

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093897.D
 Acq On : 24 Mar 2017 00:04
 Operator : SJ/MA
 Sample : I2367-17MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-8-9-BASEMSD

Manual Integrations
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mohammad
 3/24/2017 4:10:55 PM

Quant Time: Mar 24 13:36:39 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	164386	20.00	ng	-0.01
21) Naphthalene-d8	7.48	136	664668	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	298329	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	500895	20.00	ng	-0.01
75) Chrysene-d12	14.71	240	292075	20.00	ng	0.00
86) Perylene-d12	16.34	264	282239	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.52	112	1114972	114.56	ng	0.01
7) Phenol-d6	5.57	99	1417262	117.71	ng	0.00
23) Nitrobenzene-d5	6.63	82	882558	75.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	291505	123.65	ng	0.00
44) 2-Fluorobiphenyl	8.81	172	1450847	74.18	ng	-0.01
78) Terphenyl-d14	13.43	244	983566	75.48	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.40	88	159070	34.02 ng	97
3) Pyridine	2.88	79	440748	34.59 ng	98
4) n-Nitrosodimethylamine	2.83	42	207797	39.63 ng	93
6) Aniline	5.60	93	376237	22.46 ng	96
8) 2-Chlorophenol	5.74	128	446290	41.72 ng	97
9) Benzaldehyde	5.47	77	129452	15.92 ng	99
10) Phenol	5.59	94	587181	42.86 ng	98
11) bis(2-Chloroethyl)ether	5.68	93	416305	38.88 ng	98
12) 1,3-Dichlorobenzene	5.91	146	467809	38.98 ng	98
13) 1,4-Dichlorobenzene	6.00	146	470984	38.75 ng	97
14) 1,2-Dichlorobenzene	6.17	146	440781	39.38 ng	96
15) Benzyl Alcohol	6.14	79	375794	42.64 ng	99
16) 2,2'-oxybis(1-Chloropropan	6.30	45	594517	36.03 ng	99
17) 2-Methylphenol	6.28	107	369060	40.28 ng	96
18) Hexachloroethane	6.57	117	163062	38.17 ng	# 86
19) n-Nitroso-di-n-propylamine	6.46	70	305275	39.45 ng	98
20) 3+4-Methylphenols	6.46	107	444893	40.09 ng	# 81
22) Acetophenone	6.45	105	609173	41.12 ng	# 92
24) Nitrobenzene	6.65	77	454427	39.56 ng	92
25) Isophorone	6.94	82	806258	39.40 ng	95
26) 2-Nitrophenol	7.02	139	247000	45.09 ng	95
27) 2,4-Dimethylphenol	7.09	122	391687	41.50 ng	96
28) bis(2-Chloroethoxy)methane	7.20	93	528579	39.17 ng	99
29) 2,4-Dichlorophenol	7.32	162	377890	42.82 ng	97
30) 1,2,4-Trichlorobenzene	7.42	180	364380	40.09 ng	98
31) Naphthalene	7.51	128	1235964	38.67 ng	100
33) 4-Chloroaniline	7.57	127	199999	15.44 ng	# 93
34) Hexachlorobutadiene	7.66	225	177293	38.03 ng	97
35) Caprolactam	8.02	113	109726m	38.99 ng	
36) 4-Chloro-3-methylphenol	8.19	107	391927	42.50 ng	91
37) 2-Methylnaphthalene	8.35	142	850428	39.92 ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	310356	38.03 ng	99
40) Hexachlorocyclopentadiene	8.55	237	262817	68.82 ng	100
42) 2,4,6-Trichlorophenol	8.70	196	254924	44.15 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.75	196	252392	40.40	ng	94
45) 1,1'-Biphenyl	8.93	154	940175	39.07	ng	98
46) 2-Chloronaphthalene	8.95	162	739630	39.27	ng	93
47) 2-Nitroaniline	9.07	65	228163	40.83	ng	88
48) Acenaphthylene	9.46	152	1192398	38.09	ng	99
49) Dimethylphthalate	9.32	163	1054651	49.73	ng	99
50) 2,6-Dinitrotoluene	9.38	165	202534	41.66	ng	95
51) Acenaphthene	9.67	154	698741	38.25	ng	99
52) 3-Nitroaniline	9.57	138	154739	27.11	ng	96
53) 2,4-Dinitrophenol	9.70	184	14186	9.80	ng	# 74
54) Dibenzofuran	9.88	168	1020793	41.05	ng	99
55) 4-Nitrophenol	9.80	139	294173	65.80	ng	# 68
56) 2,4-Dinitrotoluene	9.87	165	254825	41.73	ng	# 81
57) Fluorene	10.30	166	761146	36.91	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	184925	43.14	ng	99
59) Diethylphthalate	10.19	149	859591	41.01	ng	100
60) 4-Chlorophenyl-phenylether	10.31	204	326307	37.14	ng	93
61) 4-Nitroaniline	10.33	138	191013	34.87	ng	96
62) Azobenzene	10.50	77	810386	40.87	ng	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	84315	27.49	ng	# 76
65) n-Nitrosodiphenylamine	10.46	169	712505	41.13	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	199350	40.47	ng	99
67) Hexachlorobenzene	10.98	284	203413	40.79	ng	# 87
68) Atrazine	11.13	200	207357	39.97	ng	97
69) Pentachlorophenol	11.23	266	205778	66.29	ng	97
70) Phenanthrene	11.49	178	1086930	39.01	ng	98
71) Anthracene	11.55	178	1103283	38.46	ng	98
72) Carbazole	11.75	167	986110	33.52	ng	98
73) Di-n-butylphthalate	12.20	149	1253438	40.97	ng	99
74) Fluoranthene	12.95	202	1000482	35.07	ng	98
76) Benzidine	13.11	184	295053	25.52	ng	# 94
77) Pyrene	13.22	202	966072	45.58	ng	99
79) Butylbenzylphthalate	14.04	149	427551	47.34	ng	# 86
80) Benzo(a)anthracene	14.69	228	658585	38.67	ng	99
81) 3,3'-Dichlorobenzidine	14.66	252	139183	22.86	ng	# 97
82) Chrysene	14.74	228	593329	37.54	ng	99
83) Bis(2-ethylhexyl)phthalate	14.76	149	556607	45.17	ng	# 98
84) Di-n-octyl phthalate	15.51	149	825643	40.11	ng	98
85) Indeno(1,2,3-cd)pyrene	17.74	276	679980	49.68	ng	99
87) Benzo(b)fluoranthene	15.93	252	637319	36.84	ng	98
88) Benzo(k)fluoranthene	15.96	252	568796m	33.60	ng	
89) Benzo(a)pyrene	16.29	252	596097	37.42	ng	100
90) Dibenzo(a,h)anthracene	17.76	278	569286	42.19	ng	98
91) Benzo(g,h,i)perylene	18.15	276	555696	40.87	ng	99

