

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
 Data File : BF095372.D
 Acq On : 24 May 2017 4:50
 Operator : SJ/MA
 Sample : I3269-04MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Manual Integrations
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 5/24/2017 4:43:28 PM

Quant Time: May 24 07:30:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	99113	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	436846	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	208449	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	332944	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	180791	20.00	ng	-0.01
86) Perylene-d12	20.36	264	181879	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	589332	99.13	ng	0.00
7) Phenol-d6	7.30	99	678345	95.10	ng	-0.01
23) Nitrobenzene-d5	8.66	82	387932	56.00	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	141053	82.63	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	858006	59.25	ng	-0.02
78) Terphenyl-d14	17.32	244	563405	68.64	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.26	88	70861	24.30	ng	97
3) Pyridine	2.99	79	154260	22.83	ng	94
4) n-Nitrosodimethylamine	2.90	42	59625	21.17	ng	82
6) Aniline	7.27	93	258442	28.70	ng	94
8) 2-Chlorophenol	7.45	128	220086	32.53	ng	96
9) Benzaldehyde	7.11	77	44281	10.17	ng	97
10) Phenol	7.32	94	274356	36.50	ng	92
11) bis(2-Chloroethyl)ether	7.39	93	185009	29.82	ng	95
12) 1,3-Dichlorobenzene	7.66	146	234225	30.52	ng	97
13) 1,4-Dichlorobenzene	7.78	146	228431	29.35	ng	98
14) 1,2-Dichlorobenzene	8.01	146	227563	31.32	ng	96
15) Benzyl Alcohol	8.05	79	167173	36.44	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.24	45	259527	29.55	ng	90
17) 2-Methylphenol	8.25	107	177589	32.07	ng	92
18) Hexachloroethane	8.52	117	79886	30.30	ng	# 82
19) n-Nitroso-di-n-propylamine	8.46	70	152430	31.60	ng	92
20) 3+4-Methylphenols	8.52	107	225079	29.91	ng	# 58
22) Acetophenone	8.43	105	302587	28.87	ng	# 83
24) Nitrobenzene	8.69	77	210498	28.99	ng	91
25) Isophorone	9.09	82	351226	28.39	ng	# 94
26) 2-Nitrophenol	9.20	139	106116	27.08	ng	97
27) 2,4-Dimethylphenol	9.33	122	180818	28.54	ng	98
28) bis(2-Chloroethoxy)methane	9.45	93	251074	29.34	ng	99
29) 2,4-Dichlorophenol	9.64	162	159851	26.72	ng	97
30) 1,2,4-Trichlorobenzene	9.70	180	186649	29.13	ng	99
31) Naphthalene	9.81	128	621953	28.33	ng	100
32) Benzoic acid	9.61	122	27876	11.07	ng	88
33) 4-Chloroaniline	9.98	127	89247	10.91	ng	# 91
34) Hexachlorobutadiene	10.02	225	93198	27.56	ng	99
35) Caprolactam	10.57	113	49429m	27.52	ng	
36) 4-Chloro-3-methylphenol	10.81	107	194739	30.45	ng	91
37) 2-Methylnaphthalene	10.93	142	463218	32.15	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	178453	27.84	ng	98
40) Hexachlorocyclopentadiene	11.18	237	57840	25.89	ng	97

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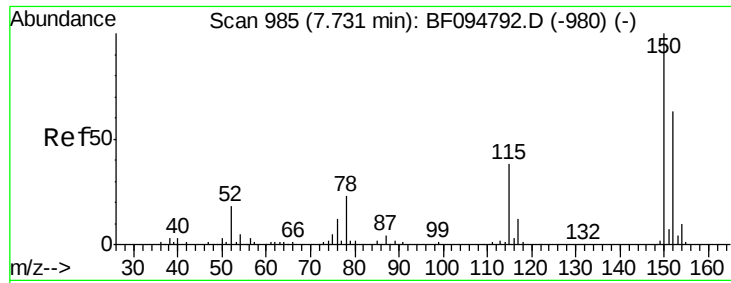
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	124950	29.19	ng	99
43) 2,4,5-Trichlorophenol	11.55	196	117437	25.53	ng	95
45) 1,1'-Biphenyl	11.69	154	526723	30.01	ng	98
46) 2-Chloronaphthalene	11.71	162	406987	28.72	ng	94
47) 2-Nitroaniline	11.94	65	107511	27.72	ng	# 75
48) Acenaphthylene	12.37	152	639821	28.83	ng	98
49) Dimethylphthalate	12.25	163	557491	32.58	ng	98
50) 2,6-Dinitrotoluene	12.34	165	101295	29.01	ng	96
51) Acenaphthene	12.65	154	382224	28.83	ng	100
52) 3-Nitroaniline	12.63	138	67235	17.94	ng	87
53) 2,4-Dinitrophenol	12.85	184	47106	28.83	ng	# 67
54) Dibenzofuran	12.94	168	583769	31.82	ng	98
55) 4-Nitrophenol	13.04	139	89230	39.65	ng	# 72
56) 2,4-Dinitrotoluene	13.02	165	137510	30.65	ng	# 92
57) Fluorene	13.50	166	445400	27.92	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	89101	30.78	ng	# 94
59) Diethylphthalate	13.39	149	446086	27.20	ng	99
60) 4-Chlorophenyl-phenylether	13.52	204	197773	28.21	ng	91
61) 4-Nitroaniline	13.63	138	67880	19.73	ng	96
62) Azobenzene	13.78	77	381147	28.92	ng	93
64) 4,6-Dinitro-2-methylphenol	13.69	198	42715	19.14	ng	# 71
65) n-Nitrosodiphenylamine	13.72	169	381139	31.54	ng	98
66) 4-Bromophenyl-phenylether	14.31	248	108750	30.92	ng	100
67) Hexachlorobenzene	14.39	284	102030	28.30	ng	# 89
68) Atrazine	14.65	200	110033	32.25	ng	97
69) Pentachlorophenol	14.76	266	59642	39.77	ng	95
70) Phenanthrene	15.05	178	573321	29.97	ng	97
71) Anthracene	15.13	178	588220	30.10	ng	98
72) Carbazole	15.42	167	501936	28.23	ng	96
73) Di-n-butylphthalate	15.97	149	694184	31.31	ng	# 97
74) Fluoranthene	16.79	202	503636	25.67	ng	99
76) Benzidine	17.02	184	221165	45.61	ng	# 93
77) Pyrene	17.09	202	479346	35.45	ng	100
79) Butylbenzylphthalate	17.98	149	235433	37.43	ng	# 87
80) Benzo(a)anthracene	18.67	228	296549	28.18	ng	97
81) 3,3'-Dichlorobenzidine	18.65	252	91474	25.17	ng	# 97
82) Chrysene	18.72	228	298771	29.37	ng	98
83) Bis(2-ethylhexyl)phthalate	18.73	149	289003	32.25	ng	# 99
84) Di-n-octyl phthalate	19.49	149	432881	29.47	ng	# 95
85) Indeno(1,2,3-cd)pyrene	21.69	276	316839	38.35	ng	100
87) Benzo(b)fluoranthene	19.95	252	265858	23.66	ng	98
88) Benzo(k)fluoranthene	19.98	252	353291	32.59	ng	# 96
89) Benzo(a)pyrene	20.30	252	303375	29.25	ng	98
90) Dibenzo(a,h)anthracene	21.69	278	259629	30.31	ng	98
91) Benzo(g,h,i)perylene	22.08	276	256741	30.55	ng	98

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



#1

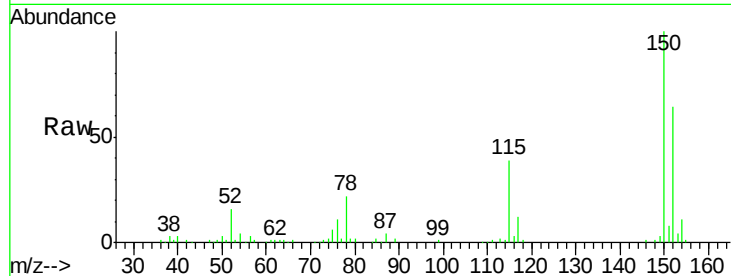
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

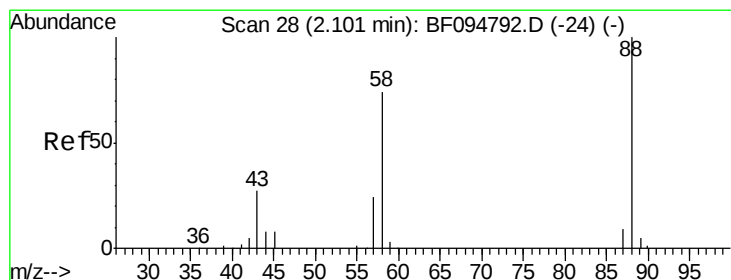
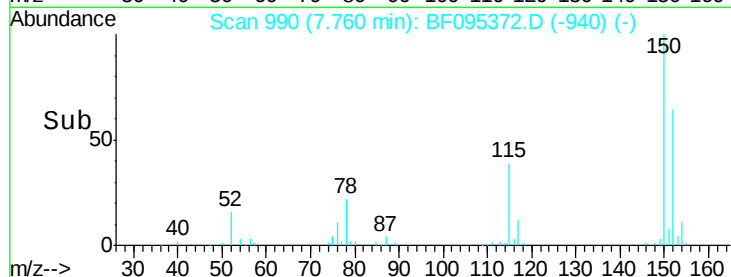
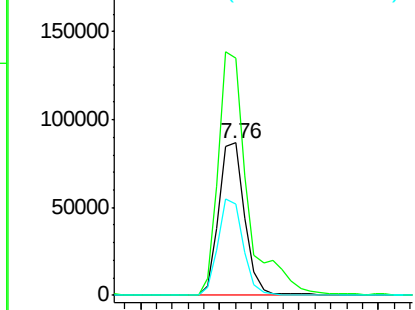
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.2
115	60.1	52.2	78.2

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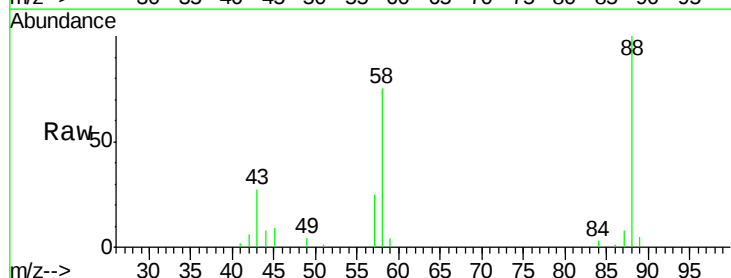
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



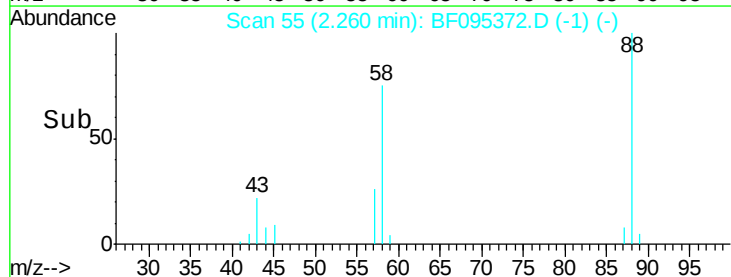
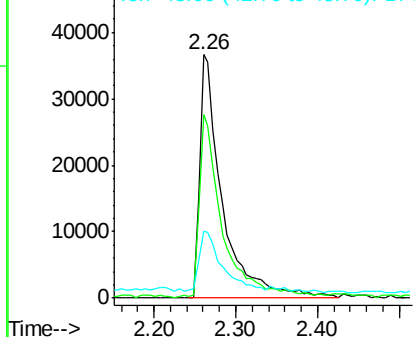
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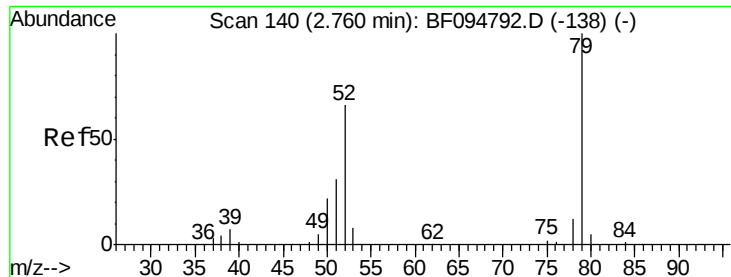
1,4-Dioxane
Concen: 24.30 ng
RT: 2.26 min Scan# 55
Delta R.T. 0.03 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.5	61.4	92.0
43	24.1	23.4	35.0



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





#3

Pyridine

Concen: 22.83 ng

RT: 2.99 min Scan# 179

Delta R.T. 0.06 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Instrument :

BNA_F

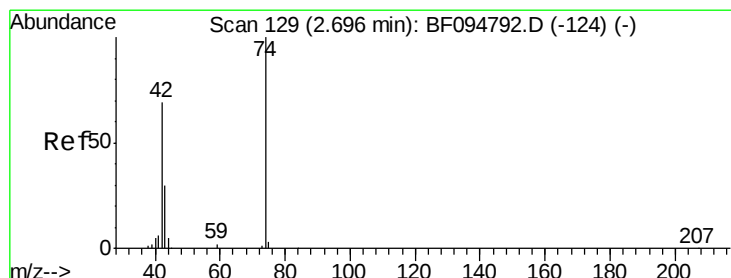
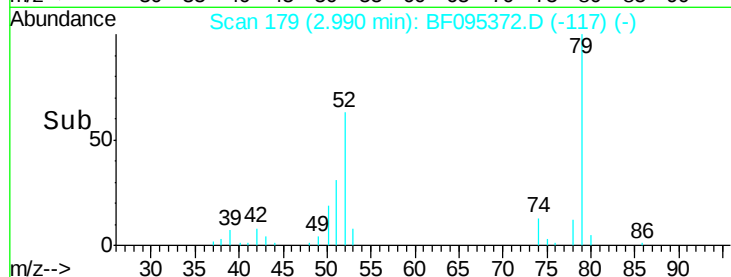
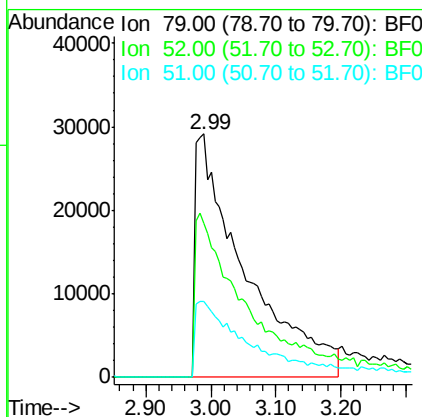
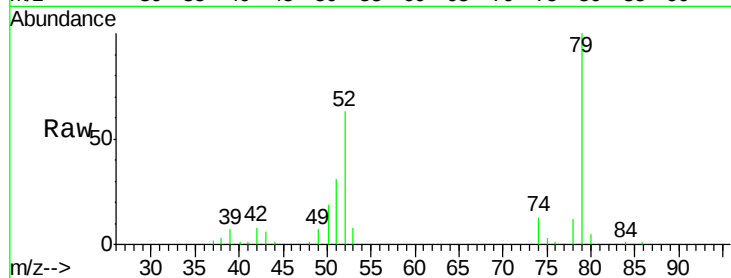
ClientSampleId :

SB-02-COMPMSD

Tgt Ion:	79	Resp:	154260
Ion	Ratio	Lower	Upper
79	100		
52	63.4	54.8	82.2
51	31.0	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 21.17 ng

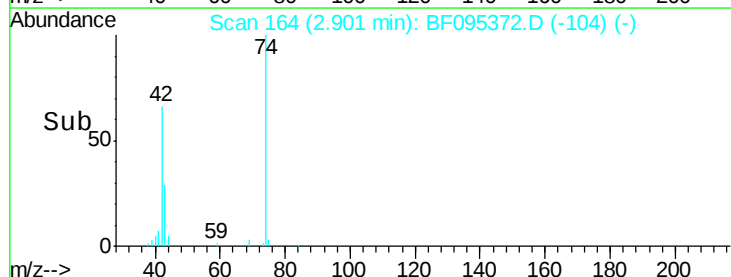
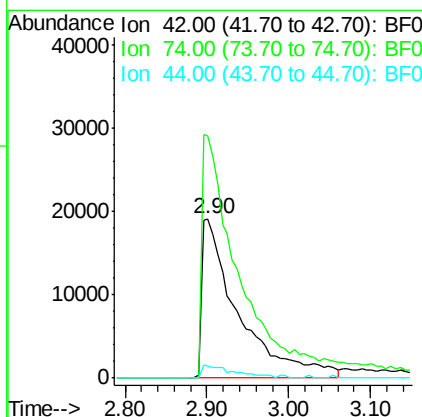
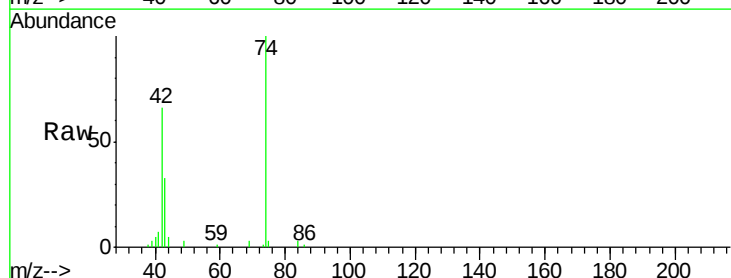
RT: 2.90 min Scan# 164

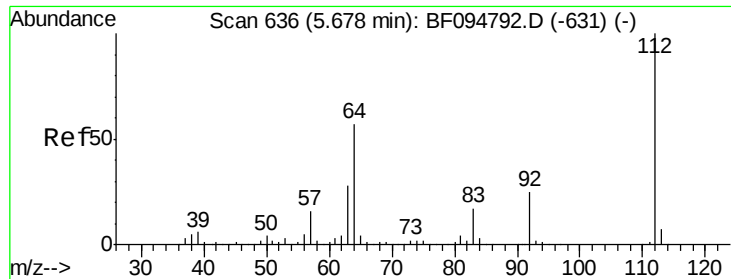
Delta R.T. 0.05 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Tgt Ion:	42	Resp:	59625
Ion	Ratio	Lower	Upper
42	100		
74	152.0	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 99.13 ng

RT: 5.73 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Instrument :

BNA_F

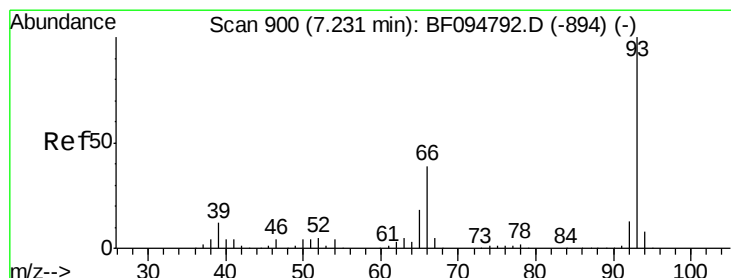
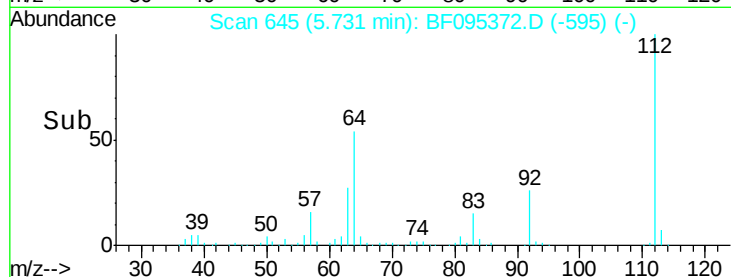
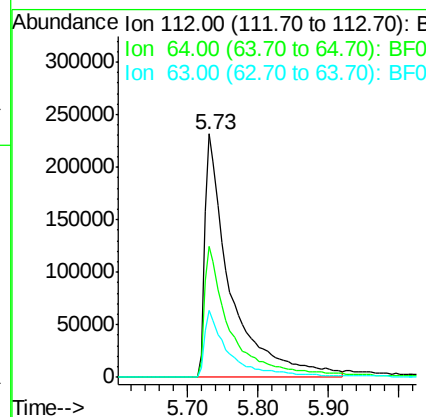
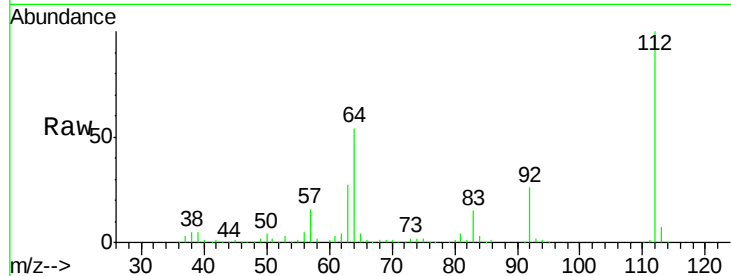
ClientSampleId :

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Tgt Ion:	112	Resp:	589332
Ion Ratio	Lower	Upper	
112	100		
64	54.0	46.0	69.0
63	27.4	23.4	35.0

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#6

Aniline

Concen: 28.70 ng

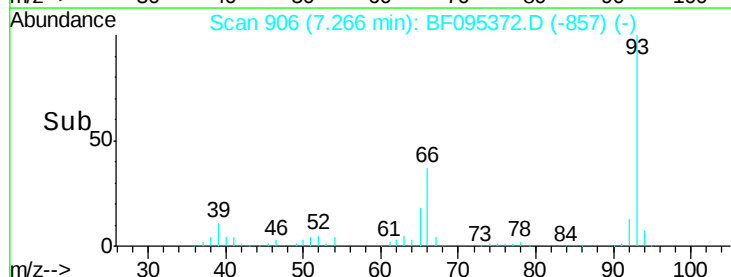
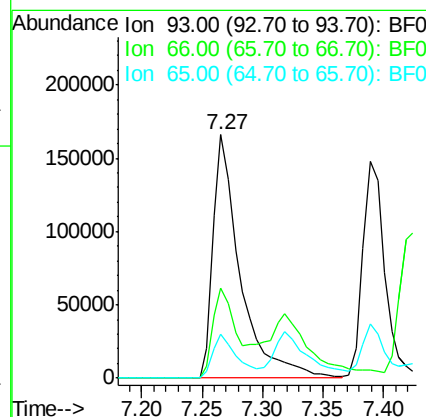
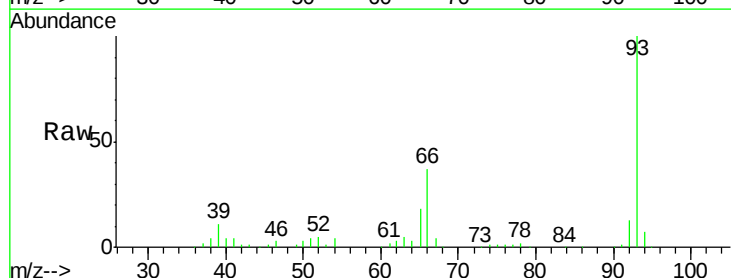
RT: 7.27 min Scan# 906

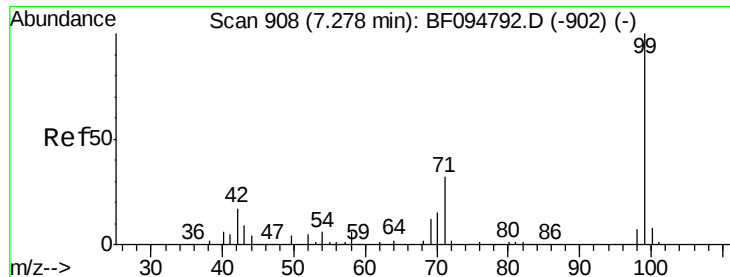
Delta R.T. -0.01 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Tgt Ion:	93	Resp:	258442
Ion Ratio	Lower	Upper	
93	100		
66	37.0	32.9	49.3
65	18.1	16.0	24.0





#7

Phenol-d6

Concen: 95.10 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Instrument :

BNA_F

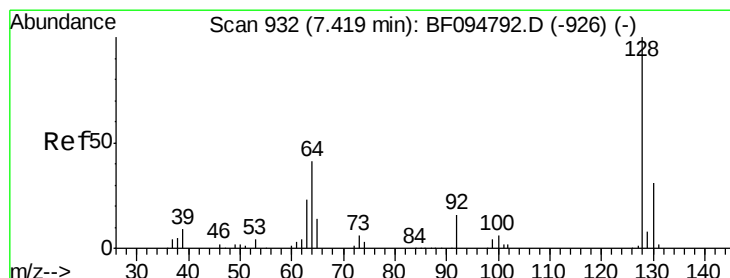
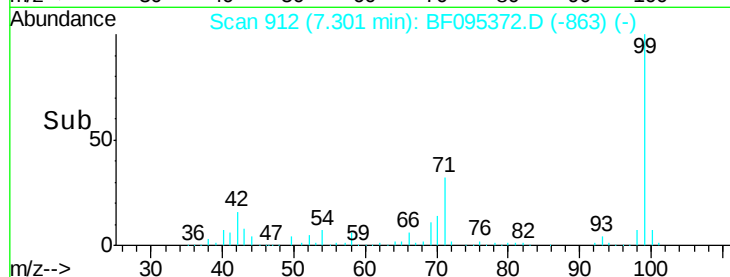
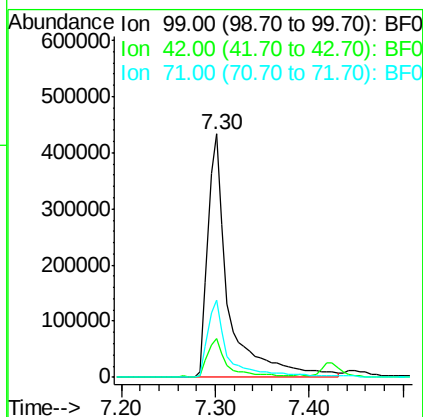
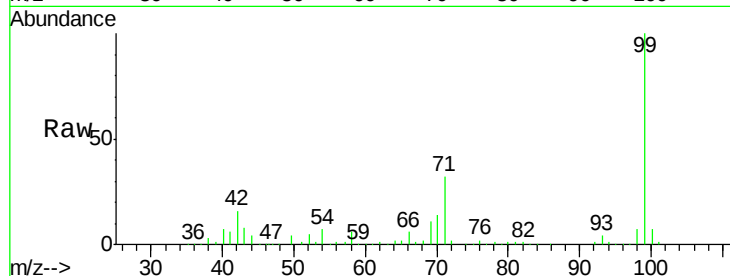
ClientSampleId :

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Tgt Ion:	99	Resp:	678345
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	31.6	24.5	36.7

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#8

2-Chlorophenol

Concen: 32.53 ng

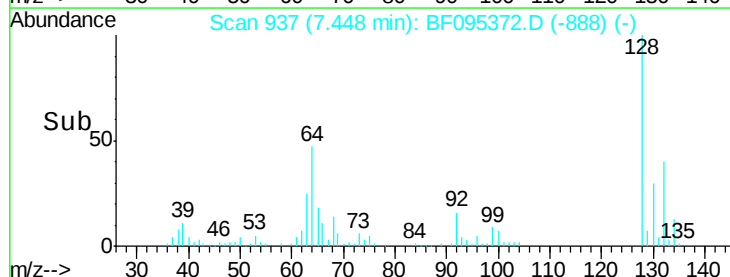
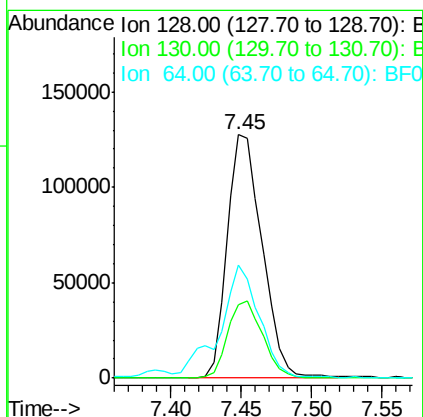
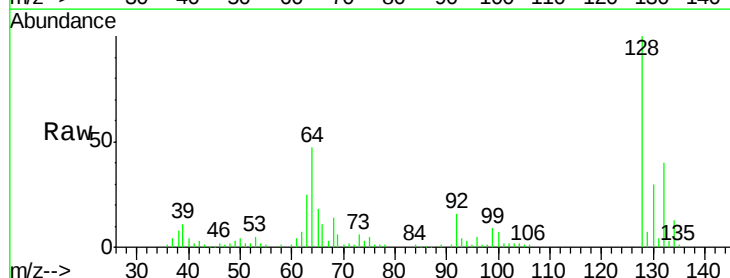
RT: 7.45 min Scan# 937

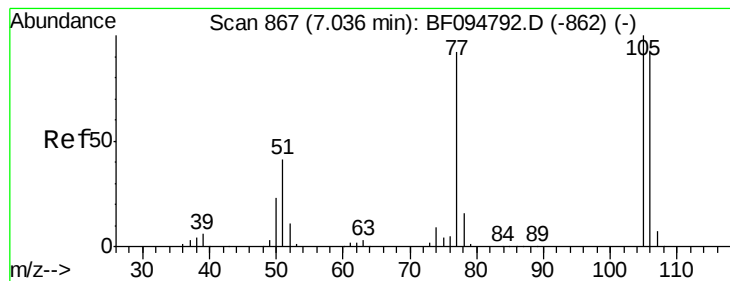
Delta R.T. -0.01 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Tgt Ion:	128	Resp:	220086
Ion	Ratio	Lower	Upper
128	100		
130	30.0	12.9	52.9
64	46.6	28.4	68.4





#9

Benzaldehyde

Concen: 10.17 ng

RT: 7.11 min Scan# 880

Delta R.T. 0.02 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Instrument :

BNA_F

ClientSampleId :

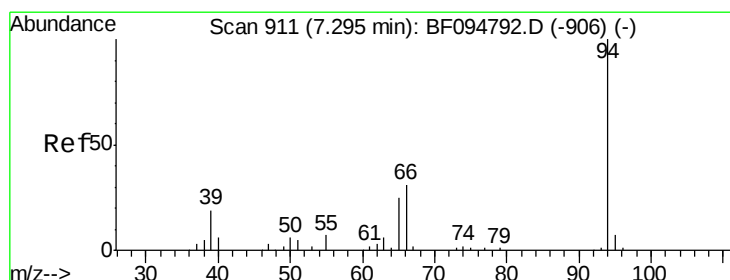
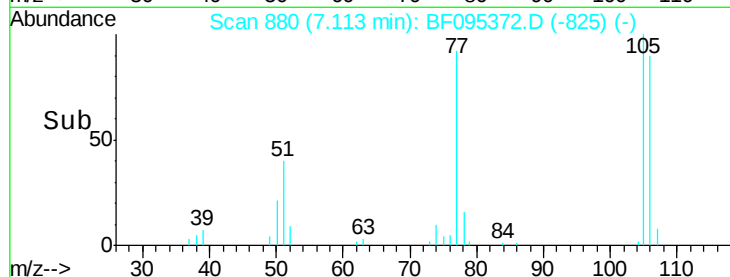
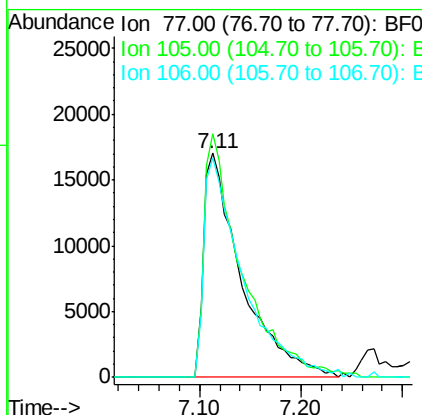
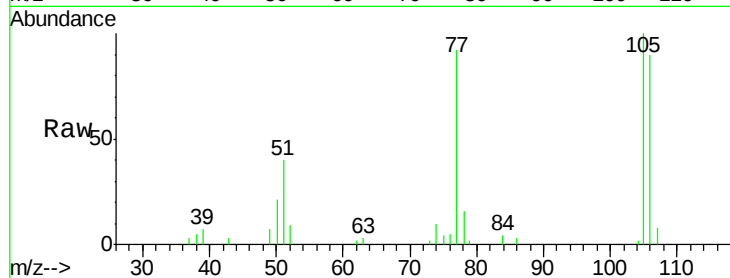
SB-02-COMPMSD

