

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094960.D
 Acq On : 6 May 2017 14:34
 Operator : SJ/MA
 Sample : I2947-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Manual Integrations
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mohammad
 5/8/2017 5:43:56 PM

Quant Time: May 08 08:21:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	97029	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	401438	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	181526	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	321158	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	215200	20.00	ng	-0.01
86) Perylene-d12	20.31	264	183728	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	808907	138.99	ng	0.00
7) Phenol-d6	7.27	99	1063161	152.25	ng	0.00
23) Nitrobenzene-d5	8.63	82	631342	99.17	ng	0.00
41) 2,4,6-Tribromophenol	13.87	330	202833	136.44	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1176345	93.27	ng	-0.01
78) Terphenyl-d14	17.30	244	963224	98.59	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	103382	36.22	ng	96
3) Pyridine	2.83	79	185672	28.07	ng	97
4) n-Nitrosodimethylamine	2.74	42	120669	43.76	ng	86
6) Aniline	7.23	93	378861	42.98	ng	94
8) 2-Chlorophenol	7.41	128	330682	49.92	ng	96
9) Benzaldehyde	7.05	77	46037	10.80	ng	98
10) Phenol	7.29	94	390554	53.08	ng	90
11) bis(2-Chloroethyl)ether	7.37	93	286958	47.24	ng	94
12) 1,3-Dichlorobenzene	7.63	146	344304	45.82	ng	98
13) 1,4-Dichlorobenzene	7.75	146	354493	46.52	ng	97
14) 1,2-Dichlorobenzene	7.98	146	334250	46.99	ng	96
15) Benzyl Alcohol	8.01	79	247250	55.05	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	381776	44.40	ng	# 42
17) 2-Methylphenol	8.22	107	267349	49.32	ng	# 88
18) Hexachloroethane	8.50	117	117786	45.63	ng	# 86
19) n-Nitroso-di-n-propylamine	8.44	70	230433	48.79	ng	93
20) 3+4-Methylphenols	8.47	107	358862	48.72	ng	# 58
22) Acetophenone	8.40	105	461267	47.89	ng	# 84
24) Nitrobenzene	8.65	77	318984	47.80	ng	94
25) Isophorone	9.05	82	586717	51.61	ng	# 94
26) 2-Nitrophenol	9.16	139	182981	50.82	ng	96
27) 2,4-Dimethylphenol	9.30	122	293818	50.47	ng	99
28) bis(2-Chloroethoxy)methane	9.42	93	370585	47.13	ng	98
29) 2,4-Dichlorophenol	9.58	162	274574	49.95	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	270799	45.98	ng	97
31) Naphthalene	9.78	128	908643	45.04	ng	99
32) Benzoic acid	9.59	122	98885	28.21	ng	91
33) 4-Chloroaniline	9.91	127	230779	30.69	ng	# 93
34) Hexachlorobutadiene	10.00	225	134771	43.37	ng	97
35) Caprolactam	10.54	113	78862m	47.78	ng	
36) 4-Chloro-3-methylphenol	10.77	107	291295	49.57	ng	90
37) 2-Methylnaphthalene	10.90	142	589150	44.49	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	247492	44.33	ng	100
40) Hexachlorocyclopentadiene	11.16	237	177642	76.02	ng	100

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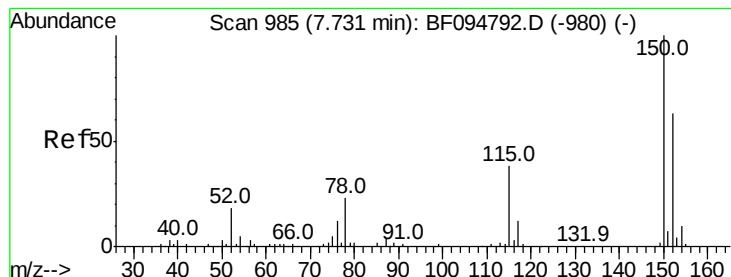
Manual Integrations
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Quant Time: May 08 08:21:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	184418	49.48	nq	99
43) 2,4,5-Trichlorophenol	11.49	196	188516	47.06	nq	# 91
45) 1,1'-Biphenyl	11.67	154	655826	42.91	nq	98
46) 2-Chloronaphthalene	11.68	162	527790	42.77	nq	96
47) 2-Nitroaniline	11.89	65	164424	48.68	nq	# 84
48) Acenaphthylene	12.34	152	904613	46.80	nq	100
49) Dimethylphthalate	12.22	163	854211	57.32	nq	99
50) 2,6-Dinitrotoluene	12.31	165	151255	49.75	nq	93
51) Acenaphthene	12.62	154	538515	46.64	nq	99
52) 3-Nitroaniline	12.58	138	113154	34.68	nq	93
53) 2,4-Dinitrophenol	12.77	184	113600	68.79	nq	# 69
54) Dibenzofuran	12.91	168	804879	50.38	nq	98
55) 4-Nitrophenol	12.95	139	181567	92.64	nq	# 74
56) 2,4-Dinitrotoluene	12.97	165	198177	50.73	nq	# 88
57) Fluorene	13.47	166	646810	46.56	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.15	232	141925	56.29	nq	# 95
59) Diethylphthalate	13.37	149	628522	44.00	nq	99
60) 4-Chlorophenyl-phenylether	13.49	204	280844	46.00	nq	91
61) 4-Nitroaniline	13.58	138	145174	48.46	nq	96
62) Azobenzene	13.75	77	571536	49.80	nq	96
64) 4,6-Dinitro-2-methylphenol	13.64	198	96104	44.64	nq	# 67
65) n-Nitrosodiphenylamine	13.70	169	543077	46.59	nq	99
66) 4-Bromophenyl-phenylether	14.28	248	146888	43.29	nq	99
67) Hexachlorobenzene	14.36	284	148148	42.60	nq	# 87
68) Atrazine	14.62	200	156936	47.69	nq	97
69) Pentachlorophenol	14.71	266	147953	93.07	nq	97
70) Phenanthrene	15.01	178	852766	46.21	nq	98
71) Anthracene	15.09	178	896029	47.54	nq	98
72) Carbazole	15.38	167	839228	48.93	nq	98
73) Di-n-butylphthalate	15.94	149	980227	45.83	nq	99
74) Fluoranthene	16.75	202	827000	43.69	nq	99
76) Benzidine	16.97	184	326163	54.94	nq	# 94
77) Pyrene	17.05	202	891382	55.38	nq	99
79) Butylbenzylphthalate	17.96	149	415285	55.47	nq	89
80) Benzo(a)anthracene	18.63	228	577634	46.12	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	161224	37.27	nq	# 97
82) Chrysene	18.67	228	545585	45.05	nq	99
83) Bis(2-ethylhexyl)phthalate	18.70	149	533340	50.00	nq	# 98
84) Di-n-octyl phthalate	19.47	149	867334	49.60	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	542454	55.16	nq	99
87) Benzo(b)fluoranthene	19.90	252	522083	45.99	nq	97
88) Benzo(k)fluoranthene	19.93	252	523526	47.81	nq	# 94
89) Benzo(a)pyrene	20.25	252	472890	45.14	nq	99
90) Dibenzo(a,h)anthracene	21.61	278	454759	52.56	nq	99
91) Benzo(g,h,i)perylene	21.97	276	478601	56.37	nq	98

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



#1

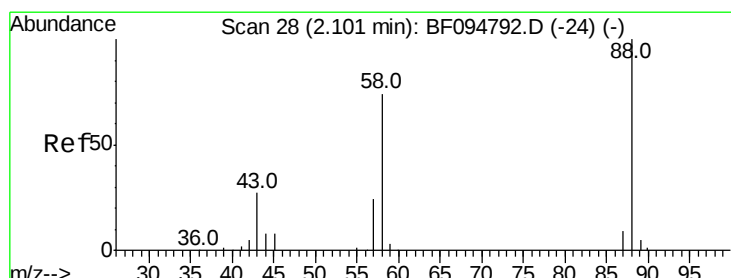
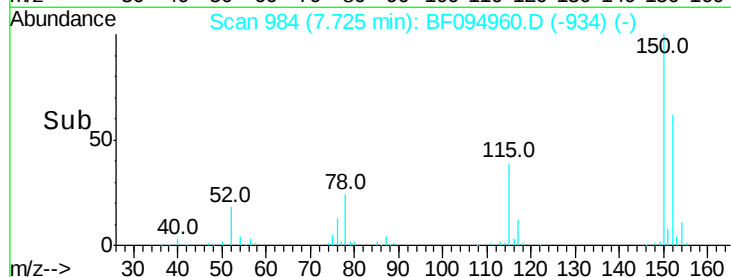
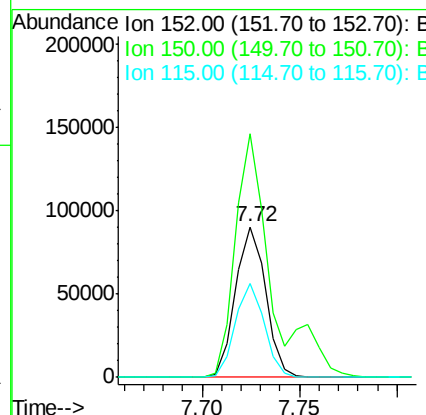
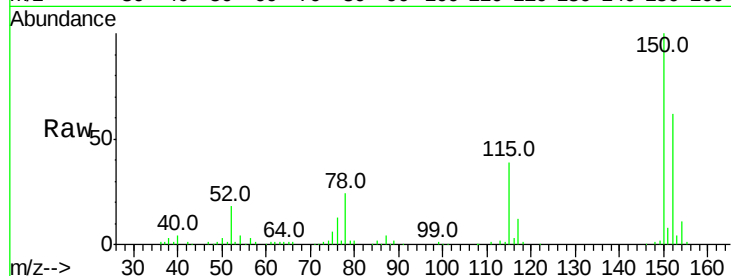
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	126.2	189.2
115	62.4	52.2	78.2

Manual Integrations
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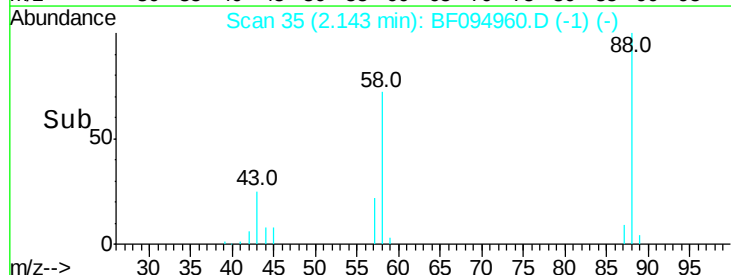
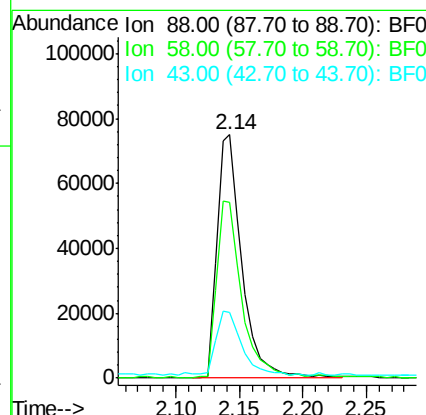
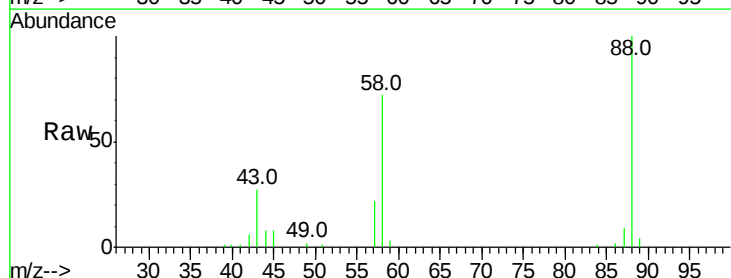
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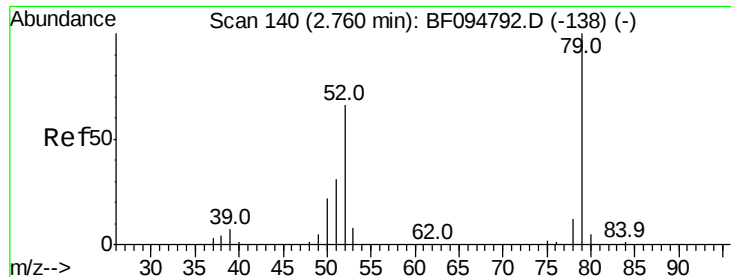


#2

1,4-Dioxane
Concen: 36.22 ng
RT: 2.14 min Scan# 35
Delta R.T. 0.04 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	61.4	92.0
43	27.2	23.4	35.0





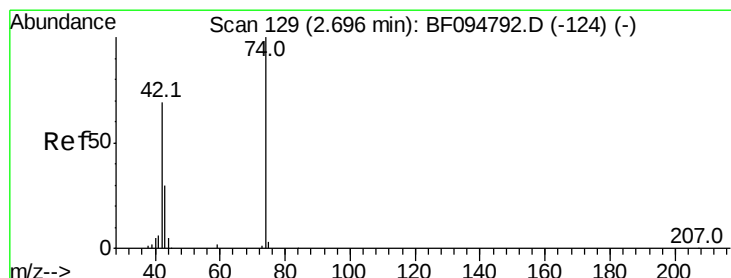
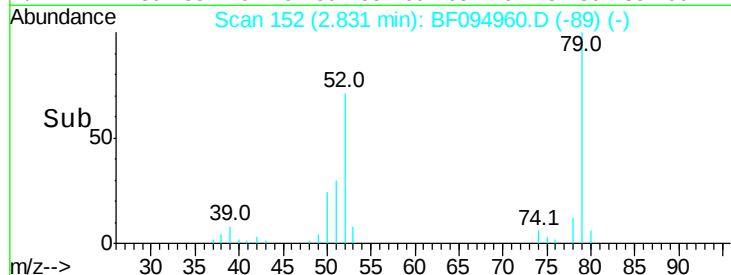
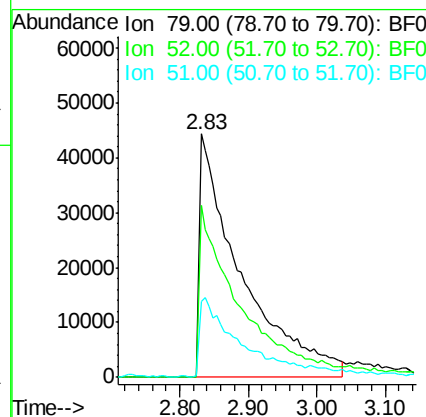
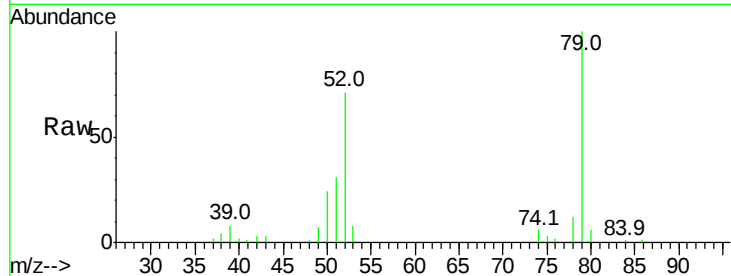
#3
 Pvridine
 Concen: 28.07 ng
 RT: 2.83 min Scan# 152
 Delta R.T. 0.07 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.6	54.8	82.2
51	31.1	27.0	40.4

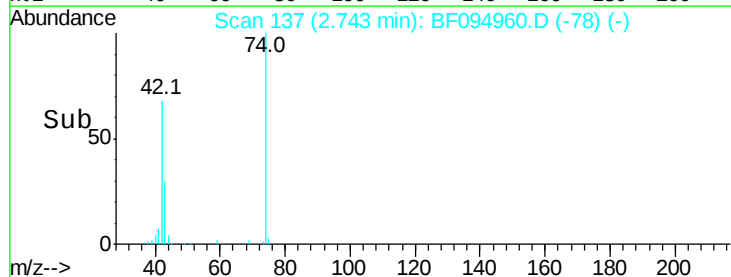
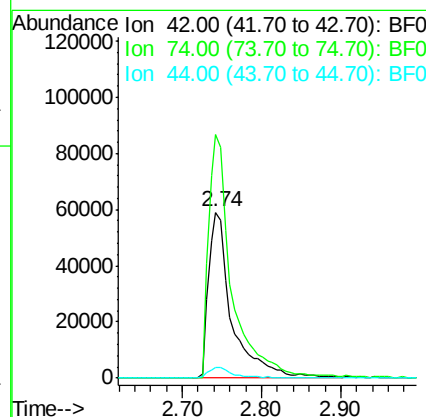
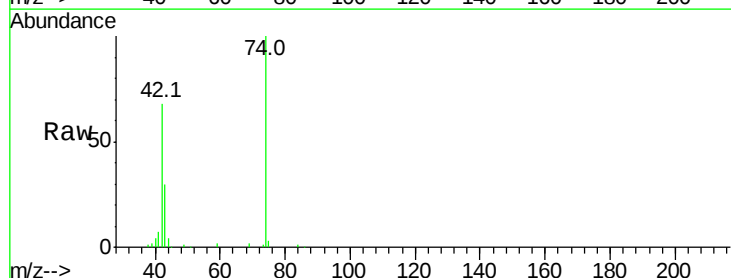
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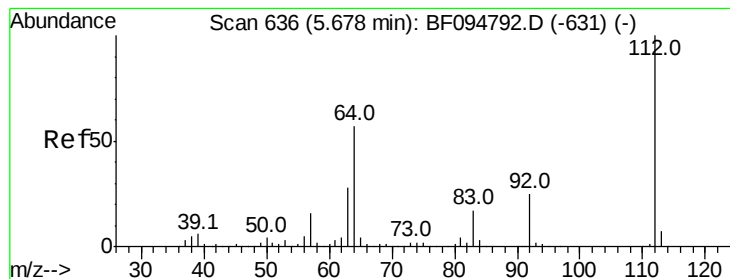
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#4
 n-Nitrosodimethylamine
 Concen: 43.76 ng
 RT: 2.74 min Scan# 137
 Delta R.T. 0.05 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.5	103.9	155.9
44	6.5	5.7	8.5





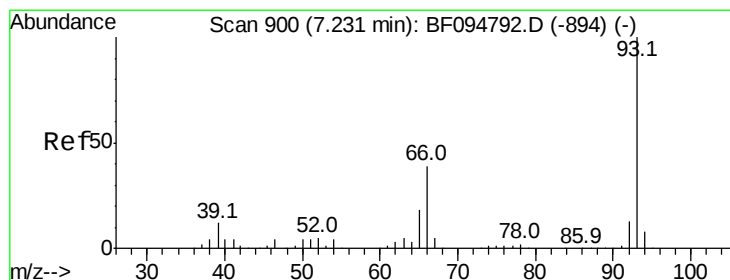
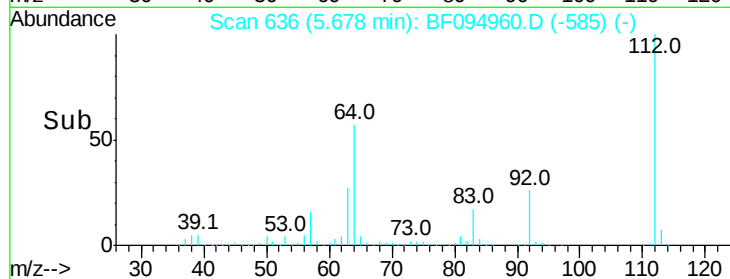
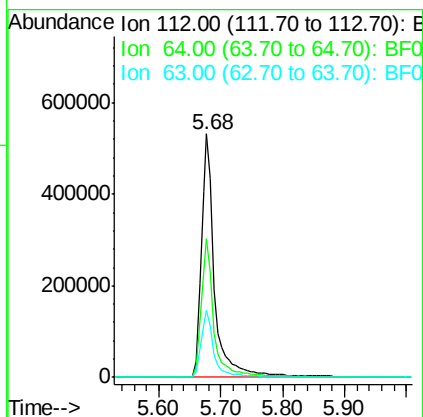
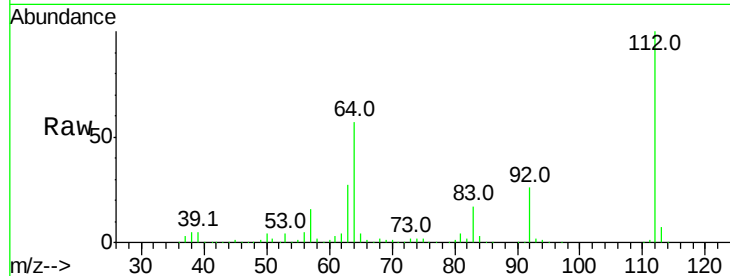
#5
 2-Fluorophenol
 Concen: 138.99 ng
 RT: 5.68 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	56.9	46.0	69.0
63	27.5	23.4	35.0

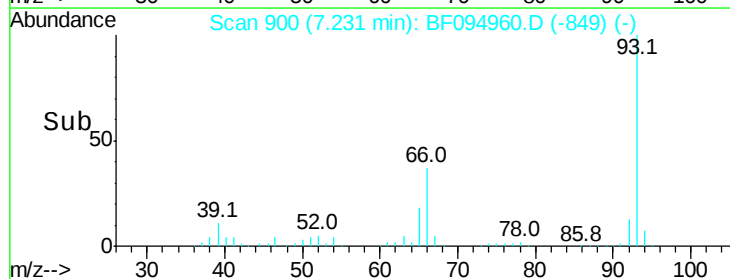
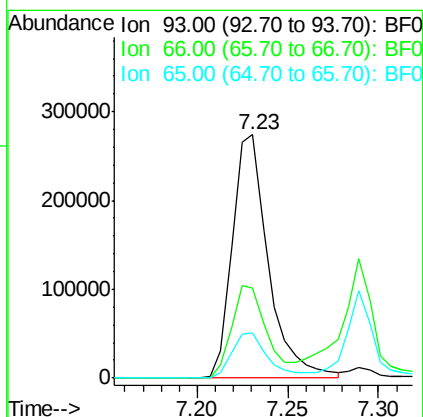
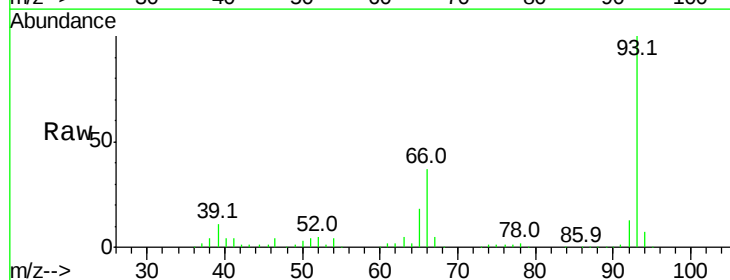
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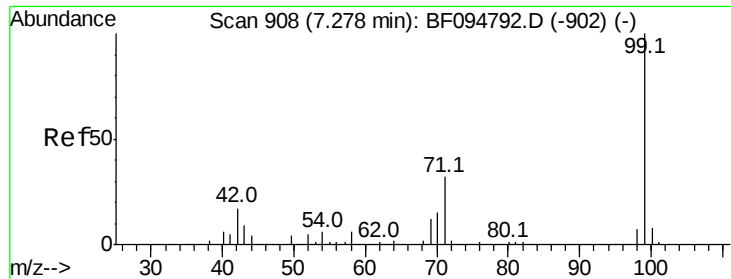
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#6
 Aniline
 Concen: 42.98 ng
 RT: 7.23 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	36.9	32.9	49.3
65	18.4	16.0	24.0





#7

Phenol-d6

Concen: 152.25 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

Tot Ion: 99 Resp: 1063161

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

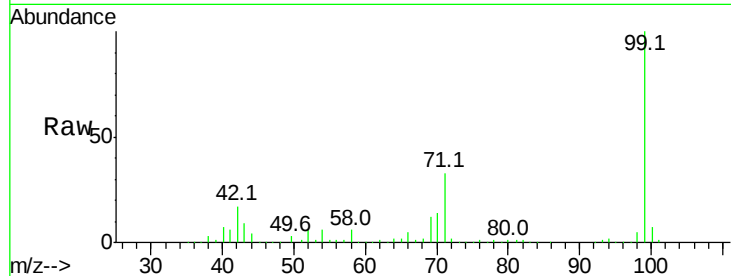
71 33.0 24.5 36.7

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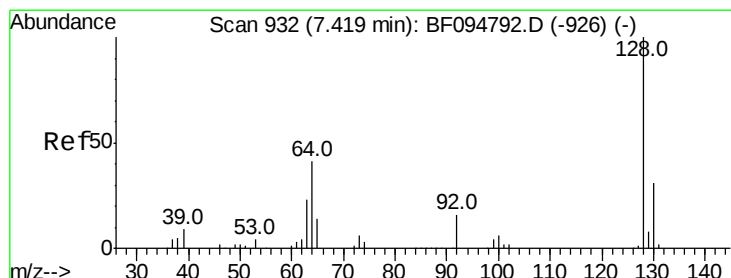
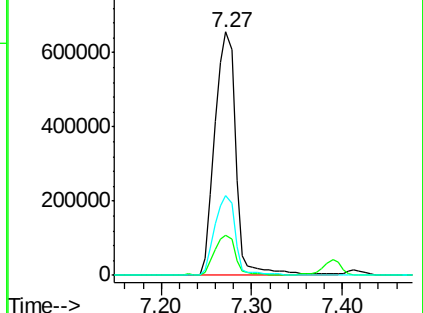
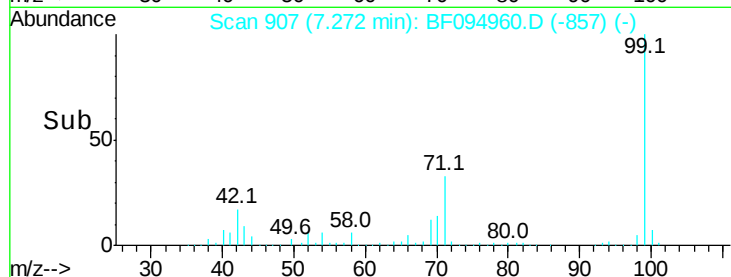
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.92 ng

RT: 7.41 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

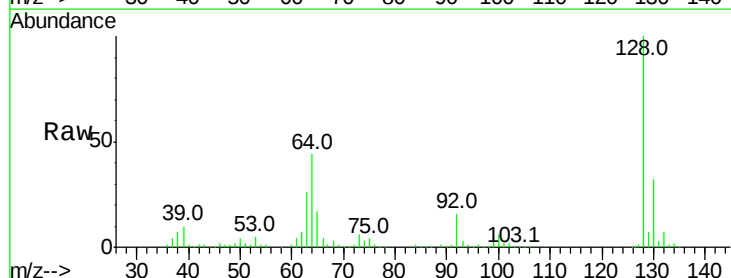
Tgt Ion:128 Resp: 330682

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

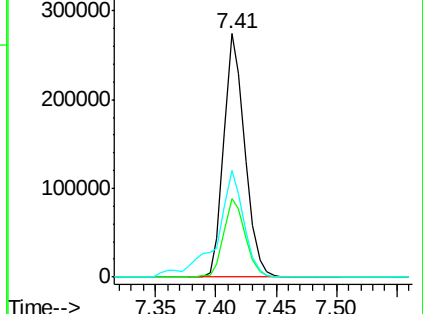
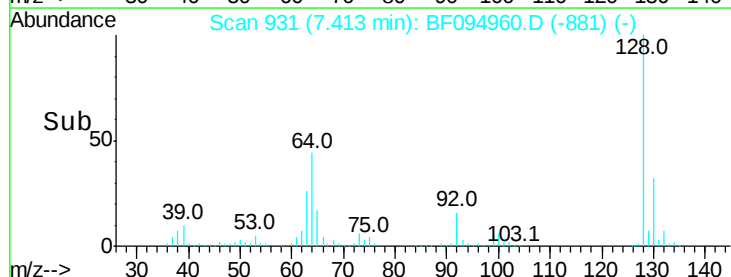
64 43.8 28.4 68.4

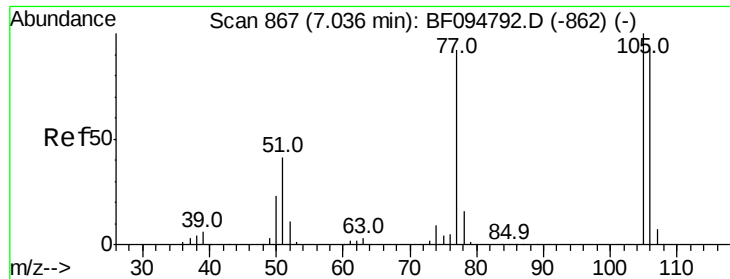


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.80 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

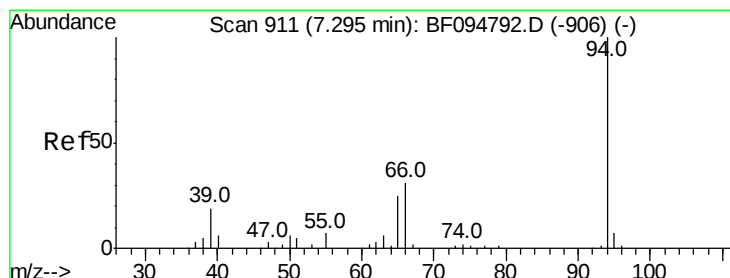
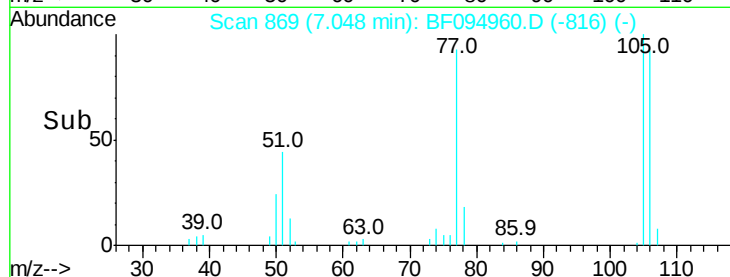
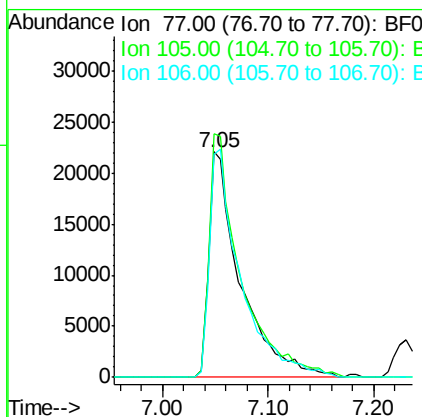
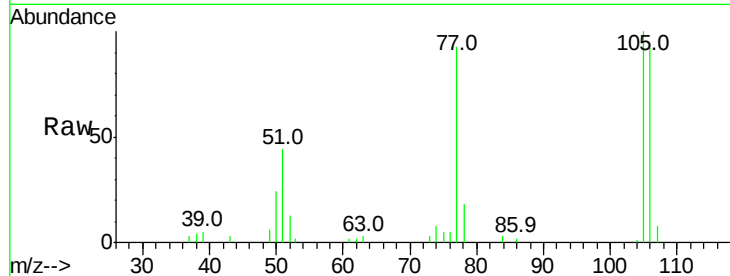
SB-02-COMPMSD

Tot Ion: 77 Resp: 46037

Ion	Ratio	Lower	Upper
77	100		
105	108.1	83.8	123.8
106	99.3	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 53.08 ng

