

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093882.D
 Acq On : 23 Mar 2017 16:48
 Operator : SJ/MA
 Sample : I2362-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Manual Integrations
 APPROVED

mohammad
 3/24/2017 4:10:44 PM

Quant Time: Mar 24 02:09:18 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	167307	20.00	ng	-0.01
21) Naphthalene-d8	7.48	136	674213	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	304821	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	525850	20.00	ng	-0.01
75) Chrysene-d12	14.70	240	315043	20.00	ng	-0.01
86) Perylene-d12	16.34	264	274011	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	636248	64.23	ng	0.00
7) Phenol-d6	5.56	99	499222	40.74	ng	-0.01
23) Nitrobenzene-d5	6.63	82	1087681	92.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	341373	141.72	ng	0.00
44) 2-Fluorobiphenyl	8.81	172	1868914	93.52	ng	-0.01
78) Terphenyl-d14	13.43	244	1416069	100.75	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.38	88	78509	16.50 ng	99
3) Pyridine	2.88	79	114323	8.81 ng	98
4) n-Nitrosodimethylamine	2.81	42	97224	18.22 ng	# 90
6) Aniline	5.59	93	362686	21.28 ng	96
8) 2-Chlorophenol	5.73	128	411077	37.76 ng	98
9) Benzaldehyde	5.46	77	163908	19.81 ng	95
10) Phenol	5.57	94	234929	16.85 ng	89
11) bis(2-Chloroethyl)ether	5.67	93	490188	44.98 ng	99
12) 1,3-Dichlorobenzene	5.91	146	477937	39.13 ng	99
13) 1,4-Dichlorobenzene	5.99	146	485513	39.25 ng	96
14) 1,2-Dichlorobenzene	6.17	146	456388	40.06 ng	96
15) Benzyl Alcohol	6.13	79	280365	31.26 ng	99
16) 2,2'-oxybis(1-Chloropropan	6.30	45	706062	42.05 ng	98
17) 2-Methylphenol	6.27	107	278333	29.85 ng	98
18) Hexachloroethane	6.57	117	165903	38.16 ng	# 84
19) n-Nitroso-di-n-propylamine	6.46	70	361999	45.96 ng	99
20) 3+4-Methylphenols	6.45	107	291748	25.83 ng	# 86
22) Acetophenone	6.45	105	692892	46.11 ng	# 91
24) Nitrobenzene	6.65	77	532052	45.66 ng	97
25) Isophorone	6.94	82	973210	46.88 ng	95
26) 2-Nitrophenol	7.02	139	269052	48.42 ng	95
27) 2,4-Dimethylphenol	7.08	122	396789	41.44 ng	98
28) bis(2-Chloroethoxy)methane	7.20	93	615487	44.96 ng	99
29) 2,4-Dichlorophenol	7.31	162	396816	44.33 ng	98
30) 1,2,4-Trichlorobenzene	7.42	180	388862	42.18 ng	98
31) Naphthalene	7.51	128	1356605	41.85 ng	100
32) Benzoic acid	7.19	122	66489	10.43 ng	98
33) 4-Chloroaniline	7.57	127	435590	33.15 ng	94
34) Hexachlorobutadiene	7.66	225	185284	39.19 ng	97
35) Caprolactam	8.02	113	19081m	6.68 ng	
36) 4-Chloro-3-methylphenol	8.16	107	382612	40.90 ng	89
37) 2-Methylnaphthalene	8.35	142	968564	44.82 ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	352293	42.25 ng	98
40) Hexachlorocyclopentadiene	8.55	237	306361	78.51 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	280137	47.48	ng	99
43) 2,4,5-Trichlorophenol	8.74	196	280000m	43.86	ng	
45) 1,1'-Biphenyl	8.93	154	1097732	44.65	ng	98
46) 2-Chloronaphthalene	8.95	162	868816	45.14	ng	93
47) 2-Nitroaniline	9.07	65	280617	49.15	ng	87
48) Acenaphthylene	9.46	152	1401799	43.82	ng	99
49) Dimethylphthalate	9.32	163	1054501	48.67	ng	100
50) 2,6-Dinitrotoluene	9.37	165	240182	48.35	ng	# 87
51) Acenaphthene	9.67	154	835254	44.75	ng	99
52) 3-Nitroaniline	9.57	138	199853	34.26	ng	92
53) 2,4-Dinitrophenol	9.70	184	158291	60.74	ng	# 73
54) Dibenzofuran	9.88	168	1243040	48.92	ng	99
55) 4-Nitrophenol	9.79	139	134575	29.46	ng	# 70
56) 2,4-Dinitrotoluene	9.87	165	308083	49.38	ng	# 82
57) Fluorene	10.30	166	913294	43.35	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	207362	47.34	ng	98
59) Diethylphthalate	10.19	149	1051180	49.08	ng	99
60) 4-Chlorophenyl-phenylether	10.31	204	392145	43.69	ng	93
61) 4-Nitroaniline	10.33	138	218232	38.99	ng	95
62) Azobenzene	10.50	77	995530	49.14	ng	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	120366	37.38	ng	# 77
65) n-Nitrosodiphenylamine	10.46	169	845721	46.51	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	248185	47.99	ng	96
67) Hexachlorobenzene	10.98	284	249620	47.68	ng	# 85
68) Atrazine	11.13	200	252157	46.29	ng	97
69) Pentachlorophenol	11.22	266	244679	75.09	ng	96
70) Phenanthrene	11.49	178	1346471	46.03	ng	99
71) Anthracene	11.55	178	1382609	45.91	ng	99
72) Carbazole	11.75	167	1257383	40.71	ng	98
73) Di-n-butylphthalate	12.20	149	1544088	48.07	ng	100
74) Fluoranthene	12.94	202	1294042	43.20	ng	99
77) Pyrene	13.22	202	1283788	56.15	ng	98
79) Butylbenzylphthalate	14.04	149	554884	56.96	ng	# 84
80) Benzo(a)anthracene	14.69	228	868513	47.28	ng	99
81) 3,3'-Dichlorobenzidine	14.66	252	190462	29.01	ng	98
82) Chrysene	14.74	228	780356	45.77	ng	100
83) Bis(2-ethylhexyl)phthalate	14.76	149	717656	54.00	ng	# 100
84) Di-n-octyl phthalate	15.51	149	1050944	47.33	ng	98
85) Indeno(1,2,3-cd)pyrene	17.74	276	892494	60.45	ng	98
87) Benzo(b)fluoranthene	15.93	252	779981	46.44	ng	98
88) Benzo(k)fluoranthene	15.96	252	673854	41.00	ng	97
89) Benzo(a)pyrene	16.28	252	721634	46.66	ng	97
90) Dibenzo(a,h)anthracene	17.76	278	735340	56.14	ng	98
91) Benzo(g,h,i)perylene	18.16	276	768776	58.24	ng	97

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

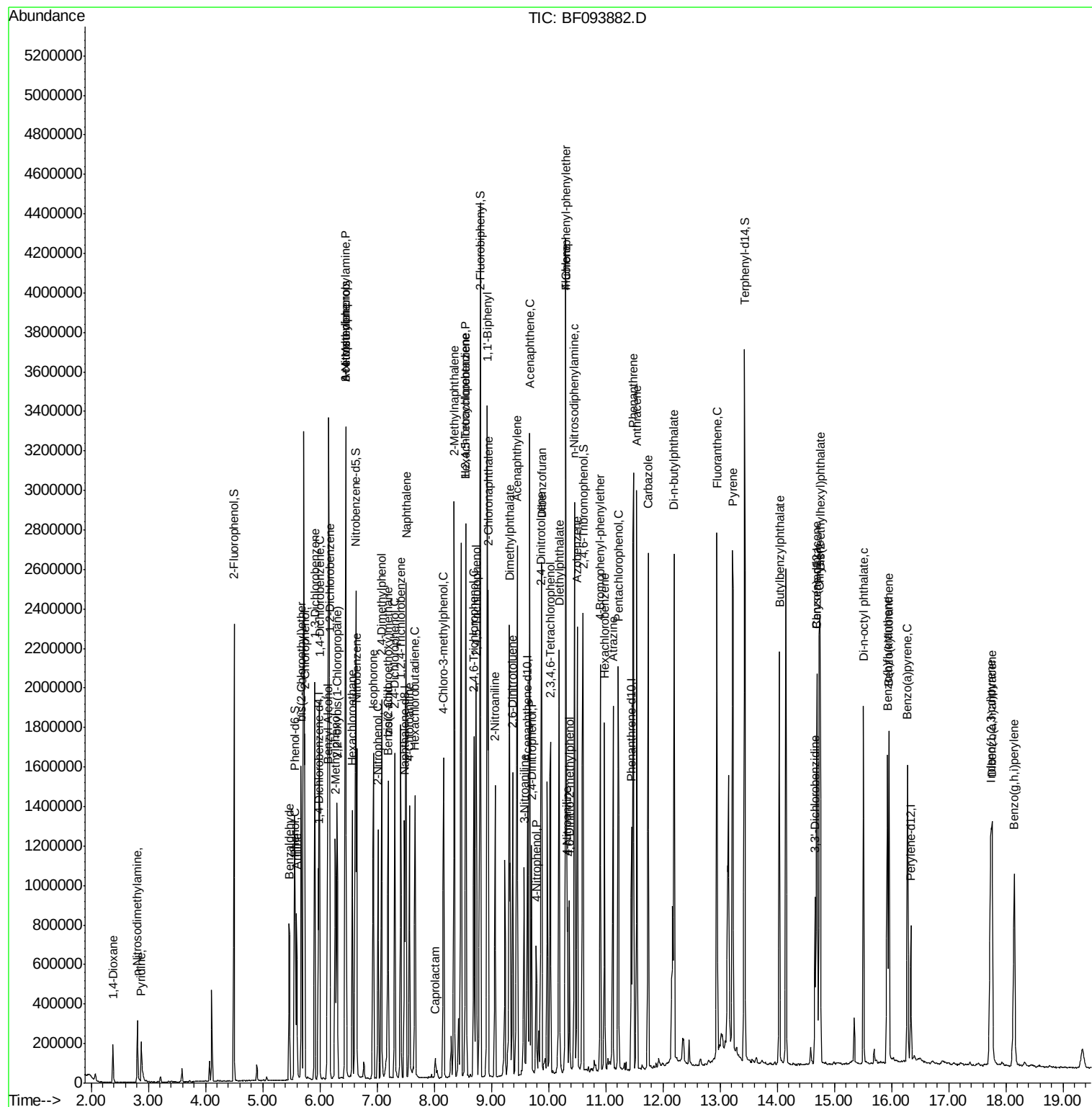
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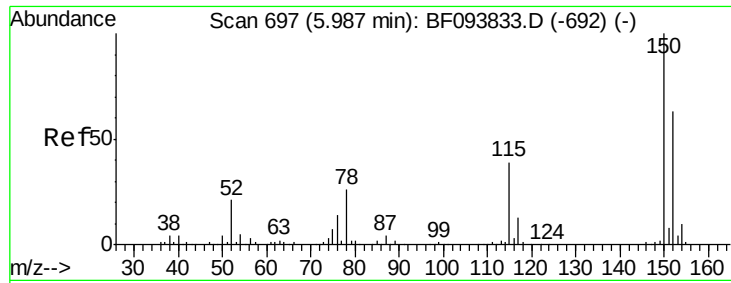
Instrument :
BNA_F
ClientSampled :
S8-0666MS

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#1

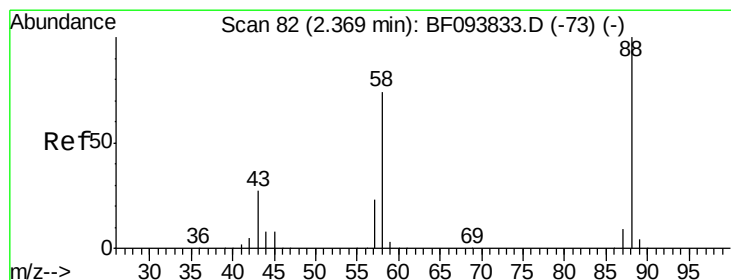
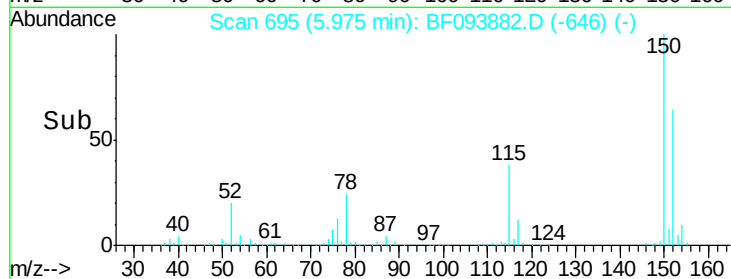
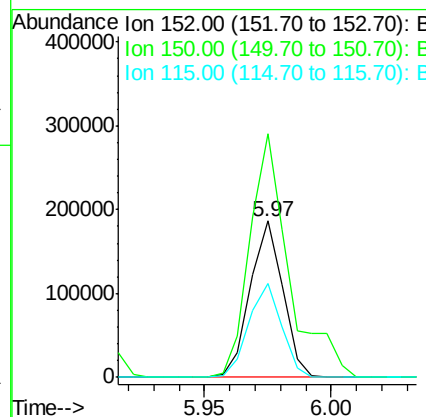
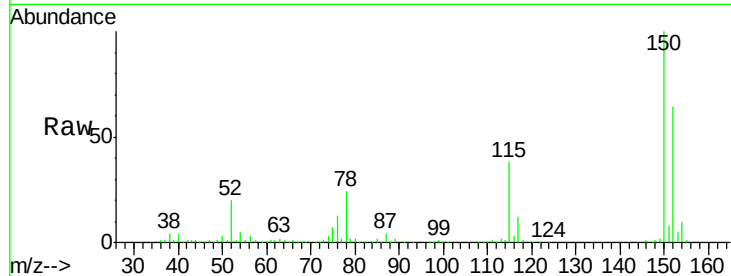
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.97 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	60.1	52.2	78.2

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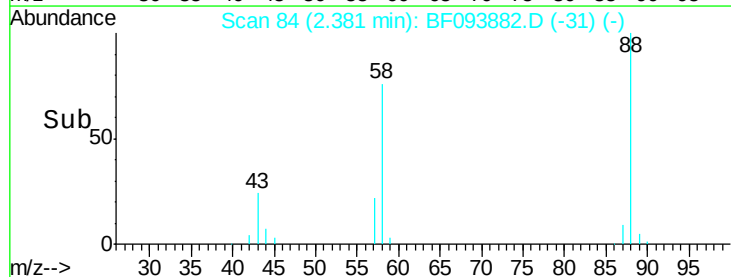
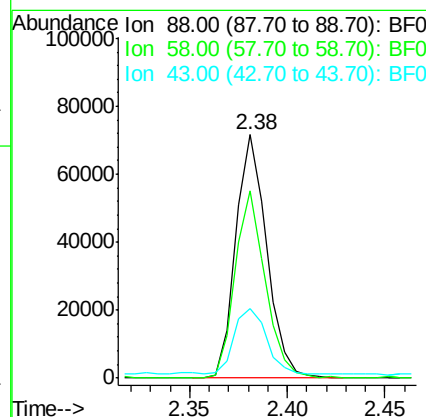
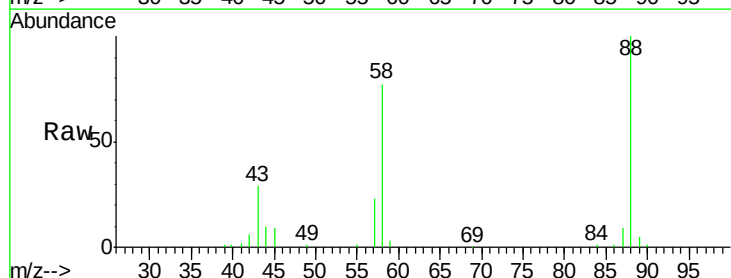
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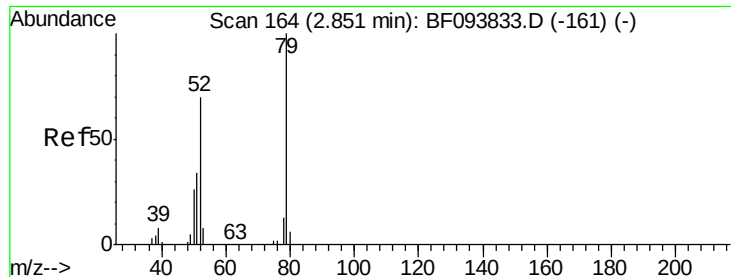


#2

1,4-Dioxane
Concen: 16.50 ng
RT: 2.38 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.3	61.4	92.0
43	28.9	23.4	35.0





#3

Pyridine

Concen: 8.81 ng

RT: 2.88 min Scan# 168

Delta R.T. 0.02 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

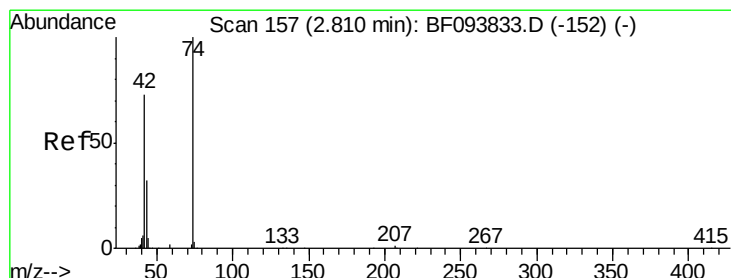
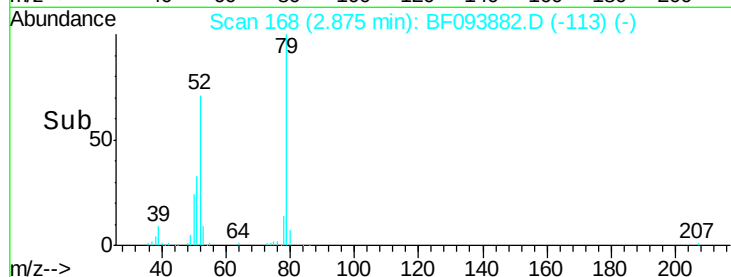
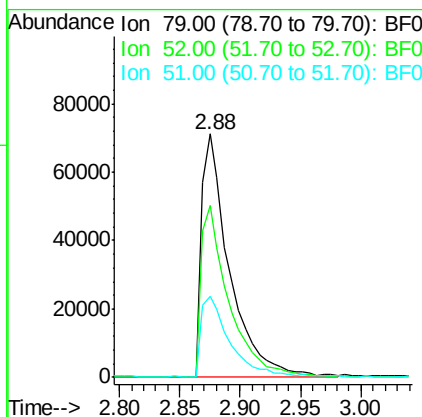
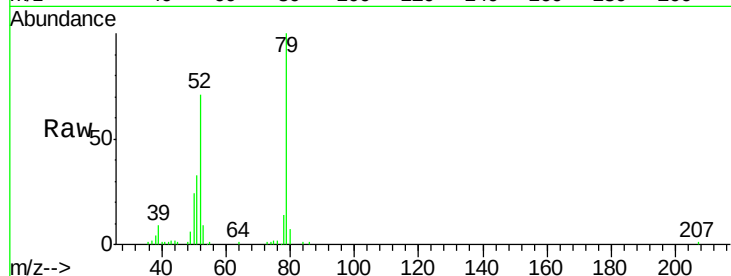
ClientSampleId :

S8-0666MS

Tgt Ion:	79	Resp:	114323
Ion	Ratio	Lower	Upper
79	100		
52	70.7	54.8	82.2
51	33.2	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 18.22 ng

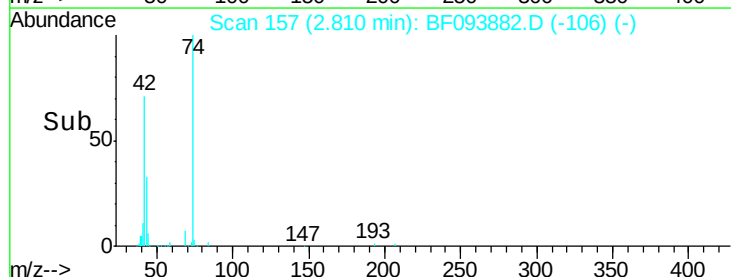
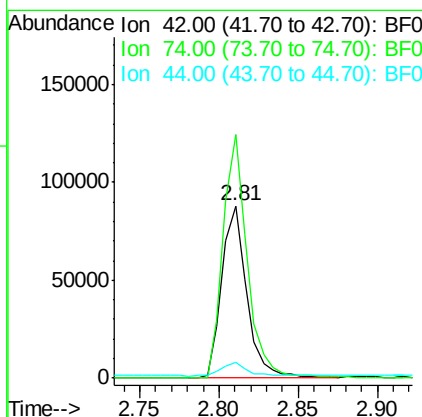
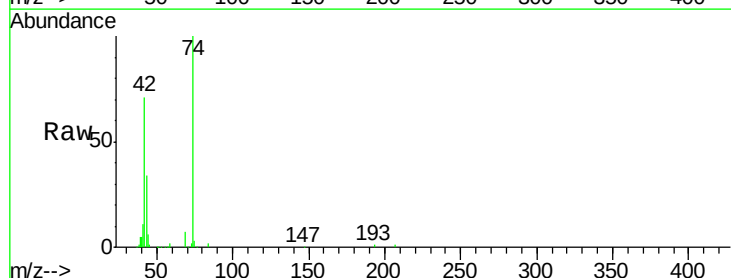
RT: 2.81 min Scan# 157

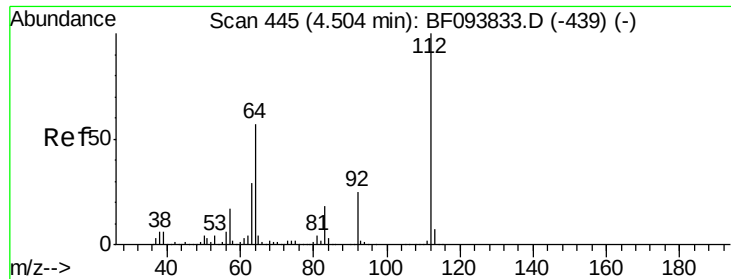
Delta R.T. 0.00 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion:	42	Resp:	97224
Ion	Ratio	Lower	Upper
42	100		
74	141.5	103.9	155.9
44	9.0	5.7	8.5#





#5

2-Fluorophenol

Concen: 64.23 ng

RT: 4.50 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

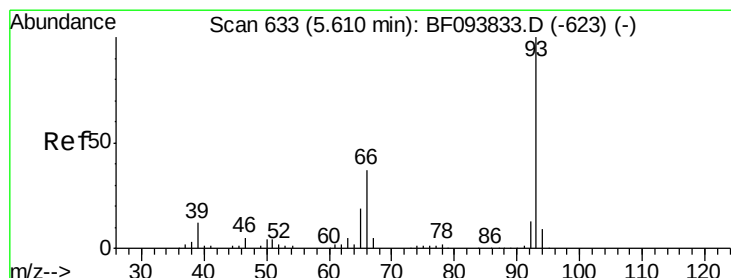
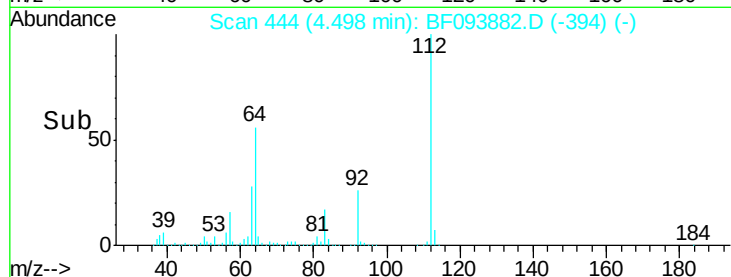
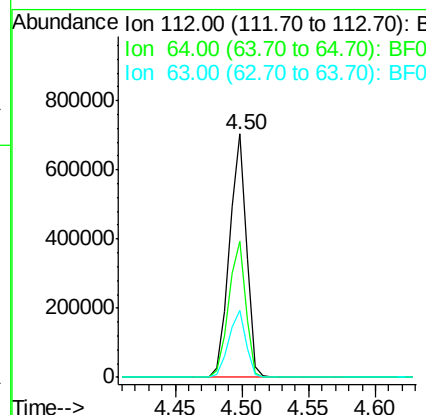
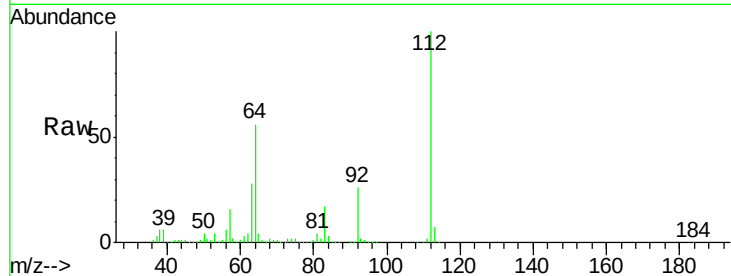
ClientSampleId :

S8-0666MS

Tgt Ion:	112	Resp:	636248
Ion Ratio	Lower	Upper	
112	100		
64	56.1	46.0	69.0
63	27.7	23.4	35.0

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#6

Aniline

Concen: 21.28 ng

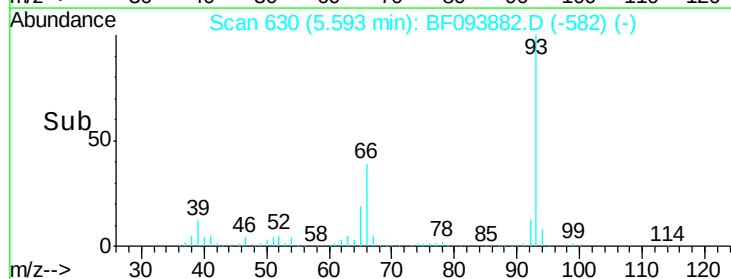
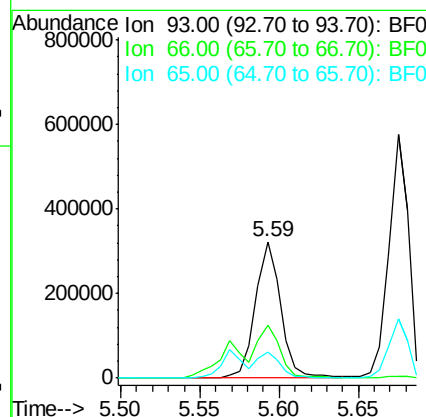
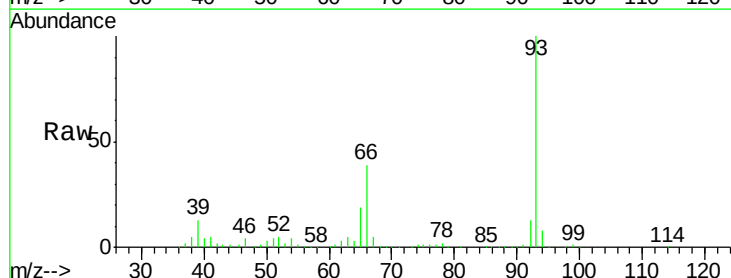
RT: 5.59 min Scan# 630

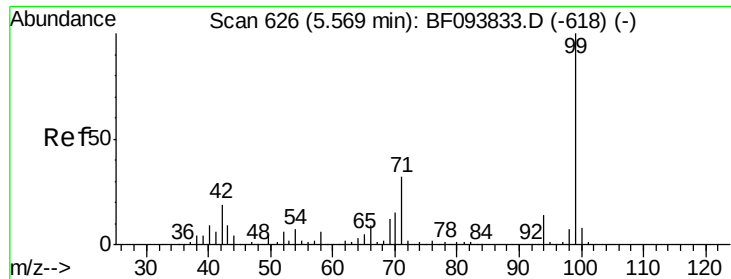
Delta R.T. -0.02 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion:	93	Resp:	362686
Ion Ratio	Lower	Upper	
93	100		
66	38.7	32.9	49.3
65	18.7	16.0	24.0





#7

Phenol-d6

Concen: 40.74 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

Tgt Ion: 99 Resp: 499222

Ion Ratio Lower Upper

99 100

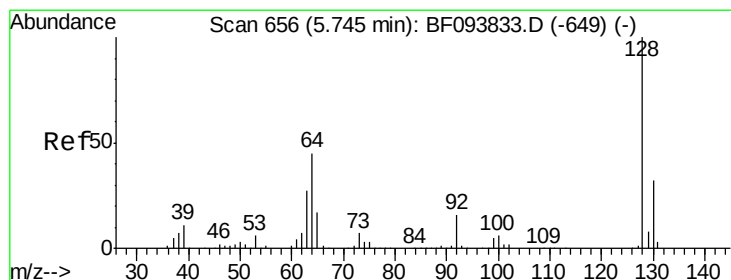
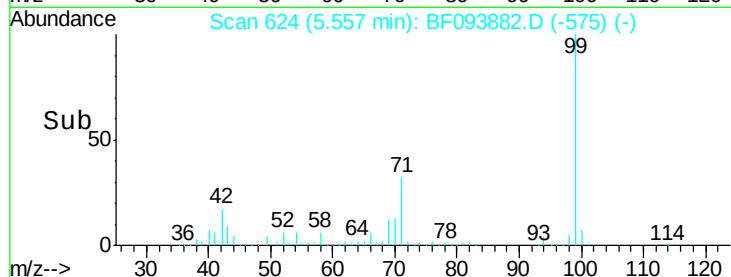
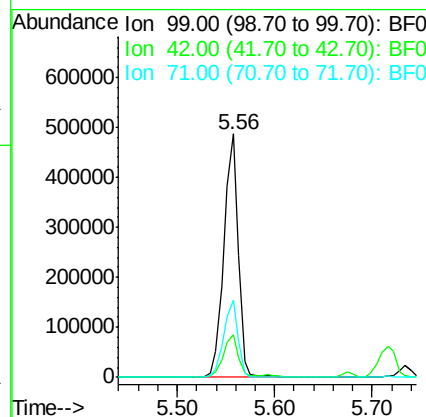
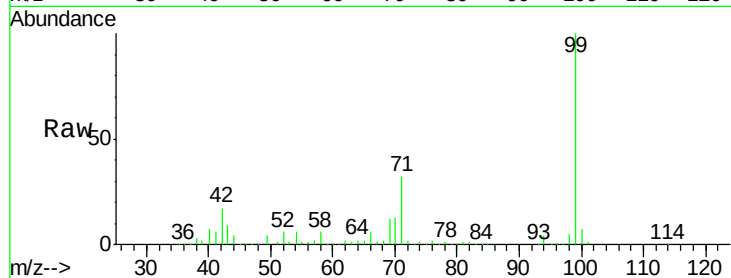
42 17.4 13.5 20.3

71 31.9 24.5 36.7

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#8

2-Chlorophenol

Concen: 37.76 ng

RT: 5.73 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

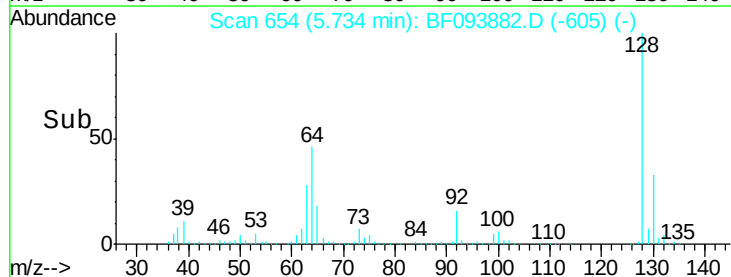
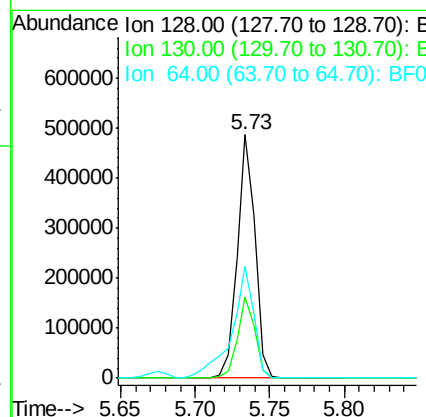
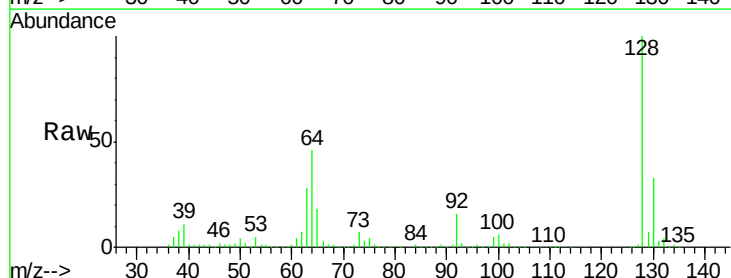
Tgt Ion: 128 Resp: 411077