Tgt Ion: 77 Resp: 44281

Ion	Ratio	Lower	Upper
77	100		
105	108.8	83.8	123.8
106	98.1	79.1	119.1

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#10

Phenol

Concen: 36.50 ng

RT: 7.32 min Scan# 915

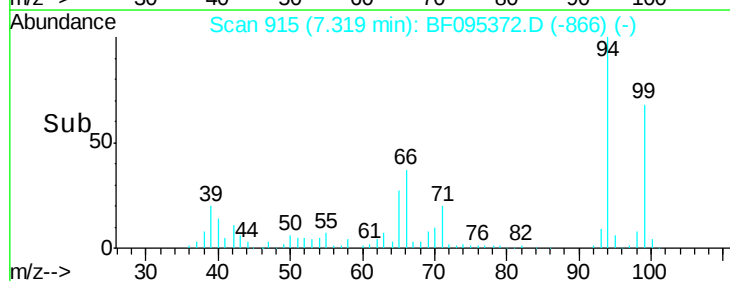
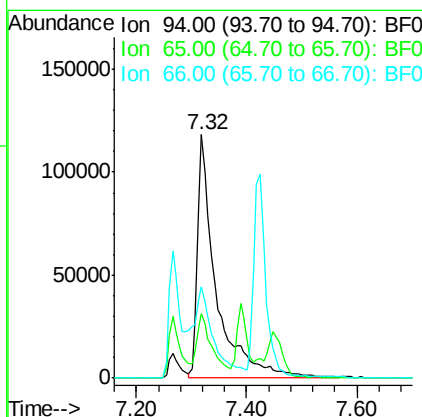
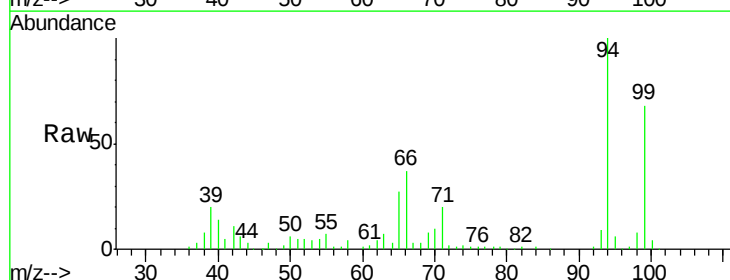
Delta R.T. -0.01 min

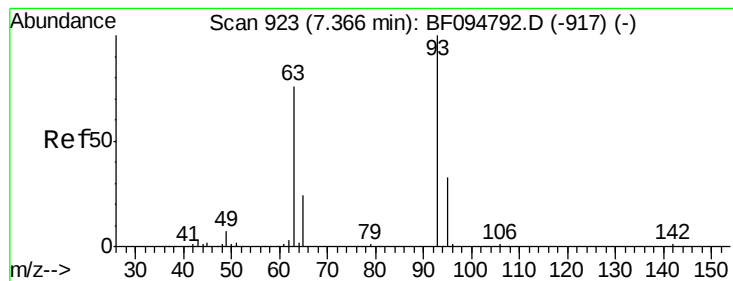
Lab File: BF095372.D

Acq: 24 May 2017 4:50

Tgt Ion: 94 Resp: 274356

Ion	Ratio	Lower	Upper
94	100		
65	26.7	9.9	49.9
66	37.3	23.1	63.1





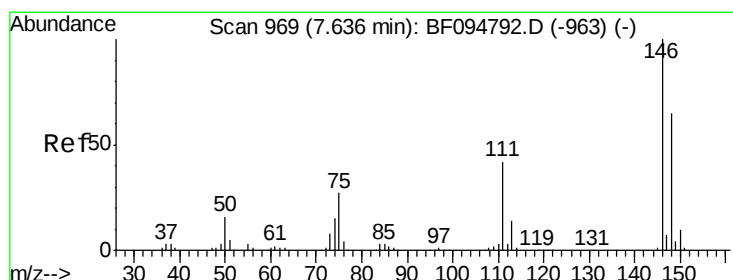
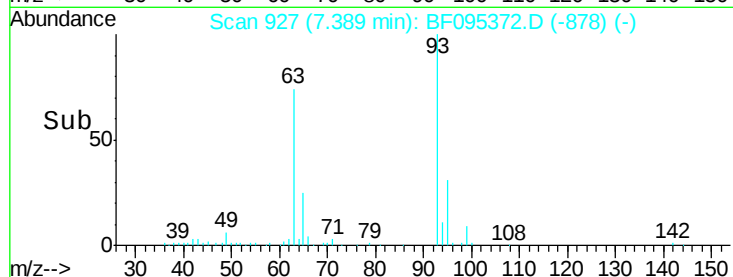
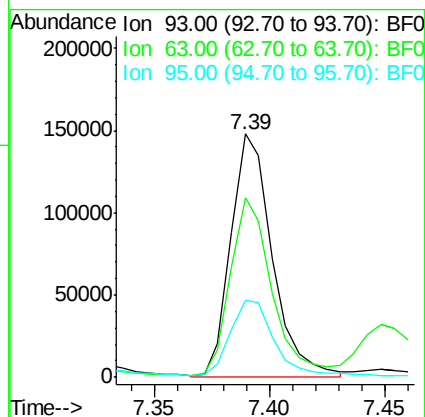
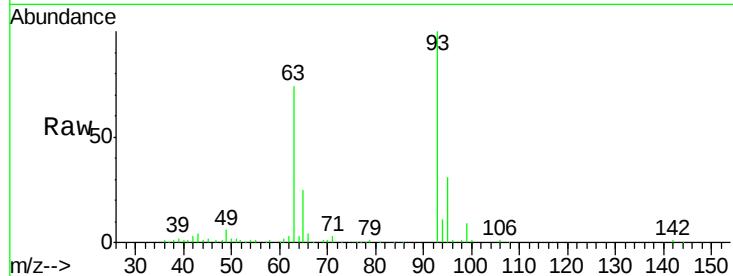
#11
bis(2-Chloroethyl)ether
Concen: 29.82 ng
RT: 7.39 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	73.9	59.2	99.2
95	31.5	12.8	52.8

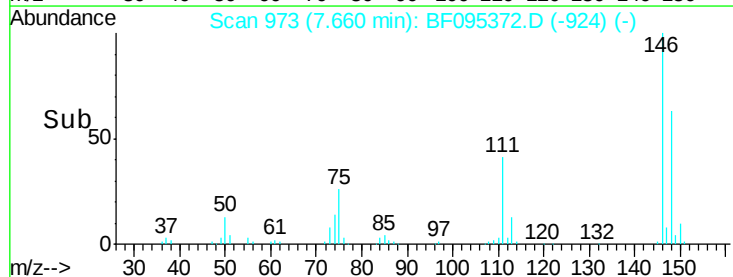
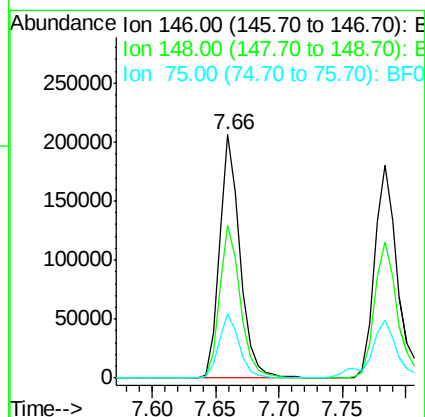
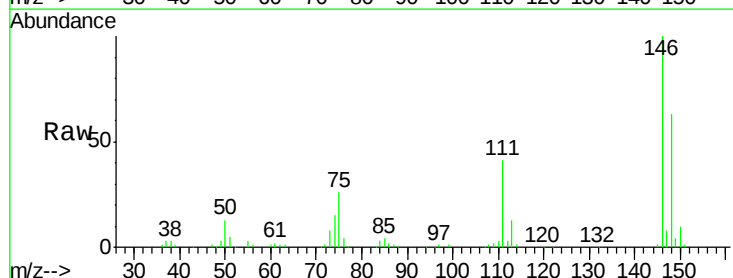
Manual Integrations
APPROVED

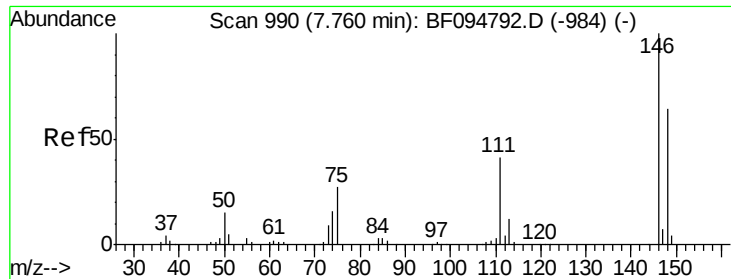
mohammad
5/24/2017 4:43:28 PM



#12
1,3-Dichlorobenzene
Concen: 30.52 ng
RT: 7.66 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.8	51.8	77.6
75	26.3	23.1	34.7





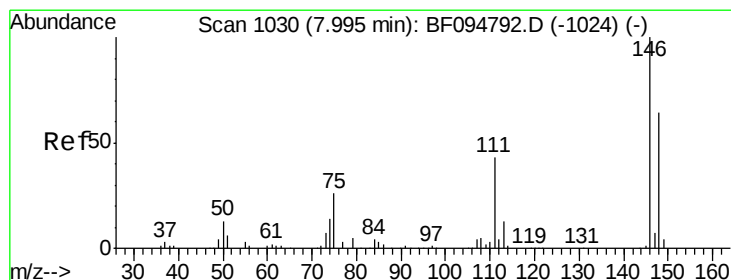
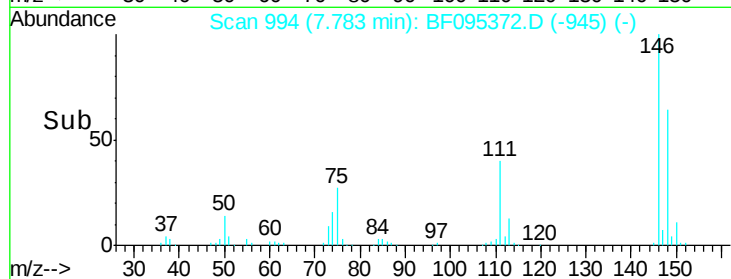
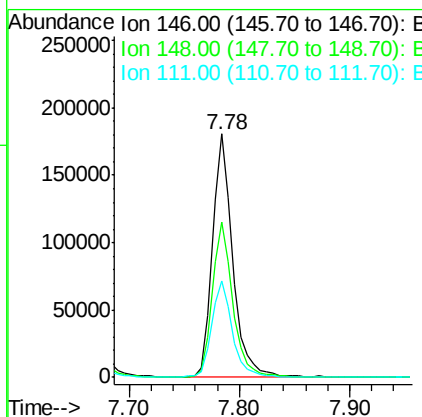
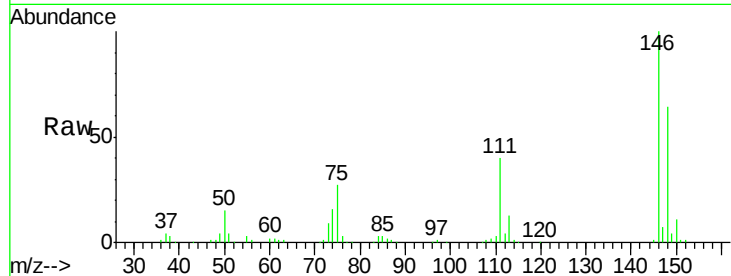
#13
 1,4-Dichlorobenzene
 Concen: 29.35 ng
 RT: 7.78 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	39.8	30.3	45.5

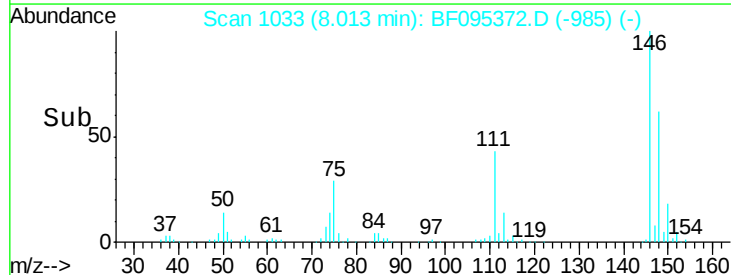
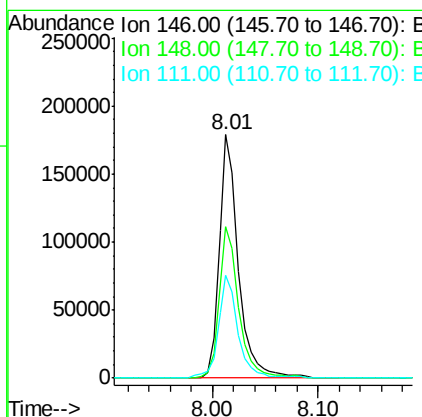
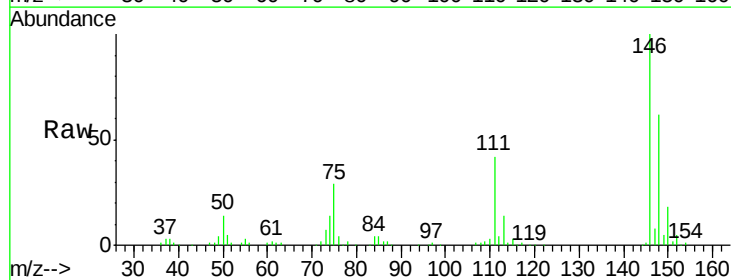
Manual Integrations
 APPROVED

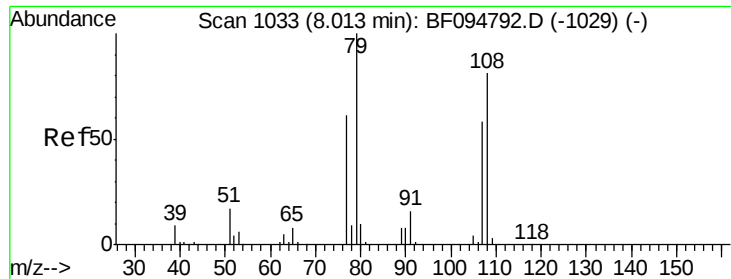
mohammad
 5/24/2017 4:43:28 PM



#14
 1,2-Dichlorobenzene
 Concen: 31.32 ng
 RT: 8.01 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.4	75.6
111	42.4	38.2	57.4





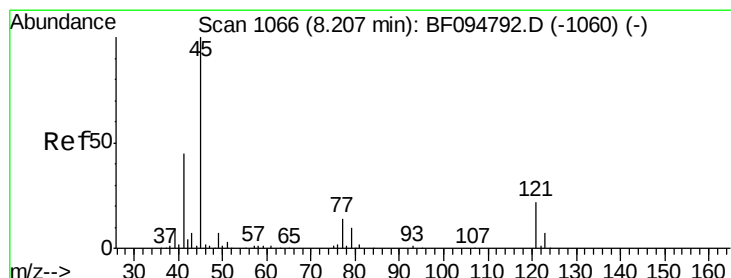
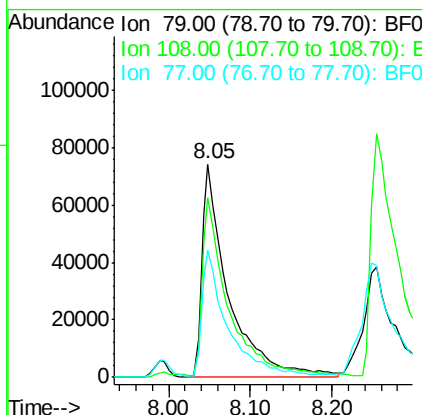
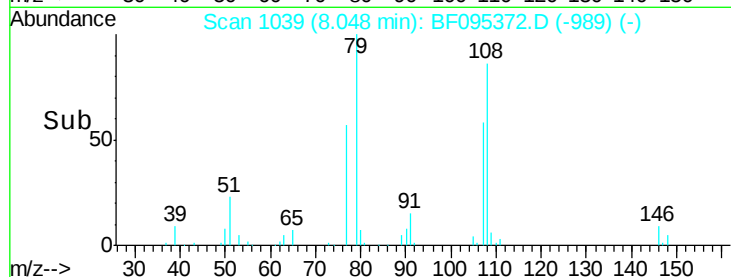
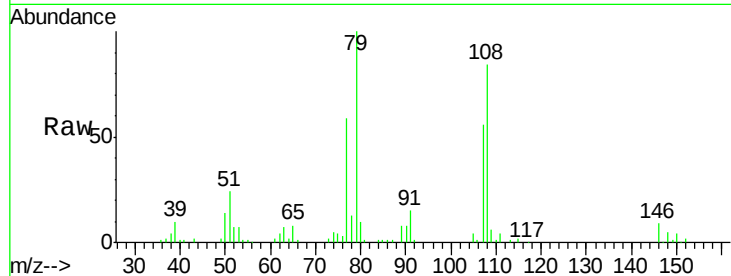
#15
Benzyl Alcohol
Concen: 36.44 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	83.9	63.4	95.0
77	59.5	49.2	73.8

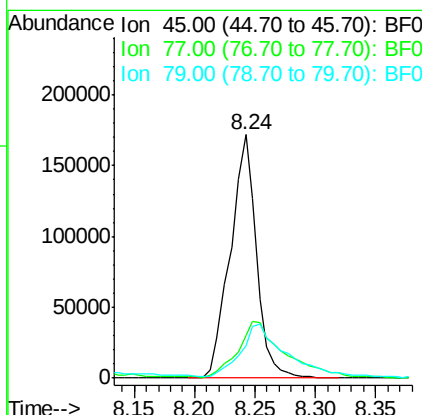
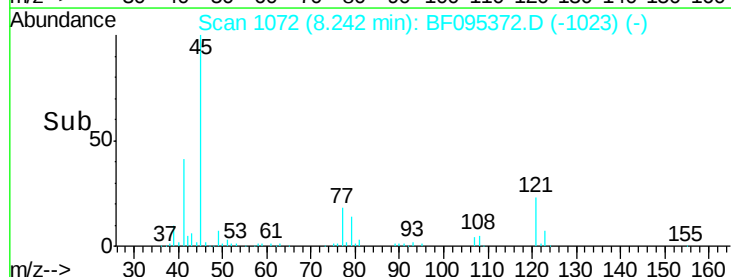
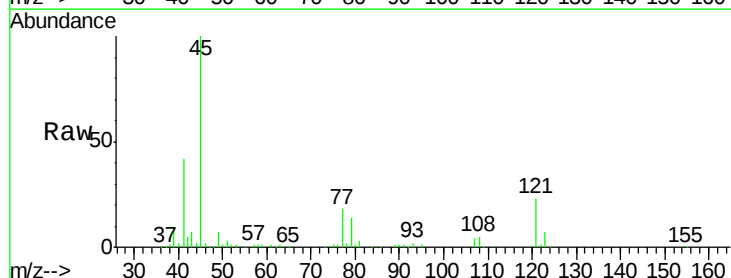
Manual Integrations
APPROVED

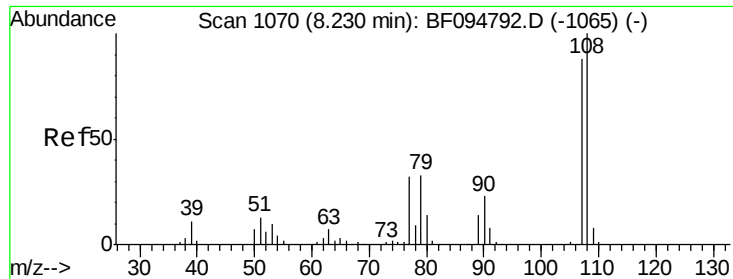
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.55 ng
RT: 8.24 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	33.2
79	13.5	0.0	30.0





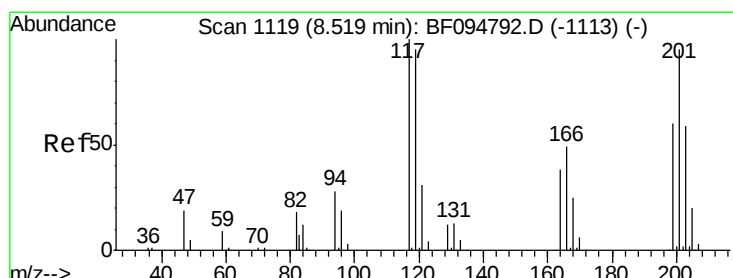
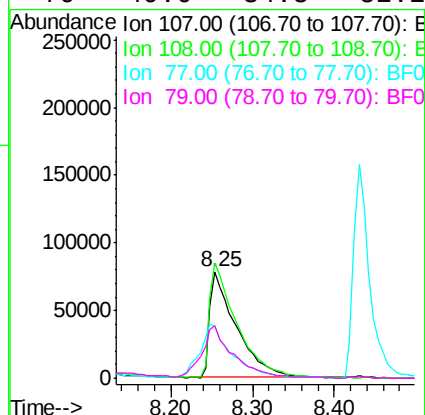
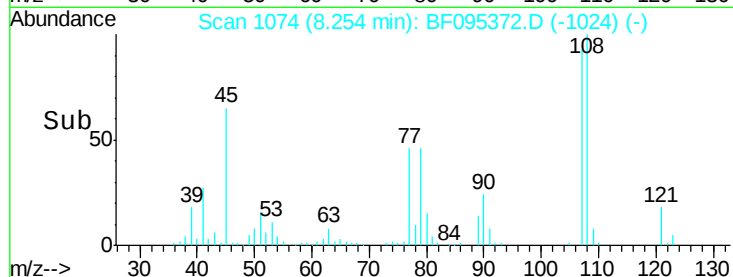
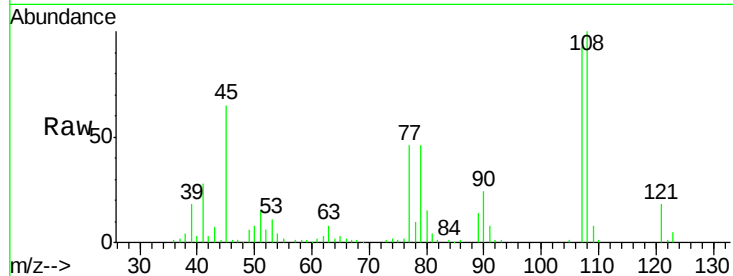
#17
2-Methylphenol
Concen: 32.07 ng
RT: 8.25 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.5	93.4	140.0	
77	49.6	35.8	53.6	
79	49.0	34.8	52.2	

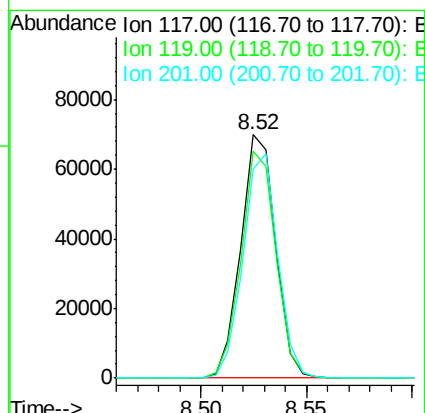
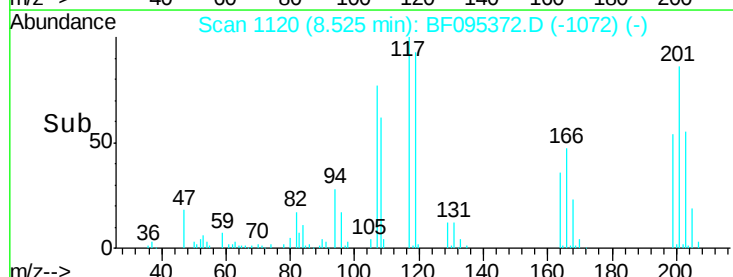
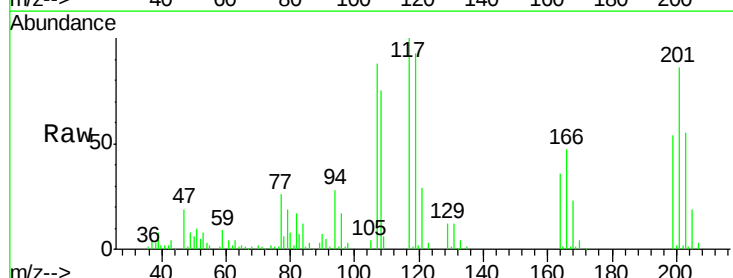
Manual Integrations
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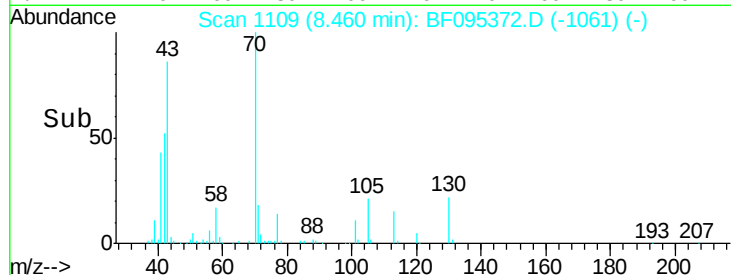
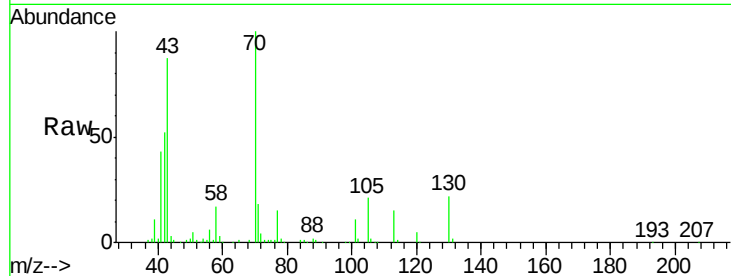
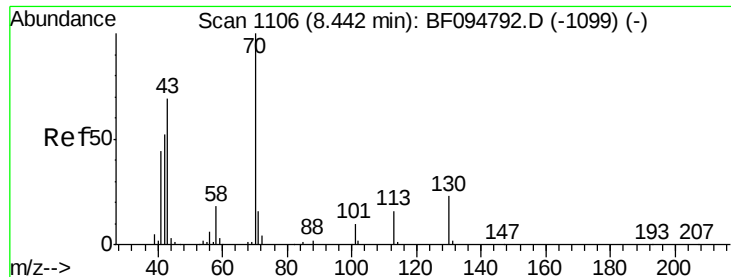
mohammad
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#18
Hexachloroethane
Concen: 30.30 ng
RT: 8.52 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	77.4	116.0	
201	85.9	94.6	141.8#	





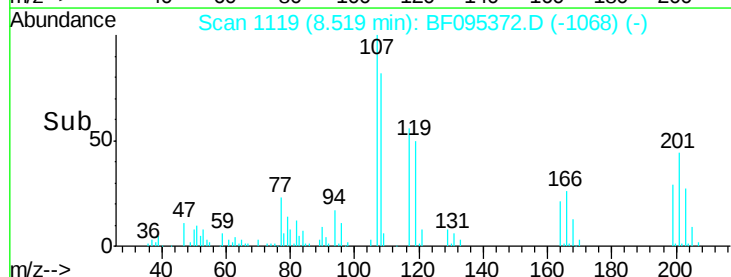
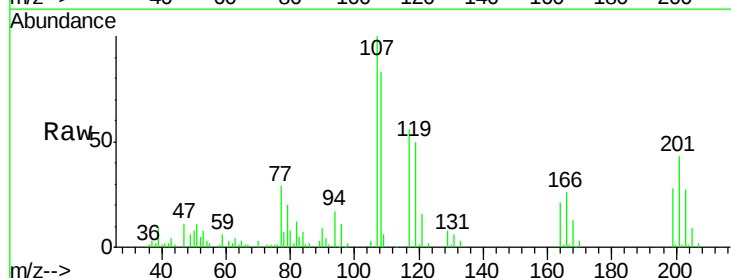
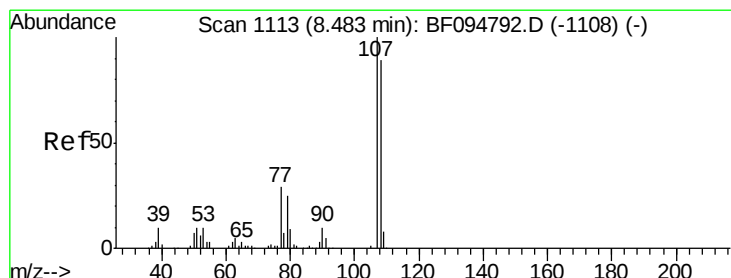
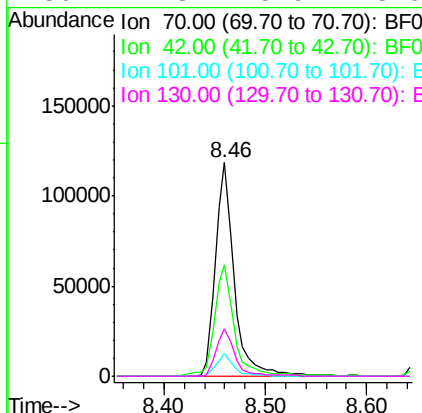
#19
n-Nitroso-di-n-propylamine
Concen: 31.60 ng
RT: 8.46 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.3	47.2	70.8
101	10.5	7.2	10.8
130	22.3	15.9	23.9

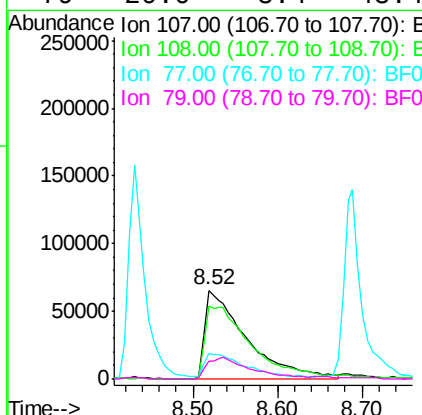
Manual Integrations
APPROVED

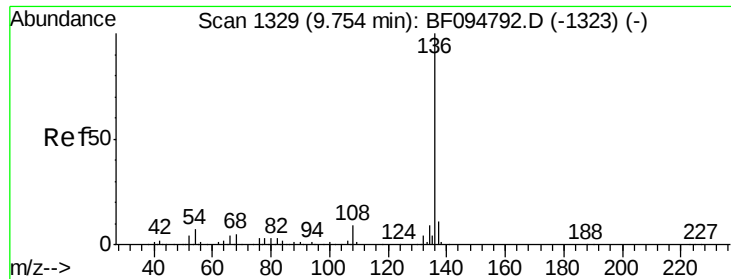
mohammad
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#20
3+4-Methylphenols
Concen: 29.91 ng
RT: 8.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.1	71.0	111.0
77	29.3	90.5	130.5#
79	20.0	8.4	48.4