RT: 7.29 min Scan# 910

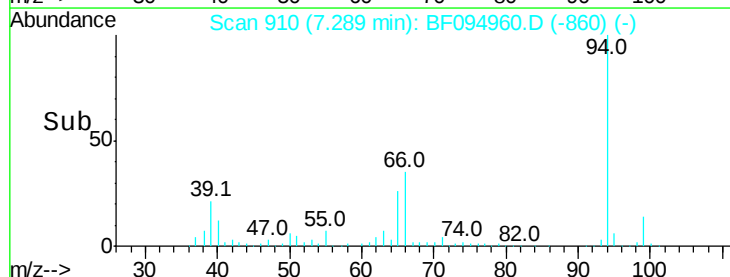
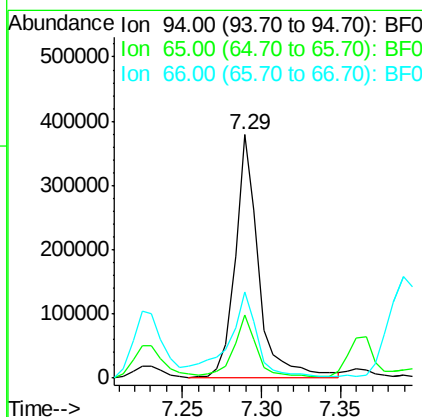
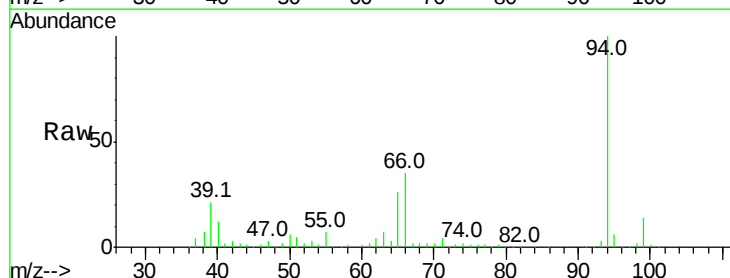
Delta R.T. -0.01 min

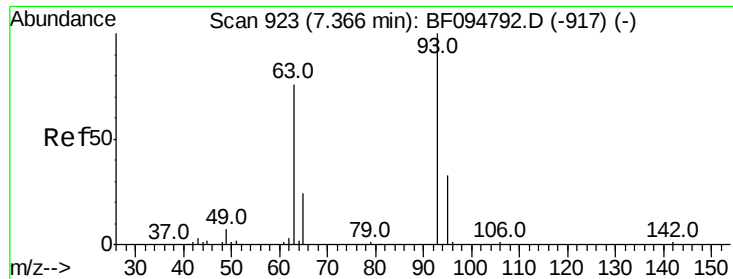
Lab File: BF094960.D

Acq: 6 May 2017 14:34

Tgt Ion: 94 Resp: 390554

Ion	Ratio	Lower	Upper
94	100		
65	25.8	9.9	49.9
66	35.5	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 47.24 ng

RT: 7.37 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

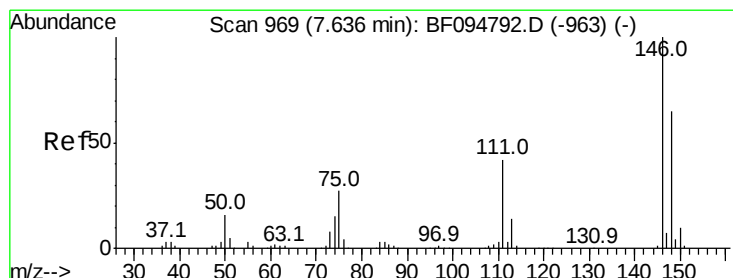
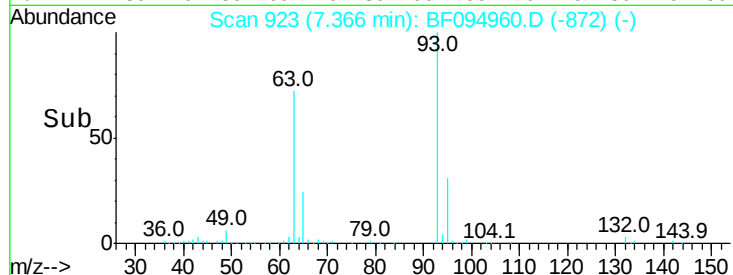
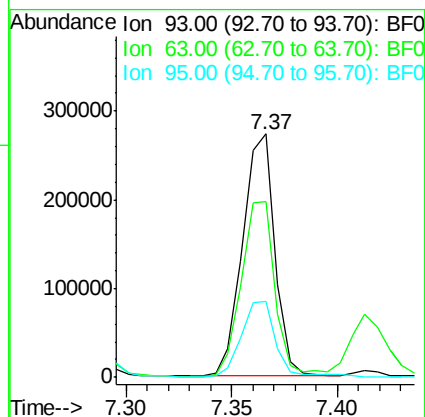
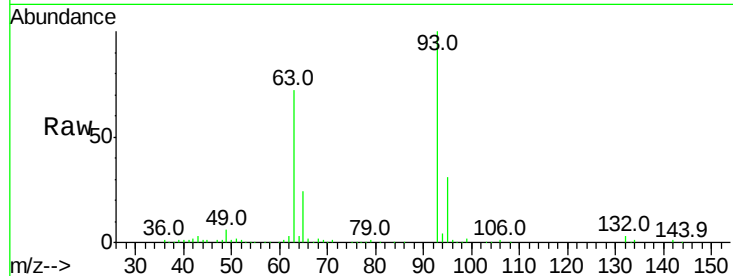
ClientSampleId :

SB-02-COMPMSD

Tot Ion:	93	Resp:	286958
Ion Ratio	Lower	Upper	
93	100		
63	72.2	59.2	99.2
95	31.3	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 45.82 ng

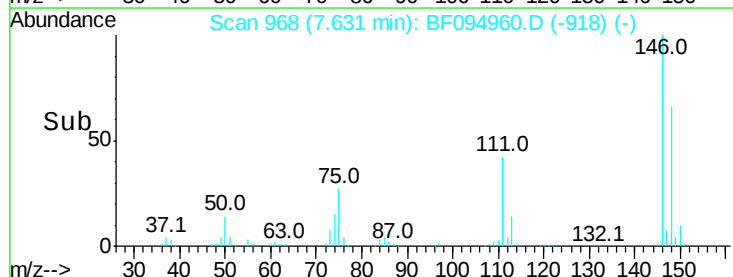
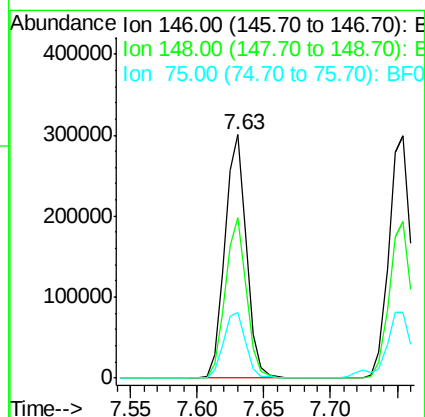
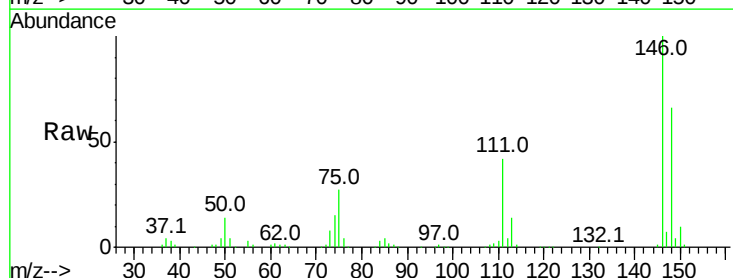
RT: 7.63 min Scan# 968

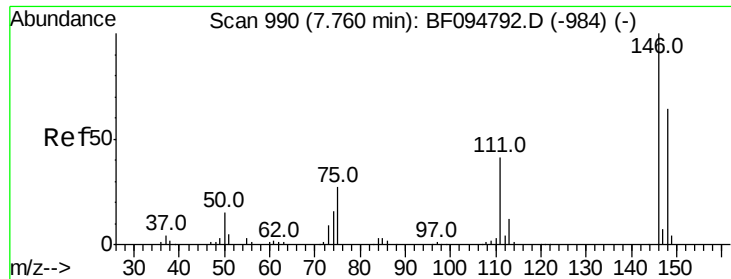
Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Tgt Ion:	146	Resp:	344304
Ion Ratio	Lower	Upper	
146	100		
148	66.0	51.8	77.6
75	27.1	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 46.52 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

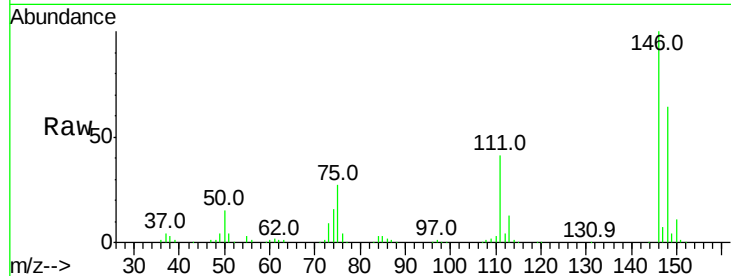
ClientSampleId :

SB-02-COMPMSD

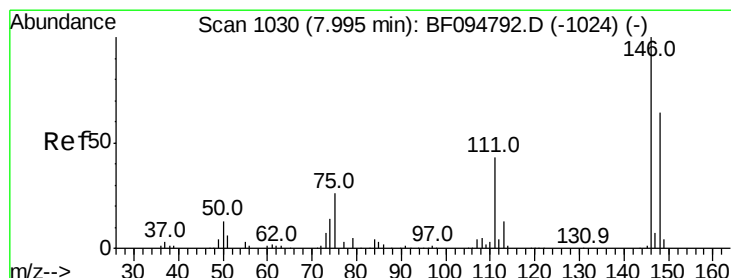
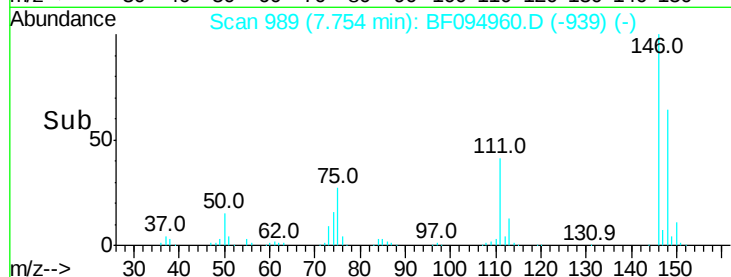
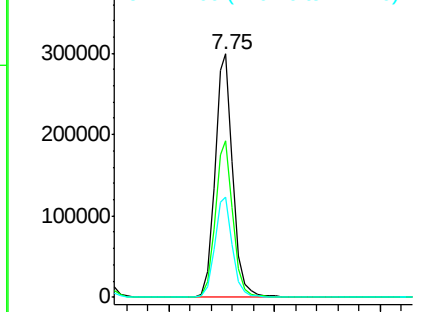
Tot Ion:	146	Resp:	354493
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.2	78.2
111	41.0	30.3	45.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.99 ng

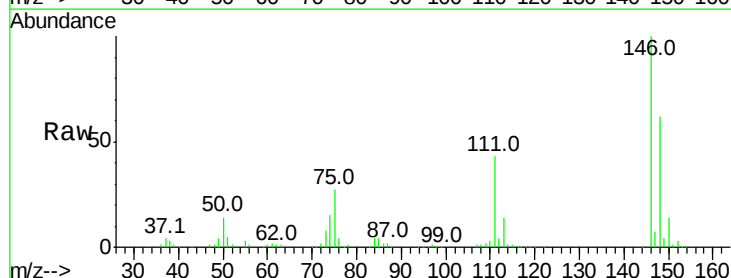
RT: 7.98 min Scan# 1028

Delta R.T. -0.01 min

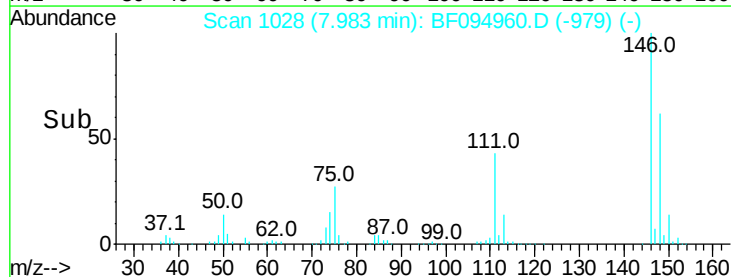
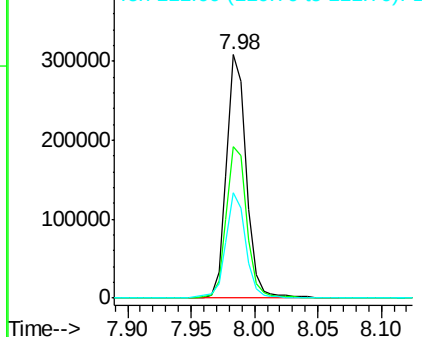
Lab File: BF094960.D

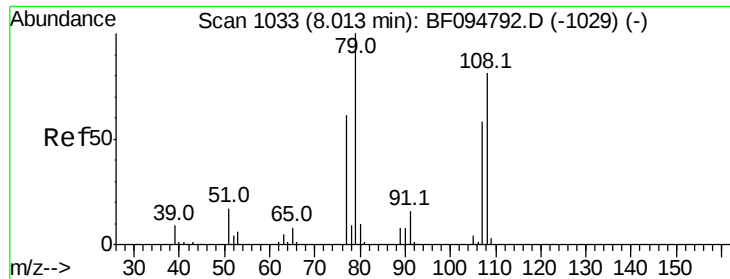
Acq: 6 May 2017 14:34

Tgt Ion:	146	Resp:	334250
Ion Ratio	Lower	Upper	
146	100		
148	62.0	50.4	75.6
111	43.4	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





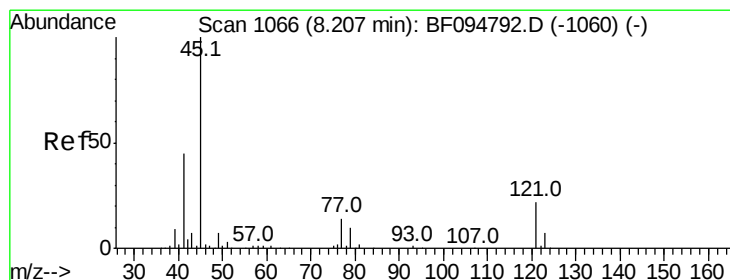
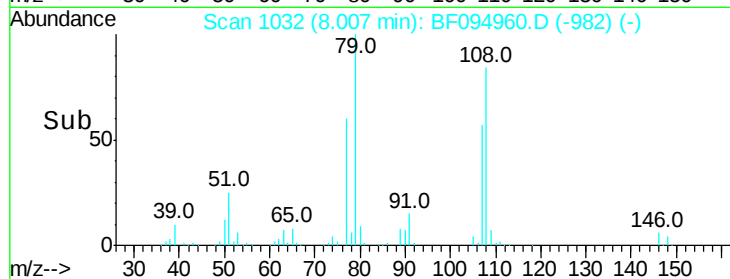
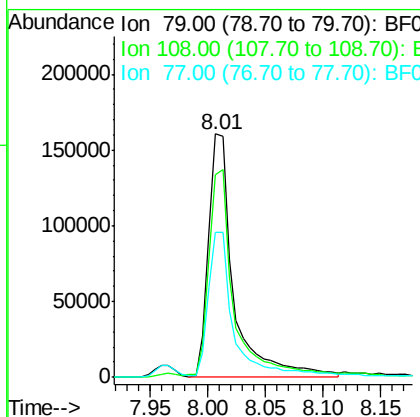
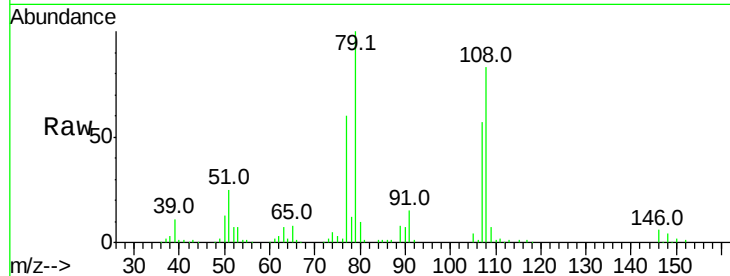
#15
Benzyl Alcohol
Concen: 55.05 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.4	63.4	95.0
77	59.7	49.2	73.8

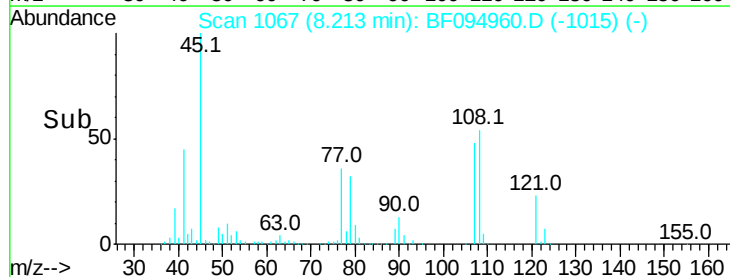
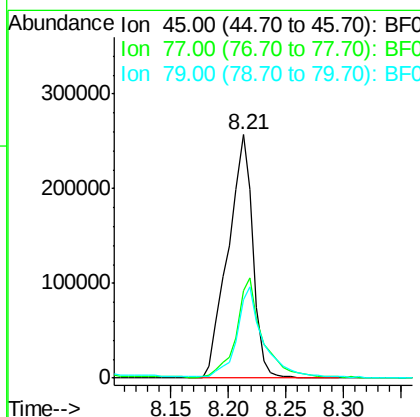
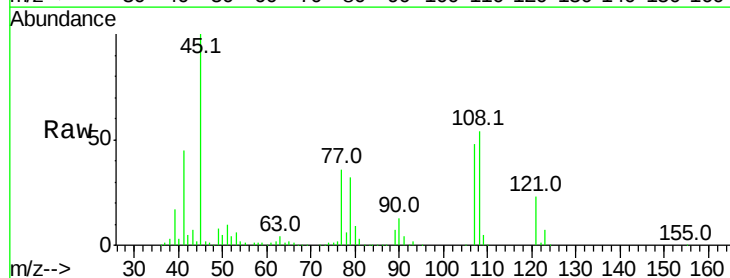
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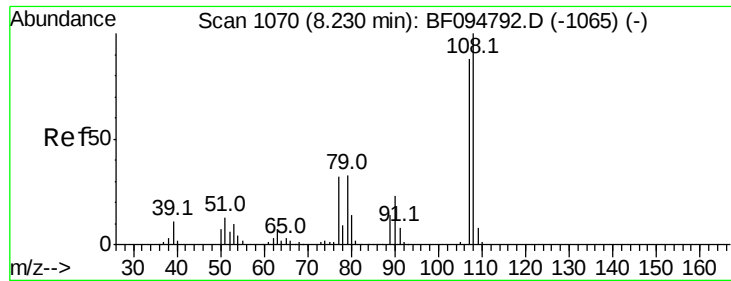
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.40 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.7	0.0	33.2#
79	32.2	0.0	30.0#





#17

2-Methylphenol

Concen: 49.32 ng

RT: 8.22 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

Tot Ion:107 Resp: 267349

Ion Ratio Lower Upper

107 100

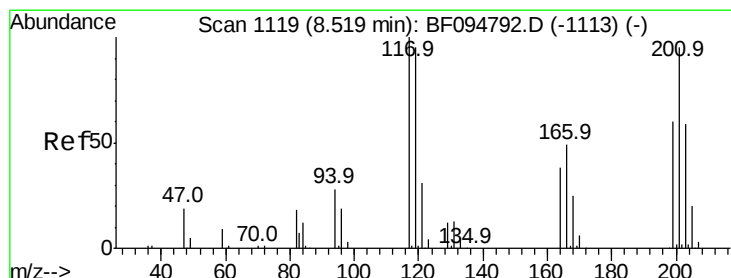
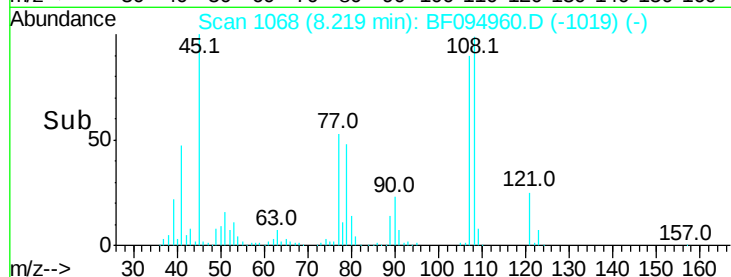
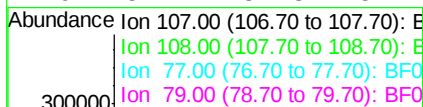
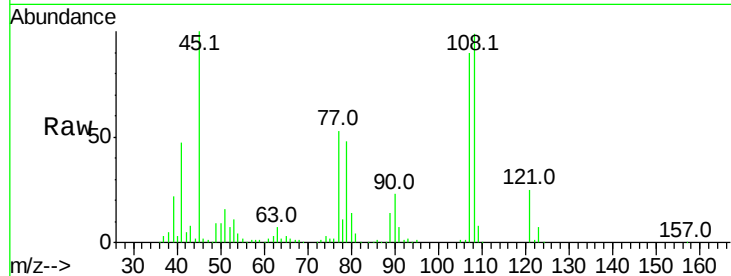
108 110.1 93.4 140.0

77 59.3 35.8 53.6#

79 54.1 34.8 52.2#

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#18

Hexachloroethane

Concen: 45.63 ng

RT: 8.50 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

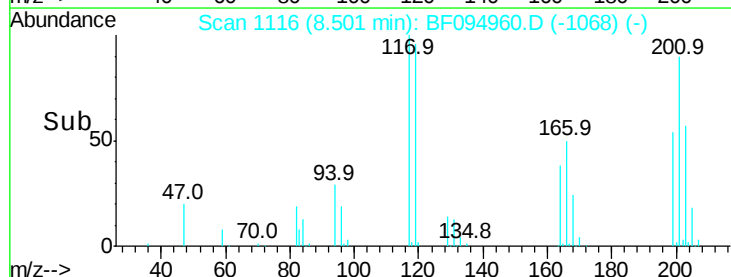
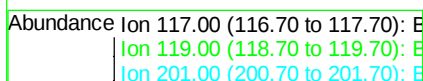
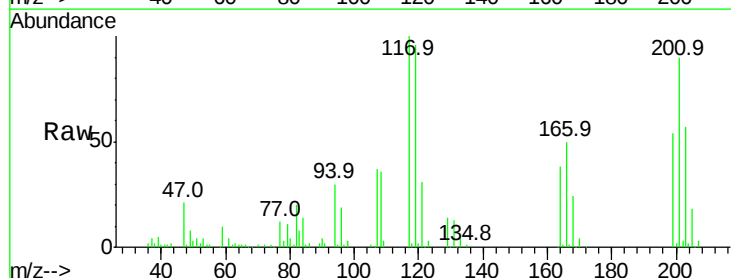
Tgt Ion:117 Resp: 117786

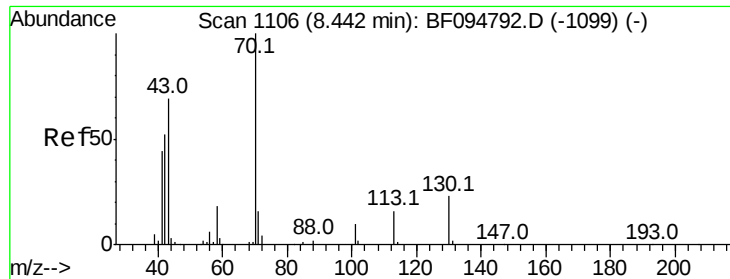
Ion Ratio Lower Upper

117 100

119 95.8 77.4 116.0

201 90.0 94.6 141.8#





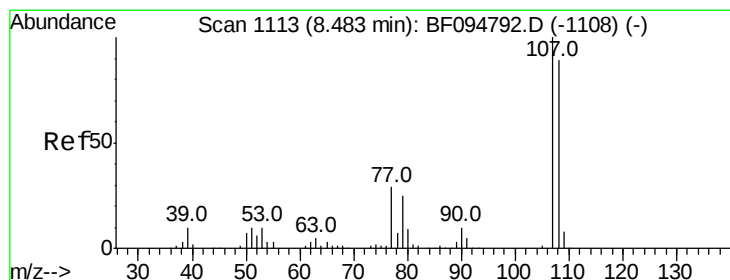
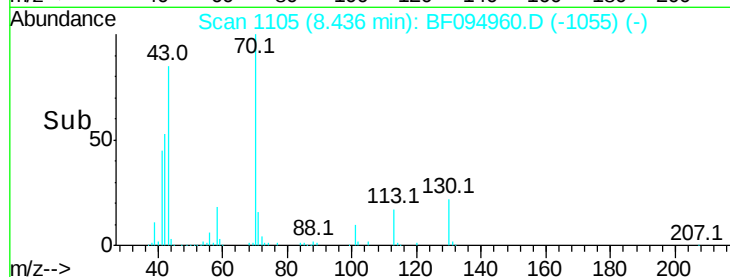
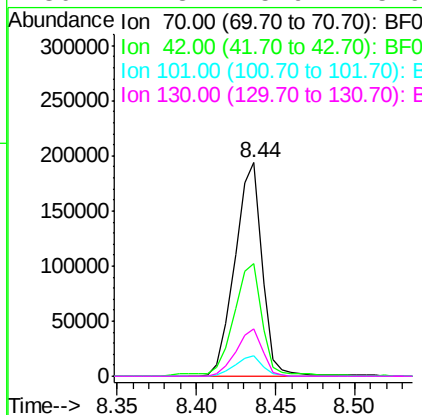
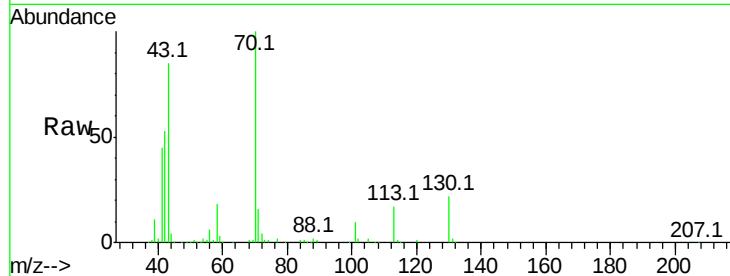
#19
n-Nitroso-di-n-propylamine
Concen: 48.79 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.0	47.2	70.8	
101	9.7	7.2	10.8	
130	22.3	15.9	23.9	

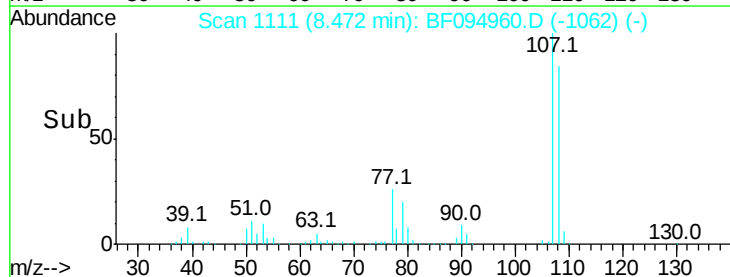
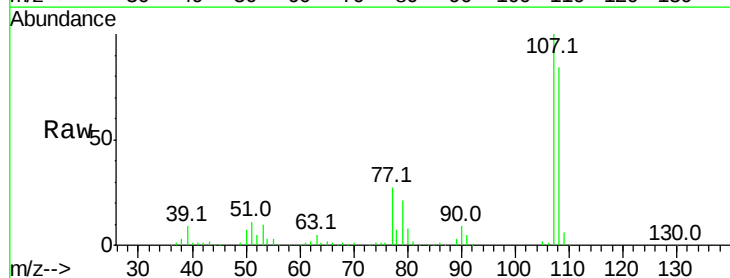
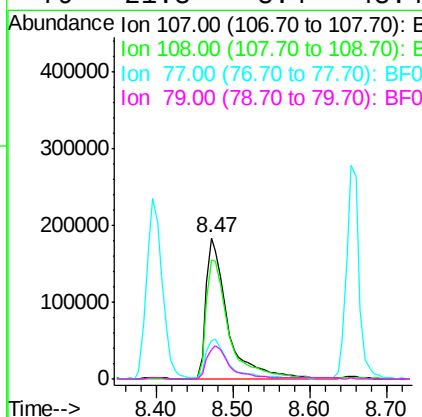
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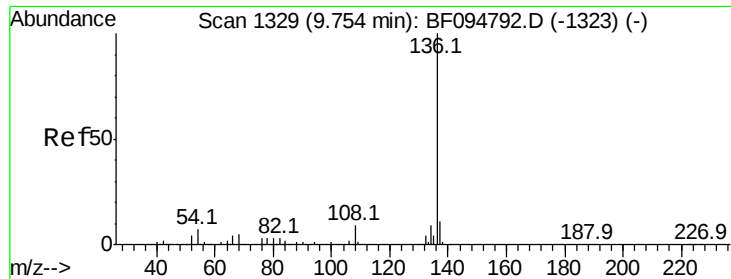
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#20
3+4-Methylphenols
Concen: 48.72 ng
RT: 8.47 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.9	71.0	111.0	
77	27.2	90.5	130.5#	
79	21.3	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

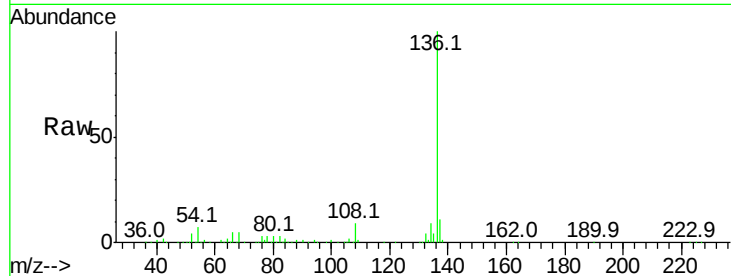
ClientSampleId :

SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	401438		
137	10.8		8.5	12.7
54	6.7		4.9	7.3
68	5.4		4.1	6.1

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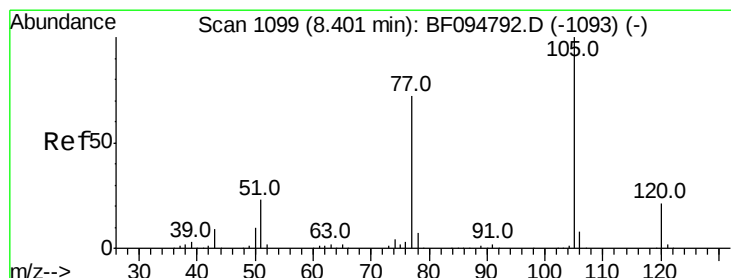
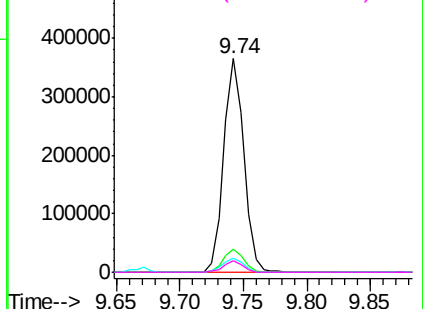
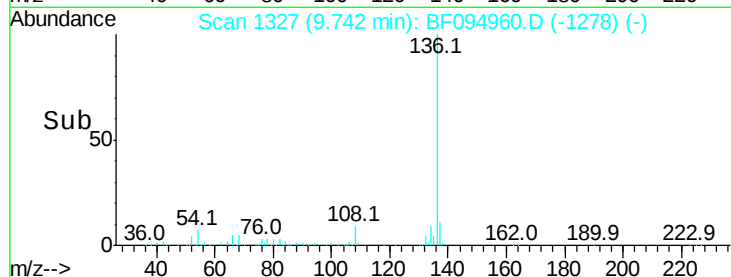
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.89 ng