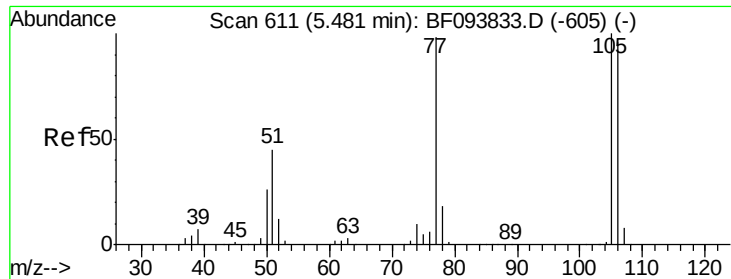
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 46.1 28.4 68.4





#9

Benzaldehyde

Concen: 19.81 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

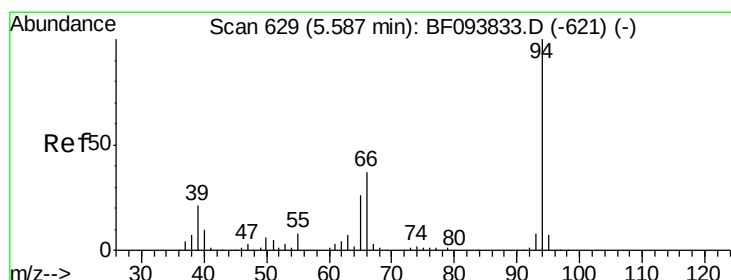
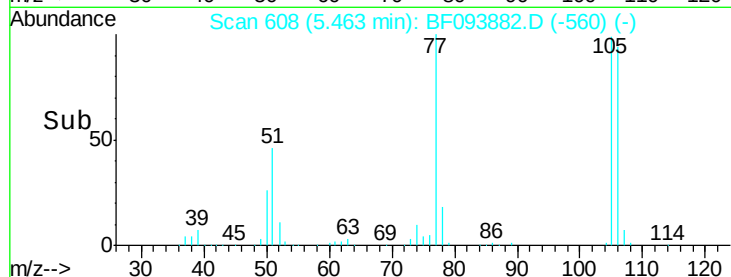
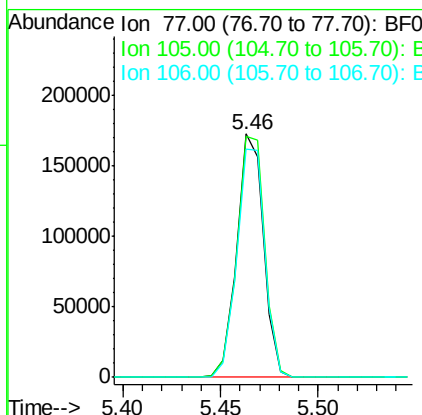
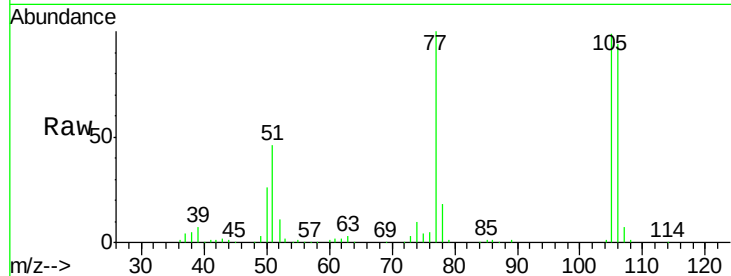
ClientSampleId :

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Tgt Ion:	77	Resp:	163908
Ion	Ratio	Lower	Upper
77	100		
105	99.1	83.8	123.8
106	93.6	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 16.85 ng

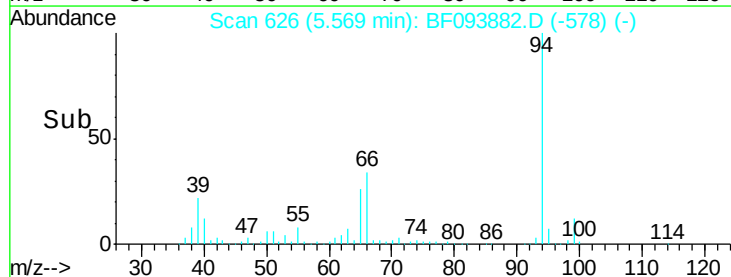
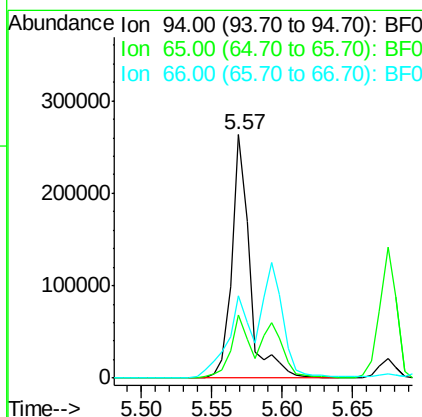
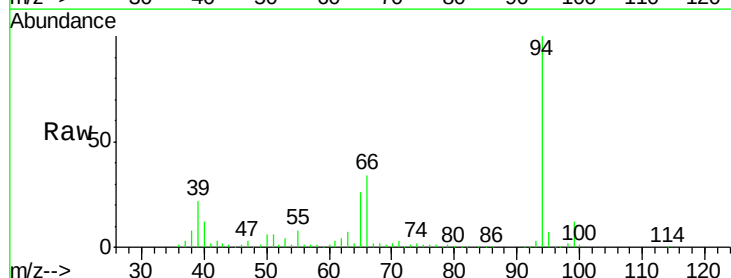
RT: 5.57 min Scan# 626

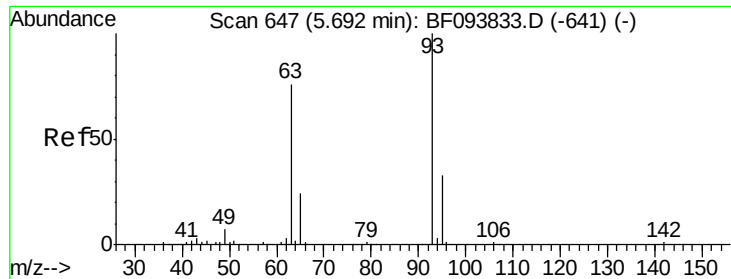
Delta R.T. -0.02 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion:	94	Resp:	234929
Ion	Ratio	Lower	Upper
94	100		
65	26.2	9.9	49.9
66	33.8	23.1	63.1





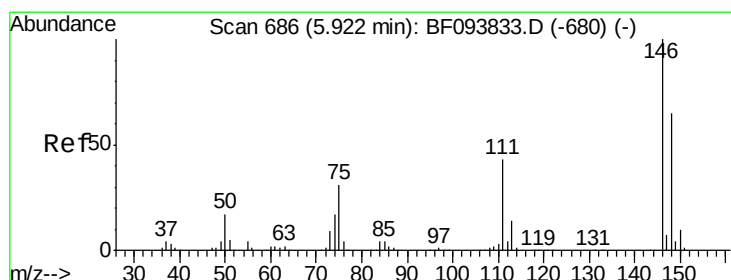
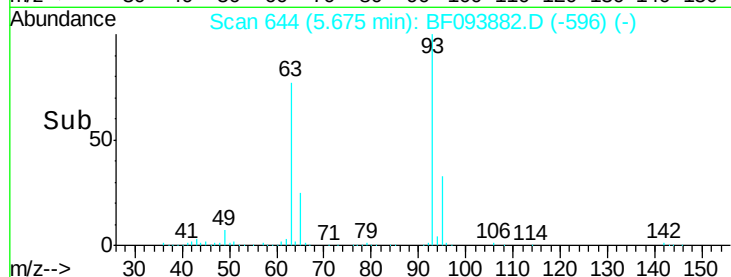
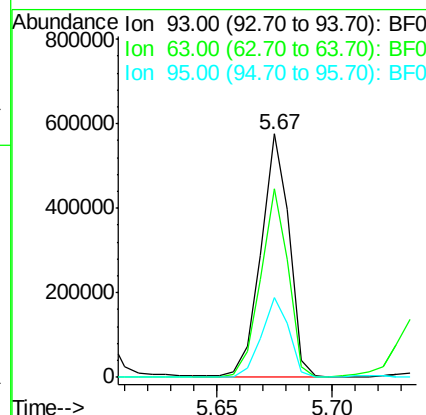
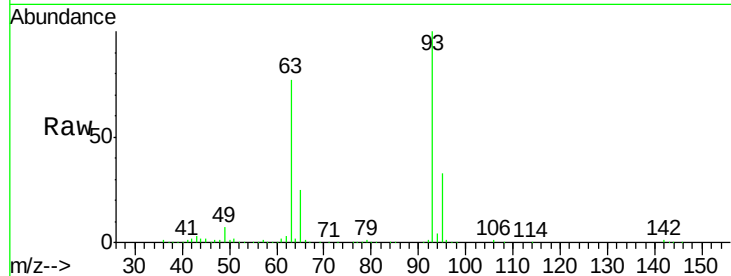
#11
bis(2-Chloroethyl)ether
Concen: 44.98 ng
RT: 5.67 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.4	59.2	99.2
95	32.8	12.8	52.8

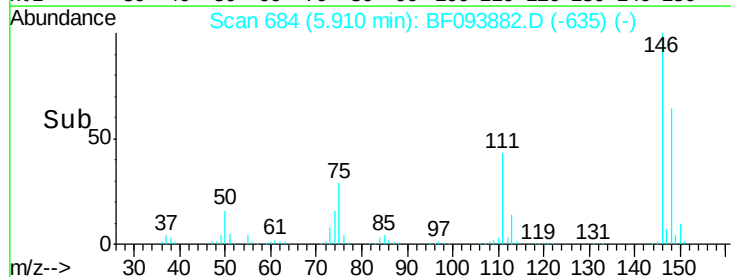
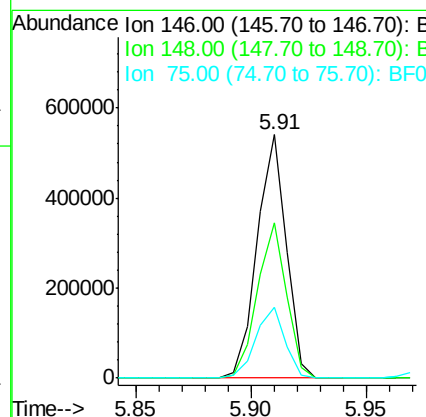
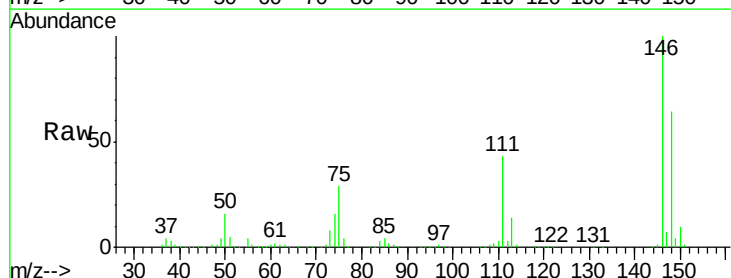
Manual Integrations
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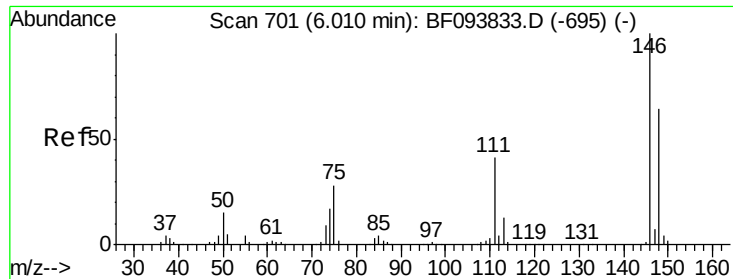
mohammad
3/24/2017 4:10:44 PM



#12
1,3-Dichlorobenzene
Concen: 39.13 ng
RT: 5.91 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
75	28.9	23.1	34.7





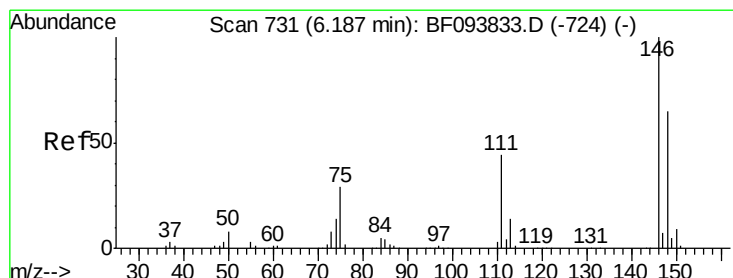
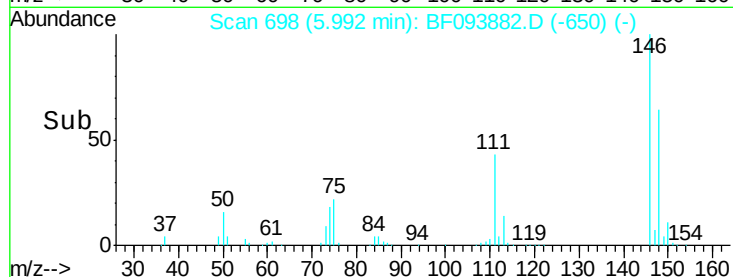
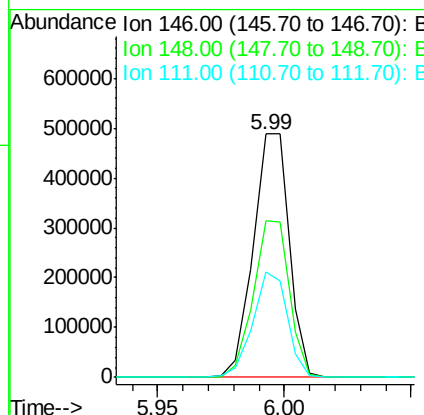
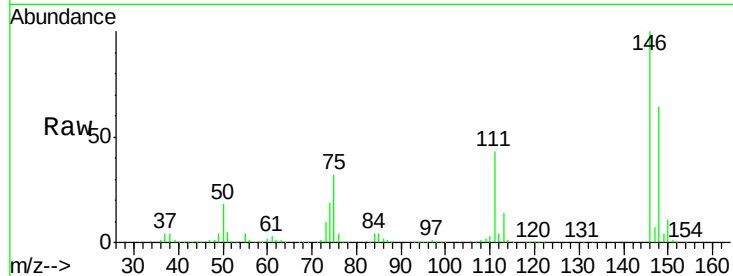
#13
1,4-Dichlorobenzene
Concen: 39.25 ng
RT: 5.99 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	43.3	30.3	45.5

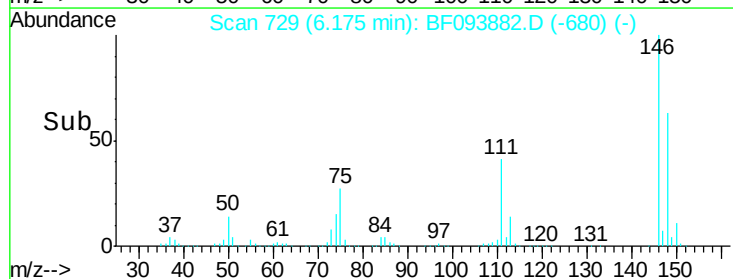
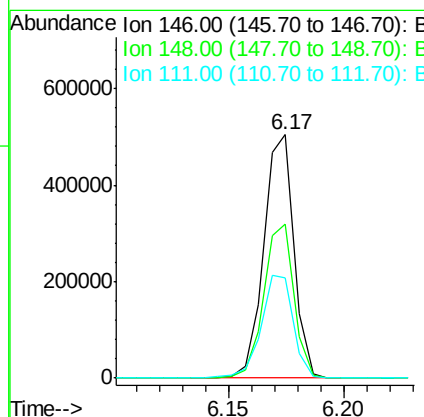
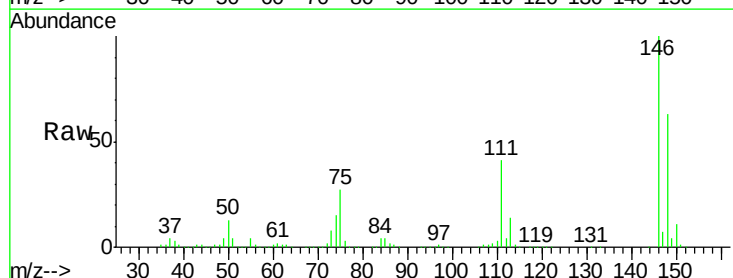
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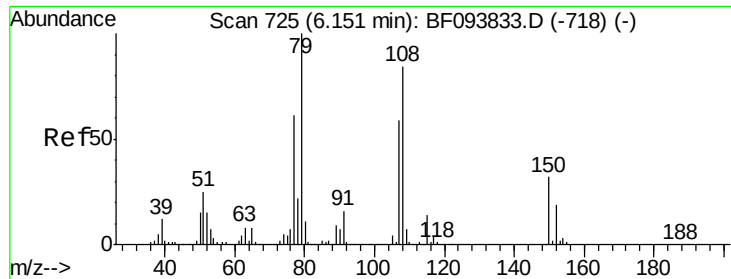
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.06 ng
RT: 6.17 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
111	41.0	38.2	57.4





#15

Benzyl Alcohol

Concen: 31.26 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

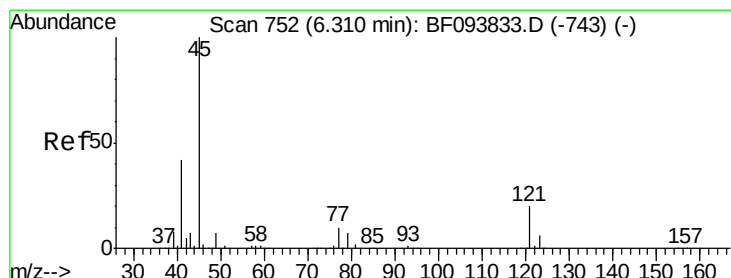
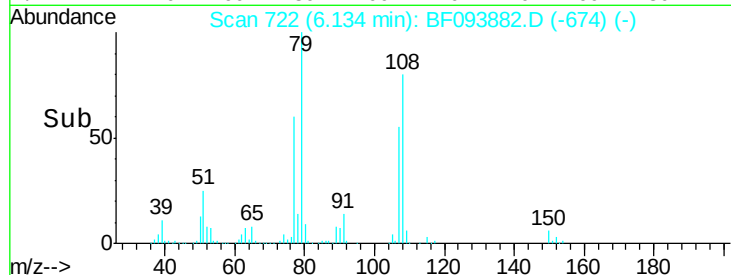
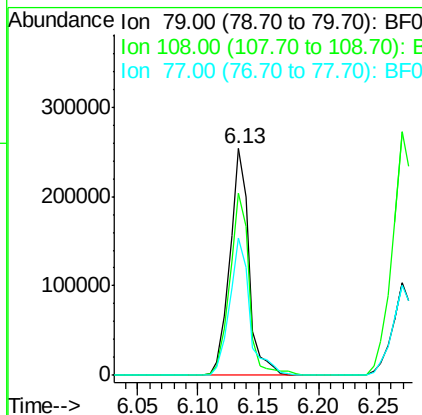
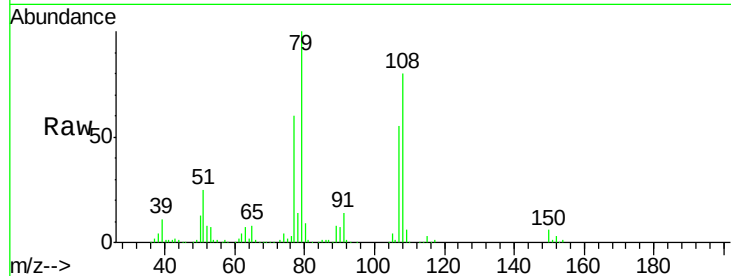
ClientSampleId :

S8-0666MS

Tgt Ion:	79	Resp:	280365
Ion Ratio	Lower	Upper	
79	100		
108	80.3	63.4	95.0
77	60.4	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.05 ng

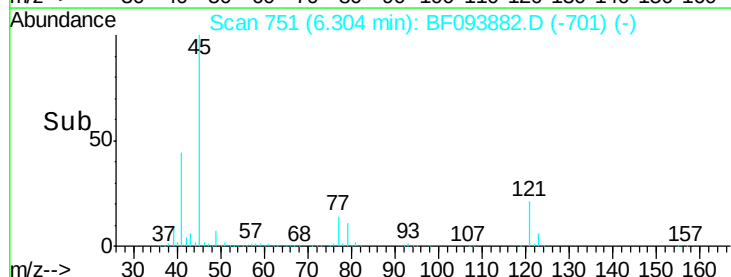
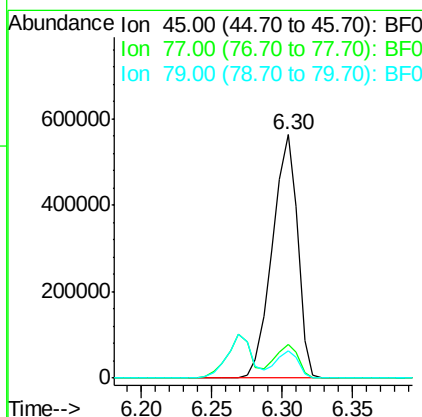
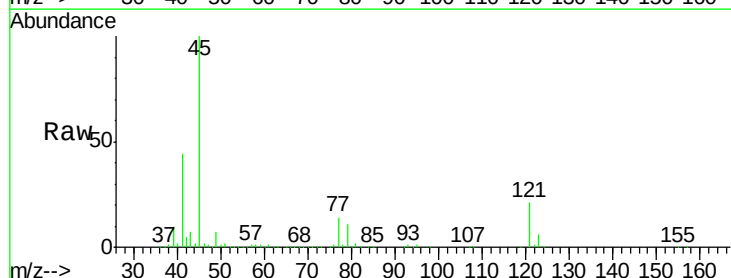
RT: 6.30 min Scan# 751

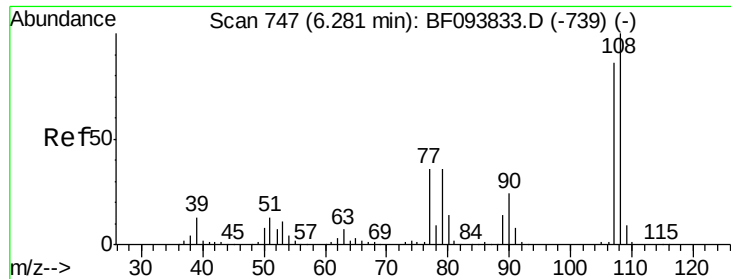
Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion:	45	Resp:	706062
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	33.2
79	11.3	0.0	30.0





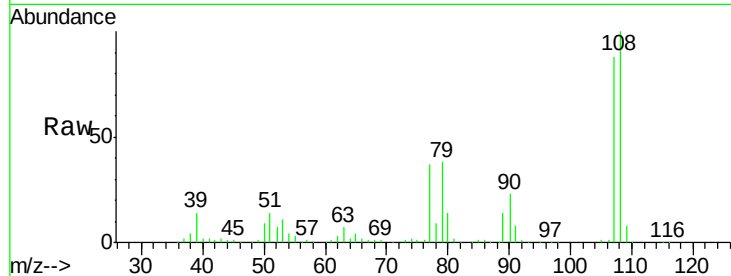
#17
2-Methylphenol
Concen: 29.85 ng
RT: 6.27 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	278333		
108	113.9	93.4	140.0	
77	42.3	35.8	53.6	
79	43.0	34.8	52.2	

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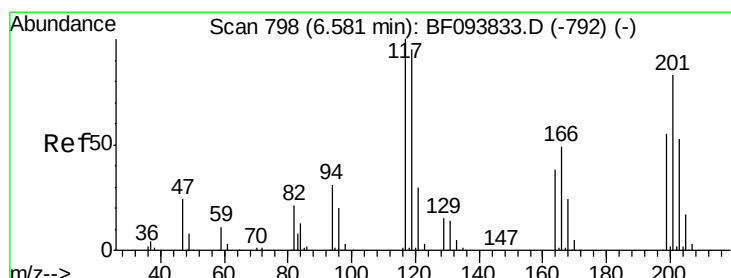
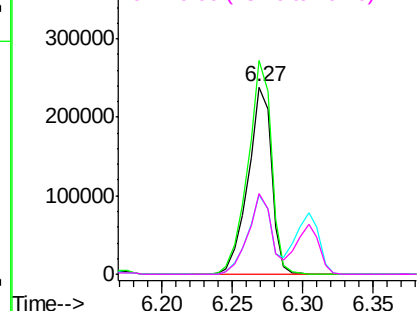
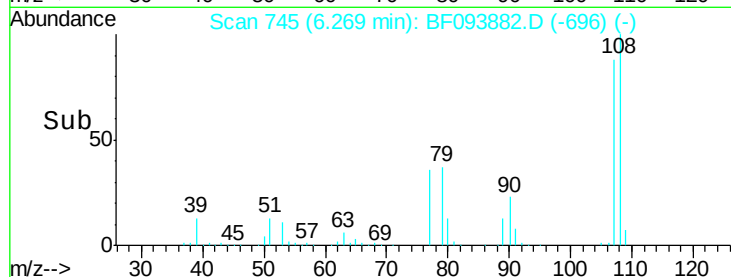
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

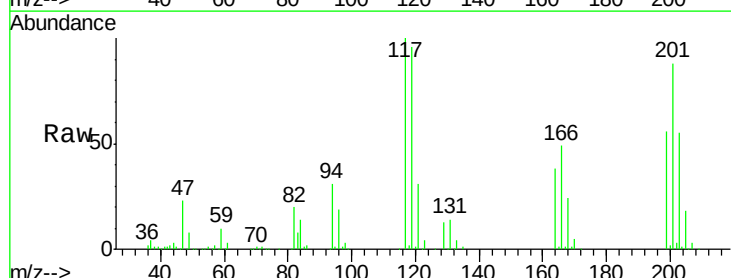
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 38.16 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	165903		
119	96.2	77.4	116.0	
201	87.6	94.6	141.8#	

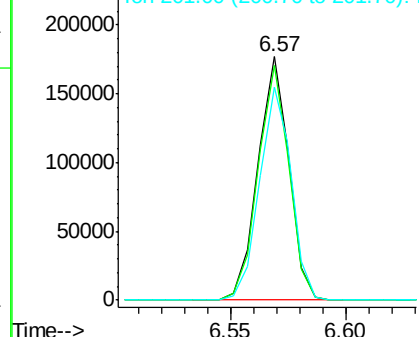
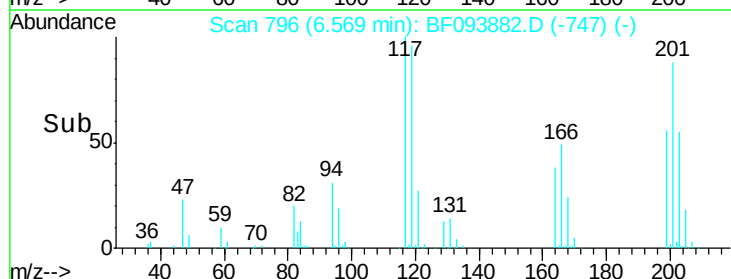


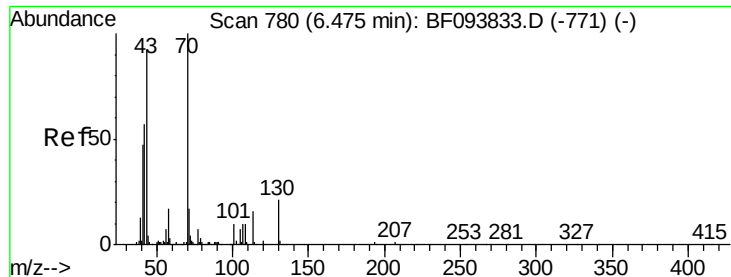
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





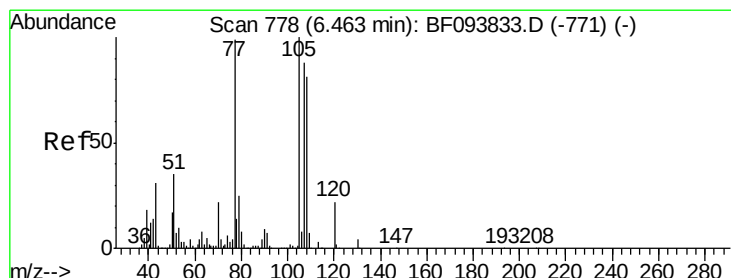
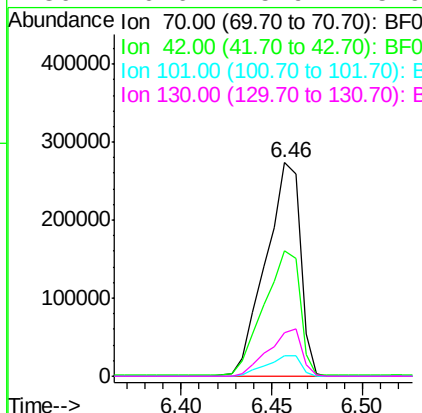
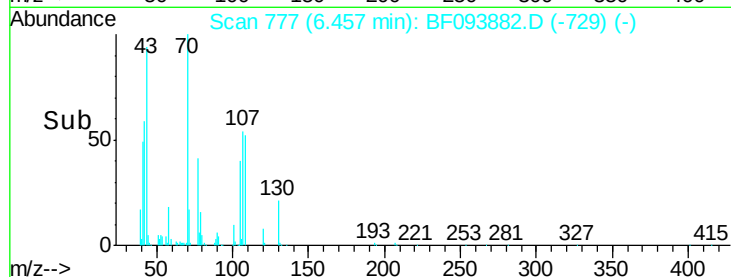
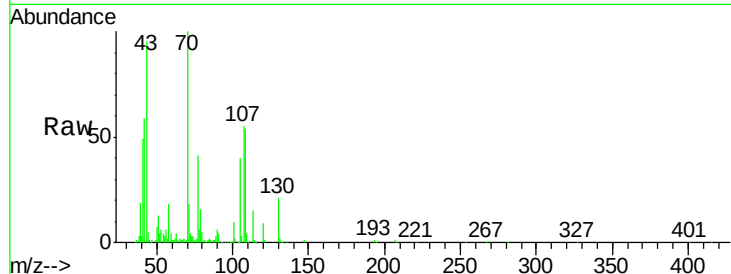
#19
n-Nitroso-di-n-propylamine
Concen: 45.96 ng
RT: 6.46 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.2	70.8
101	9.5	7.2	10.8
130	20.6	15.9	23.9