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

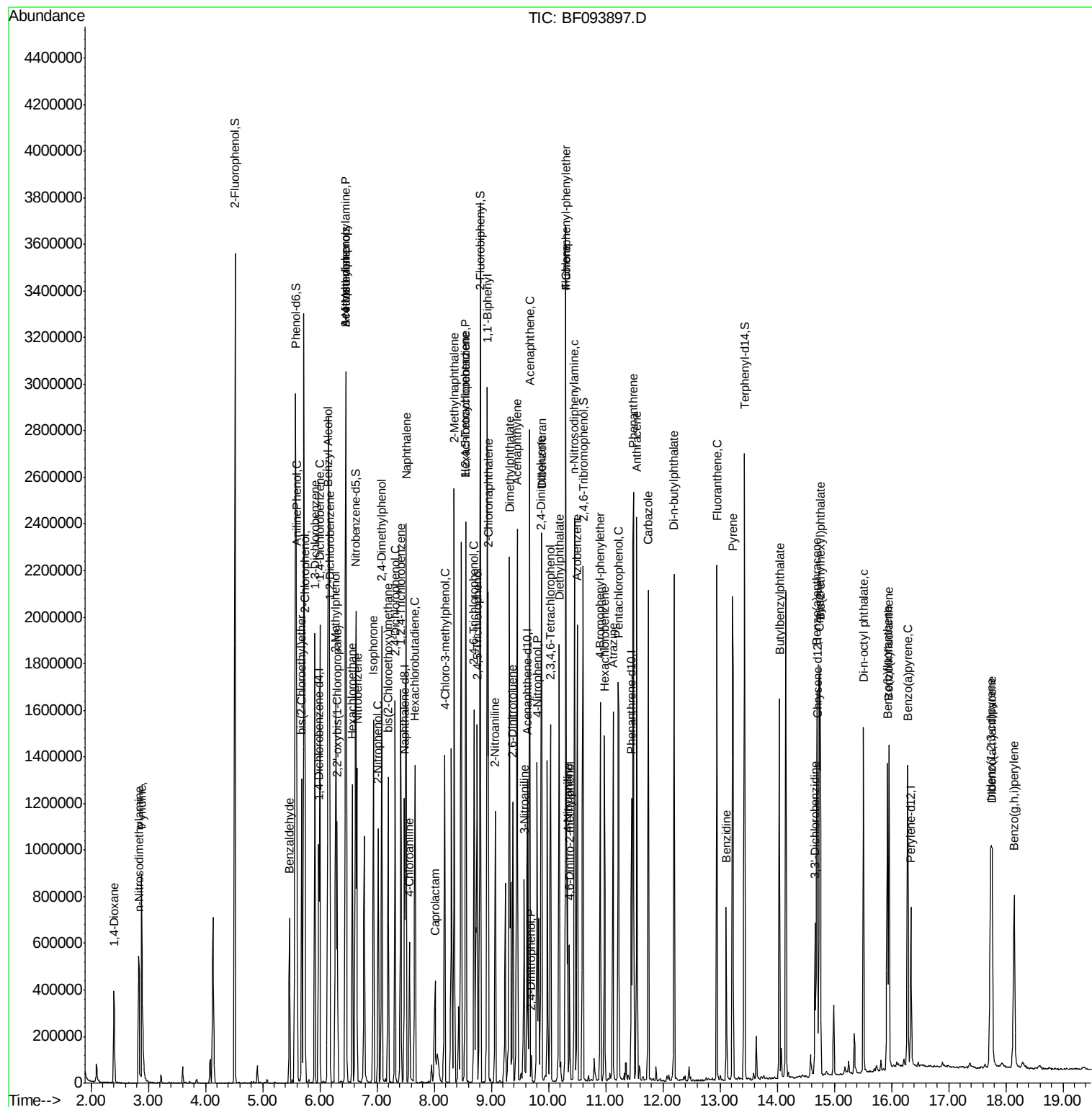
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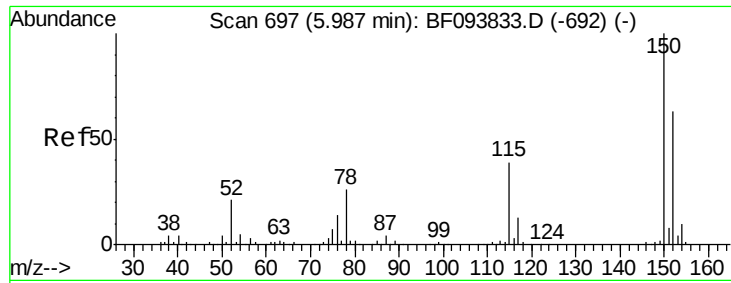
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.97 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

Instrument :

BNA_F

ClientSampleId :

E2-CC-DD-8-9-BASEMSD

Tgt Ion: 152 Resp: 164386

Ion Ratio Lower Upper

152 100

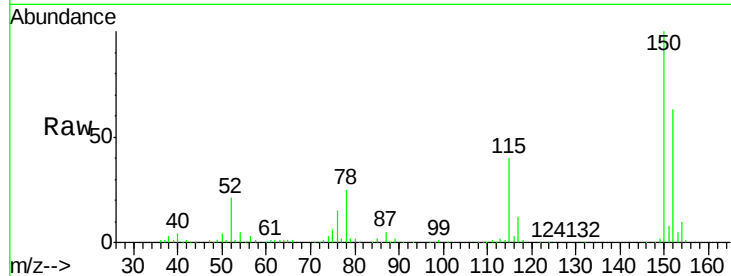
150 157.7 126.2 189.2

115 63.4 52.2 78.2

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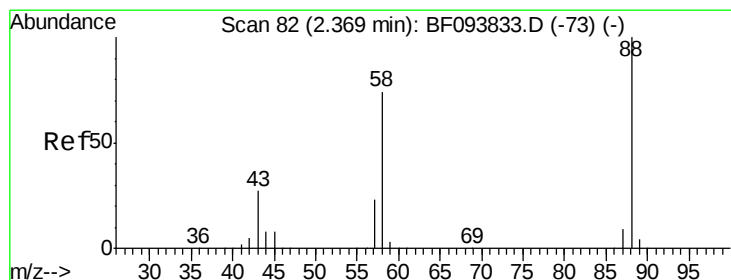
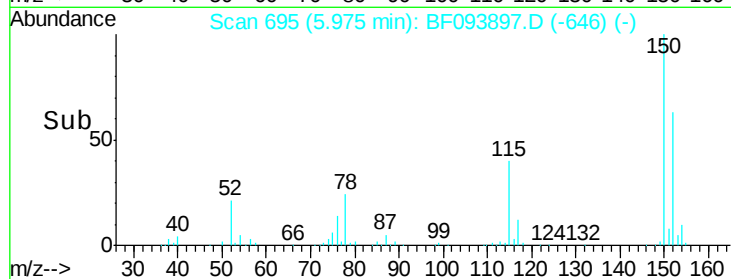
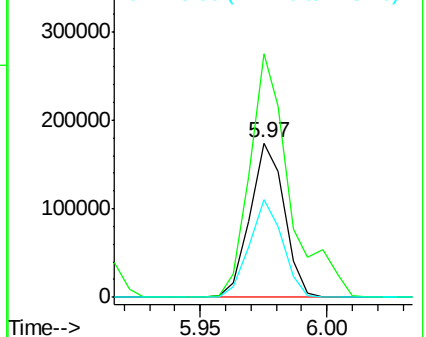
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.02 ng

RT: 2.40 min Scan# 87

Delta R.T. 0.03 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

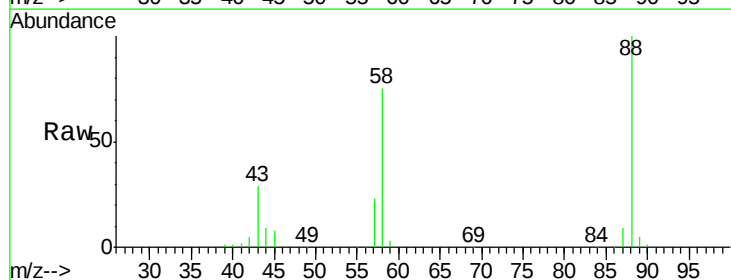
Tgt Ion: 88 Resp: 159070

Ion Ratio Lower Upper

88 100

58 74.2 61.4 92.0

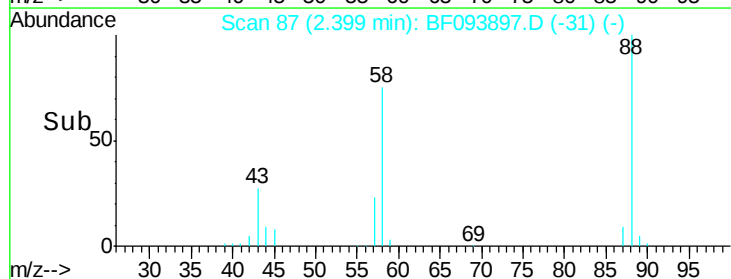
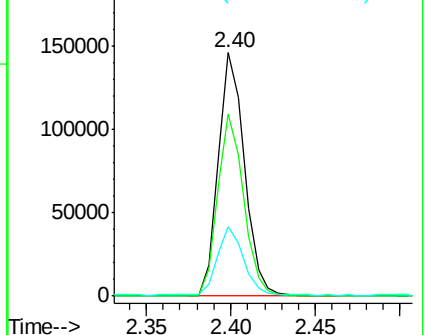
43 28.1 23.4 35.0

