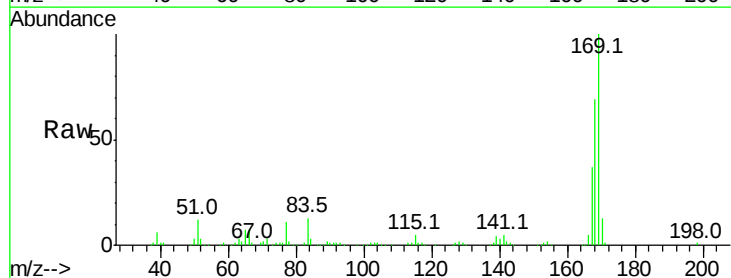
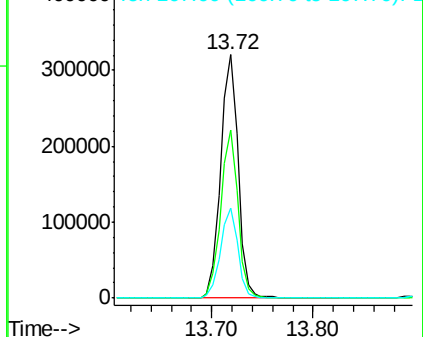
Acq: 27 May 2017 2:49

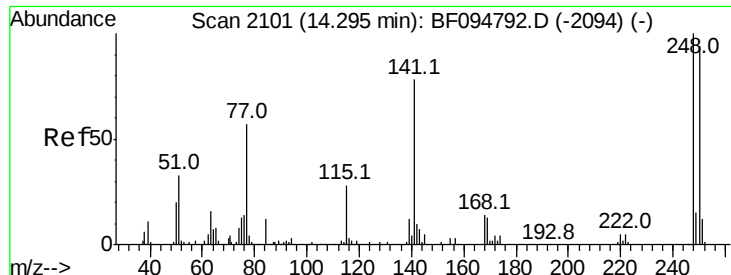
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	385653		
168	68.9		53.2	79.8
167	36.9		29.5	44.3

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





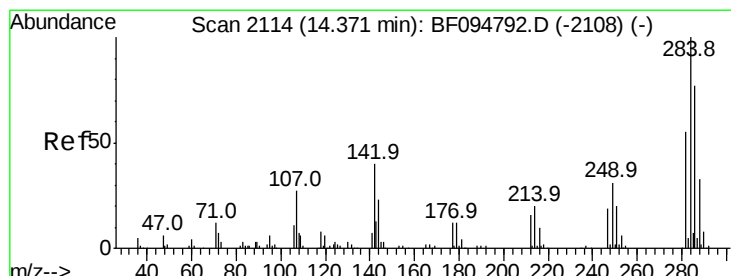
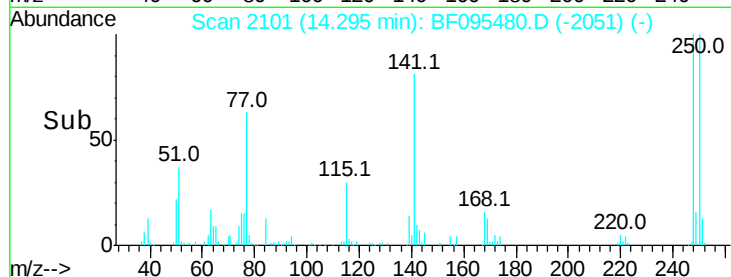
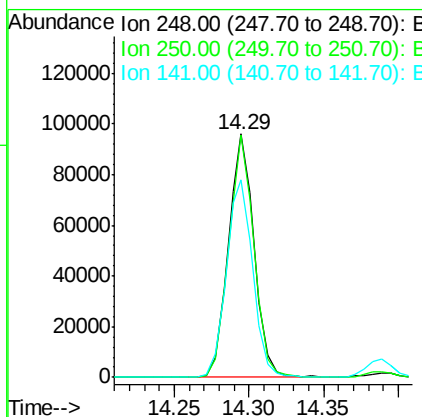
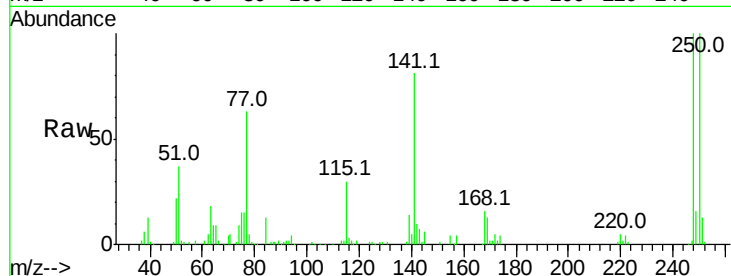
#66
4-Bromophenyl-phenylether
Concen: 45.97 ng
RT: 14.29 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	76.8	115.2
141	81.3	68.6	103.0

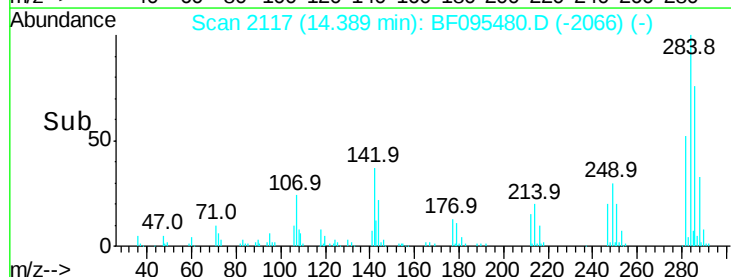
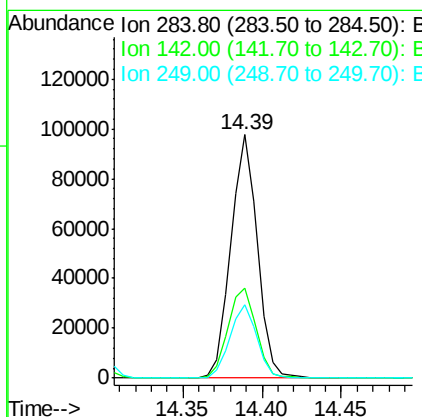
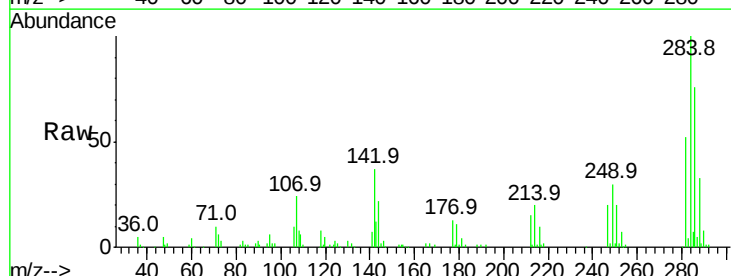
Manual Integrations
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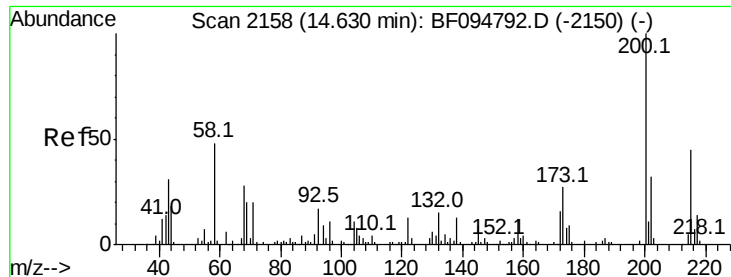
mohammad
5/30/2017 1:37:06 PM



#67
Hexachlorobenzene
Concen: 43.62 ng
RT: 14.39 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.0	22.8	34.2#
249	30.1	24.0	36.0





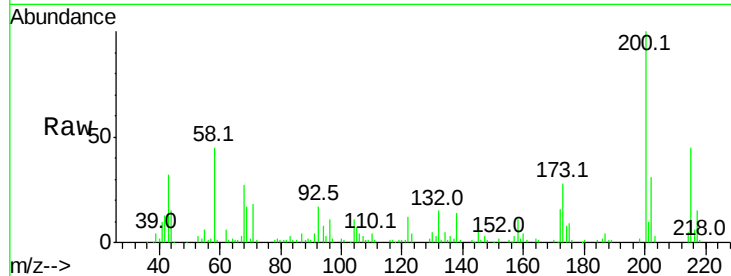
#68
Atrazine
Concen: 45.74 ng
RT: 14.64 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