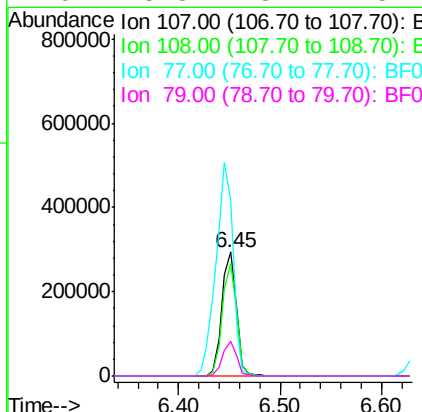
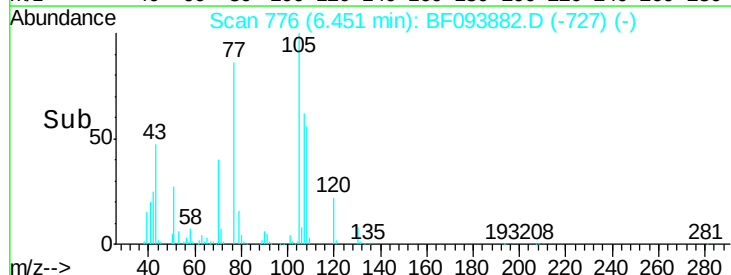
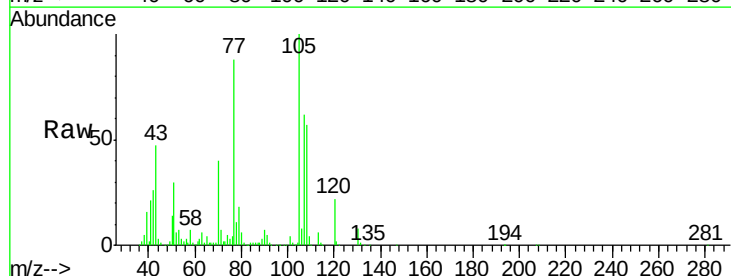
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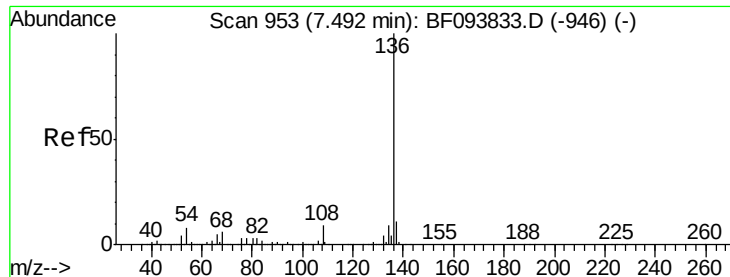
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#20
3+4-Methylphenols
Concen: 25.83 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.0	111.0
77	141.6	90.5	130.5#
79	28.3	8.4	48.4





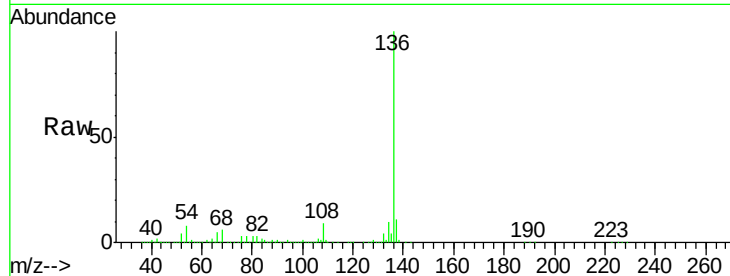
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

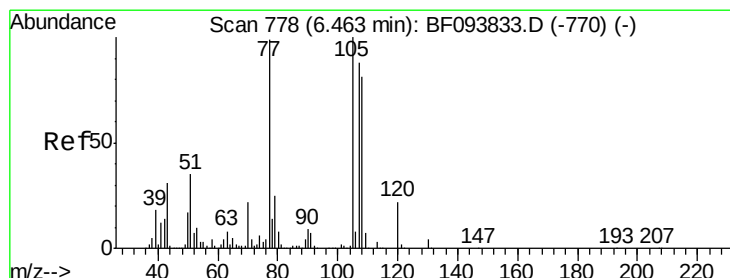
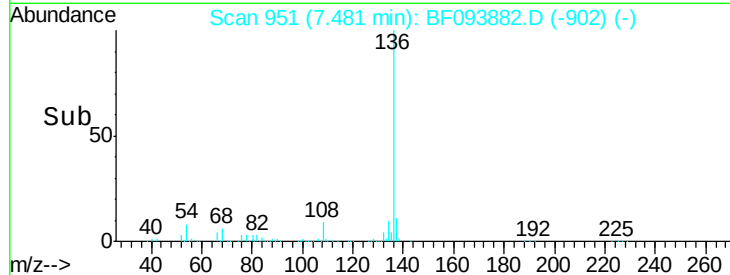
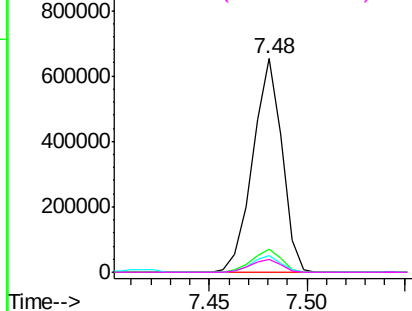
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	674213		
137	10.7	8.5	12.7	
54	7.6	4.9	7.3#	
68	5.8	4.1	6.1	

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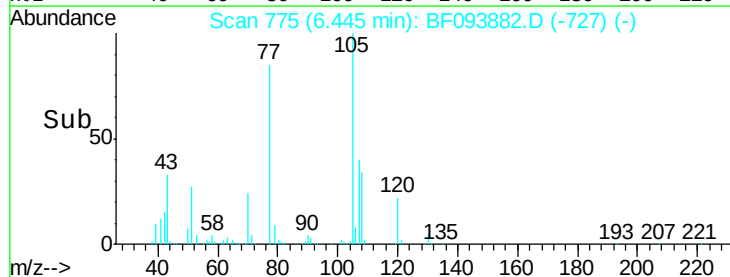
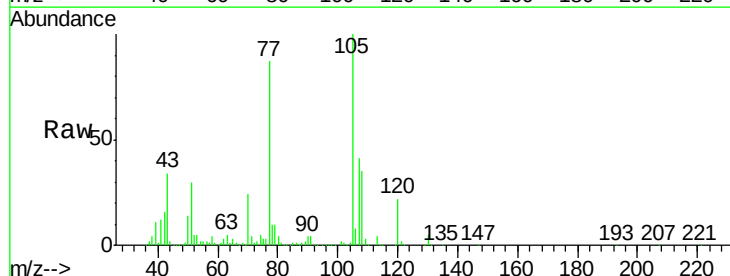
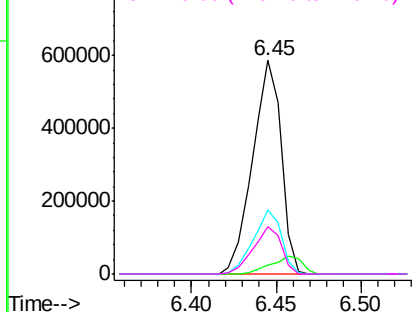
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

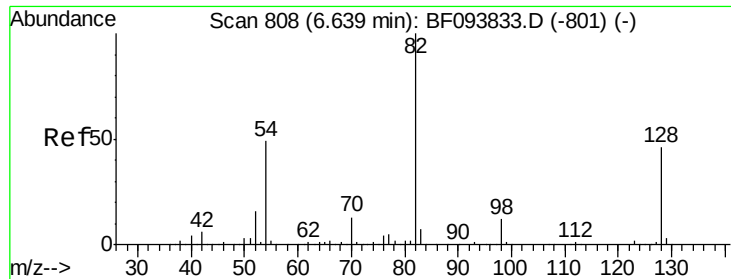


#22
Acetophenone
Concen: 46.11 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	692892		
71	4.1	2.8	4.2	
51	29.9	30.7	46.1#	
120	22.3	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





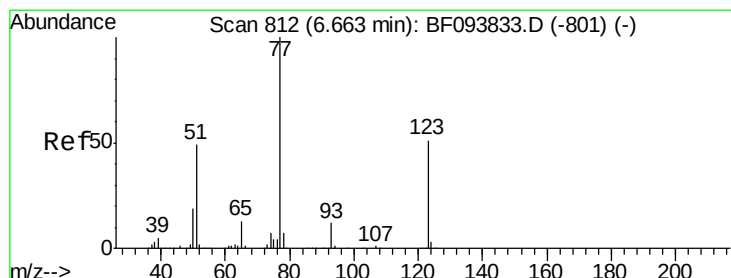
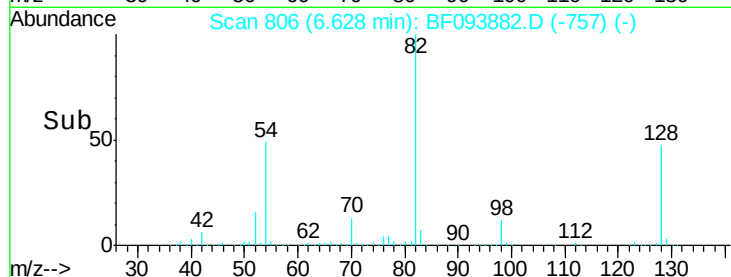
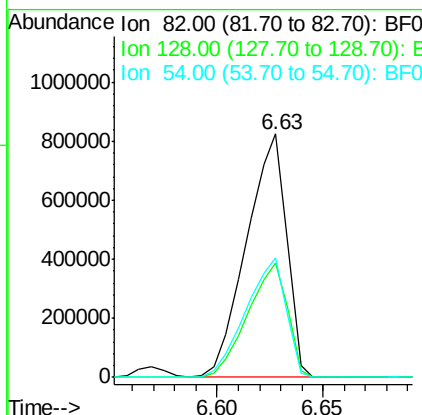
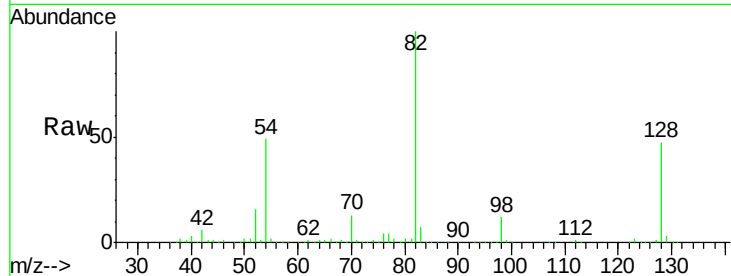
#23
Nitrobenzene-d5
Concen: 92.07 ng
RT: 6.63 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tgt Ion: 82 Resp: 1087681
Ion Ratio Lower Upper
82 100
128 47.1 34.0 51.0
54 49.3 42.2 63.2

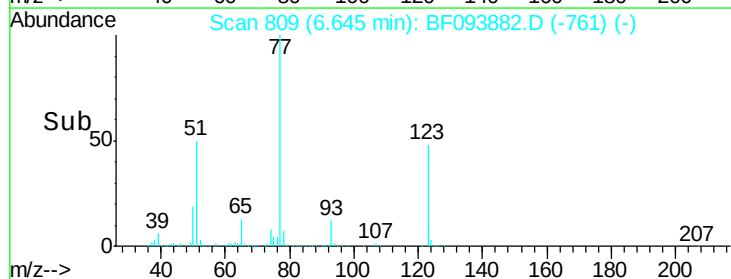
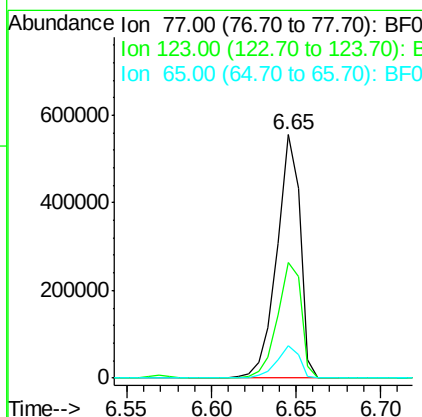
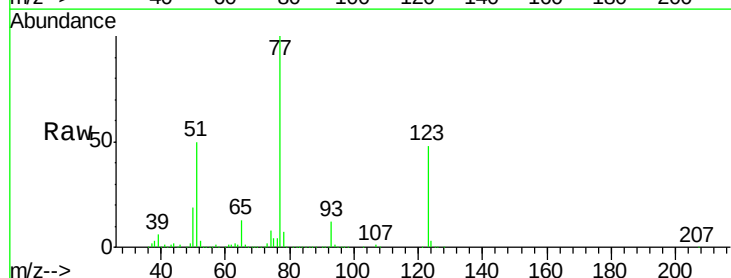
Manual Integrations
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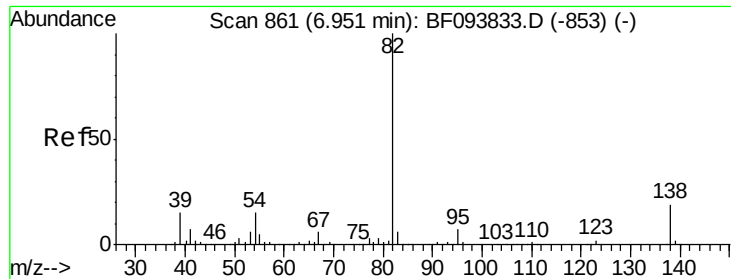
mohammad
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#24
Nitrobenzene
Concen: 45.66 ng
RT: 6.65 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion: 77 Resp: 532052
Ion Ratio Lower Upper
77 100
123 47.7 35.8 53.8
65 13.2 10.6 15.8





#25

Isophorone

Concen: 46.88 ng

RT: 6.94 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

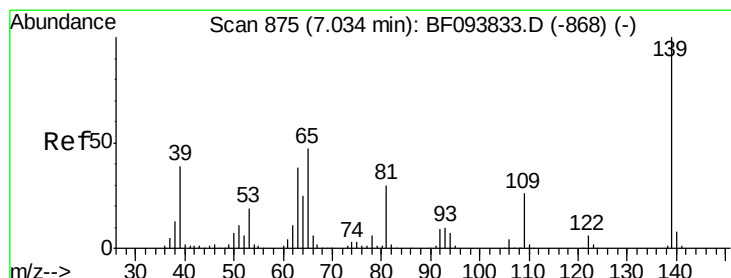
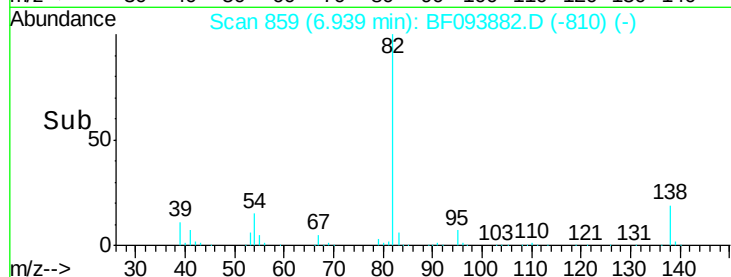
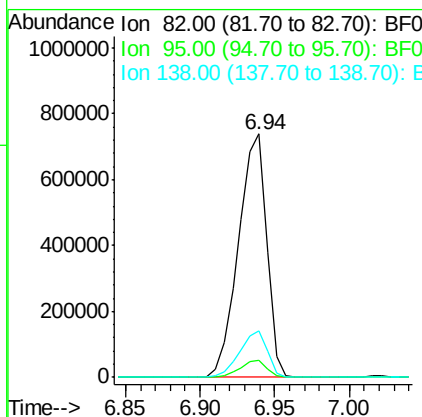
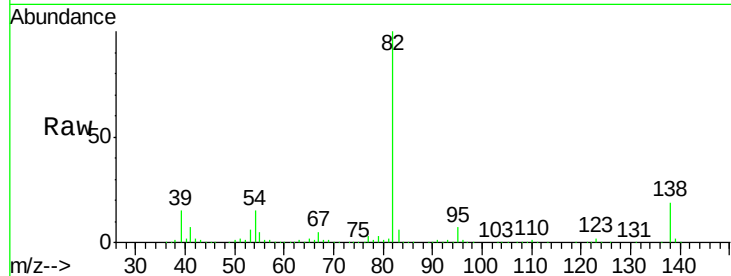
ClientSampleId :

S8-0666MS

Tgt Ion:	82	Resp:	973210
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.3	7.9
138	19.2	13.1	19.7

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#26

2-Nitrophenol

Concen: 48.42 ng

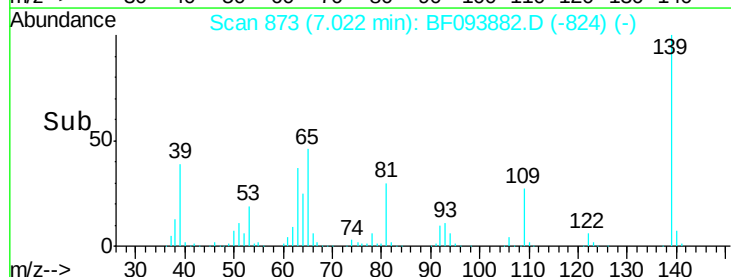
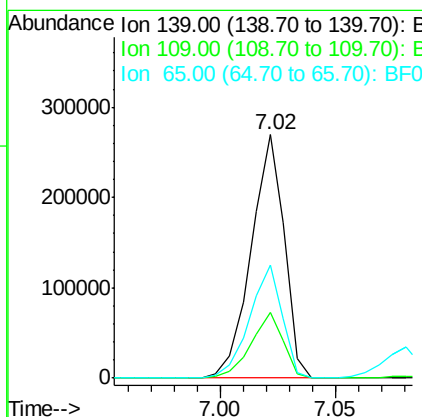
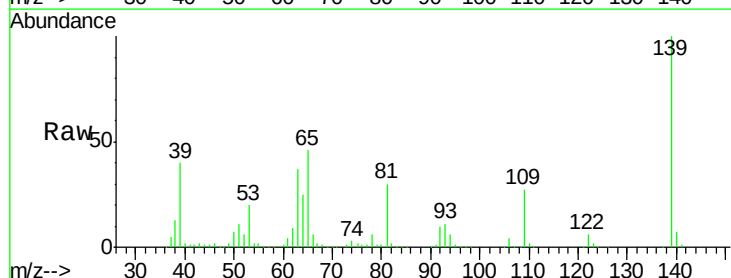
RT: 7.02 min Scan# 873

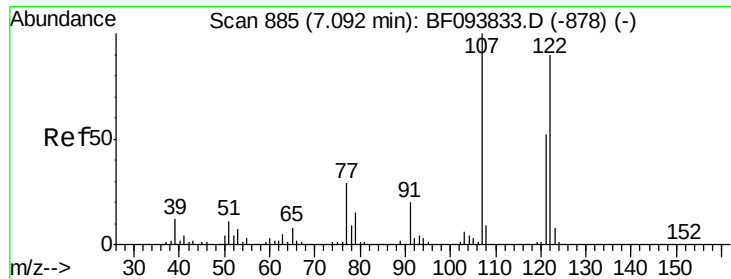
Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion:	139	Resp:	269052
Ion Ratio		Lower	Upper
139	100		
109	26.9	21.0	31.6
65	46.2	33.0	49.6





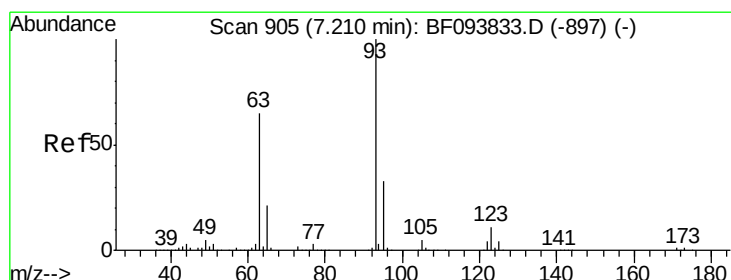
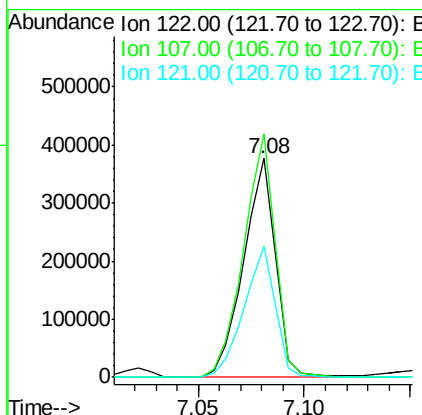
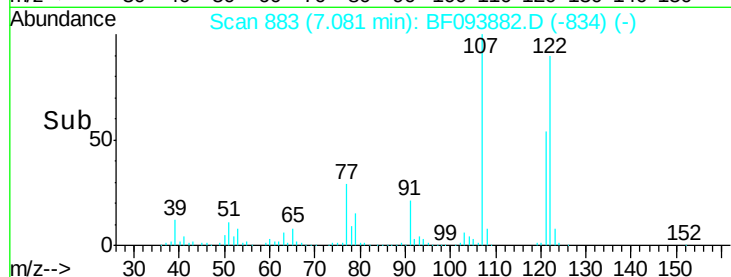
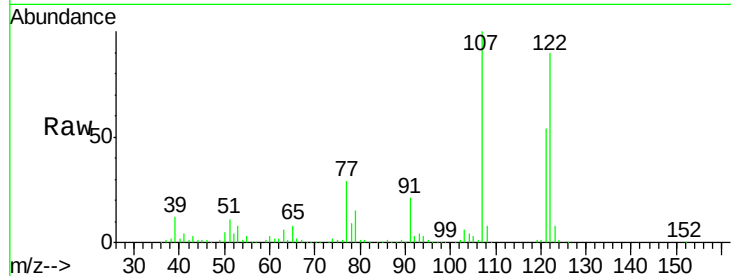
#27
2,4-Dimethylphenol
Concen: 41.44 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	396789		
107	111.2	89.2	133.8	
121	59.9	45.2	67.8	

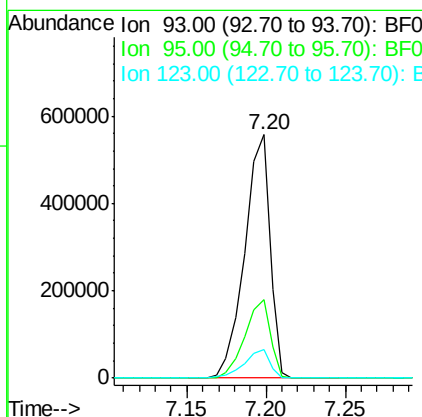
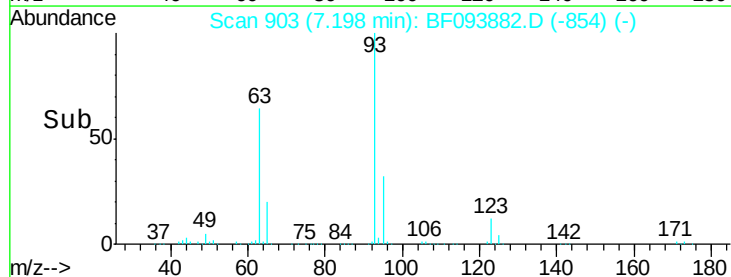
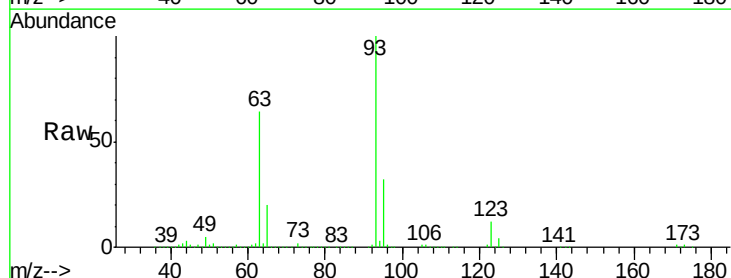
Manual Integrations
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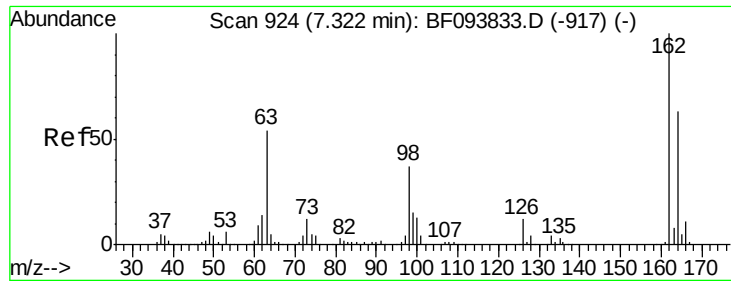
mohammad
3/24/2017 4:10:44 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.96 ng
RT: 7.20 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	615487		
95	32.4	26.5	39.7	
123	11.6	9.0	13.4	





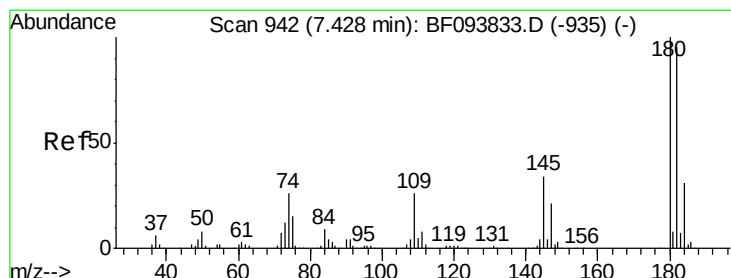
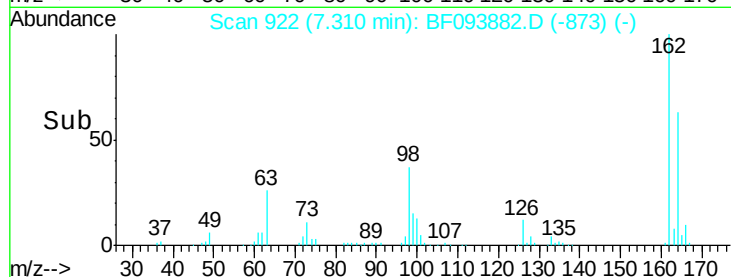
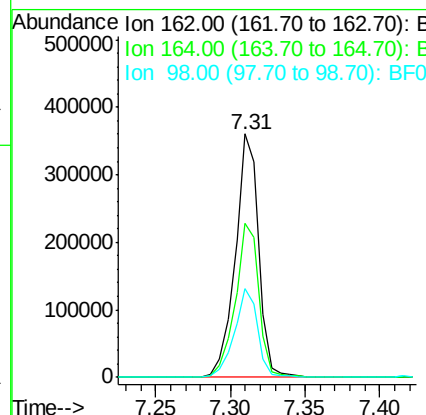
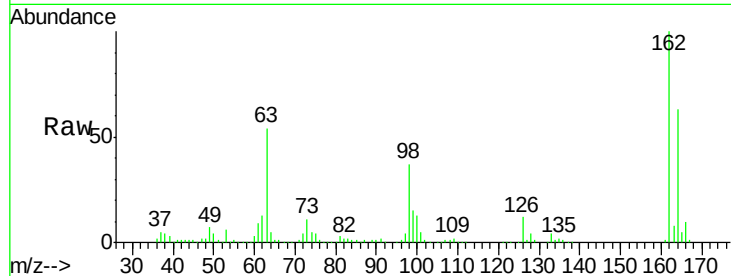
#29
 2,4-Dichlorophenol
 Concen: 44.33 ng
 RT: 7.31 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Tgt Ion:	162	Resp:	396816
Ion Ratio	Lower	Upper	
162	100		
164	63.3	44.6	84.6
98	36.7	14.8	54.8

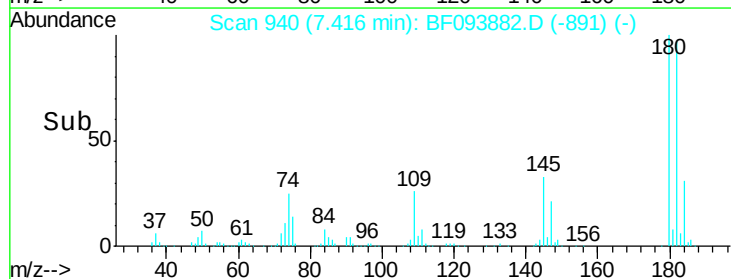
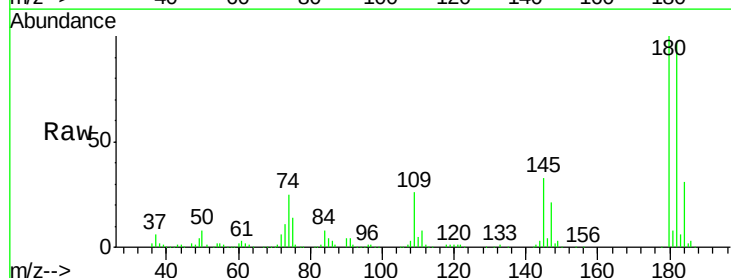
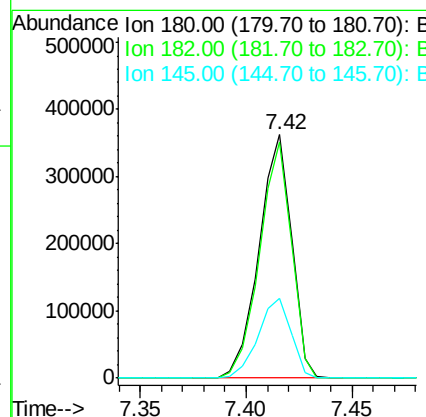
Manual Integrations
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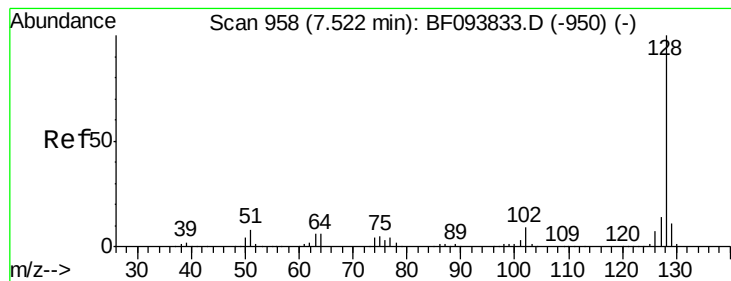
mohammad
 3/24/2017 4:10:44 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.18 ng
 RT: 7.42 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion:	180	Resp:	388862
Ion Ratio	Lower	Upper	
180	100		
182	96.8	75.8	113.6
145	32.8	25.3	37.9





#31

Naphthalene

Concen: 41.85 ng

RT: 7.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

Tgt Ion:128 Resp: 1356605

Ion Ratio Lower Upper

128 100

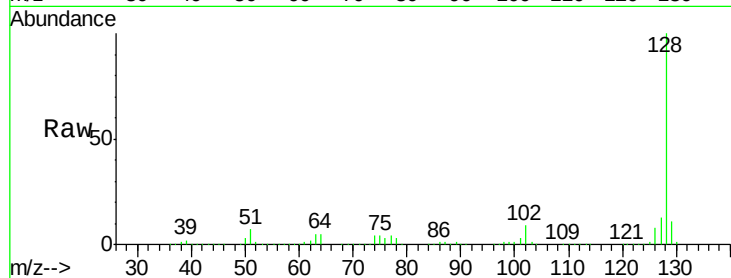
129 11.1 9.0 13.6

127 13.4 10.8 16.2

Manual Integrations
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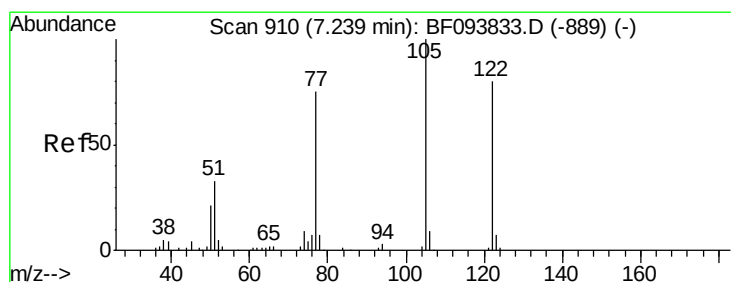
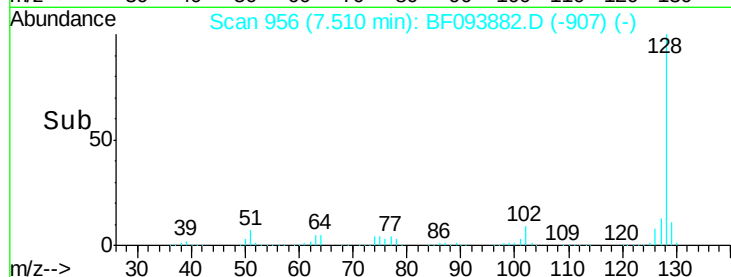
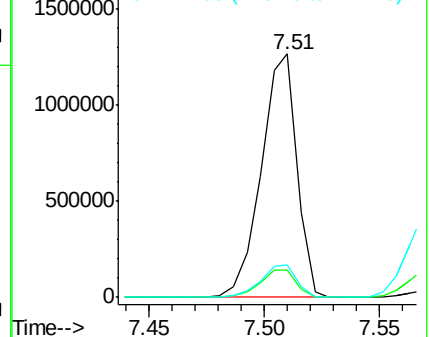
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.43 ng