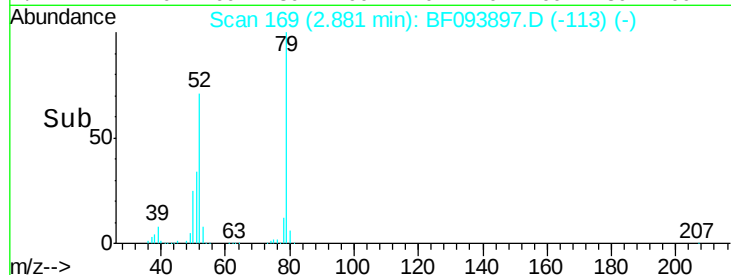
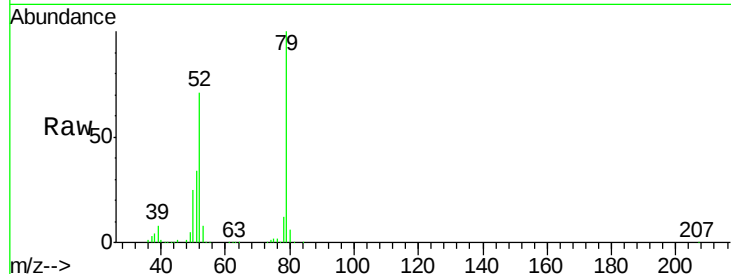
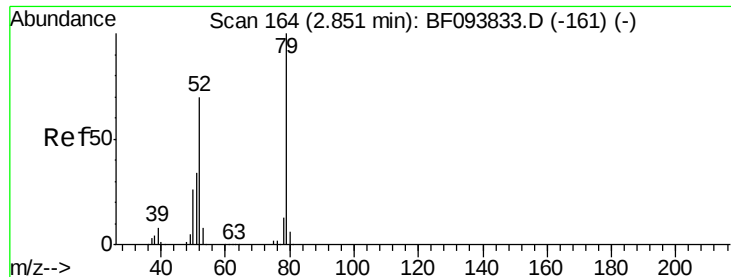


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





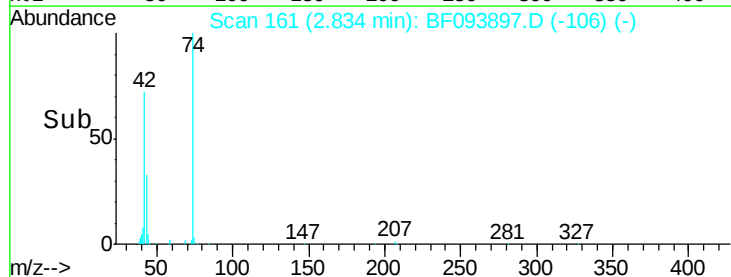
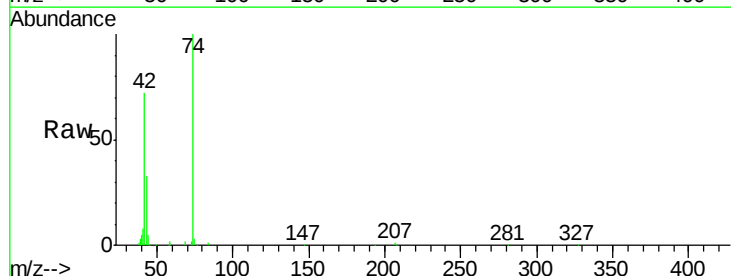
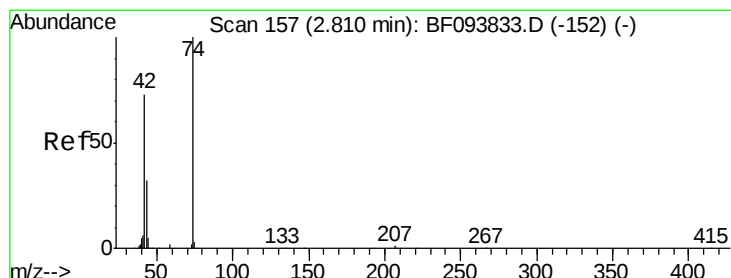
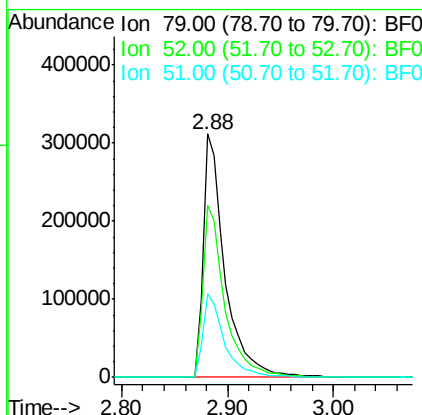
#3
 Pyridine
 Concen: 34.59 ng
 RT: 2.88 min Scan# 169
 Delta R.T. 0.03 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion:	79	Resp:	440748
Ion Ratio	Lower	Upper	
79	100		
52	70.6	54.8	82.2
51	34.2	27.0	40.4

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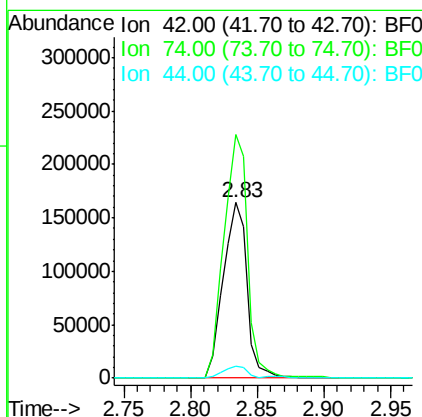
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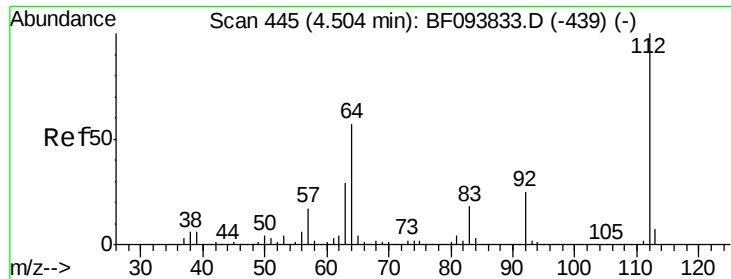
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#4
 n-Nitrosodimethylamine
 Concen: 39.63 ng
 RT: 2.83 min Scan# 161
 Delta R.T. 0.02 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion:	42	Resp:	207797
Ion Ratio	Lower	Upper	
42	100		
74	138.7	103.9	155.9
44	6.7	5.7	8.5





#5

2-Fluorophenol

Concen: 114.56 ng

RT: 4.52 min Scan# 447

Delta R.T. 0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

Instrument :

BNA_F

ClientSampleId :