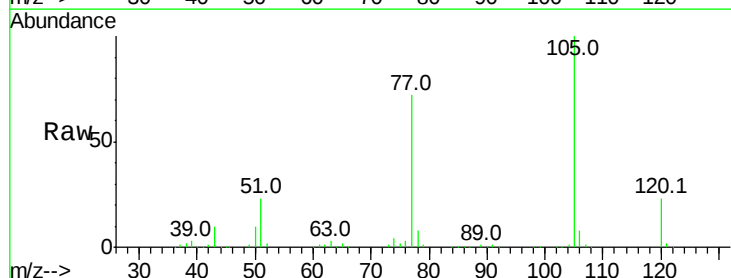
RT: 8.40 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	461267		
71	0.0		2.8	4.2#
51	23.4		30.7	46.1#
120	22.7		17.4	26.0



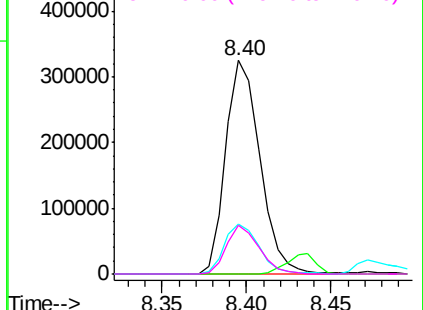
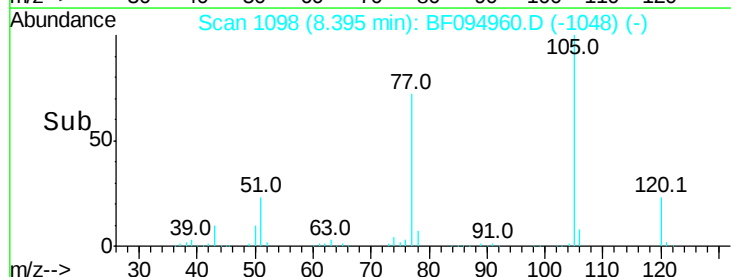
Abundance

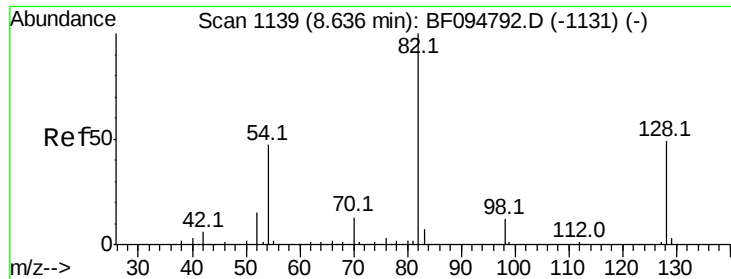
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





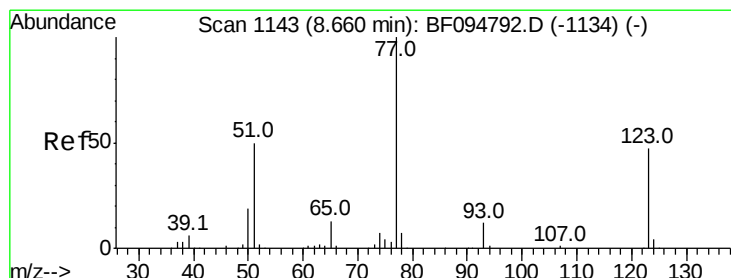
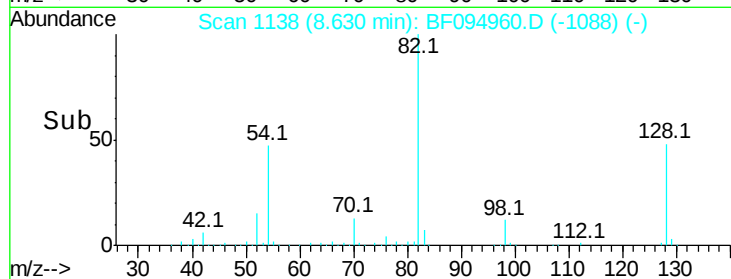
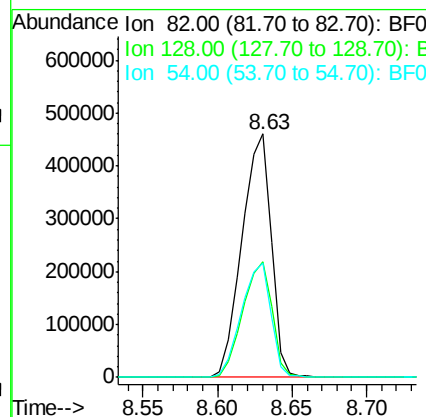
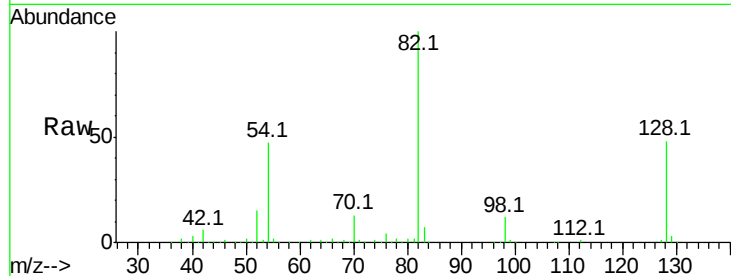
#23
 Nitrobenzene-d5
 Concen: 99.17 ng
 RT: 8.63 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	47.1	42.2	63.2

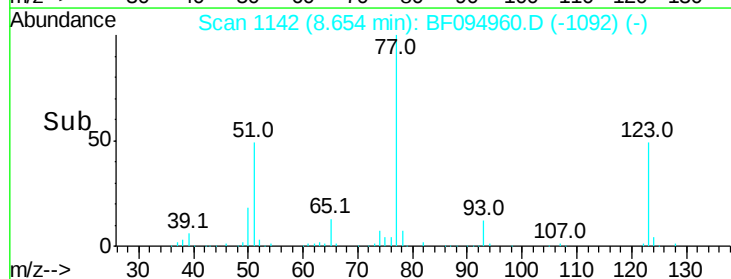
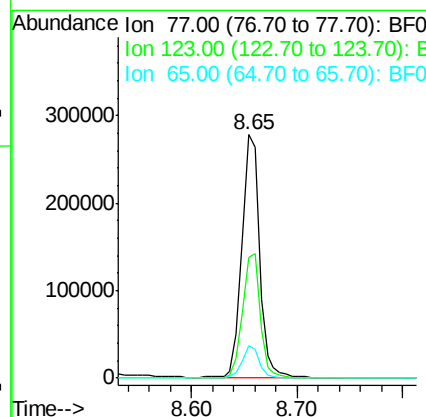
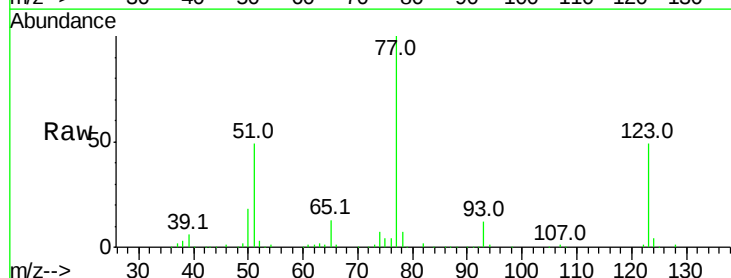
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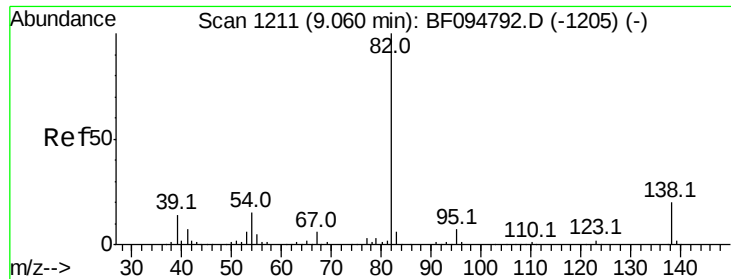
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#24
 Nitrobenzene
 Concen: 47.80 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	35.8	53.8
65	13.1	10.6	15.8





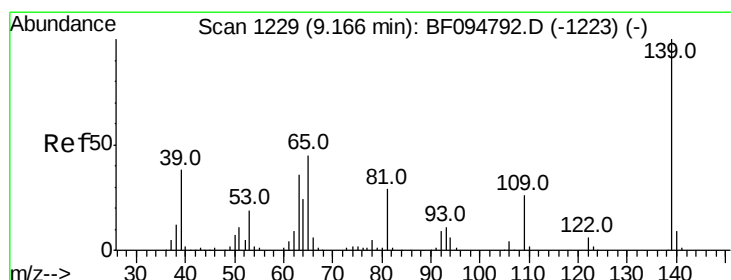
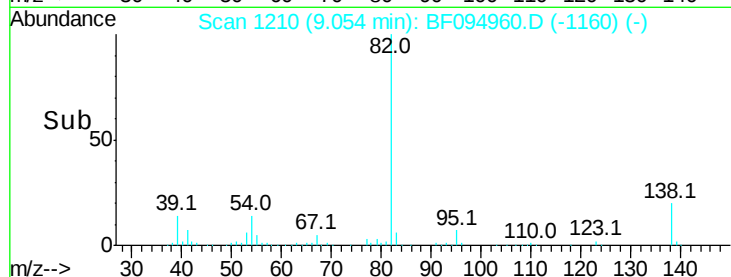
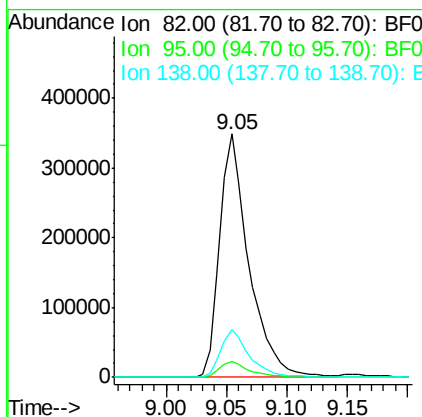
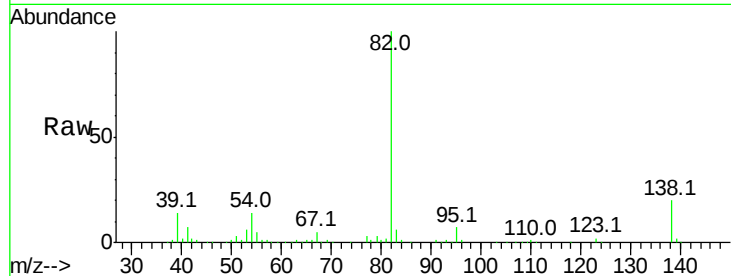
#25
Isophorone
Concen: 51.61 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	586717		
95	6.6		5.3	7.9
138	19.7		13.1	19.7#

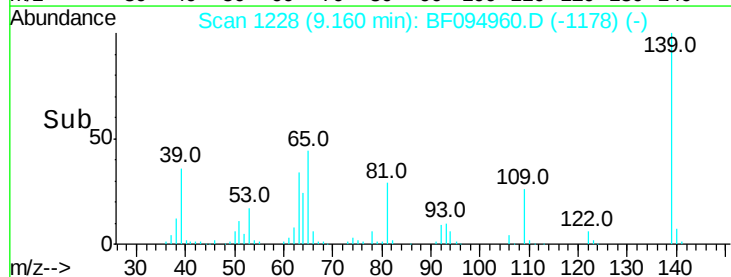
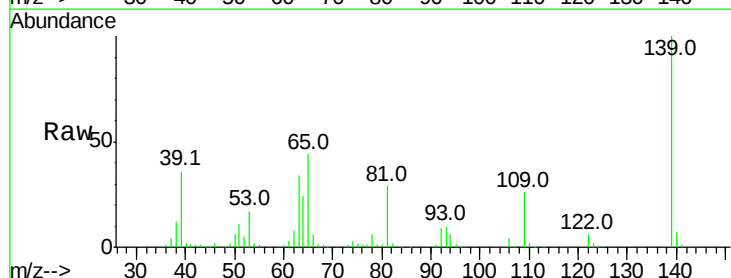
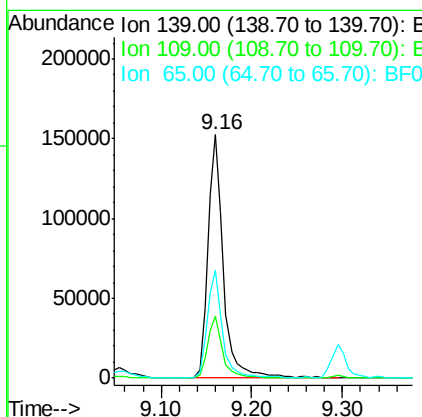
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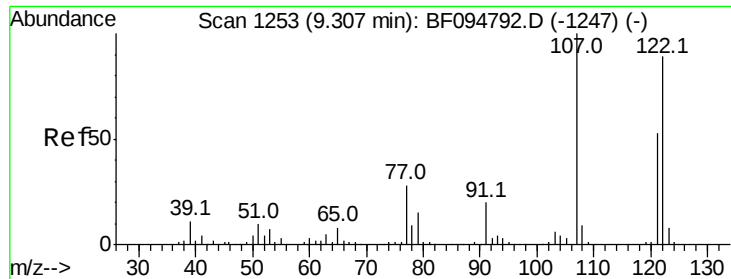
mohammad
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#26
2-Nitrophenol
Concen: 50.82 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	182981		
109	25.6		21.0	31.6
65	44.4		33.0	49.6





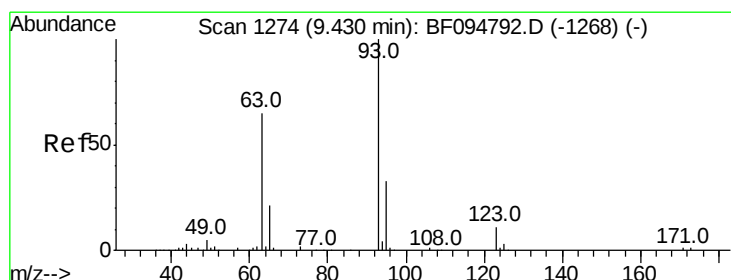
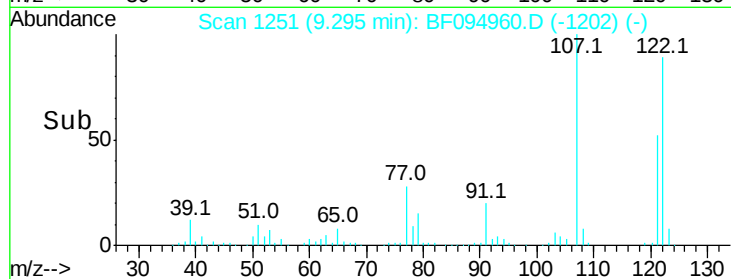
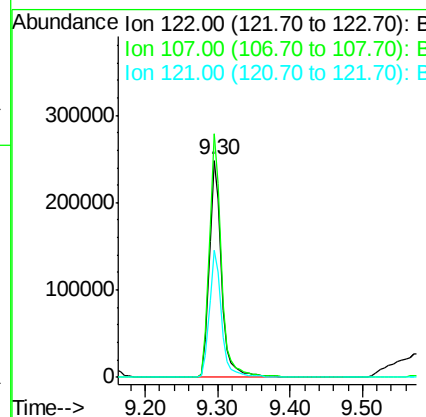
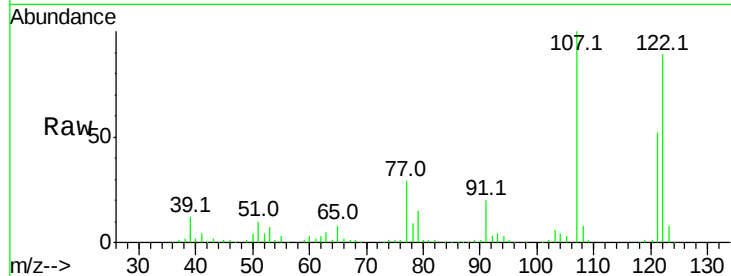
#27
 2,4-Dimethylphenol
 Concen: 50.47 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
293818	122	100			
	107	112.1	89.2	133.8	
	121	58.8	45.2	67.8	

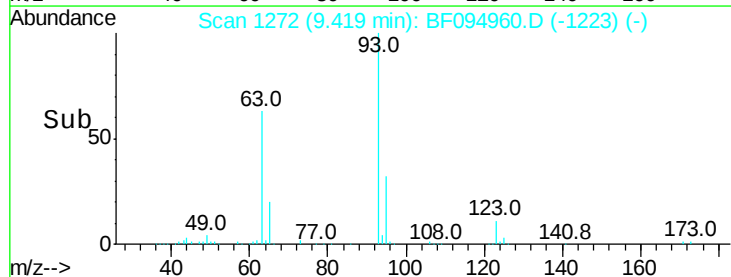
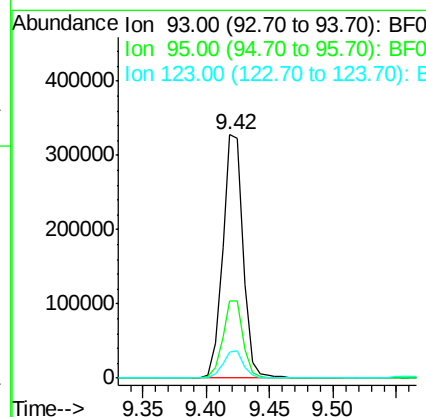
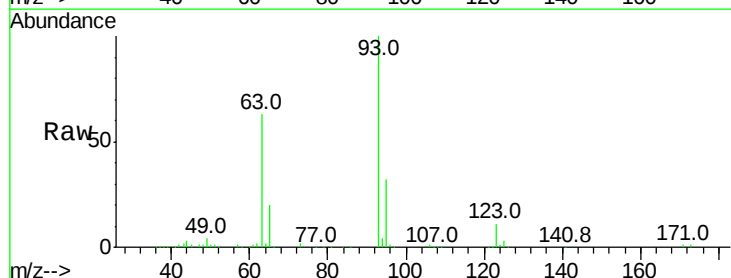
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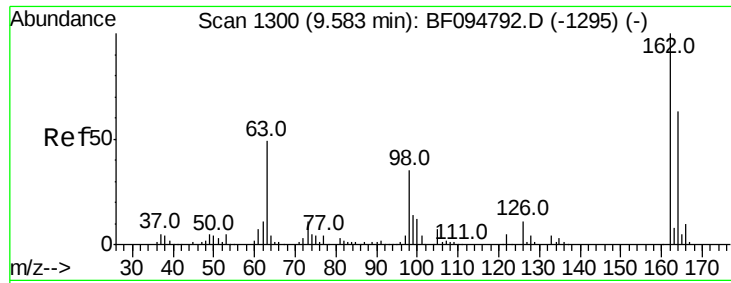
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.13 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
370585	93	100			
	95	31.9	26.5	39.7	
	123	10.7	9.0	13.4	





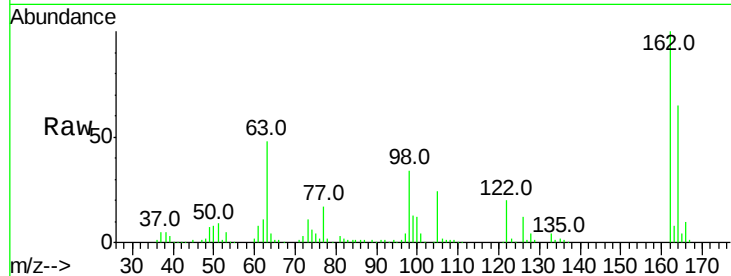
#29
 2,4-Dichlorophenol
 Concen: 49.95 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

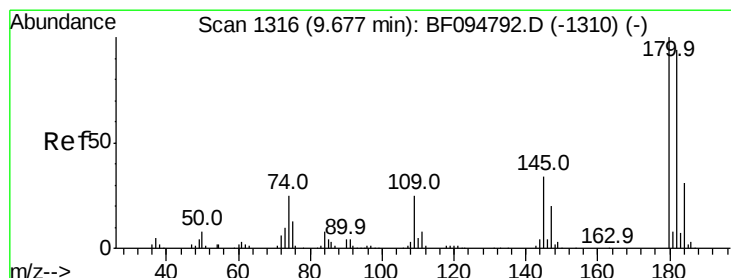
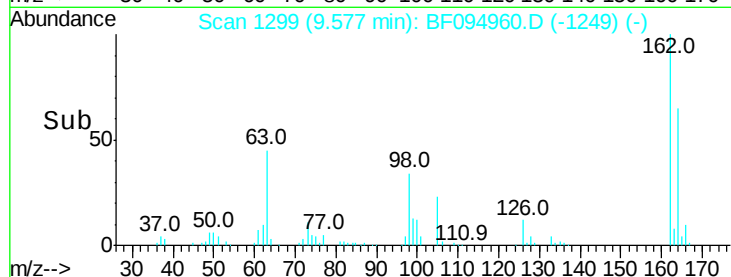
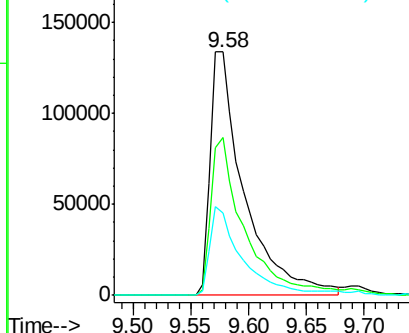
Tot Ion	Ratio	Resp	Lower	Upper
162	100	274574		
164	64.7		44.6	84.6
98	33.7		14.8	54.8

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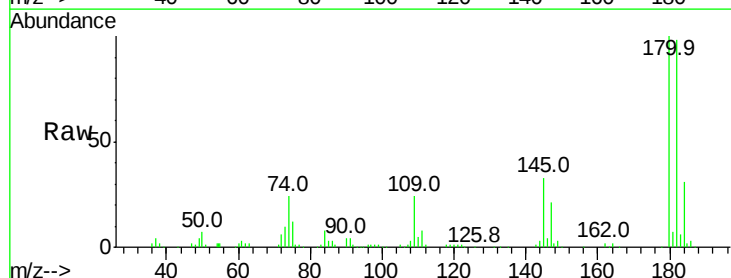


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

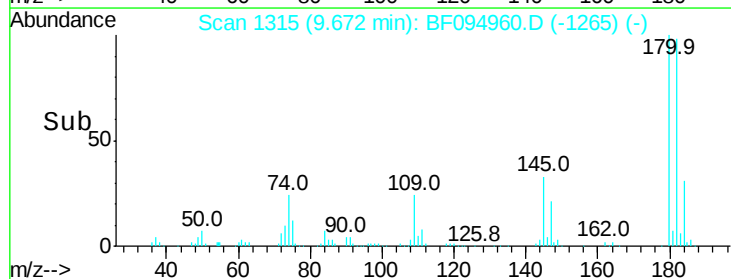
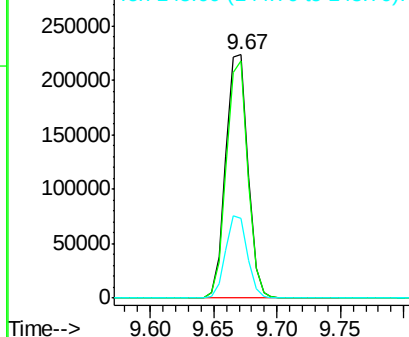


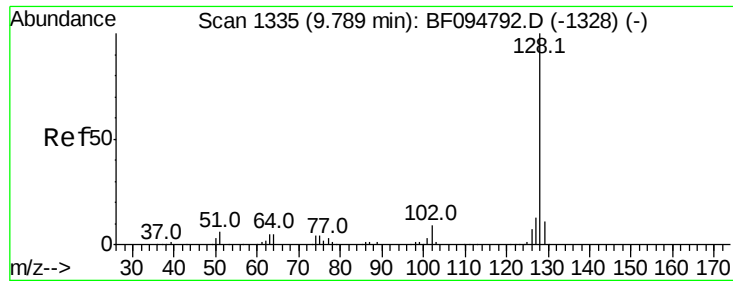
#30
 1,2,4-Trichlorobenzene
 Concen: 45.98 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	270799		
182	97.6		75.8	113.6
145	32.5		25.3	37.9



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





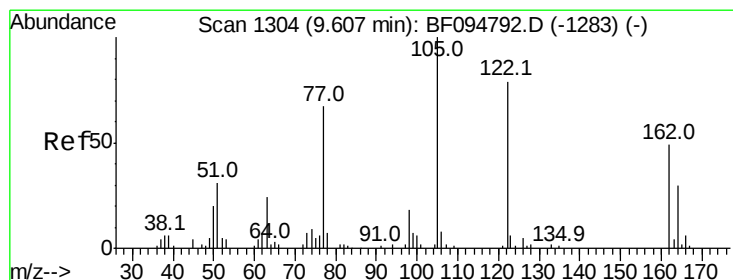
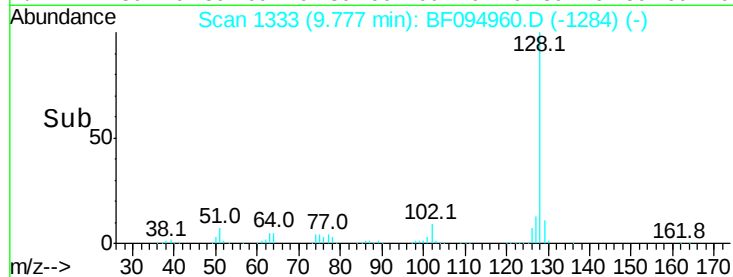
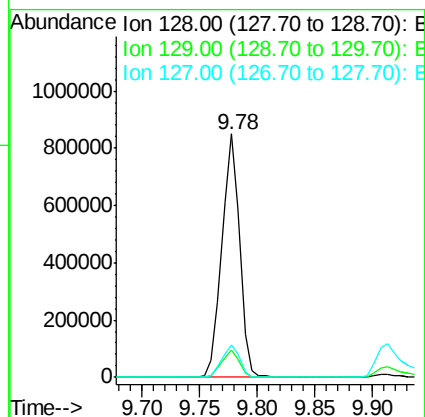
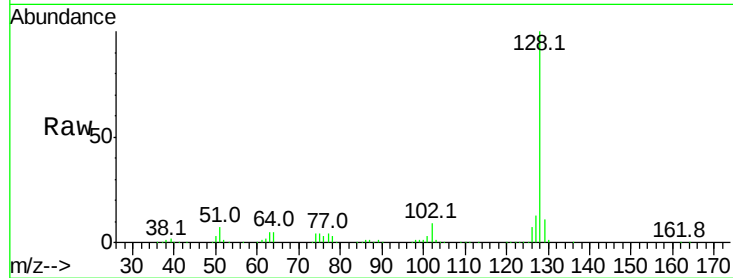
#31
Naphthalene
Concen: 45.04 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	9.0	13.6	
127	13.3	10.8	16.2	

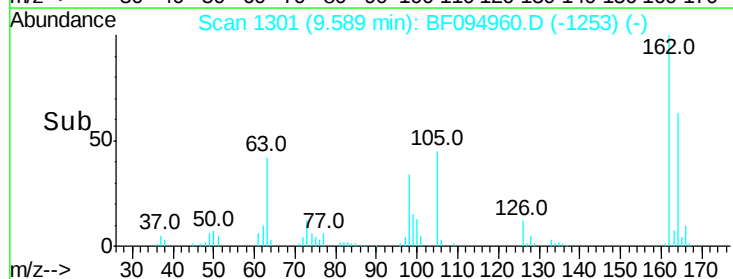
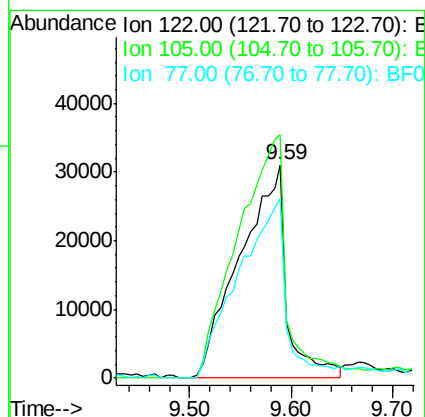
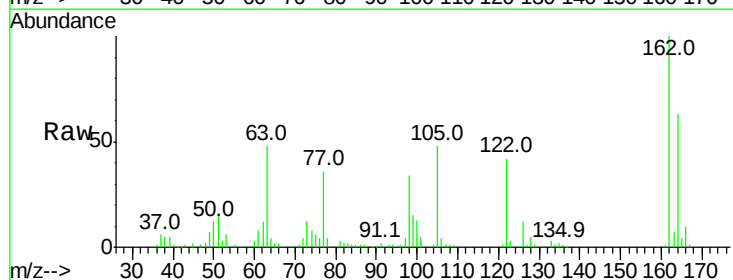
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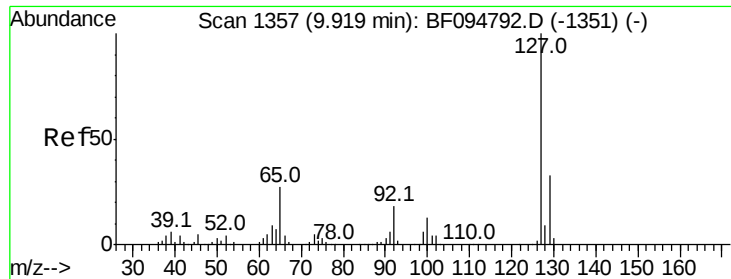
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#32
Benzoic acid
Concen: 28.21 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	114.2	103.3	143.3	
77	84.4	73.7	113.7	