RT: 7.19 min Scan# 901

Delta R.T. -0.05 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

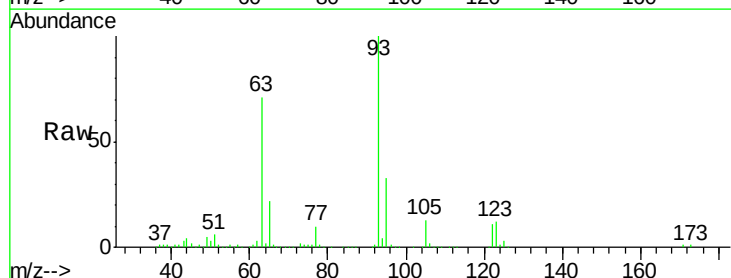
Tgt Ion:122 Resp: 66489

Ion Ratio Lower Upper

122 100

105 120.6 103.3 143.3

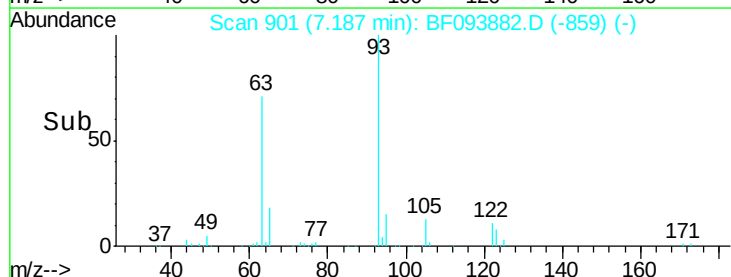
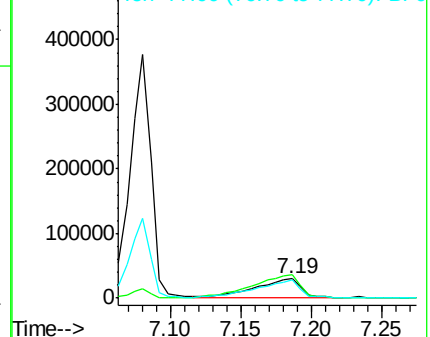
77 94.2 73.7 113.7

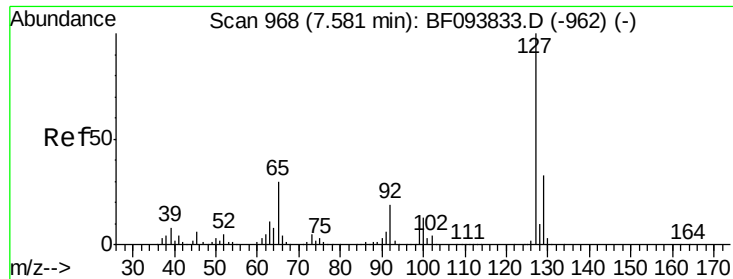


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





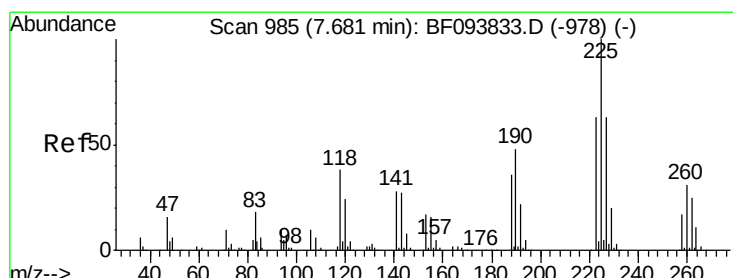
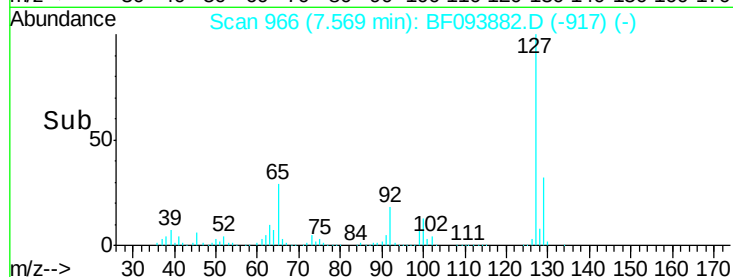
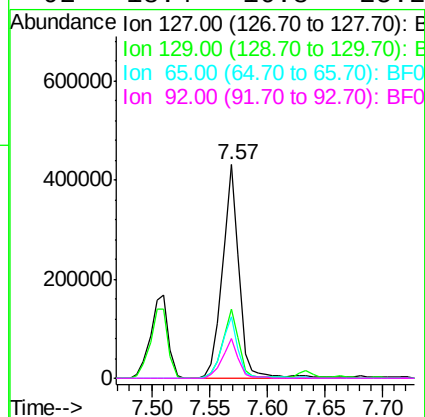
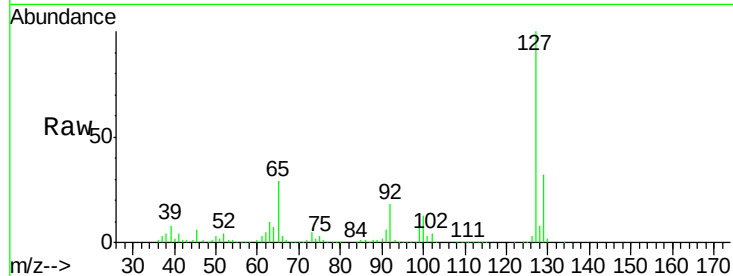
#33
 4-Chloroaniline
 Concen: 33.15 ng
 RT: 7.57 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	435590		
129	32.3	26.2	39.2	
65	28.6	27.8	41.8	
92	18.4	16.8	25.2	

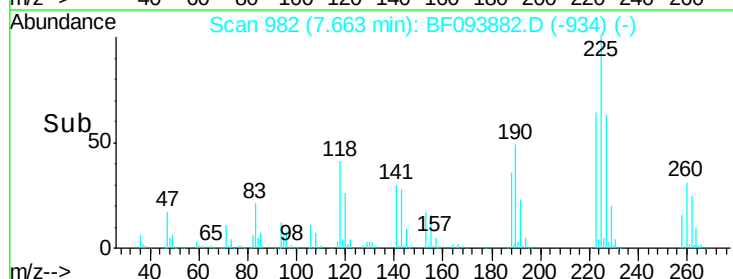
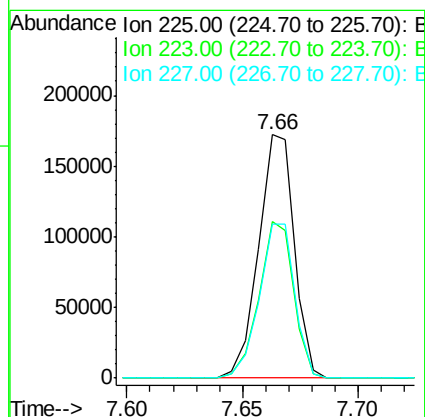
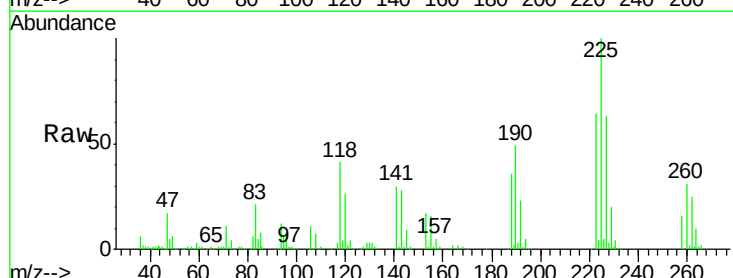
Manual Integrations
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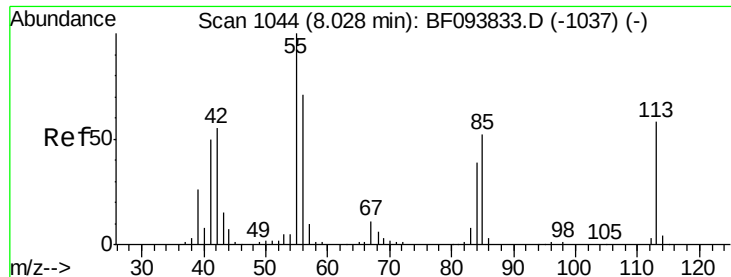
mohammad
 3/24/2017 4:10:44 PM



#34
 Hexachlorobutadiene
 Concen: 39.19 ng
 RT: 7.66 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	185284		
223	64.2	48.8	73.2	
227	63.1	51.1	76.7	





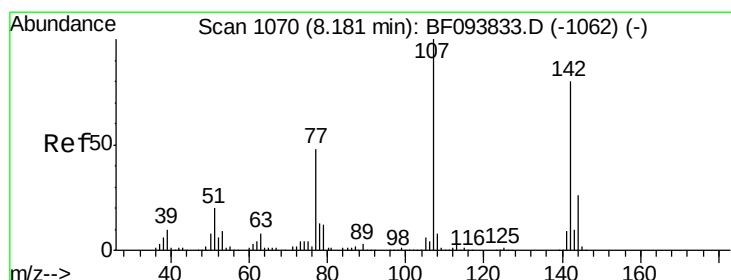
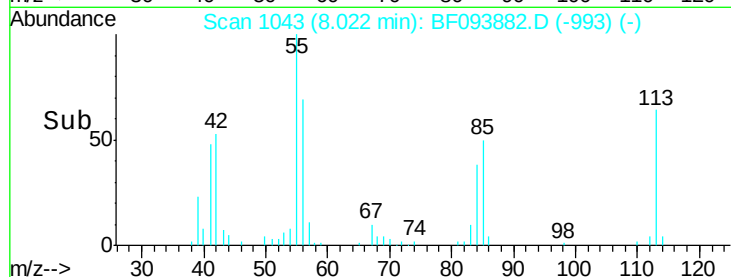
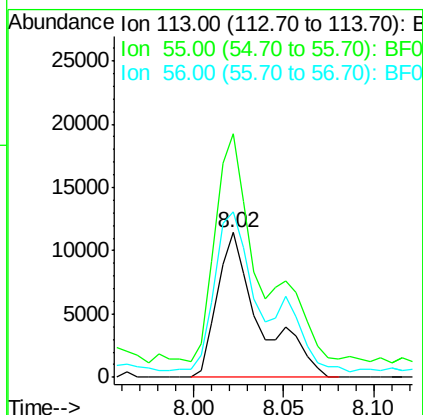
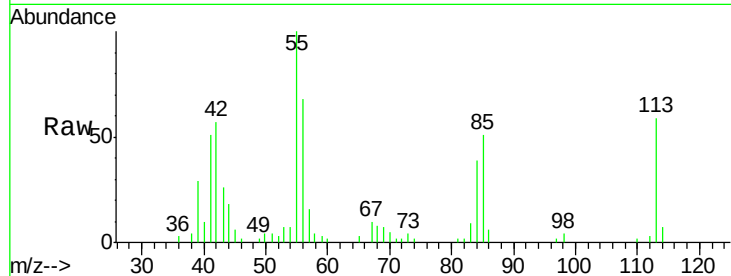
#35
 Caprolactam
 Concen: 6.68 ng m
 RT: 8.02 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampled :
 S8-0666MS

Tgt Ion:113 Resp: 19081
 Ion Ratio Lower Upper
 113 100
 55 168.1 150.2 190.2
 56 114.7 107.8 147.8

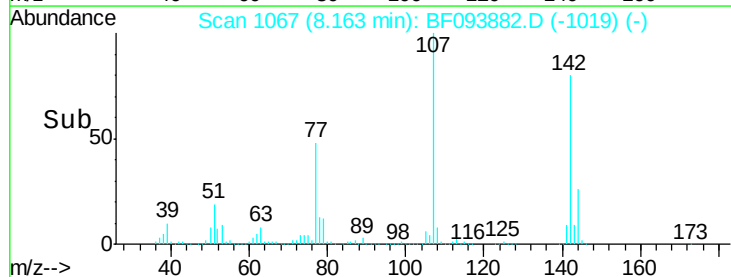
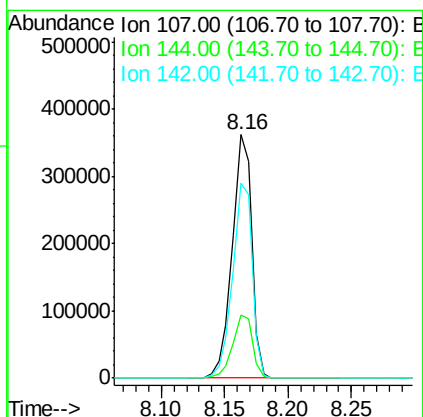
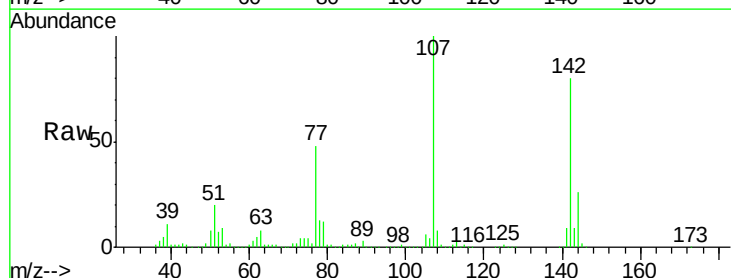
Manual Integrations
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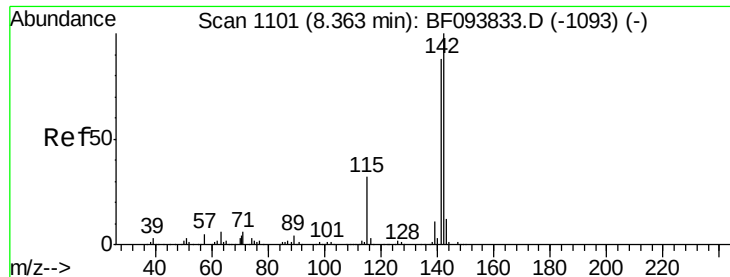
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.90 ng
 RT: 8.16 min Scan# 1067
 Delta R.T. -0.02 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion:107 Resp: 382612
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 80.2 73.4 110.0





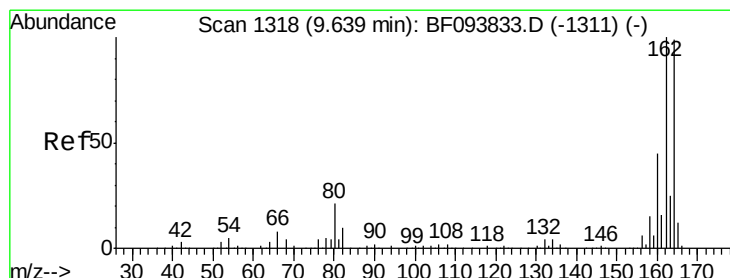
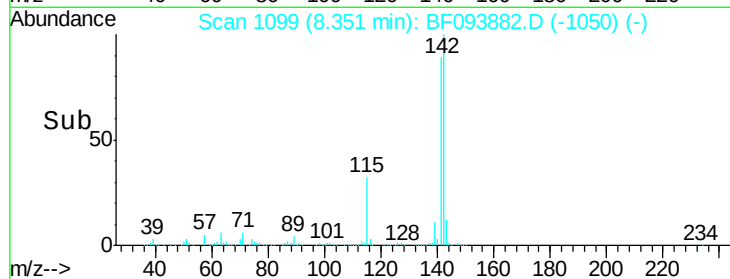
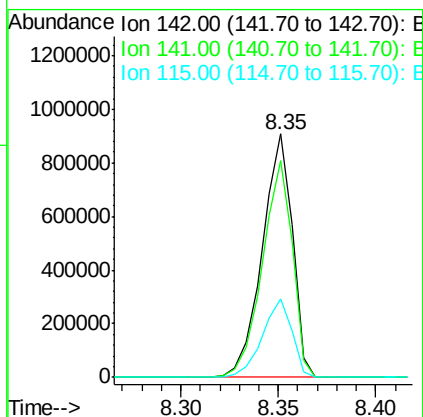
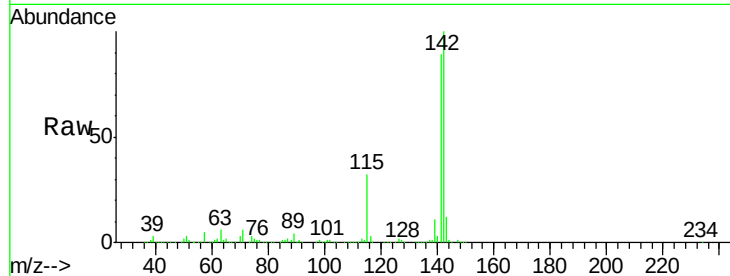
#37
 2-Methylnaphthalene
 Concen: 44.82 ng
 RT: 8.35 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	968564		
141	88.9	71.3	106.9	
115	32.3	27.1	40.7	

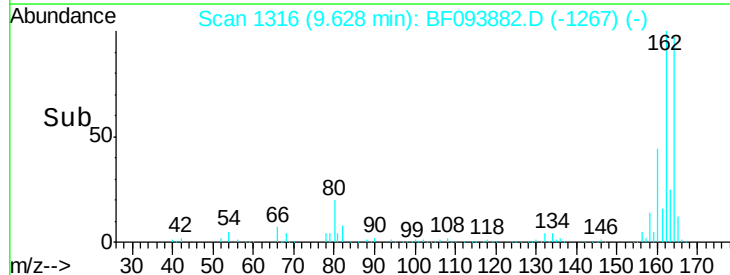
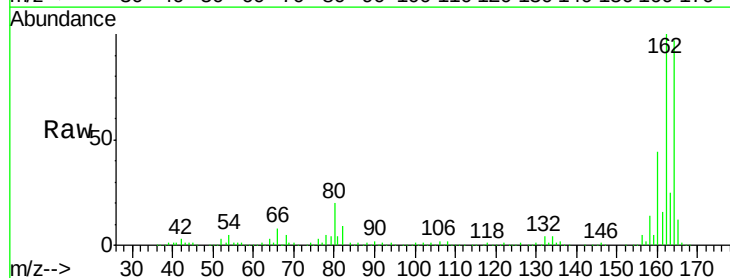
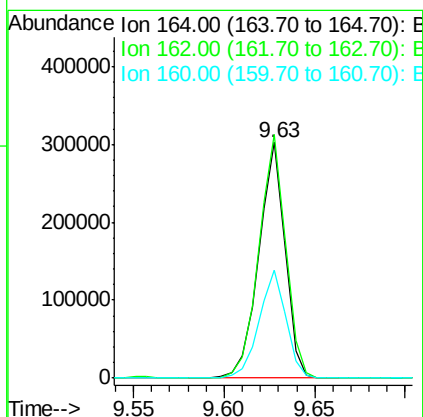
Manual Integrations
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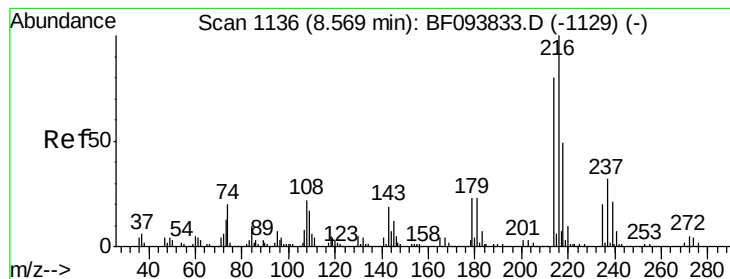
mohammad
 3/24/2017 4:10:44 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	304821		
162	103.5	82.6	123.8	
160	45.6	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.25 ng

RT: 8.56 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

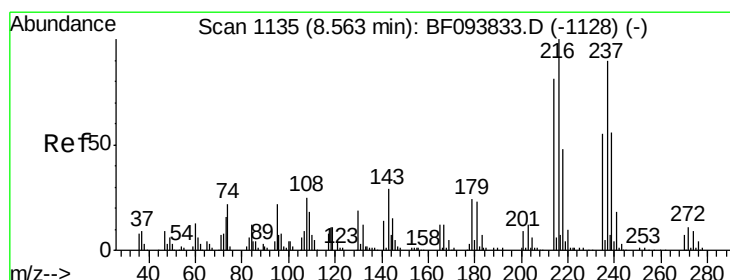
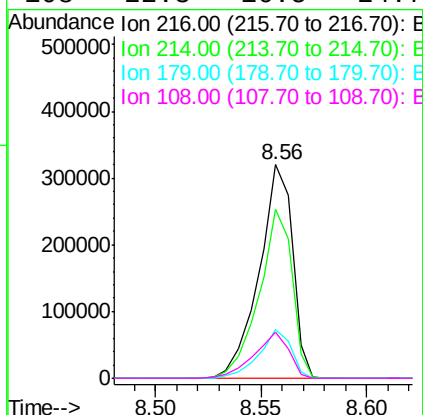
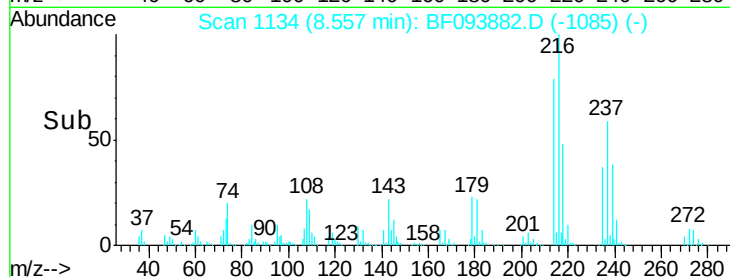
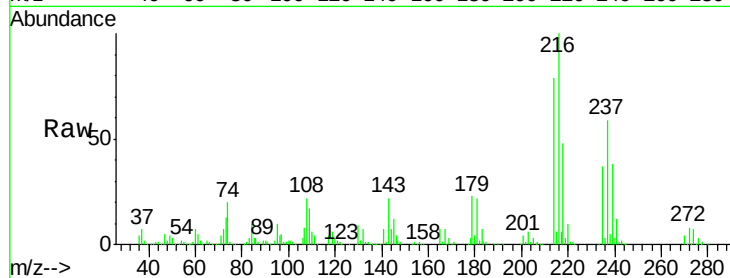
ClientSampled :

S8-0666MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	352293		
214	78.0	63.4	95.2	
179	22.1	17.9	26.9	
108	22.3	16.5	24.7	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 78.51 ng

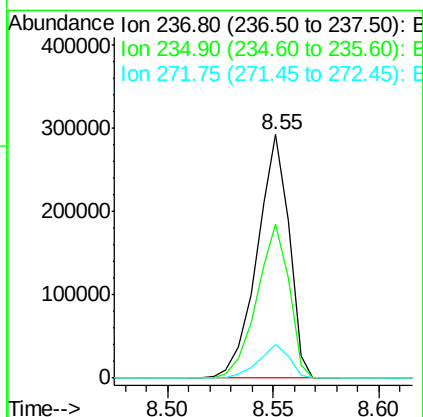
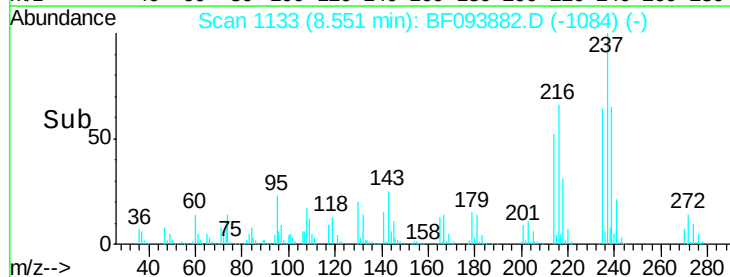
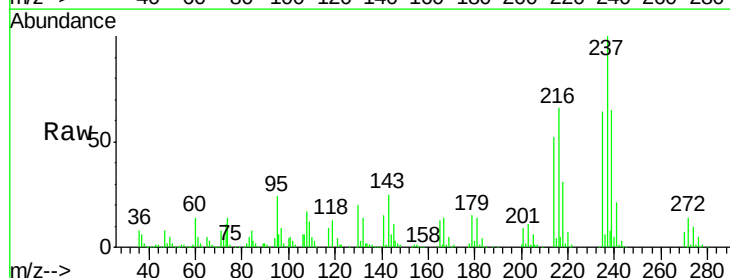
RT: 8.55 min Scan# 1133

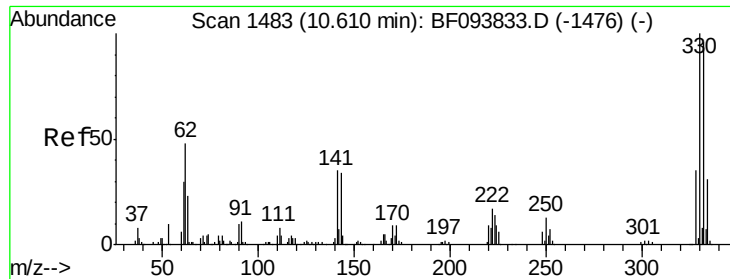
Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	306361		
235	63.5	42.6	82.6	
272	13.6	0.0	31.9	





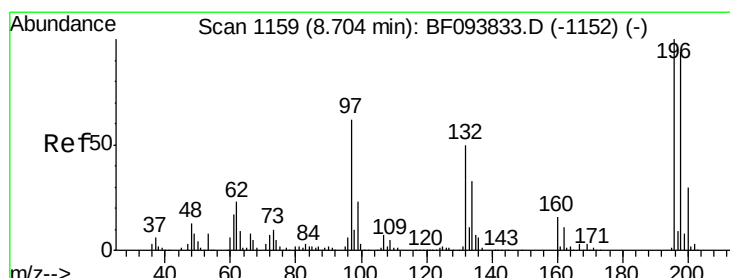
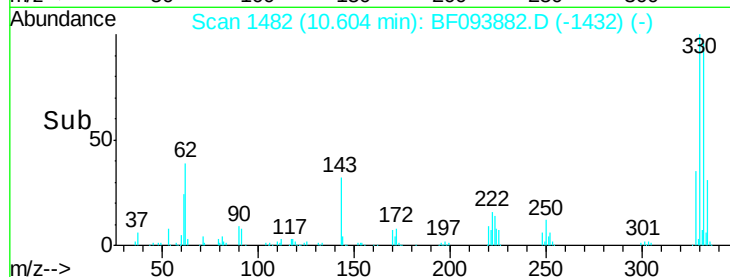
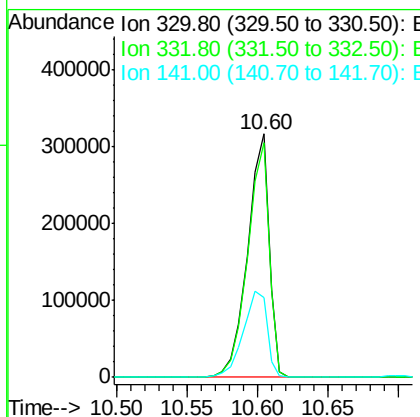
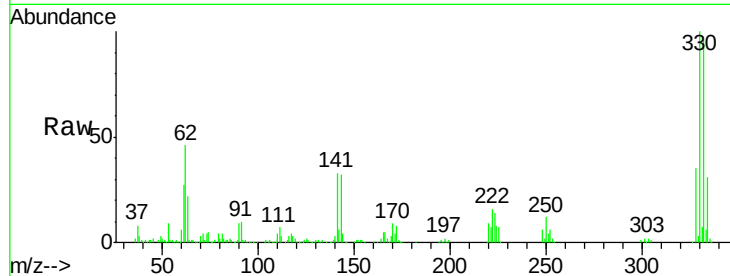
#41
 2,4,6-Tribromophenol
 Concen: 141.72 ng
 RT: 10.60 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	341373		
332	96.5	76.6	115.0	
141	39.1	31.4	47.2	

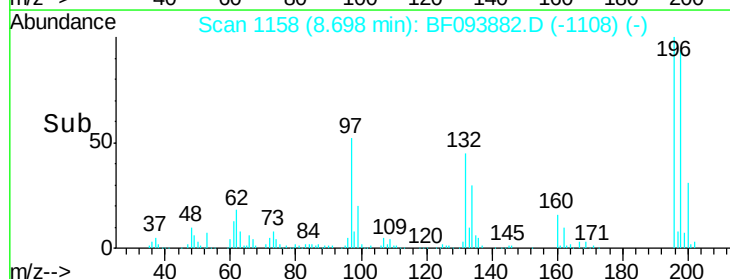
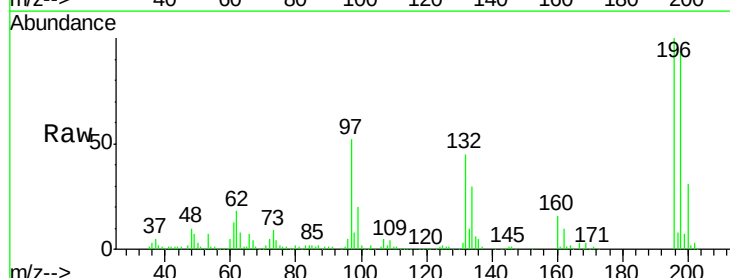
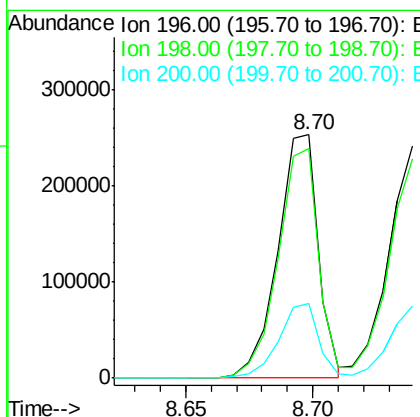
Manual Integrations
 APPROVED

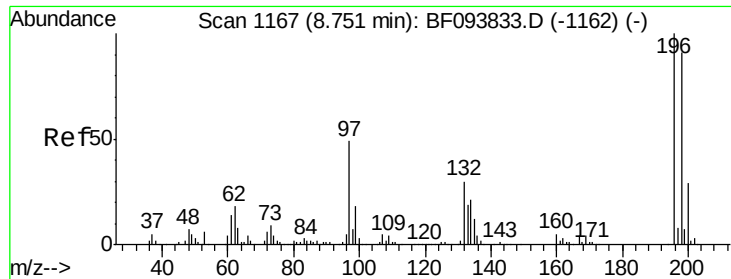
mohammad
 3/24/2017 4:10:44 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.48 ng
 RT: 8.70 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280137		
198	94.3	74.2	111.4	
200	30.6	24.0	36.0	