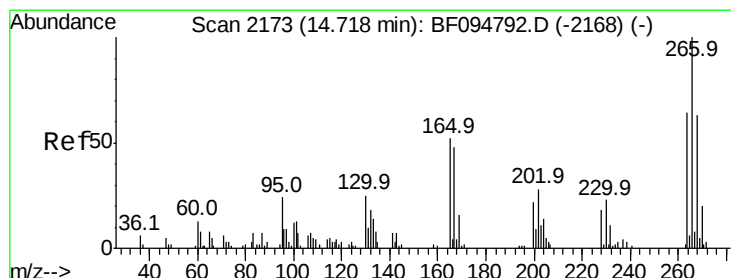
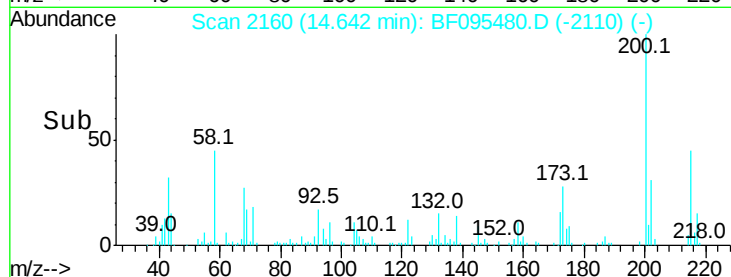
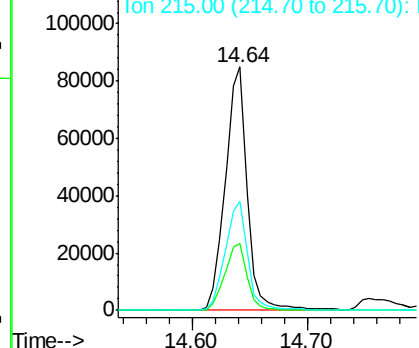
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.5	6.3	46.3
215	45.0	27.2	67.2

Manual Integrations
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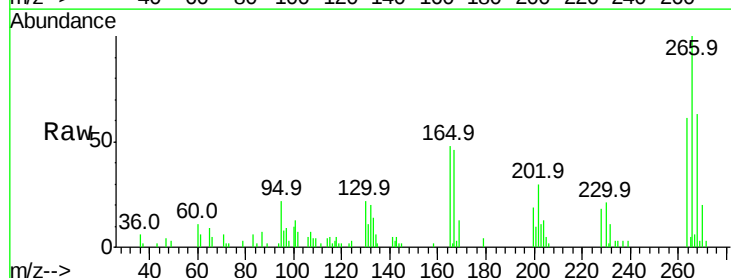


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

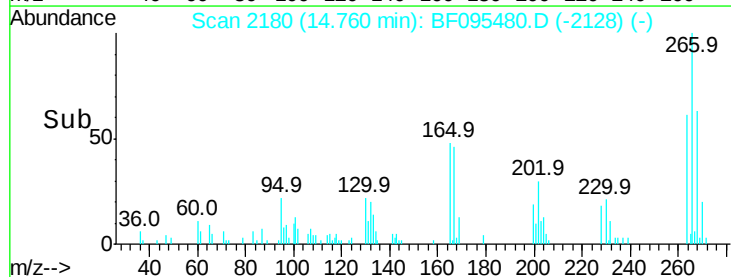
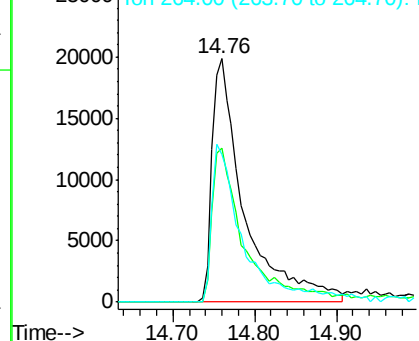


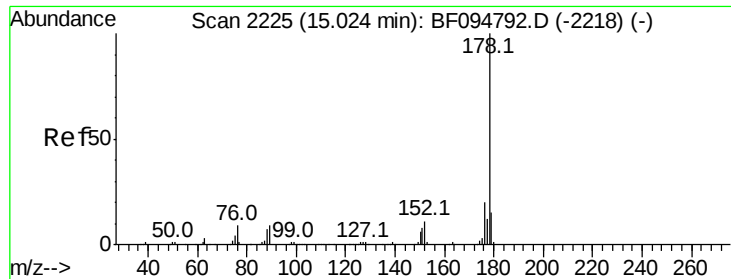
#69
Pentachlorophenol
Concen: 49.26 ng
RT: 14.76 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.1	51.1	76.7
264	60.6	51.7	77.5



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





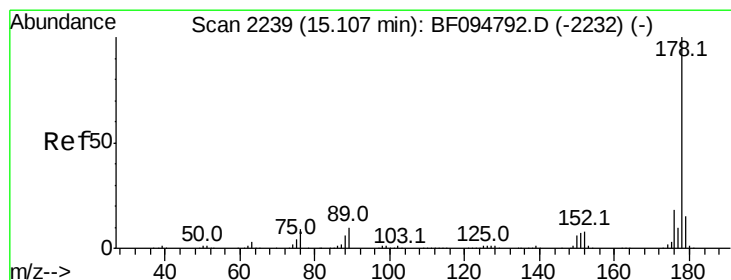
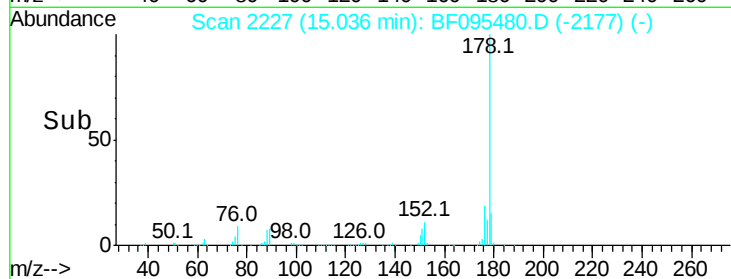
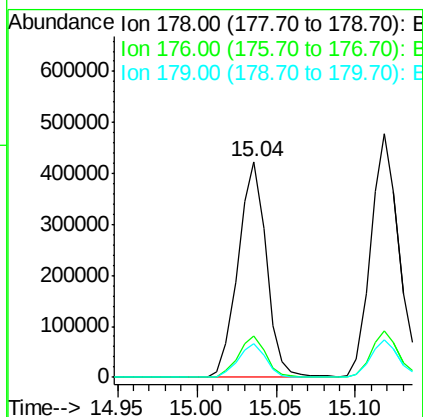
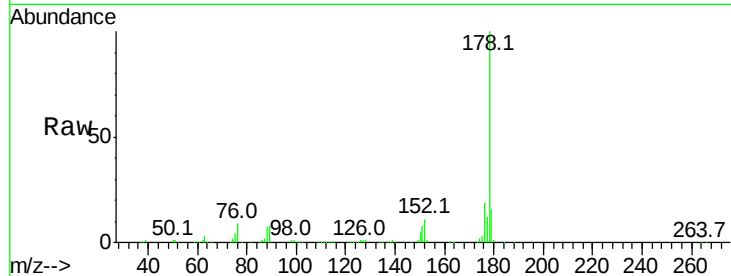
#70
Phenanthrene
Concen: 38.18 ng
RT: 15.04 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.6	12.6	19.0

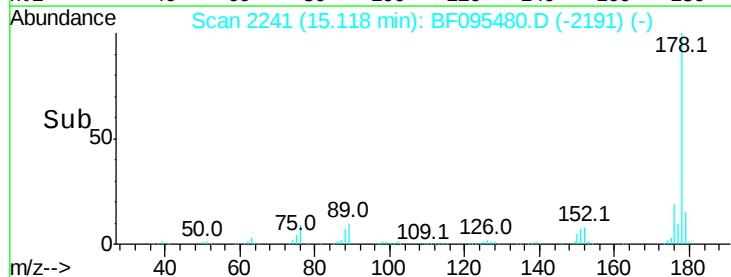
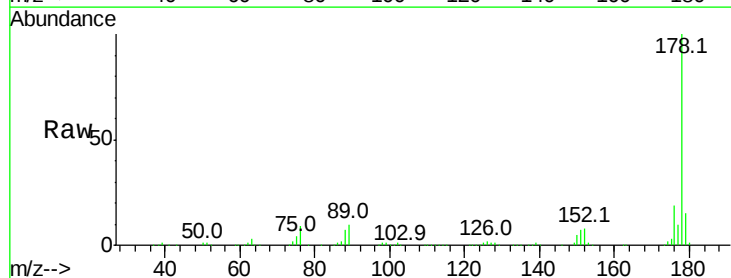
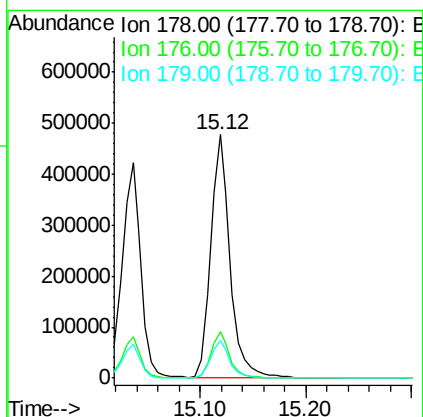
Manual Integrations
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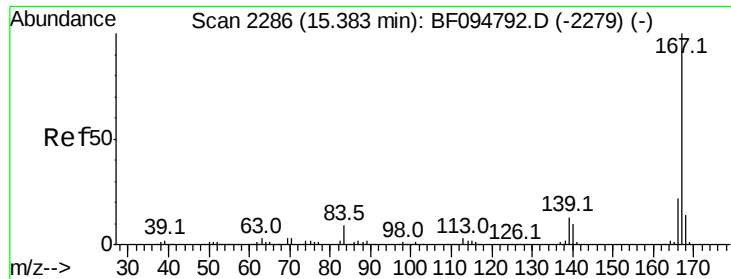
mohammad
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#71
Anthracene
Concen: 43.83 ng
RT: 15.12 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.3	12.7	19.1