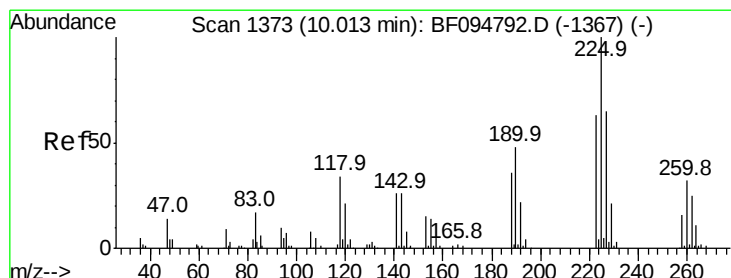
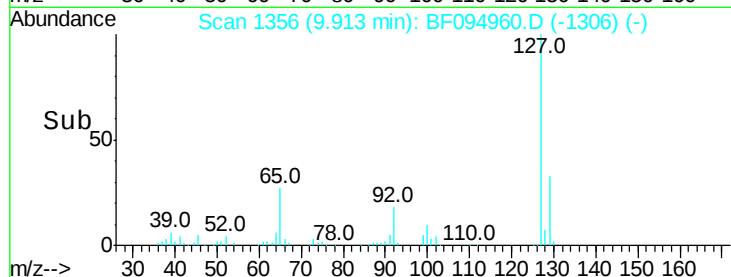
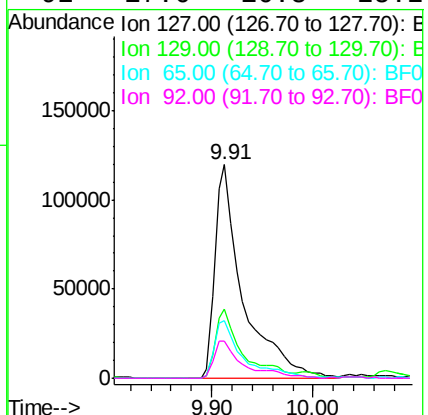
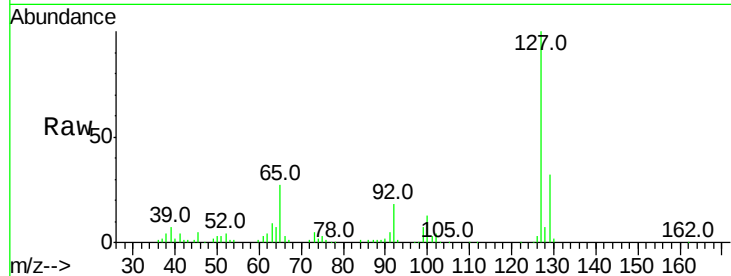
#33
4-Chloroaniline
Concen: 30.69 ng
RT: 9.91 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.2	39.2	
65	27.2	27.8	41.8	
92	17.6	16.8	25.2	

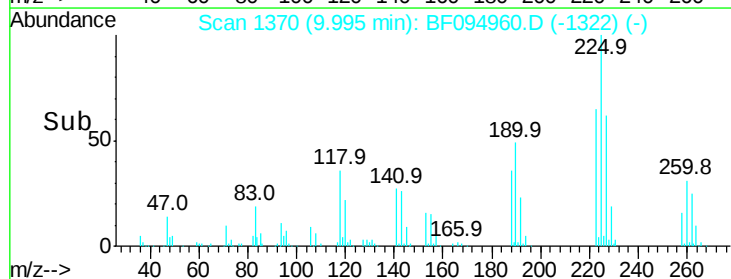
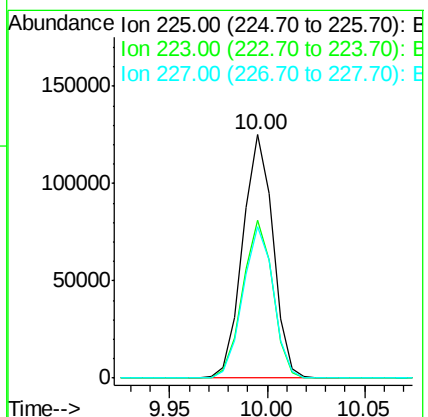
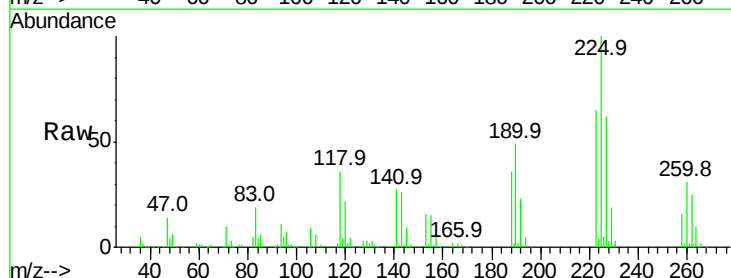
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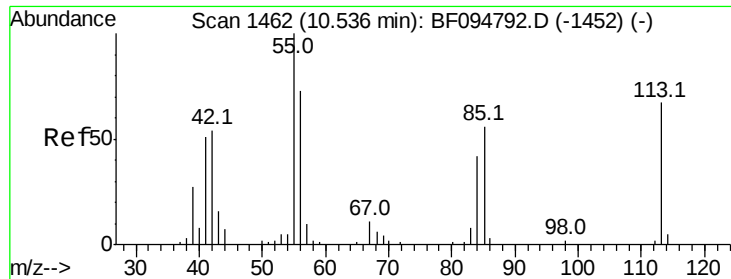
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#34
Hexachlorobutadiene
Concen: 43.37 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.7	48.8	73.2	
227	62.2	51.1	76.7	





#35

Caprolactam

Concen: 47.78 ng/mL

RT: 10.54 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

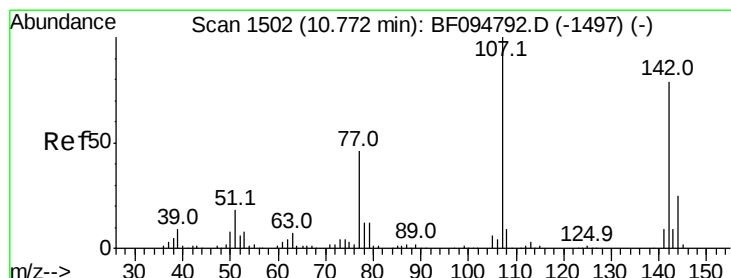
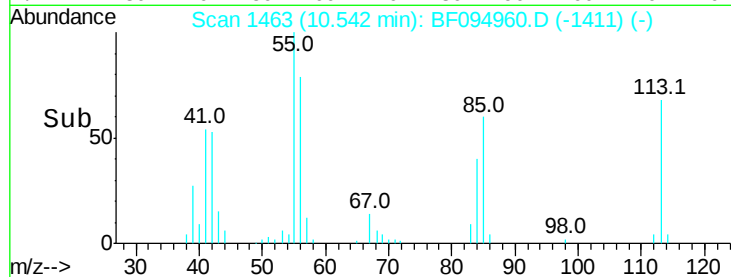
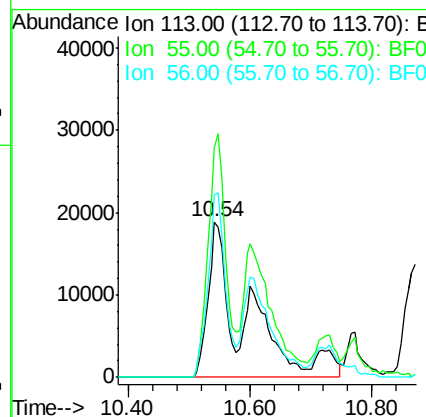
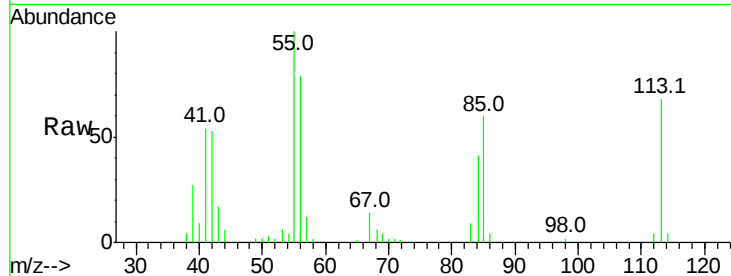
SB-02-COMPMSD

Tot Ion:113 Resp: 78862

Ion	Ratio	Lower	Upper
113	100		
55	147.8	150.2	190.2#
56	116.8	107.8	147.8

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#36

4-Chloro-3-methylphenol

Concen: 49.57 ng/mL

RT: 10.77 min Scan# 1502

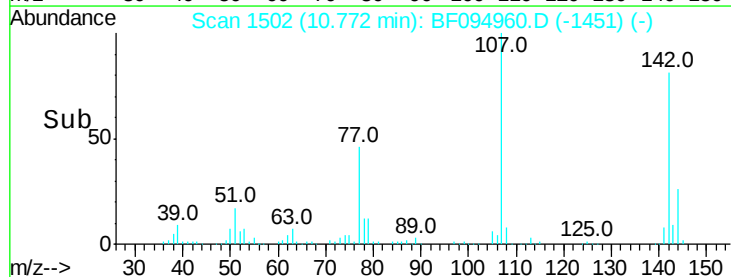
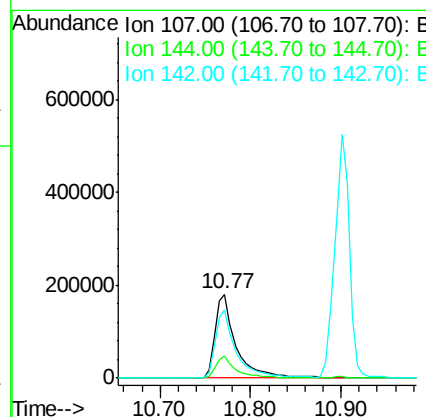
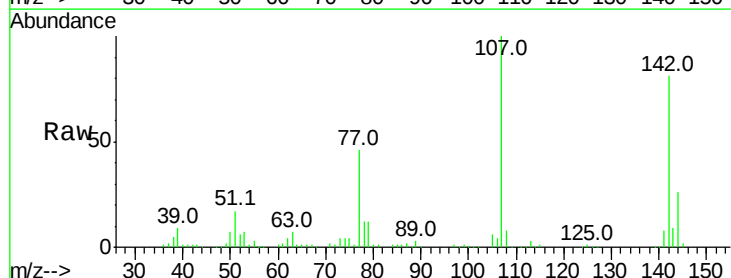
Delta R.T. 0.00 min

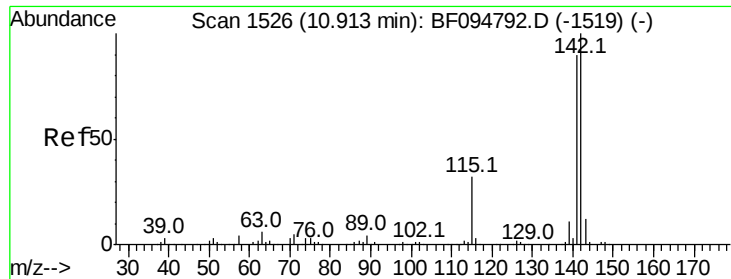
Lab File: BF094960.D

Acq: 6 May 2017 14:34

Tgt Ion:107 Resp: 291295

Ion	Ratio	Lower	Upper
107	100		
144	26.2	24.2	36.4
142	81.4	73.4	110.0





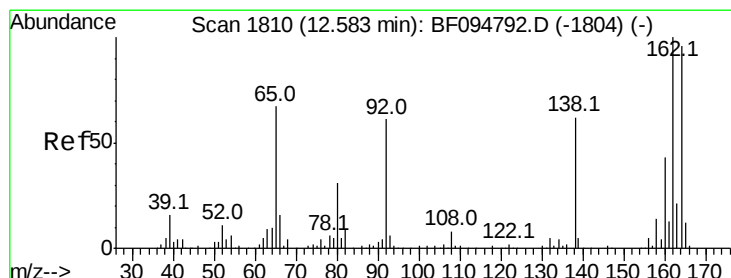
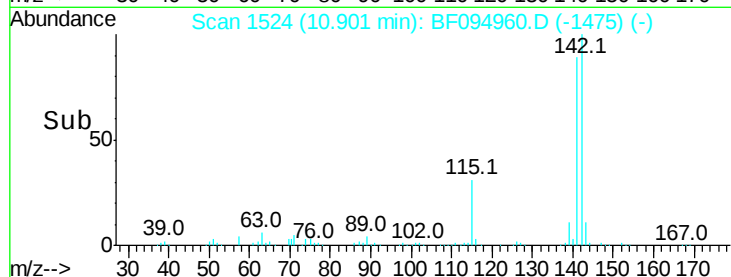
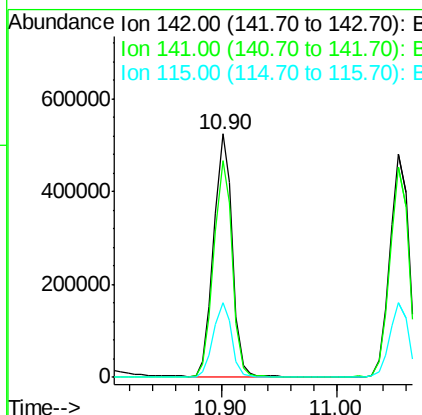
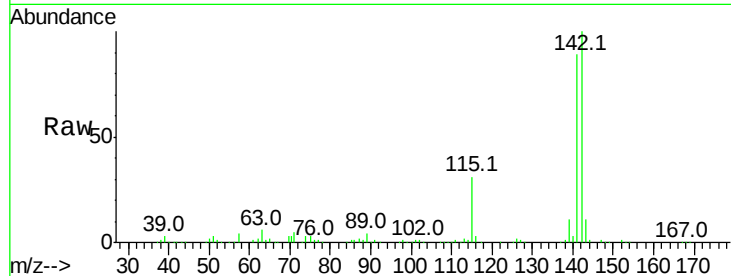
#37
2-Methylnaphthalene
Concen: 44.49 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	589150		
141	89.1	71.3	106.9	
115	30.7	27.1	40.7	

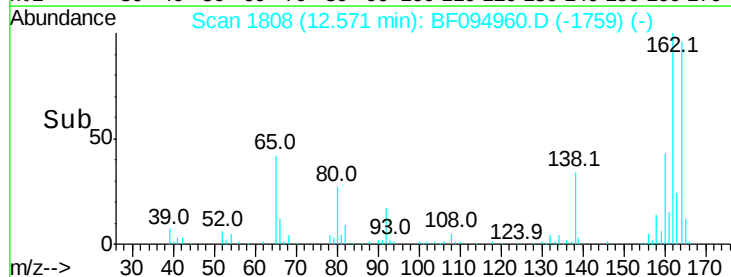
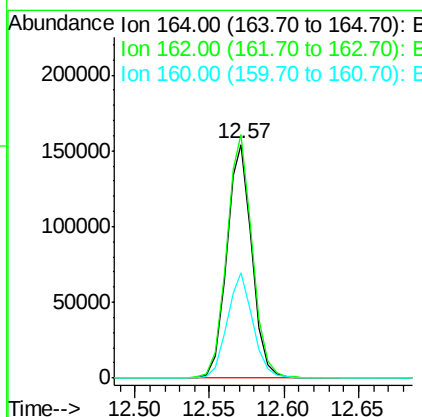
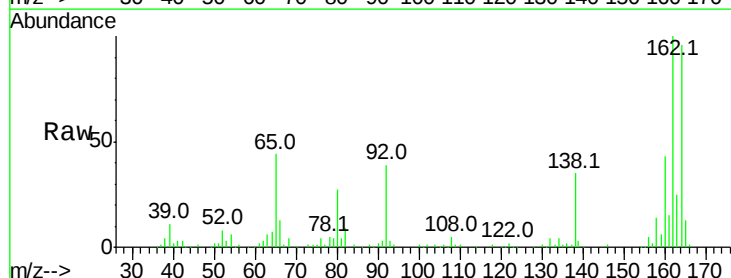
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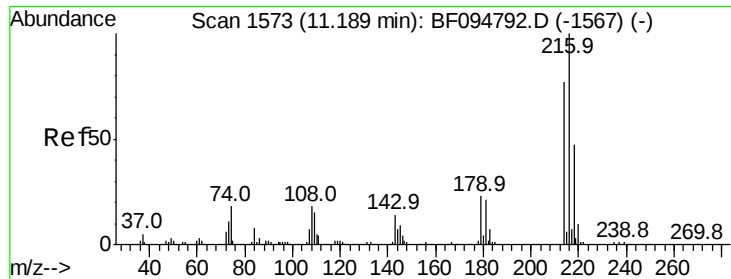
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	181526		
162	104.3	82.6	123.8	
160	45.1	36.2	54.2	





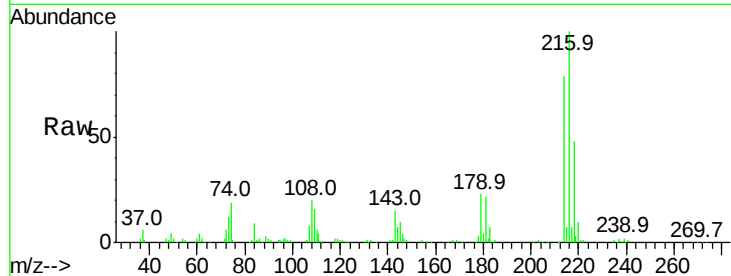
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.33 ng
 RT: 11.18 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

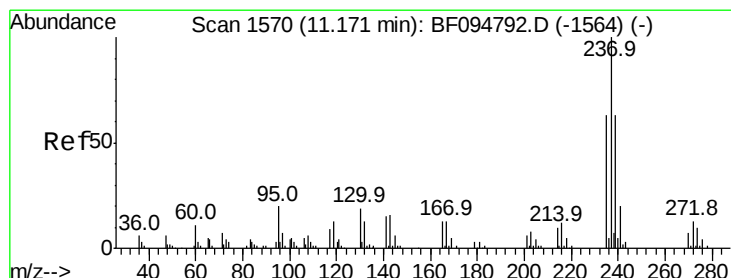
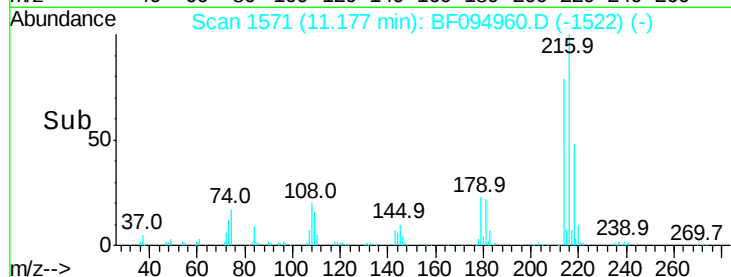
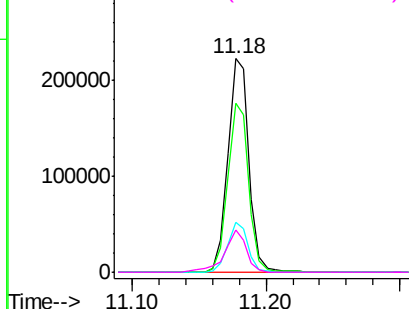
Tot Ion	Ratio	Resp	Lower	Upper
216	100	247492		
214	78.7	63.4	95.2	
179	22.4	17.9	26.9	
108	20.5	16.5	24.7	

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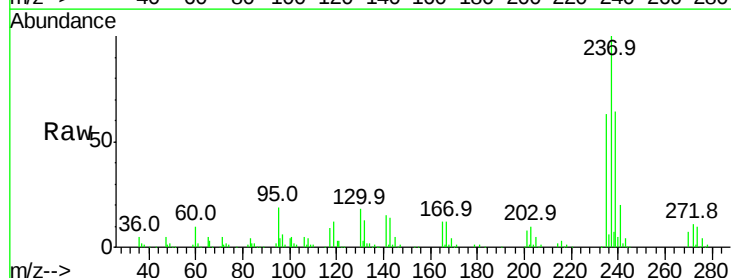


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

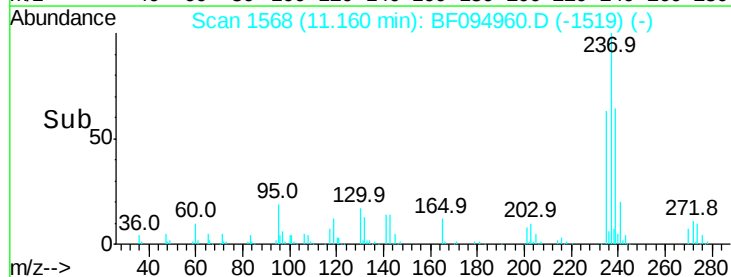
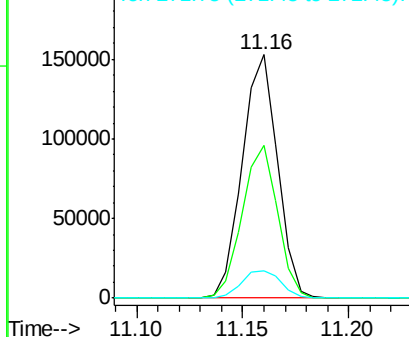


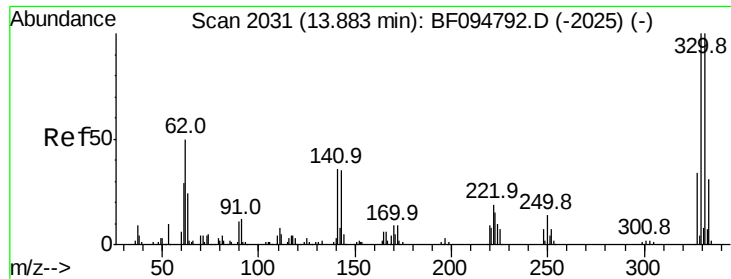
#40
 Hexachlorocyclopentadiene
 Concen: 76.02 ng
 RT: 11.16 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	177642		
235	62.5	42.6	82.6	
272	11.3	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





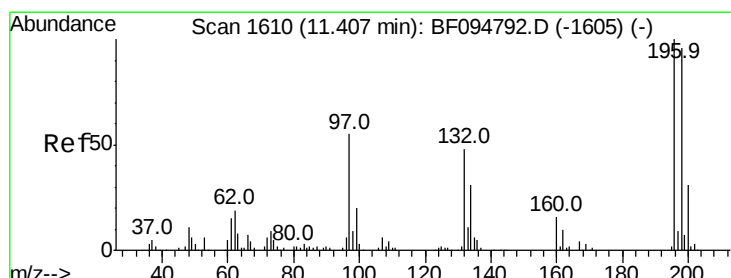
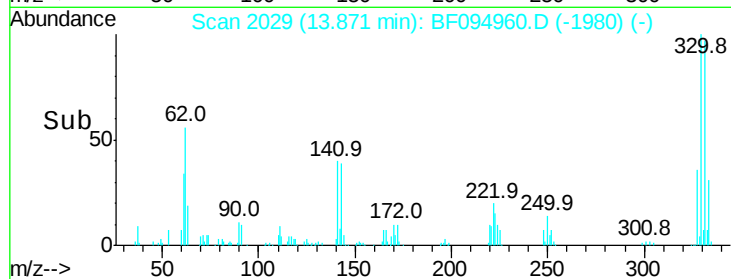
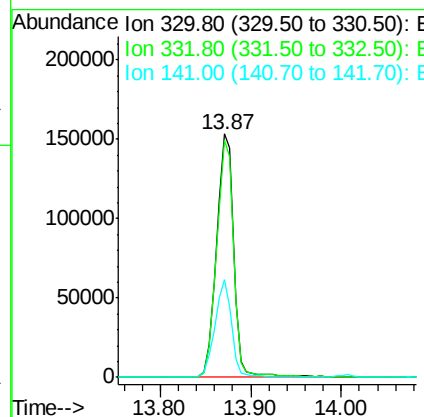
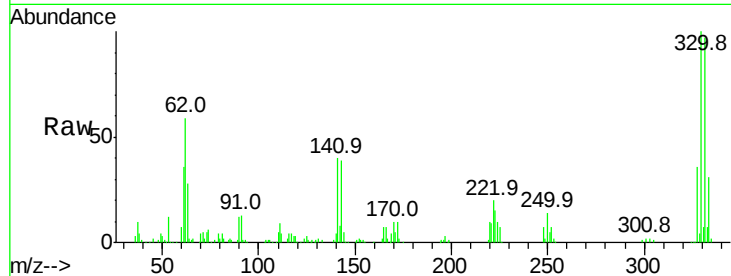
#41
 2,4,6-Tribromophenol
 Concen: 136.44 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	202833		
332	96.9	76.6	115.0	
141	39.2	31.4	47.2	

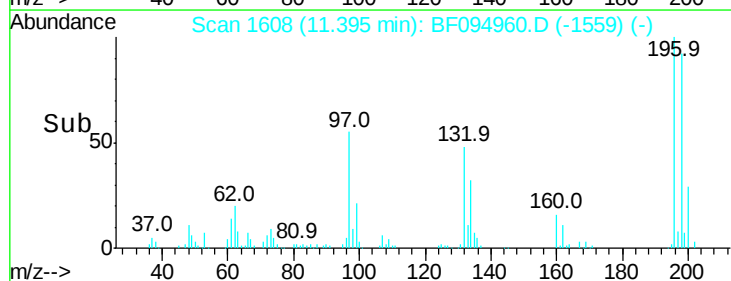
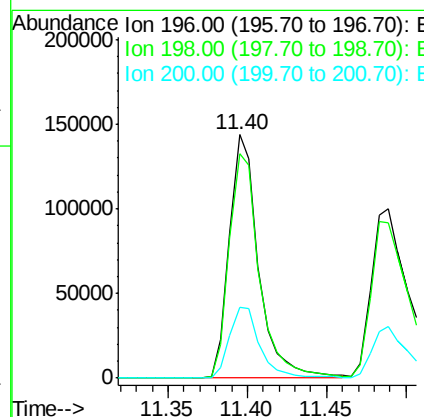
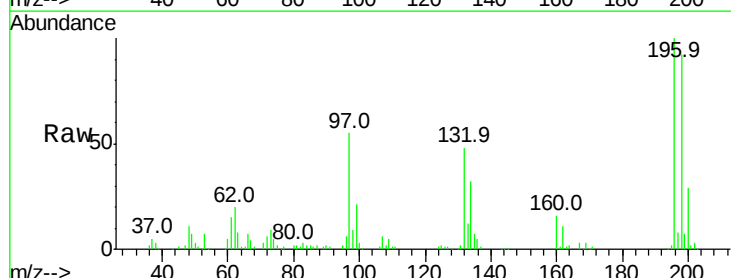
Manual Integrations
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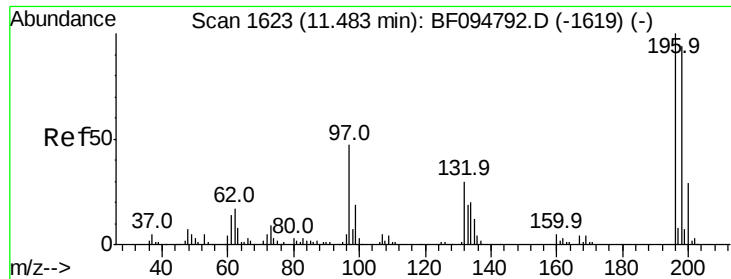
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 49.48 ng
 RT: 11.40 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	184418		
198	92.4	74.2	111.4	
200	29.0	24.0	36.0	





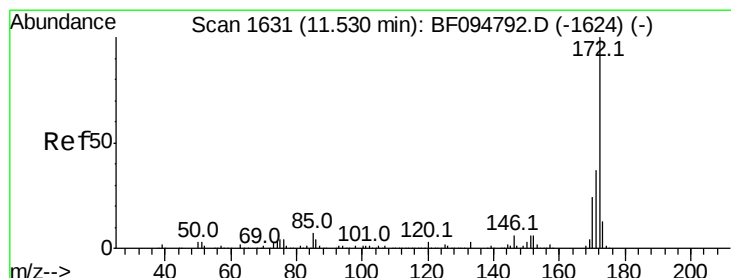
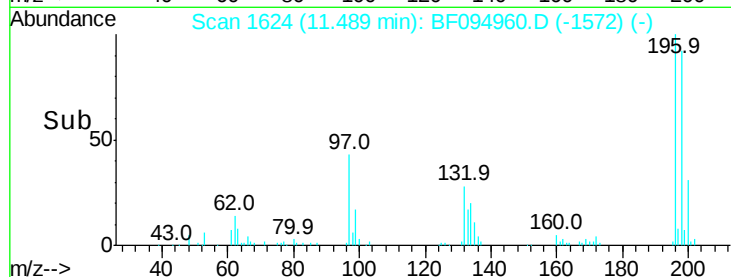
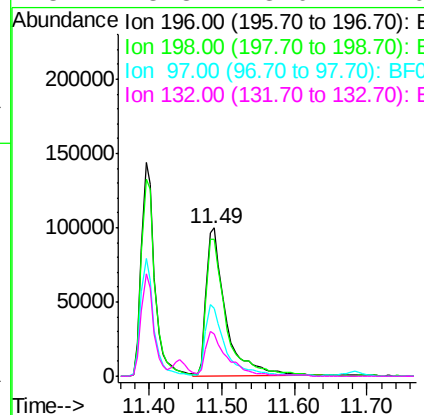
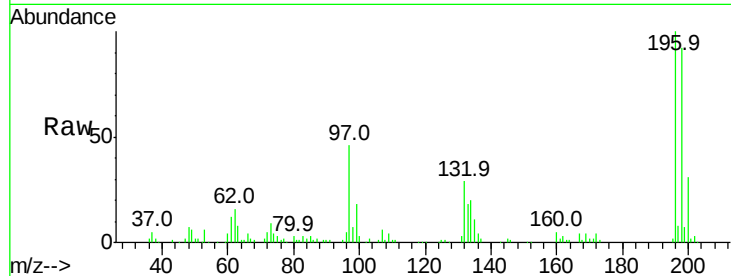
#43
 2,4,5-Trichlorophenol
 Concen: 47.06 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	188516		
198	92.1	75.7	113.5	
97	45.6	47.7	71.5#	
132	28.8	28.0	42.0	

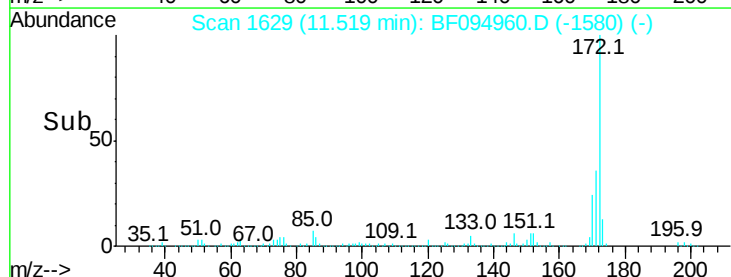
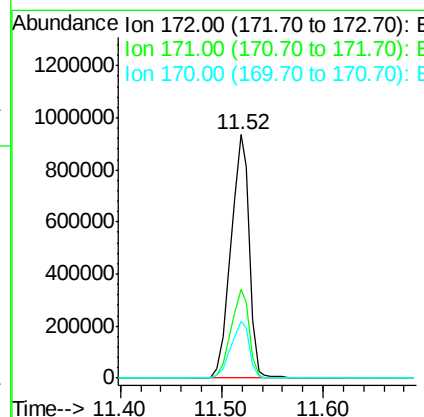
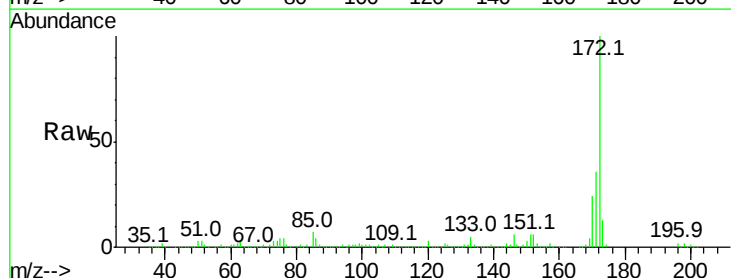
Manual Integrations
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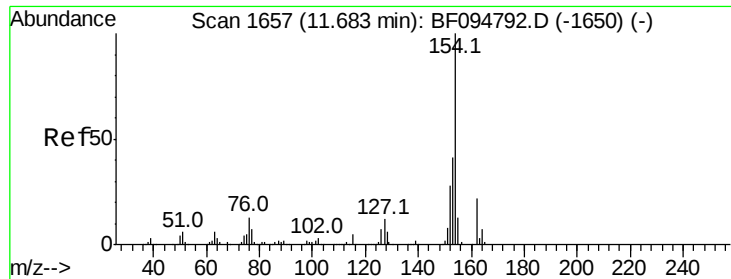
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 93.27 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1176345		
171	36.4	29.6	44.4	
170	23.5	19.8	29.8	