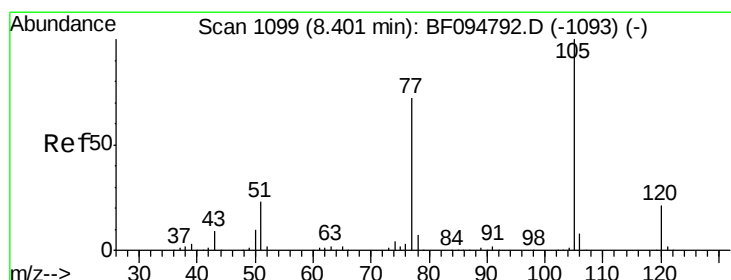
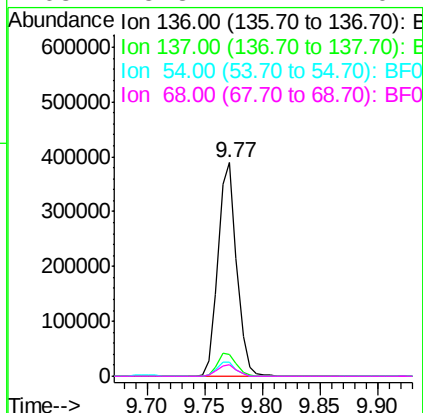
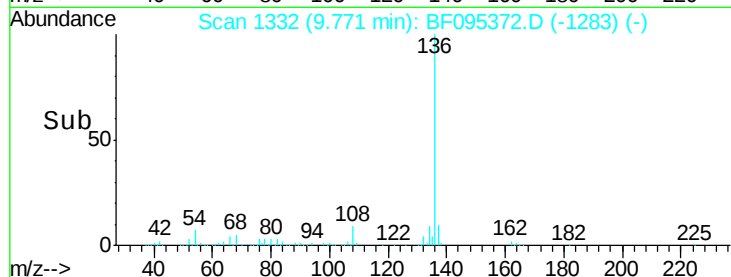
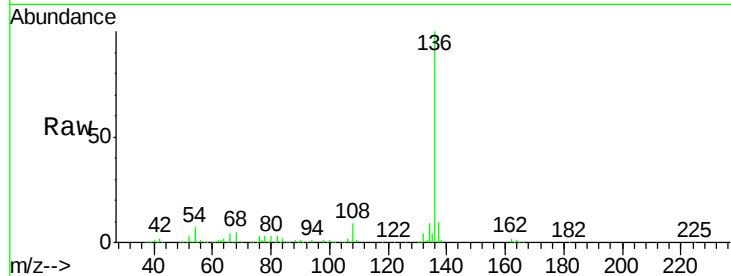
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	436846		
137	10.3	8.5	12.7	
54	6.7	4.9	7.3	
68	5.3	4.1	6.1	

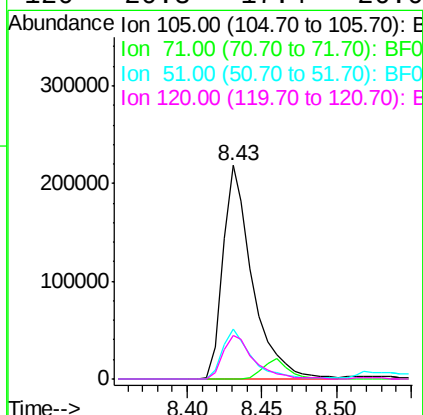
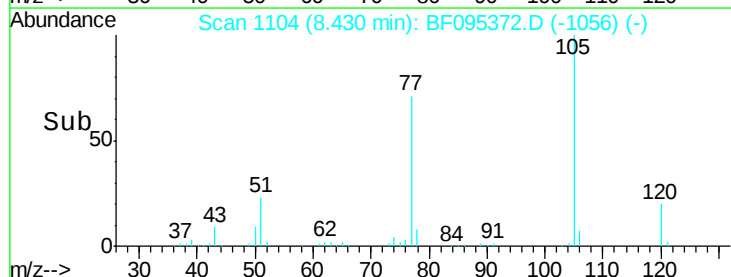
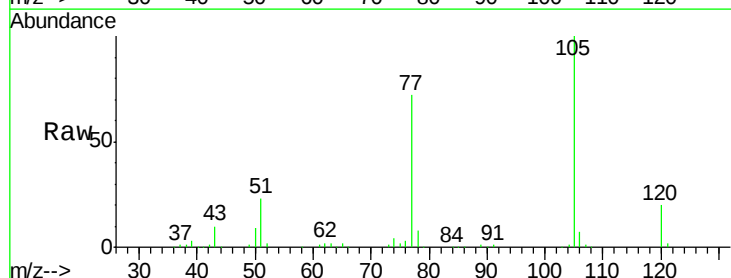
Manual Integrations
APPROVED

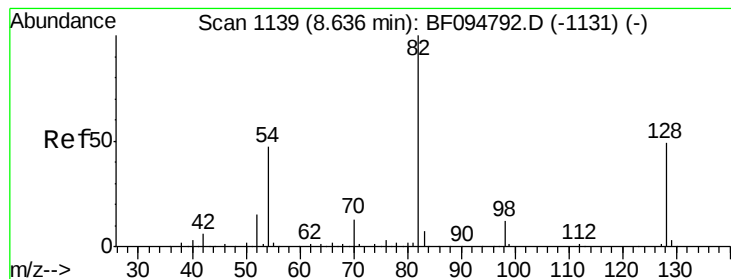
mohammad
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#22
Acetophenone
Concen: 28.87 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	302587		
71	0.0	2.8	4.2#	
51	23.2	30.7	46.1#	
120	20.3	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 56.00 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

Tgt Ion: 82 Resp: 387932
Ion Ratio Lower Upper

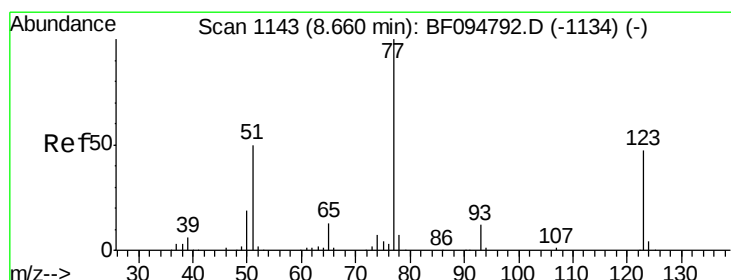
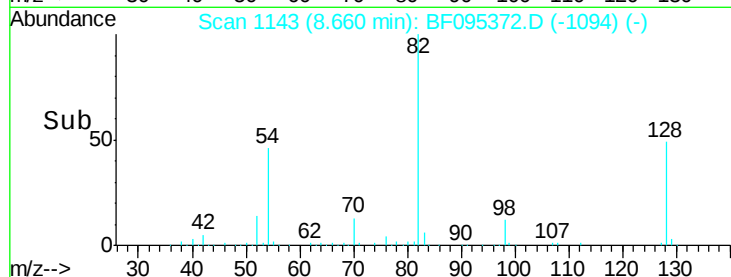
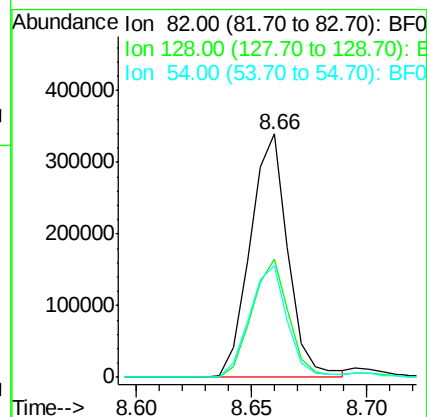
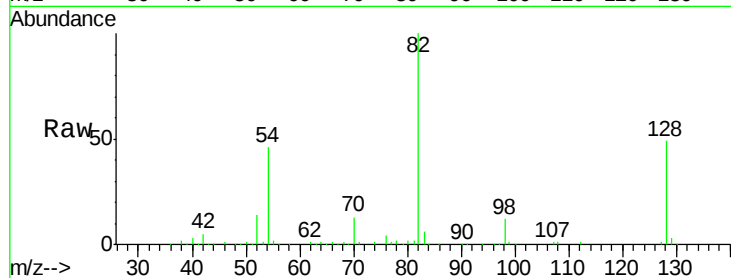
82 100

128 48.6 34.0 51.0

54 46.0 42.2 63.2

Manual Integrations
APPROVED

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#24

Nitrobenzene

Concen: 28.99 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF095372.D

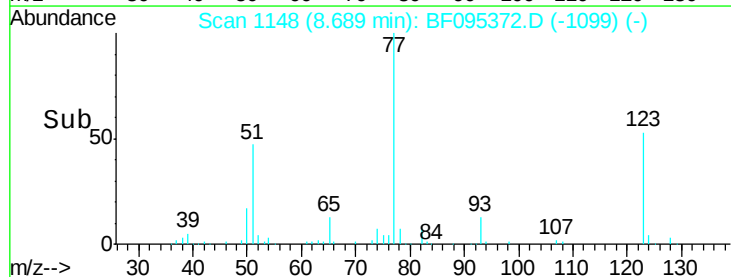
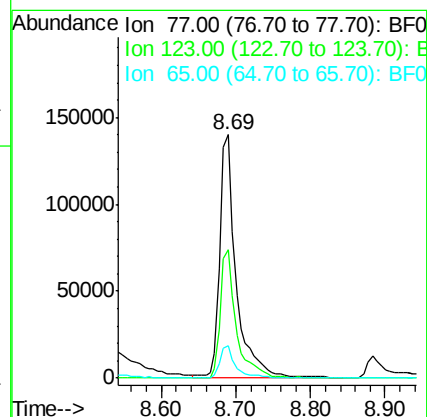
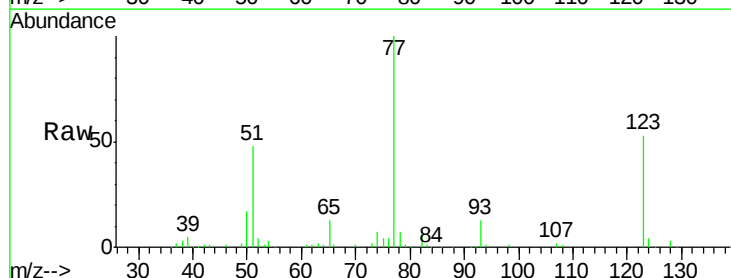
Acq: 24 May 2017 4:50

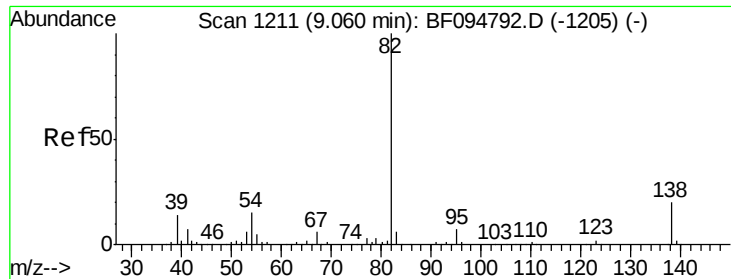
Tgt Ion: 77 Resp: 210498
Ion Ratio Lower Upper

77 100

123 52.5 35.8 53.8

65 13.1 10.6 15.8





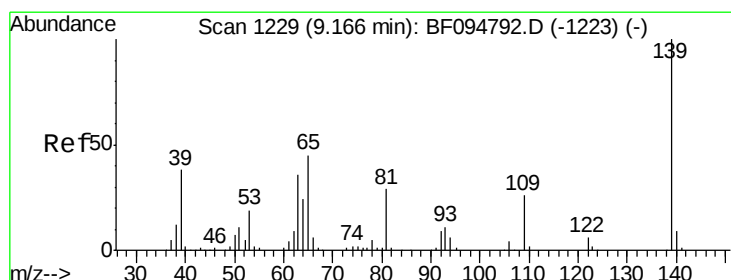
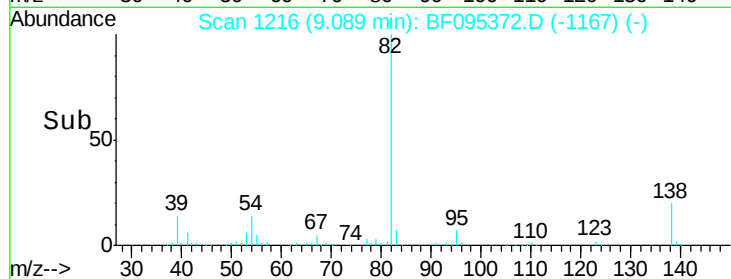
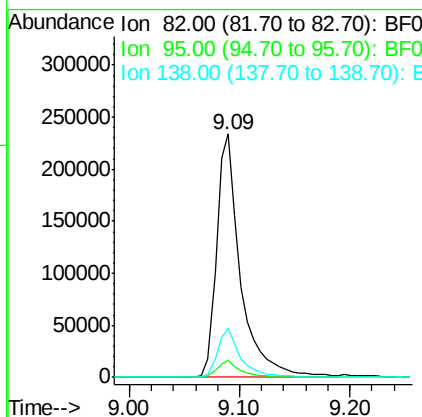
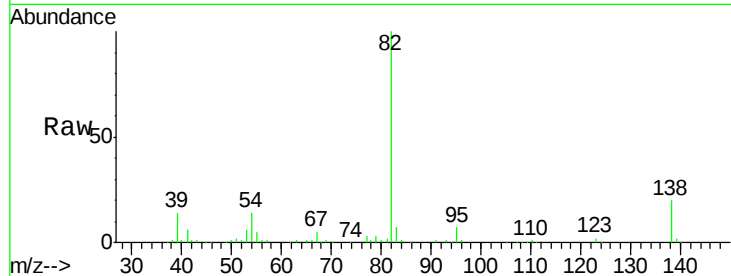
#25
Isophorone
Concen: 28.39 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	351226		
95	7.0	5.3	7.9	
138	20.0	13.1	19.7	

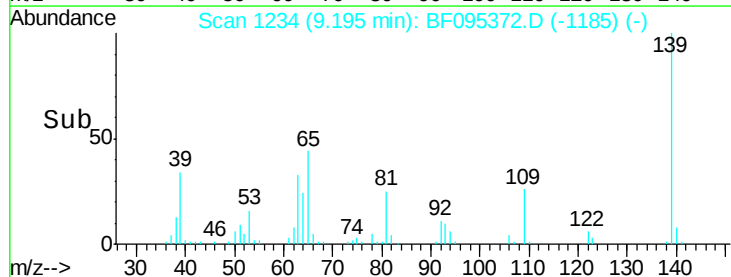
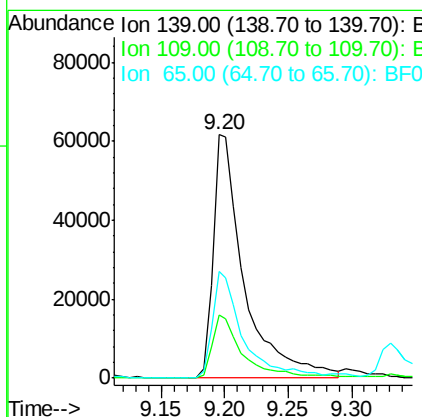
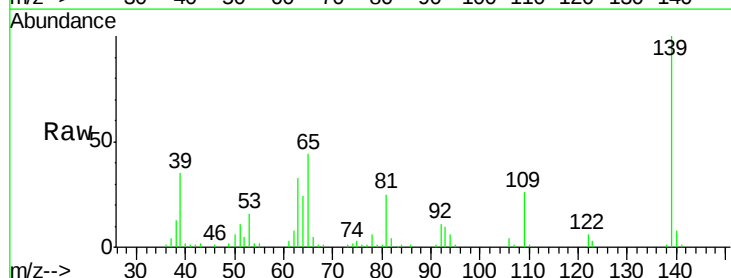
Manual Integrations
APPROVED

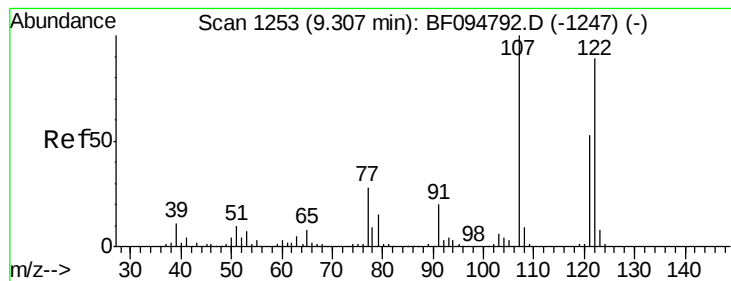
mohammad
5/24/2017 4:43:28 PM



#26
2-Nitrophenol
Concen: 27.08 ng
RT: 9.20 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	106116		
109	26.0	21.0	31.6	
65	43.9	33.0	49.6	





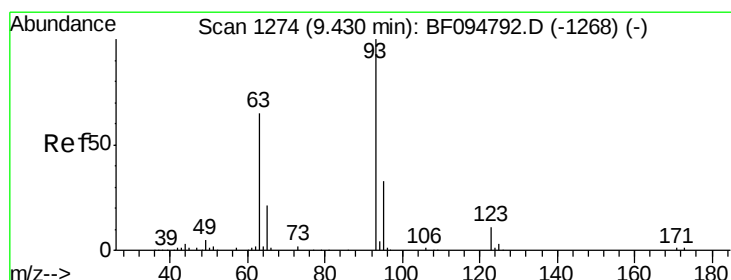
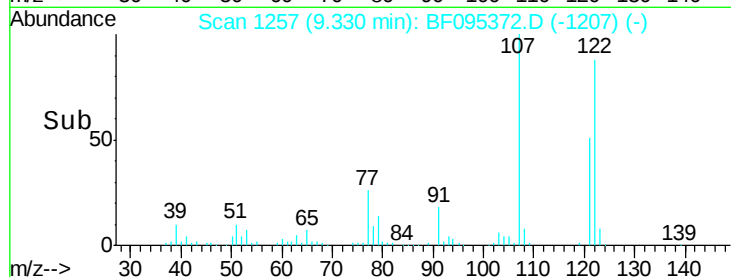
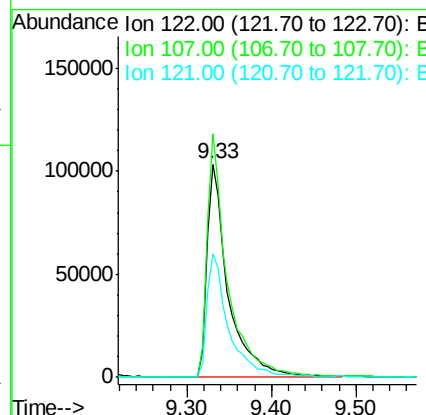
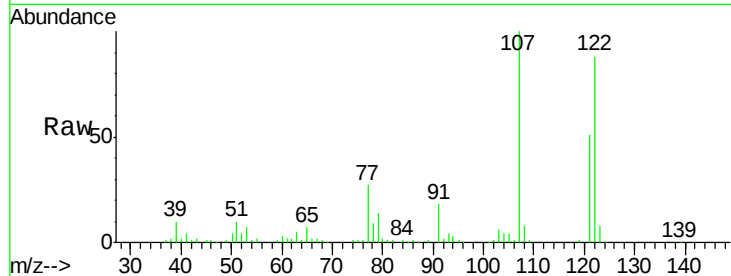
#27
 2,4-Dimethylphenol
 Concen: 28.54 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	180818		
107	114.1	89.2	133.8	
121	58.0	45.2	67.8	

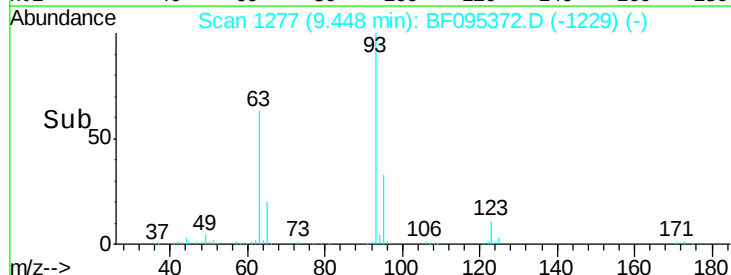
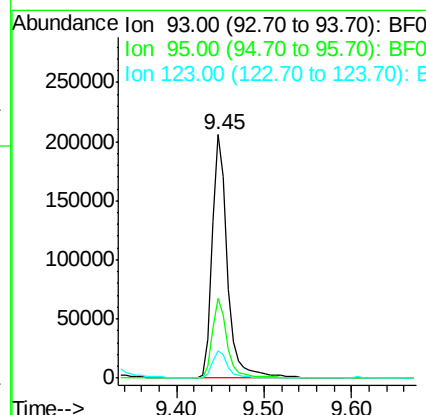
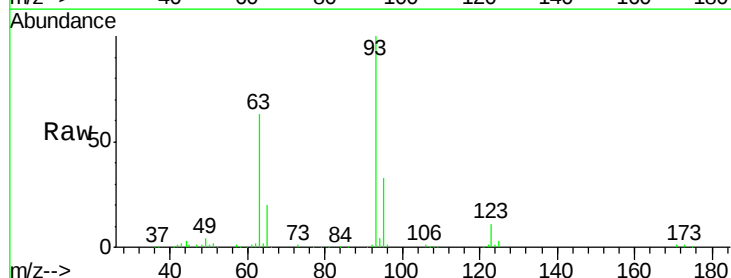
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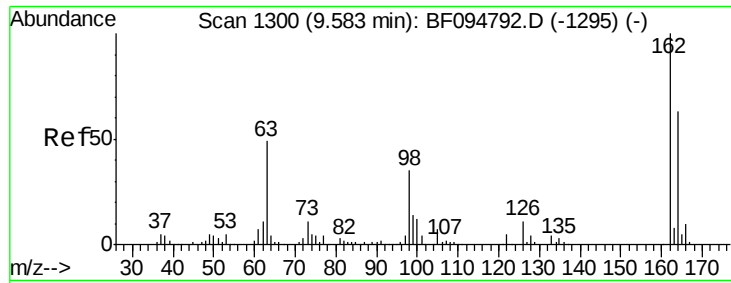
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 29.34 ng
 RT: 9.45 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	251074		
95	32.8	26.5	39.7	
123	11.0	9.0	13.4	





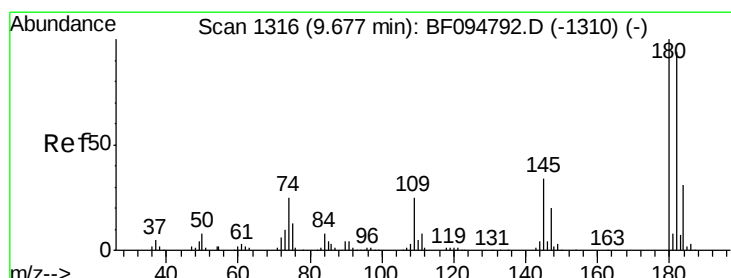
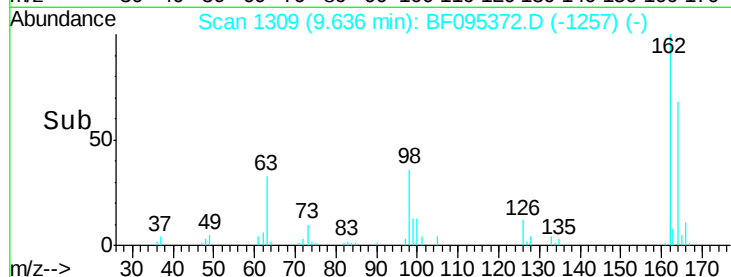
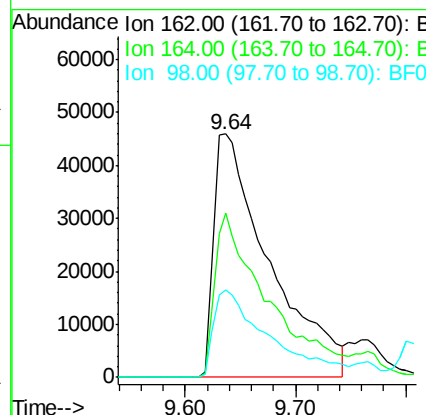
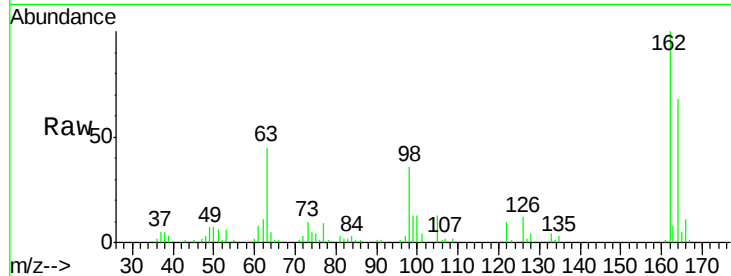
#29
 2,4-Dichlorophenol
 Concen: 26.72 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	159851		
164	67.7	44.6	84.6	
98	35.7	14.8	54.8	

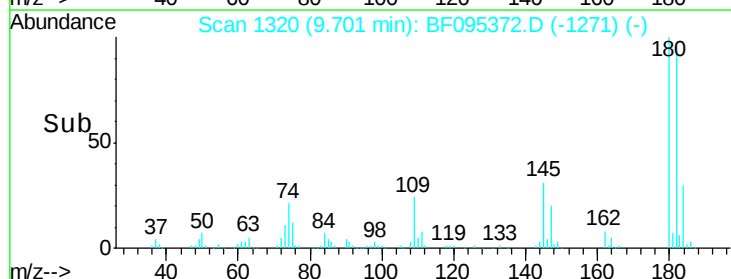
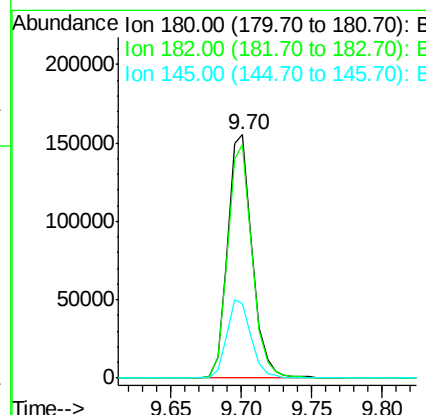
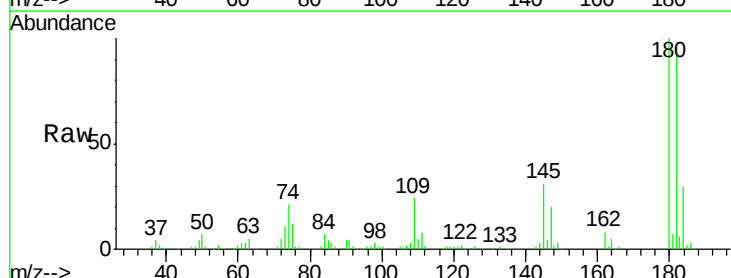
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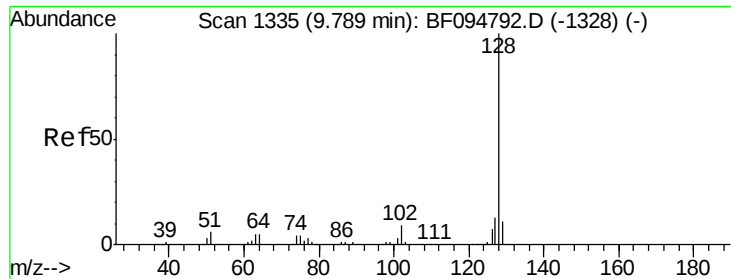
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#30
 1,2,4-Trichlorobenzene
 Concen: 29.13 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	186649		
182	95.8	75.8	113.6	
145	30.9	25.3	37.9	





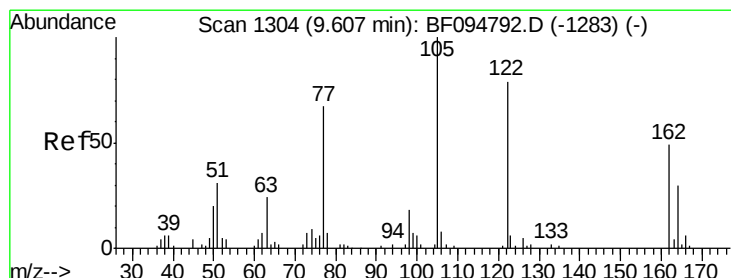
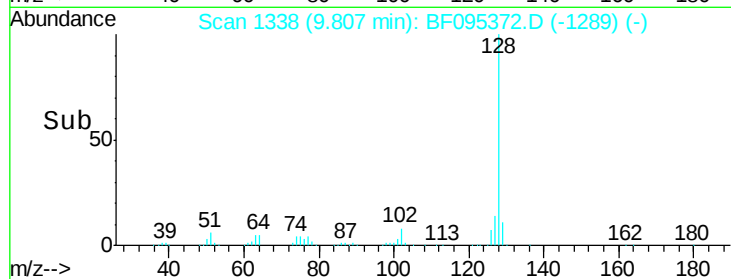
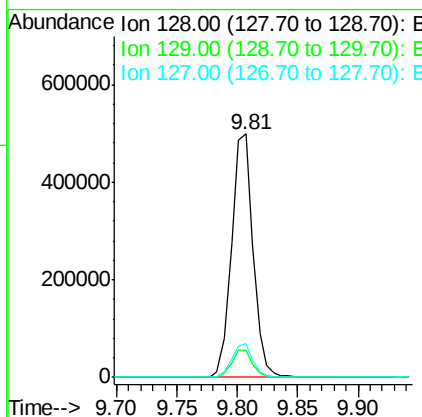
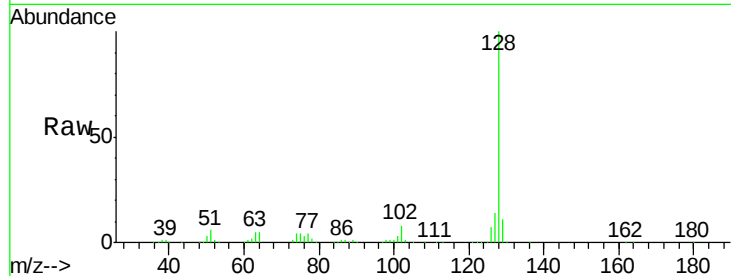
#31
Naphthalene
Concen: 28.33 ng
RT: 9.81 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	621953		
129	11.4	9.0	13.6	
127	13.7	10.8	16.2	

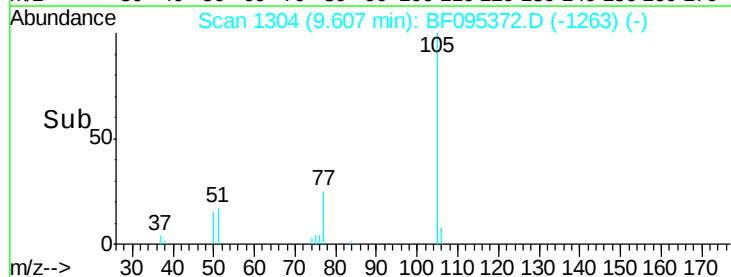
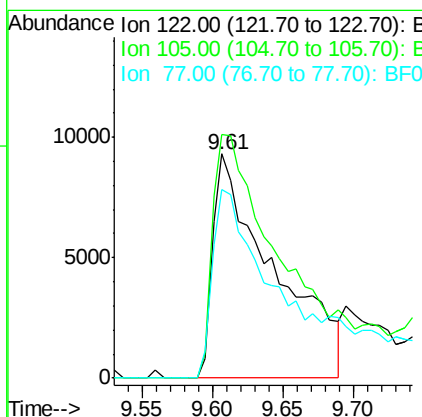
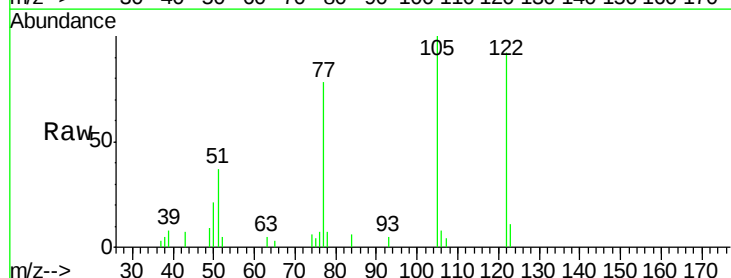
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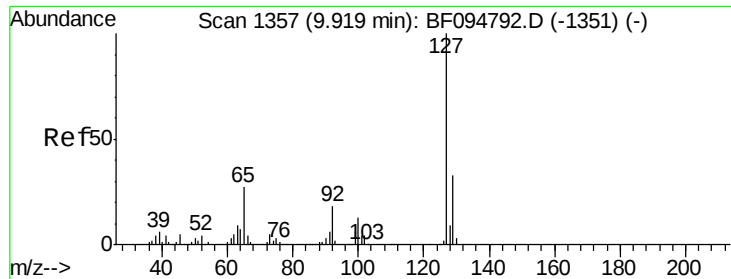
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#32
Benzoic acid
Concen: 11.07 ng
RT: 9.61 min Scan# 1304
Delta R.T. -0.06 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	27876		
105	108.8	103.3	143.3	
77	84.3	73.7	113.7	