E2-CC-DD-8-9-BASEMSD

Tgt Ion: 112 Resp: 1114972

Ion Ratio Lower Upper

112 100

64 57.0 46.0 69.0

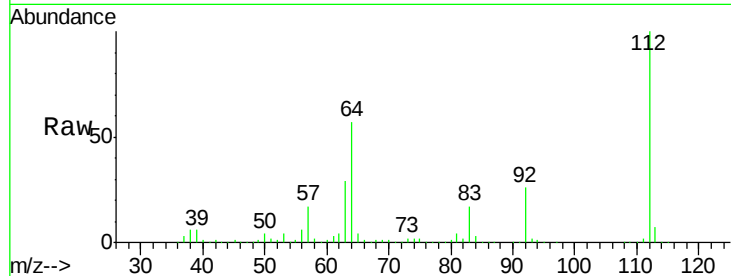
63 28.6 23.4 35.0

Manual Integrations

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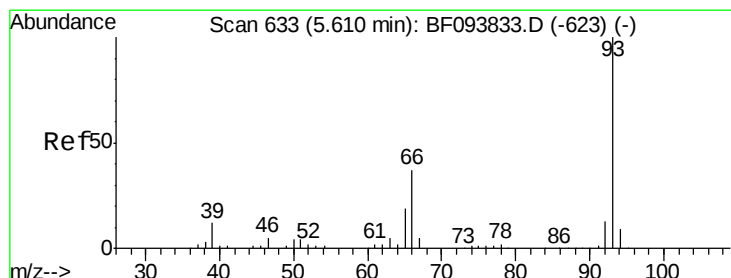
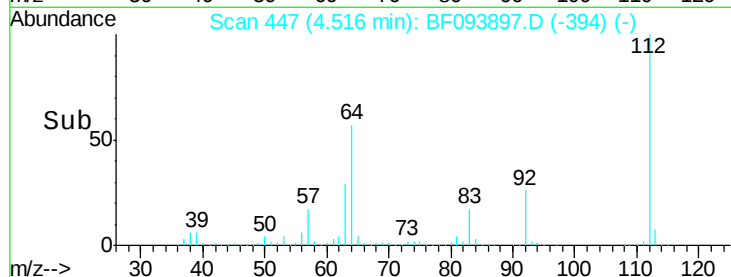
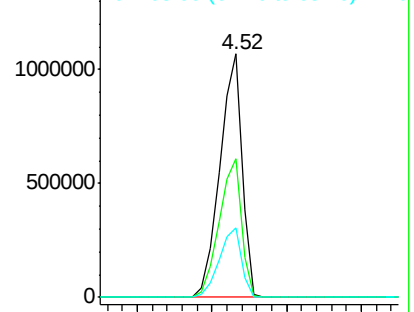
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.46 ng

RT: 5.60 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

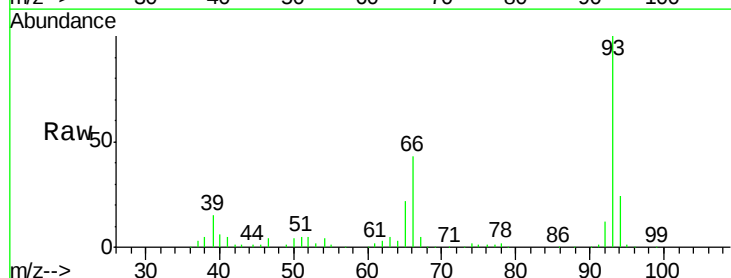
Tgt Ion: 93 Resp: 376237

Ion Ratio Lower Upper

93 100

66 43.3 32.9 49.3

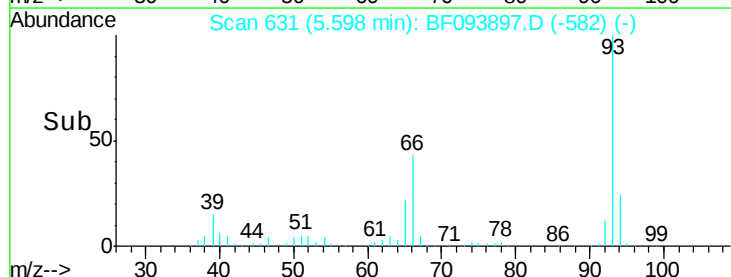
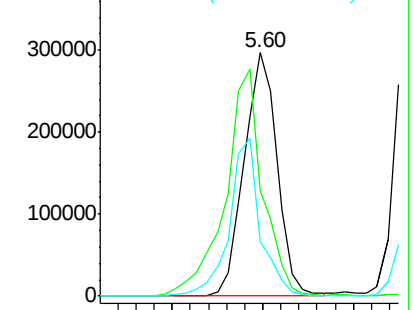
65 22.2 16.0 24.0

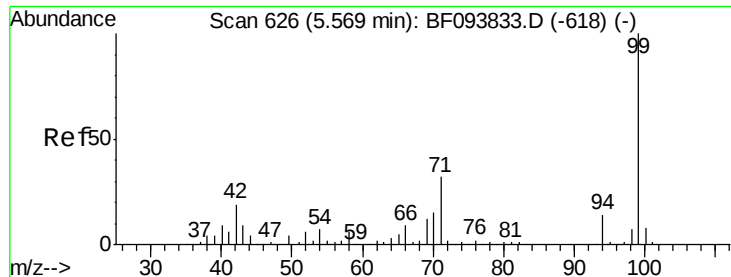


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.71 ng

RT: 5.57 min Scan# 627

Delta R.T. 0.01 min

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Tgt Ion: 99 Resp: 1417262

Ion Ratio Lower Upper

99 100

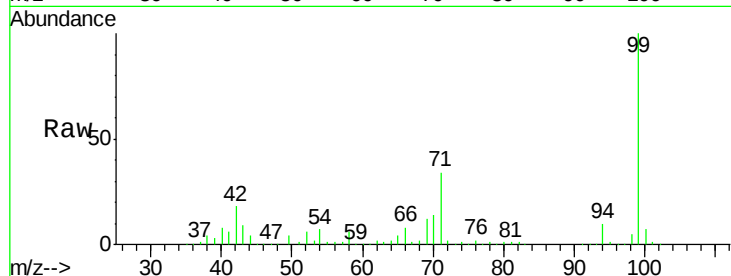
42 17.7 13.5 20.3

71 33.5 24.5 36.7

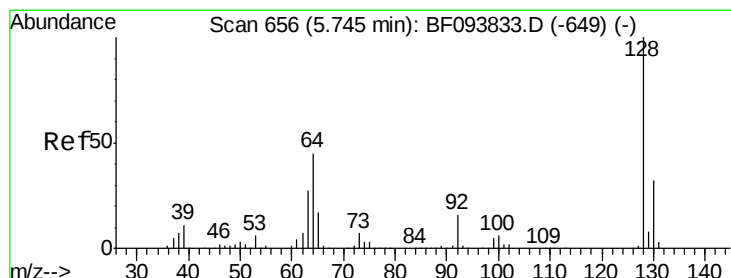
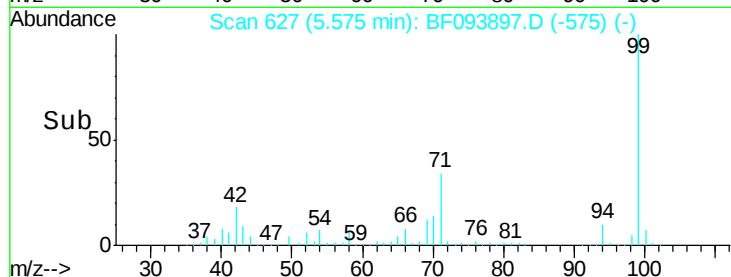
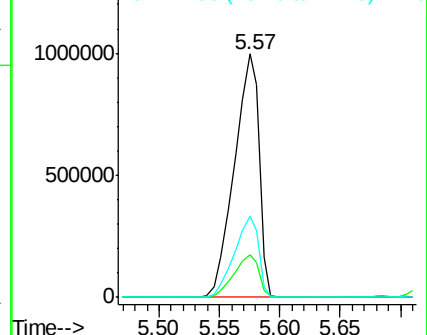
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.72 ng

RT: 5.74 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

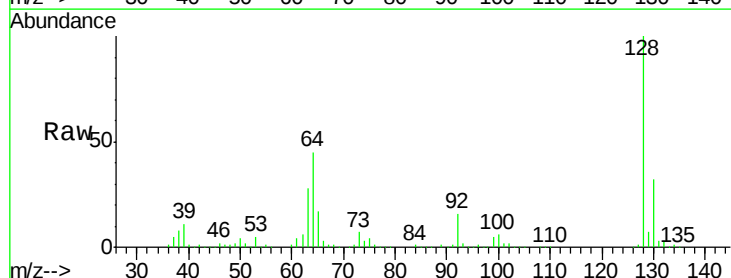
Tgt Ion: 128 Resp: 446290

Ion Ratio Lower Upper

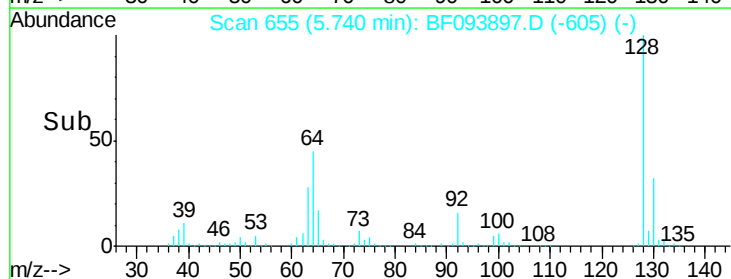
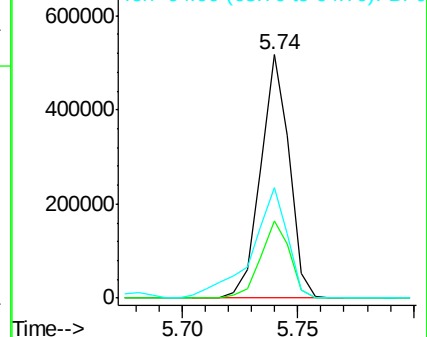
128 100