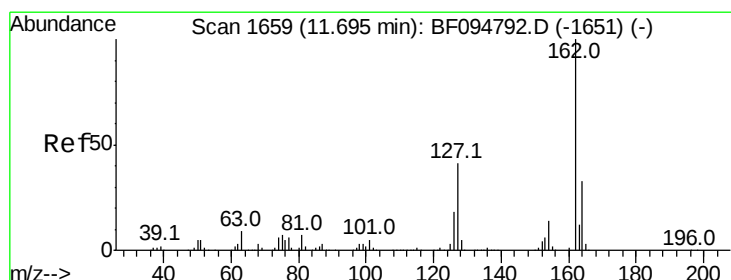
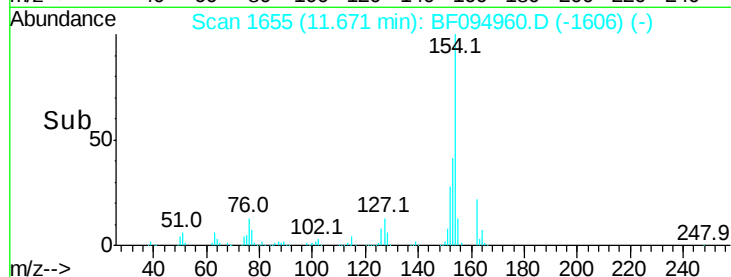
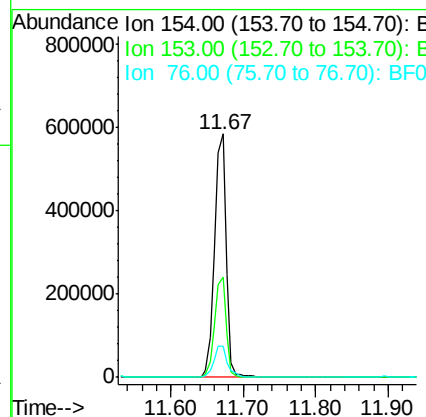
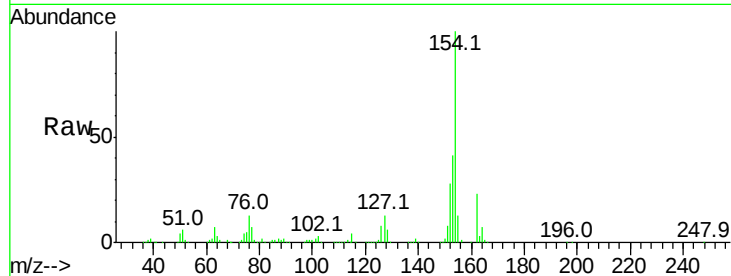
#45
 1,1'-Biphenyl
 Concen: 42.91 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	21.2	61.2	
76	12.9	0.0	29.9	

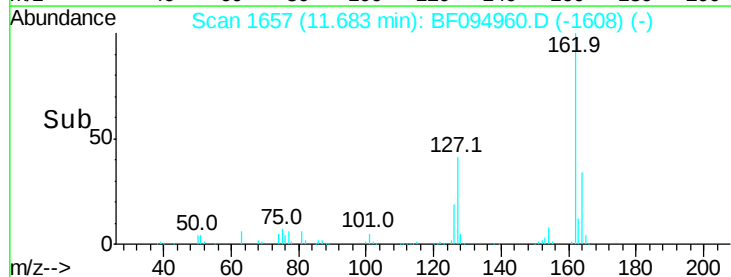
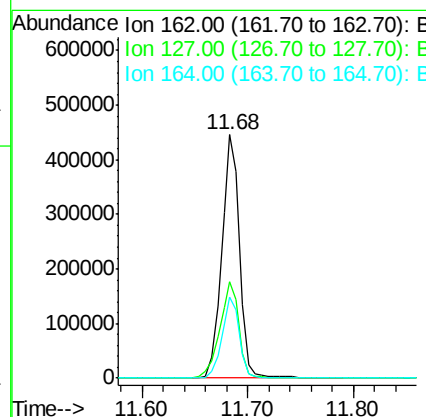
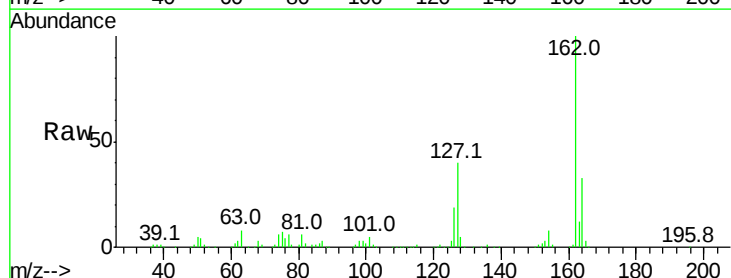
Manual Integrations
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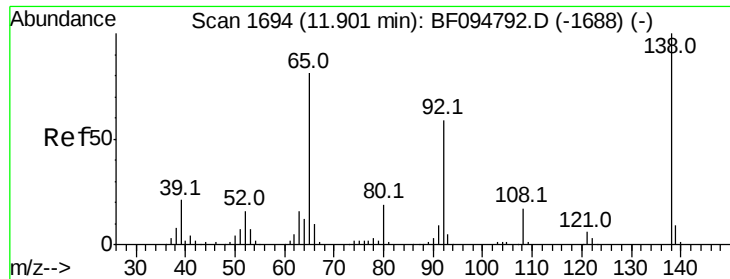
mohammad
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#46
 2-Chloronaphthalene
 Concen: 42.77 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.8	28.3	42.5	
164	33.1	27.0	40.4	





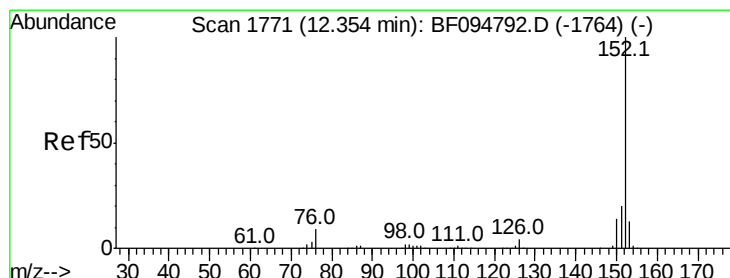
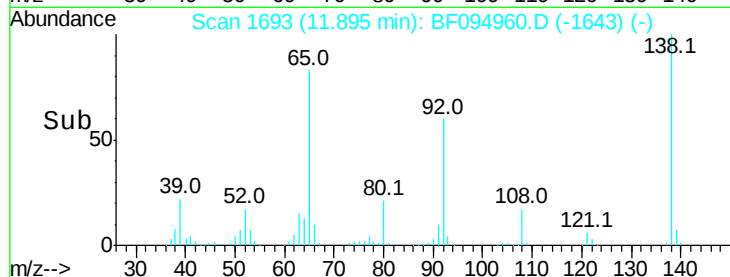
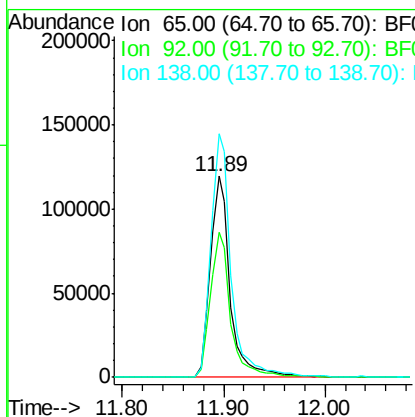
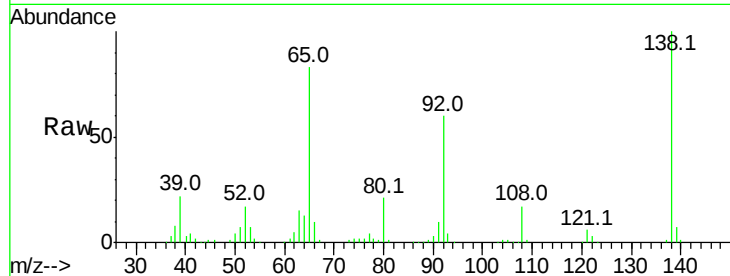
#47
 2-Nitroaniline
 Concen: 48.68 ng
 RT: 11.89 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion:	65	Resp:	164424
Ion Ratio	Lower	Upper	
65	100		
92	72.3	53.9	80.9
138	121.2	78.8	118.2#

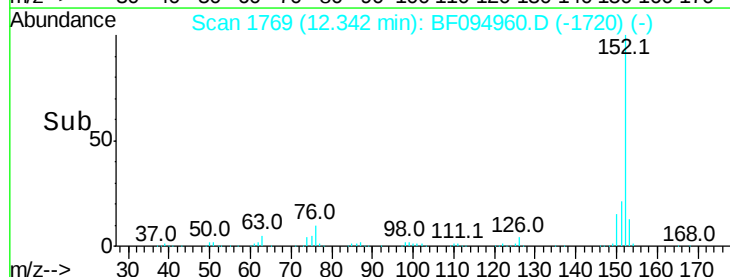
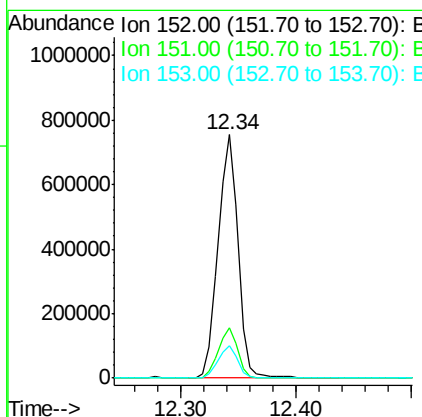
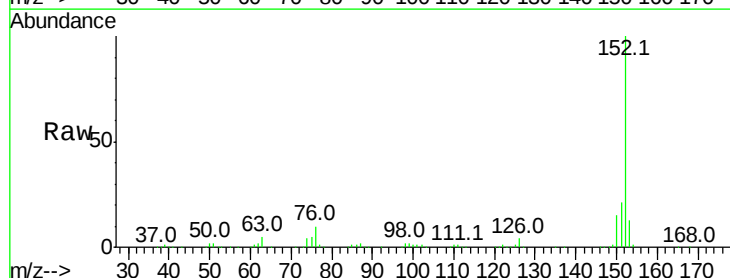
Manual Integrations
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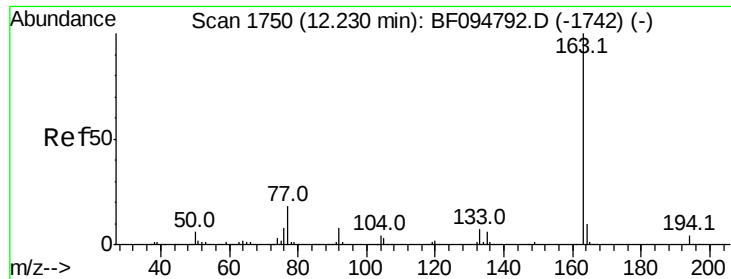
mohammad
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#48
 Acenaphthylene
 Concen: 46.80 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion:	152	Resp:	904613
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.8	25.2
153	13.3	10.8	16.2





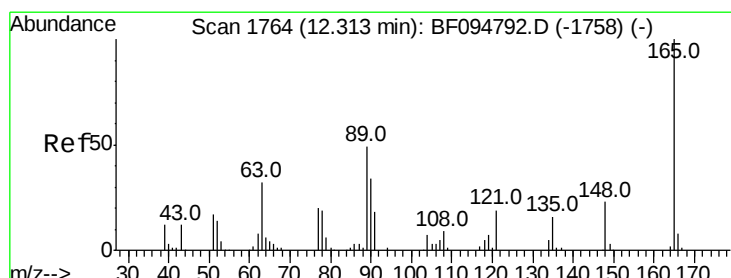
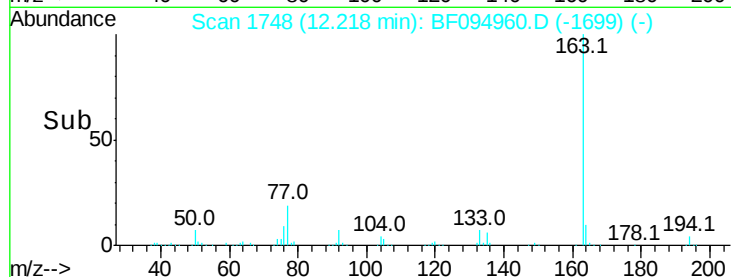
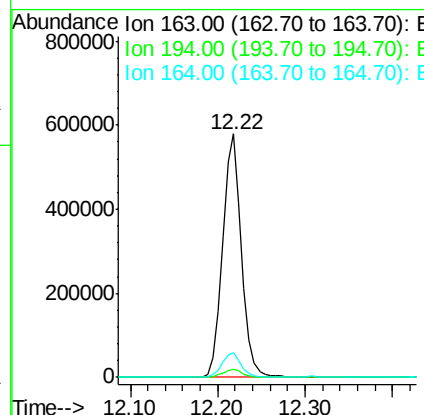
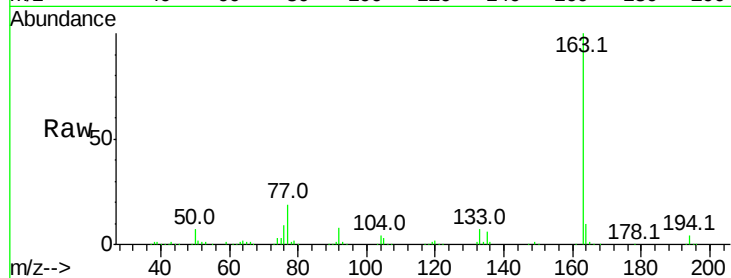
#49
Dimethylphthalate
Concen: 57.32 ng
RT: 12.22 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	854211		
194	3.5		2.6	4.0
164	10.1		8.4	12.6

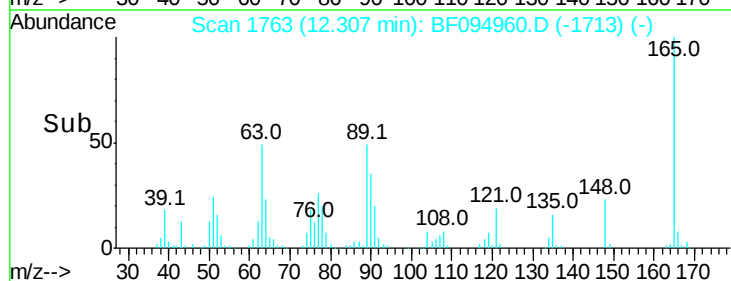
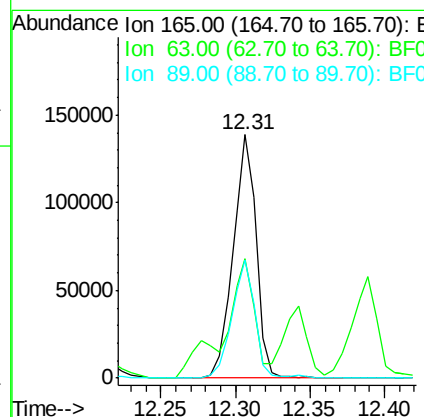
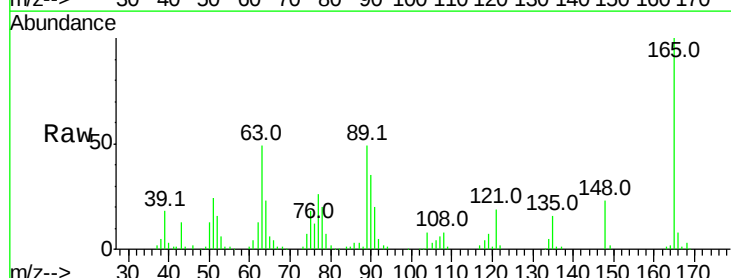
Manual Integrations
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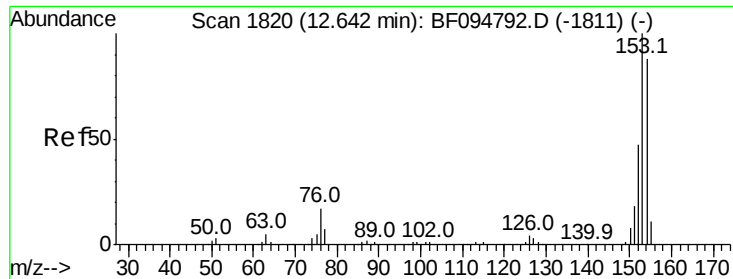
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#50
2,6-Dinitrotoluene
Concen: 49.75 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	151255		
63	49.2		34.3	51.5
89	48.7		37.1	55.7





#51

Acenaphthene

Concen: 46.64 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

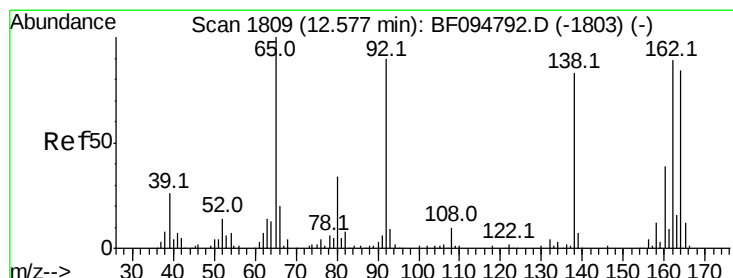
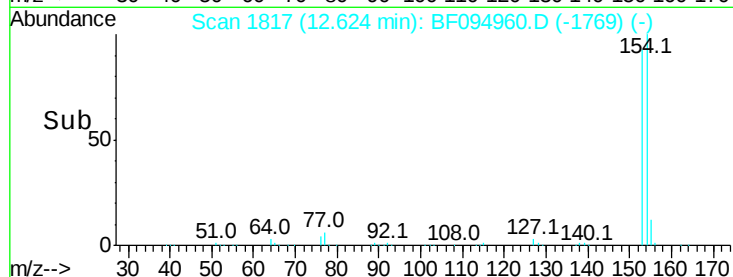
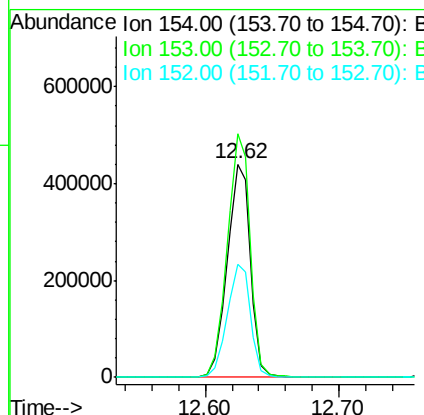
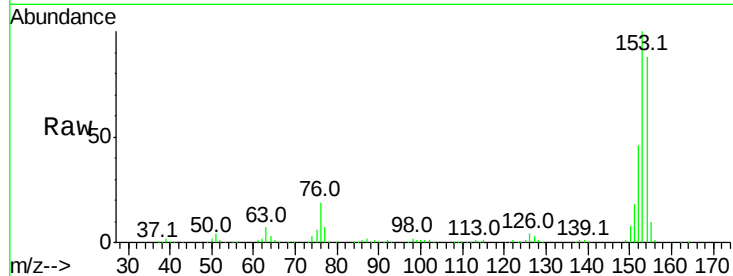
ClientSampleId :

SB-02-COMPMSD

Tot Ion:	154	Resp:	538515
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.5	135.7
152	52.9	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 34.68 ng

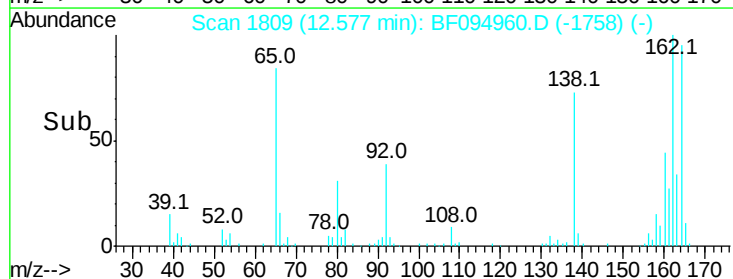
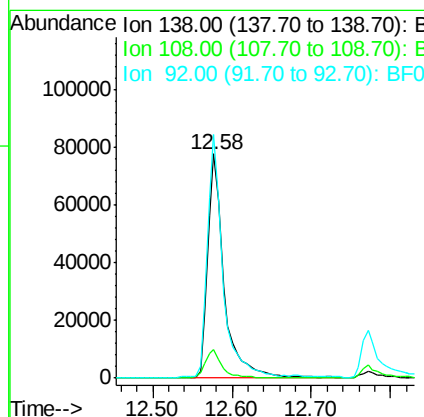
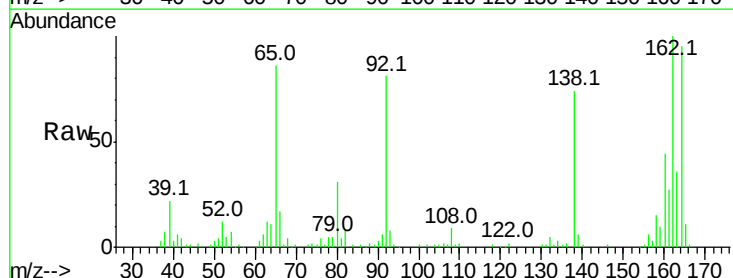
RT: 12.58 min Scan# 1809

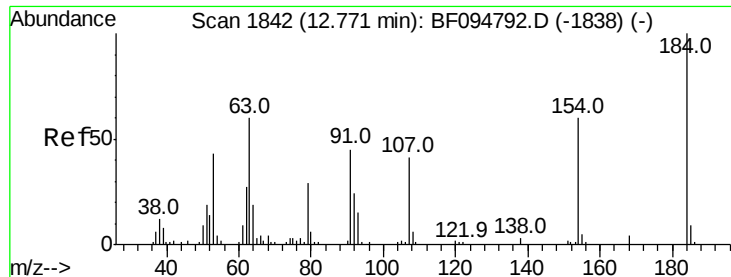
Delta R.T. 0.00 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Tgt Ion:	138	Resp:	113154
Ion Ratio	Lower	Upper	
138	100		
108	12.7	9.1	13.7
92	108.6	93.8	140.6





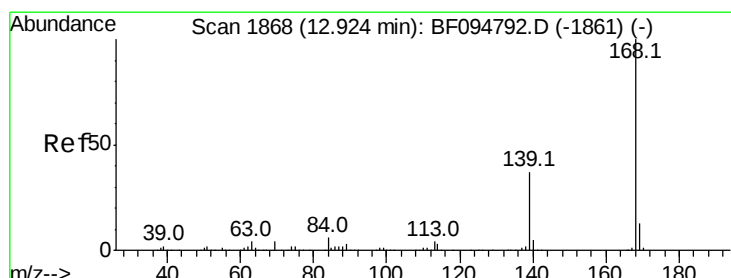
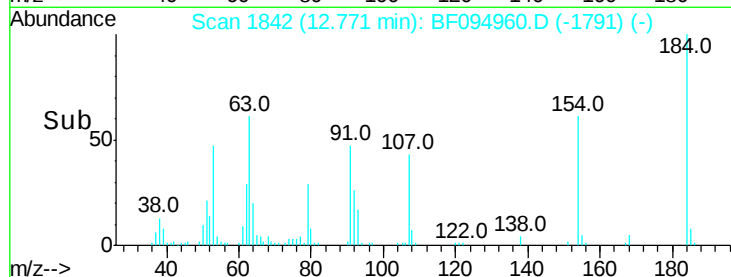
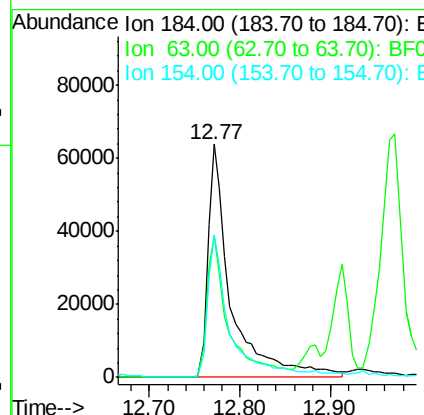
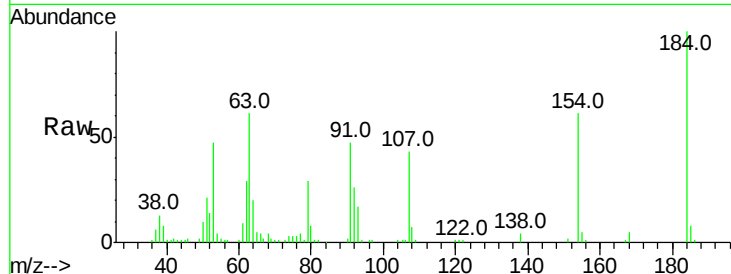
#53
 2,4-Dinitrophenol
 Concen: 68.79 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion:184 Resp: 113600
 Ion Ratio Lower Upper
 184 100
 63 60.5 62.7 94.1#
 154 61.4 81.1 121.7#

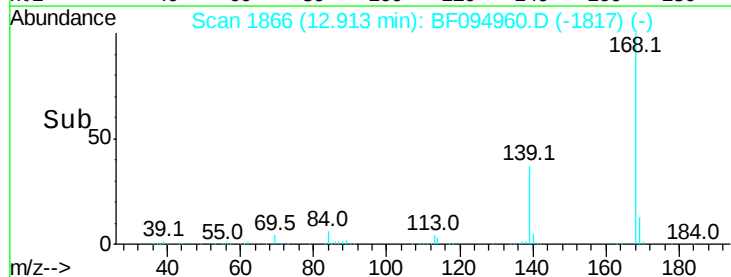
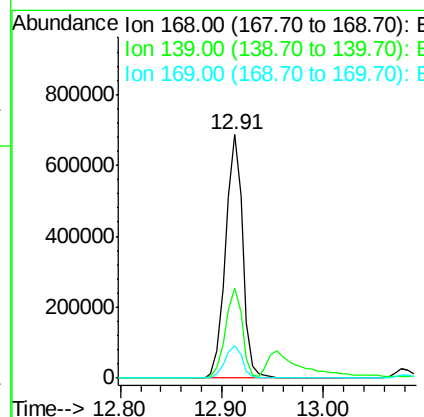
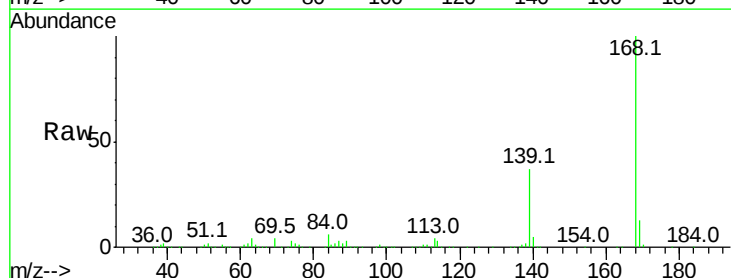
Manual Integrations
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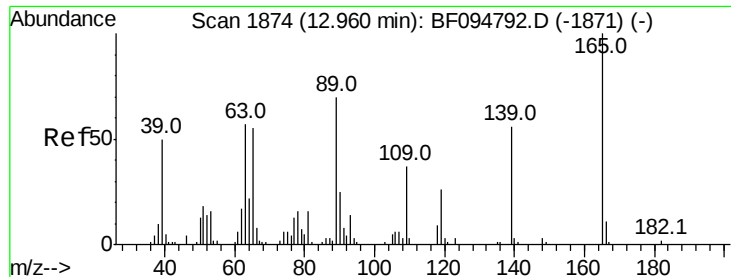
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#54
 Dibenzofuran
 Concen: 50.38 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion:168 Resp: 804879
 Ion Ratio Lower Upper
 168 100
 139 37.1 30.6 45.8
 169 13.2 10.8 16.2





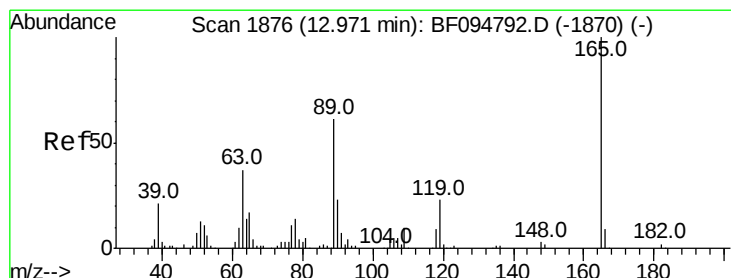
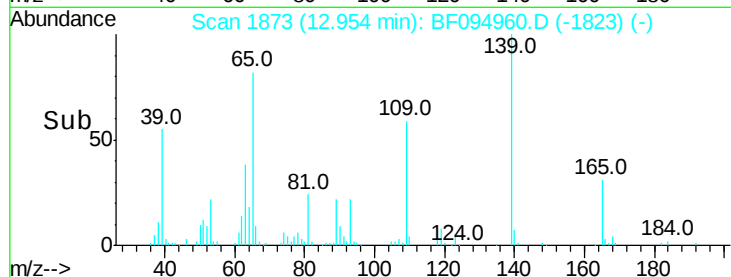
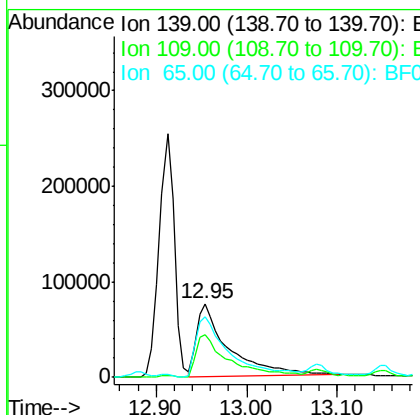
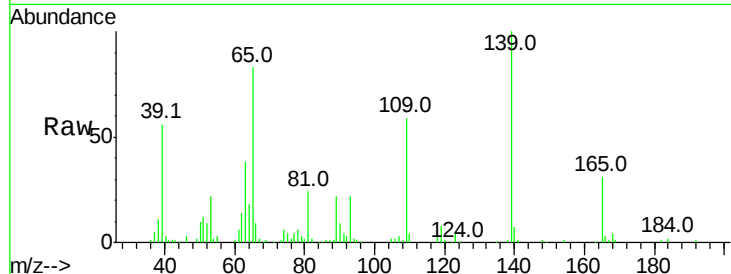
#55
4-Nitrophenol
Concen: 92.64 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	58.9	34.1	74.1	
65	83.2	31.4	71.4	