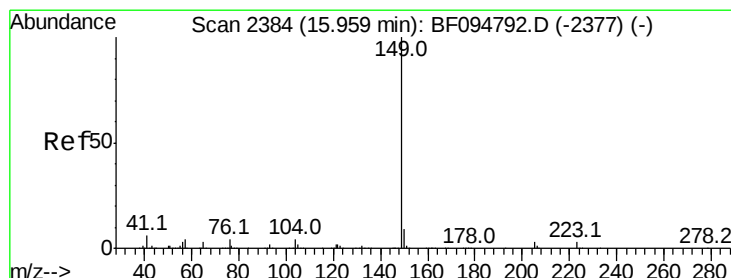
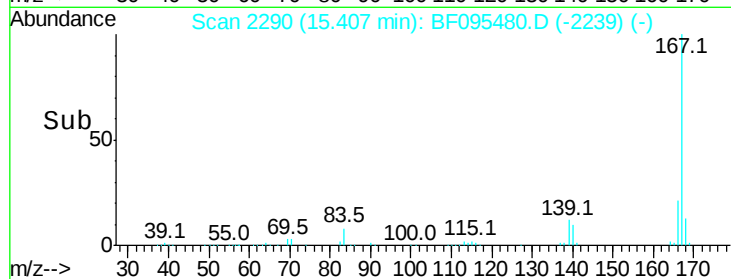
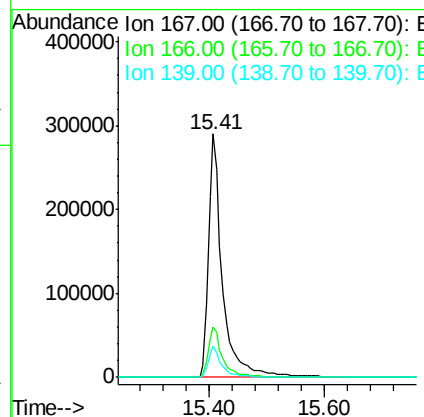
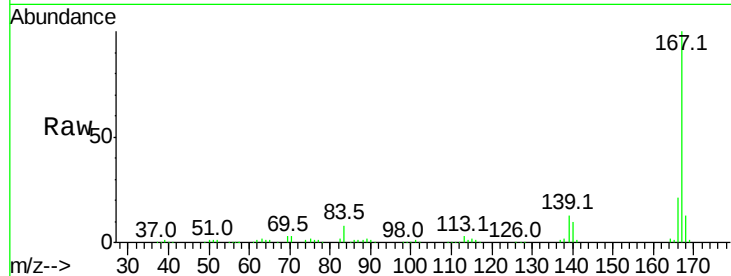
#72
 Carbazole
 Concen: 38.91 ng
 RT: 15.41 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	496851		
166	20.8	18.1	27.1	
139	13.0	11.7	17.5	

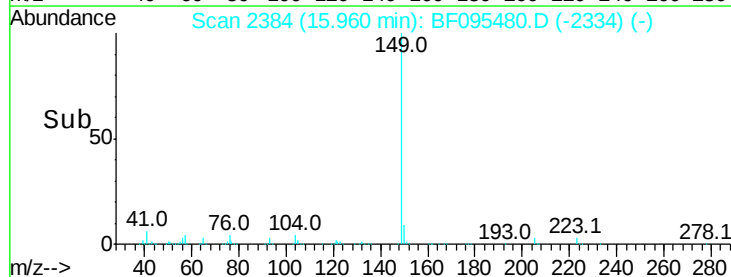
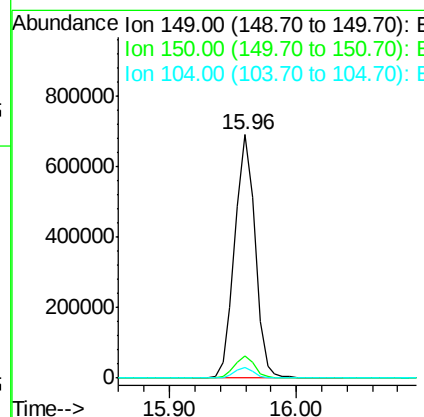
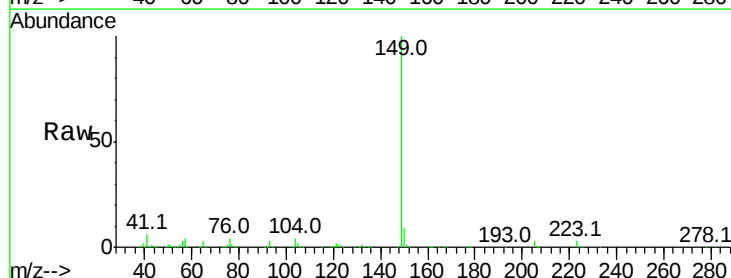
Manual Integrations
 APPROVED

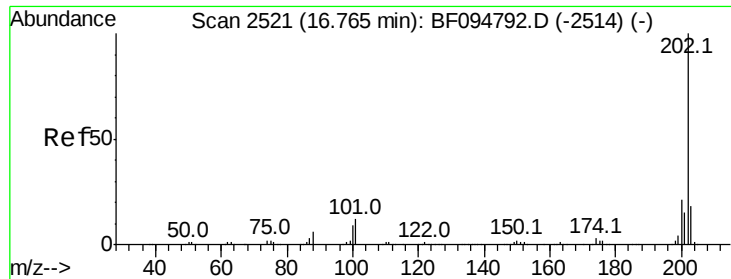
mohammad
 5/30/2017 1:37:06 PM



#73
 Di-n-butylphthalate
 Concen: 47.97 ng
 RT: 15.96 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	763899		
150	8.9	7.7	11.5	
104	4.4	4.0	6.0	





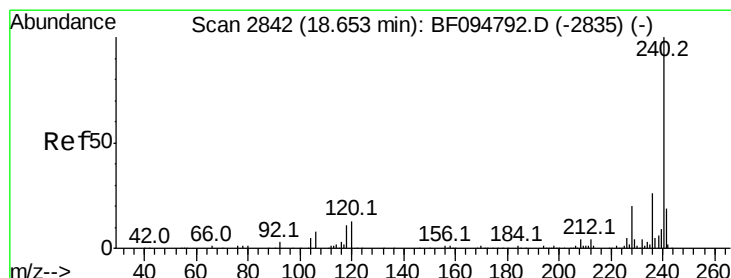
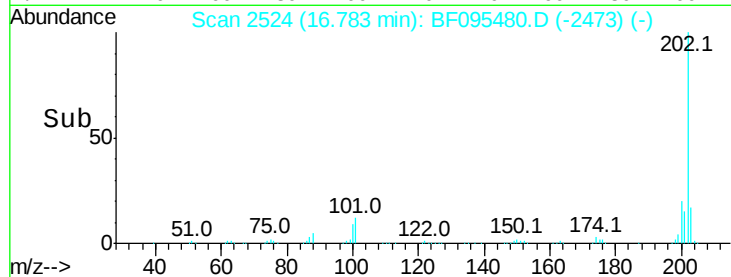
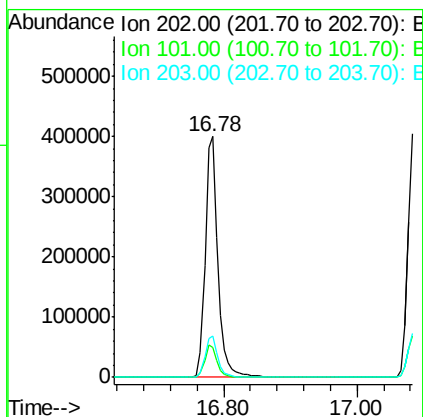
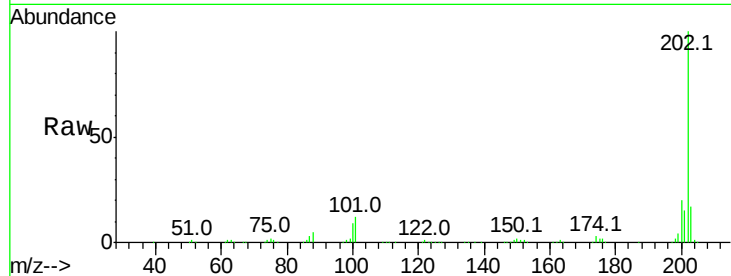
#74
 Fluoranthene
 Concen: 37.01 ng
 RT: 16.78 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB99316BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	0.0	33.2
203	17.3	0.0	38.1