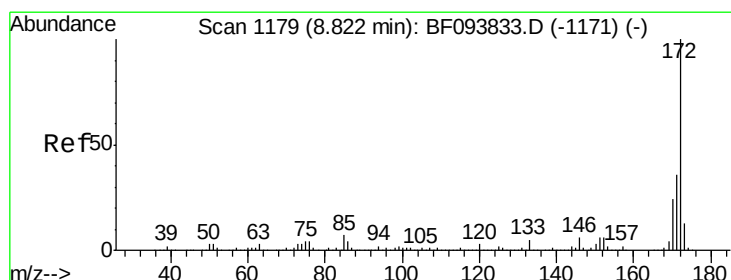
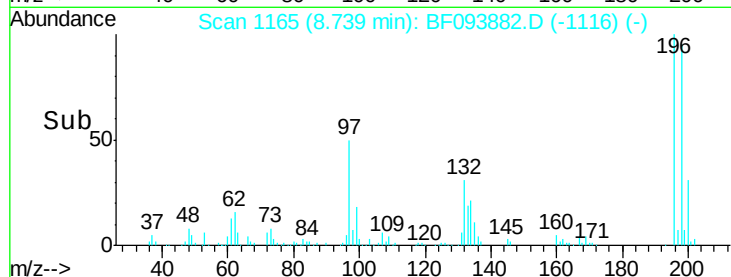
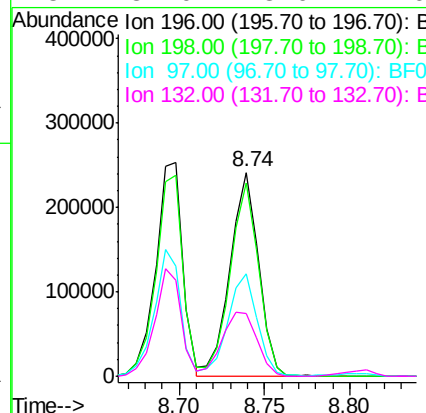
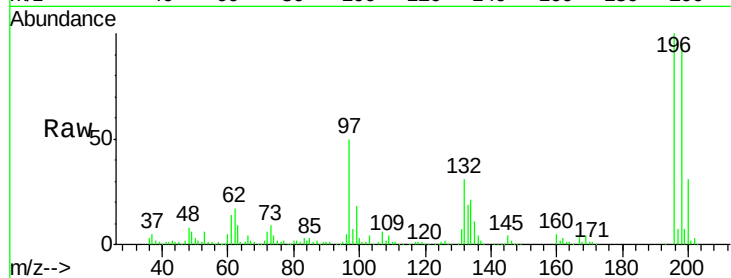
#43
 2,4,5-Trichlorophenol
 Concen: 43.86 ng m
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280000		
198	94.5	75.7	113.5	
97	50.0	47.7	71.5	
132	31.0	28.0	42.0	

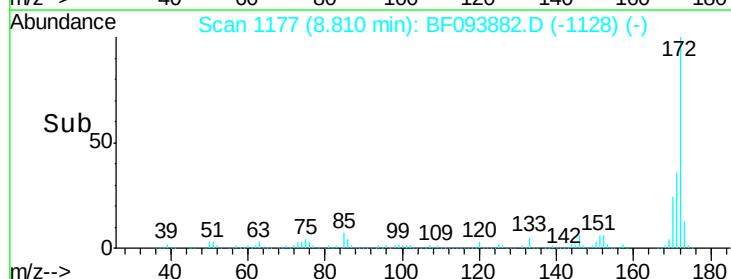
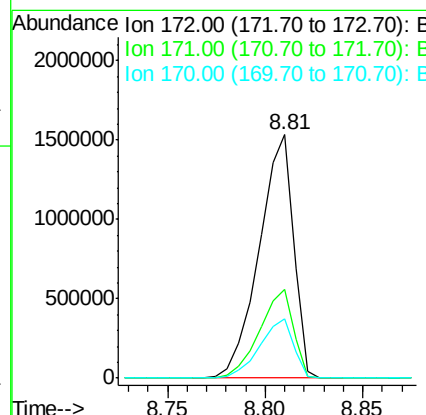
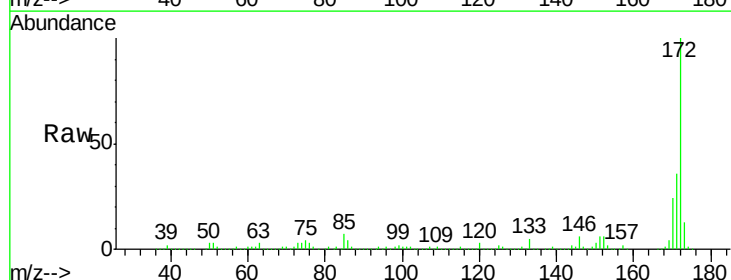
Manual Integrations
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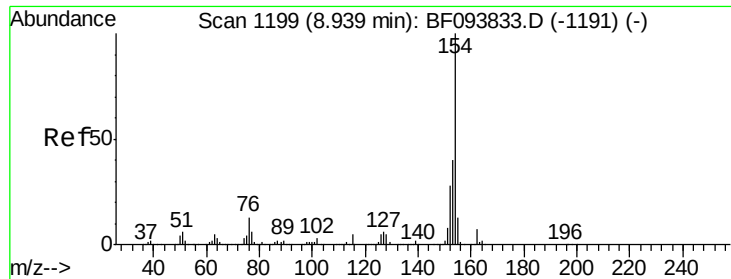
mohammad
 3/24/2017 4:10:44 PM



#44
 2-Fluorobiphenyl
 Concen: 93.52 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1868914		
171	36.2	29.6	44.4	
170	24.2	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 44.65 ng

RT: 8.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

Tgt Ion:154 Resp: 1097732

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

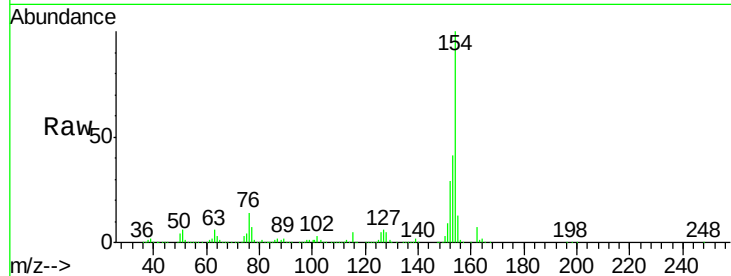
76 13.6 0.0 29.9

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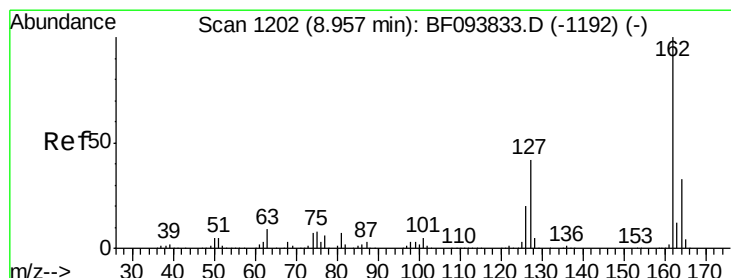
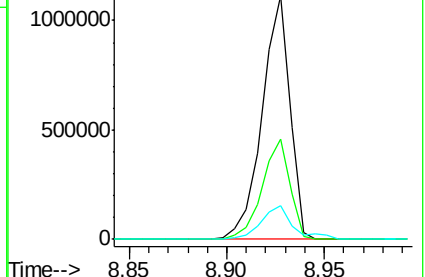
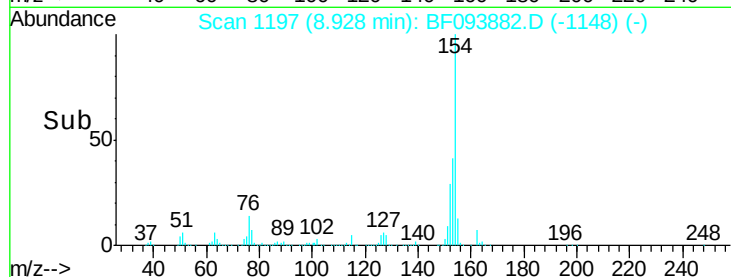
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.14 ng

RT: 8.95 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

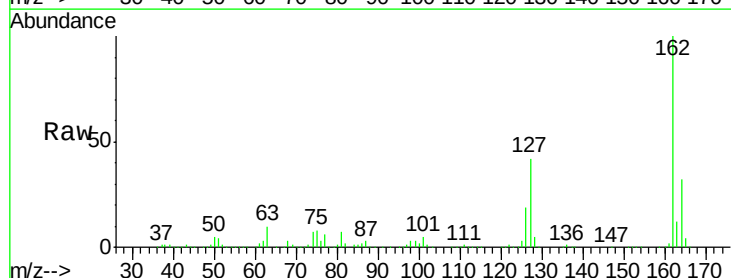
Tgt Ion:162 Resp: 868816

Ion Ratio Lower Upper

162 100

127 41.6 28.3 42.5

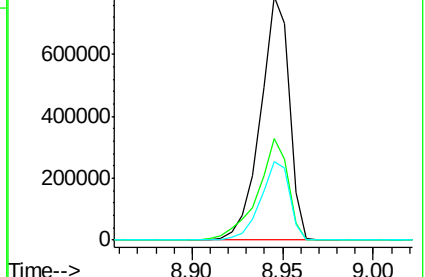
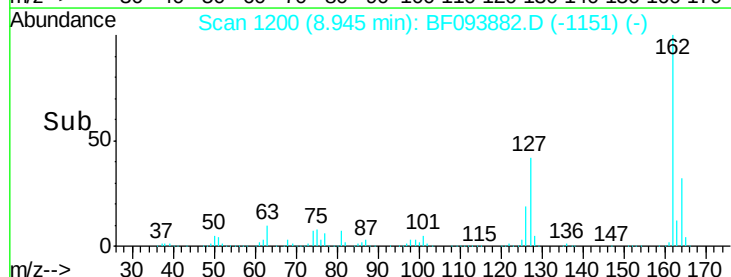
164 32.2 27.0 40.4

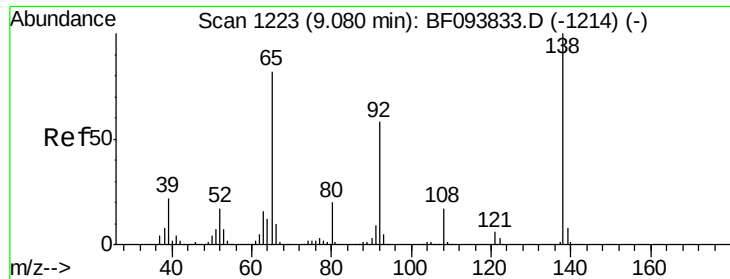


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.15 ng

RT: 9.07 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

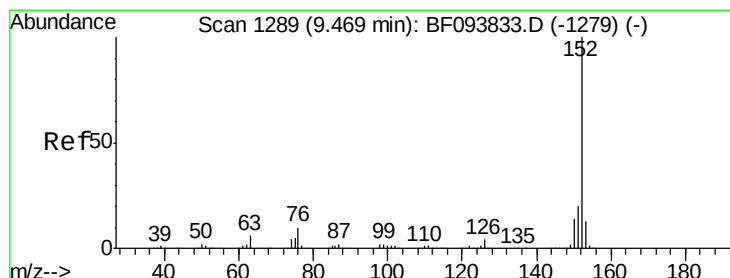
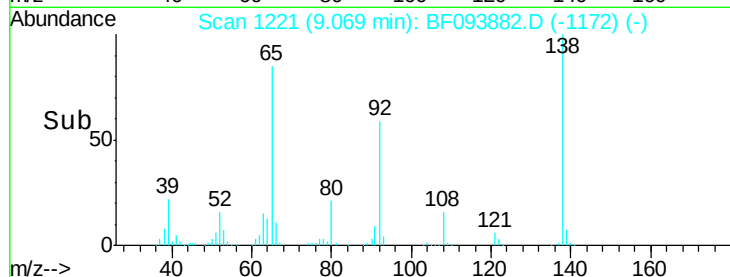
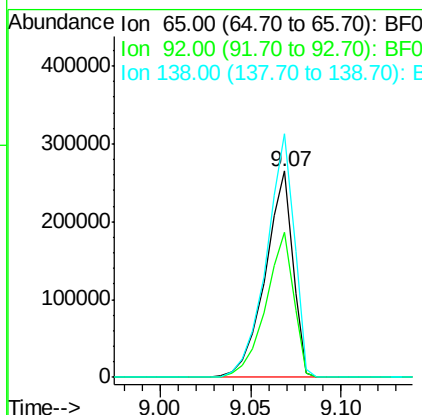
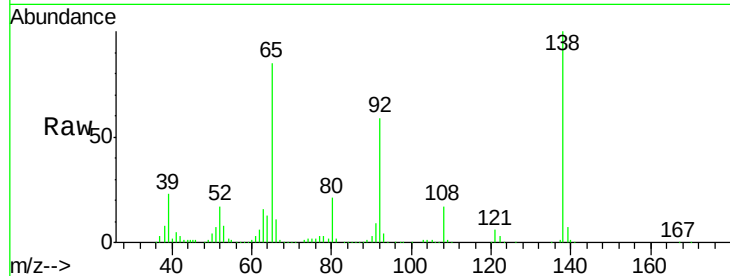
ClientSampleId :

S8-0666MS

Tgt Ion:	65	Resp:	280617
Ion Ratio	Lower	Upper	
65	100		
92	70.2	53.9	80.9
138	118.1	78.8	118.2

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#48

Acenaphthylene

Concen: 43.82 ng

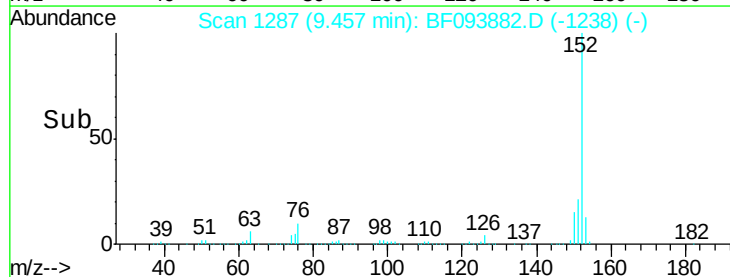
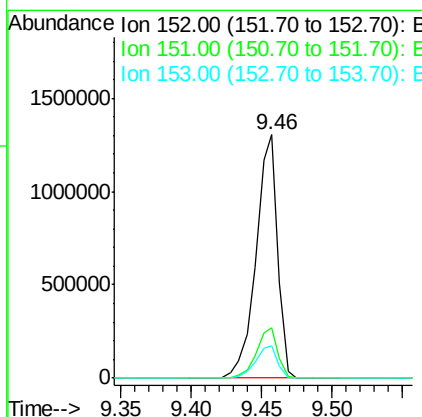
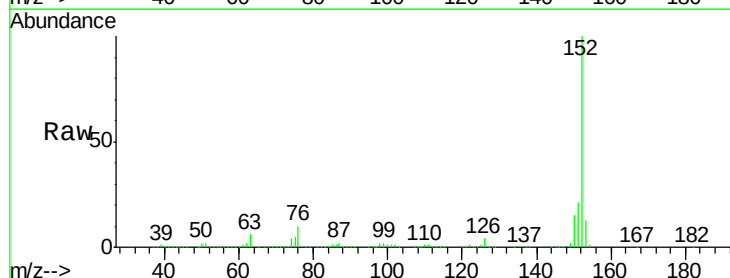
RT: 9.46 min Scan# 1287

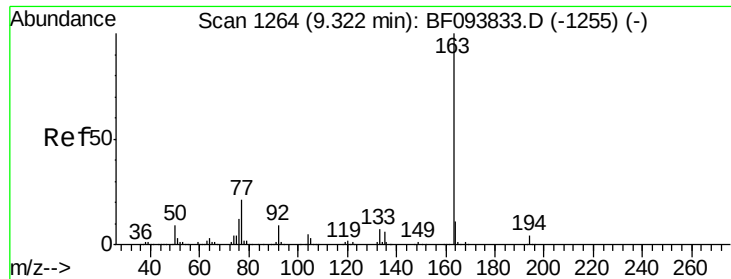
Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion:	152	Resp:	1401799
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	13.1	10.8	16.2





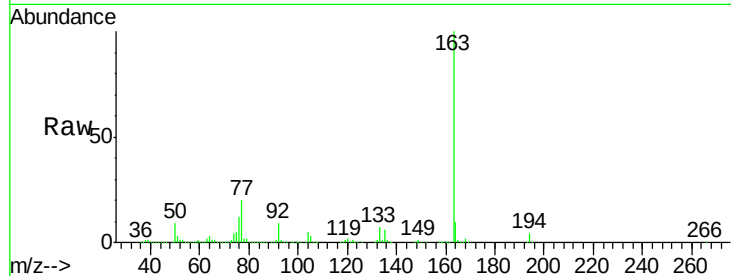
#49
Dimethylphthalate
Concen: 48.67 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

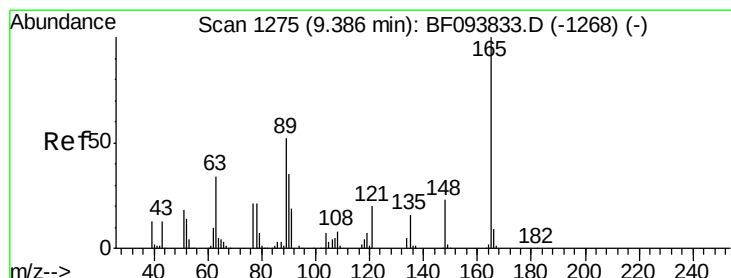
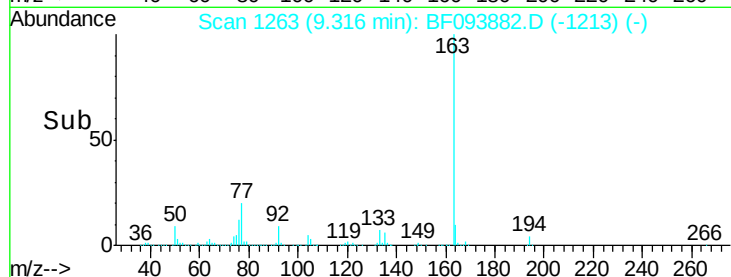
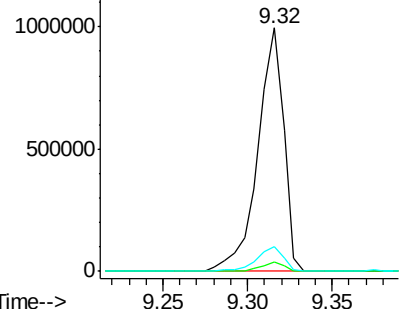
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.4	8.4	12.6

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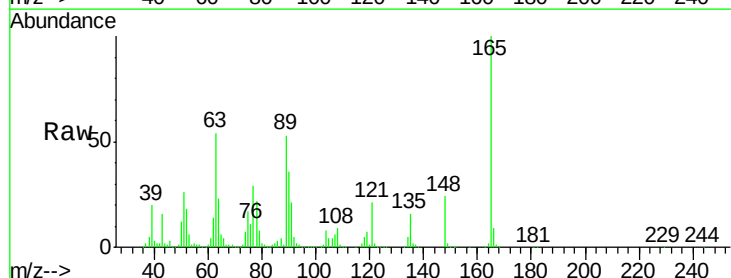


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

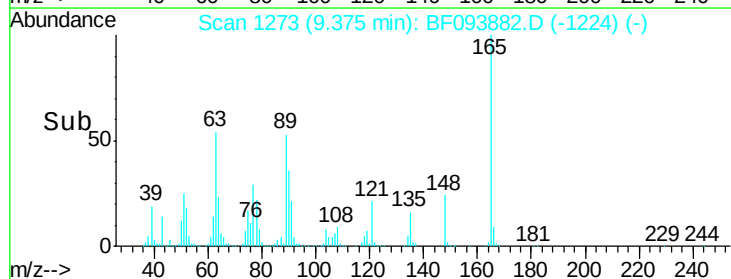
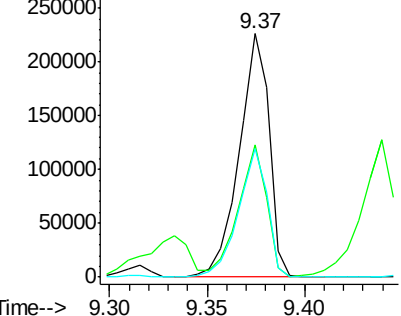


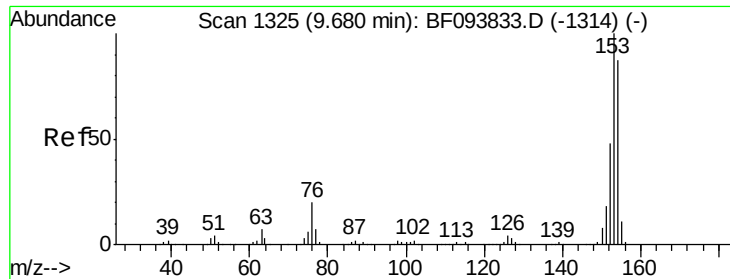
#50
2,6-Dinitrotoluene
Concen: 48.35 ng
RT: 9.37 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.2	34.3	51.5#
89	52.8	37.1	55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.75 ng

RT: 9.67 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

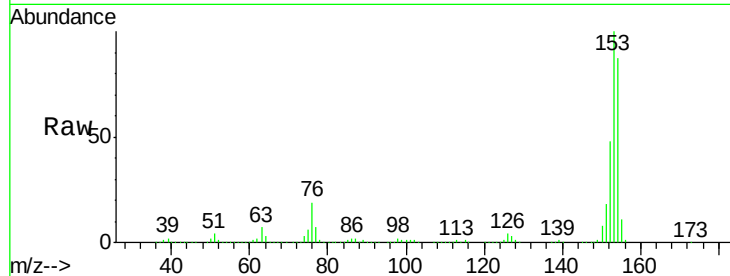
ClientSampleId :

S8-0666MS

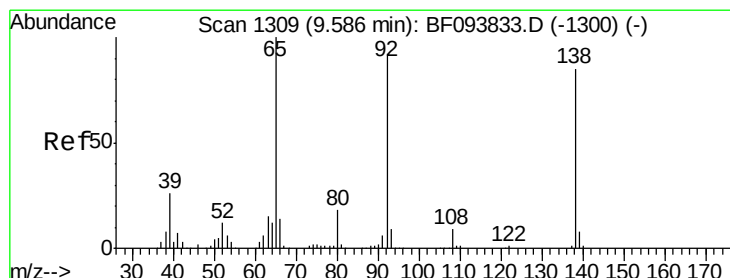
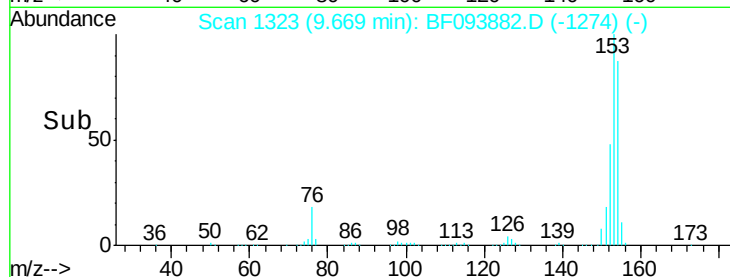
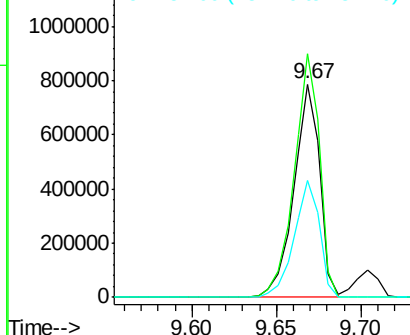
Tgt Ion:	154	Resp:	835254
Ion Ratio	Lower	Upper	
154	100		
153	114.3	90.5	135.7
152	55.1	43.6	65.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.26 ng

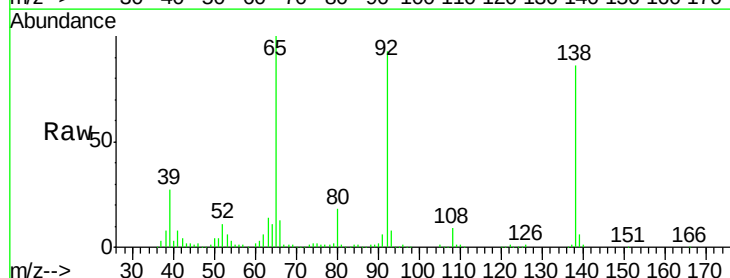
RT: 9.57 min Scan# 1307

Delta R.T. -0.01 min

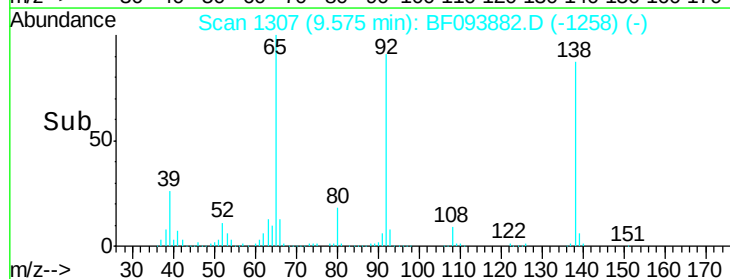
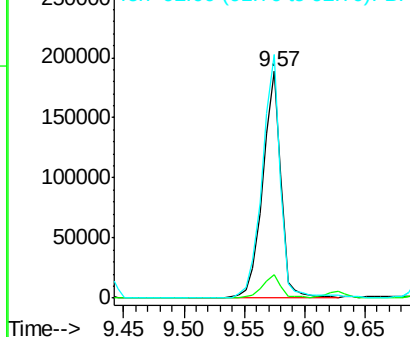
Lab File: BF093882.D

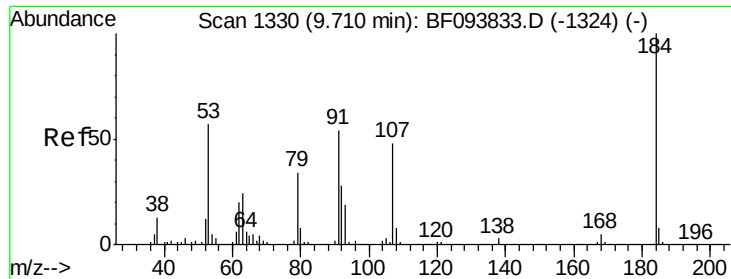
Acq: 23 Mar 2017 16:48

Tgt Ion:	138	Resp:	199853
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.1	13.7
92	107.4	93.8	140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





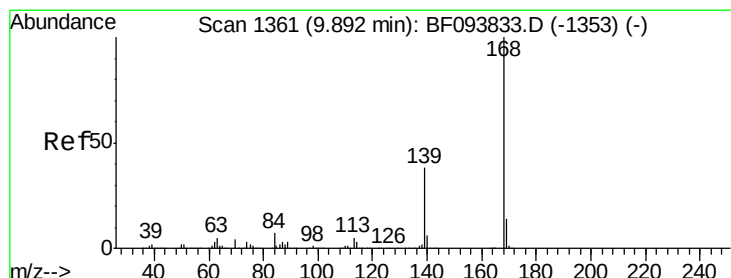
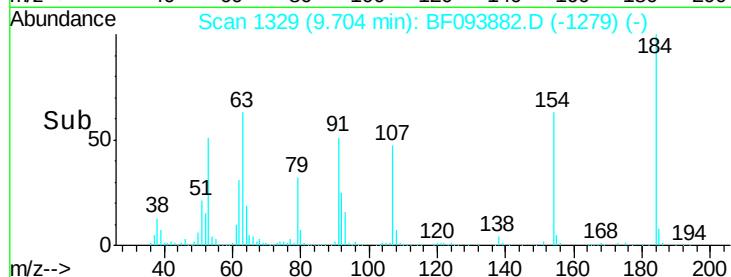
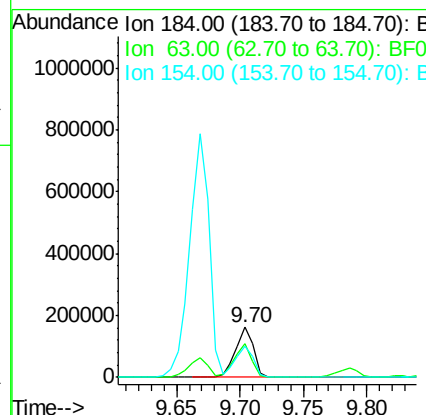
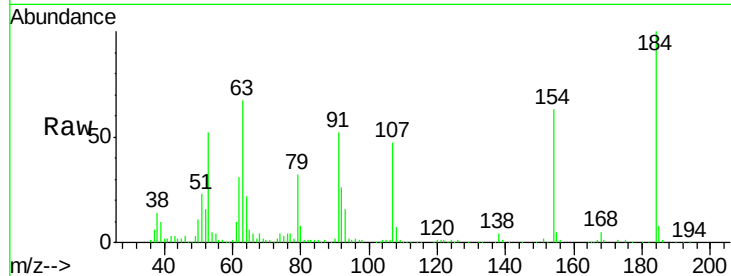
#53
2,4-Dinitrophenol
Concen: 60.74 ng
RT: 9.70 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampled :
S8-0666MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	158291		
63	66.6	62.7	94.1	
154	63.4	81.1	121.7	

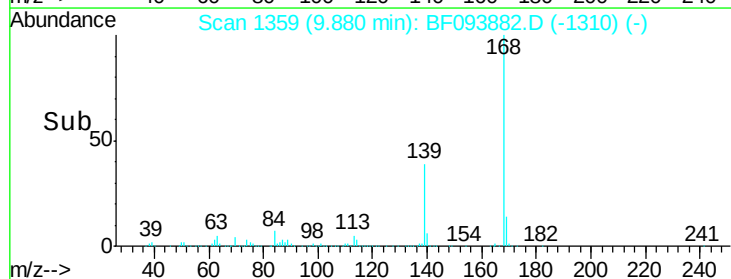
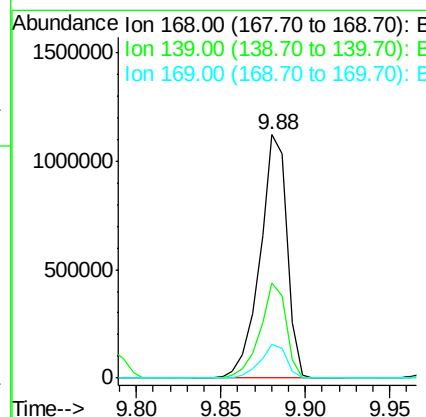
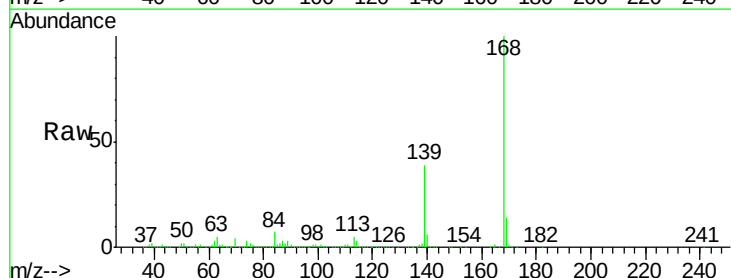
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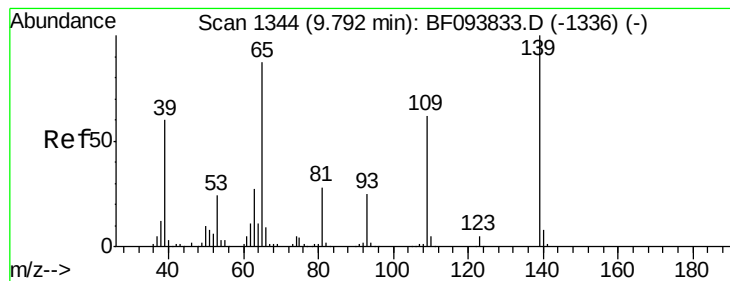
mohammad
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#54
Dibenzofuran
Concen: 48.92 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1243040		
139	39.0	30.6	45.8	
169	13.7	10.8	16.2	





#55

4-Nitrophenol

Concen: 29.46 ng

RT: 9.79 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampled :