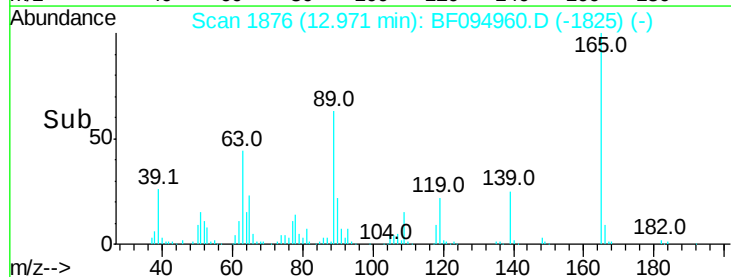
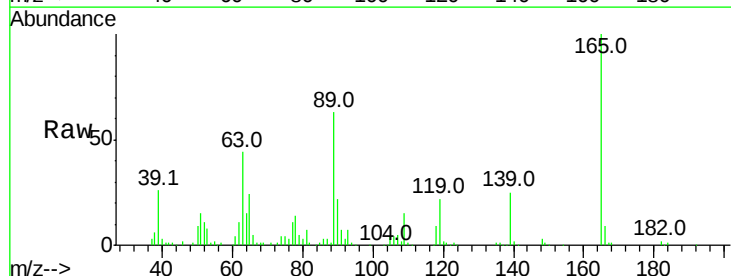
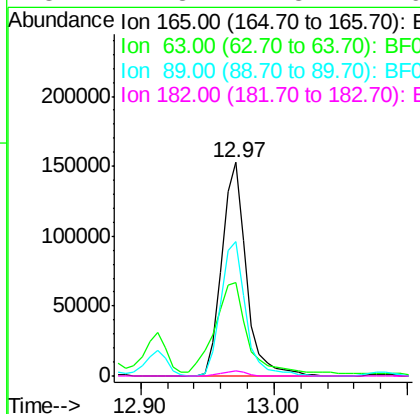
Manual Integrations
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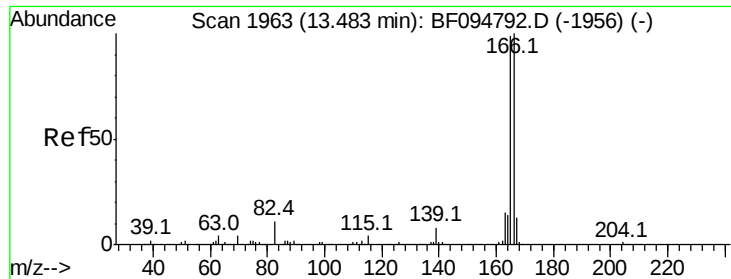
mohammad
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#56
2,4-Dinitrotoluene
Concen: 50.73 ng
RT: 12.97 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.7	25.4	38.0	
89	63.2	46.4	69.6	
182	2.3	1.8	2.6	





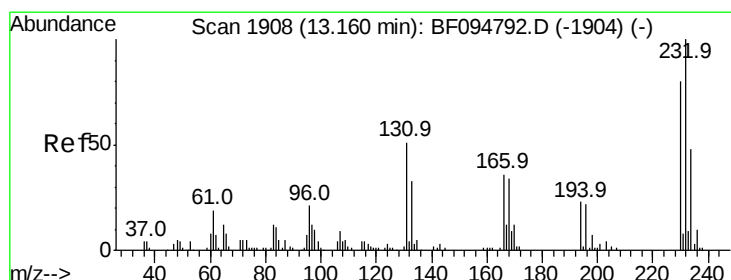
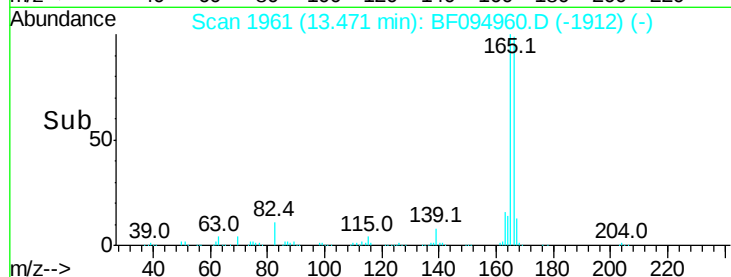
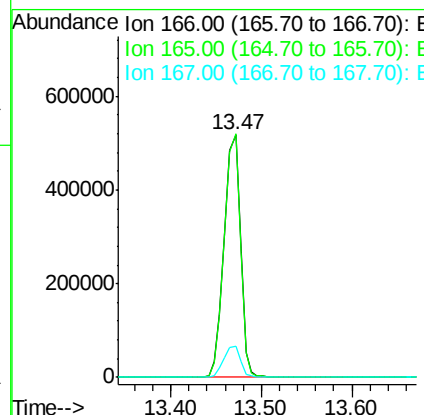
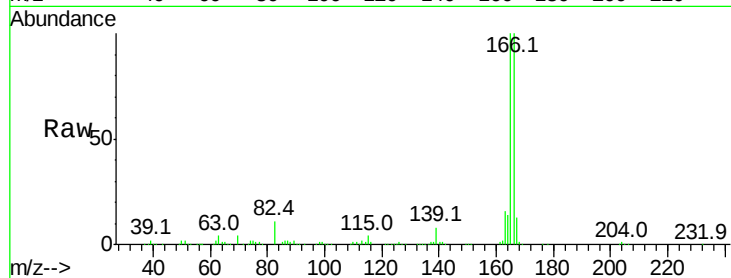
#57
 Fluorene
 Concen: 46.56 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	646810		
165	100.2		78.8	118.2
167	13.1		10.6	16.0

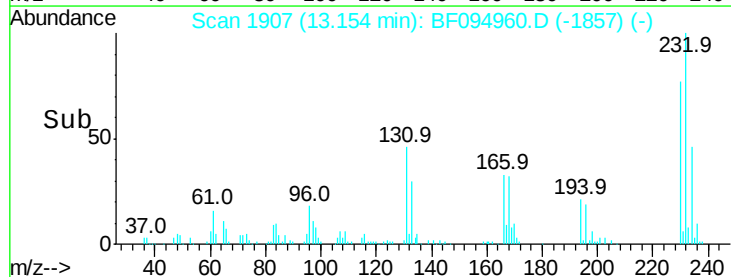
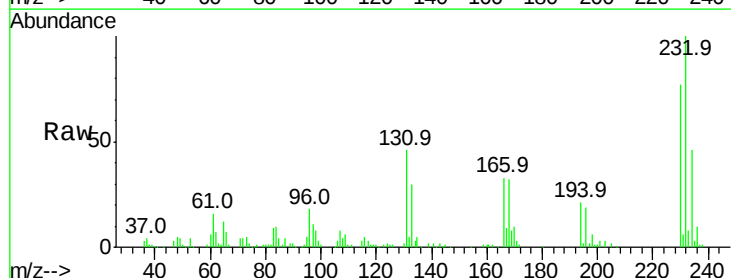
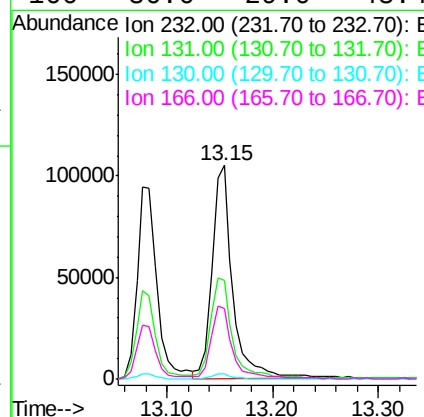
Manual Integrations
 APPROVED

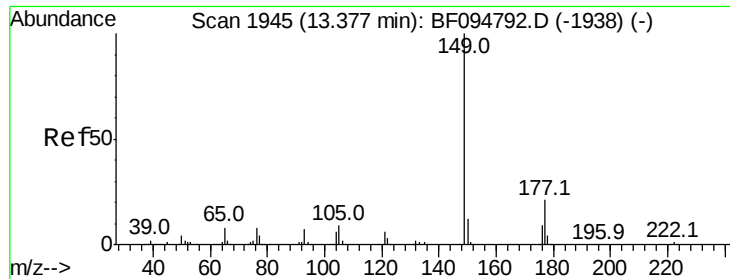
mohammad
 5/8/2017 5:43:56 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.29 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	141925		
131	50.0		44.8	67.2
130	2.2		2.3	3.5#
166	36.6		29.0	43.4





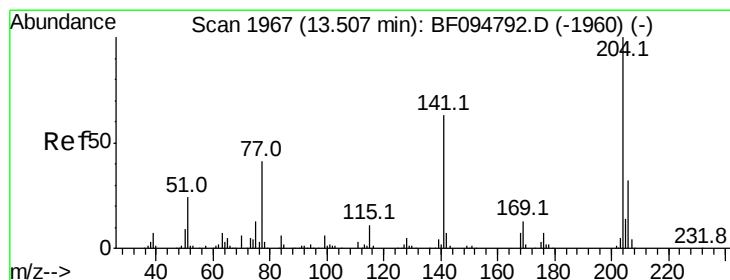
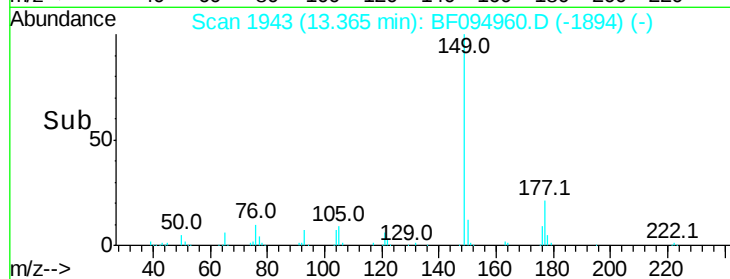
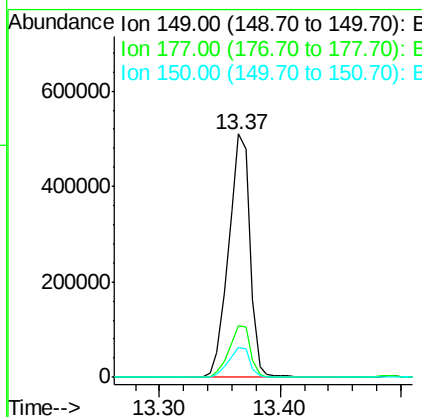
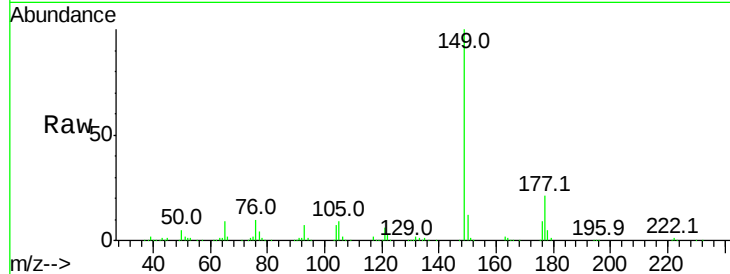
#59
Diethylphthalate
Concen: 44.00 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.4	10.2	15.2

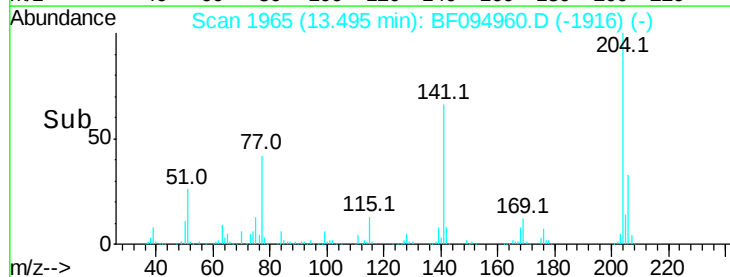
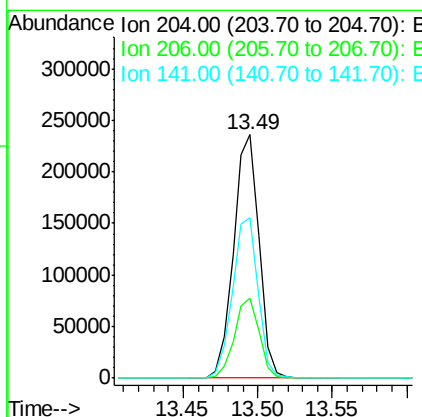
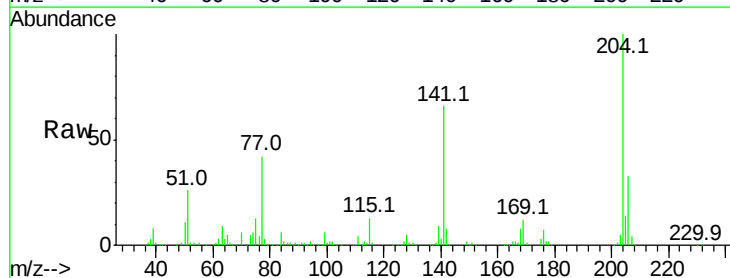
Manual Integrations
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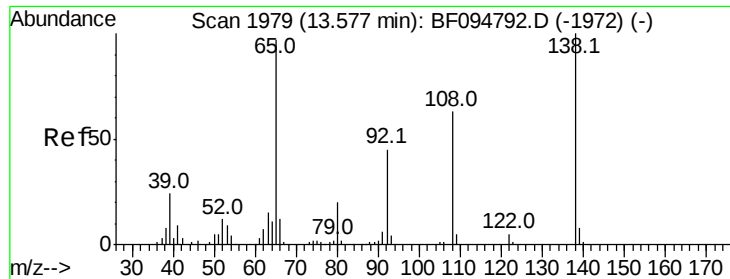
mohammad
5/8/2017 5:43:56 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.00 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	65.7	60.8	91.2





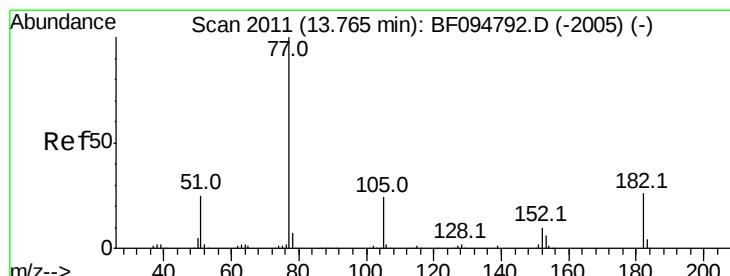
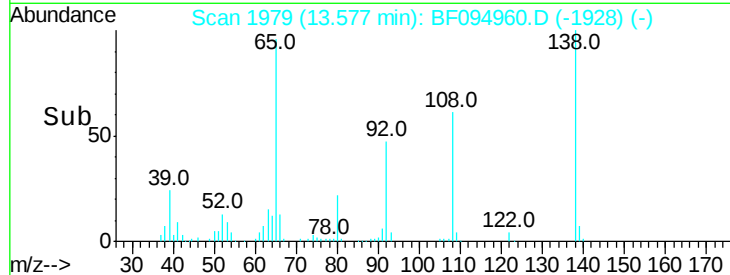
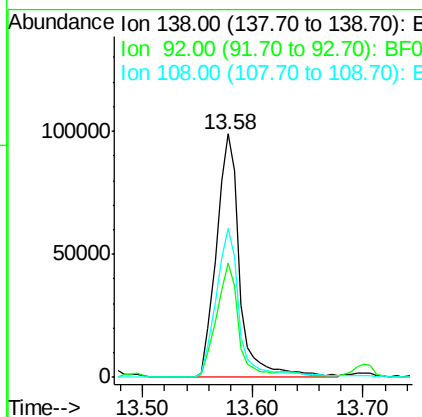
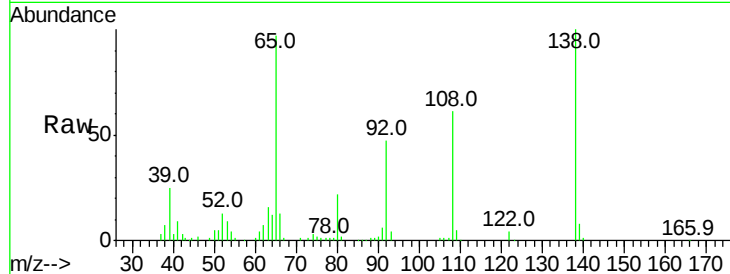
#61
4-Nitroaniline
Concen: 48.46 ng
RT: 13.58 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion:	138	Resp:	145174
Ion Ratio	Lower	Upper	
138	100		
92	47.0	21.8	61.8
108	61.0	42.3	82.3

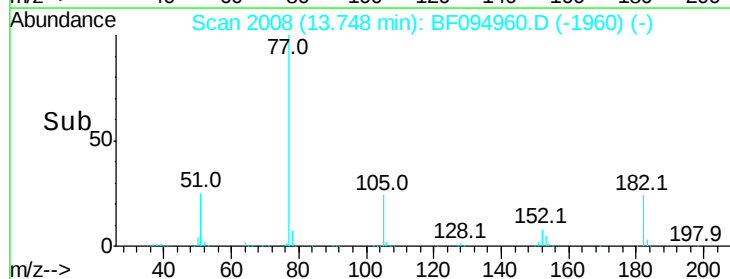
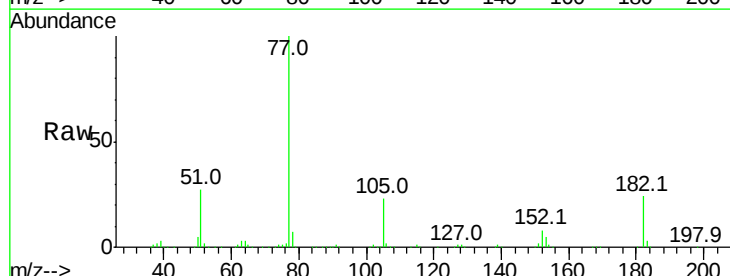
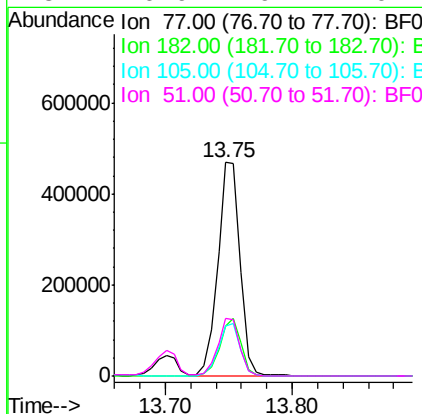
Manual Integrations
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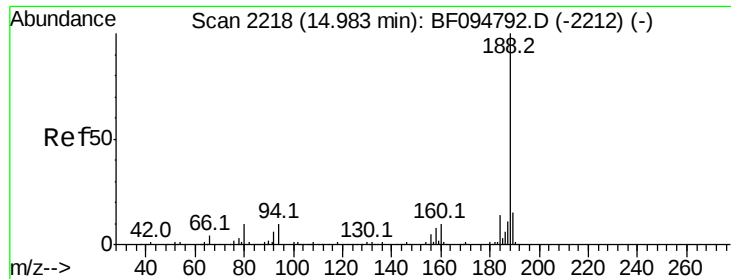
mohammad
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#62
Azobenzene
Concen: 49.80 ng
RT: 13.75 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion:	77	Resp:	571536
Ion Ratio	Lower	Upper	
77	100		
182	23.6	0.1	40.1
105	23.4	3.6	43.6
51	26.9	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

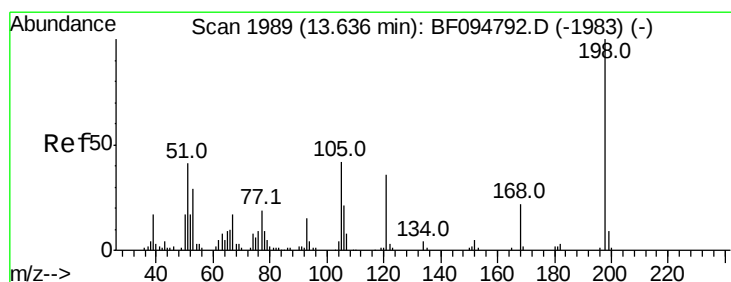
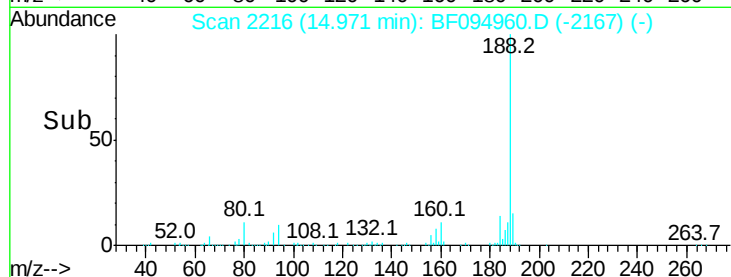
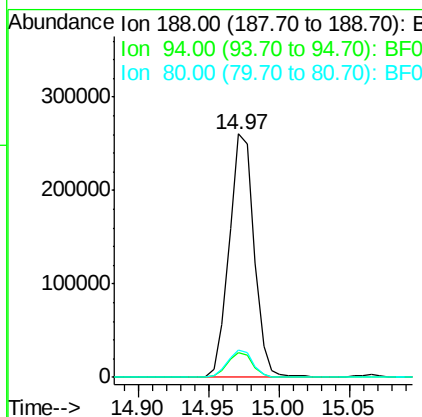
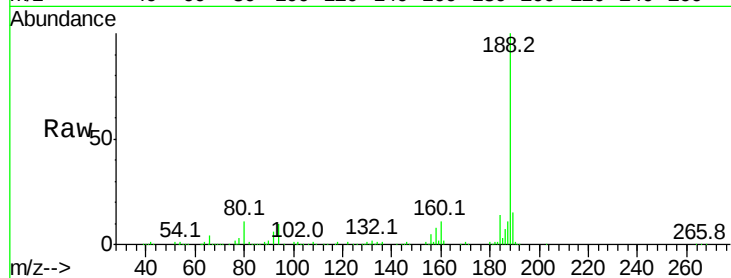
ClientSampleId :

SB-02-COMPMSD

Tot Ion:	188	Resp:	321158
Ion Ratio	Lower	Upper	
188	100		
94	10.3	9.4	14.2
80	11.1	10.2	15.2

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 44.64 ng

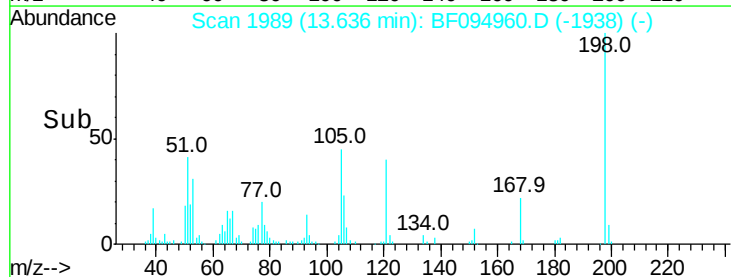
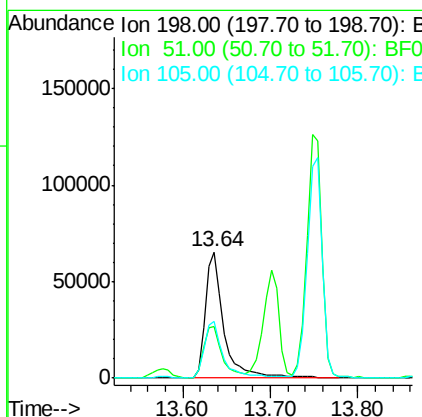
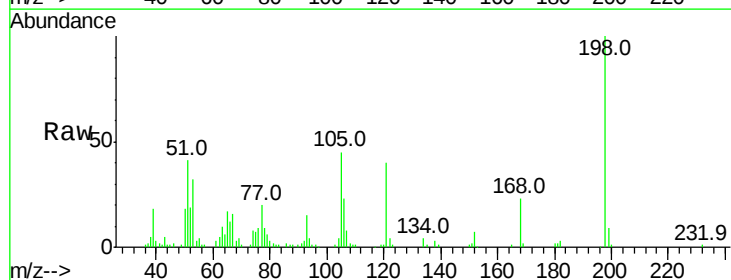
RT: 13.64 min Scan# 1989

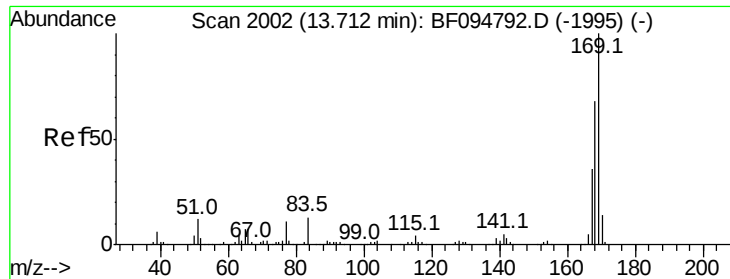
Delta R.T. 0.00 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Tgt Ion:	198	Resp:	96104
Ion Ratio	Lower	Upper	
198	100		
51	40.7	53.2	93.2#
105	45.2	45.8	85.8#





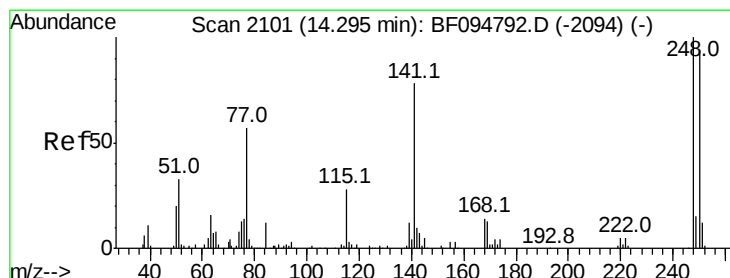
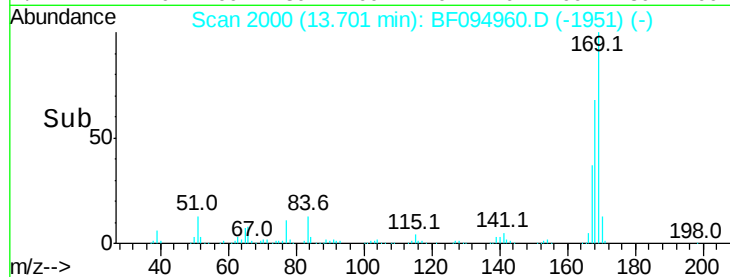
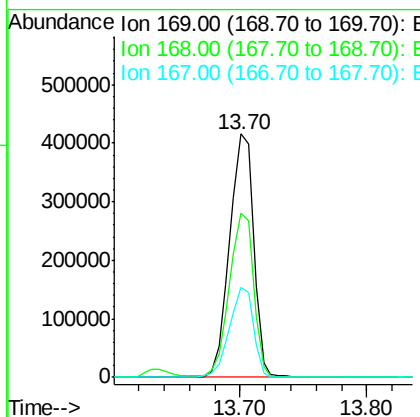
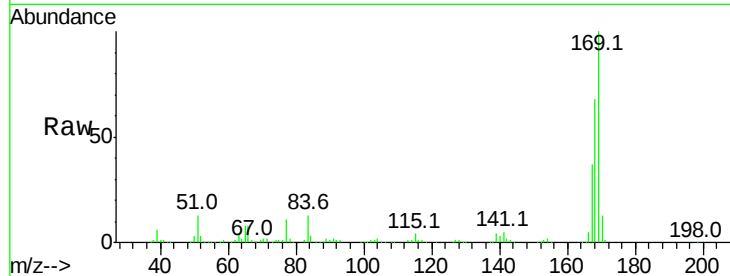
#65
n-Nitrosodiphenylamine
Concen: 46.59 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	543077		
168	67.6		53.2	79.8
167	36.9		29.5	44.3

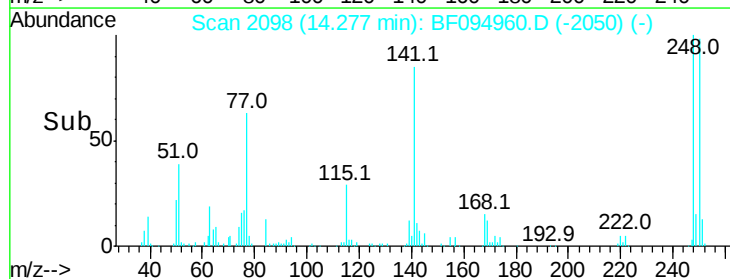
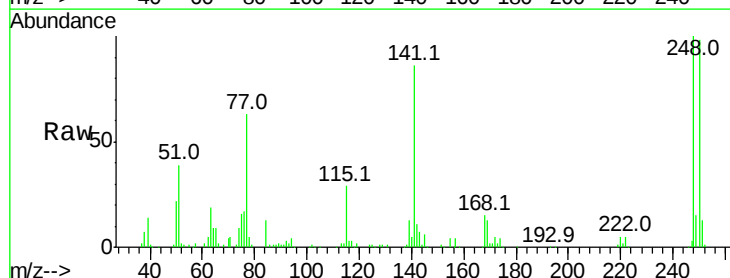
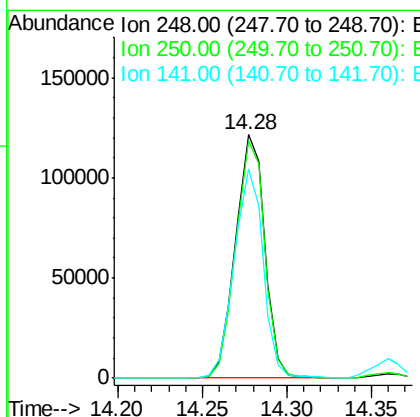
Manual Integrations
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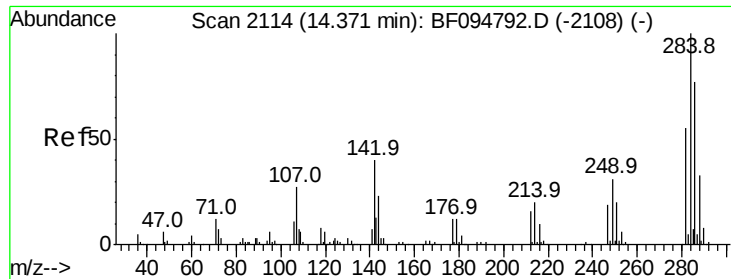
mohammad
5/8/2017 5:43:56 PM



#66
4-Bromophenyl-phenylether
Concen: 43.29 ng
RT: 14.28 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	146888		
250	97.6		76.8	115.2
141	85.8		68.6	103.0





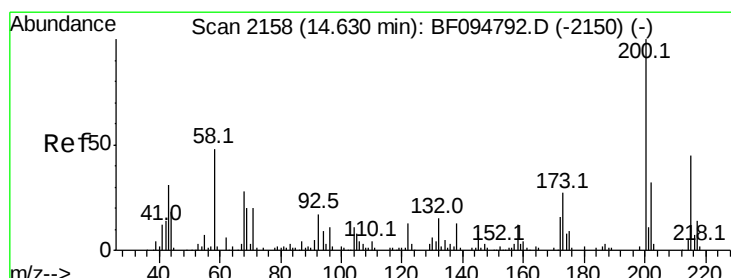
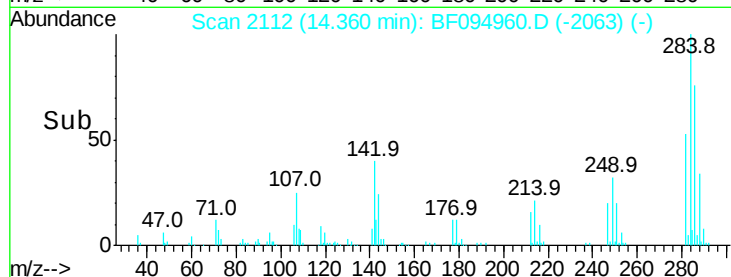
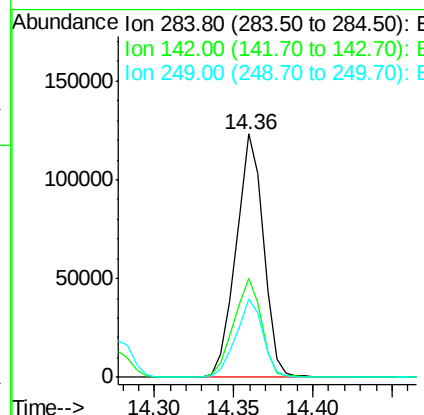
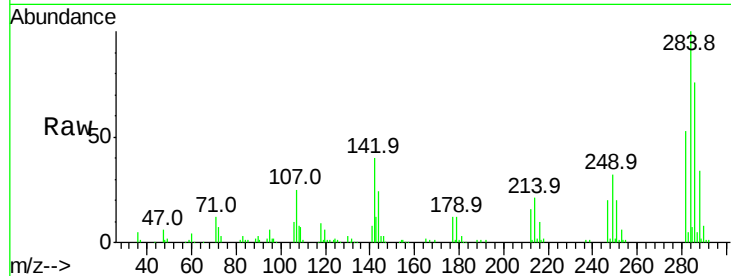
#67
Hexachlorobenzene
Concen: 42.60 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	148148		
142	40.4	22.8	34.2	#
249	32.3	24.0	36.0	