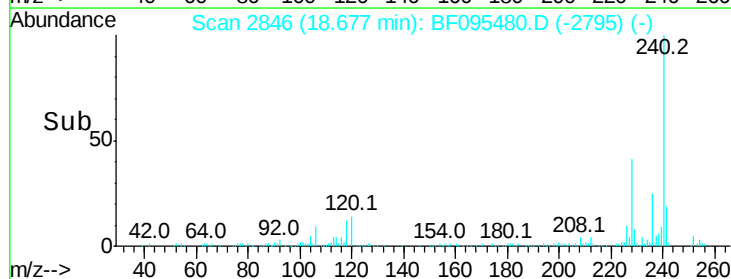
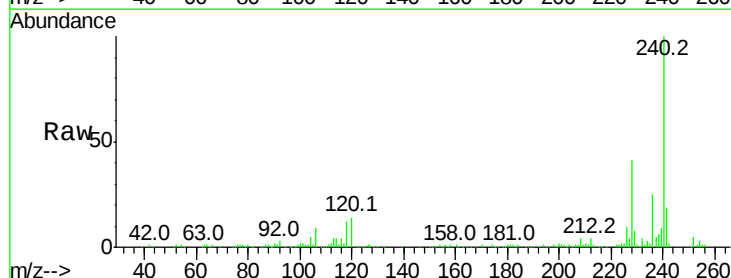
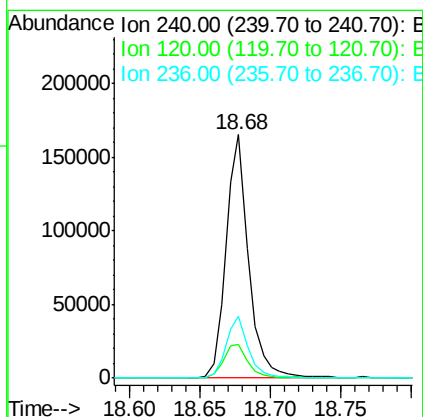
Manual Integrations
 APPROVED

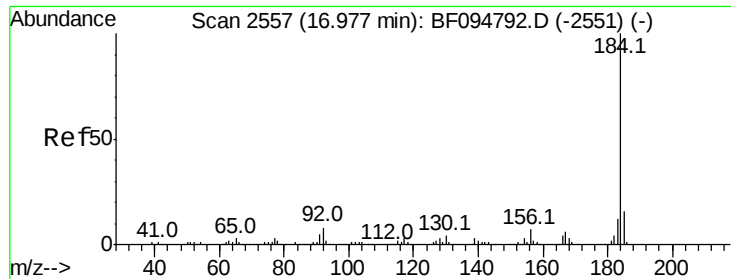
mohammad
 5/30/2017 1:37:06 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. 0.00 min
 Lab File: BF095480.D
 Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.7	5.8	8.8#
236	25.2	20.5	30.7





#76

Benzidine

Concen: 43.11 ng

RT: 17.01 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Instrument :

BNA_F

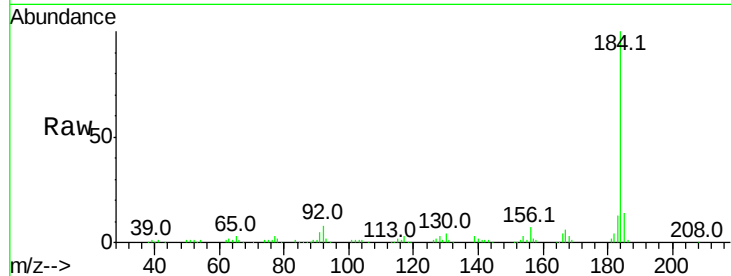
ClientSampled :

PB99316BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.5	15.5	23.3#	
183	12.5	9.8	14.6	

Manual Integrations
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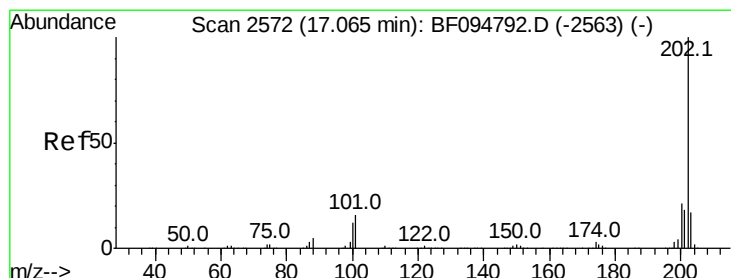
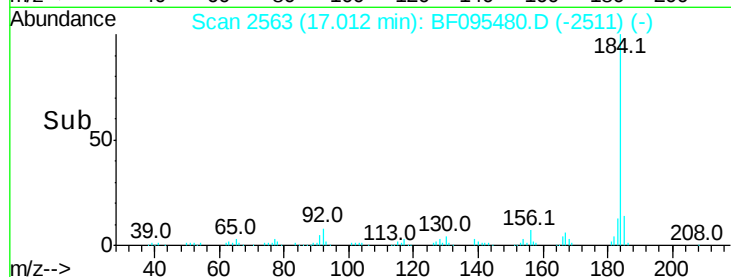
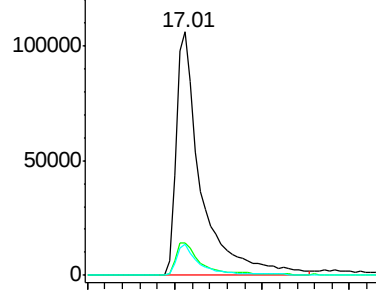
mohammad
5/30/2017 1:37:06 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 42.00 ng

RT: 17.08 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF095480.D

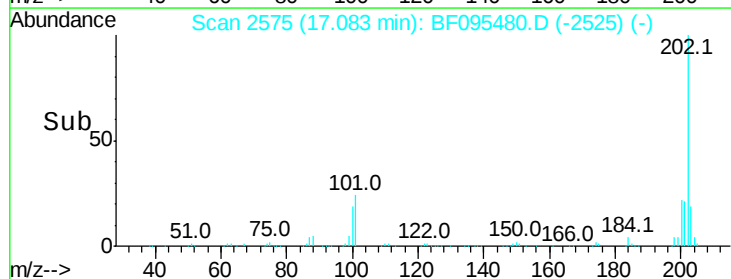
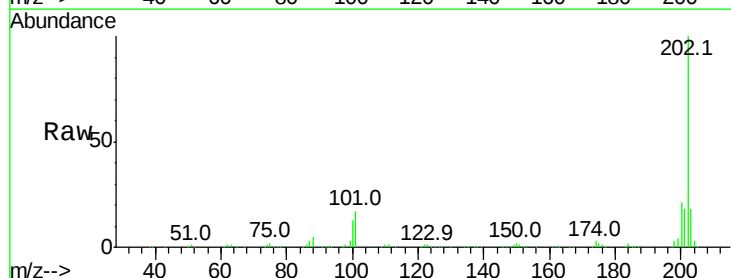
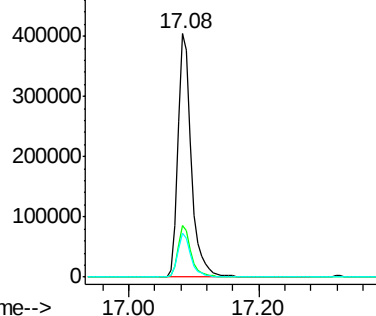
Acq: 27 May 2017 2:49

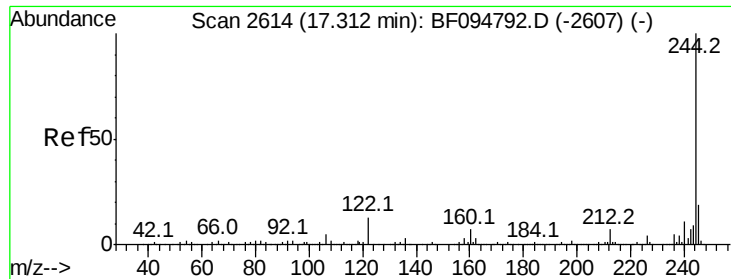
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.2	17.6	26.4	
203	17.9	14.4	21.6	

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.45 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Instrument :