S8-0666MS

Tgt Ion:139 Resp: 134575
Ion Ratio Lower Upper

139 100

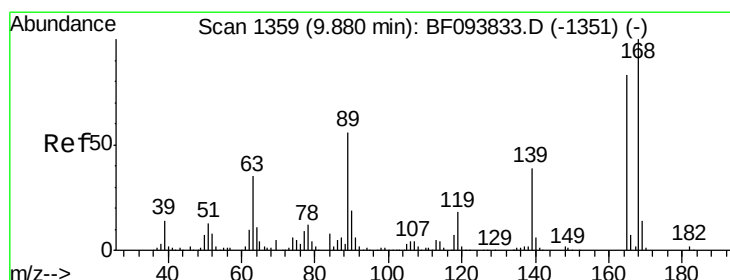
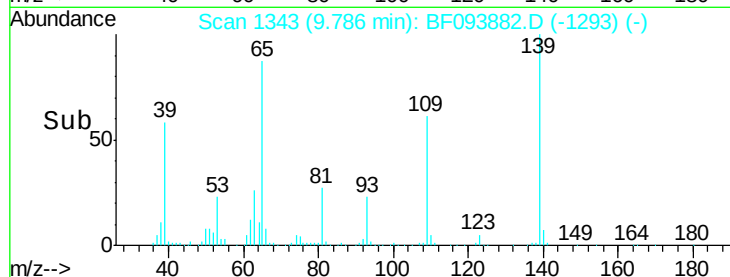
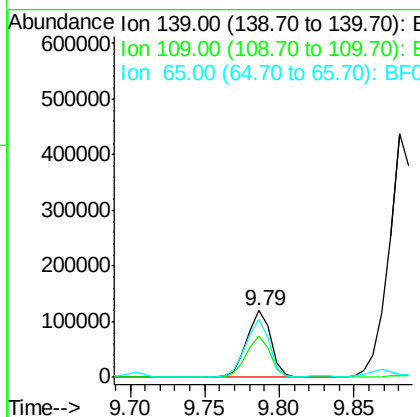
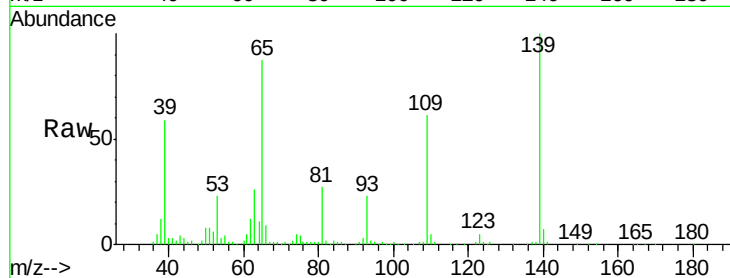
109 61.4 34.1 74.1

65 87.0 31.4 71.4#

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#56

2,4-Dinitrotoluene

Concen: 49.38 ng

RT: 9.87 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

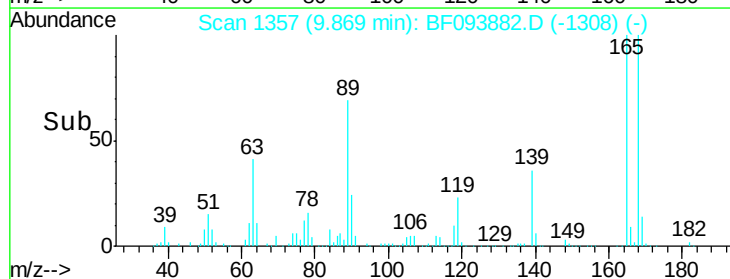
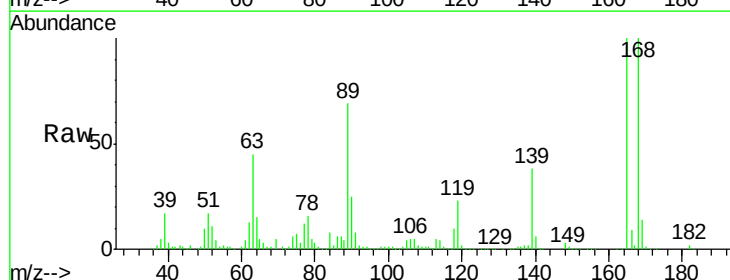
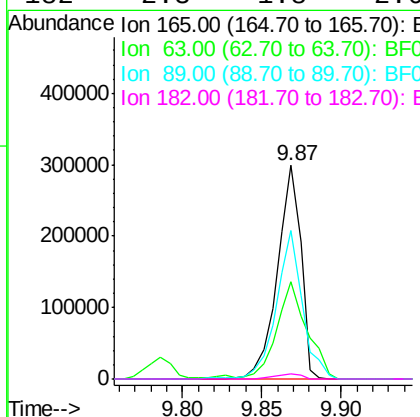
Tgt Ion:165 Resp: 308083
Ion Ratio Lower Upper

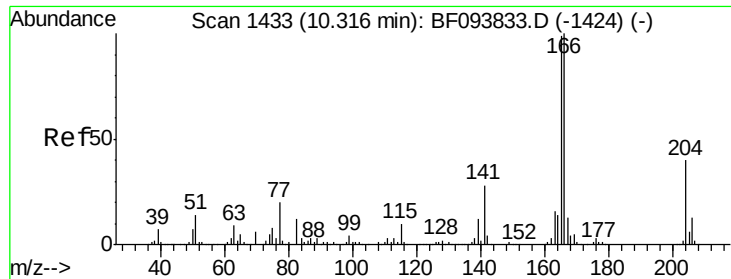
165 100

63 45.5 25.4 38.0#

89 69.5 46.4 69.6

182 2.3 1.8 2.6





#57

Fluorene

Concen: 43.35 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

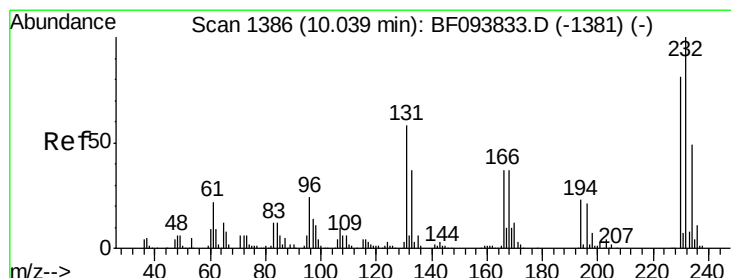
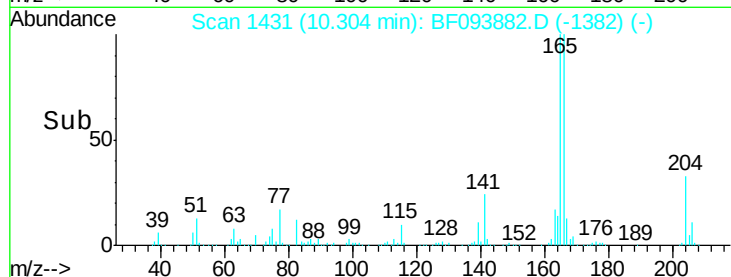
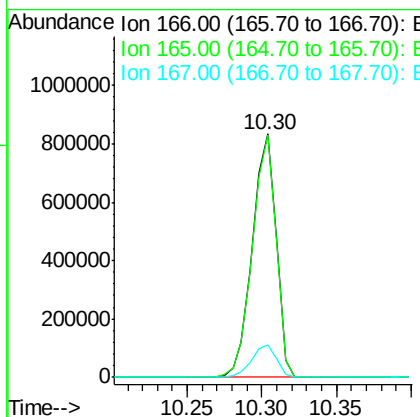
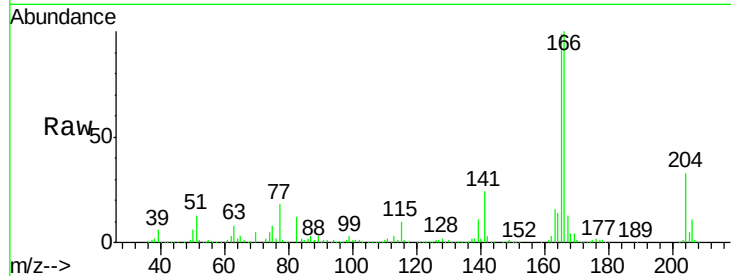
ClientSampleId :

S8-0666MS

Tgt Ion:	166	Resp:	913294
Ion Ratio		Lower	Upper
166	100		
165	99.5	78.8	118.2
167	13.2	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.34 ng

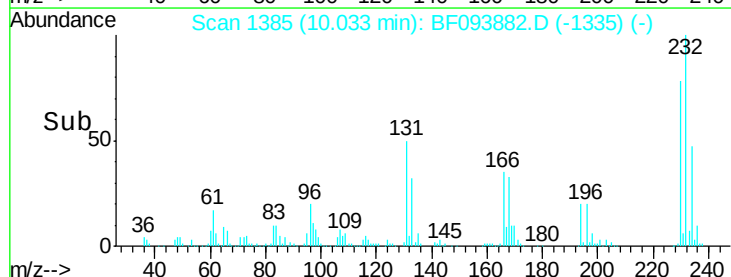
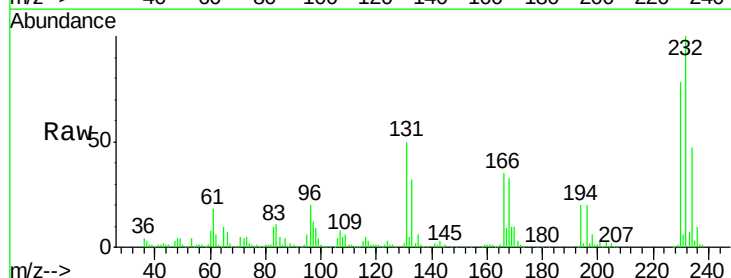
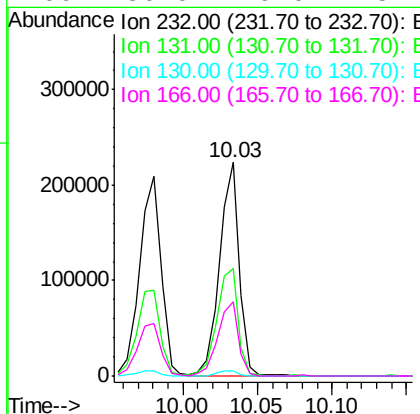
RT: 10.03 min Scan# 1385

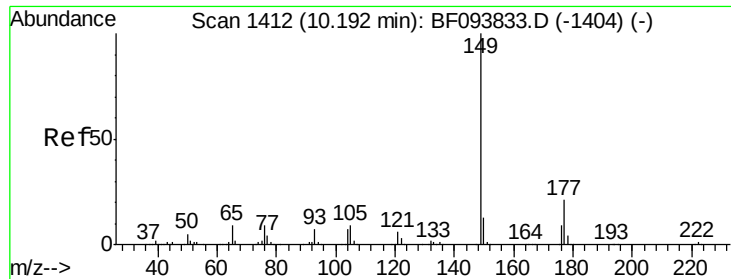
Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion:	232	Resp:	207362
Ion Ratio		Lower	Upper
232	100		
131	53.9	44.8	67.2
130	2.7	2.3	3.5
166	36.0	29.0	43.4





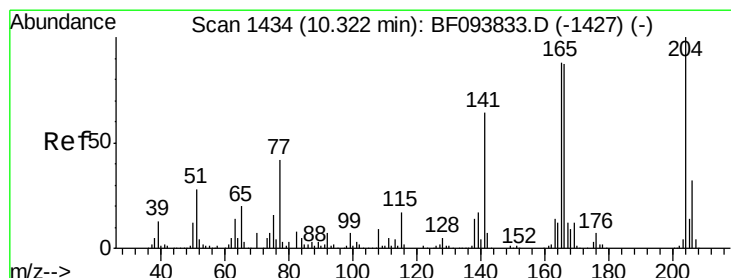
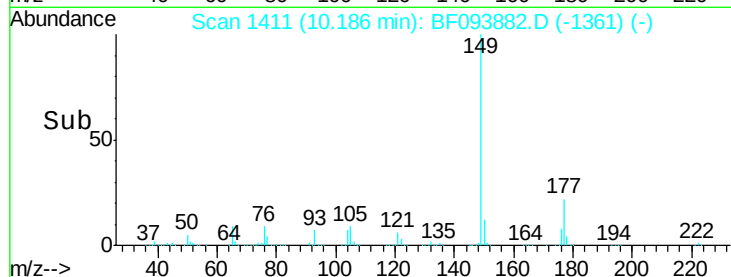
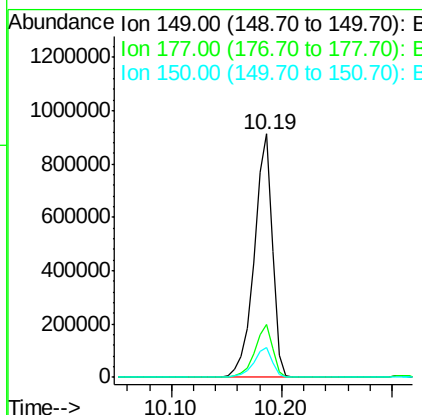
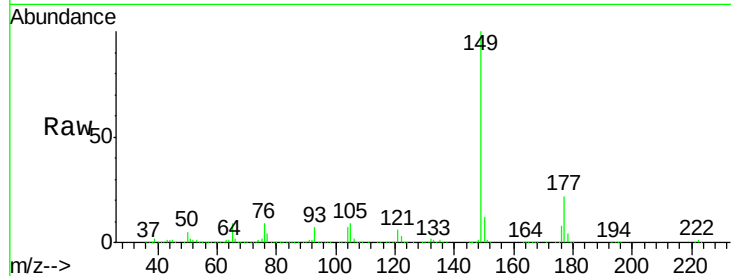
#59
Diethylphthalate
Concen: 49.08 ng
RT: 10.19 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tgt Ion:149 Resp: 1051180
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.4 10.2 15.2

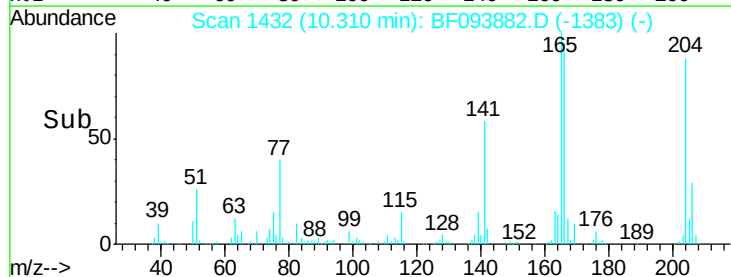
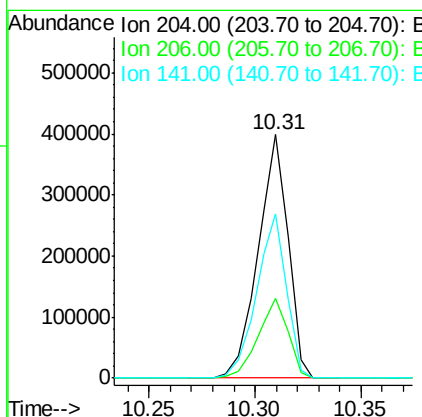
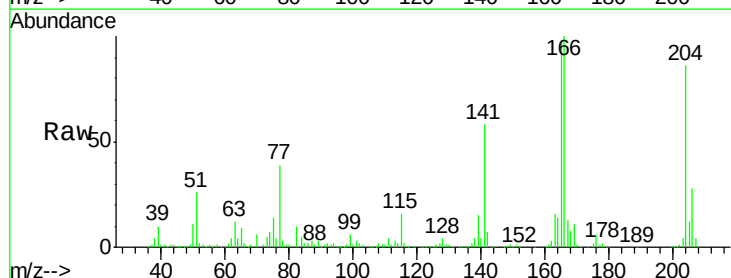
Manual Integrations
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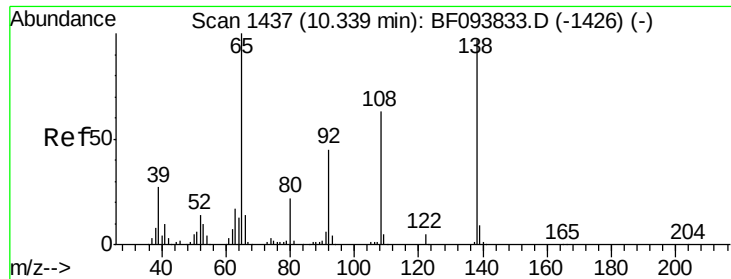
mohammad
3/24/2017 4:10:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.69 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion:204 Resp: 392145
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 67.2 60.8 91.2





#61

4-Nitroaniline

Concen: 38.99 ng

RT: 10.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

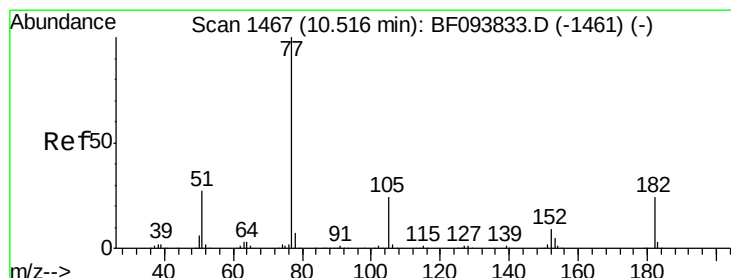
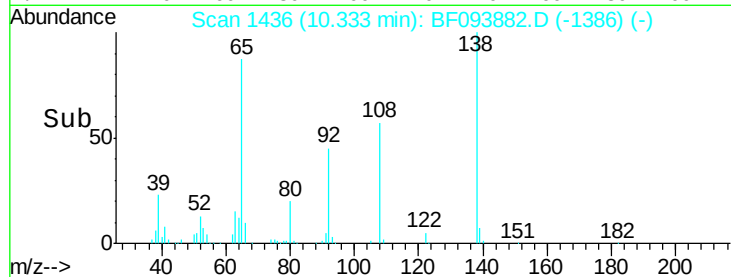
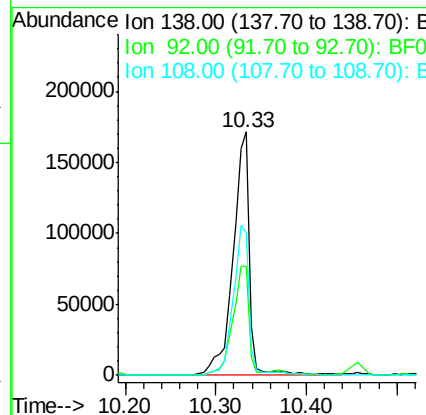
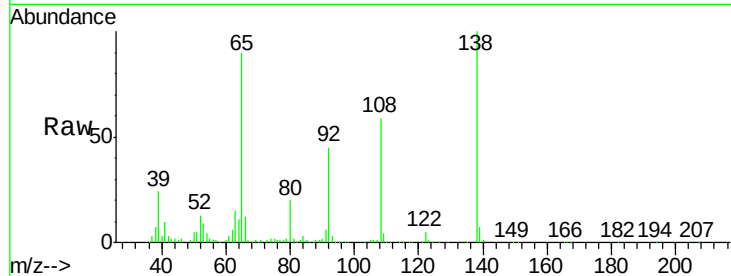
ClientSampleId :

S8-0666MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	218232		
92	45.1	21.8	61.8	
108	58.6	42.3	82.3	

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#62

Azobenzene

Concen: 49.14 ng

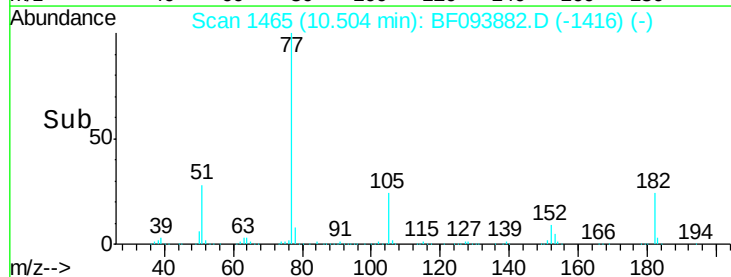
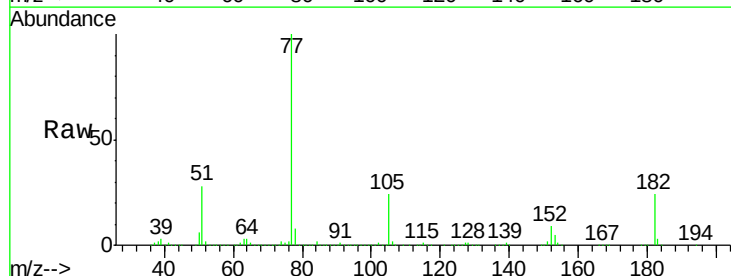
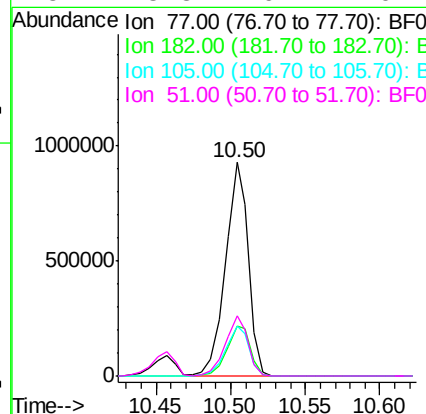
RT: 10.50 min Scan# 1465

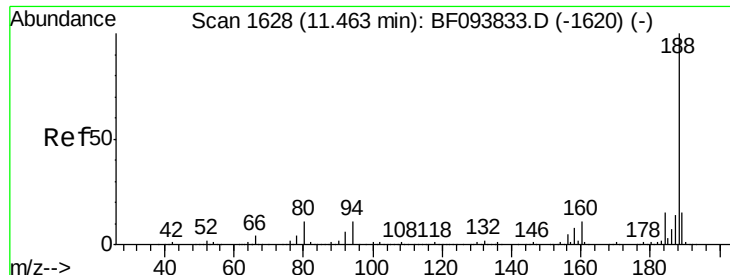
Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	995530		
182	23.6	0.1	40.1	
105	23.6	3.6	43.6	
51	28.3	9.4	49.4	





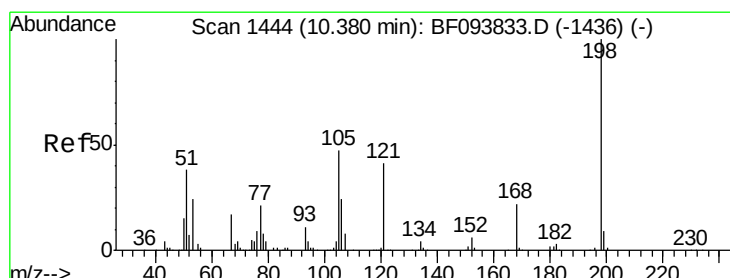
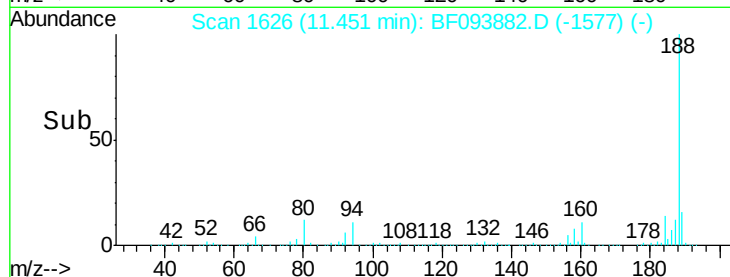
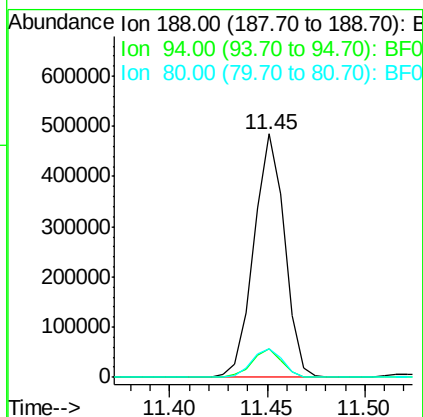
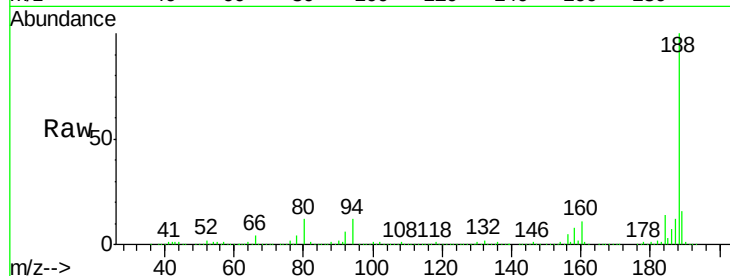
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.5	9.4	14.2
80	11.7	10.2	15.2

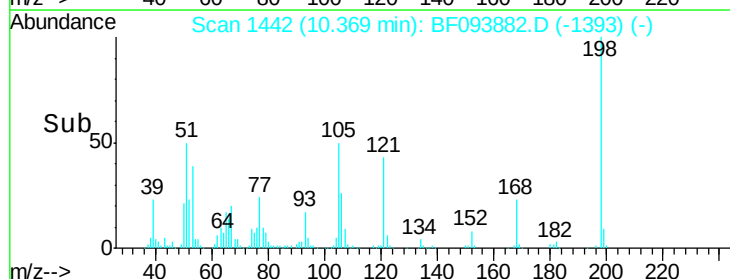
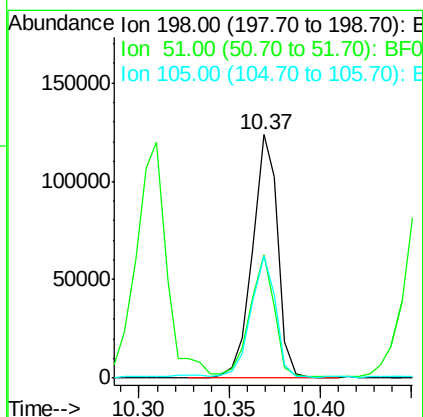
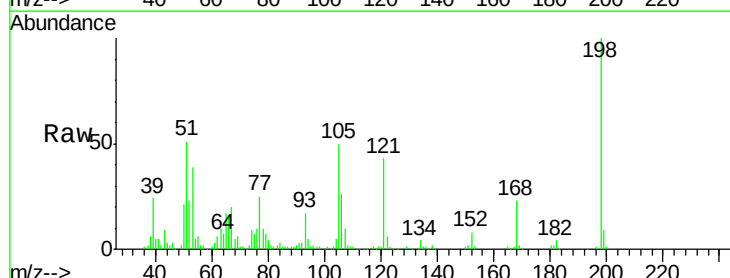
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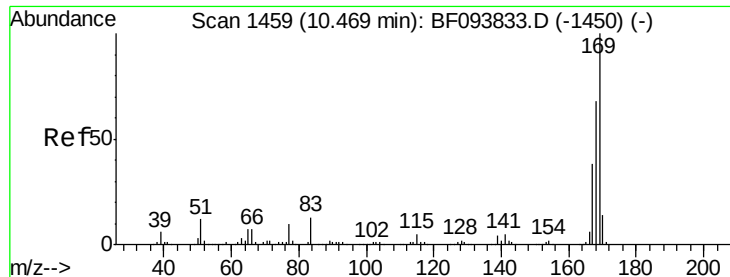
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.38 ng
RT: 10.37 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	50.5	53.2	93.2#
105	50.3	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 46.51 ng

RT: 10.46 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

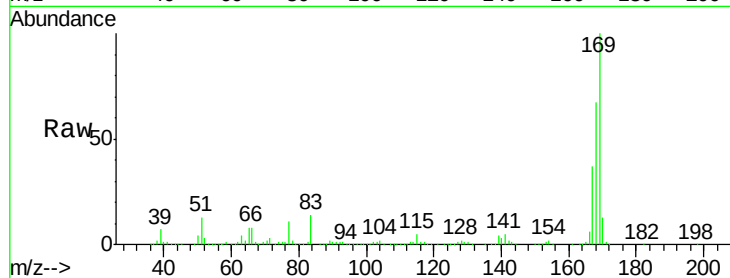
ClientSampleId :

S8-0666MS

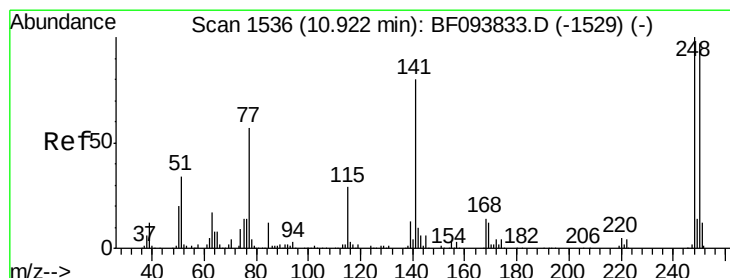
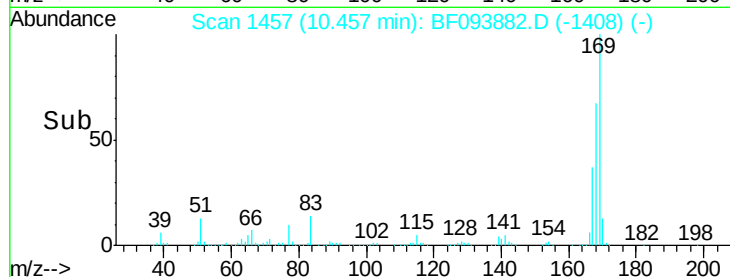
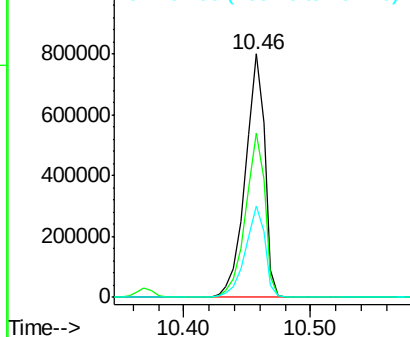
Tgt Ion:	169	Resp:	845721
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.2	79.8
167	37.4	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 47.99 ng

RT: 10.91 min Scan# 1534

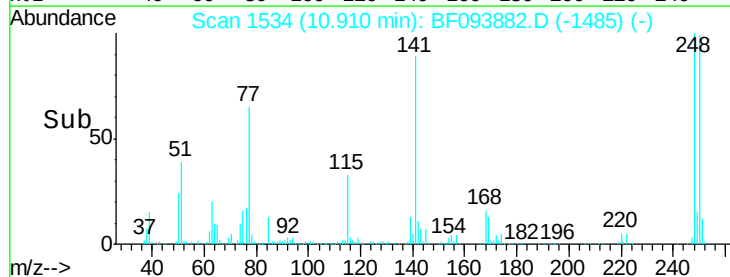
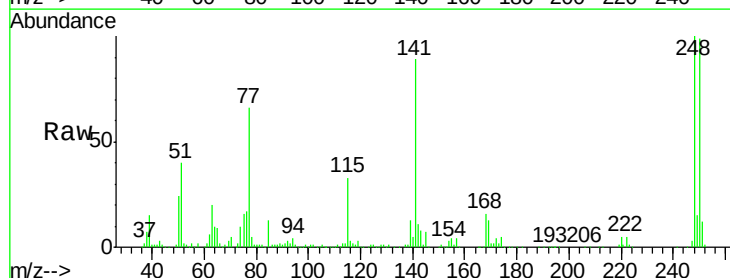
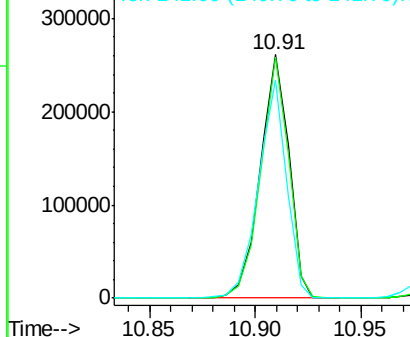
Delta R.T. -0.01 min

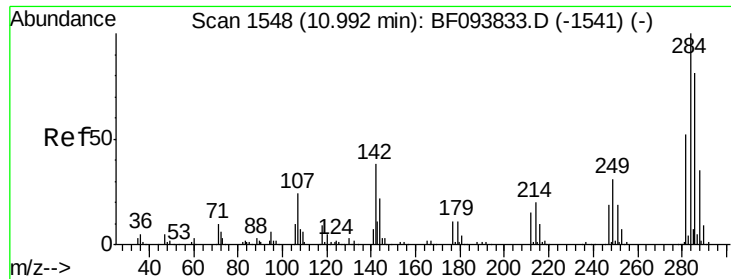
Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion:	248	Resp:	248185
Ion Ratio	Lower	Upper	
248	100		
250	99.0	76.8	115.2
141	89.5	68.6	103.0