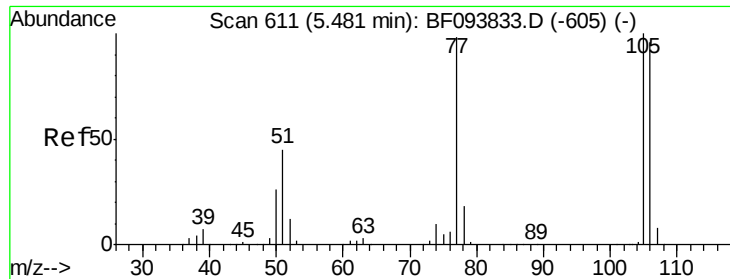
130 31.8 12.9 52.9

64 45.5 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.92 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

Instrument :

BNA_F

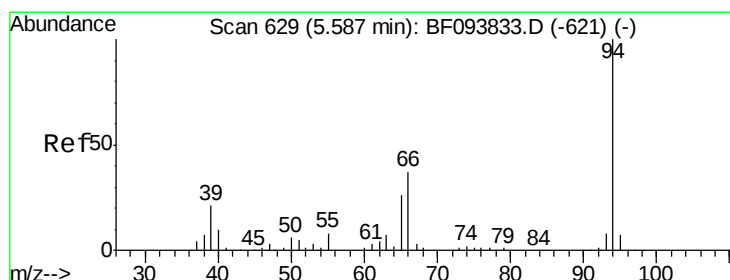
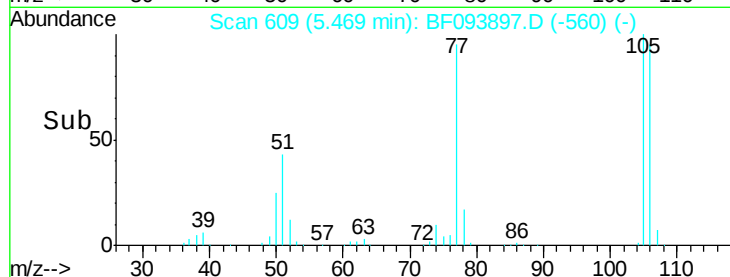
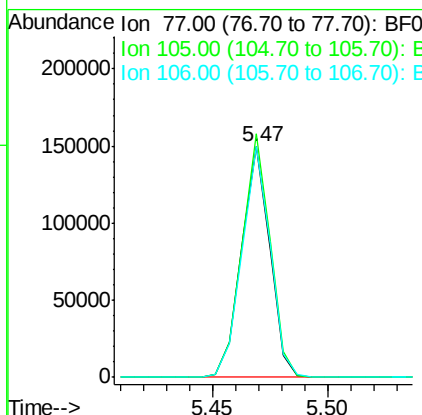
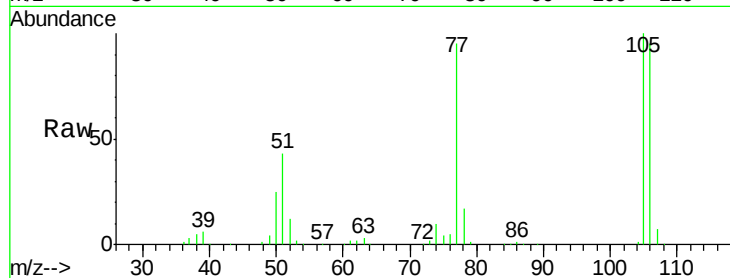
ClientSampleId :

E2-CC-DD-8-9-BASEMSD

Tgt Ion:	77	Resp:	129452
Ion	Ratio	Lower	Upper
77	100		
105	105.6	83.8	123.8
106	100.0	79.1	119.1

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#10

Phenol

Concen: 42.86 ng

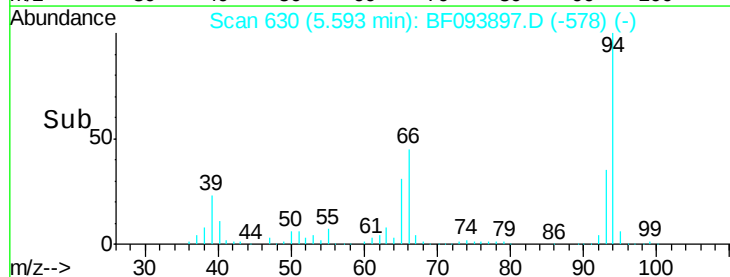
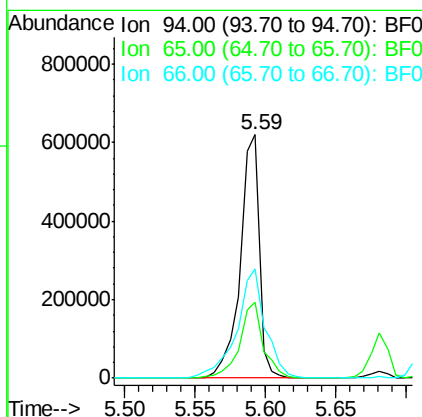
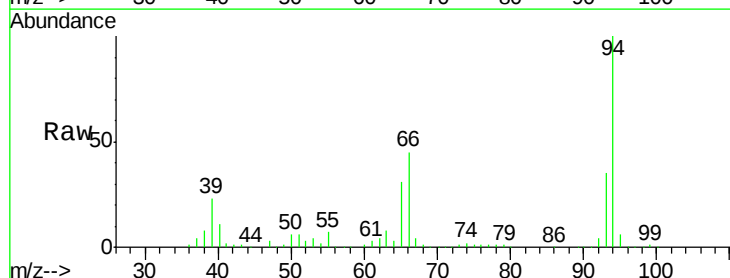
RT: 5.59 min Scan# 630

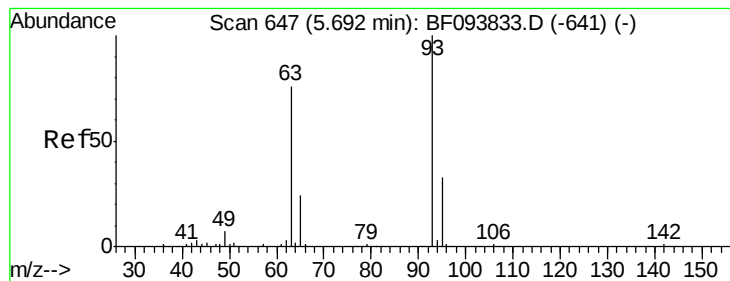
Delta R.T. 0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

Tgt Ion:	94	Resp:	587181
Ion	Ratio	Lower	Upper
94	100		
65	31.0	9.9	49.9
66	44.7	23.1	63.1