BNA_F

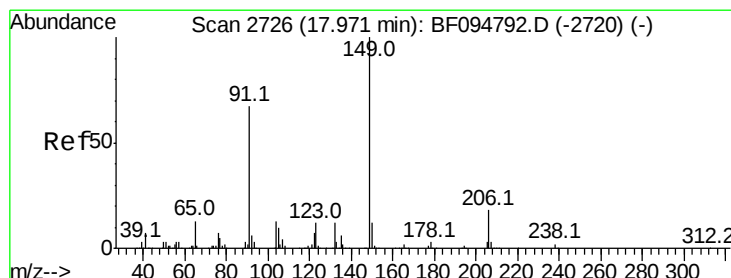
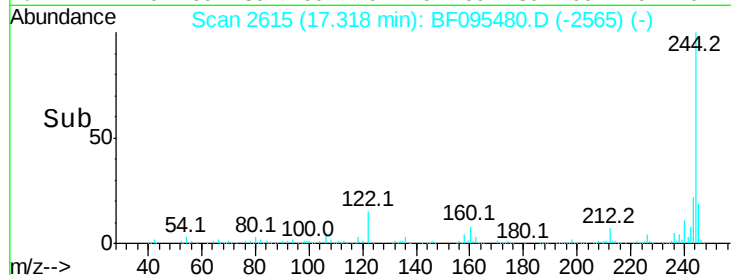
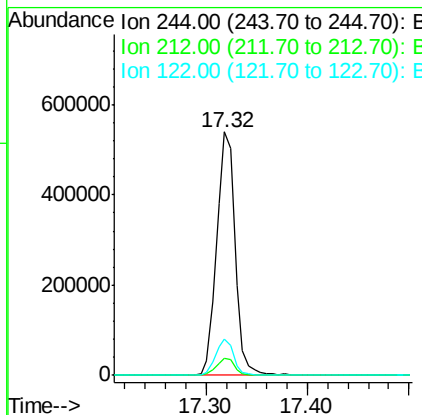
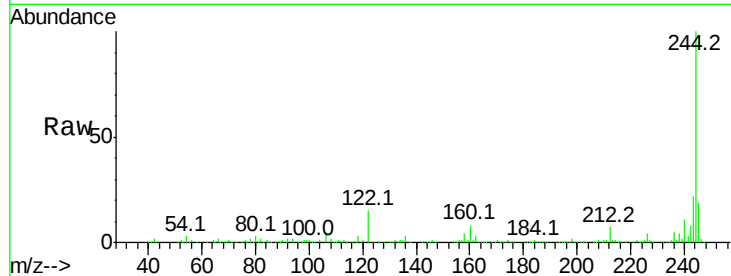
ClientSampleId :

PB99316BSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	6.0	9.0	
122	14.7	10.3	15.5	

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#79

Butylbenzylphthalate

Concen: 43.39 ng

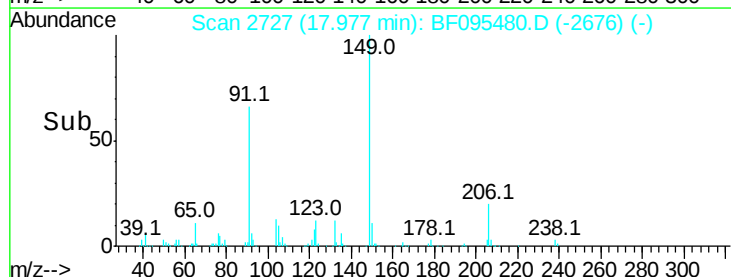
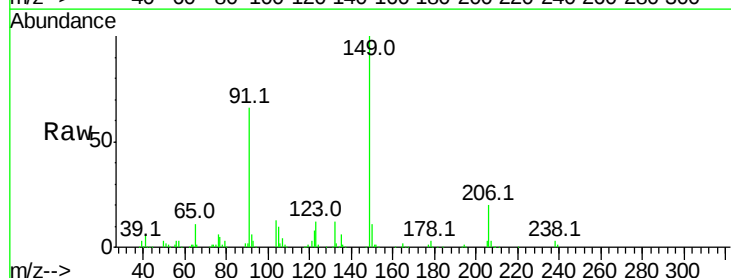
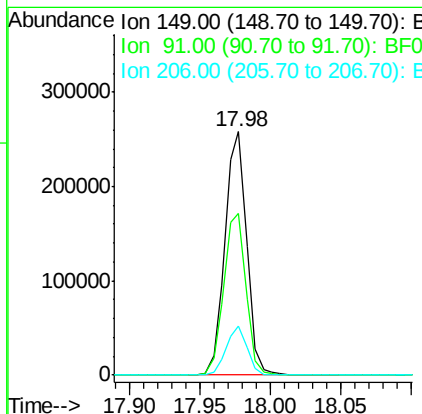
RT: 17.98 min Scan# 2727

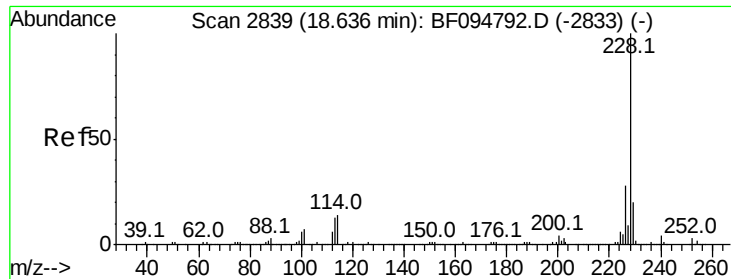
Delta R.T. 0.00 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	66.4	45.0	67.4	
206	20.2	17.0	25.6	





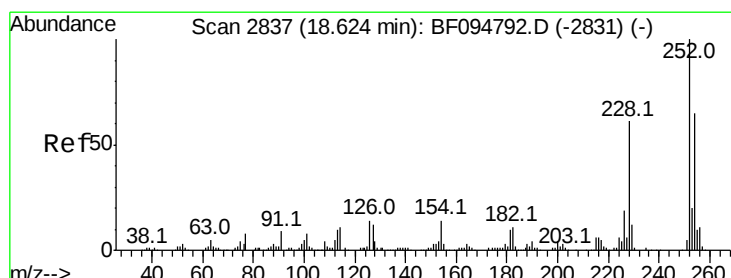
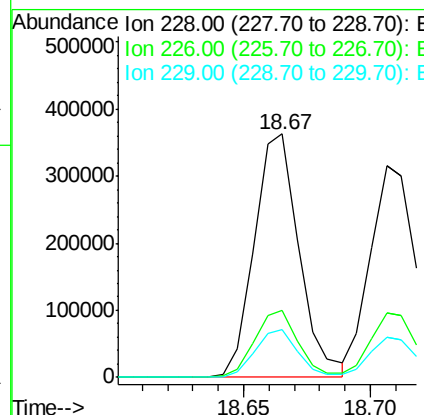
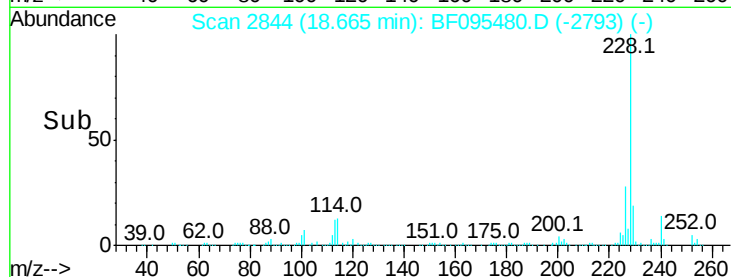
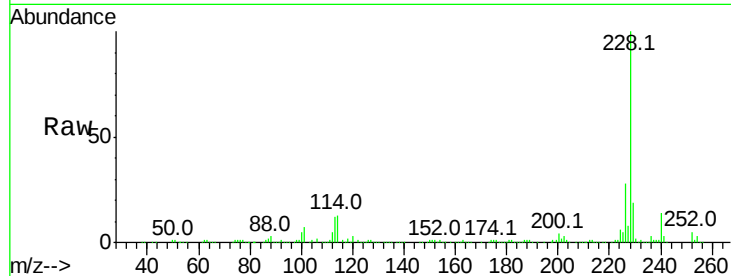
#80
Benzo(a)anthracene
Concen: 41.88 ng
RT: 18.67 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.5	16.3	24.5