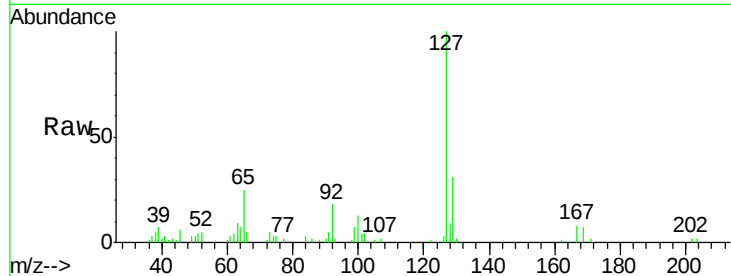
#33
 4-Chloroaniline
 Concen: 10.91 ng
 RT: 9.98 min Scan# 1367
 Delta R.T. 0.02 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

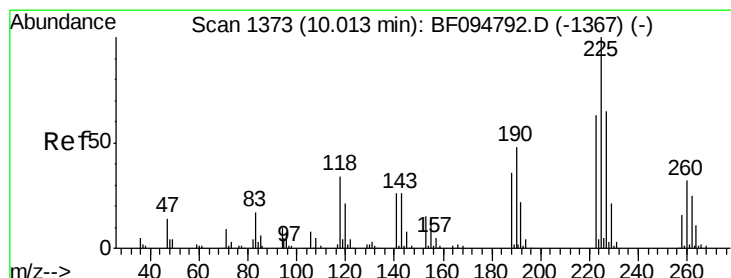
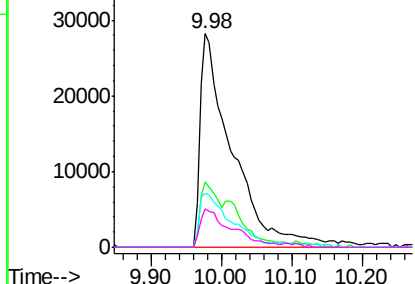
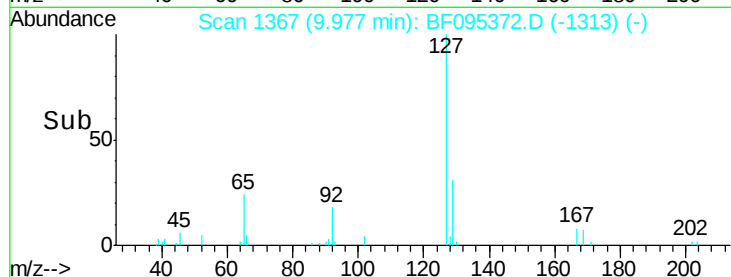
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	89247		
129	30.7	26.2	39.2	
65	25.1	27.8	41.8	
92	17.9	16.8	25.2	

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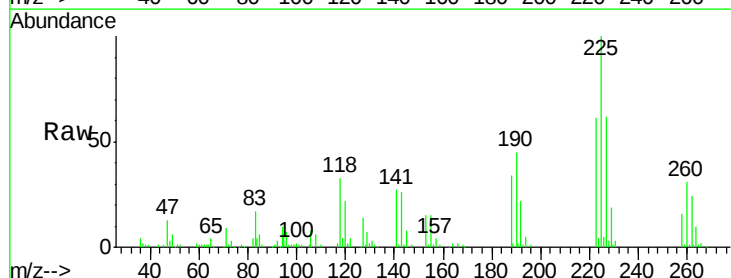


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

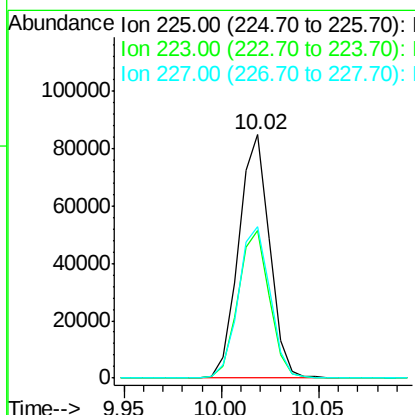
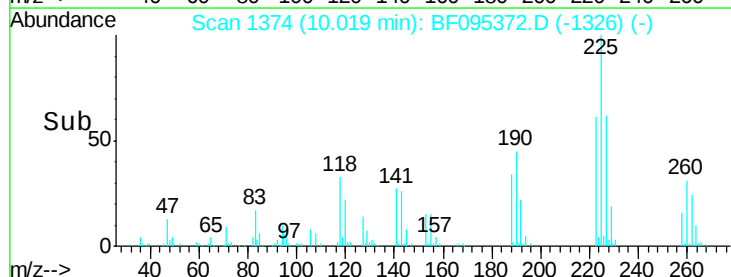


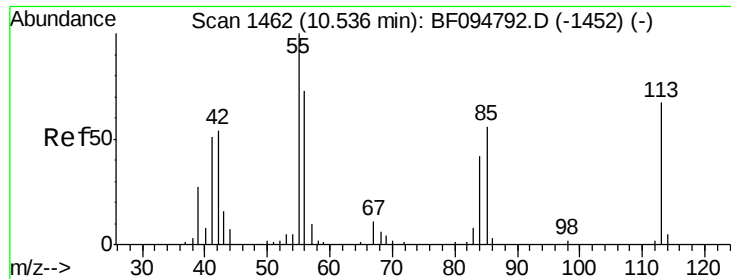
#34
 Hexachlorobutadiene
 Concen: 27.56 ng
 RT: 10.02 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93198		
223	60.8	48.8	73.2	
227	62.4	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





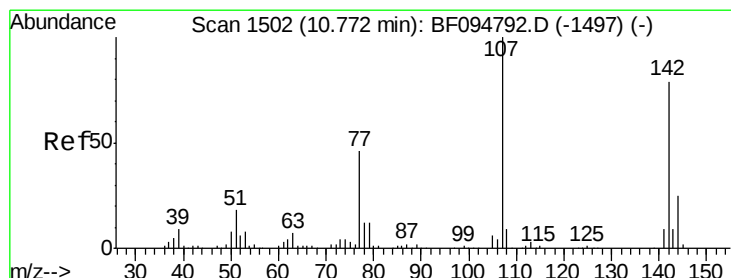
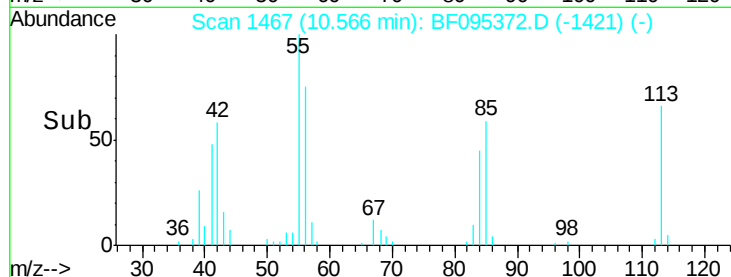
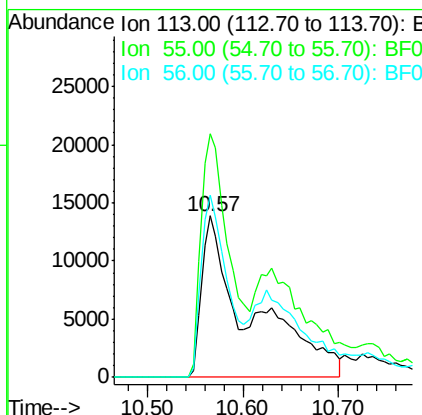
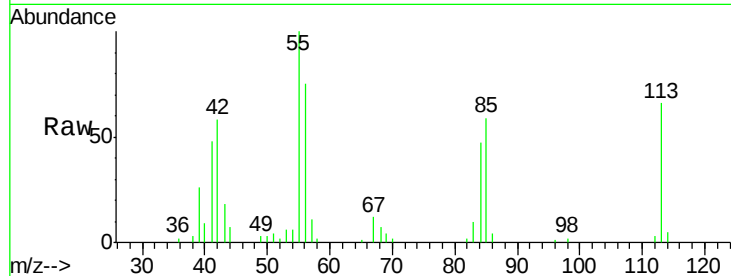
#35
 Caprolactam
 Concen: 27.52 ng m
 RT: 10.57 min Scan# 1467
 Delta R.T. -0.03 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion: 113 Resp: 49429
 Ion Ratio Lower Upper
 113 100
 55 150.8 150.2 190.2
 56 112.4 107.8 147.8

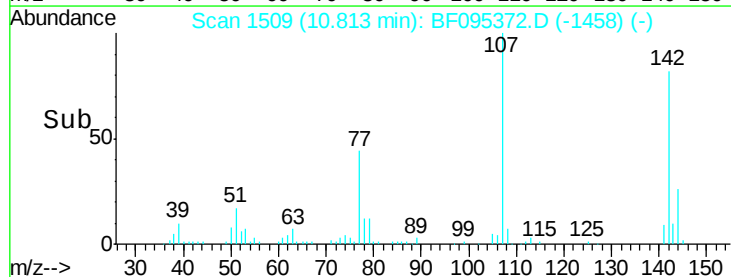
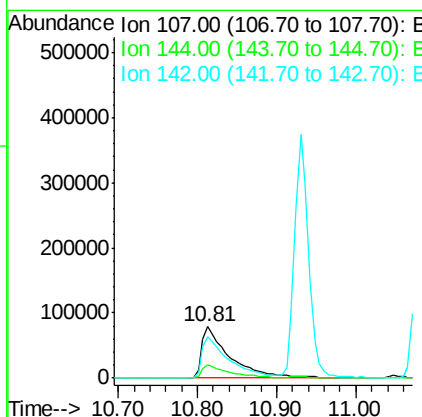
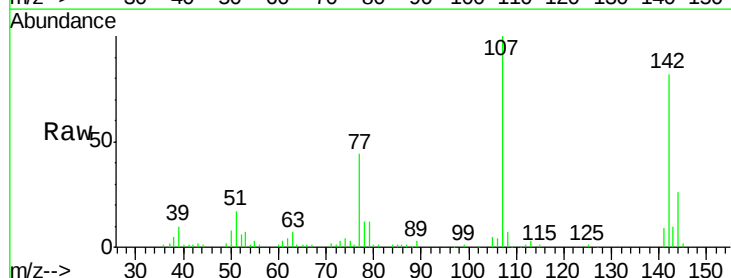
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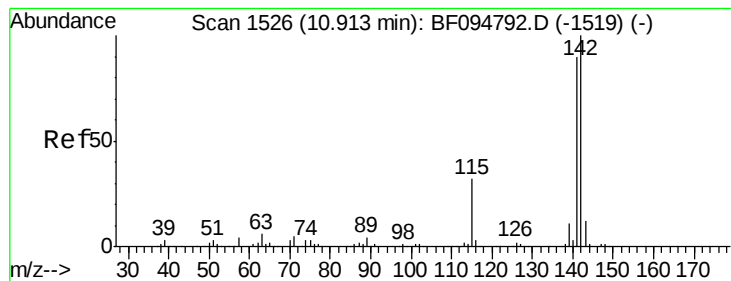
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 30.45 ng
 RT: 10.81 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion: 107 Resp: 194739
 Ion Ratio Lower Upper
 107 100
 144 26.5 24.2 36.4
 142 82.1 73.4 110.0





#37

2-Methylnaphthalene

Concen: 32.15 ng

RT: 10.93 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Instrument :

BNA_F

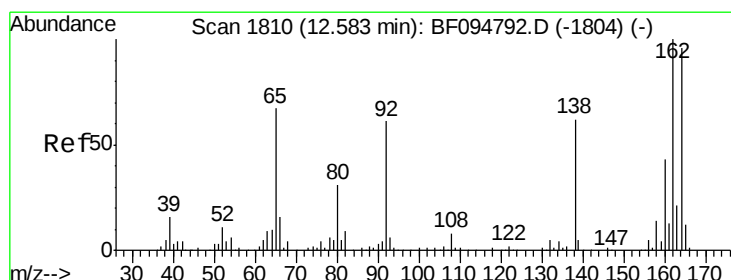
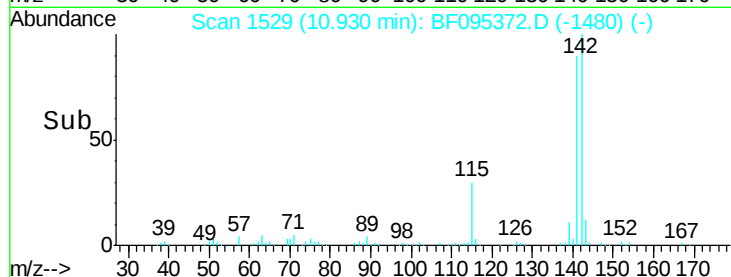
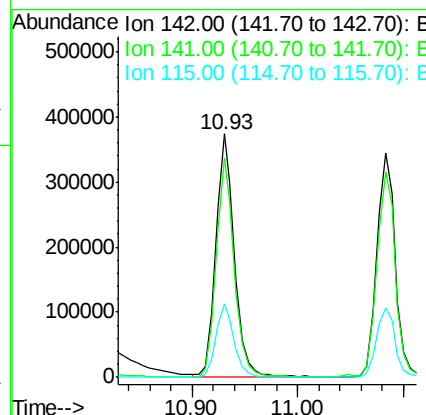
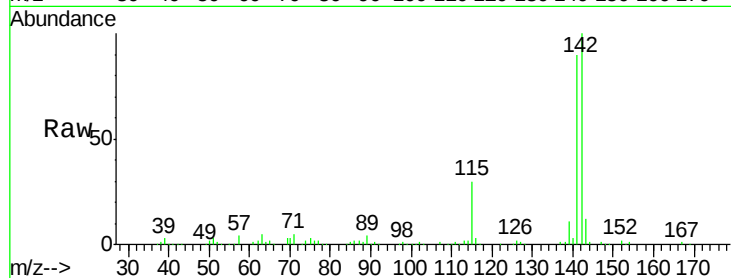
ClientSampleId :

SB-02-COMPMSD

Tgt Ion:	142	Resp:	463218
Ion Ratio	Lower	Upper	
142	100		
141	90.0	71.3	106.9
115	30.1	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.00 ng

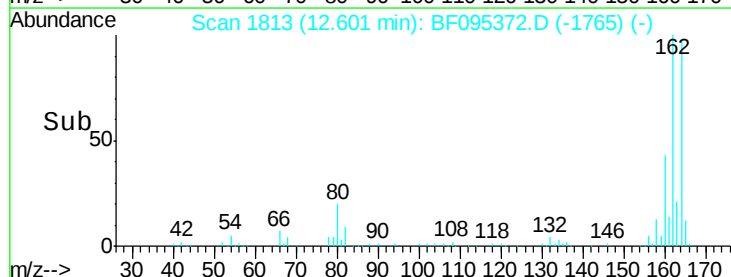
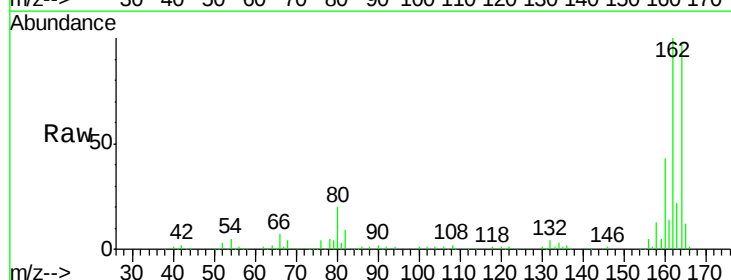
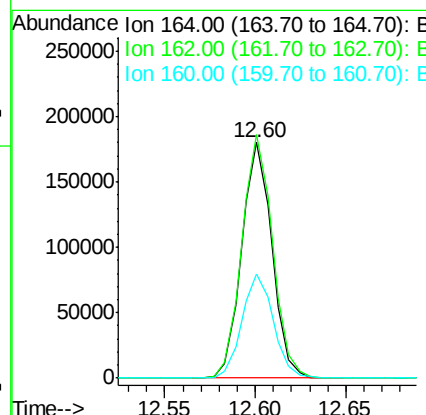
RT: 12.60 min Scan# 1813

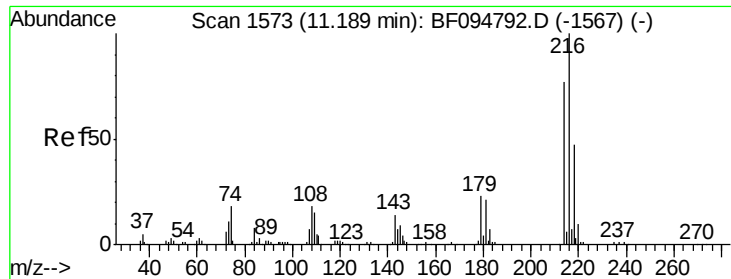
Delta R.T. -0.02 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Tgt Ion:	164	Resp:	208449
Ion Ratio	Lower	Upper	
164	100		
162	103.3	82.6	123.8
160	44.1	36.2	54.2





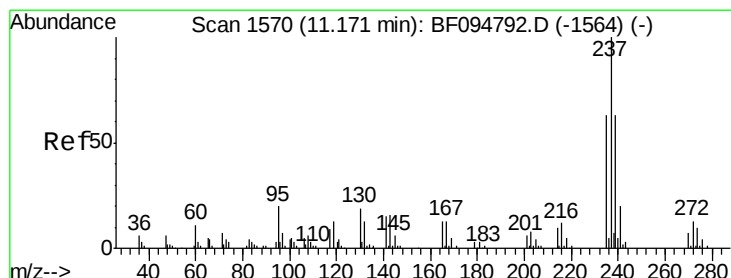
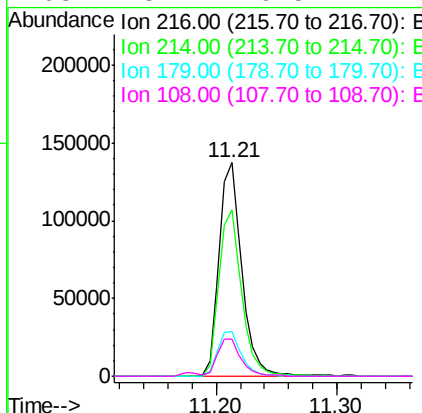
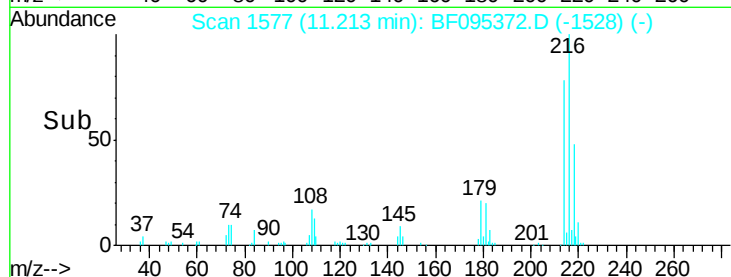
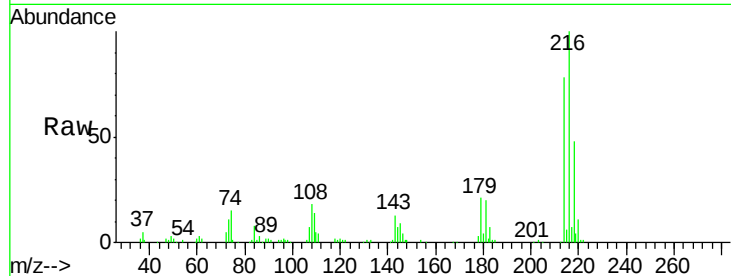
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.84 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	178453		
214	77.9	63.4	95.2	
179	21.6	17.9	26.9	
108	18.1	16.5	24.7	

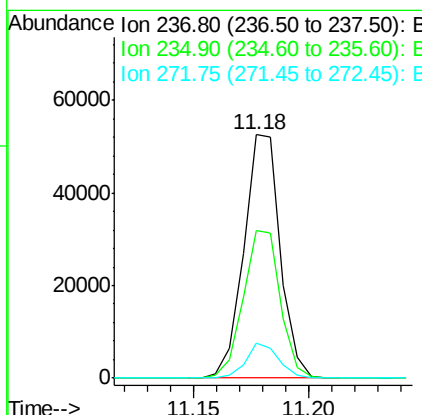
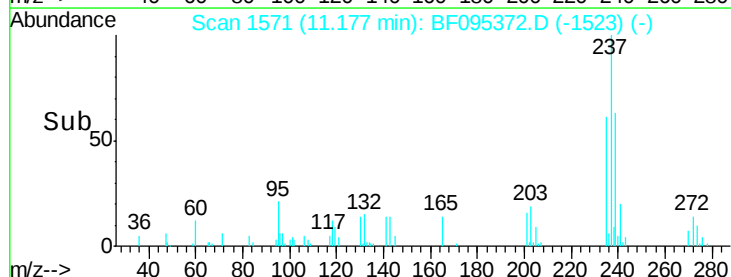
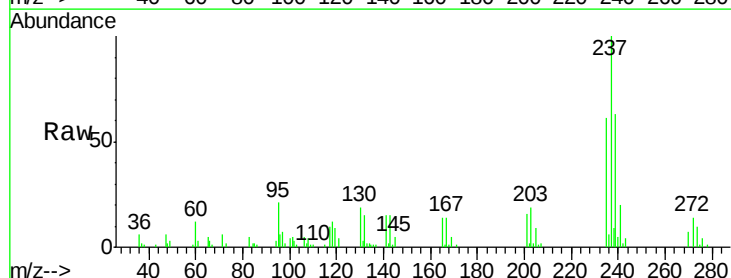
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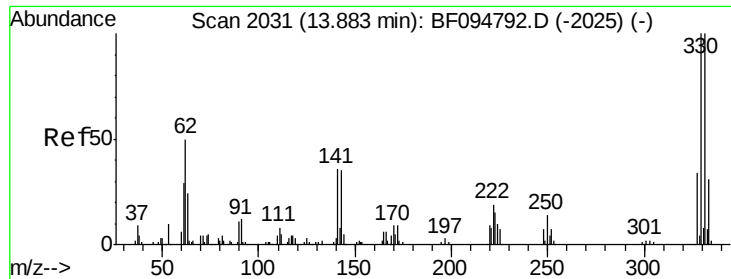
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#40
 Hexachlorocyclopentadiene
 Concen: 25.89 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	57840		
235	60.6	42.6	82.6	
272	14.1	0.0	31.9	





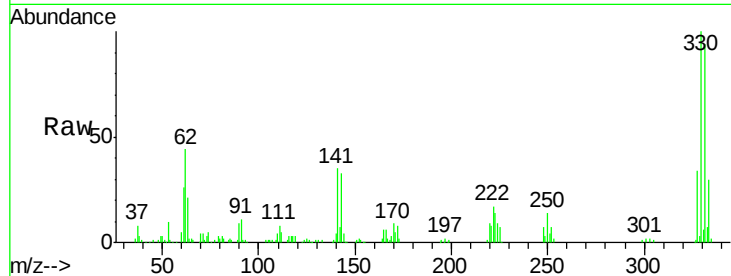
#41
 2,4,6-Tribromophenol
 Concen: 82.63 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

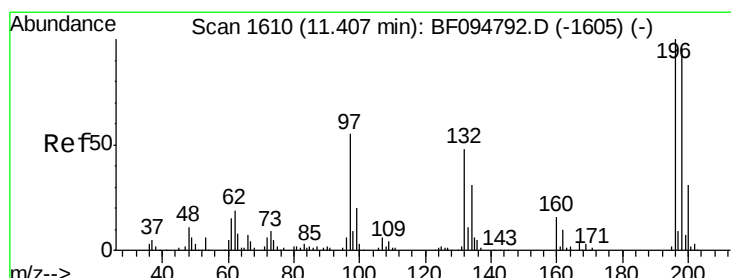
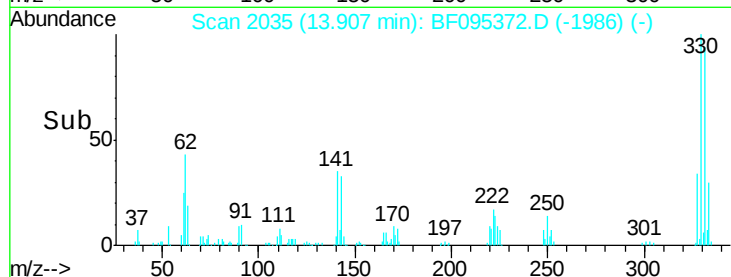
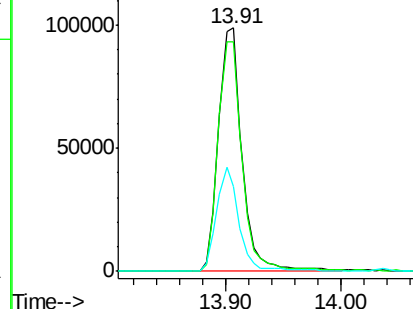
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	141053		
332	96.6	76.6	115.0	
141	40.8	31.4	47.2	

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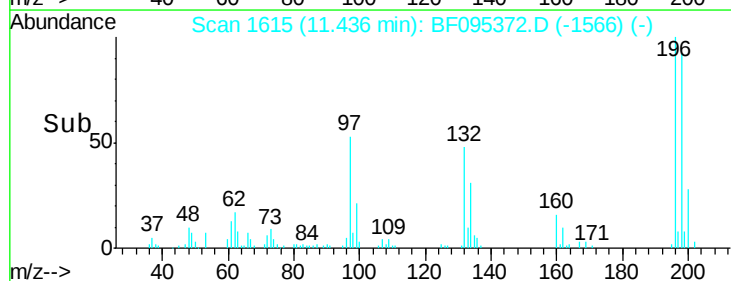
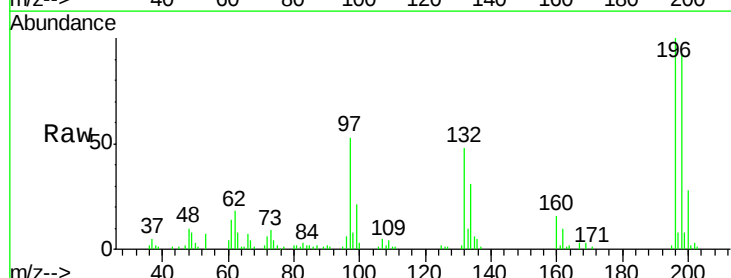
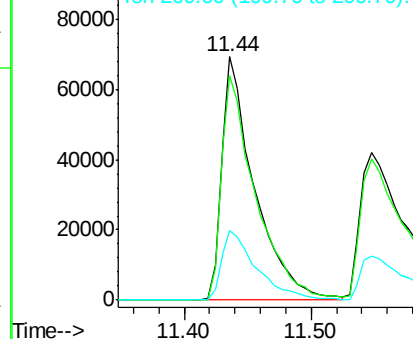
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

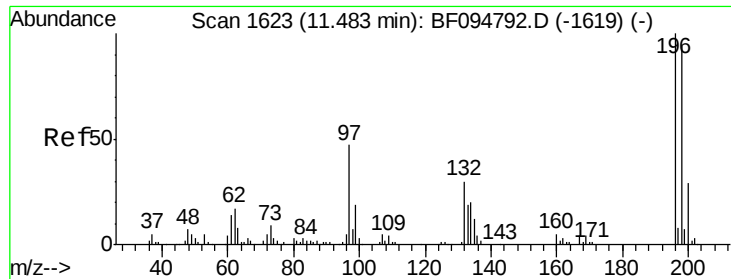


#42
 2,4,6-Trichlorophenol
 Concen: 29.19 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	124950		
198	92.3	74.2	111.4	
200	28.3	24.0	36.0	

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





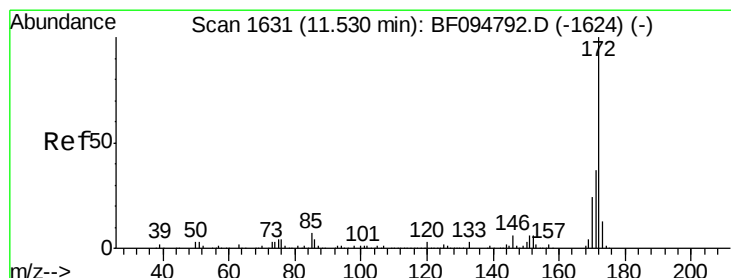
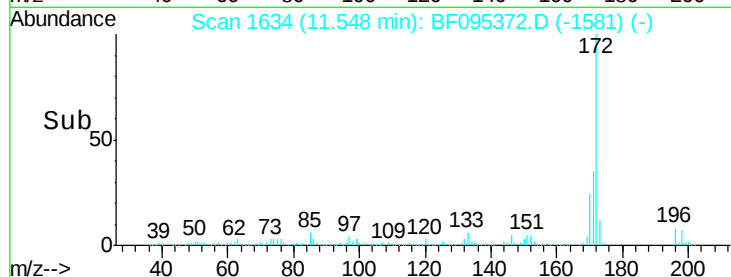
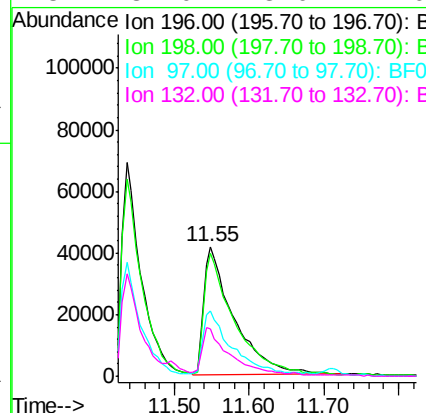
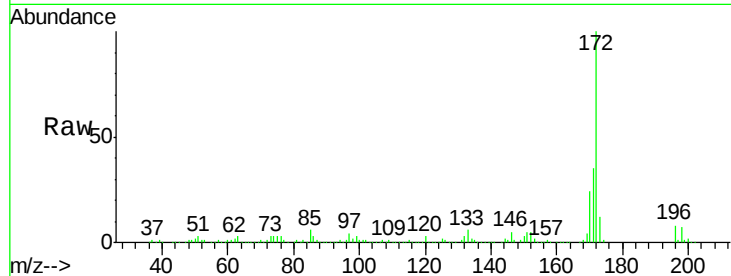
#43
 2,4,5-Trichlorophenol
 Concen: 25.53 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	117437		
198	95.3	75.7	113.5	
97	50.8	47.7	71.5	
132	37.0	28.0	42.0	

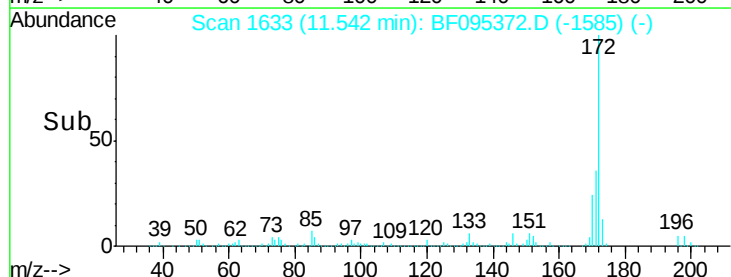
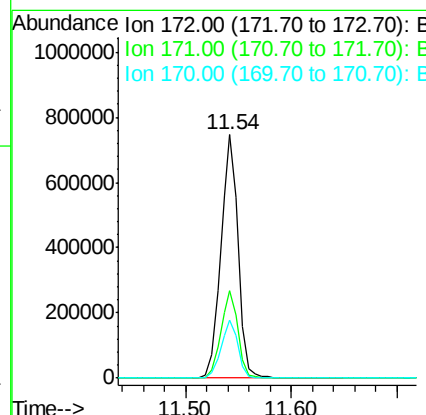
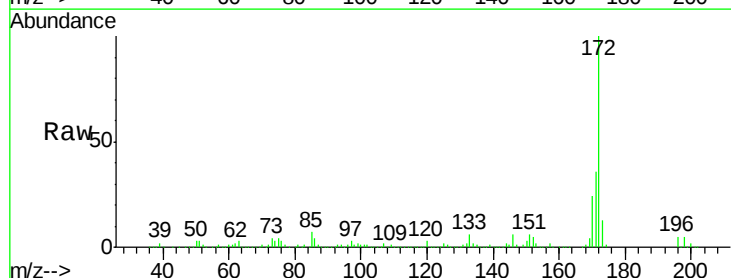
Manual Integrations
 APPROVED