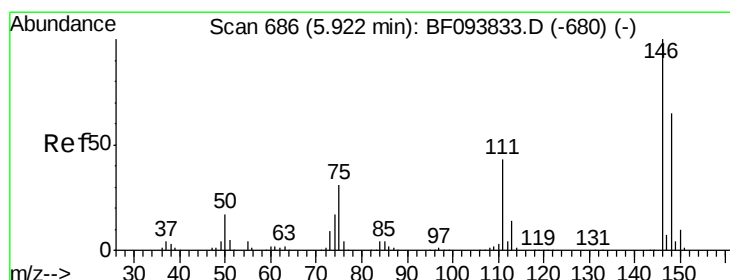
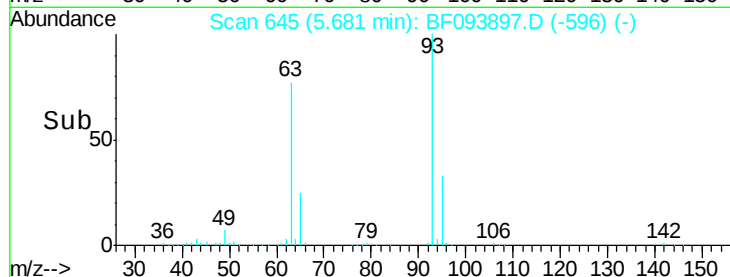
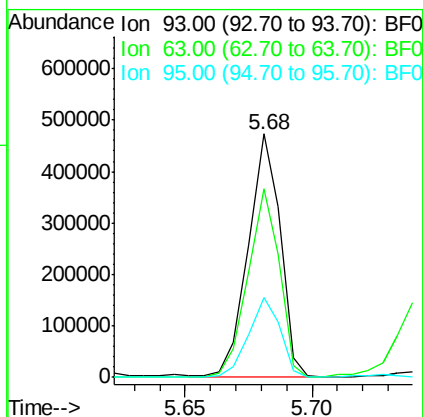
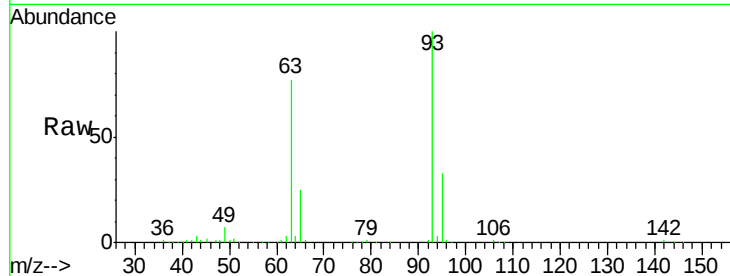
#11
bis(2-Chloroethyl)ether
Concen: 38.88 ng
RT: 5.68 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.3	59.2	99.2
95	32.8	12.8	52.8

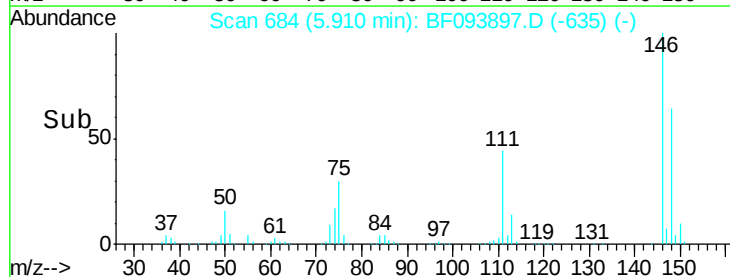
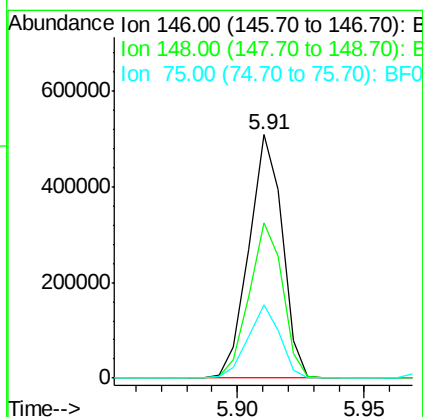
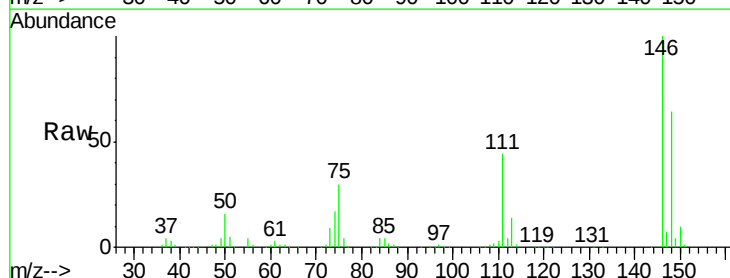
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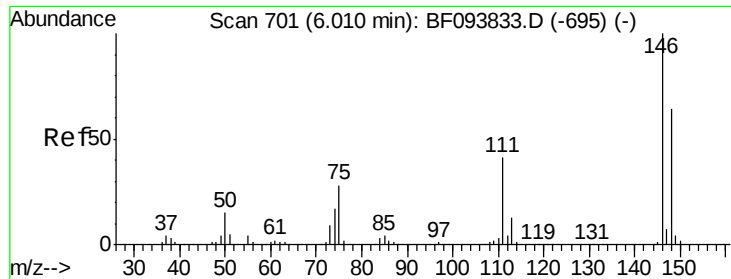
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.98 ng
RT: 5.91 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
75	30.3	23.1	34.7





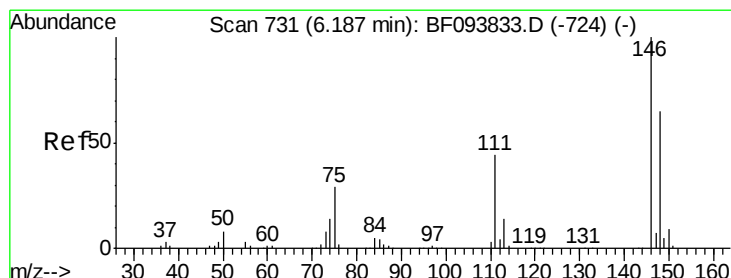
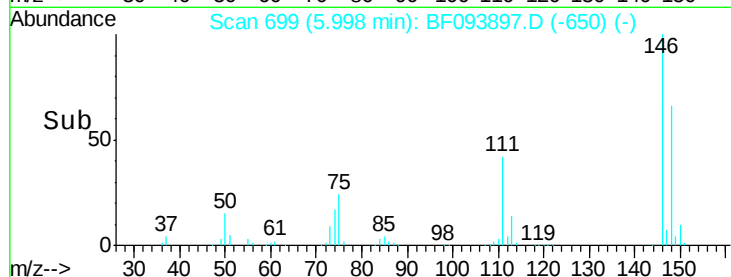
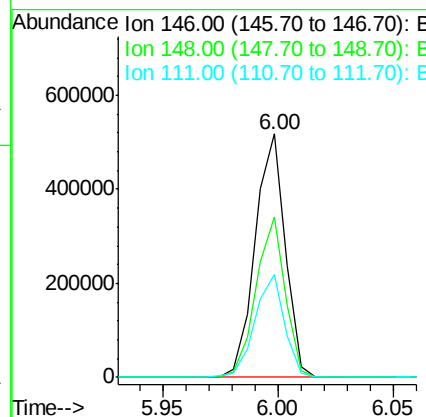
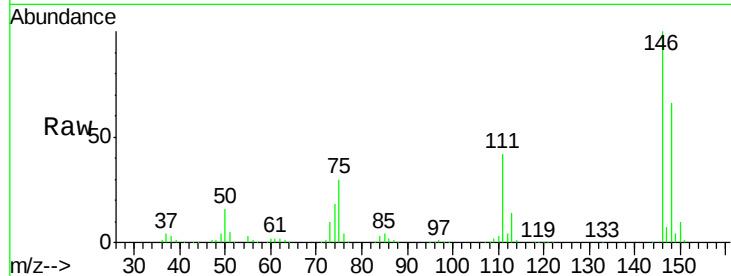
#13
 1,4-Dichlorobenzene
 Concen: 38.75 ng
 RT: 6.00 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.2	78.2
111	42.2	30.3	45.5