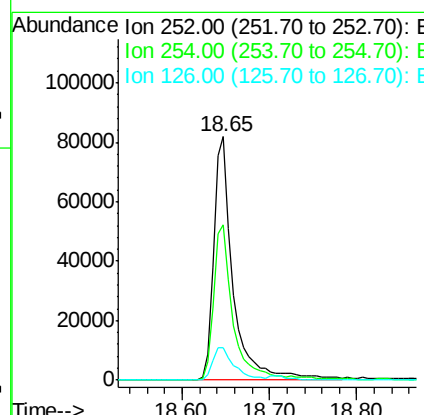
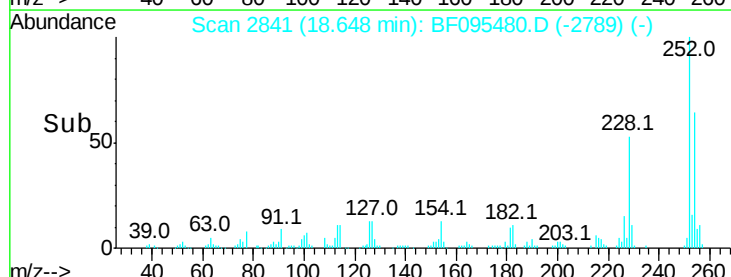
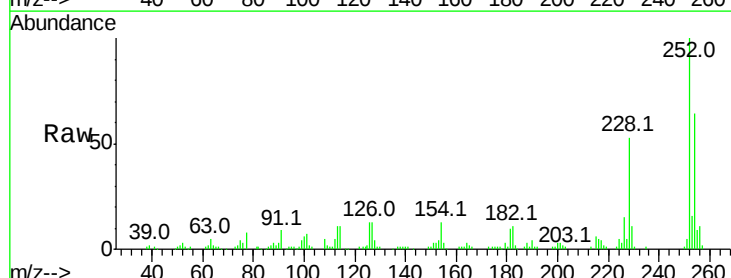
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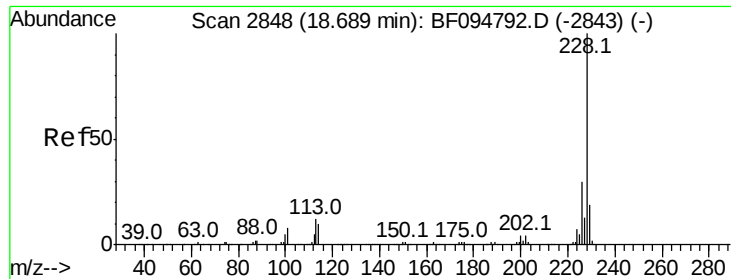
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 34.40 ng
RT: 18.65 min Scan# 2841
Delta R.T. 0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	13.4	15.8	23.8





#82

Chrysene

Concen: 41.66 ng

RT: 18.71 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Instrument :

BNA_F

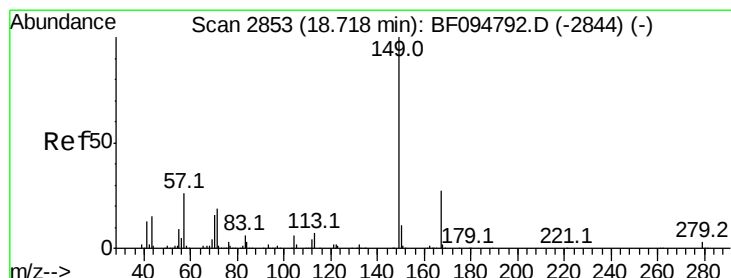
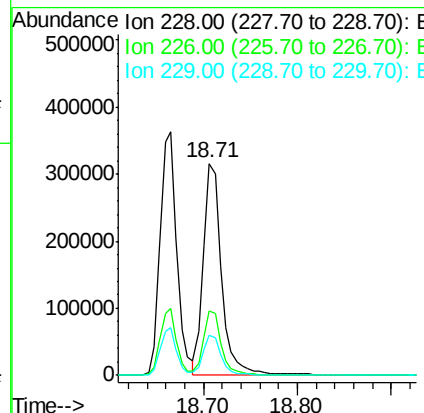
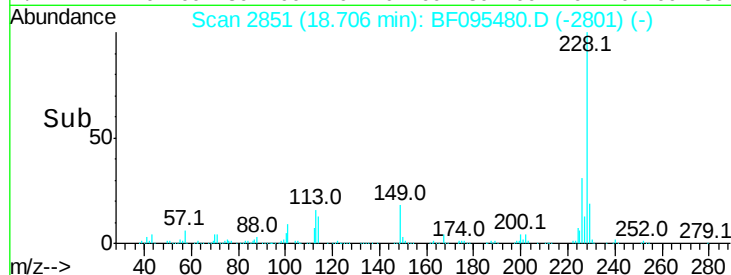
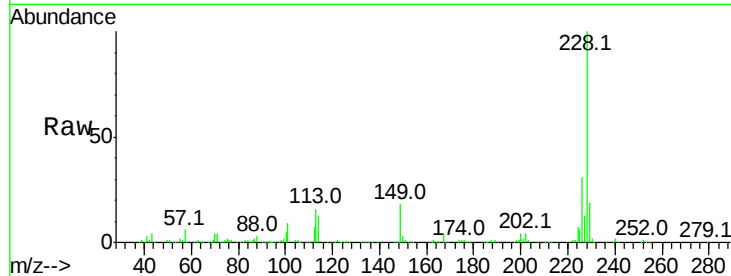
ClientSampleId :

PB99316BSD

Tot Ion:	228	Resp:	429028
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.9	37.3
229	19.2	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 41.86 ng

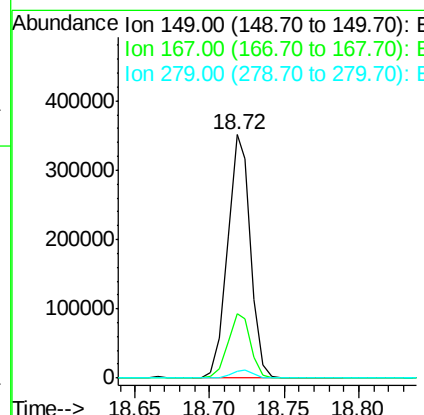
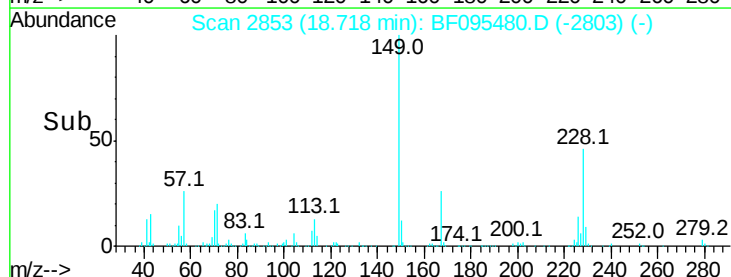
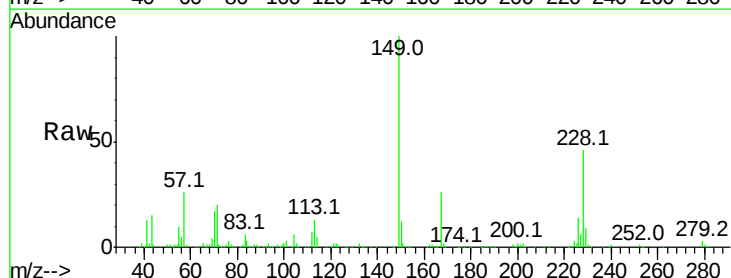
RT: 18.72 min Scan# 2853

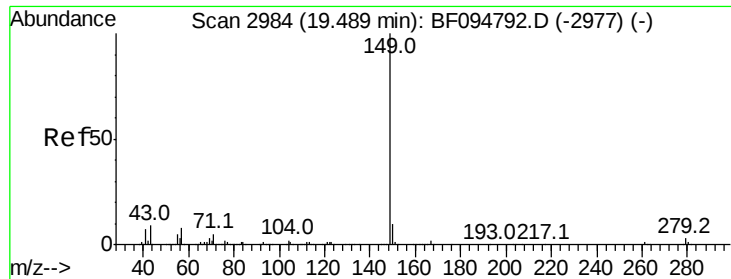
Delta R.T. -0.01 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Tgt Ion:	149	Resp:	379665
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.0	31.4
279	2.8	1.9	2.9





#84

Di-n-octyl phthalate

Concen: 45.69 ng

RT: 19.49 min Scan# 2984

Delta R.T. 0.00 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Instrument :

BNA_F

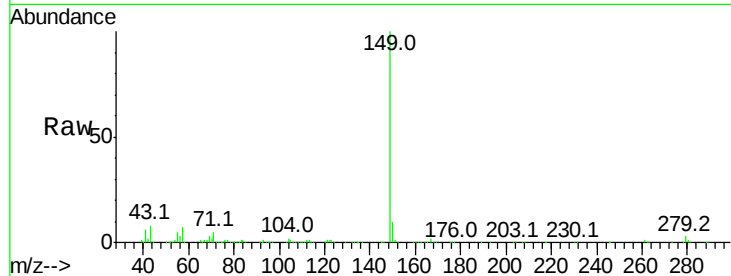
ClientSampleId :

PB99316BSD

Tot Ion:	149	Resp:	679431
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.7	8.5	12.7