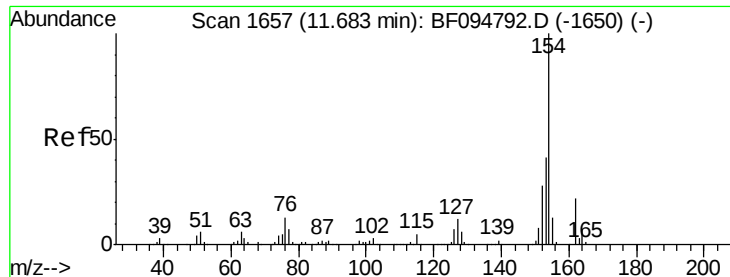
mohammad
 5/24/2017 4:43:28 PM



#44
 2-Fluorobiphenyl
 Concen: 59.25 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	858006		
171	35.8	29.6	44.4	
170	23.6	19.8	29.8	





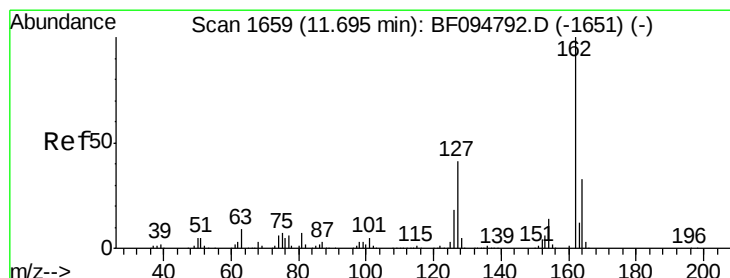
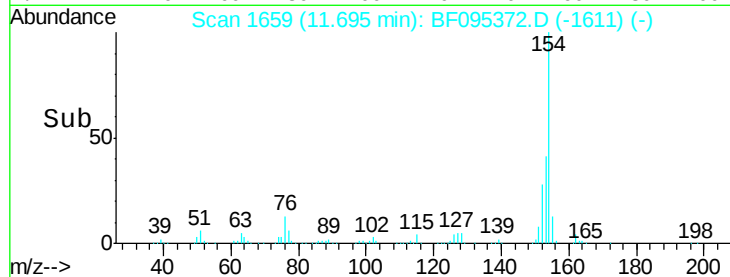
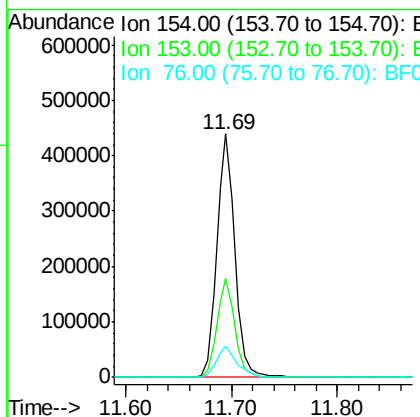
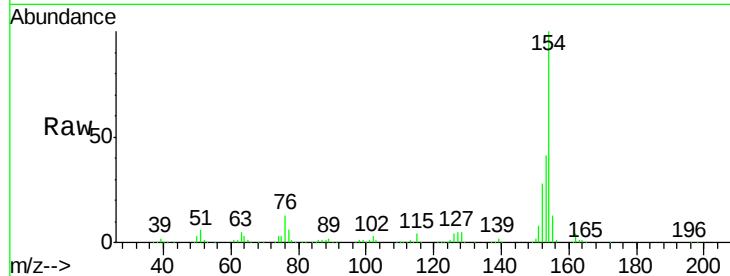
#45
 1,1'-Biphenyl
 Concen: 30.01 ng
 RT: 11.69 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	12.7	0.0	29.9

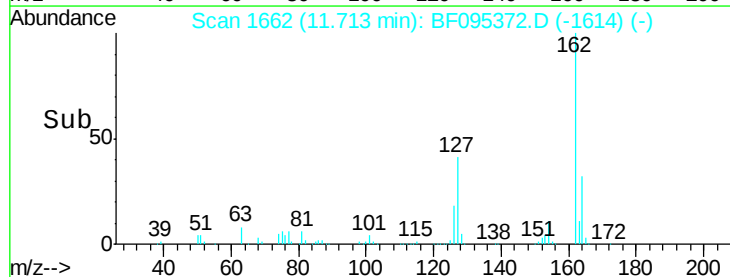
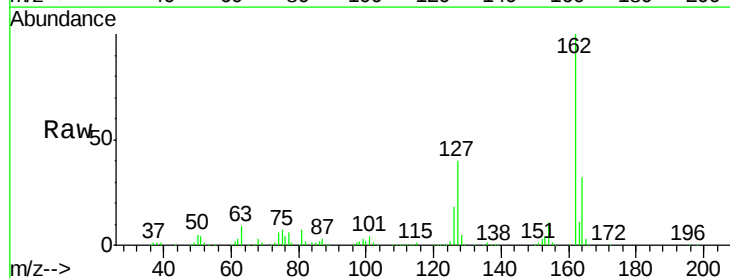
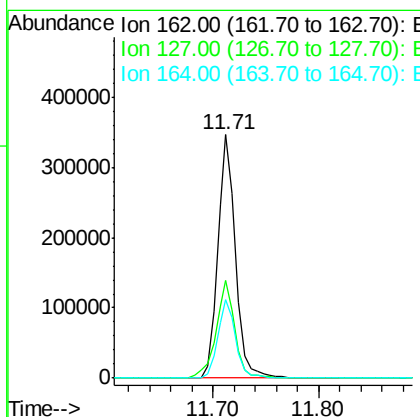
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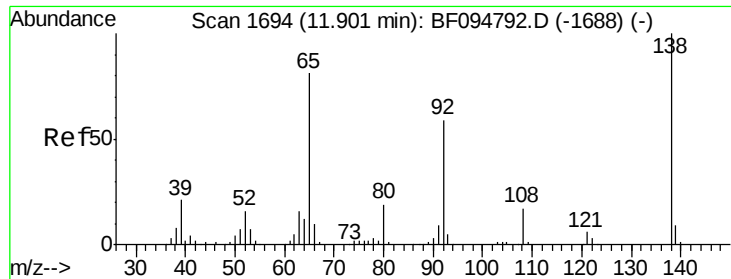
mohammad
 5/24/2017 4:43:28 PM



#46
 2-Chloronaphthalene
 Concen: 28.72 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	28.3	42.5
164	32.1	27.0	40.4





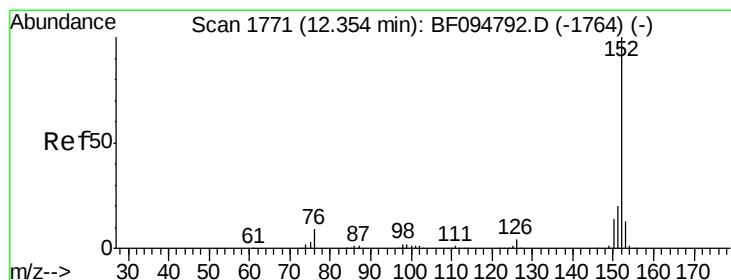
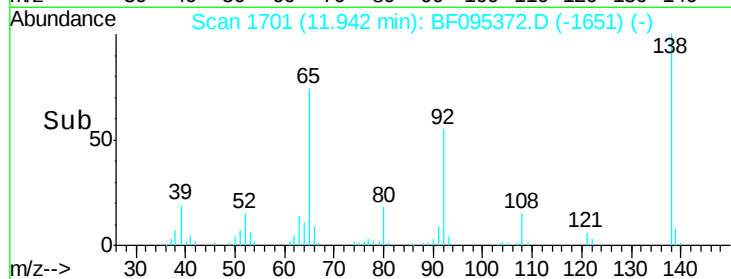
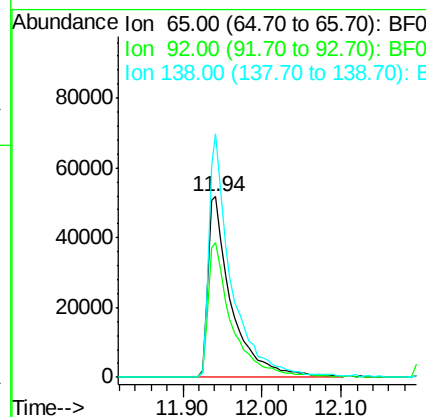
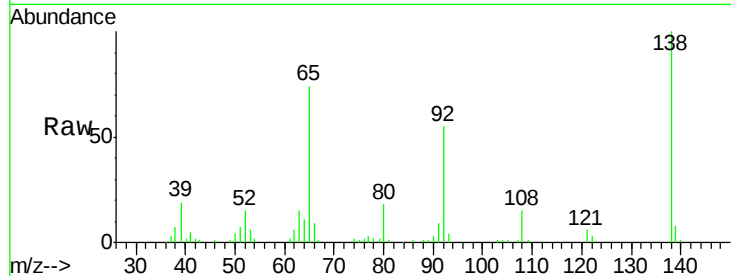
#47
 2-Nitroaniline
 Concen: 27.72 ng
 RT: 11.94 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	53.9	80.9
138	134.8	78.8	118.2

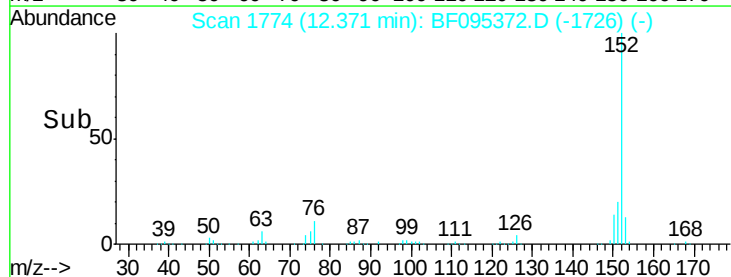
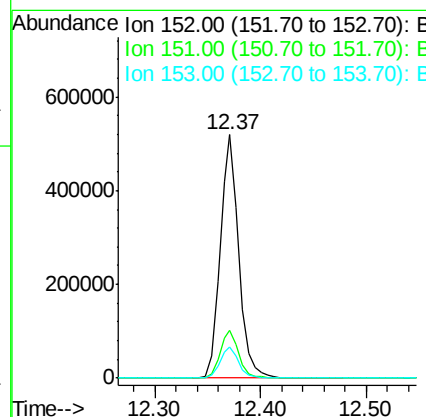
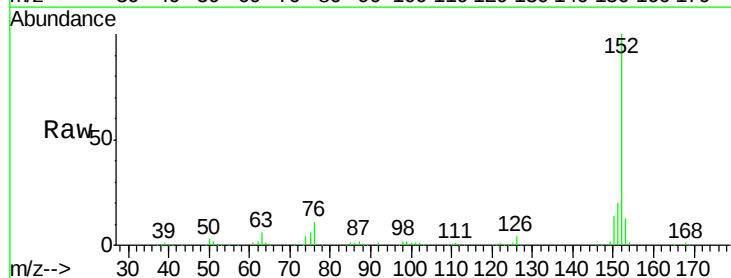
Manual Integrations
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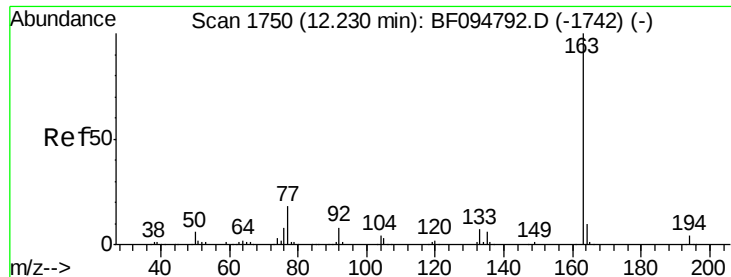
mohammad
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#48
 Acenaphthylene
 Concen: 28.83 ng
 RT: 12.37 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	13.0	10.8	16.2





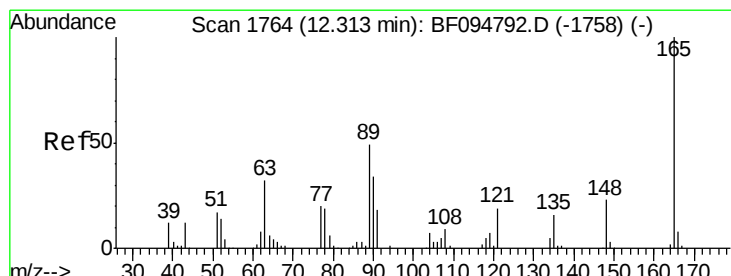
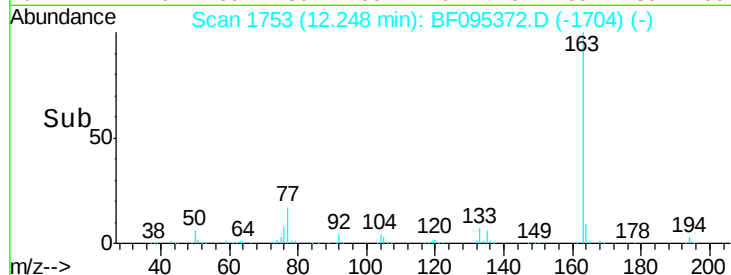
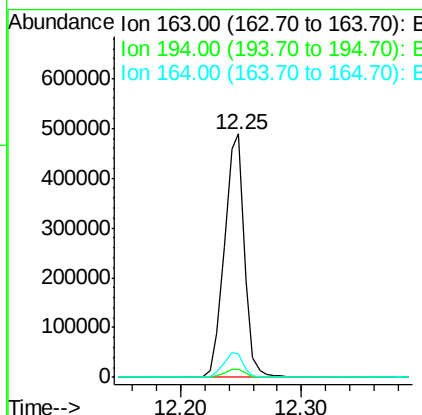
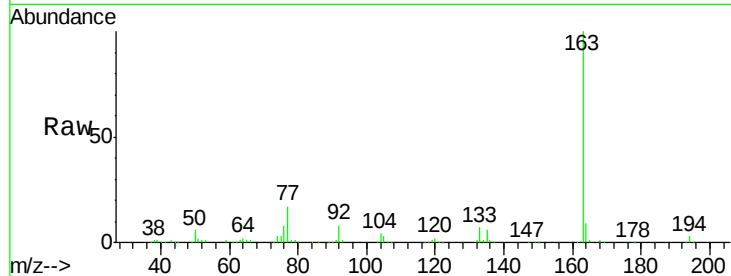
#49
Dimethylphthalate
Concen: 32.58 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	557491		
194	3.4	2.6	4.0	
164	9.5	8.4	12.6	

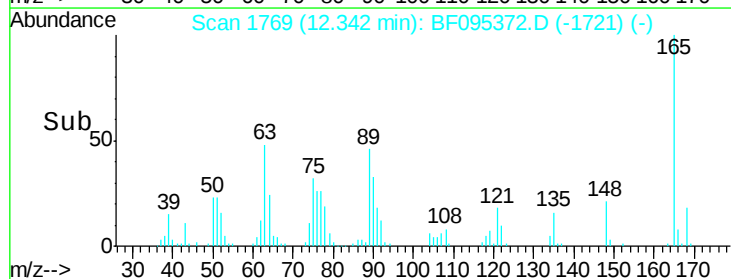
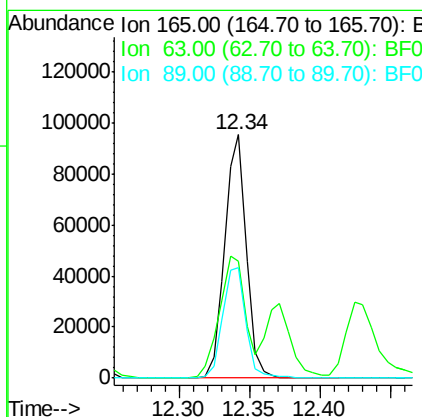
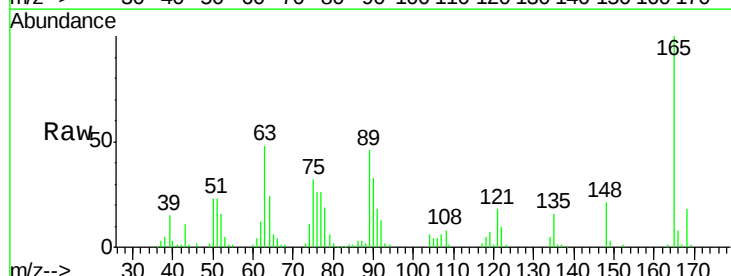
Manual Integrations
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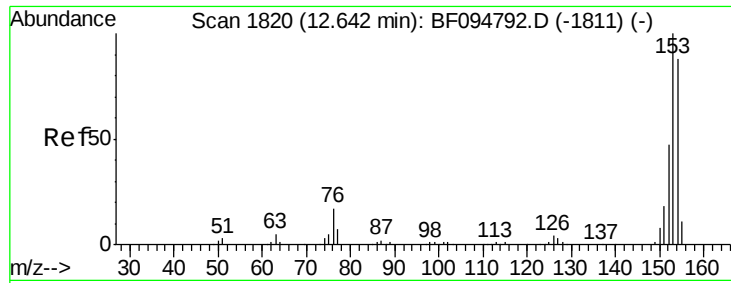
mohammad
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#50
2,6-Dinitrotoluene
Concen: 29.01 ng
RT: 12.34 min Scan# 1769
Delta R.T. -0.02 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	101295		
63	47.9	34.3	51.5	
89	45.5	37.1	55.7	





#51

Acenaphthene

Concen: 28.83 ng

RT: 12.65 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF095372.D

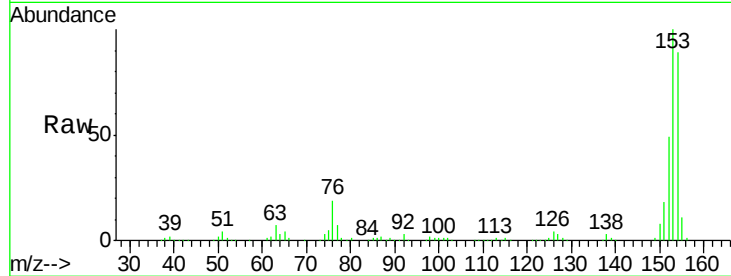
Acq: 24 May 2017 4:50

Instrument :

BNA_F

ClientSampleId :

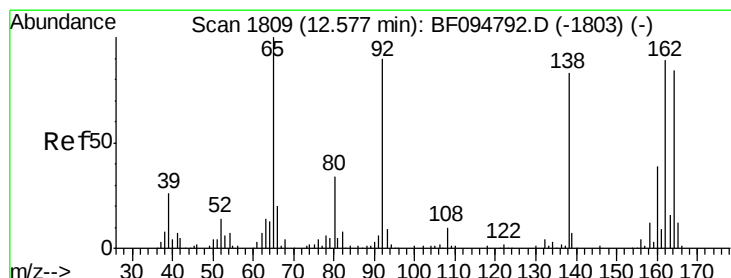
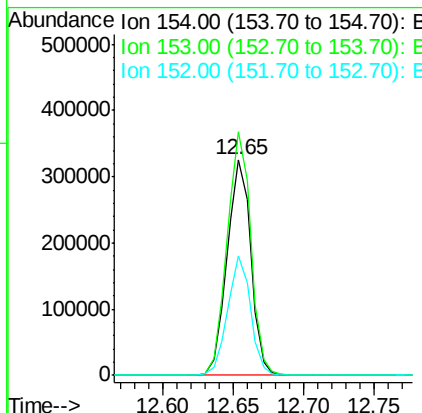
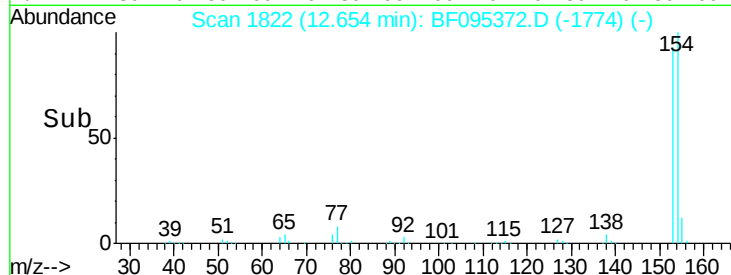
SB-02-COMPMSD



Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.5	135.7
152	55.3	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 17.94 ng

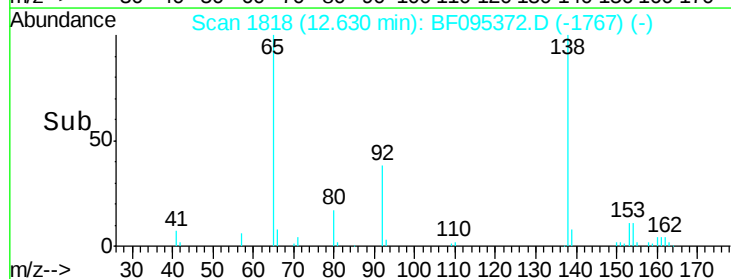
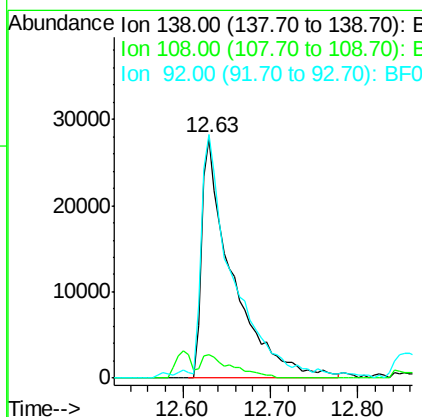
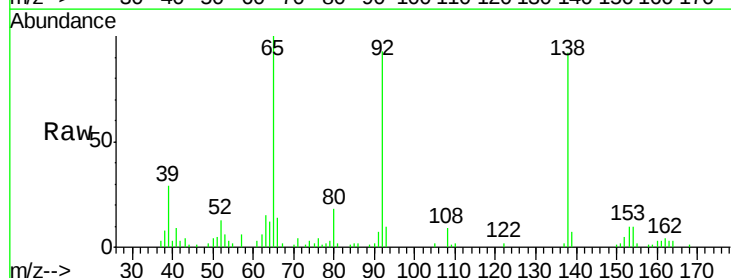
RT: 12.63 min Scan# 1818

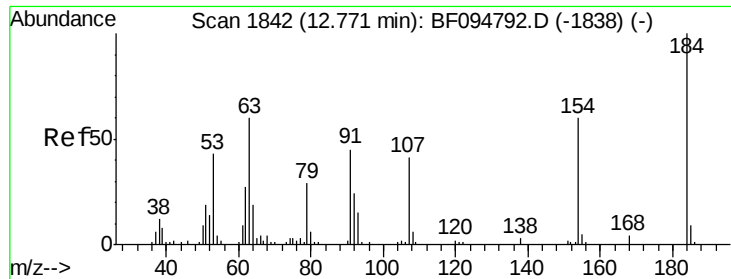
Delta R.T. -0.00 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.1	13.7
92	101.5	93.8	140.6





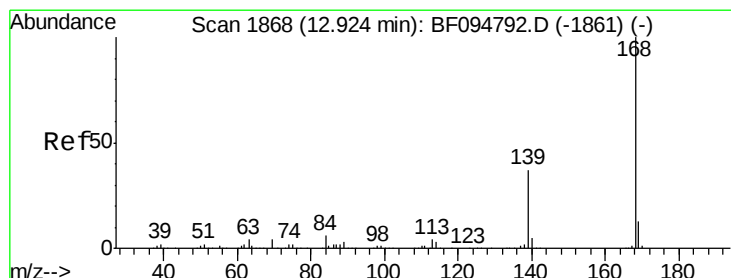
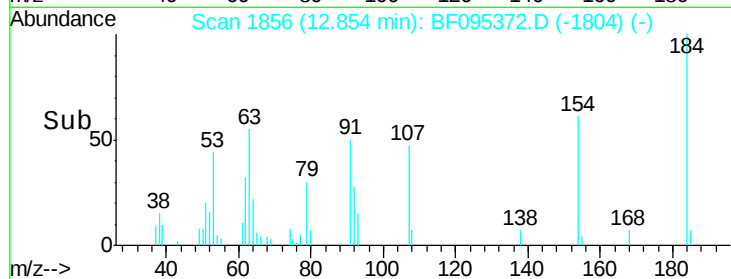
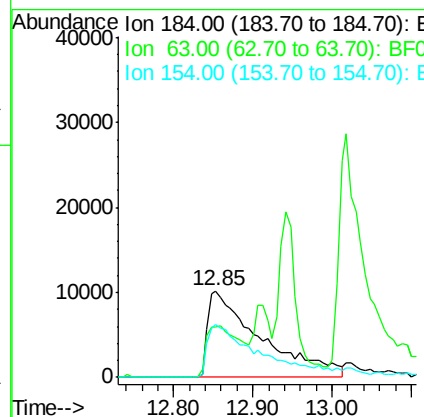
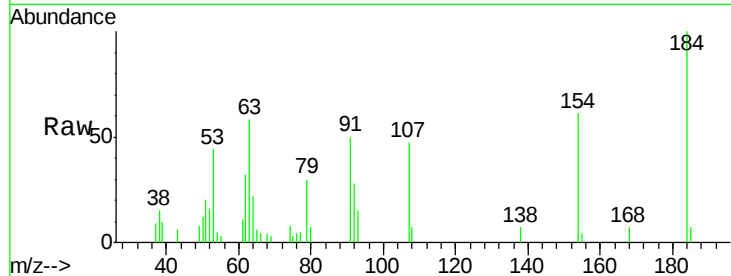
#53
 2,4-Dinitrophenol
 Concen: 28.83 ng
 RT: 12.85 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.1	62.7	94.1#
154	61.2	81.1	121.7#

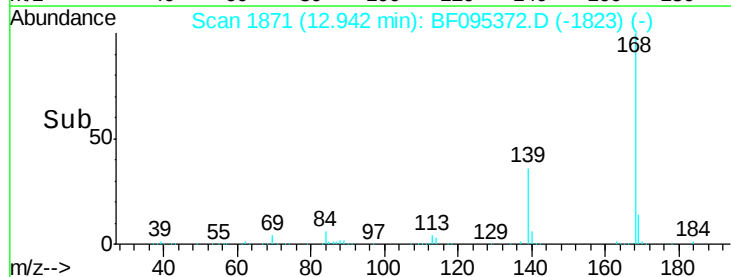
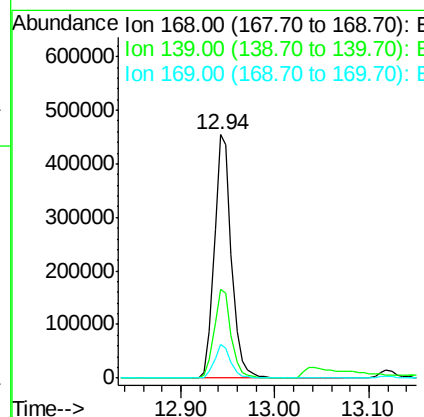
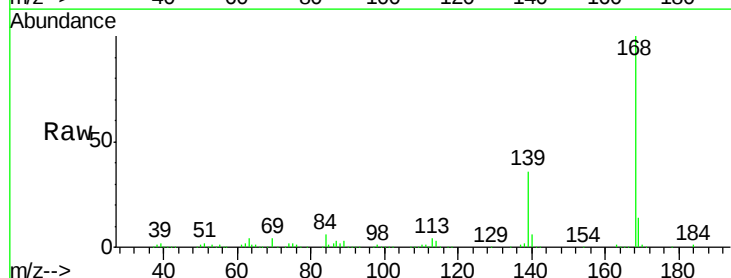
Manual Integrations
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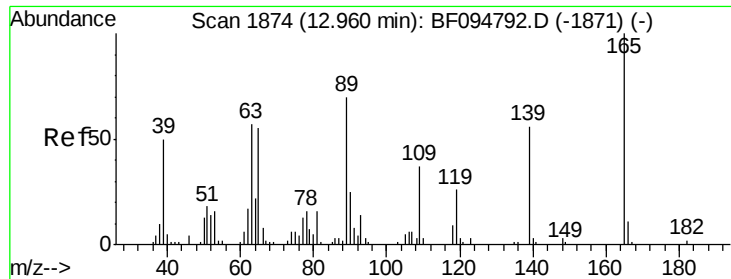
mohammad
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#54
 Dibenzofuran
 Concen: 31.82 ng
 RT: 12.94 min Scan# 1871
 Delta R.T. -0.02 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.6	45.8
169	13.6	10.8	16.2





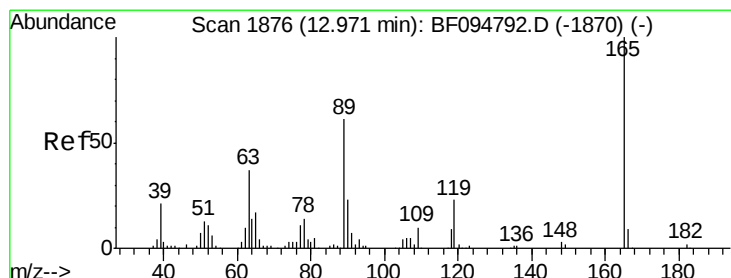
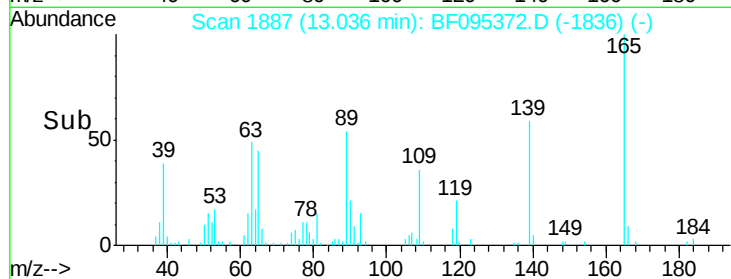
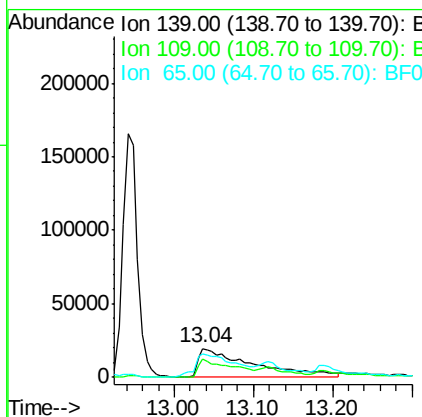
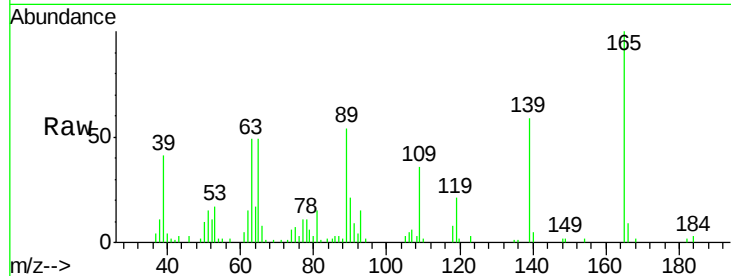
#55
4-Nitrophenol
Concen: 39.65 ng
RT: 13.04 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	89230		
109	61.7	34.1	74.1	
65	83.1	31.4	71.4	#