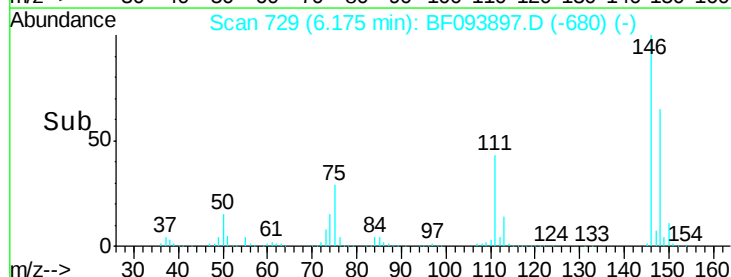
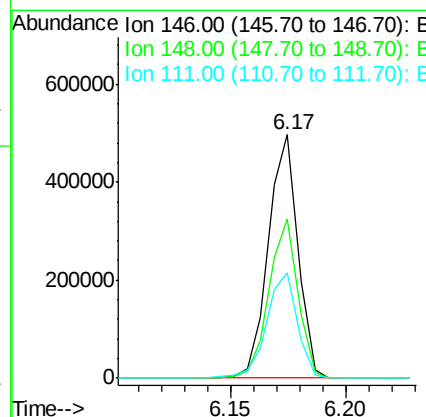
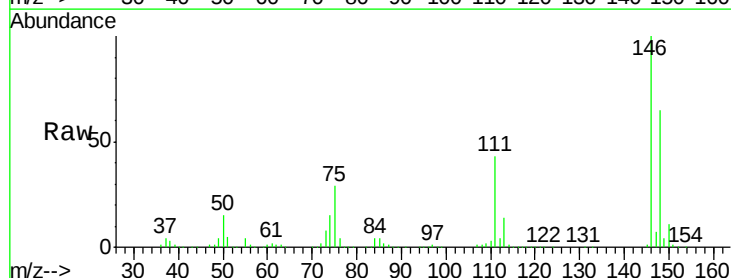
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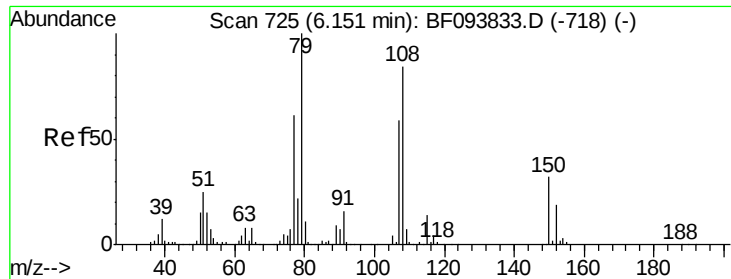
mohammad
 3/24/2017 4:10:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.38 ng
 RT: 6.17 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	43.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 42.64 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

Instrument :

BNA_F

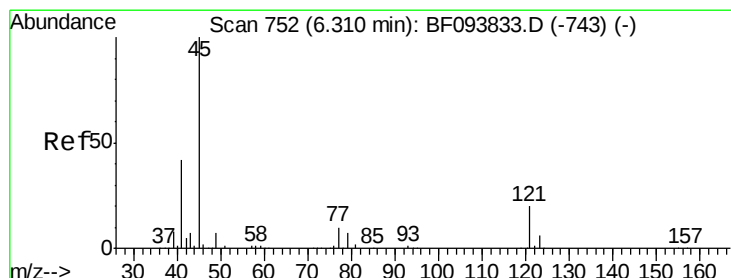
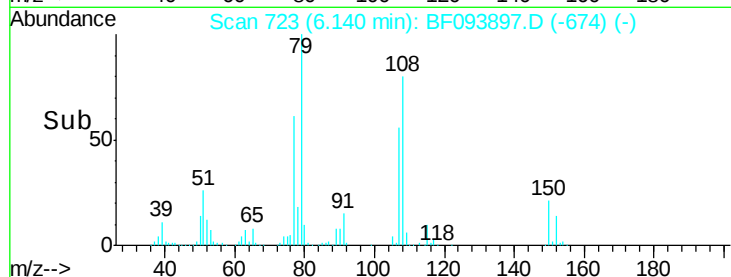
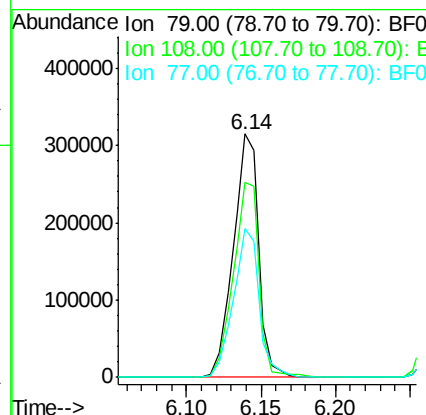
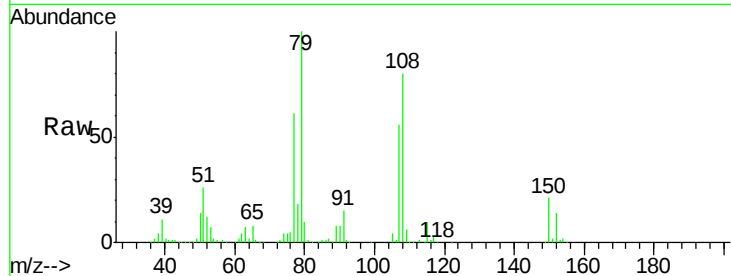
ClientSampleId :

E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	80.2	63.4	95.0
77	61.0	49.2	73.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.03 ng

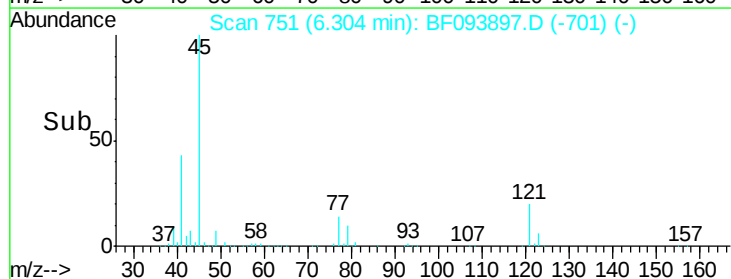
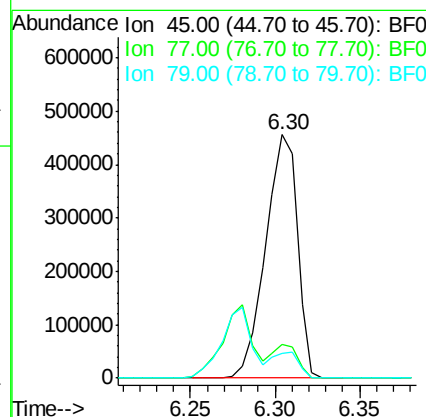
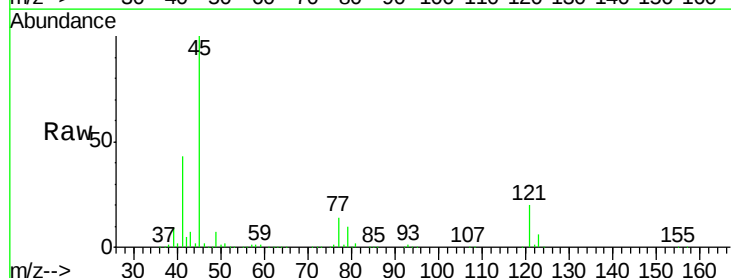
RT: 6.30 min Scan# 751

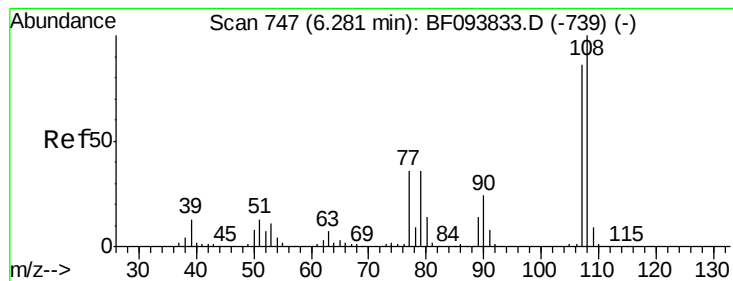
Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.2
79	10.3	0.0	30.0