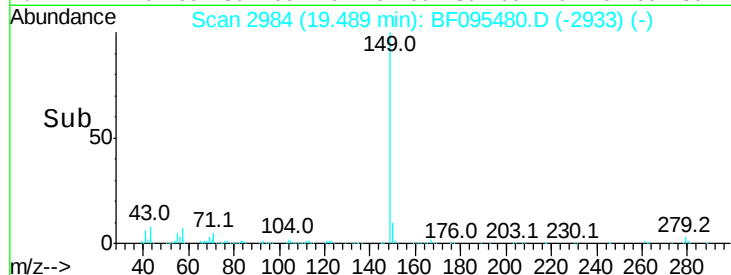
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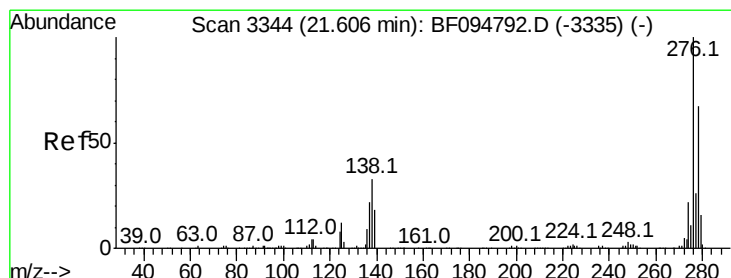


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

19.49



Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.66 ng

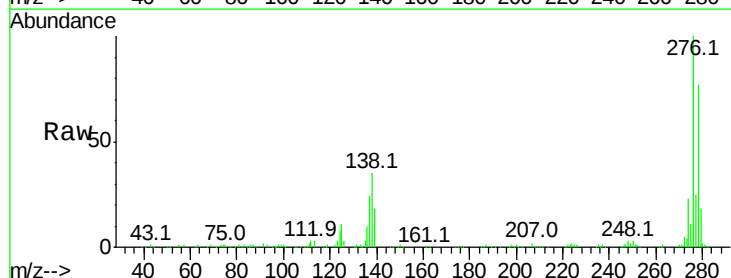
RT: 21.68 min Scan# 3357

Delta R.T. 0.00 min

Lab File: BF095480.D

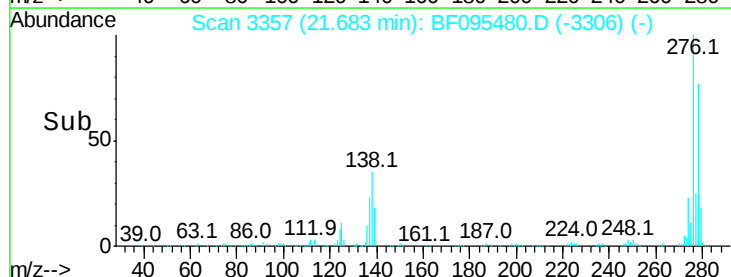
Acq: 27 May 2017 2:49

Tgt Ion:	276	Resp:	306517
Ion Ratio	Lower	Upper	
276	100		
138	35.2	27.8	41.6
277	25.8	20.2	30.4

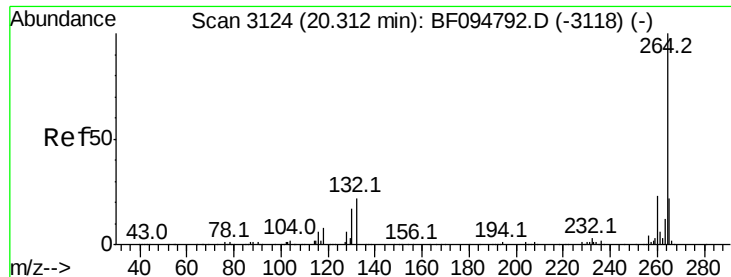


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

21.68



Time-->



#86

Pervlene-d12

Concen: 20.00 ng

RT: 20.36 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BF095480.D

Acq: 27 May 2017 2:49

Instrument :

BNA_F

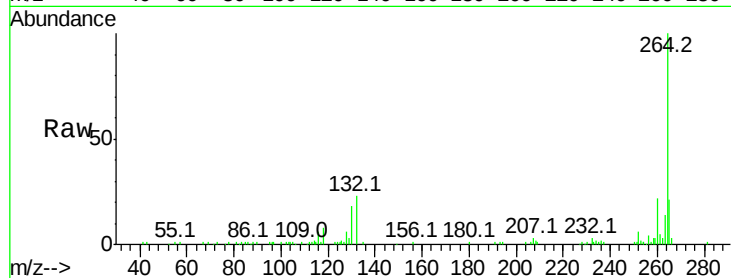
ClientSampleId :

PB99316BSD

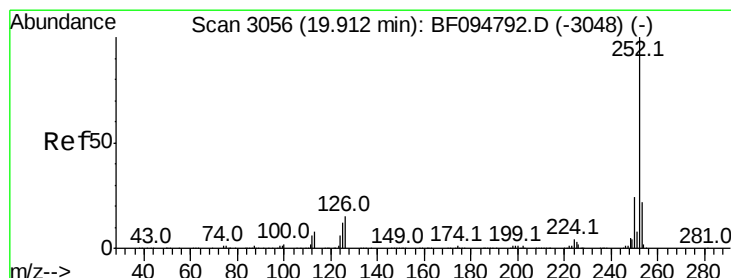
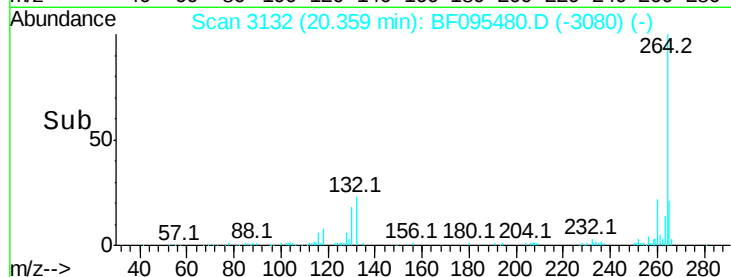
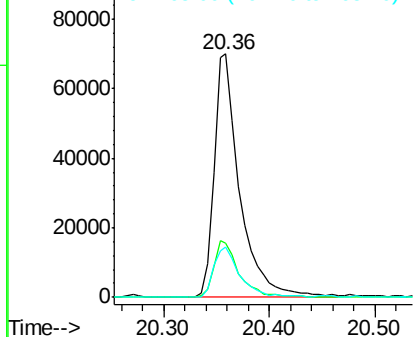
Tot Ion:	264	Resp:	118759
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.5	29.3
265	20.8	17.2	25.8

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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: 39.91 ng

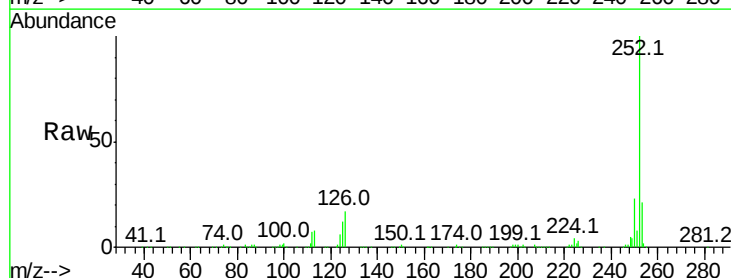
RT: 19.94 min Scan# 3061

Delta R.T. 0.00 min

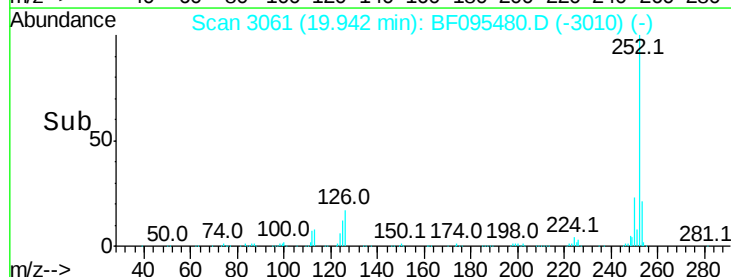
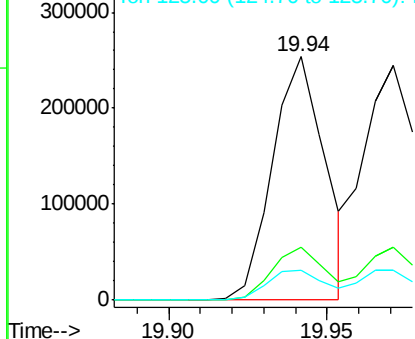
Lab File: BF095480.D

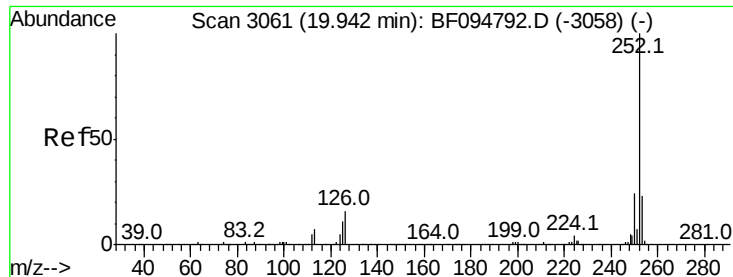
Acq: 27 May 2017 2:49

Tgt Ion:	252	Resp:	292885
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.1	27.1
125	12.4	9.8	14.8