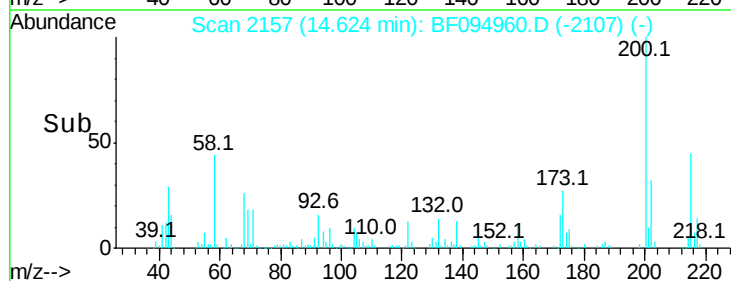
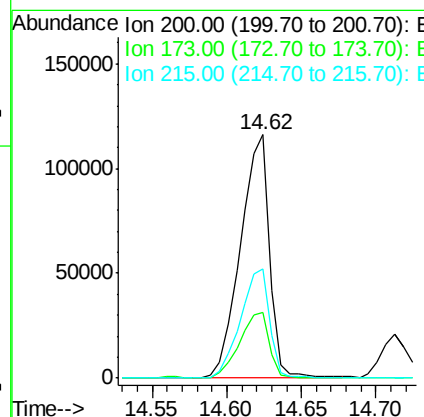
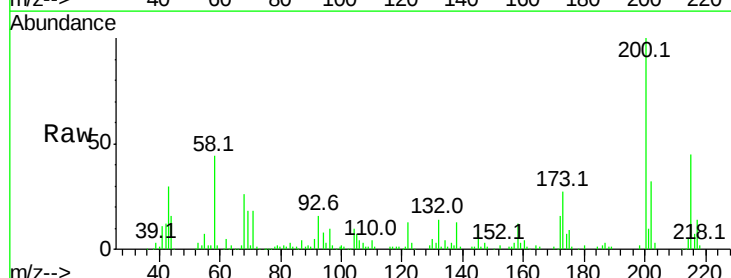
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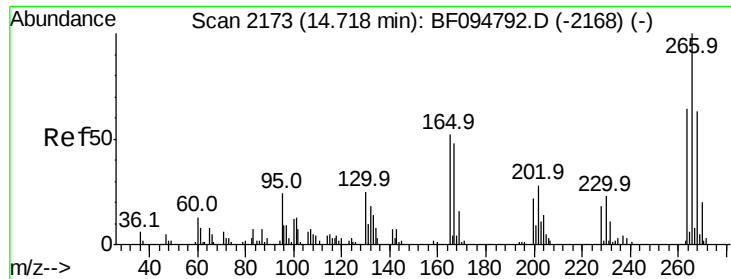
mohammad
5/8/2017 5:43:56 PM



#68
Atrazine
Concen: 47.69 ng
RT: 14.62 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	156936		
173	26.8	6.3	46.3	
215	44.7	27.2	67.2	





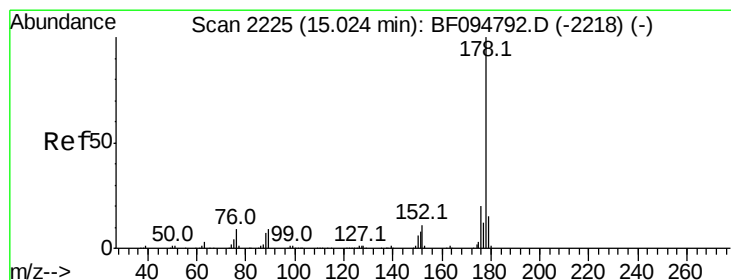
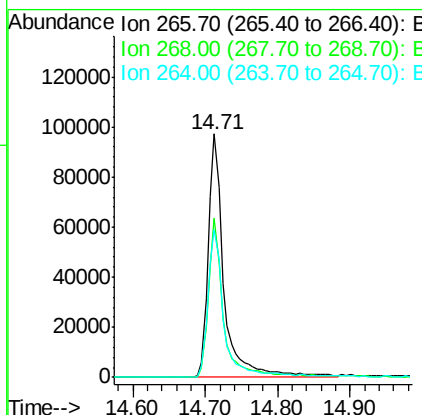
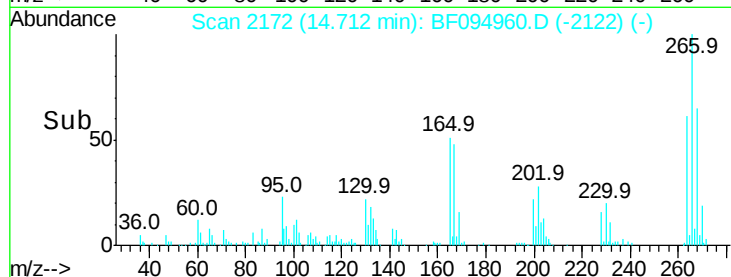
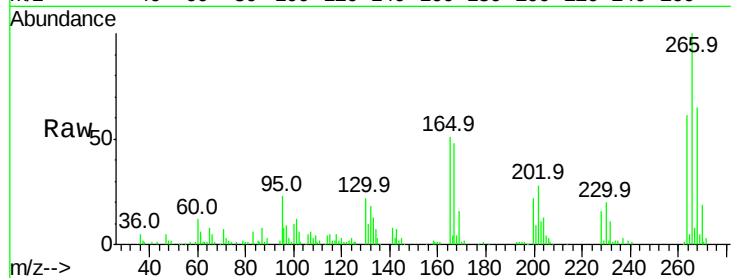
#69
 Pentachlorophenol
 Concen: 93.07 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	147953		
268	65.4		51.1	76.7
264	60.9		51.7	77.5

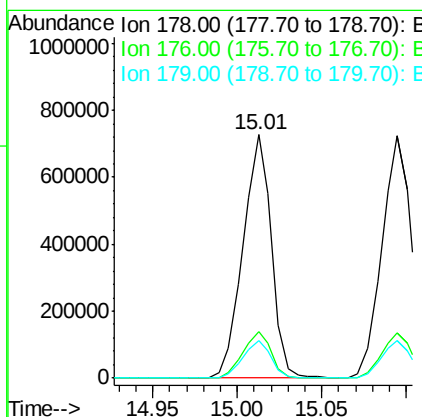
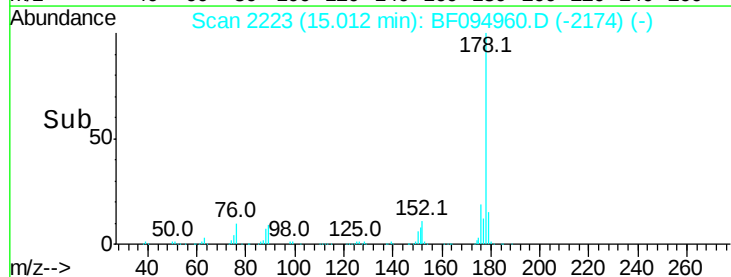
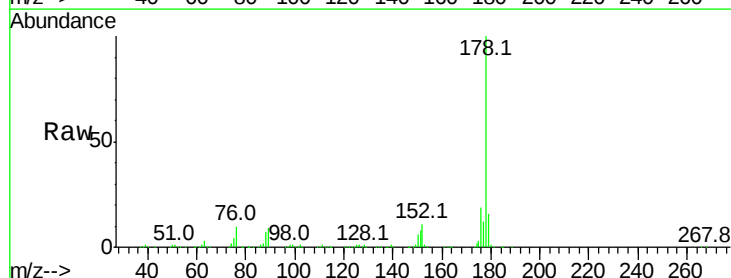
Manual Integrations
 APPROVED

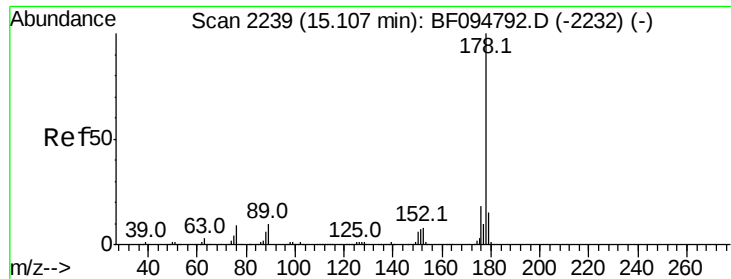
mohammad
 5/8/2017 5:43:56 PM



#70
 Phenanthrene
 Concen: 46.21 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	852766		
176	19.0		16.2	24.4
179	15.5		12.6	19.0





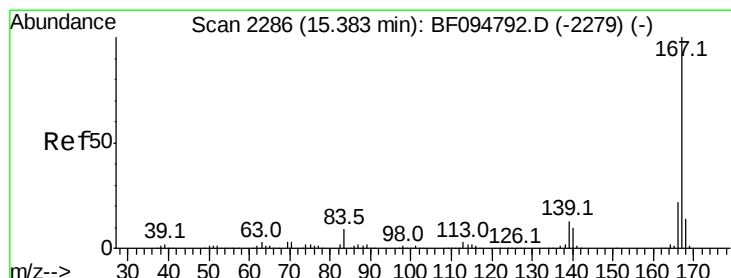
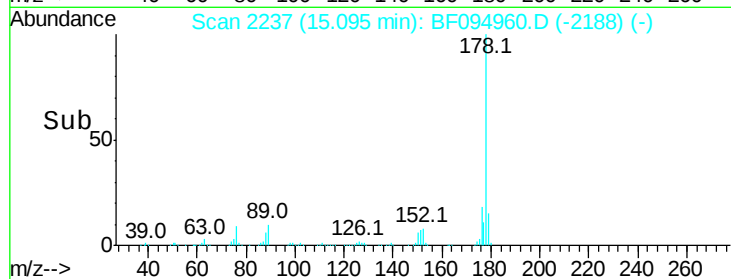
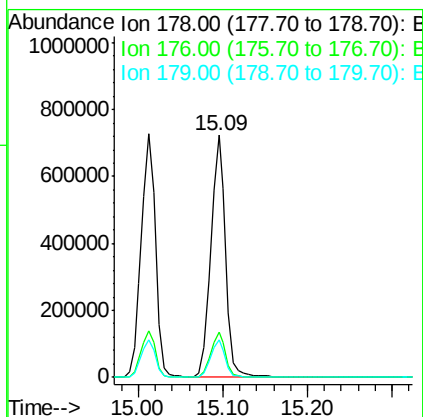
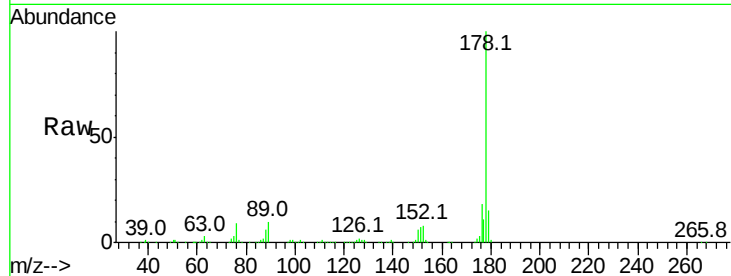
#71
 Anthracene
 Concen: 47.54 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.4	12.7	19.1

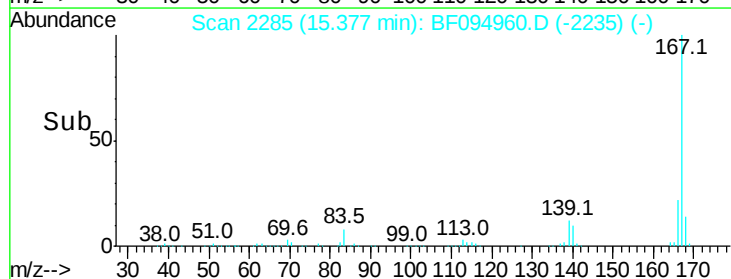
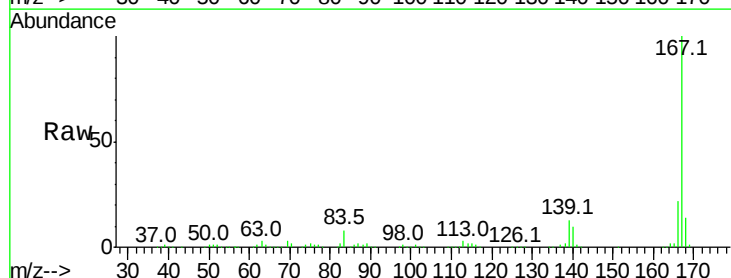
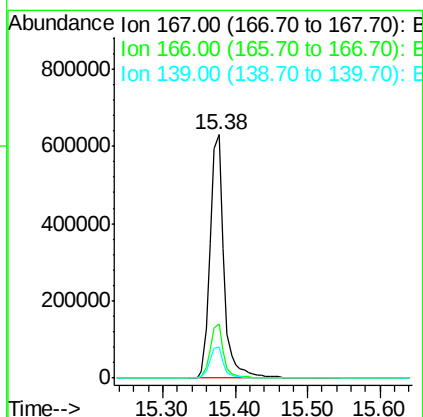
Manual Integrations
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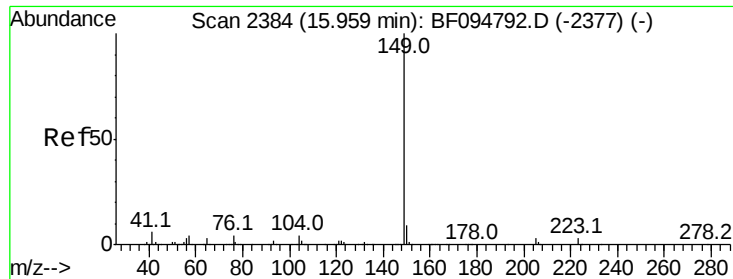
mohammad
 5/8/2017 5:43:56 PM



#72
 Carbazole
 Concen: 48.93 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	12.9	11.7	17.5





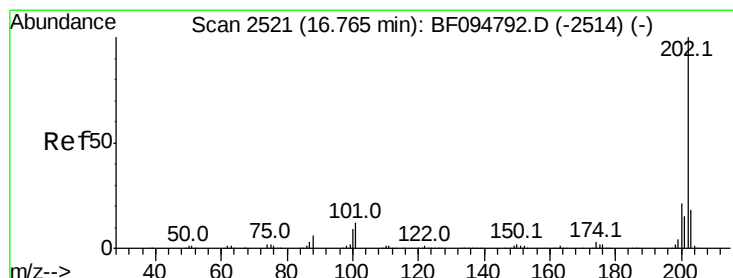
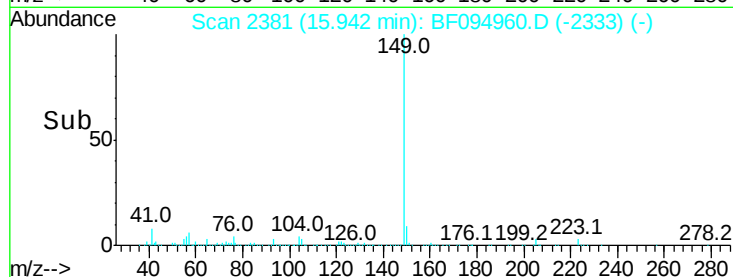
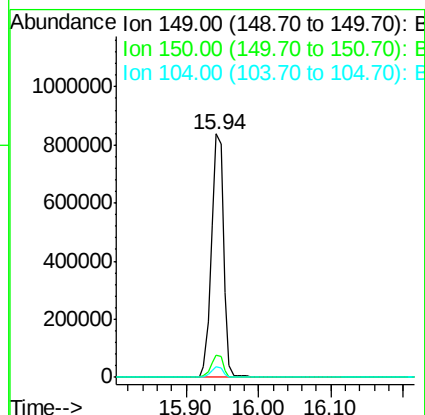
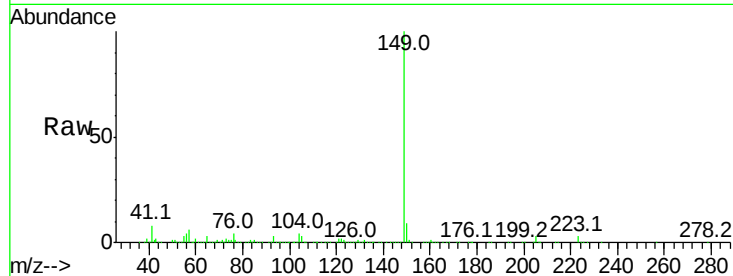
#73
Di-n-butylphthalate
Concen: 45.83 ng
RT: 15.94 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	980227		
150	9.2		7.7	11.5
104	4.5		4.0	6.0

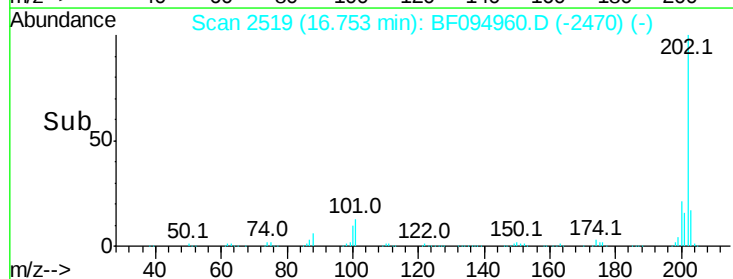
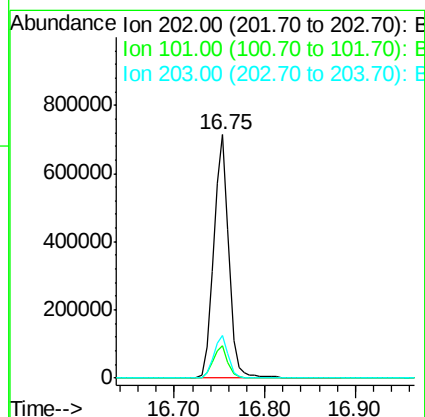
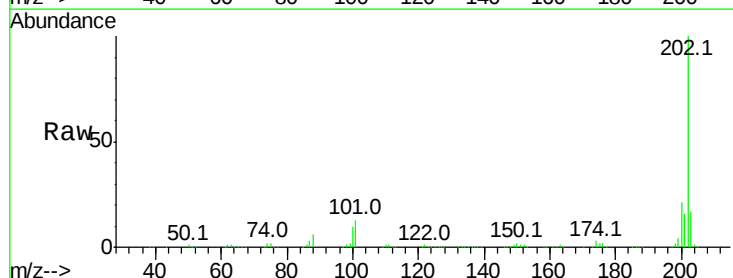
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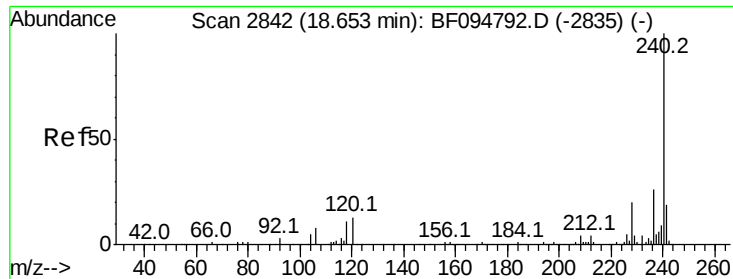
mohammad
5/8/2017 5:43:56 PM



#74
Fluoranthene
Concen: 43.69 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	827000		
101	13.2		0.0	33.2
203	17.4		0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

Tot Ion:240 Resp: 215200

Ion Ratio Lower Upper

240 100

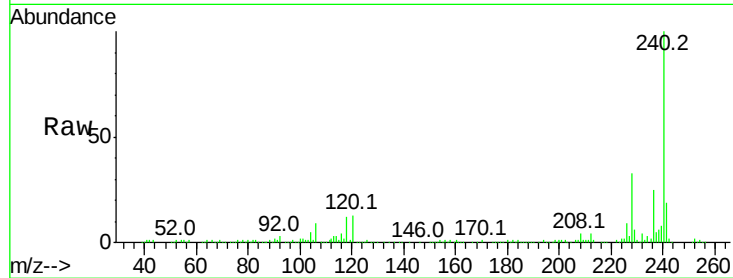
120 12.6 5.8 8.8#

236 25.0 20.5 30.7

Manual Integrations
APPROVED

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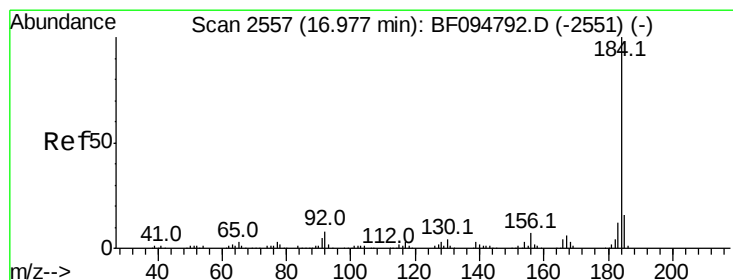
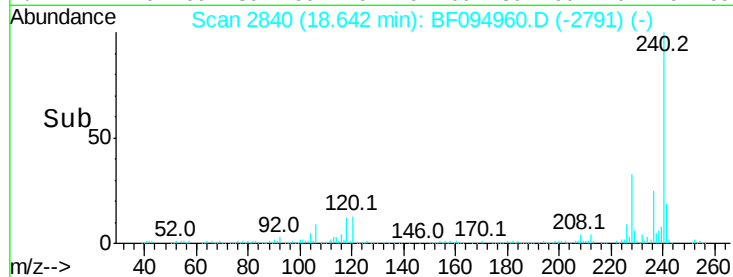
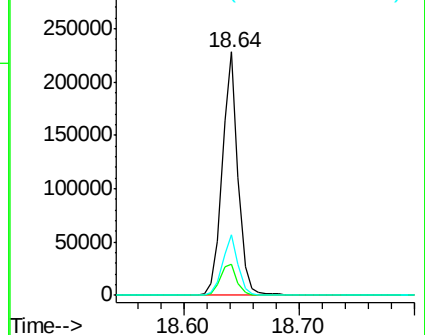
5/8/2017 5:43:56 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 54.94 ng

RT: 16.97 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

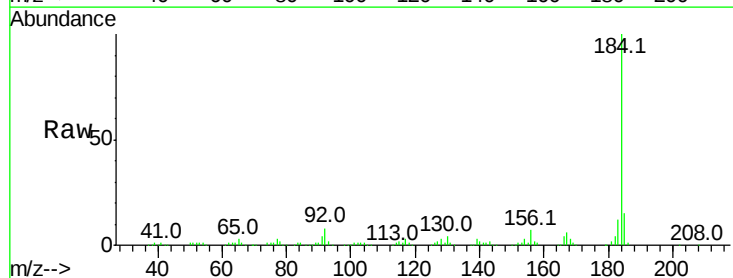
Tgt Ion:184 Resp: 326163

Ion Ratio Lower Upper

184 100

185 14.8 15.5 23.3#

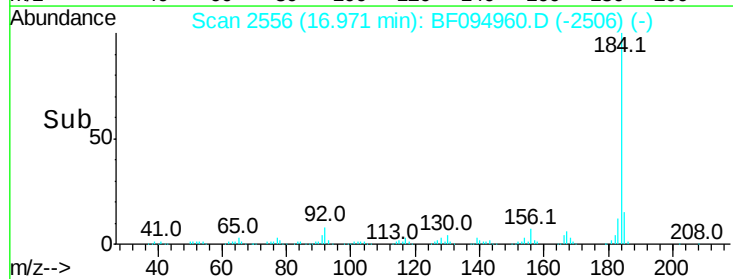
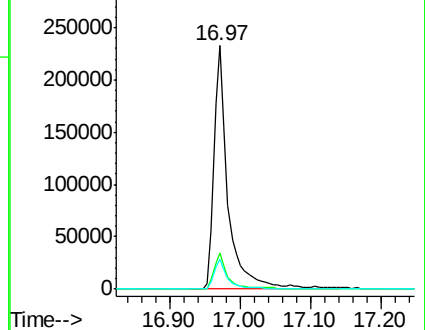
183 12.3 9.8 14.6

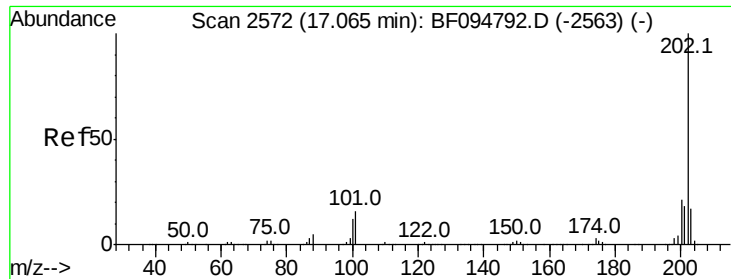


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





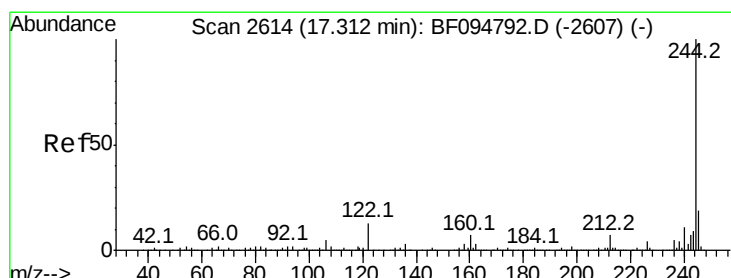
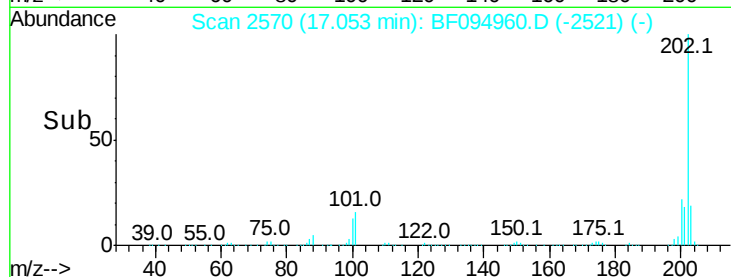
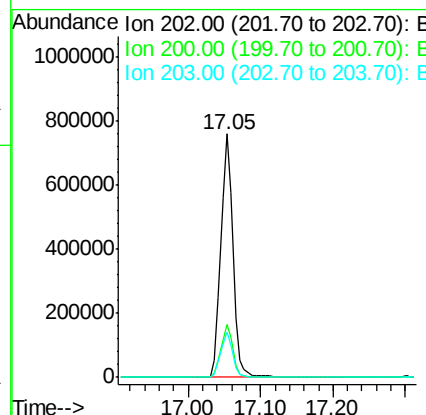
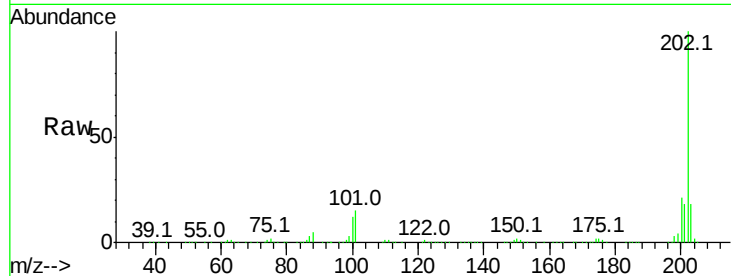
#77
Pvrene
Concen: 55.38 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	891382		
200	21.5		17.6	26.4
203	18.4		14.4	21.6

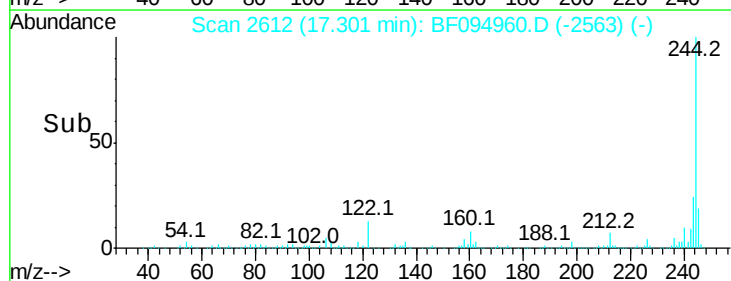
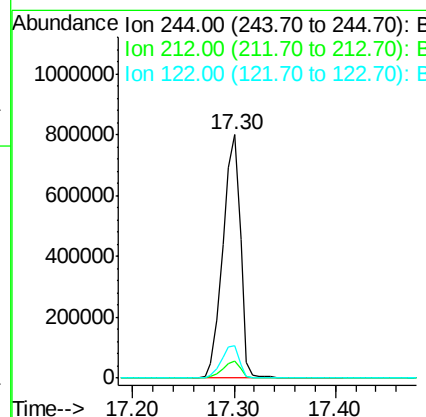
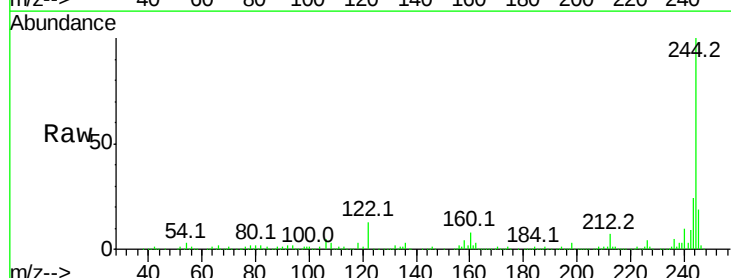
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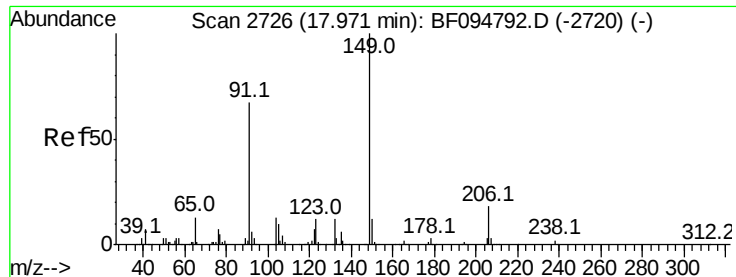
mohammad
5/8/2017 5:43:56 PM



#78
Terphenyl-d14
Concen: 98.59 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	963224		
212	7.2		6.0	9.0
122	13.5		10.3	15.5