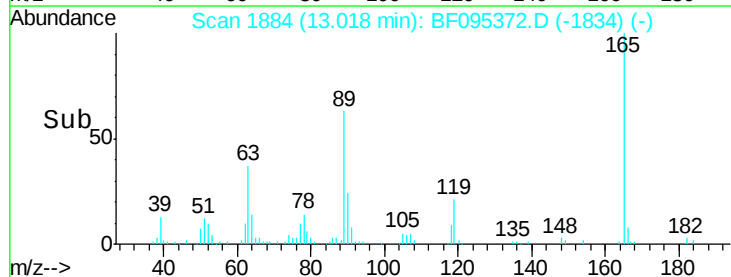
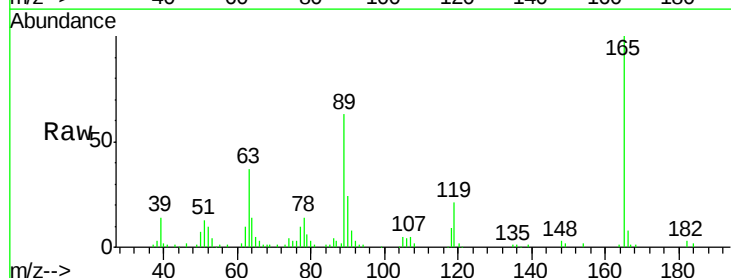
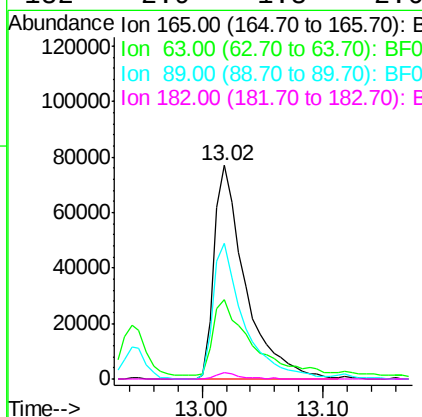
Manual Integrations
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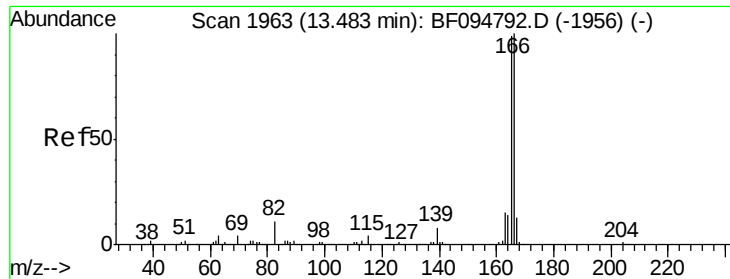
mohammad
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#56
2,4-Dinitrotoluene
Concen: 30.65 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	137510		
63	37.2	25.4	38.0	
89	63.5	46.4	69.6	
182	2.9	1.8	2.6	#





#57

Fluorene

Concen: 27.92 ng

RT: 13.50 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Instrument :

BNA_F

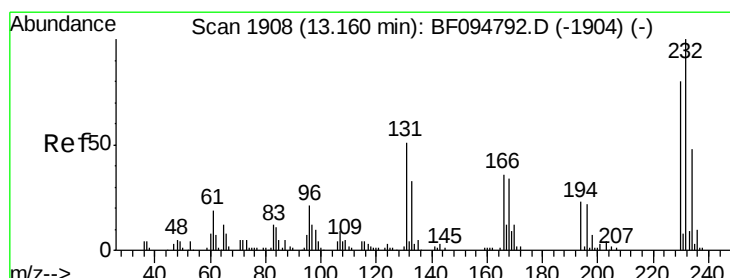
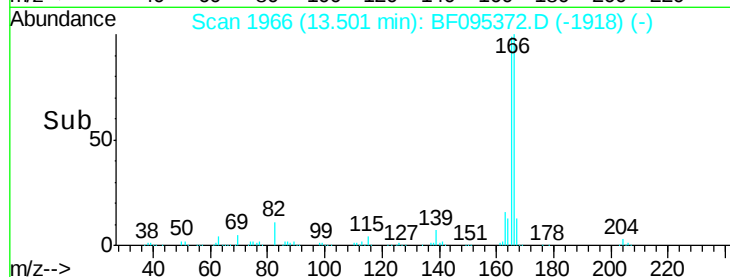
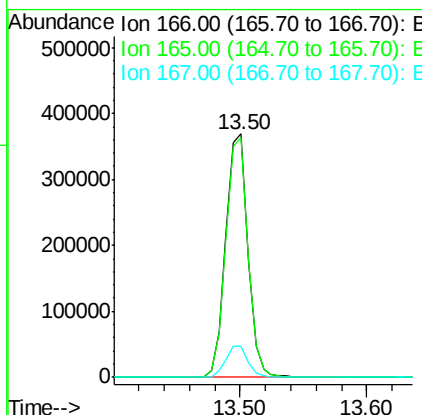
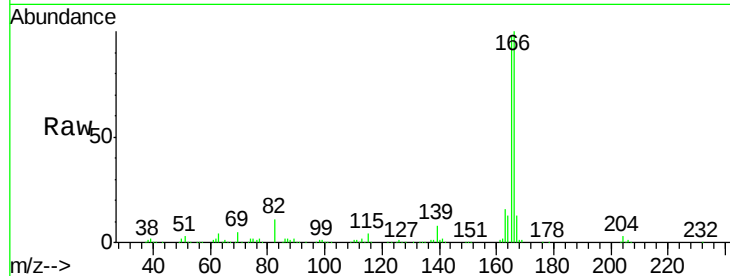
ClientSampleId :

SB-02-COMPMSD

Tgt Ion:	166	Resp:	445400
Ion Ratio		Lower	Upper
166	100		
165	98.4	78.8	118.2
167	12.9	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 30.78 ng

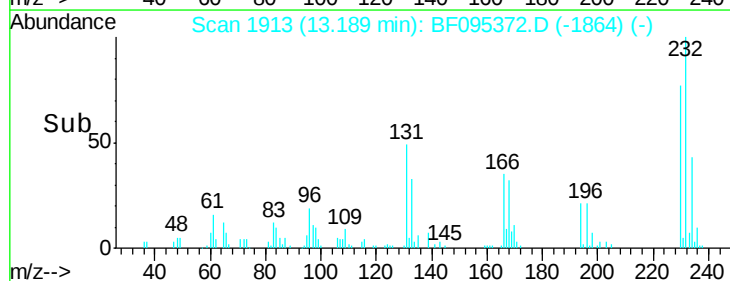
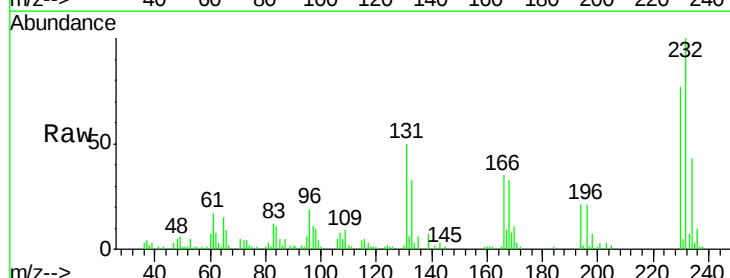
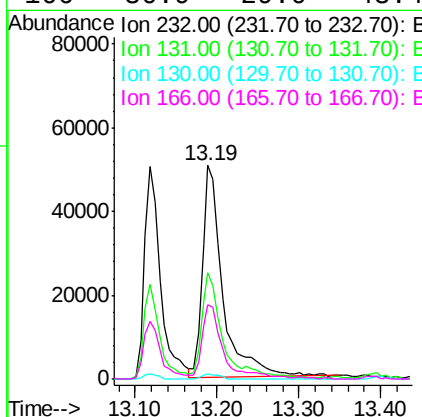
RT: 13.19 min Scan# 1913

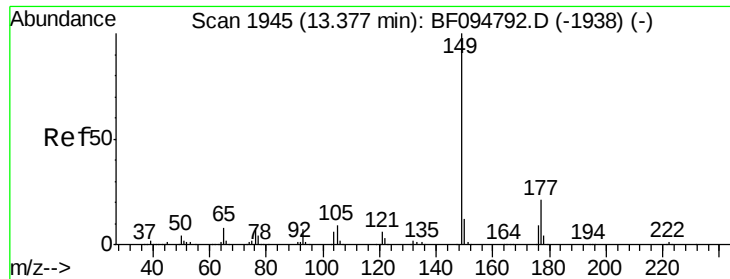
Delta R.T. -0.01 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Tgt Ion:	232	Resp:	89101
Ion Ratio		Lower	Upper
232	100		
131	49.5	44.8	67.2
130	2.0	2.3	3.5#
166	36.9	29.0	43.4





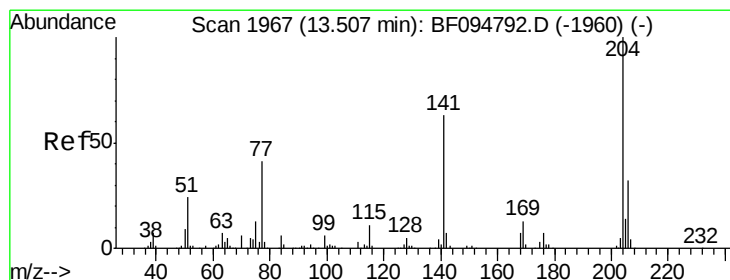
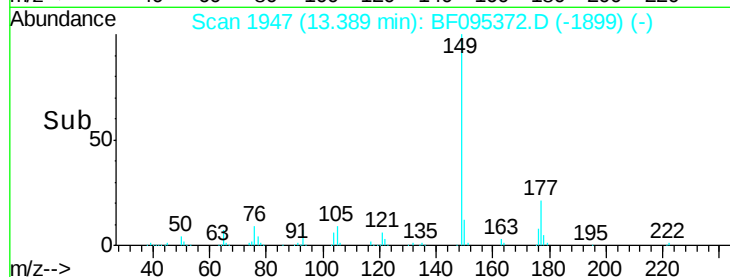
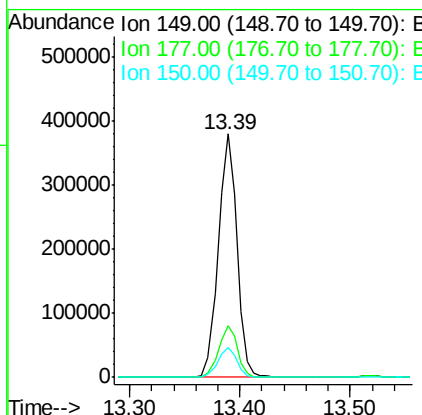
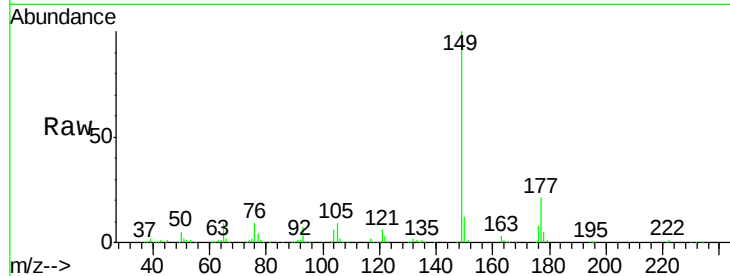
#59
Diethylphthalate
Concen: 27.20 ng
RT: 13.39 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.7	25.1
150	12.2	10.2	15.2

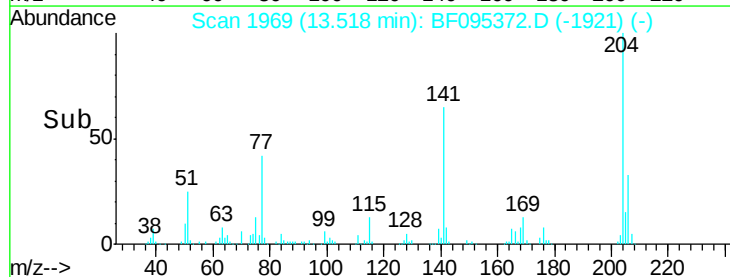
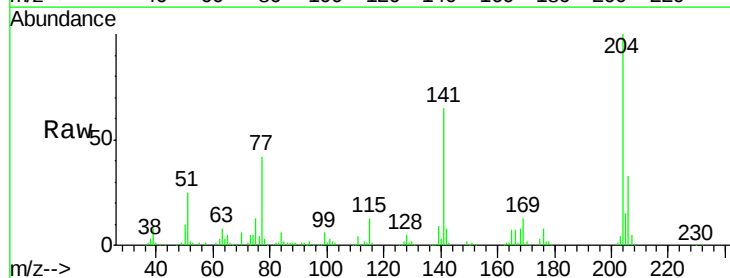
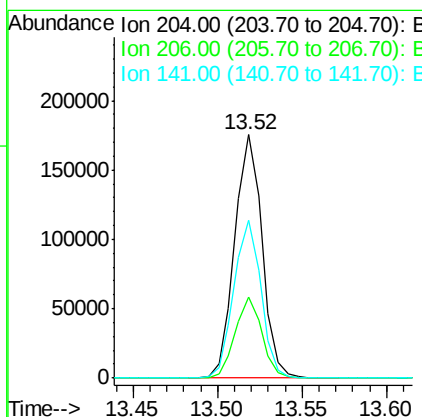
Manual Integrations
APPROVED

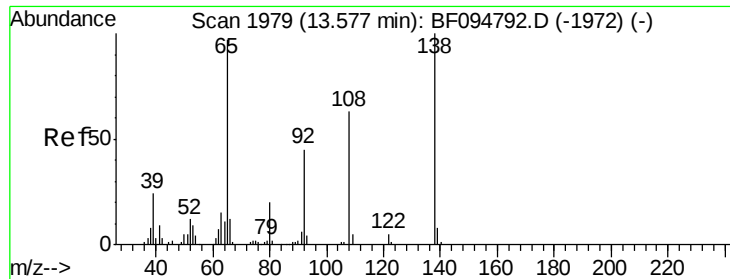
mohammad
5/24/2017 4:43:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 28.21 ng
RT: 13.52 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	64.8	60.8	91.2





#61

4-Nitroaniline

Concen: 19.73 ng

RT: 13.63 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF095372.D

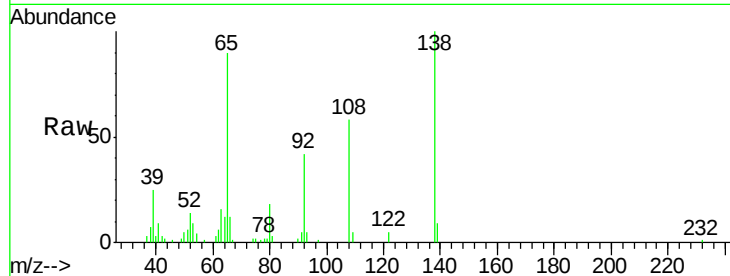
Acq: 24 May 2017 4:50

Instrument :

BNA_F

ClientSampleId :

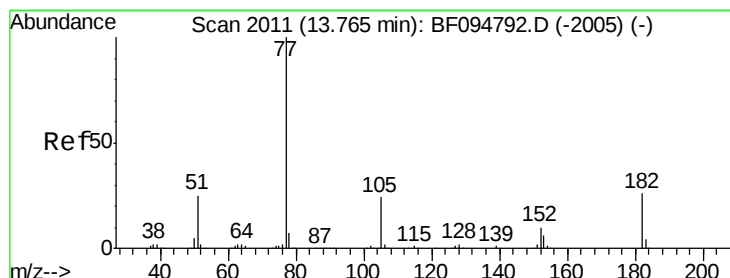
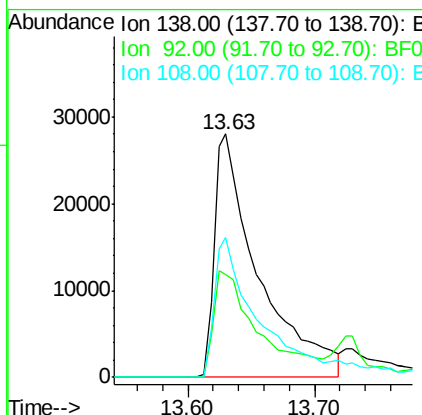
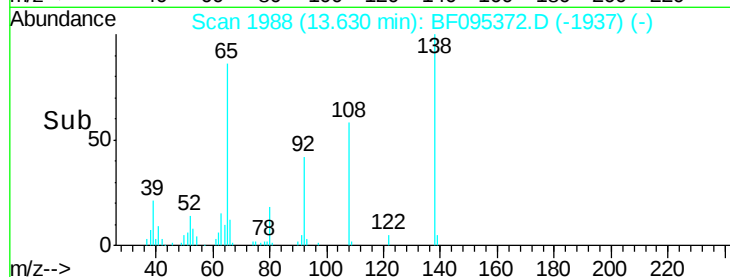
SB-02-COMPMSD



Tgt Ion:	138	Resp:	67880
Ion Ratio	Lower	Upper	
138	100		
92	42.0	21.8	61.8
108	57.5	42.3	82.3

Manual Integrations
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#62

Azobenzene

Concen: 28.92 ng

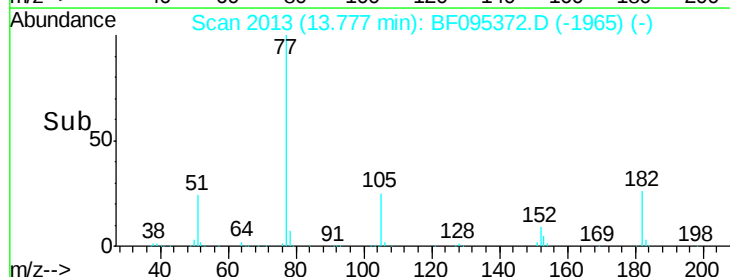
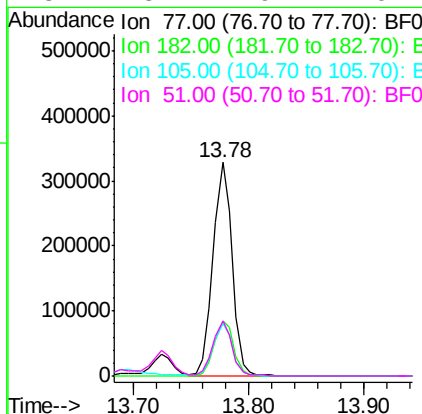
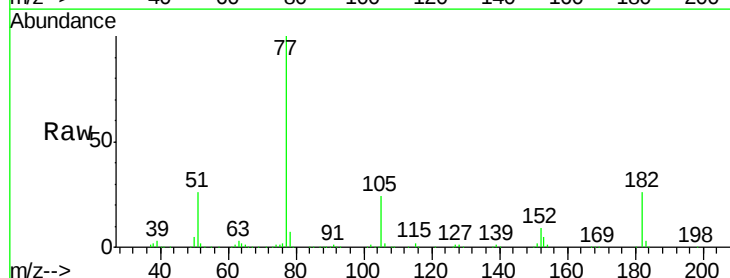
RT: 13.78 min Scan# 2013

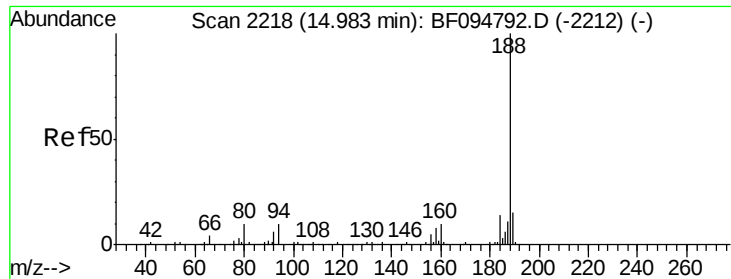
Delta R.T. -0.02 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Tgt Ion:	77	Resp:	381147
Ion Ratio	Lower	Upper	
77	100		
182	25.7	0.1	40.1
105	24.4	3.6	43.6
51	25.7	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Instrument :

BNA_F

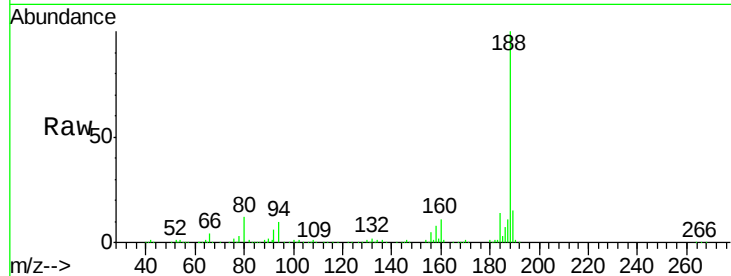
ClientSampleId :

SB-02-COMPMSD

Tgt Ion:	188	Resp:	332944
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.4	14.2
80	11.5	10.2	15.2

Manual Integrations
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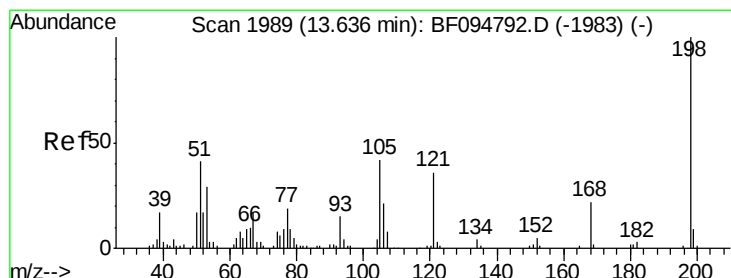
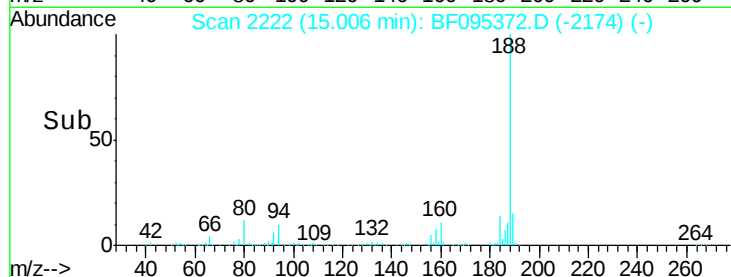
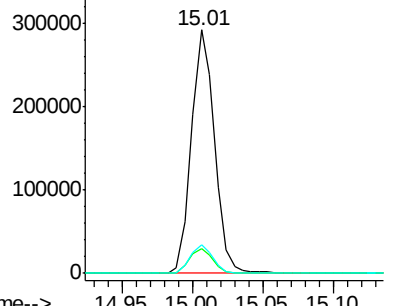
mohammad
5/24/2017 4:43:28 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 19.14 ng

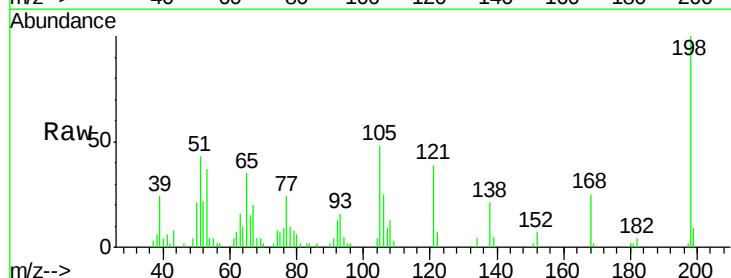
RT: 13.69 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

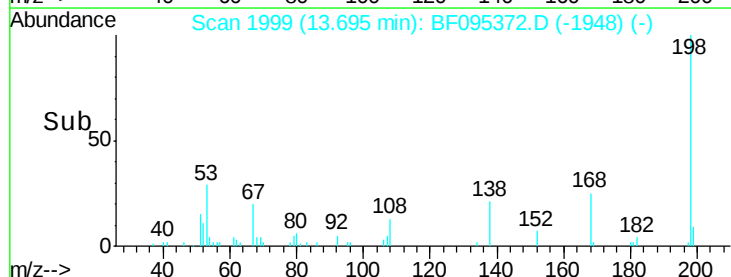
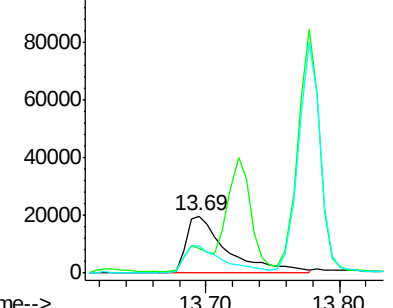
Tgt Ion:	198	Resp:	42715
Ion Ratio	Lower	Upper	
198	100		
51	43.1	53.2	93.2#
105	48.4	45.8	85.8

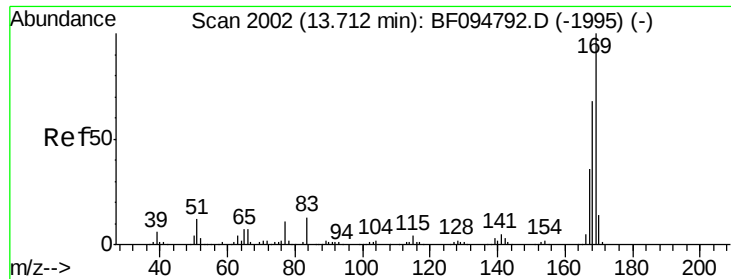


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





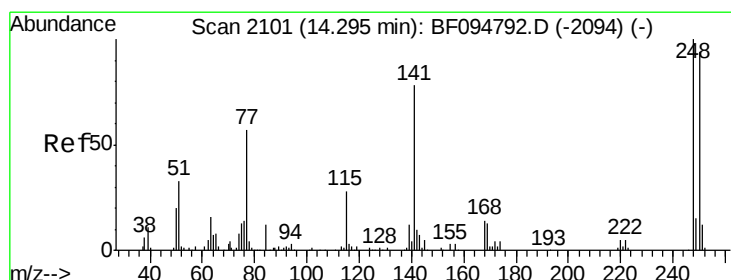
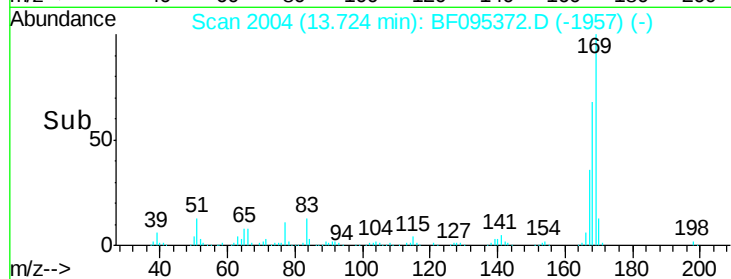
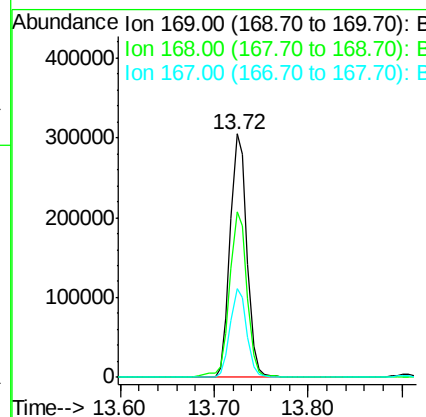
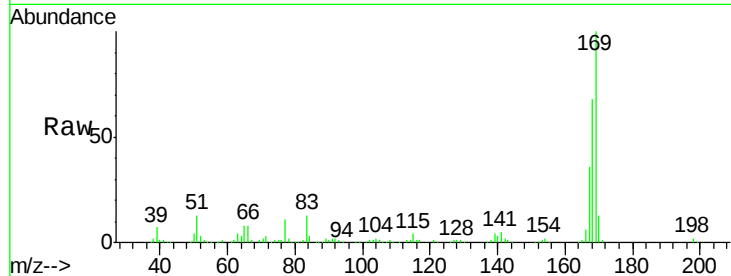
#65
n-Nitrosodiphenylamine
Concen: 31.54 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	381139		
168	68.0	53.2	79.8	
167	36.3	29.5	44.3	

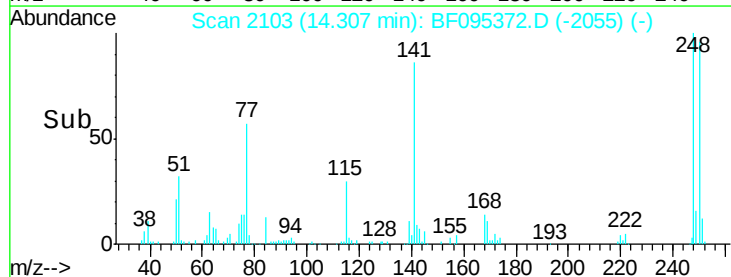
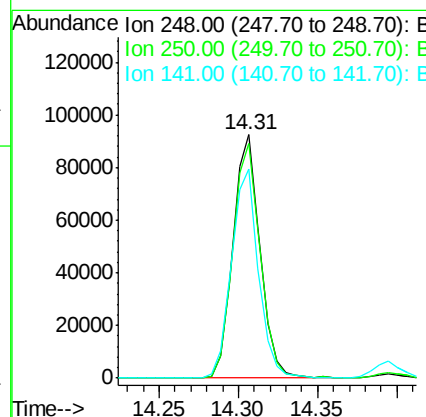
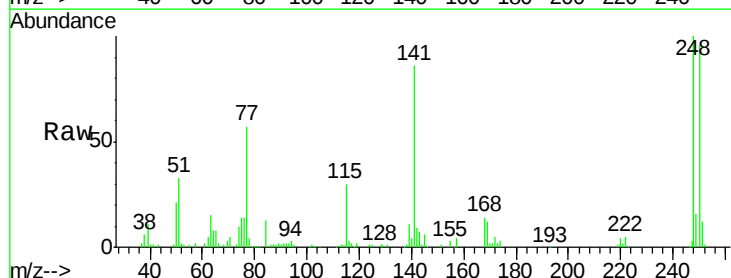
Manual Integrations
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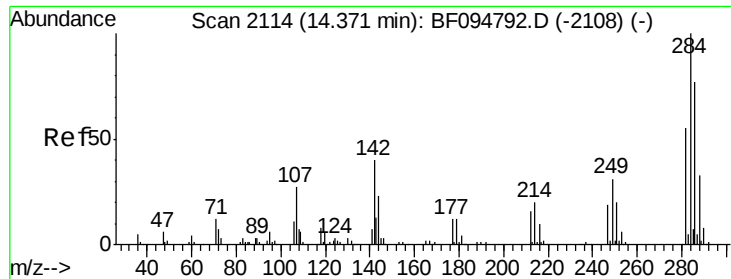
mohammad
5/24/2017 4:43:28 PM



#66
4-Bromophenyl-phenylether
Concen: 30.92 ng
RT: 14.31 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	108750		
250	96.1	76.8	115.2	
141	86.0	68.6	103.0	





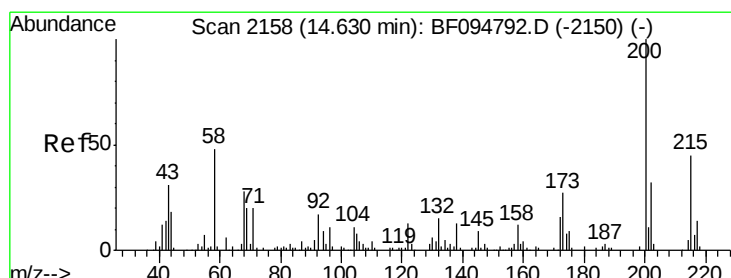
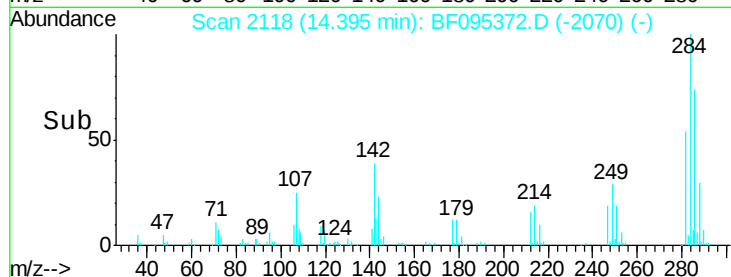
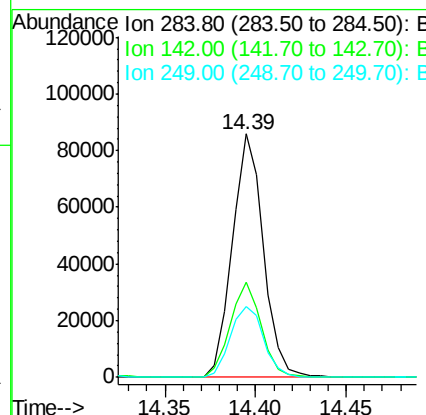
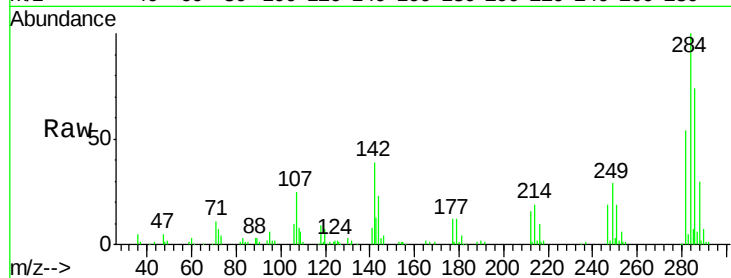
#67
Hexachlorobenzene
Concen: 28.30 ng
RT: 14.39 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	102030		
142	39.1	22.8	34.2#	
249	28.8	24.0	36.0	