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





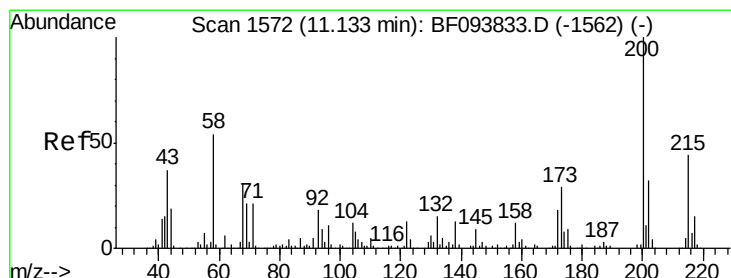
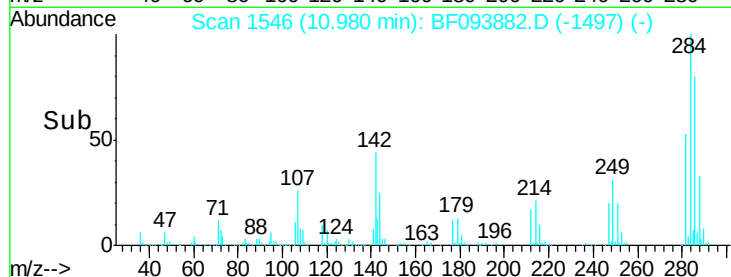
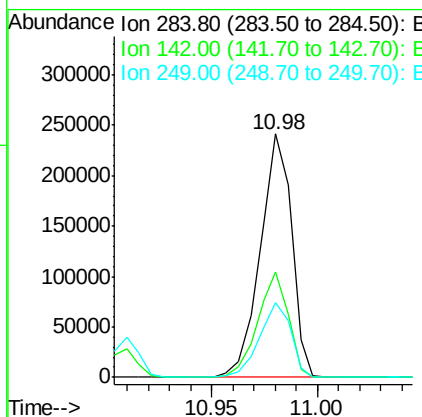
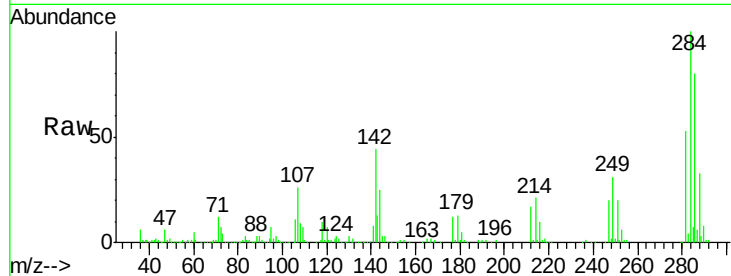
#67
Hexachlorobenzene
Concen: 47.68 ng
RT: 10.98 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	249620		
142	43.5	22.8	34.2#	
249	30.8	24.0	36.0	

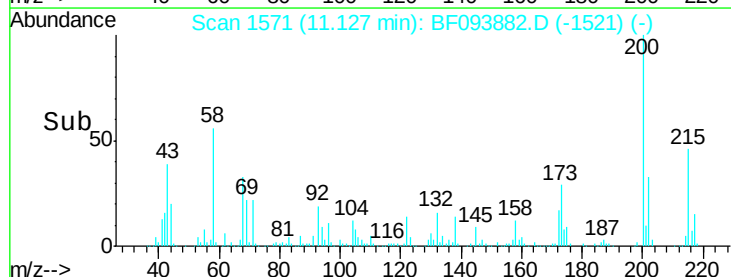
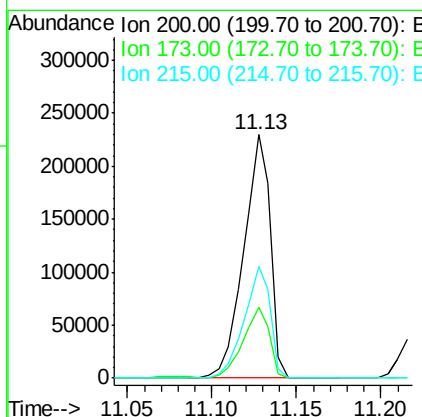
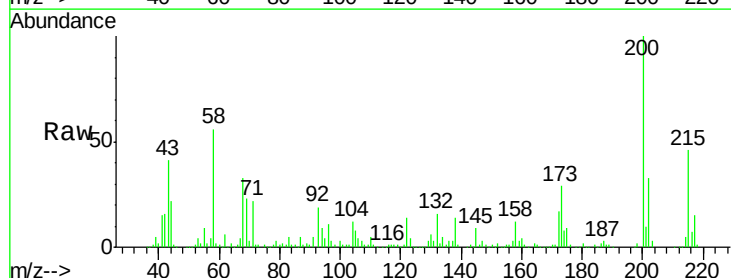
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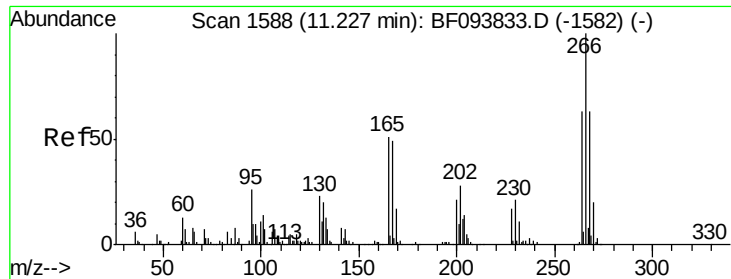
mohammad
3/24/2017 4:10:44 PM



#68
Atrazine
Concen: 46.29 ng
RT: 11.13 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	252157		
173	29.3	6.3	46.3	
215	45.7	27.2	67.2	





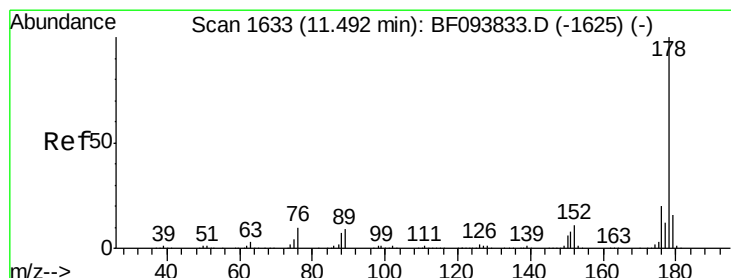
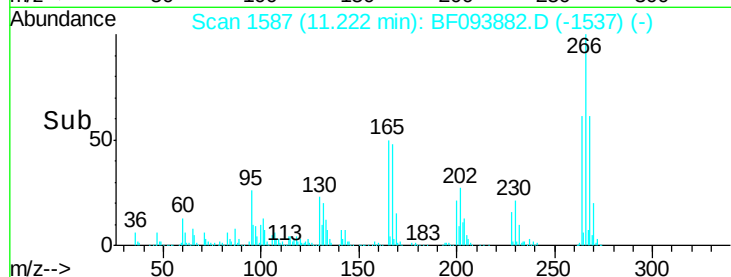
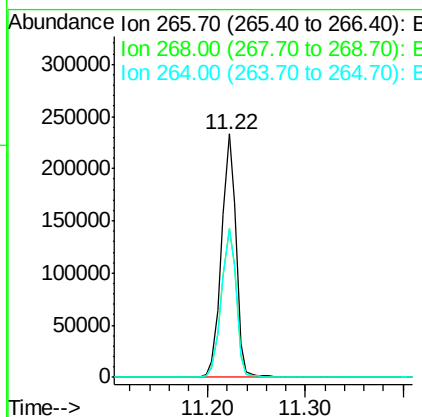
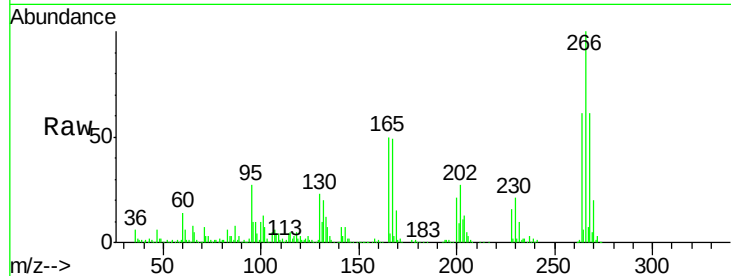
#69
 Pentachlorophenol
 Concen: 75.09 ng
 RT: 11.22 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.1	76.7
264	61.2	51.7	77.5

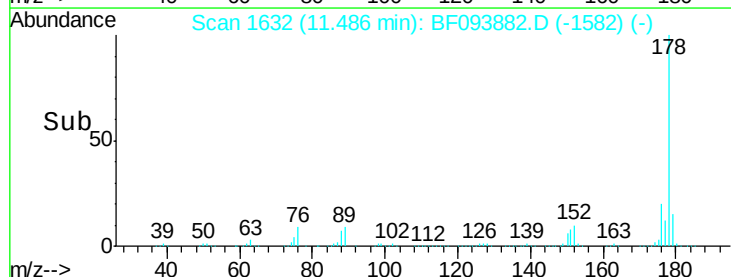
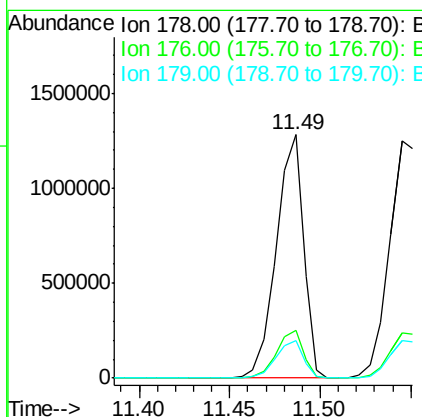
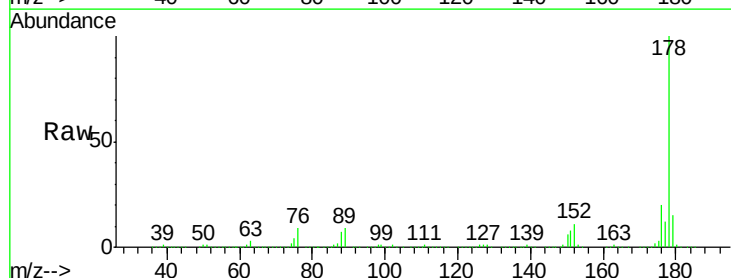
Manual Integrations
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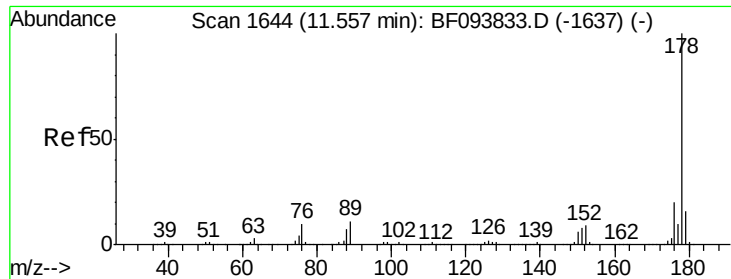
mohammad
 3/24/2017 4:10:44 PM



#70
 Phenanthrene
 Concen: 46.03 ng
 RT: 11.49 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.5	12.6	19.0





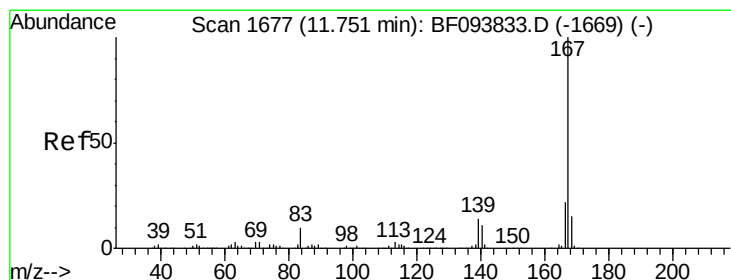
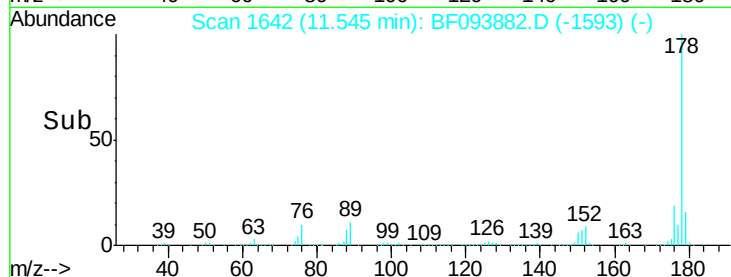
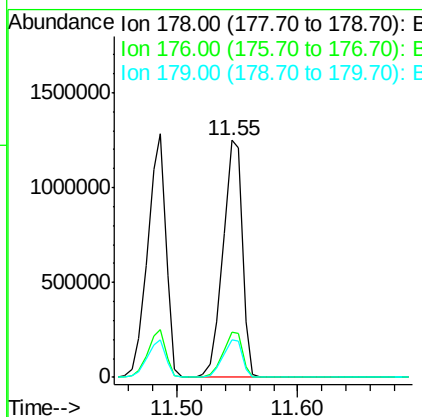
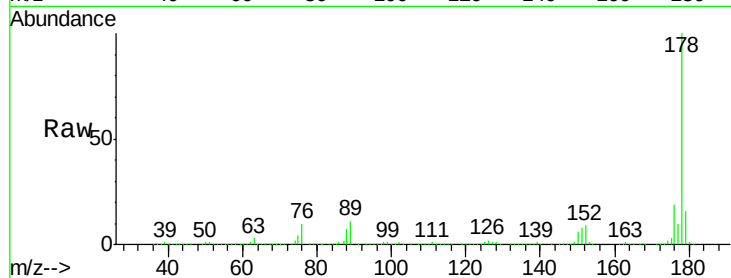
#71
 Anthracene
 Concen: 45.91 ng
 RT: 11.55 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Tgt Ion:178 Resp: 1382609
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 16.0 12.7 19.1

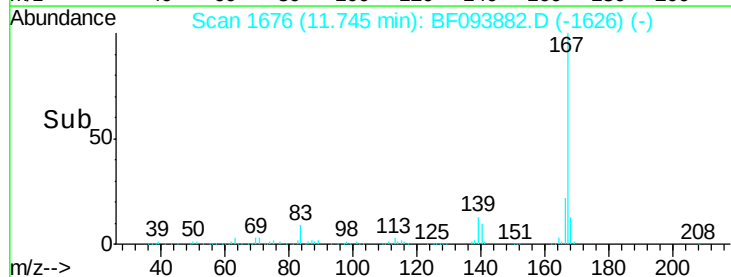
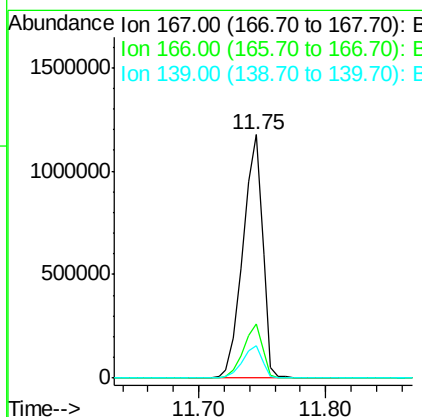
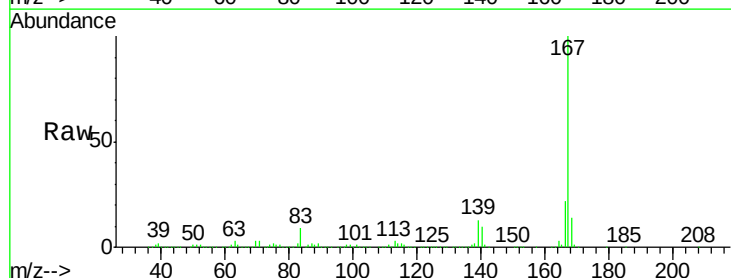
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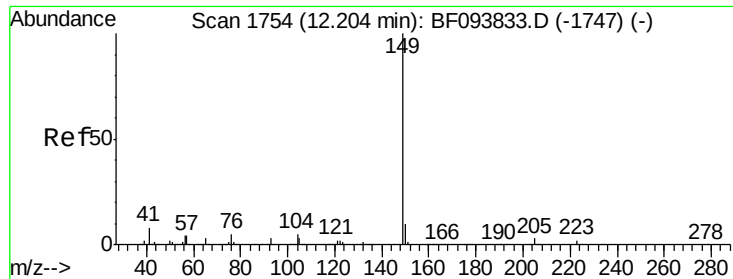
mohammad
 3/24/2017 4:10:44 PM



#72
 Carbazole
 Concen: 40.71 ng
 RT: 11.75 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion:167 Resp: 1257383
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.2 11.7 17.5





#73

Di-n-butylphthalate

Concen: 48.07 ng

RT: 12.20 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

ClientSampleId :

S8-0666MS

Tgt Ion:149 Resp: 1544088

Ion Ratio Lower Upper

149 100

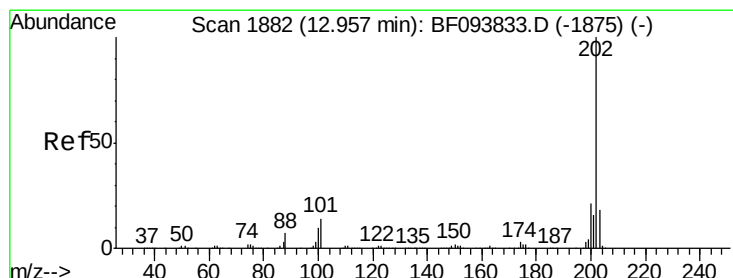
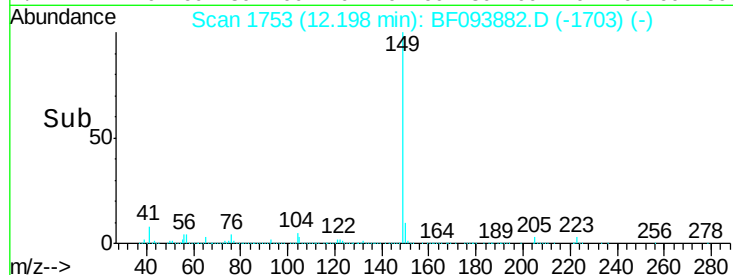
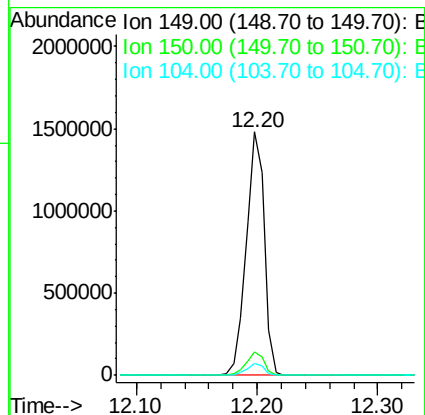
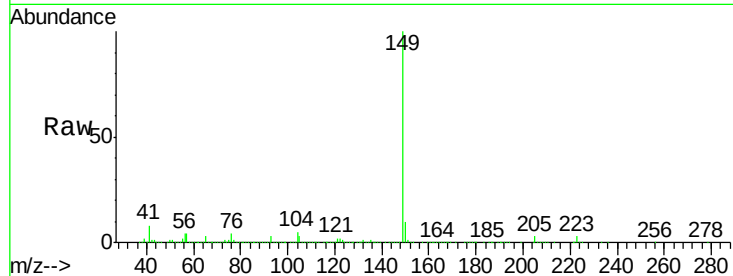
150 9.5 7.7 11.5

104 4.8 4.0 6.0

Manual Integrations
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3/24/2017 4:10:44 PM



#74

Fluoranthene

Concen: 43.20 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

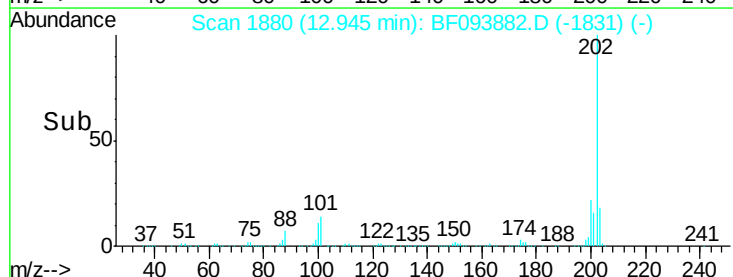
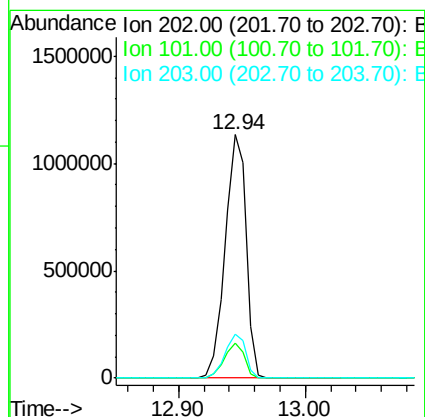
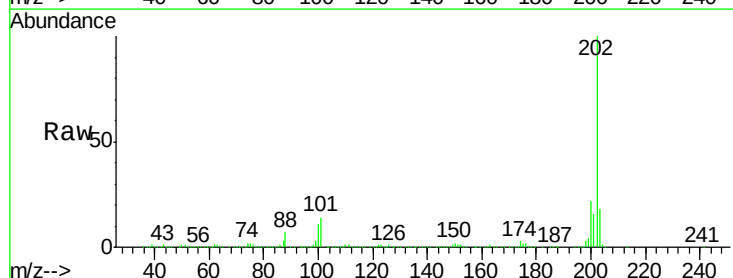
Tgt Ion:202 Resp: 1294042

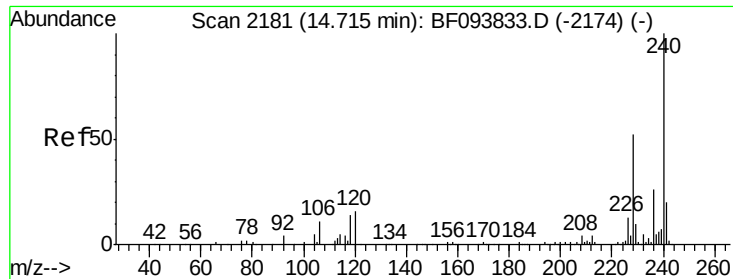
Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.2

203 17.9 0.0 38.1





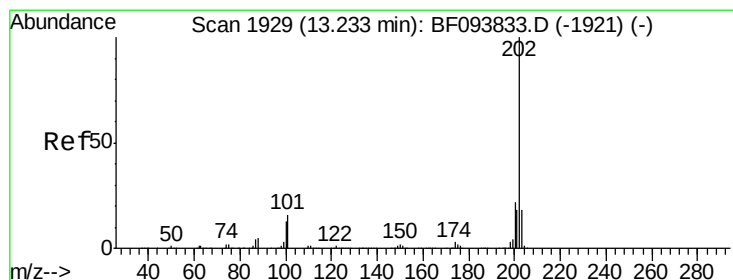
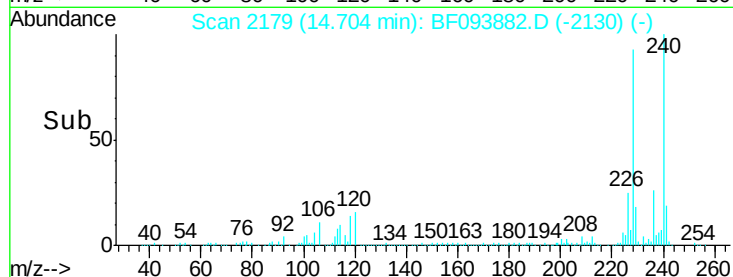
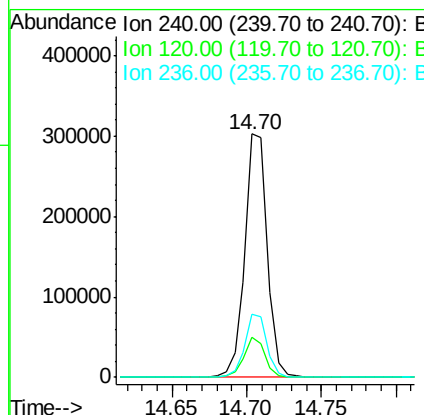
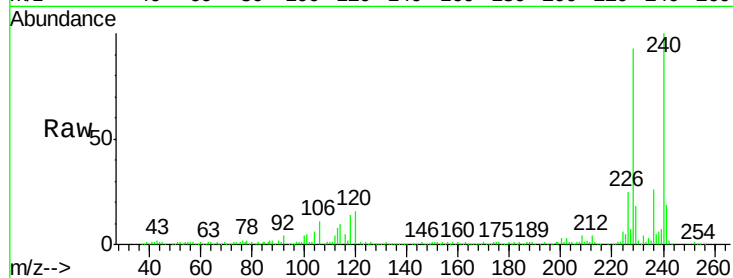
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.4	5.8	8.8#
236	25.8	20.5	30.7

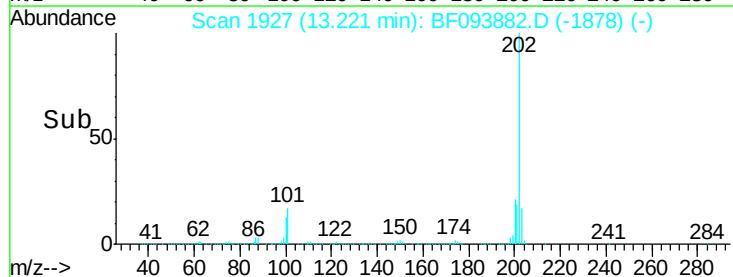
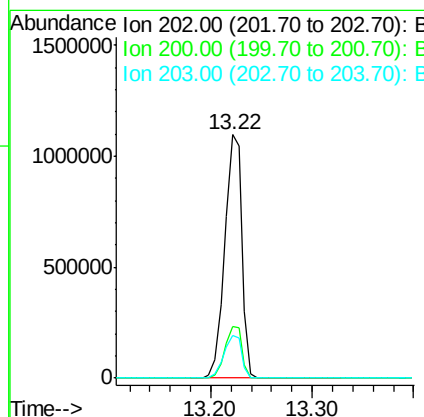
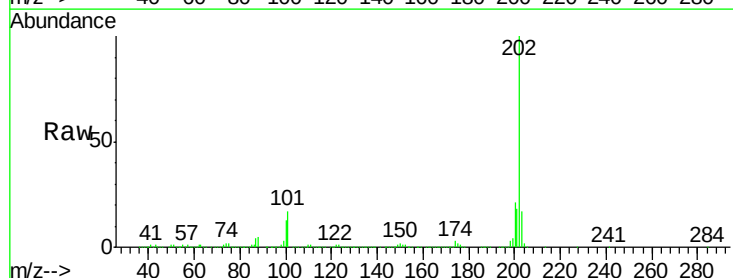
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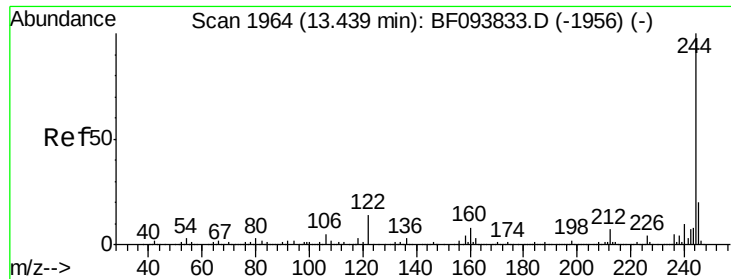
mohammad
3/24/2017 4:10:44 PM



#77
Pyrene
Concen: 56.15 ng
RT: 13.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.5	14.4	21.6





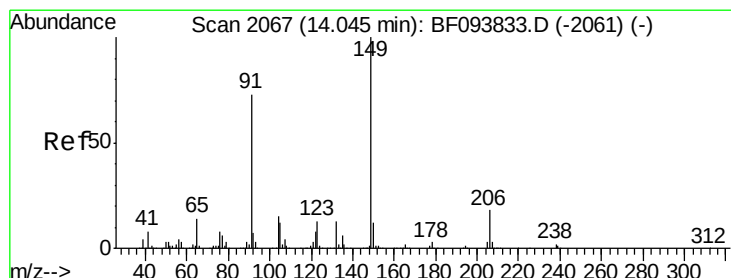
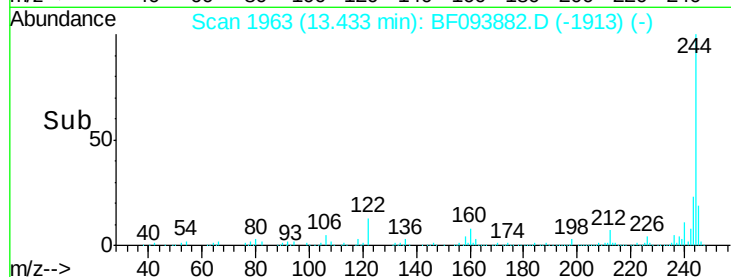
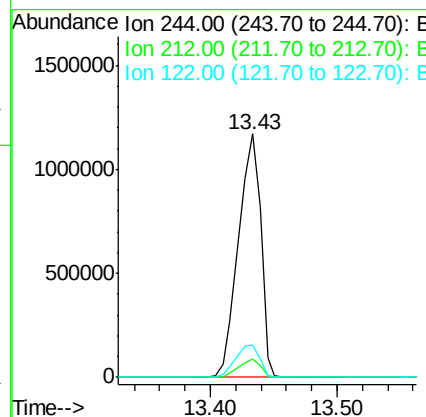
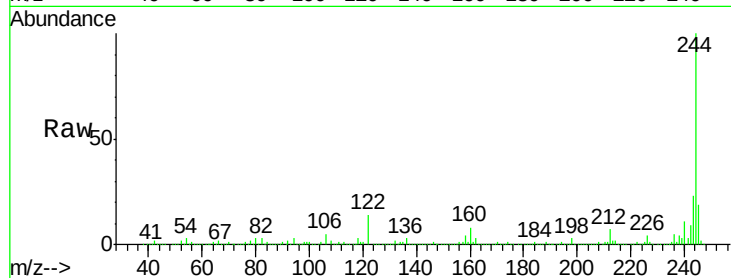
#78
 Terphenyl-d14
 Concen: 100.75 ng
 RT: 13.43 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Tgt Ion:244 Resp: 1416069
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.5 10.3 15.5

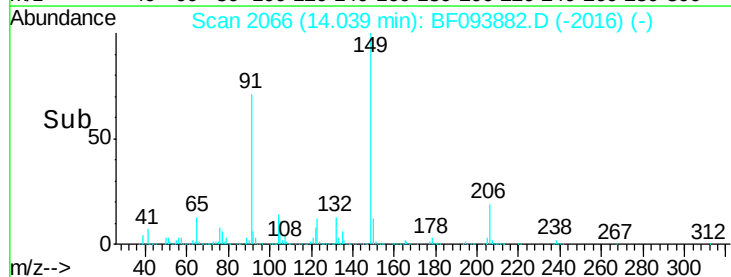
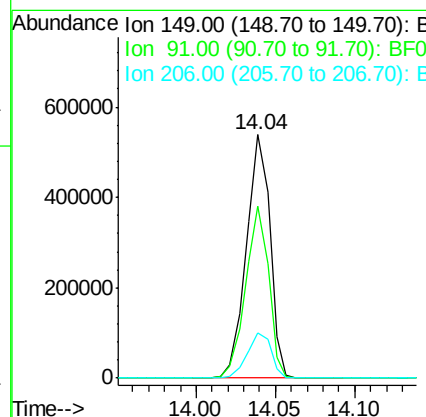
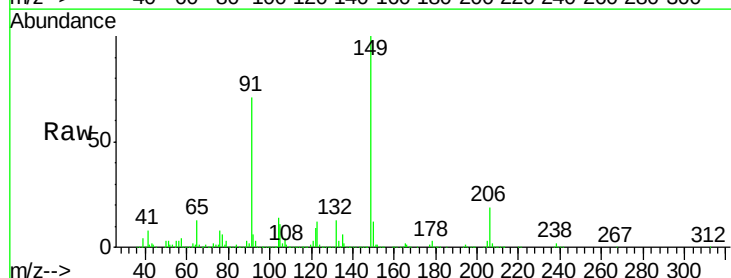
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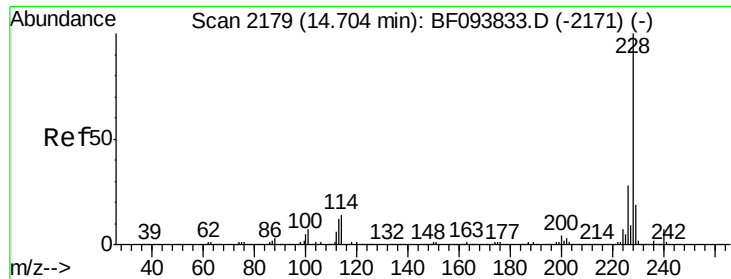
mohammad
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#79
 Butylbenzylphthalate
 Concen: 56.96 ng
 RT: 14.04 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion:149 Resp: 554884
 Ion Ratio Lower Upper
 149 100
 91 70.8 45.0 67.4#
 206 18.7 17.0 25.6