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





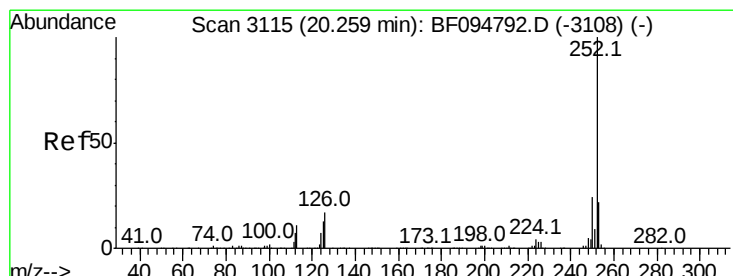
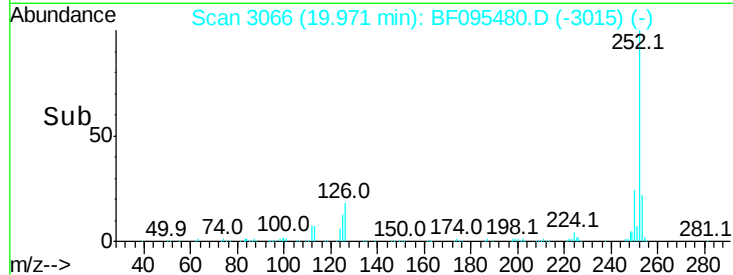
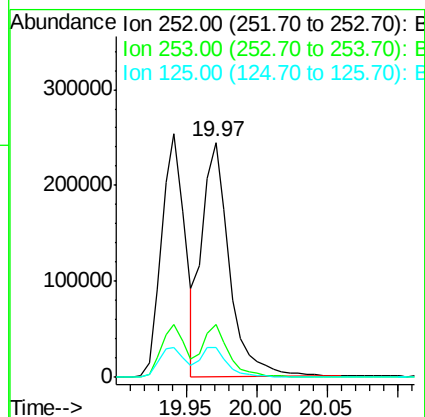
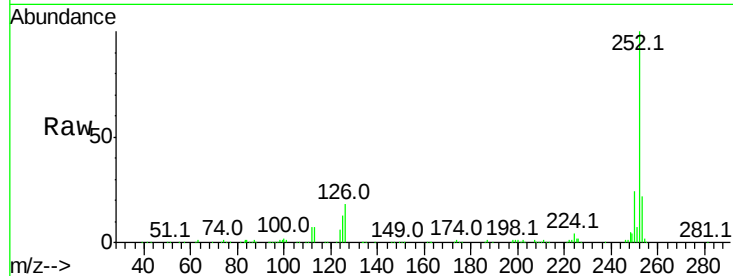
#88
Benzo(k)fluoranthene
Concen: 46.33 ng
RT: 19.97 min Scan# 3066
Delta R.T. 0.00 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.3	18.4	27.6
125	12.7	13.1	19.7#

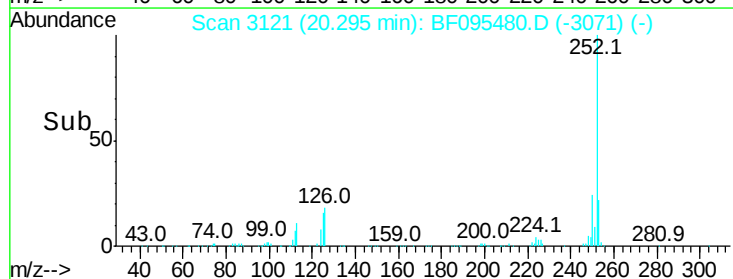
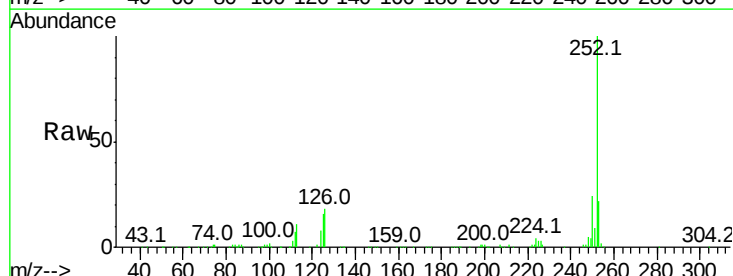
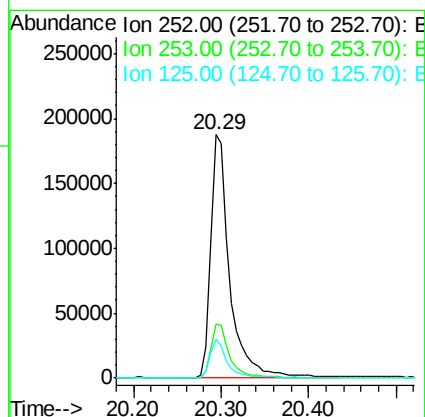
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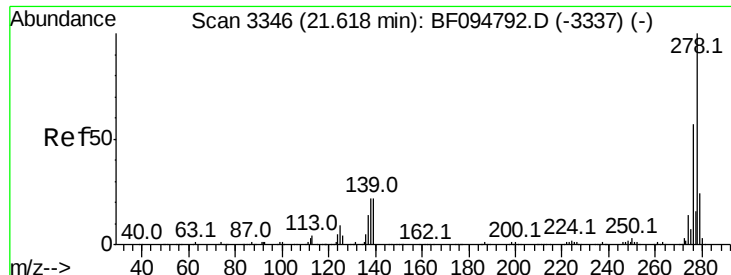
mohammad
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#89
Benzo(a)pyrene
Concen: 41.62 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	17.5	26.3
125	15.7	11.0	16.4





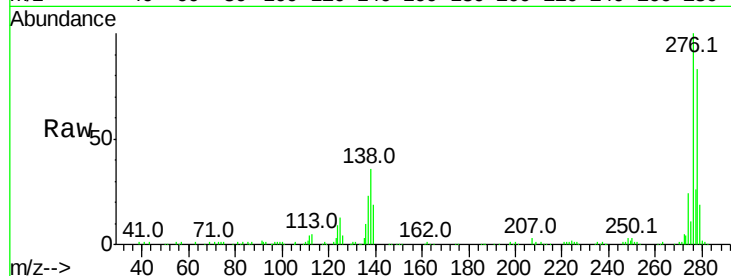
#90
Dibenzo(a,h)anthracene
Concen: 45.19 ng
RT: 21.68 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB99316BSD

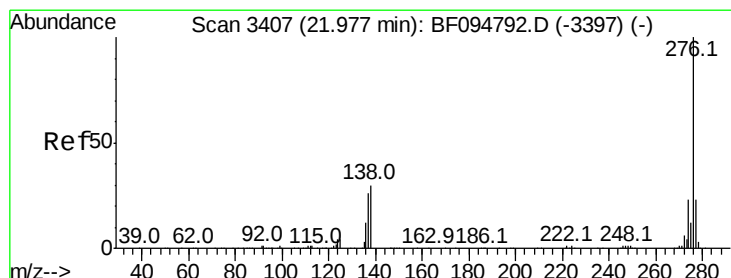
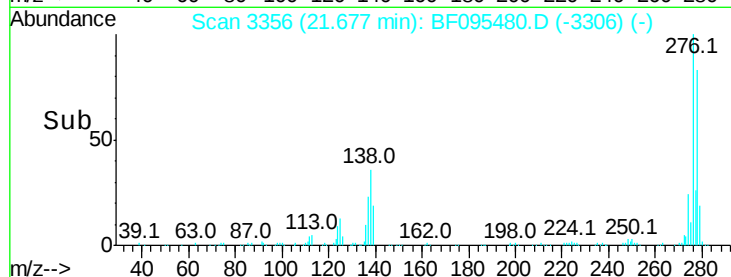
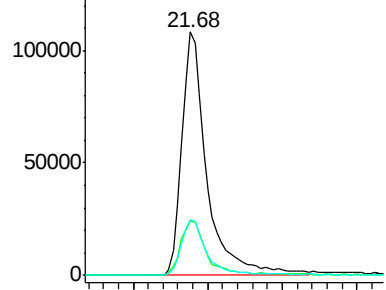
Tot Ion	Ratio	Lower	Upper
278	100		
139	22.5	16.6	24.8
279	22.8	19.3	28.9

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 46.00 ng
RT: 22.08 min Scan# 3424
Delta R.T. 0.01 min
Lab File: BF095480.D
Acq: 27 May 2017 2:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	30.0	25.4	38.0

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