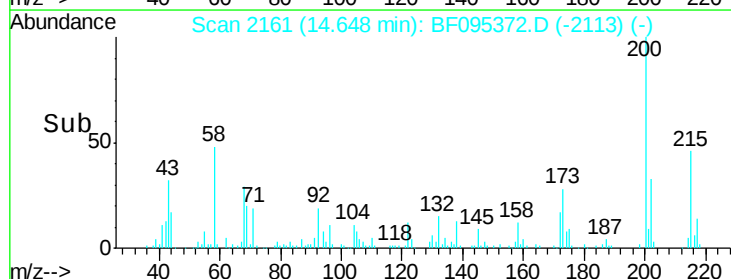
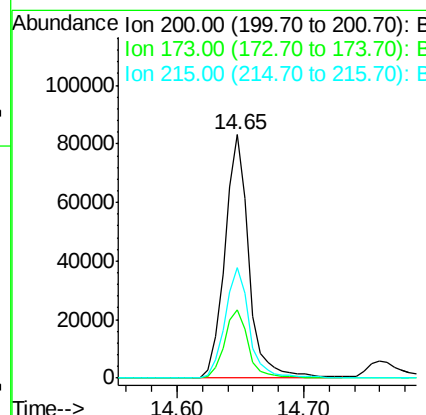
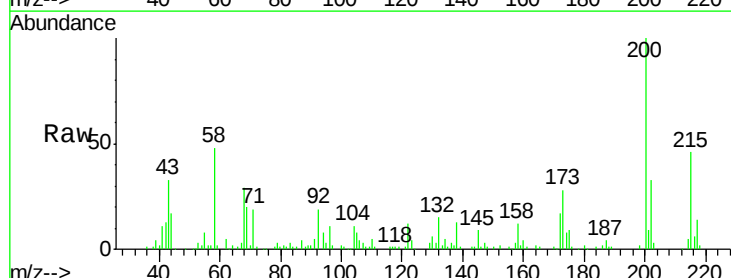
Manual Integrations
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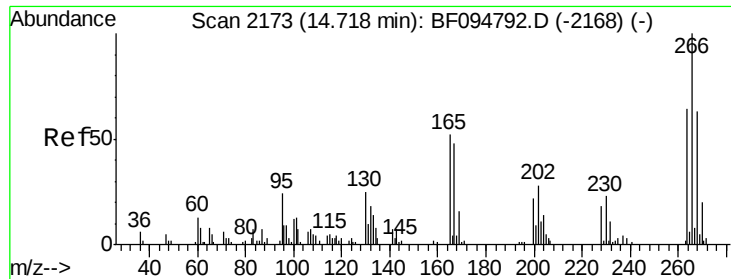
mohammad
5/24/2017 4:43:28 PM



#68
Atrazine
Concen: 32.25 ng
RT: 14.65 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	110033		
173	28.2	6.3	46.3	
215	45.6	27.2	67.2	





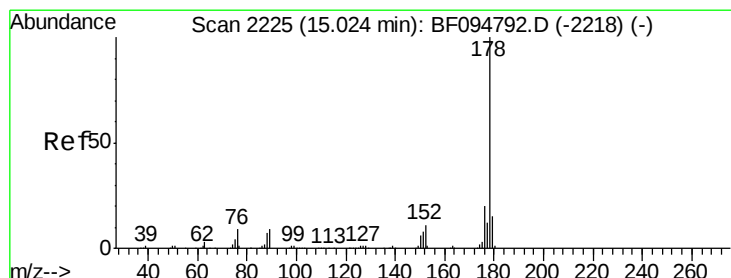
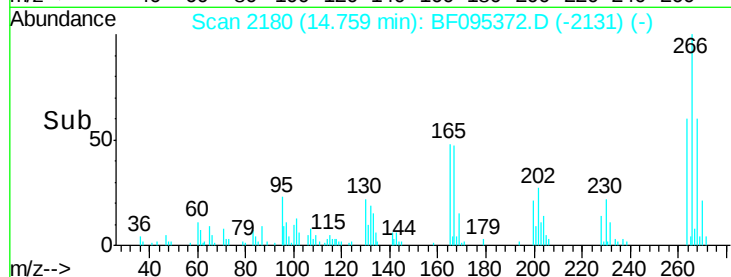
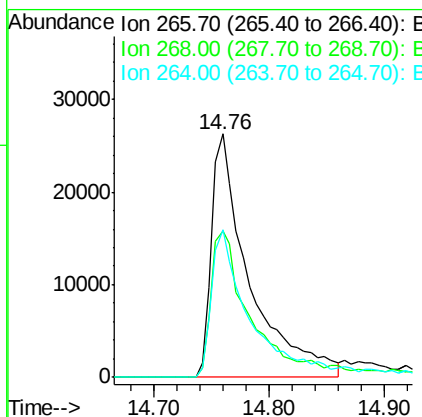
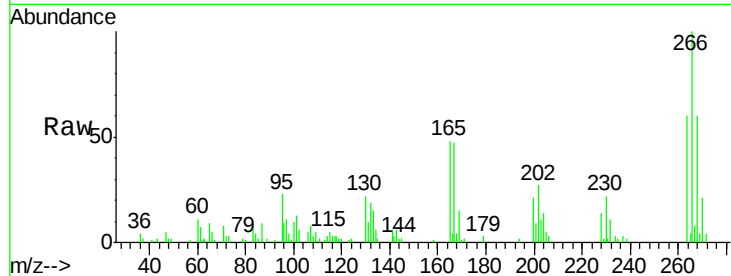
#69
 Pentachlorophenol
 Concen: 39.77 ng
 RT: 14.76 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	59642		
268	60.3	51.1	76.7	
264	60.4	51.7	77.5	

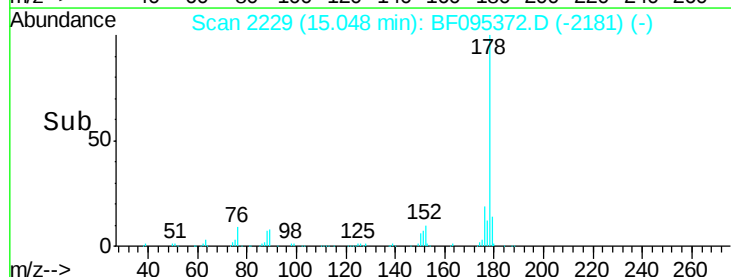
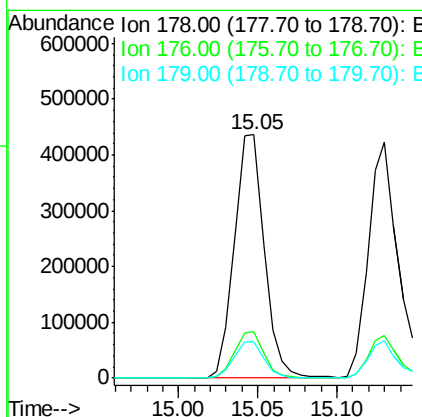
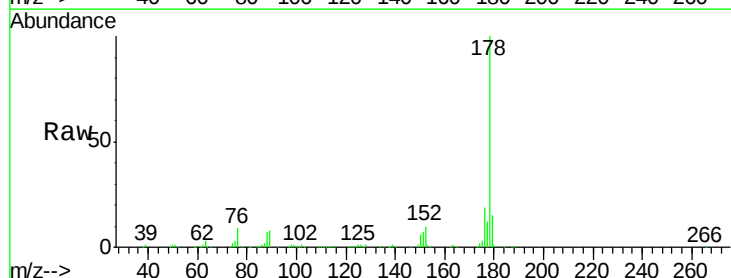
Manual Integrations
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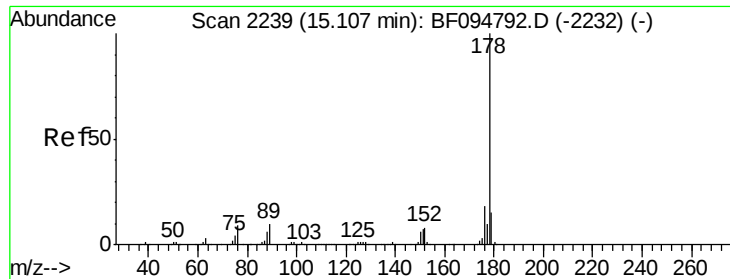
mohammad
 5/24/2017 4:43:28 PM



#70
 Phenanthrene
 Concen: 29.97 ng
 RT: 15.05 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	573321		
176	18.9	16.2	24.4	
179	14.6	12.6	19.0	





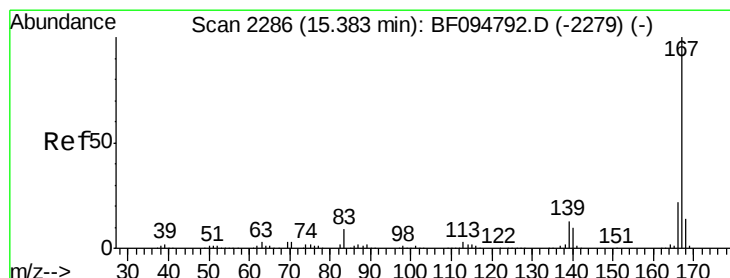
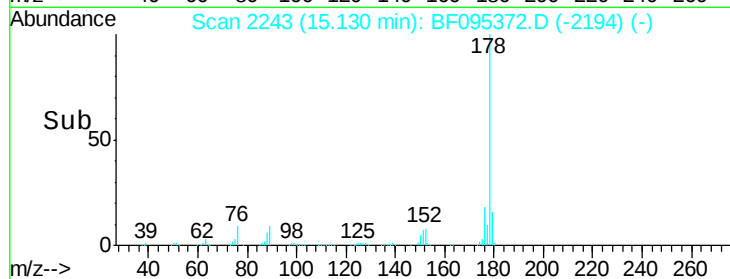
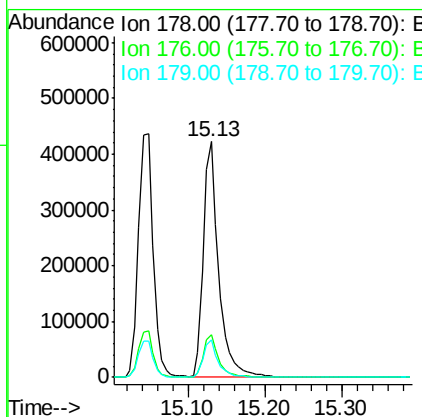
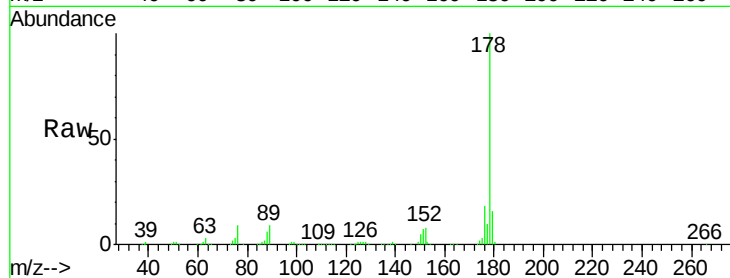
#71
 Anthracene
 Concen: 30.10 ng
 RT: 15.13 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.7	12.7	19.1

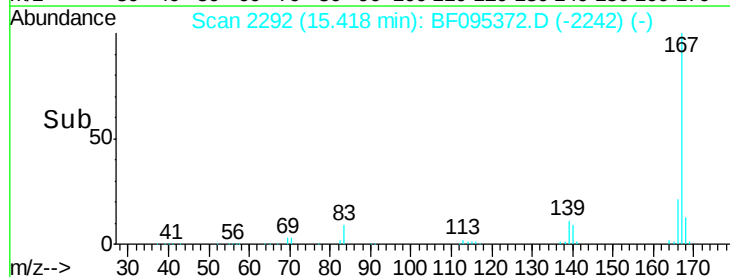
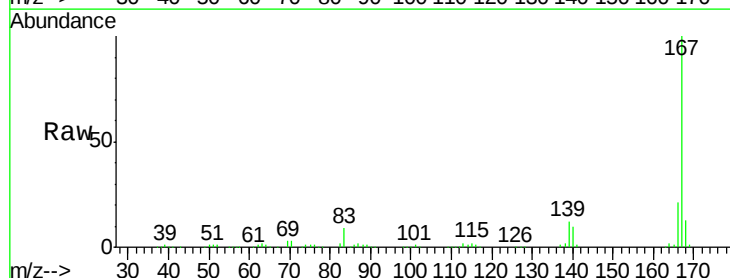
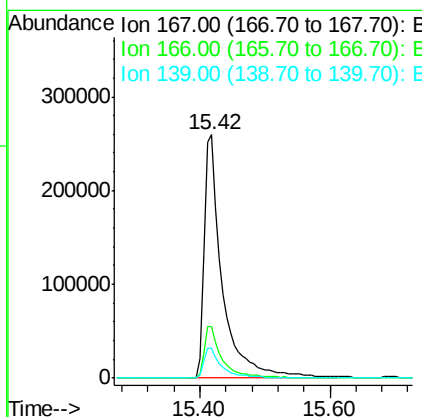
Manual Integrations
 APPROVED

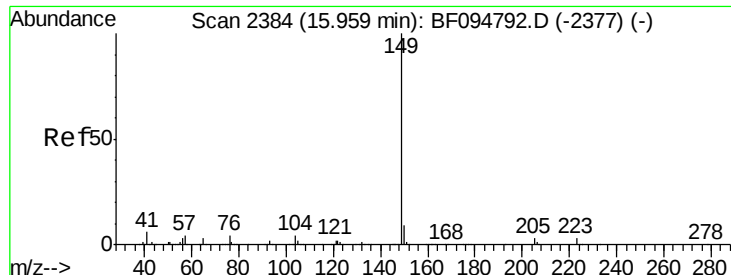
mohammad
 5/24/2017 4:43:28 PM



#72
 Carbazole
 Concen: 28.23 ng
 RT: 15.42 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.1	27.1
139	12.3	11.7	17.5





#73

Di-n-butylphthalate

Concen: 31.31 ng

RT: 15.97 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Instrument :

BNA_F

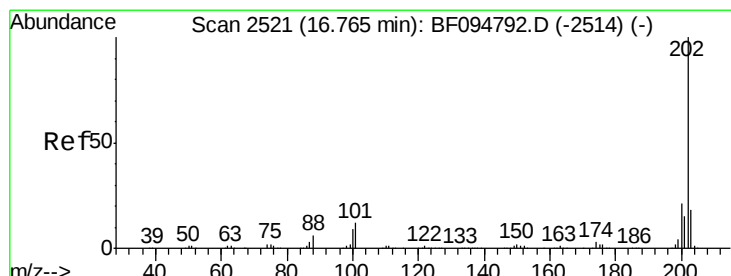
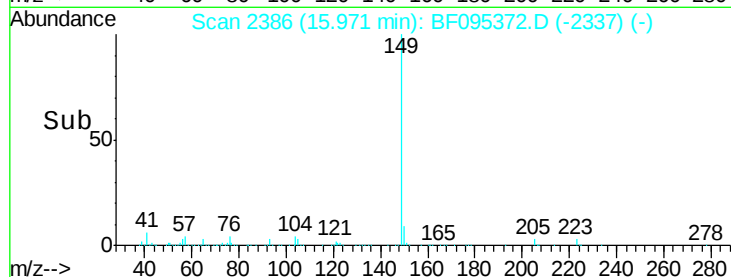
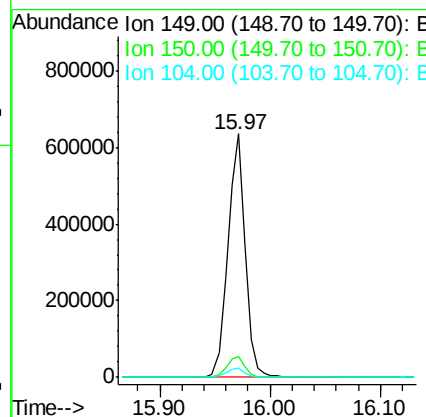
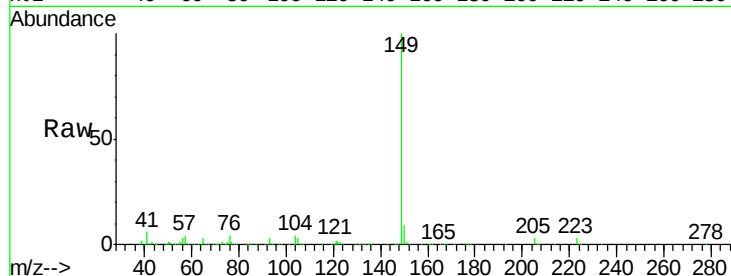
ClientSampleId :

SB-02-COMPMSD

Tgt Ion:	149	Resp:	694184
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.7	11.5
104	4.0	4.0	6.0

Manual Integrations
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mohammad
5/24/2017 4:43:28 PM



#74

Fluoranthene

Concen: 25.67 ng

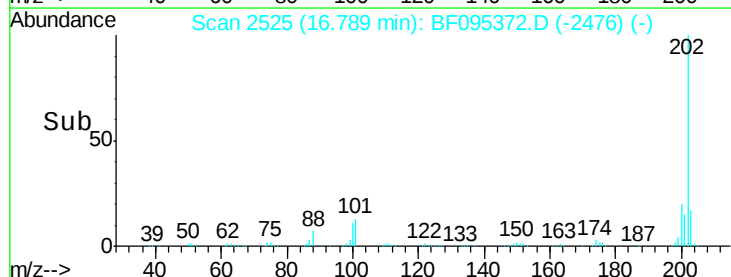
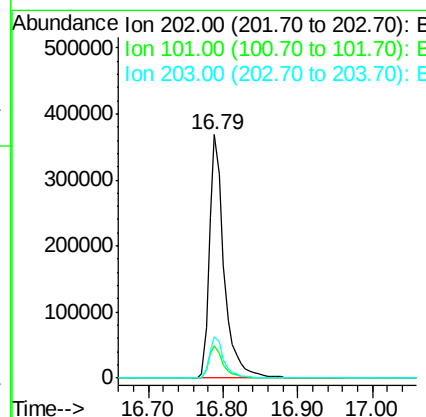
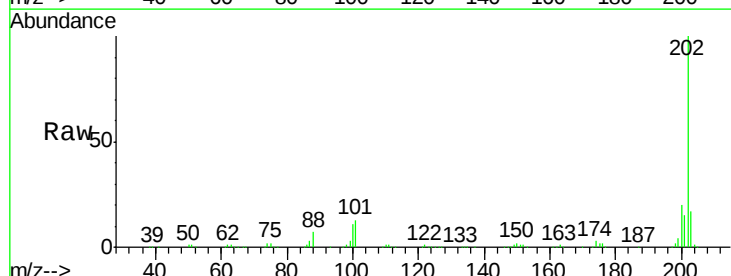
RT: 16.79 min Scan# 2525

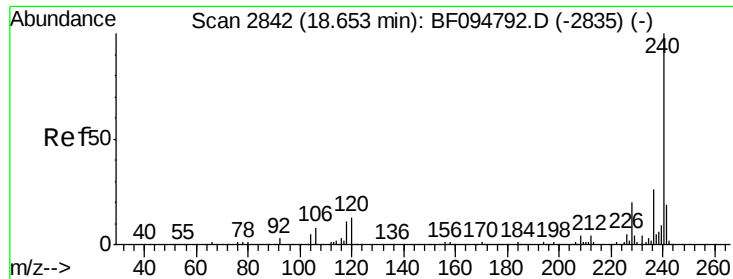
Delta R.T. -0.01 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Tgt Ion:	202	Resp:	503636
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	33.2
203	17.2	0.0	38.1





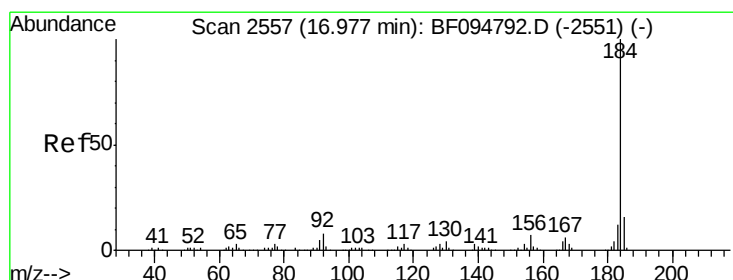
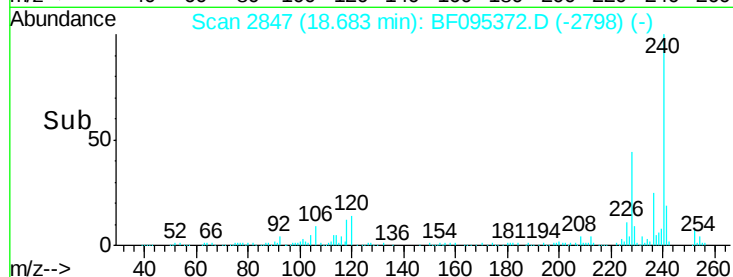
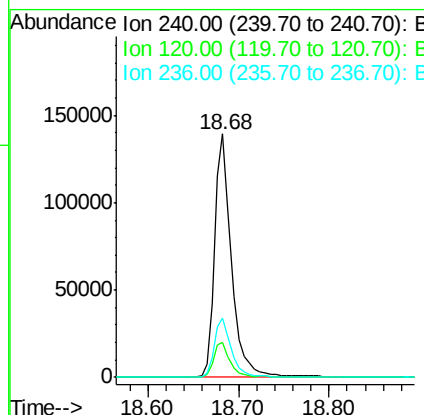
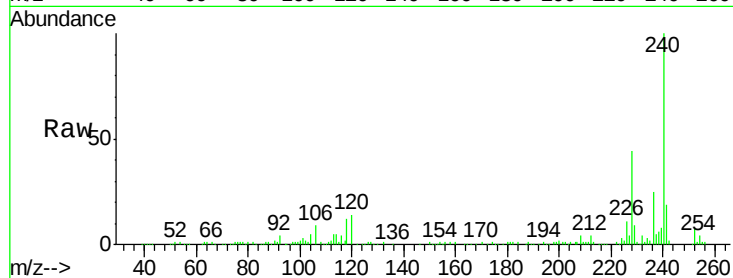
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	180791		
120	14.3	5.8	8.8#	
236	24.6	20.5	30.7	

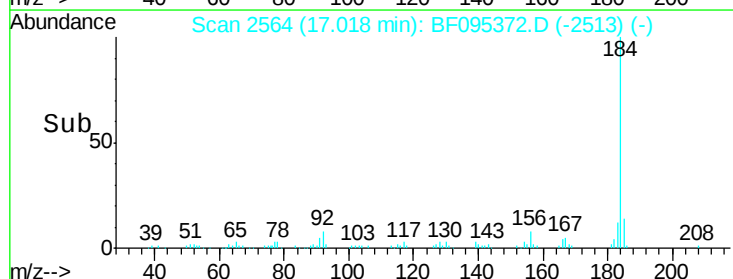
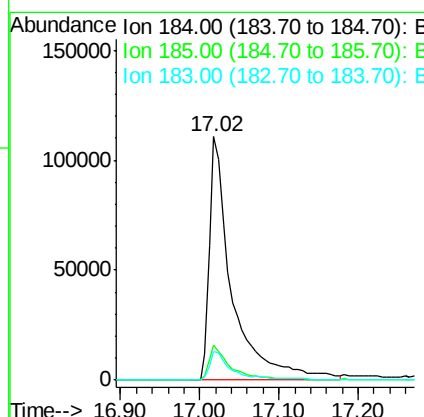
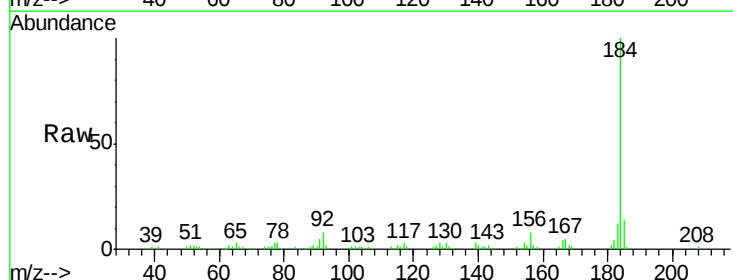
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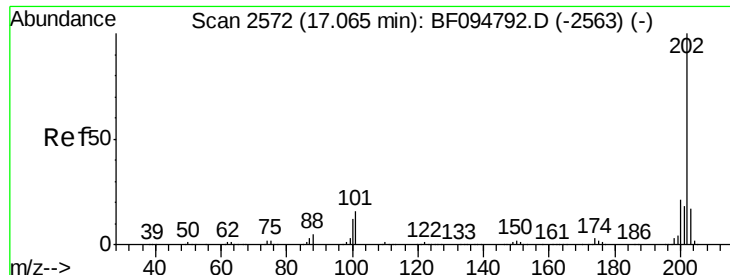
mohammad
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#76
Benzidine
Concen: 45.61 ng
RT: 17.02 min Scan# 2564
Delta R.T. -0.00 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	221165		
185	14.3	15.5	23.3#	
183	11.9	9.8	14.6	





#77

Pyrene

Concen: 35.45 ng

RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Instrument :

BNA_F

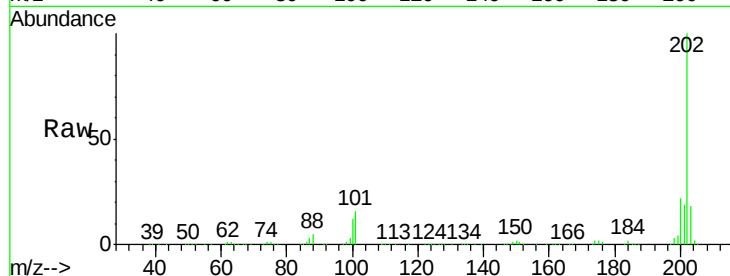
ClientSampleId :

SB-02-COMPMSD

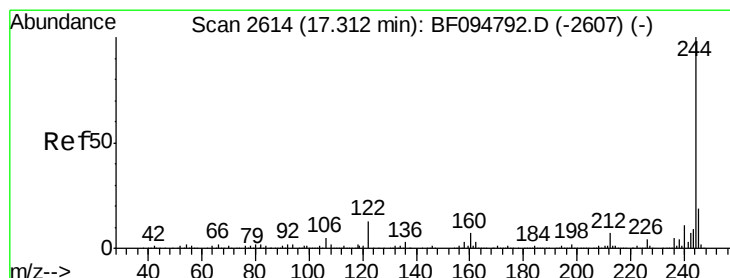
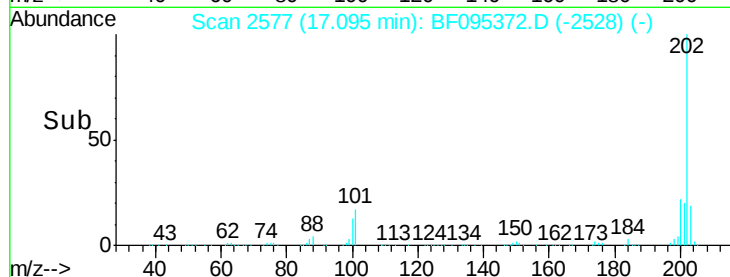
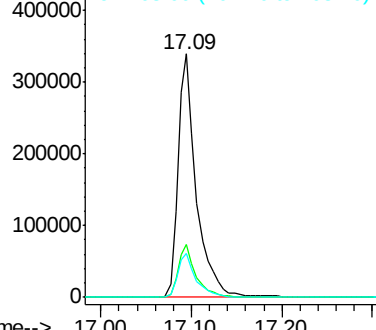
Tgt Ion:	202	Resp:	479346
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.6	26.4
203	18.1	14.4	21.6

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



#78

Terphenyl-d14

Concen: 68.64 ng

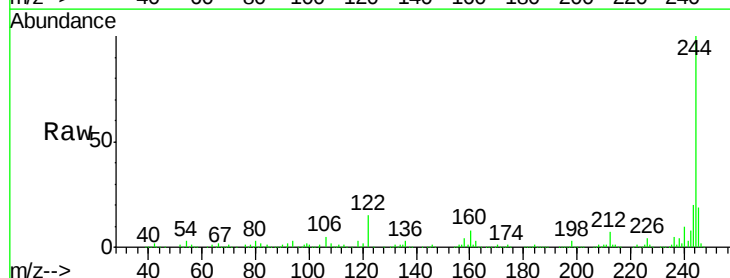
RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

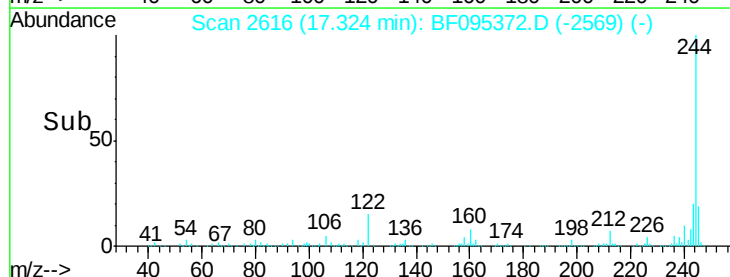
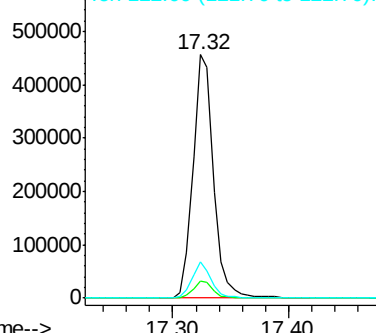
Lab File: BF095372.D

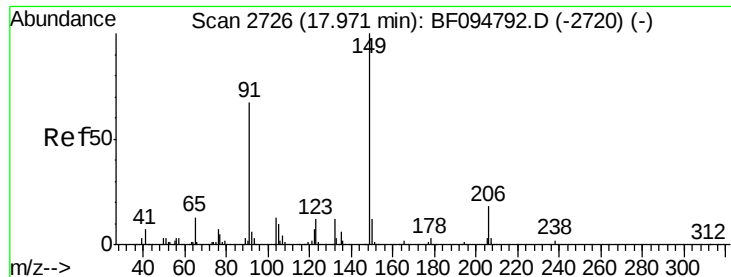
Acq: 24 May 2017 4:50

Tgt Ion:	244	Resp:	563405
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	15.1	10.3	15.5