#80

Benzo(a)anthracene

Concen: 47.28 ng

RT: 14.69 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

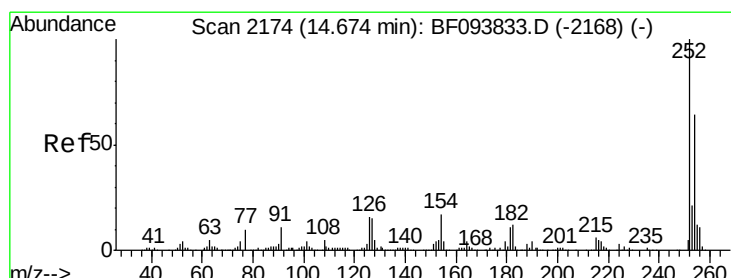
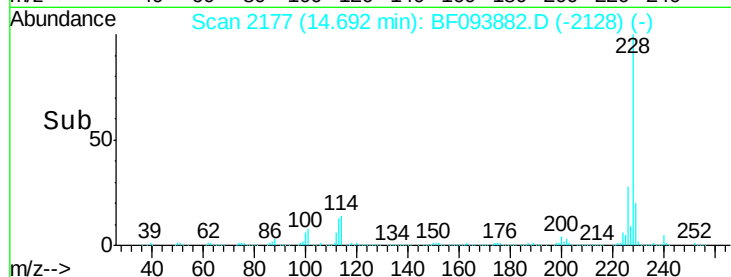
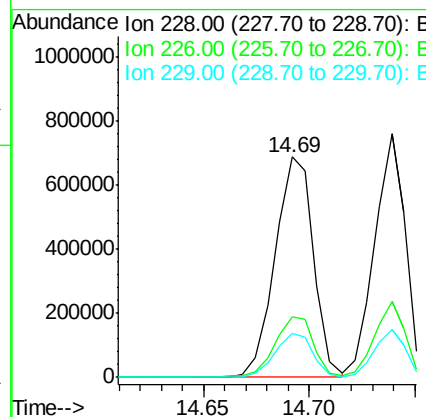
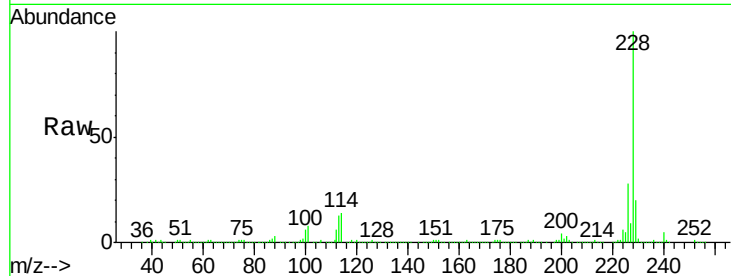
ClientSampled :

S8-0666MS

Tgt	Ion	228	Resp:	868513
	Ratio	100	Lower	Upper
	228	100		
	226	27.5	22.6	33.8
	229	19.9	16.3	24.5

Manual Integrations
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#81

3,3'-Dichlorobenzidine

Concen: 29.01 ng

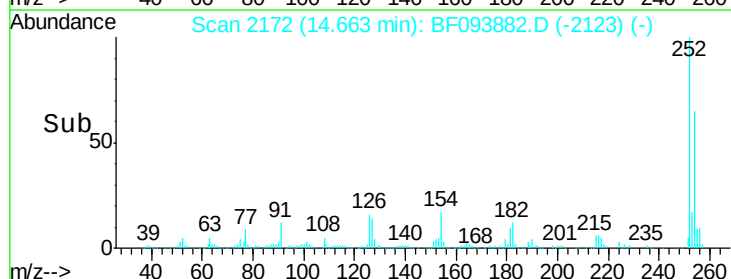
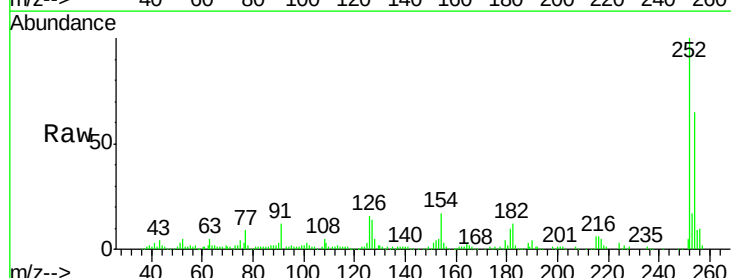
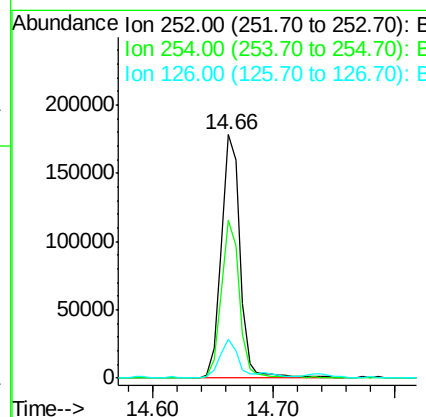
RT: 14.66 min Scan# 2172

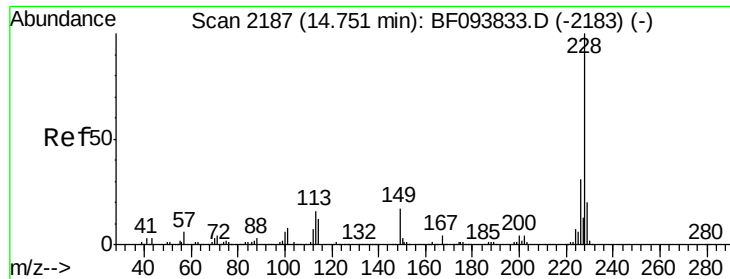
Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt	Ion	252	Resp:	190462
	Ratio	100	Lower	Upper
	252	100		
	254	64.9	51.5	77.3
	126	16.1	15.8	23.8





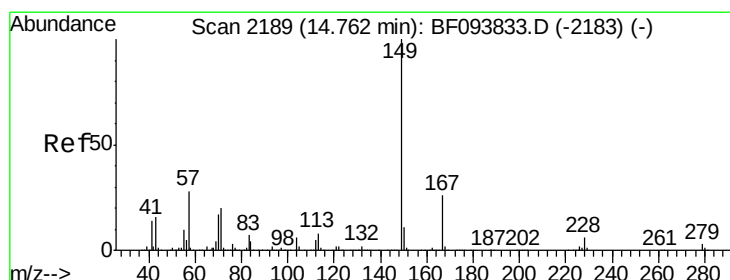
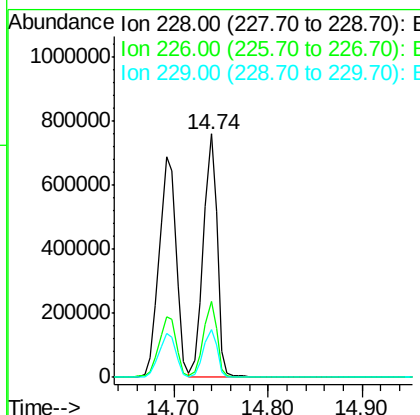
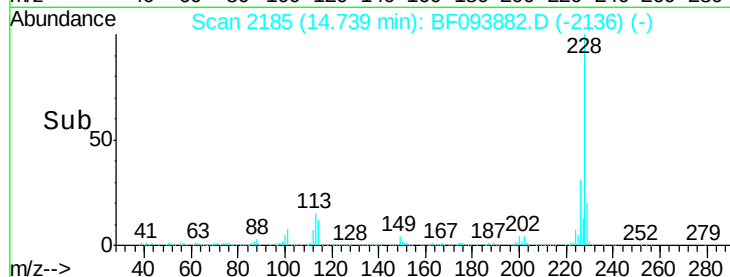
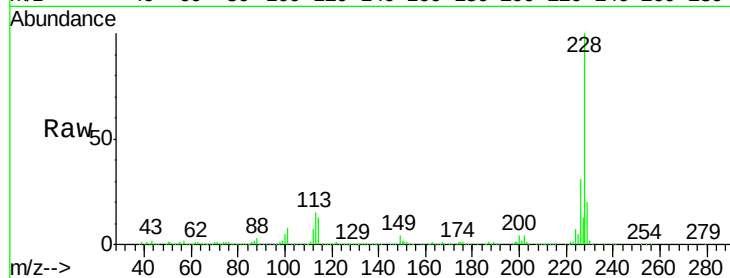
#82
 Chrysene
 Concen: 45.77 ng
 RT: 14.74 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	780356		
226	31.2	24.9	37.3	
229	19.7	15.8	23.6	

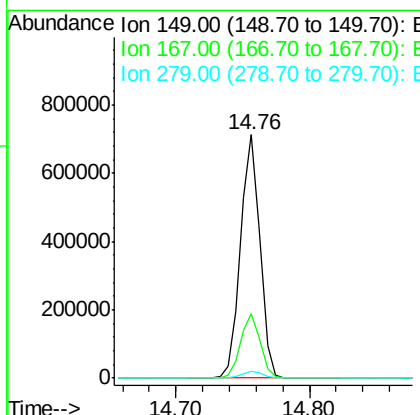
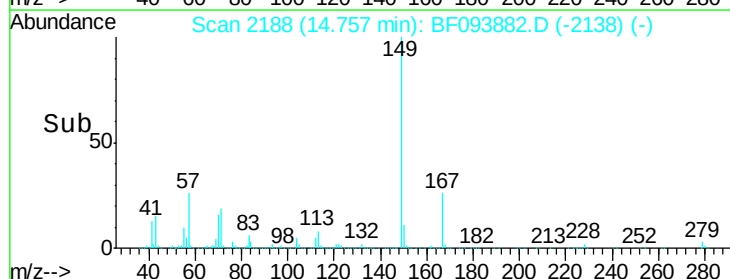
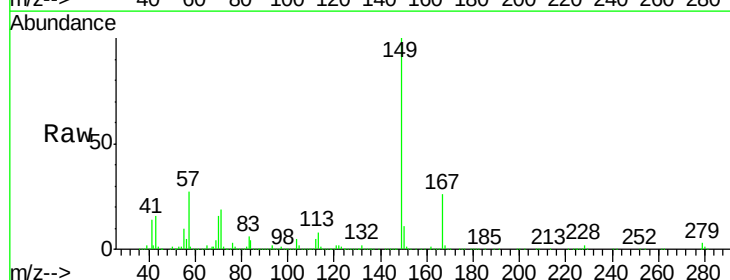
Manual Integrations
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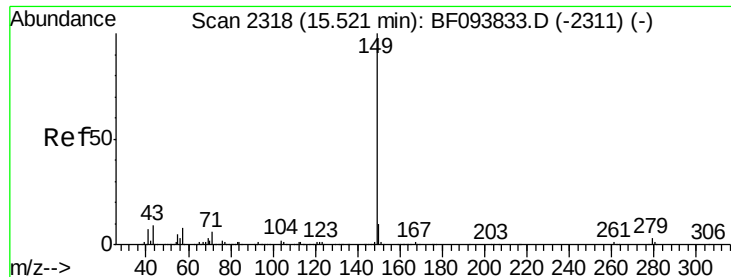
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.00 ng
 RT: 14.76 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BF093882.D
 Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	717656		
167	26.4	21.0	31.4	
279	2.9	1.9	2.9#	





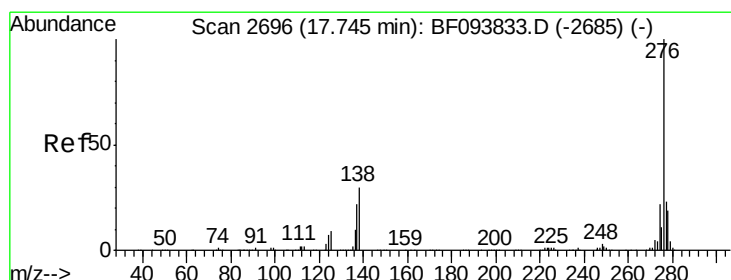
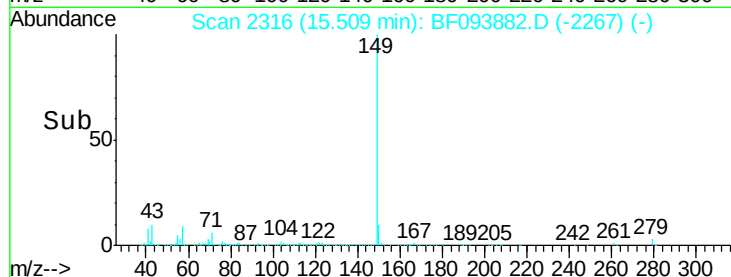
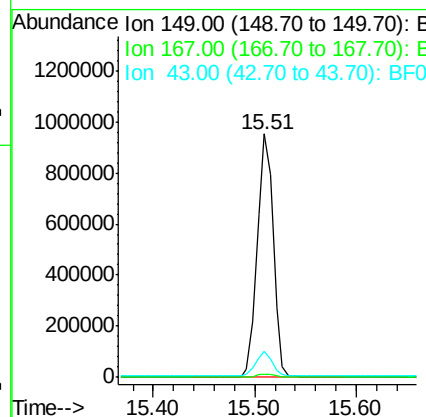
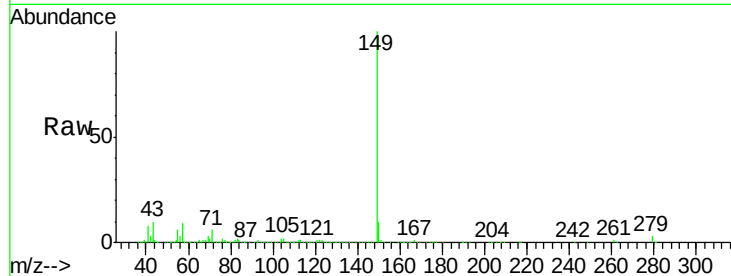
#84
Di-n-octyl phthalate
Concen: 47.33 ng
RT: 15.51 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	8.5	12.7

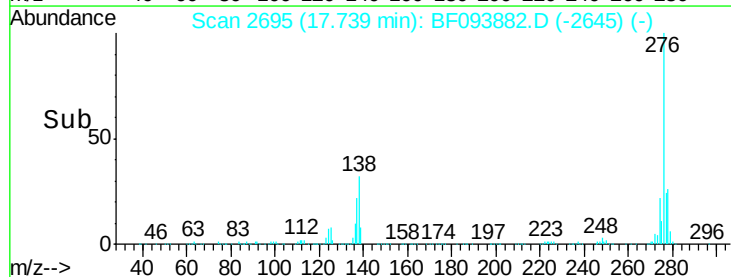
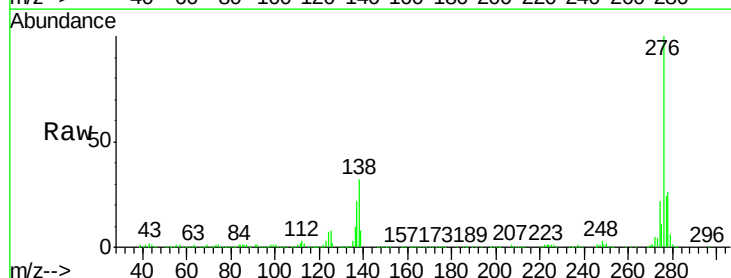
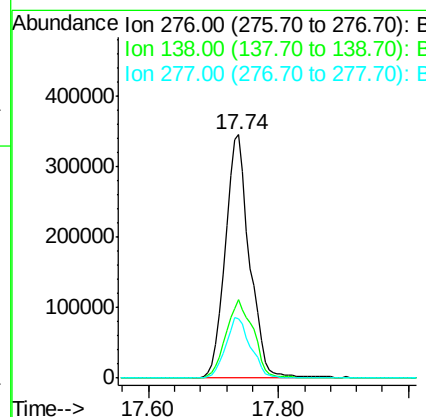
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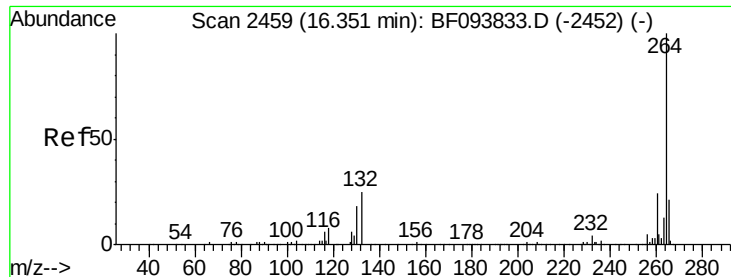
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 60.45 ng
RT: 17.74 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.4	27.8	41.6
277	25.7	20.2	30.4





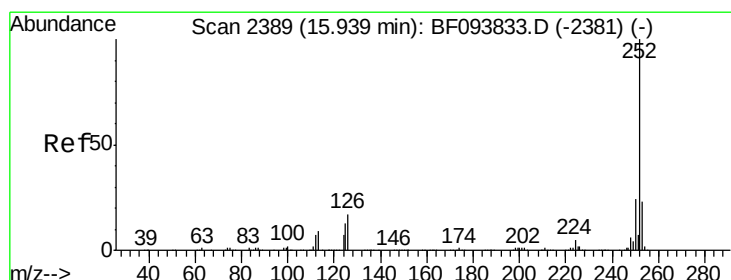
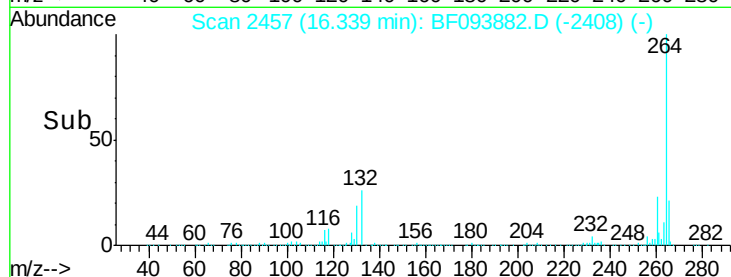
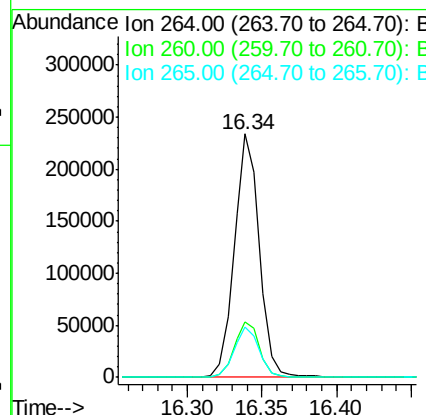
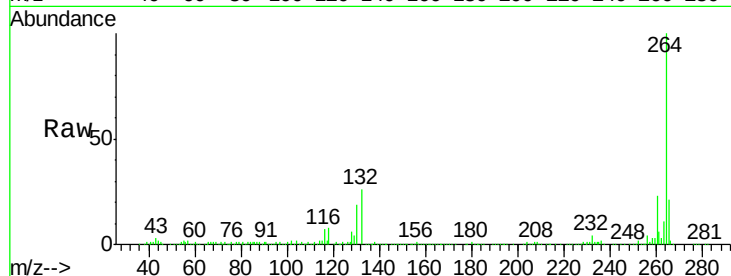
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampleId :
S8-0666MS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	20.8	17.2	25.8

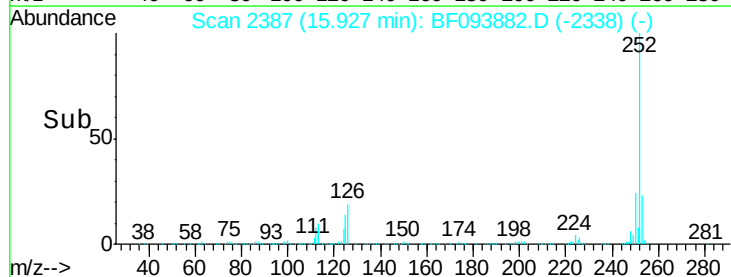
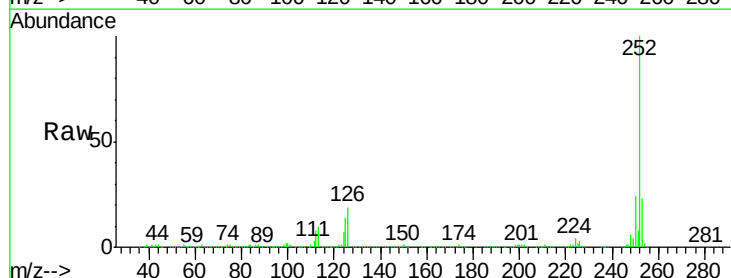
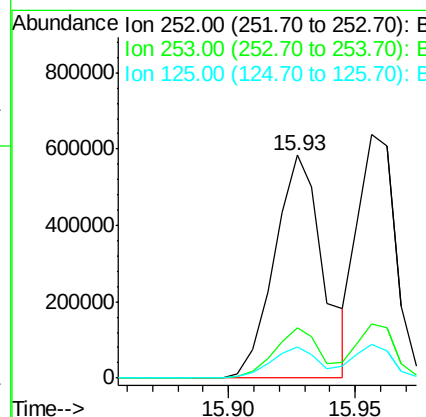
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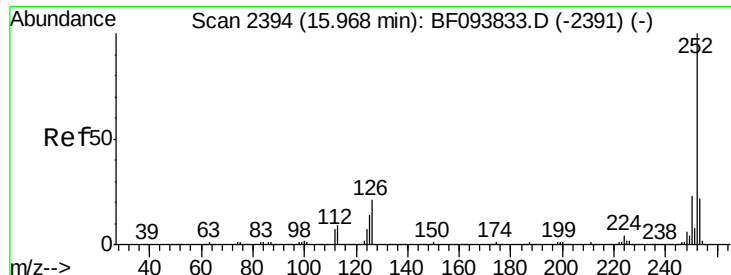
mohammad
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#87
Benzo(b)fluoranthene
Concen: 46.44 ng
RT: 15.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	14.1	9.8	14.8





#88

Benzo(k)fluoranthene

Concen: 41.00 ng

RT: 15.96 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Instrument :

BNA_F

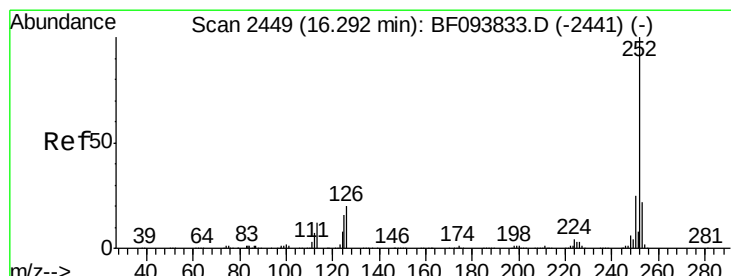
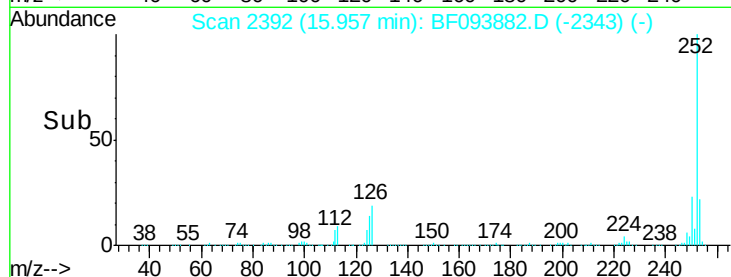
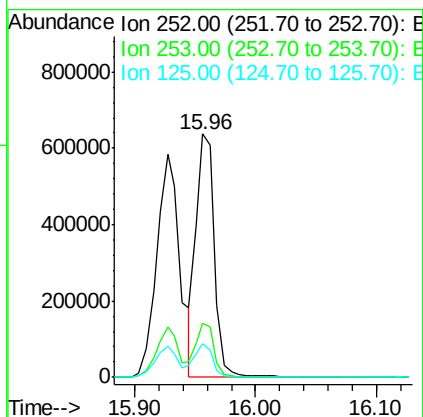
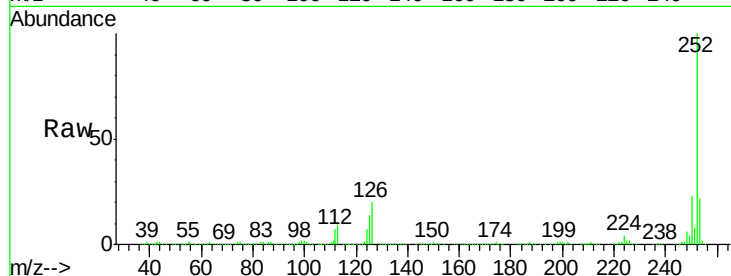
ClientSampleId :

S8-0666MS

Tgt Ion:	252	Resp:	673854
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.4	27.6
125	14.0	13.1	19.7

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#89

Benzo(a)pyrene

Concen: 46.66 ng

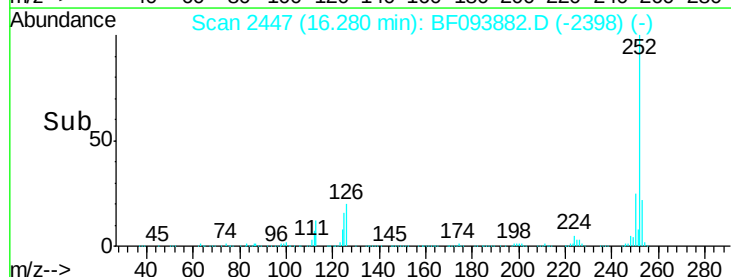
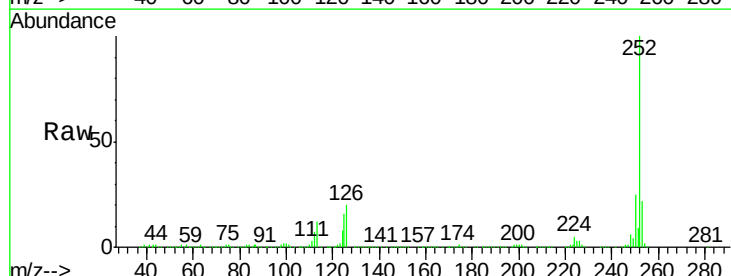
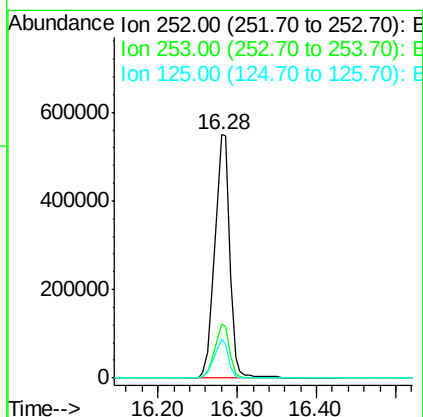
RT: 16.28 min Scan# 2447

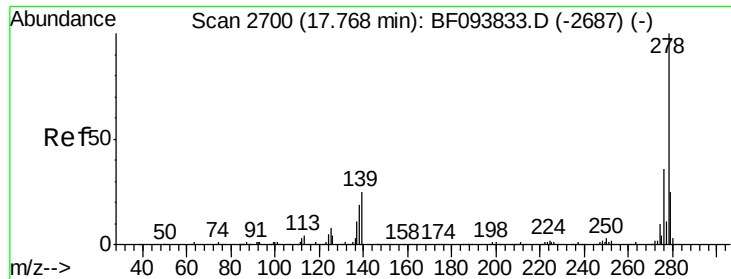
Delta R.T. -0.01 min

Lab File: BF093882.D

Acq: 23 Mar 2017 16:48

Tgt Ion:	252	Resp:	721634
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	16.2	11.0	16.4





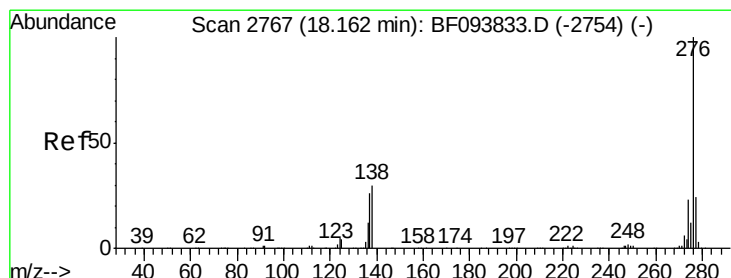
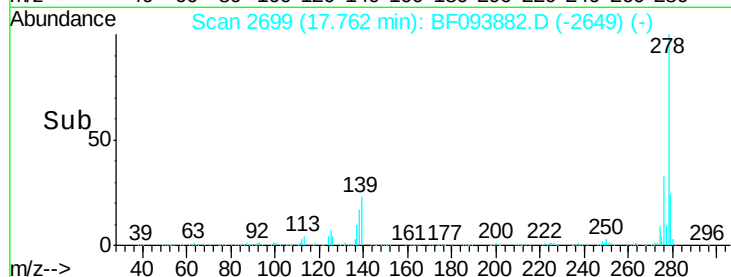
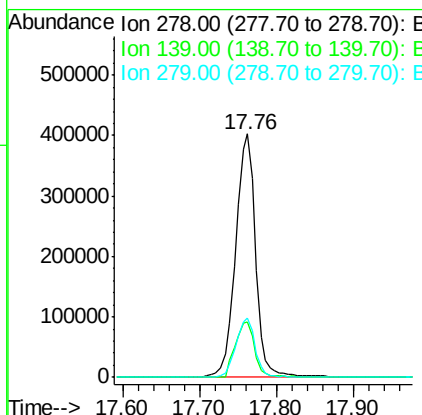
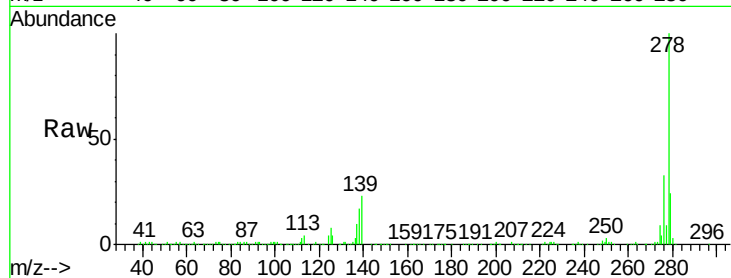
#90
Dibenzo(a,h)anthracene
Concen: 56.14 ng
RT: 17.76 min Scan# 2699
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Instrument :
BNA_F
ClientSampled :
S8-0666MS

Tgt Ion:	278	Resp:	735340
Ion Ratio	Lower	Upper	
278	100		
139	22.7	16.6	24.8
279	24.2	19.3	28.9

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 58.24 ng
RT: 18.16 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BF093882.D
Acq: 23 Mar 2017 16:48

Tgt Ion:	276	Resp:	768776
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.6	28.0
138	28.8	25.4	38.0