#79

Butylbenzylphthalate

Concen: 55.47 ng

RT: 17.96 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

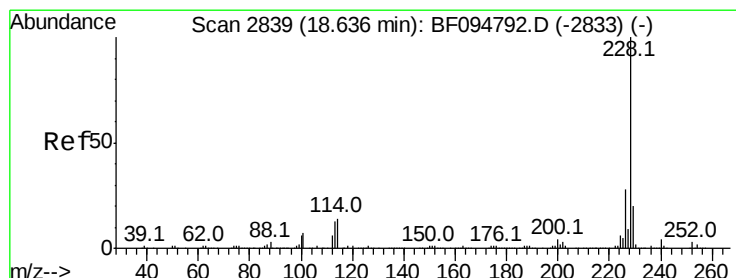
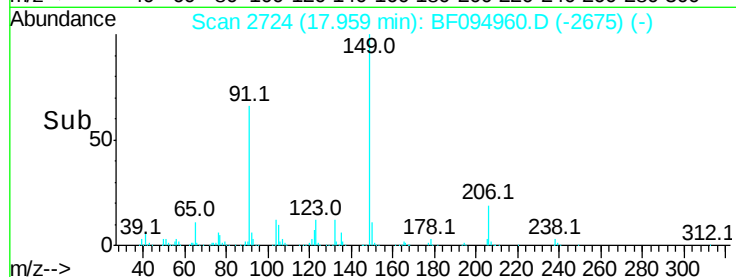
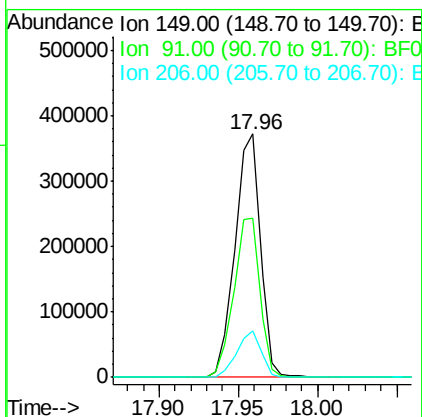
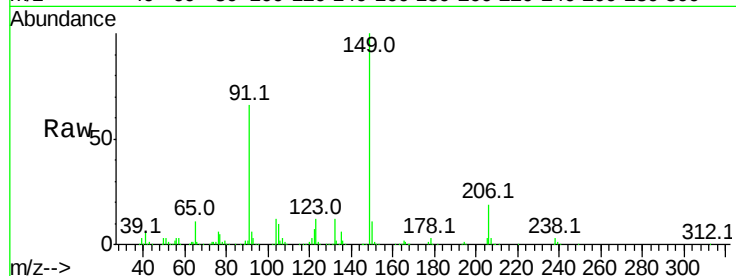
ClientSampleId :

SB-02-COMPMSD

Tot Ion:	149	Resp:	415285
Ion Ratio	Lower	Upper	
149	100		
91	65.6	45.0	67.4
206	19.2	17.0	25.6

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 46.12 ng

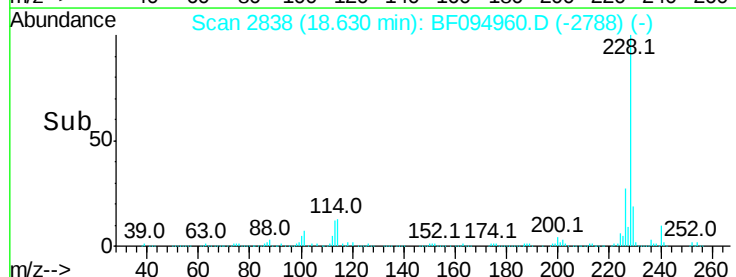
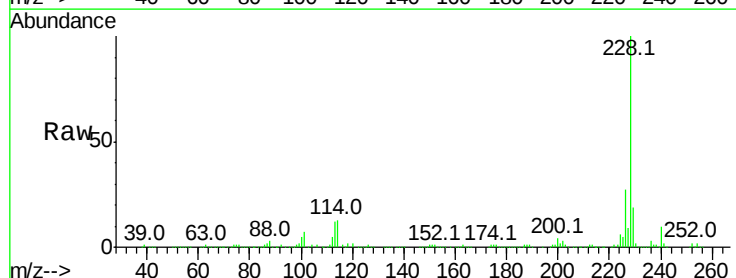
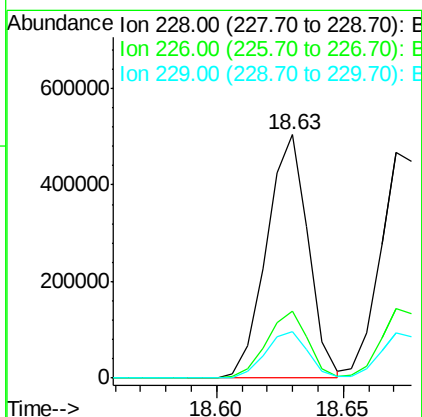
RT: 18.63 min Scan# 2838

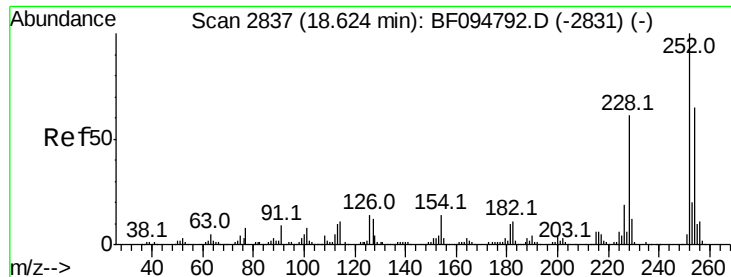
Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Tgt Ion:	228	Resp:	577634
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.6	33.8
229	19.1	16.3	24.5





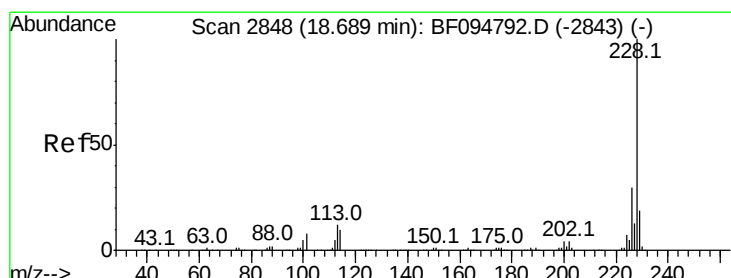
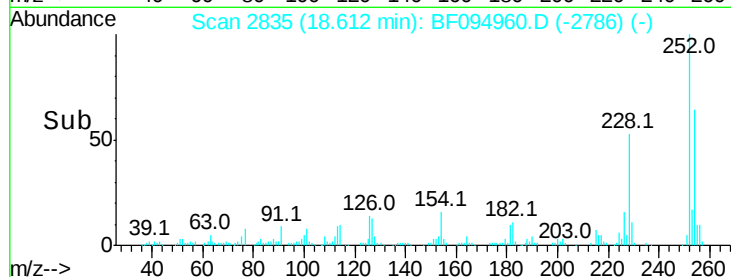
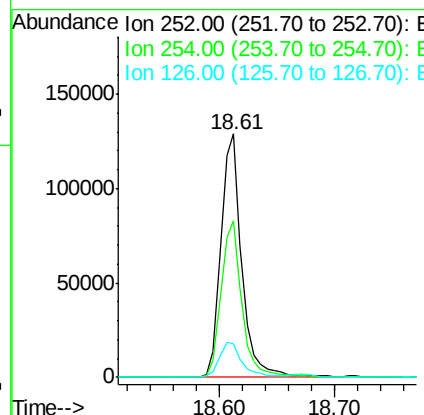
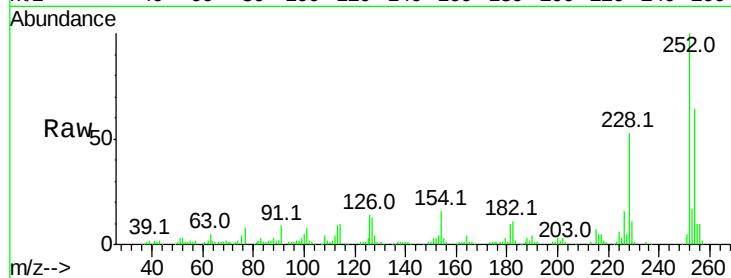
#81
 3,3'-Dichlorobenzidine
 Concen: 37.27 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	161224		
254	64.4	51.5	77.3	
126	14.0	15.8	23.8	

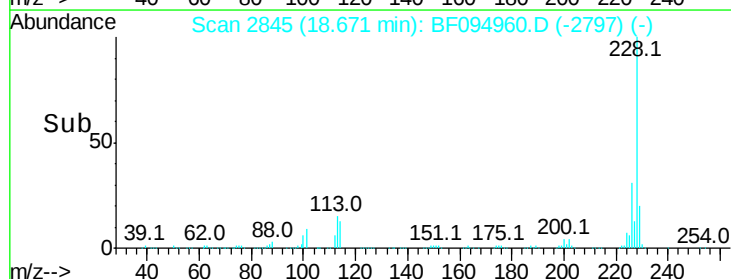
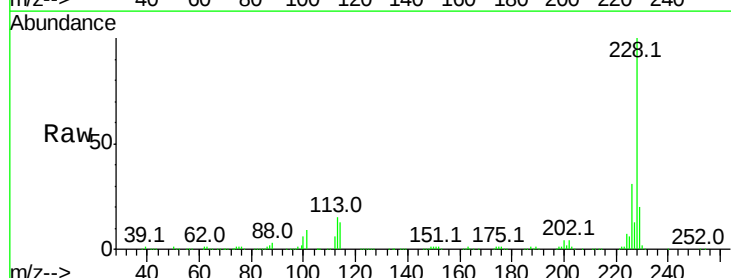
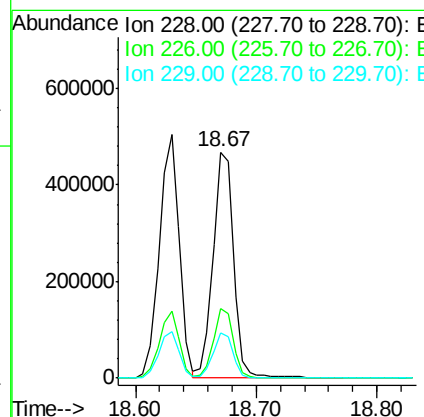
Manual Integrations
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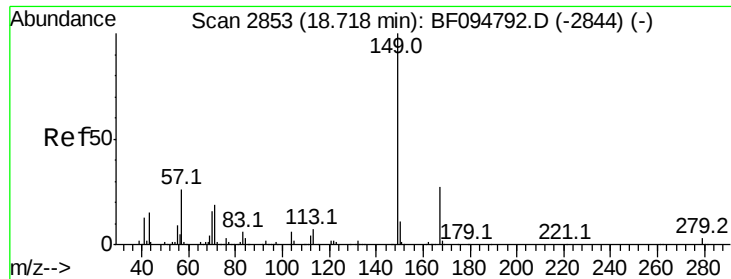
mohammad
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#82
 Chrysene
 Concen: 45.05 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	545585		
226	30.7	24.9	37.3	
229	20.3	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.00 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

SB-02-COMPMSD

Tot Ion:149 Resp: 533340

Ion Ratio Lower Upper

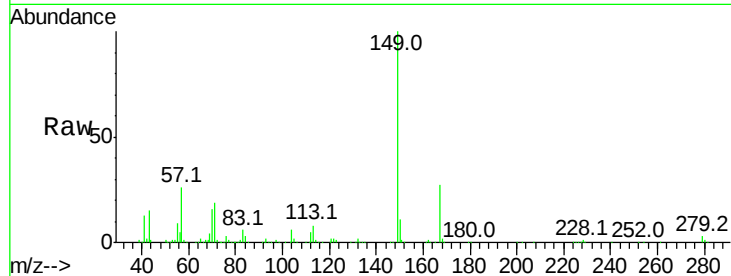
149 100

167 27.3 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

600000

500000

400000

300000

200000

100000

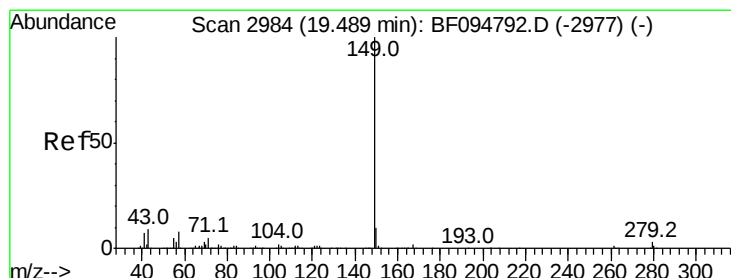
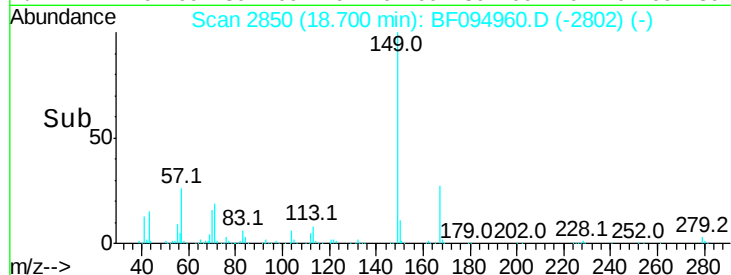
0

18.60

18.70

18.80

Time-->



#84

Di-n-octyl phthalate

Concen: 49.60 ng

RT: 19.47 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

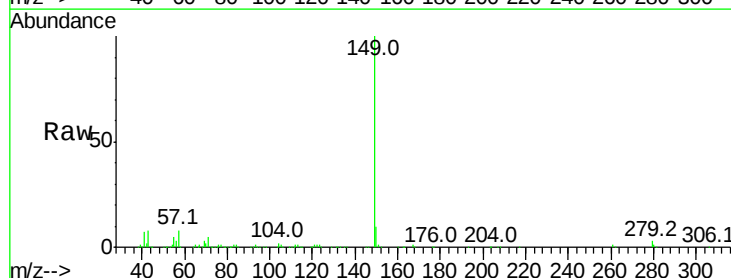
Tgt Ion:149 Resp: 867334

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.8 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

1000000

800000

600000

400000

200000

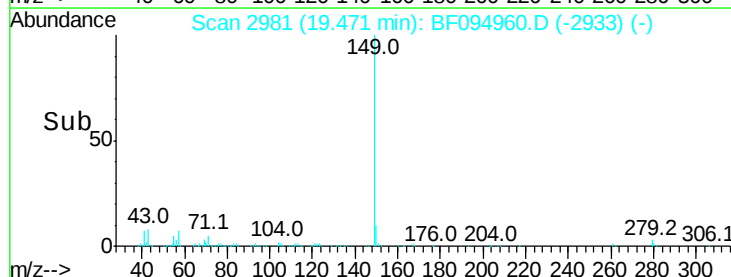
0

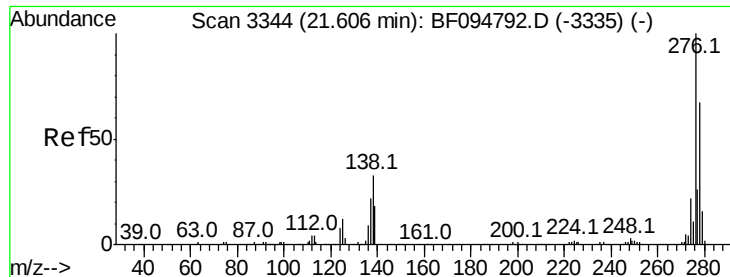
19.40

19.50

19.60

Time-->





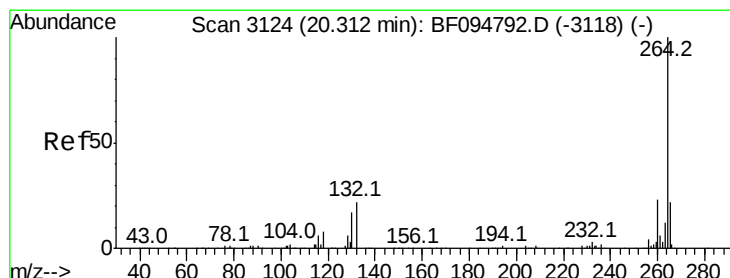
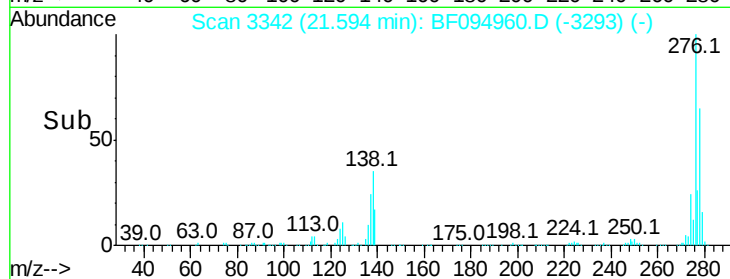
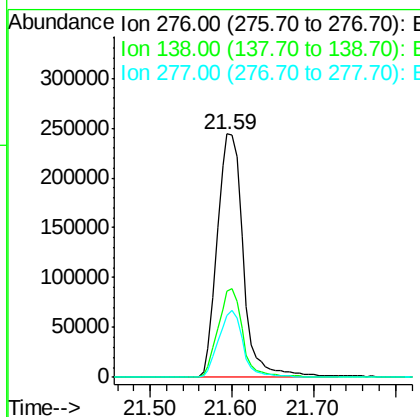
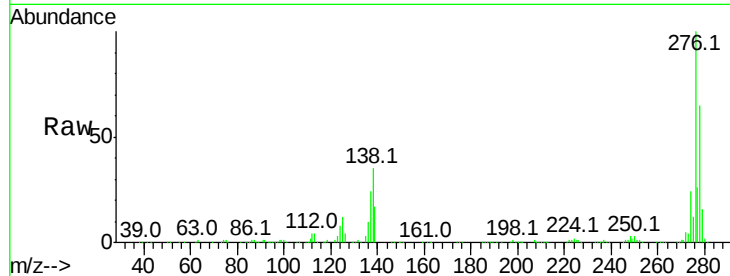
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.16 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.9	20.2	30.4

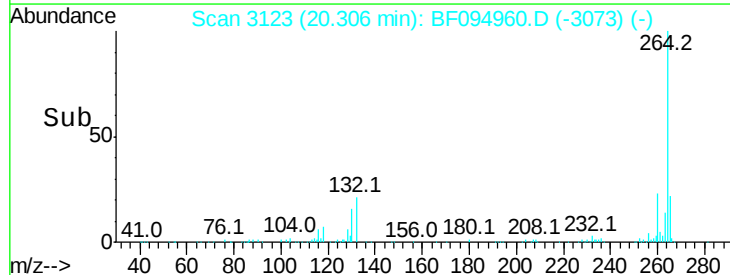
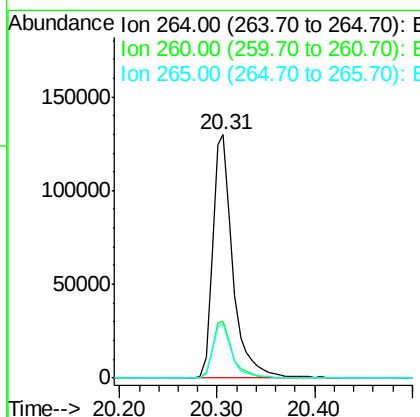
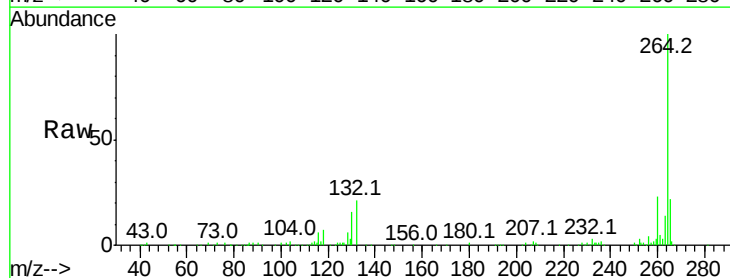
Manual Integrations
 APPROVED

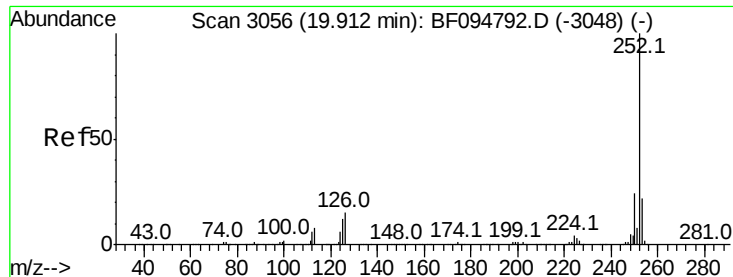
mohammad
 5/8/2017 5:43:56 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.99 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

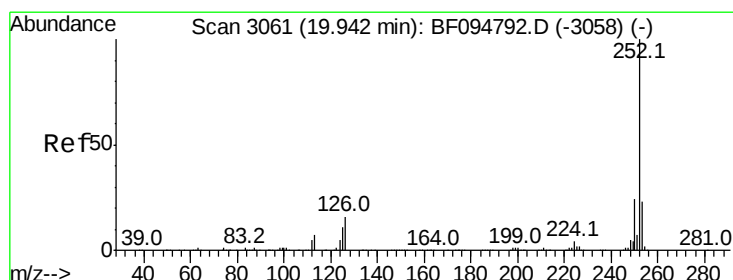
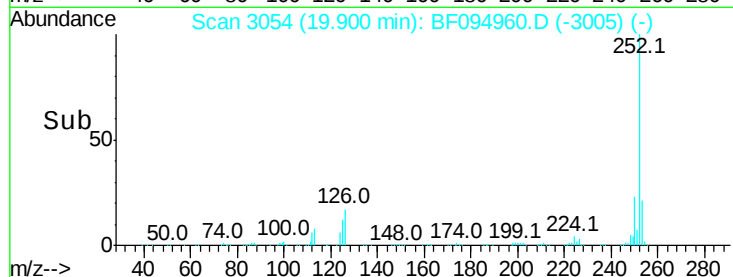
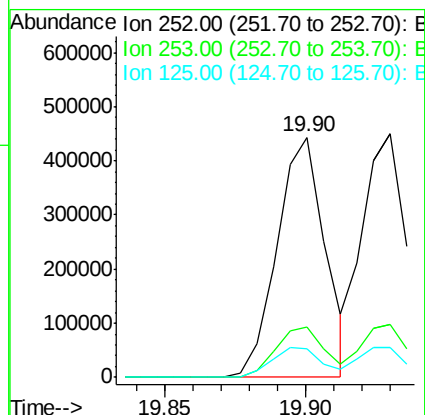
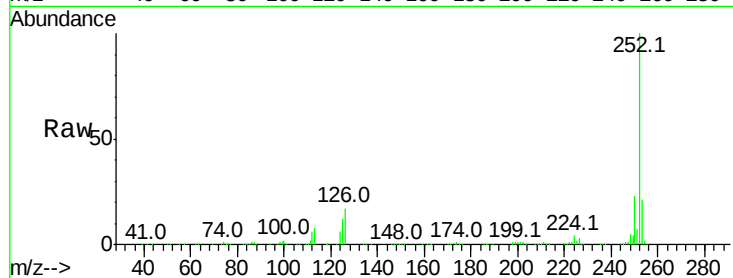
ClientSampleId :

SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	11.8	9.8	14.8

Manual Integrations
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5/8/2017 5:43:56 PM



#88

Benzo(k)fluoranthene

Concen: 47.81 ng

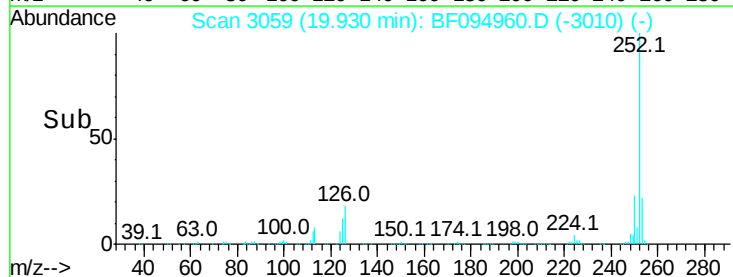
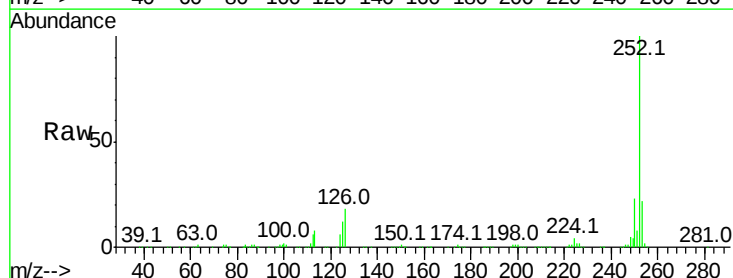
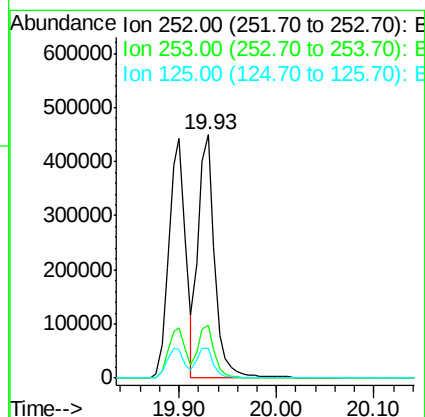
RT: 19.93 min Scan# 3059

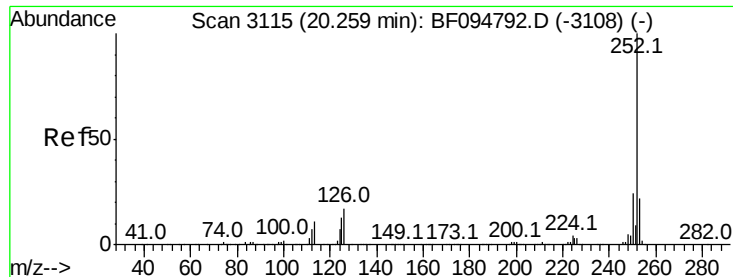
Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	12.3	13.1	19.7#





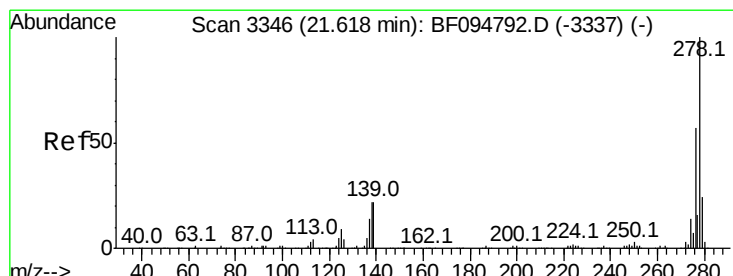
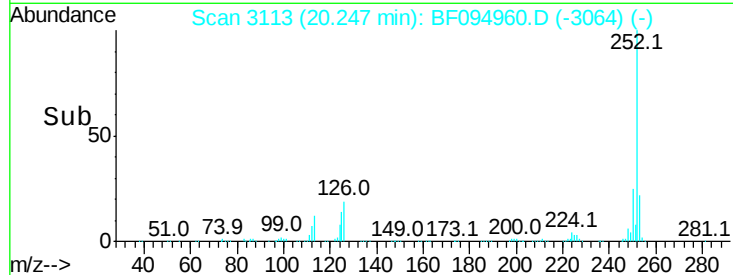
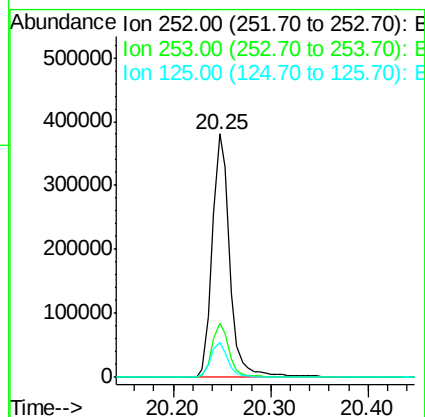
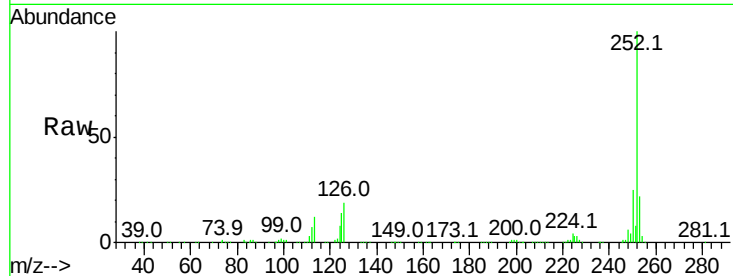
#89
Benzo(a)pyrene
Concen: 45.14 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion:	252	Resp:	472890
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	14.4	11.0	16.4

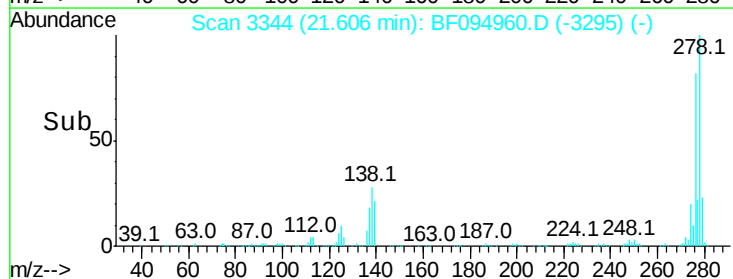
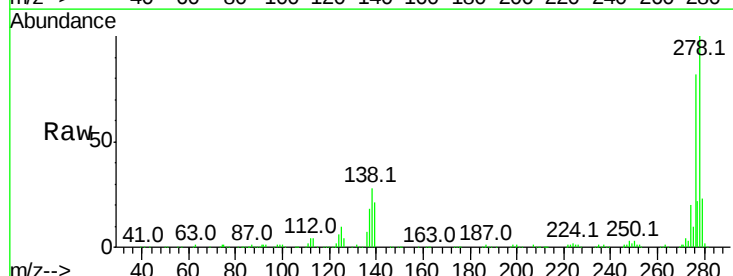
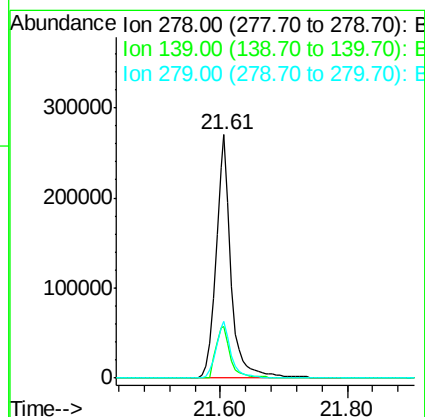
Manual Integrations
APPROVED

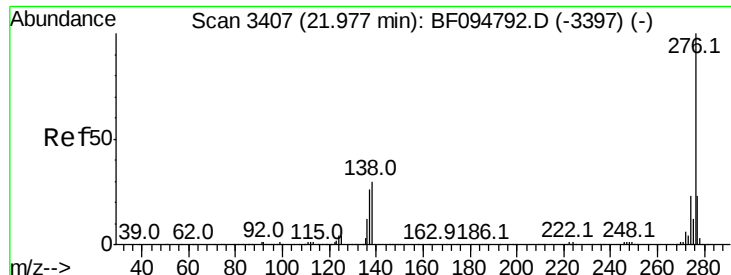
mohammad
5/8/2017 5:43:56 PM



#90
Dibenzo(a,h)anthracene
Concen: 52.56 ng
RT: 21.61 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion:	278	Resp:	454759
Ion Ratio	Lower	Upper	
278	100		
139	21.2	16.6	24.8
279	23.4	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 56.37 ng
 RT: 21.97 min Scan# 3406
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	30.2	25.4	38.0

Manual Integrations
 APPROVED

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