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





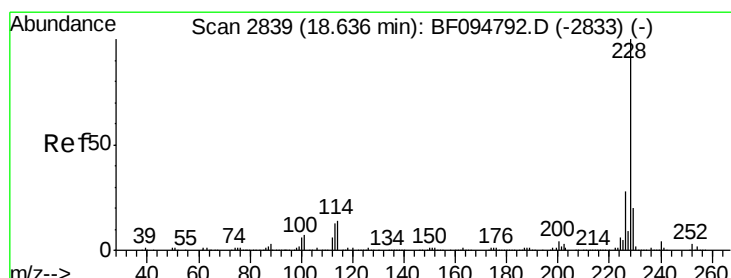
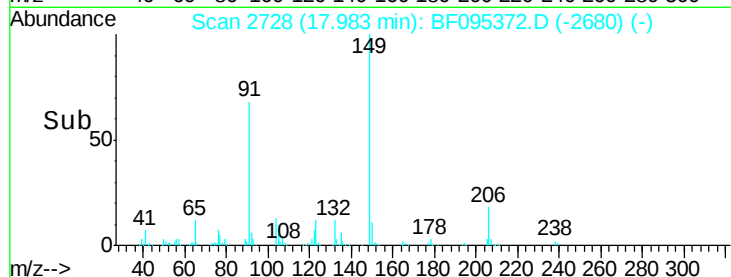
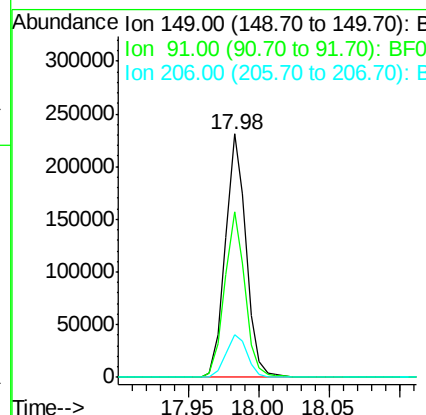
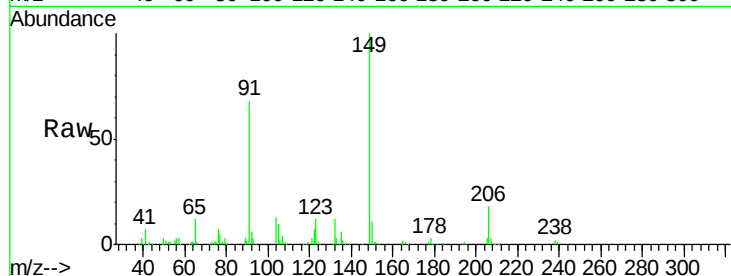
#79
Butylbenzylphthalate
Concen: 37.43 ng
RT: 17.98 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	235433		
91	67.7	45.0	67.4#	
206	17.8	17.0	25.6	

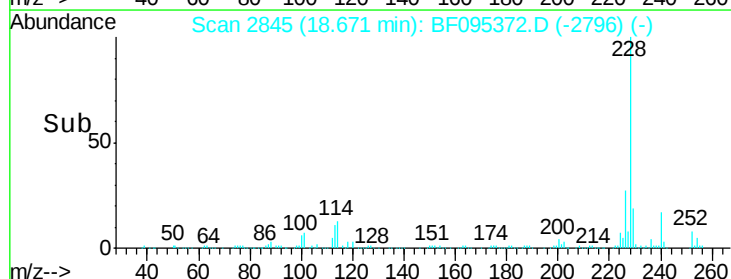
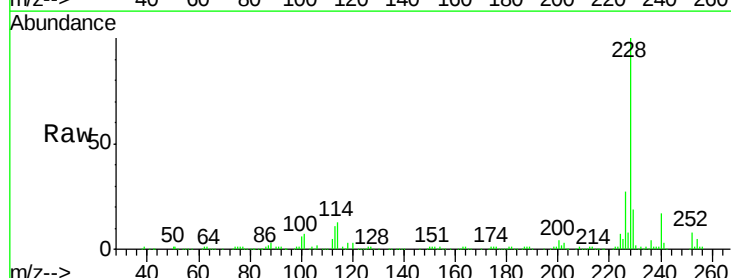
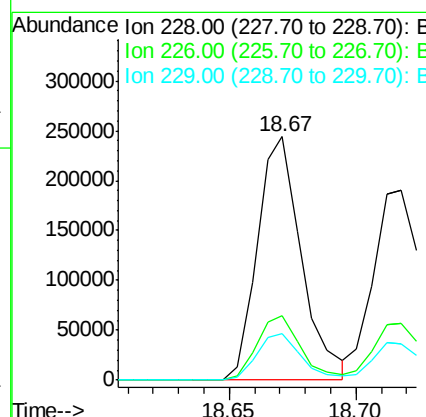
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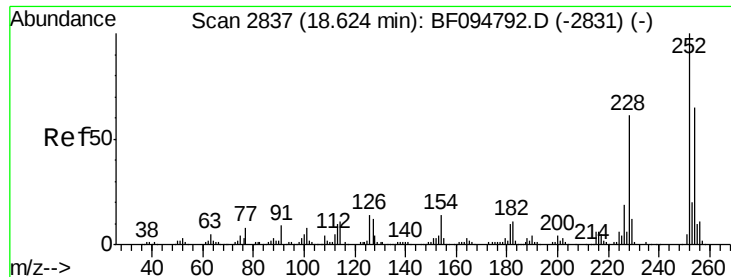
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#80
Benzo(a)anthracene
Concen: 28.18 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095372.D
Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	296549		
226	26.6	22.6	33.8	
229	19.0	16.3	24.5	





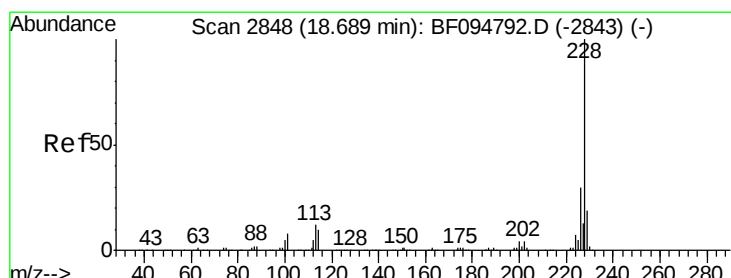
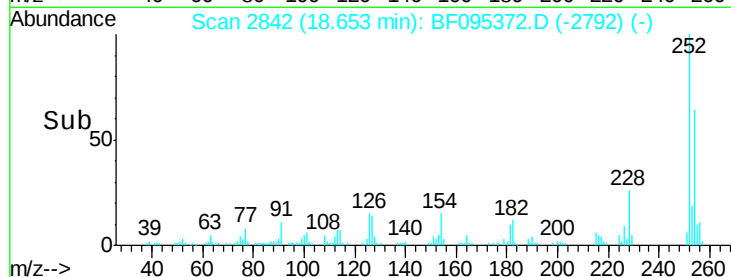
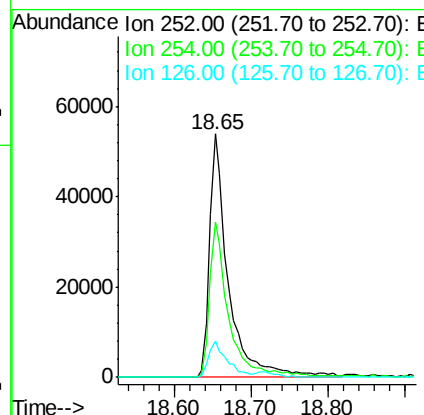
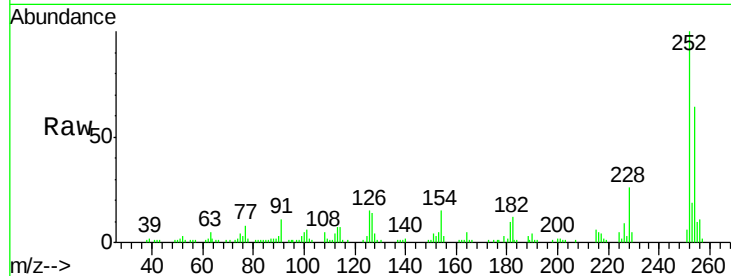
#81
 3,3'-Dichlorobenzidine
 Concen: 25.17 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	14.7	15.8	23.8

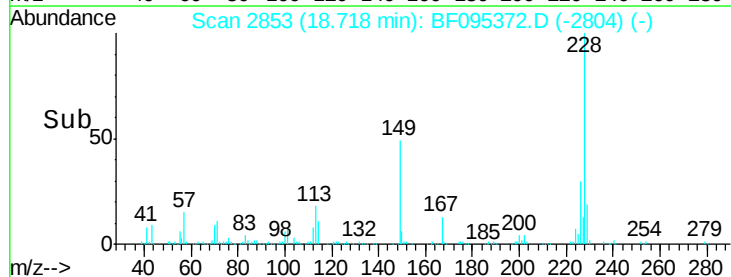
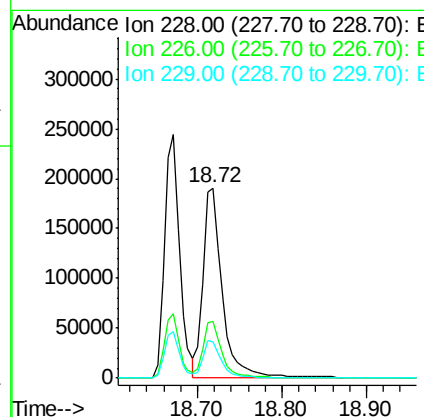
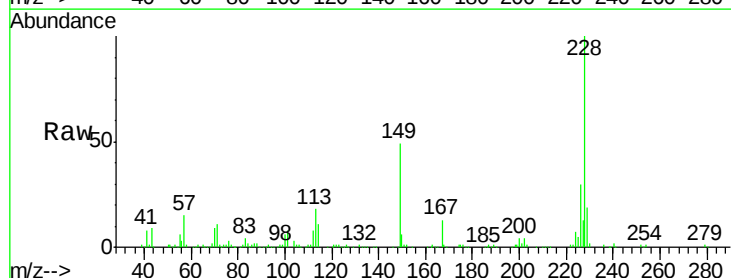
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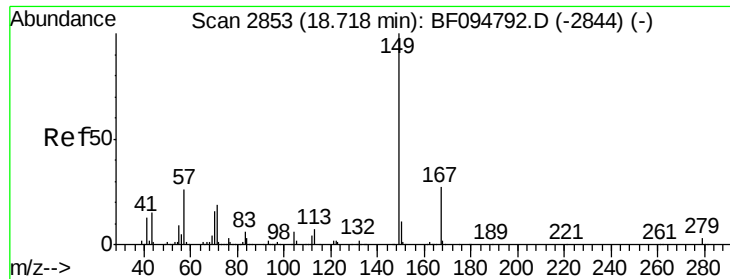
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#82
 Chrysene
 Concen: 29.37 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	19.4	15.8	23.6





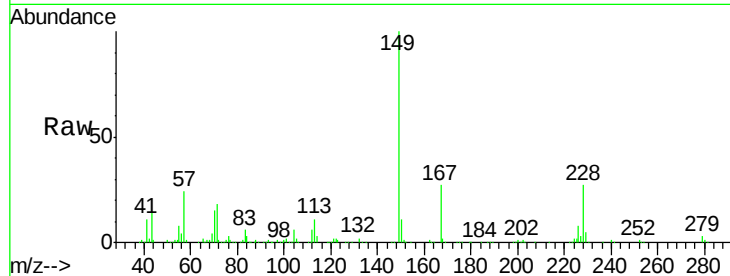
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.25 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

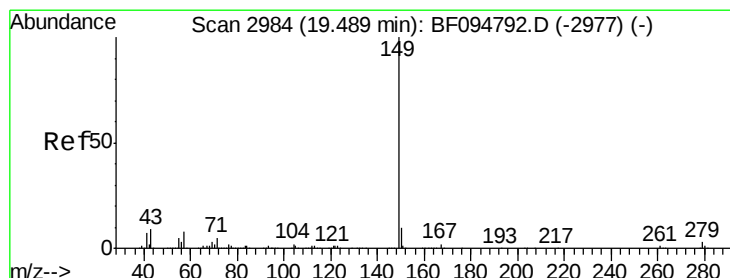
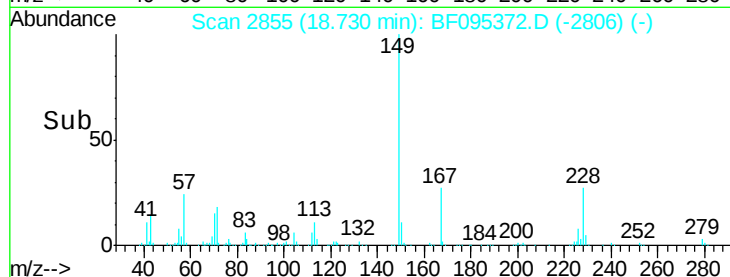
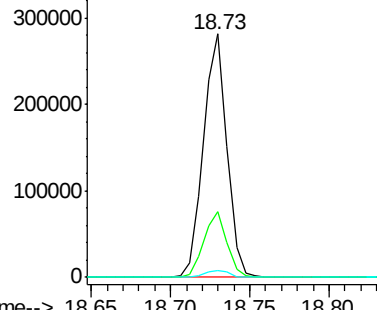
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	289003		
167	26.9	21.0	31.4	
279	3.0	1.9	2.9#	

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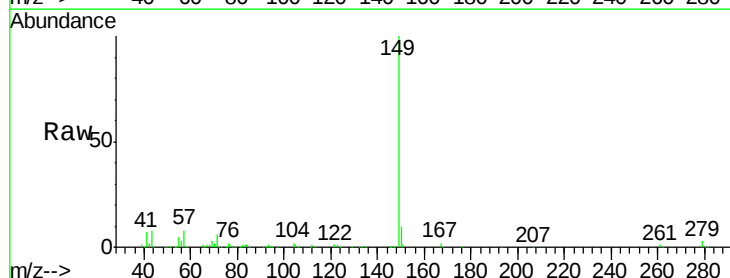


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

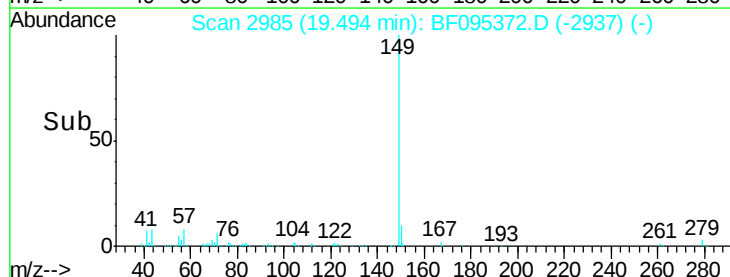
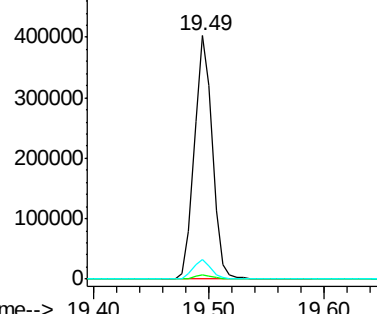


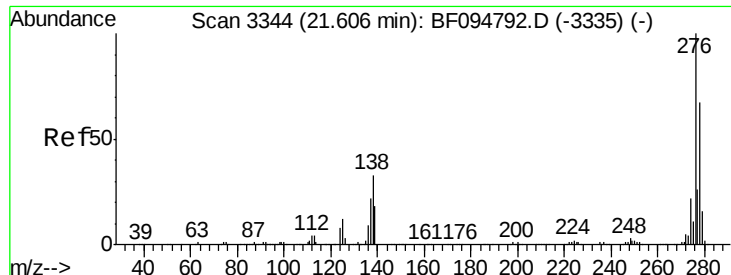
#84
 Di-n-octyl phthalate
 Concen: 29.47 ng
 RT: 19.49 min Scan# 2985
 Delta R.T. -0.02 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	432881		
167	1.5	1.2	1.8	
43	8.3	8.5	12.7#	



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





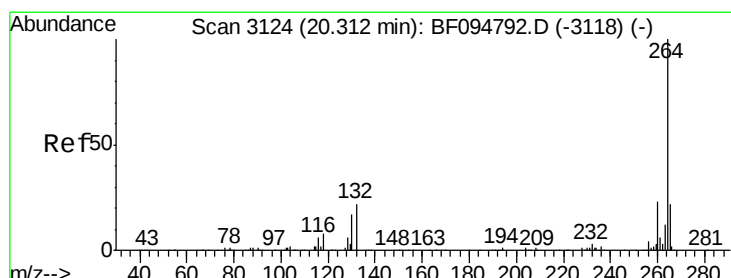
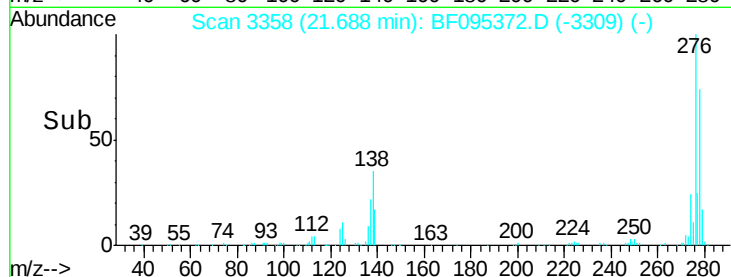
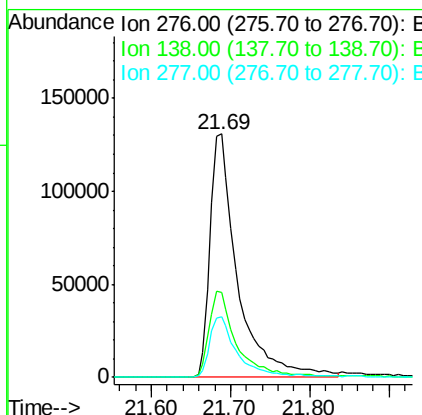
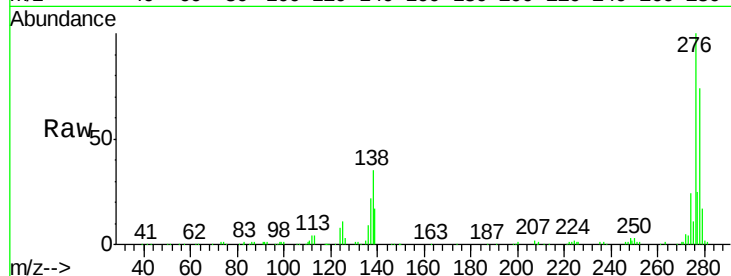
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.35 ng
 RT: 21.69 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	316839		
138	34.7	27.8	41.6	
277	25.2	20.2	30.4	

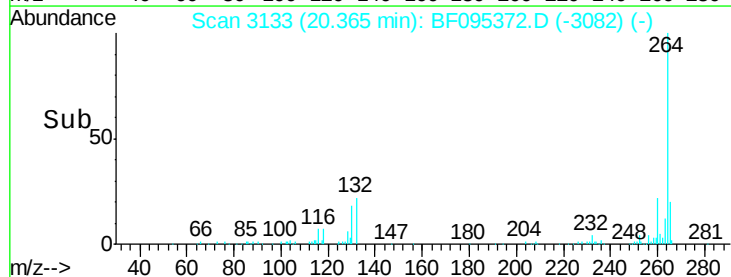
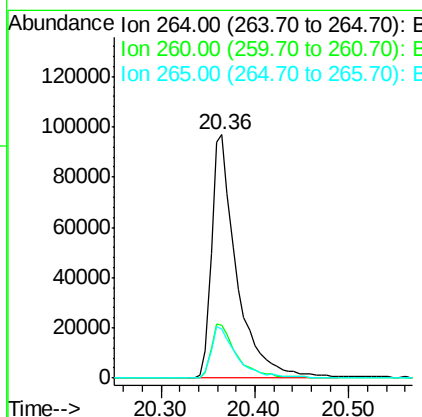
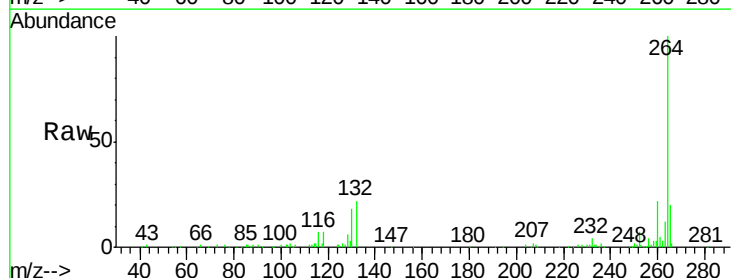
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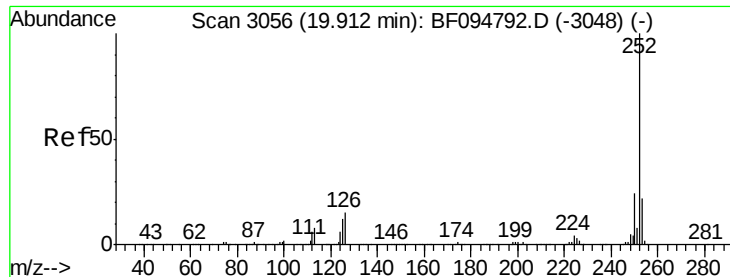
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	181879		
260	21.6	19.5	29.3	
265	20.1	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 23.66 ng

RT: 19.95 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Instrument :

BNA_F

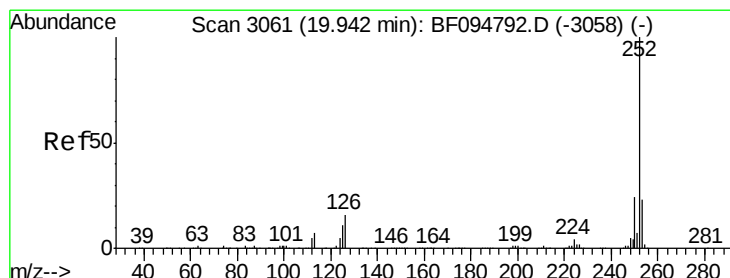
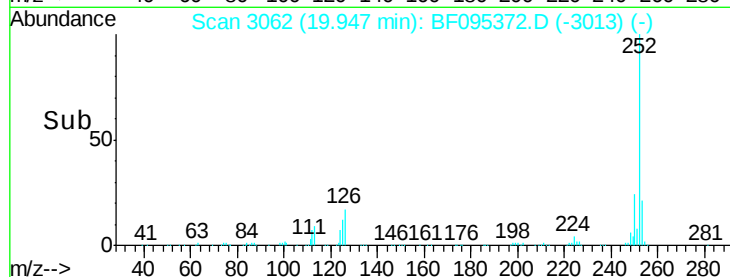
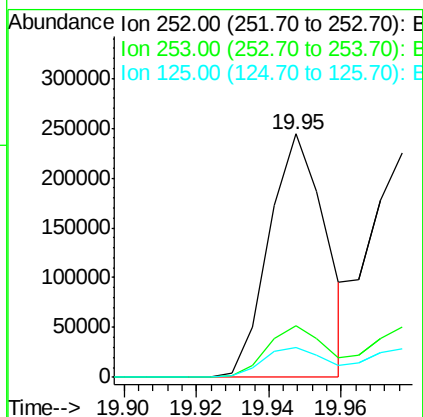
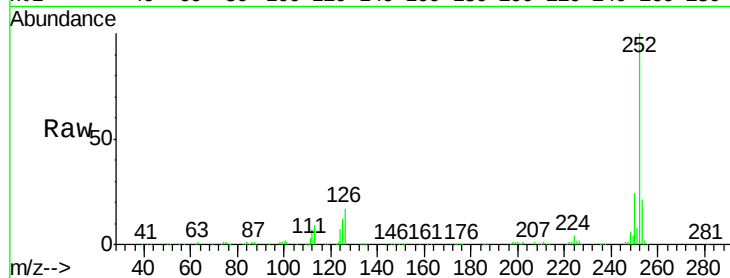
ClientSampleId :

SB-02-COMPMSD

Tgt Ion:	252	Resp:	265858
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.1	27.1
125	12.2	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 32.59 ng

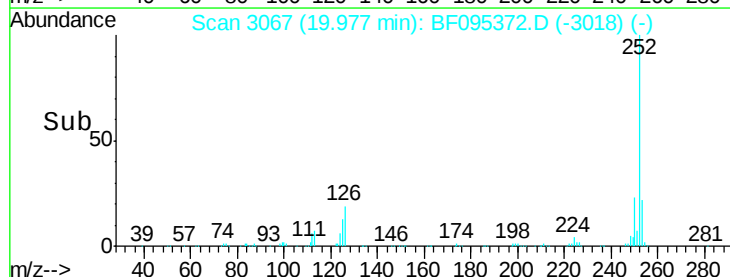
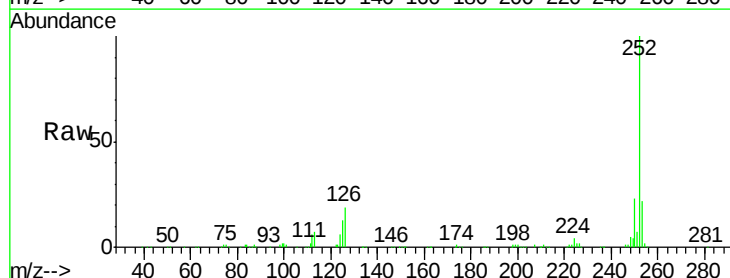
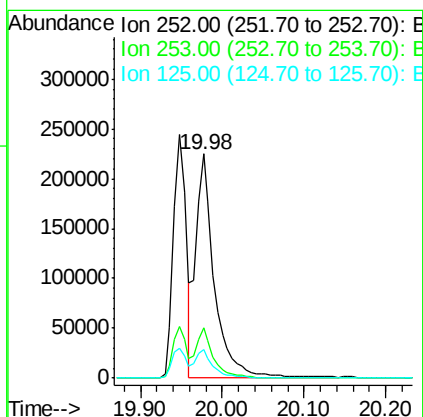
RT: 19.98 min Scan# 3067

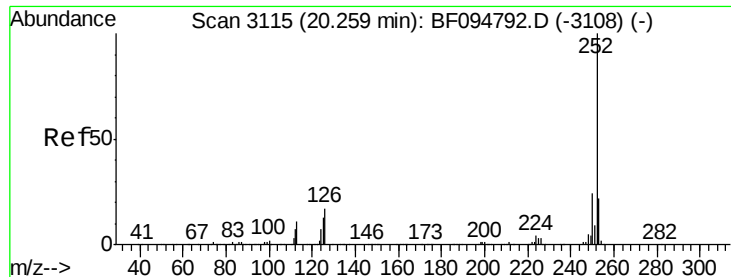
Delta R.T. -0.01 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Tgt Ion:	252	Resp:	353291
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.4	27.6
125	12.9	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 29.25 ng

RT: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Instrument :

BNA_F

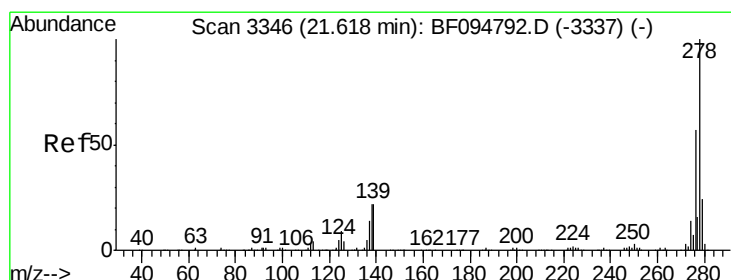
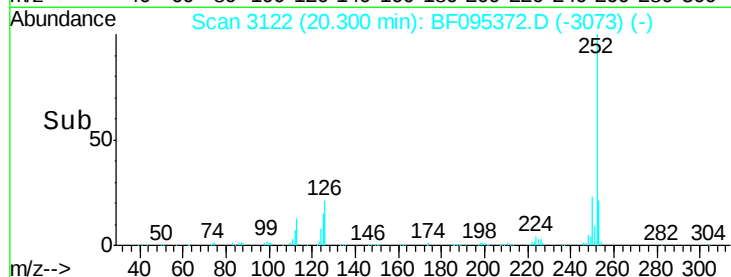
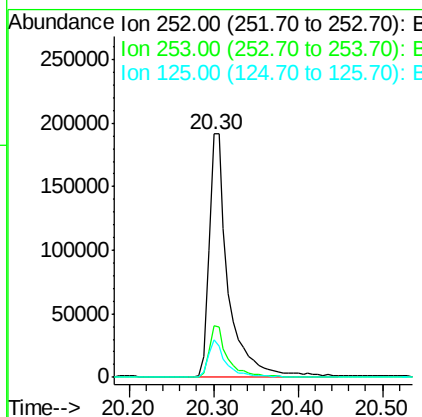
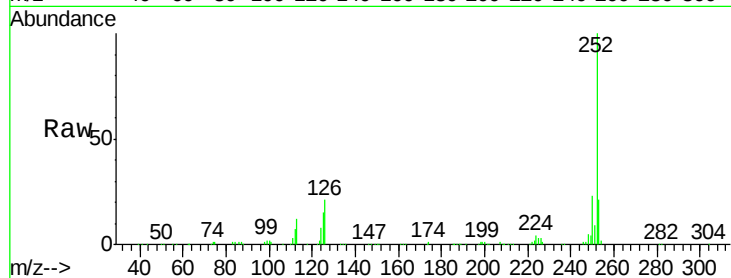
ClientSampleId :

SB-02-COMPMSD

Tgt Ion:	252	Resp:	303375
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.5	26.3
125	15.3	11.0	16.4

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#90

Dibenzo(a,h)anthracene

Concen: 30.31 ng

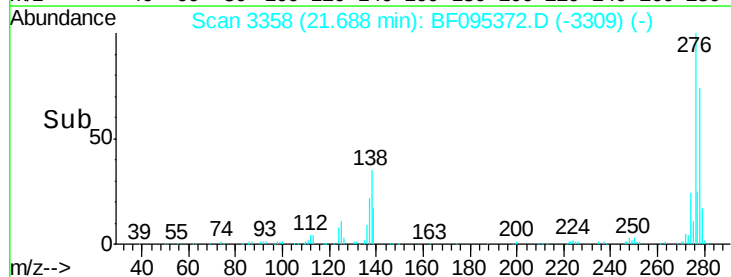
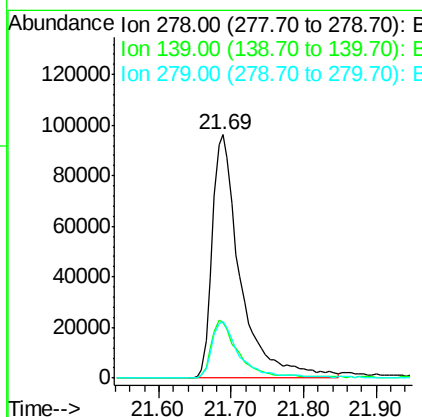
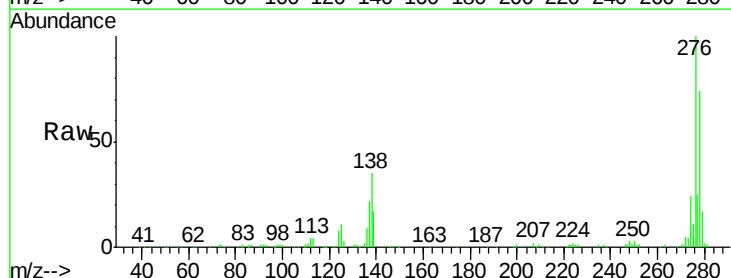
RT: 21.69 min Scan# 3358

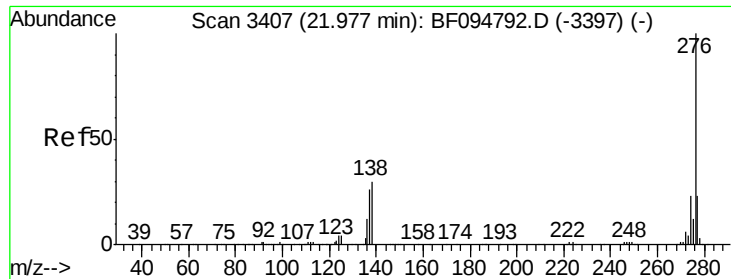
Delta R.T. -0.01 min

Lab File: BF095372.D

Acq: 24 May 2017 4:50

Tgt Ion:	278	Resp:	259629
Ion Ratio	Lower	Upper	
278	100		
139	22.5	16.6	24.8
279	23.5	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 30.55 ng
 RT: 22.08 min Scan# 3424
 Delta R.T. -0.01 min
 Lab File: BF095372.D
 Acq: 24 May 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion:	276	Resp:	256741
Ion Ratio	Lower	Upper	
276	100		
277	24.9	18.6	28.0
138	32.2	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 5/24/2017 4:43:28 PM