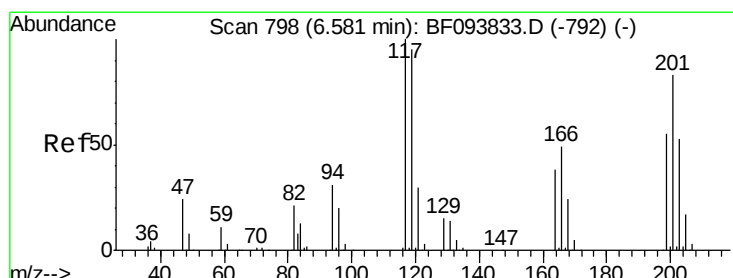
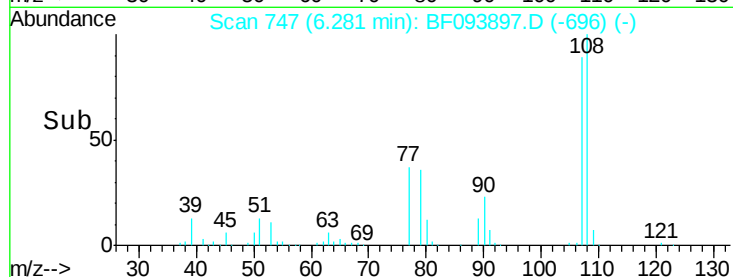
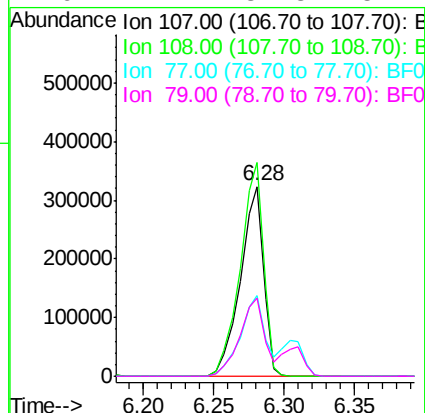
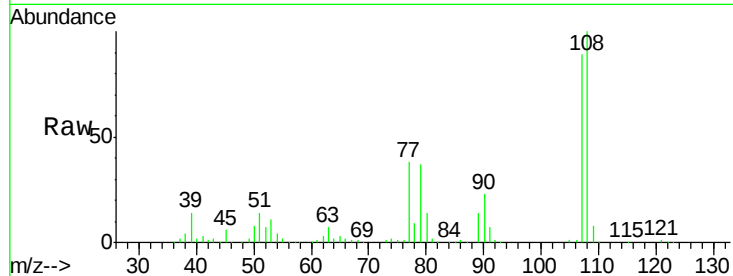
#17
2-Methylphenol
Concen: 40.28 ng
RT: 6.28 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	369060		
108	112.6	93.4	140.0	
77	42.6	35.8	53.6	
79	41.4	34.8	52.2	

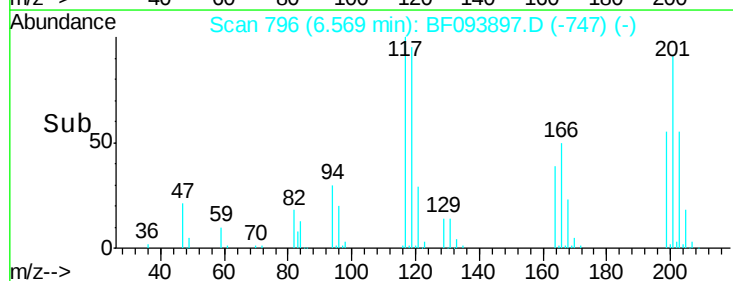
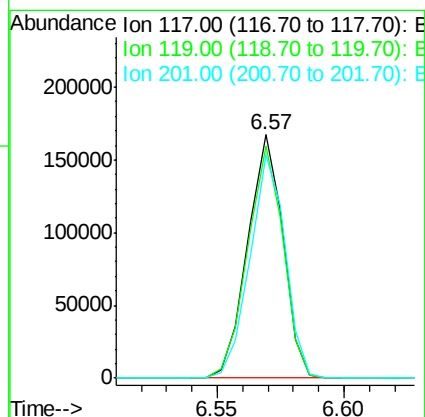
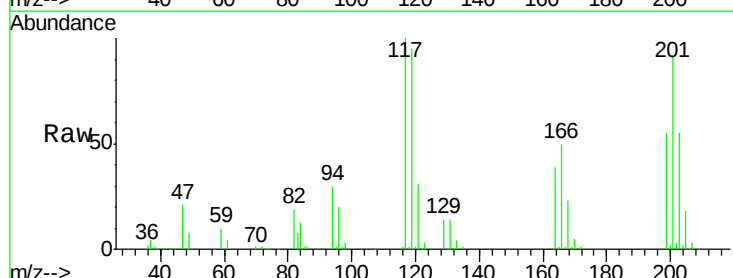
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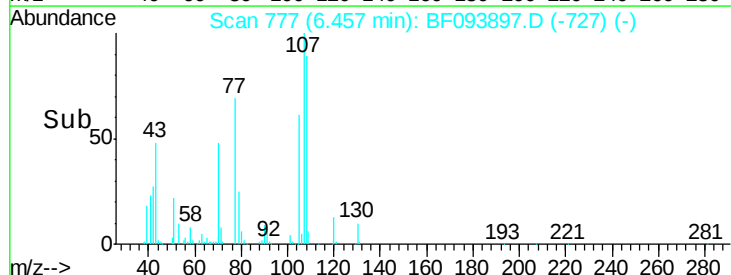
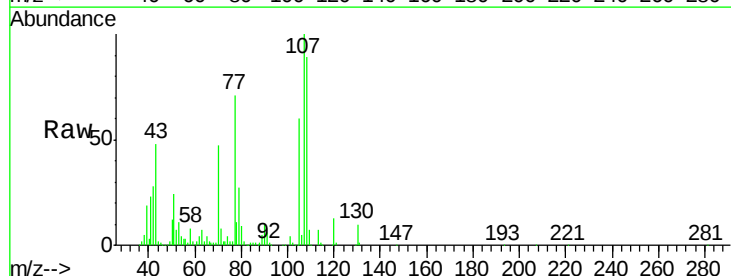
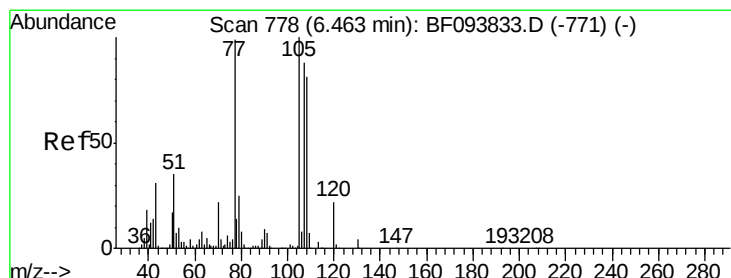
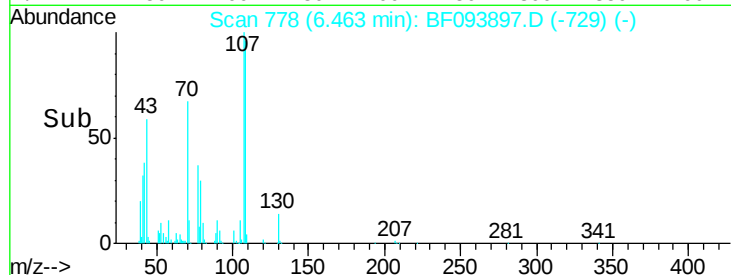
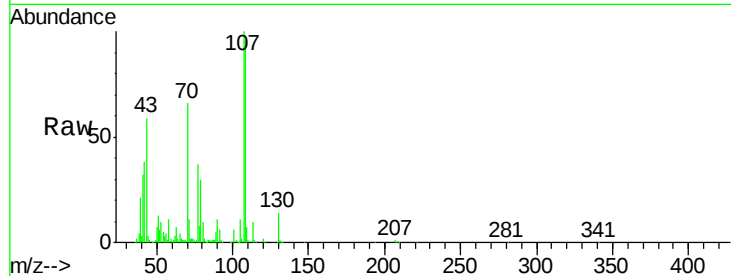
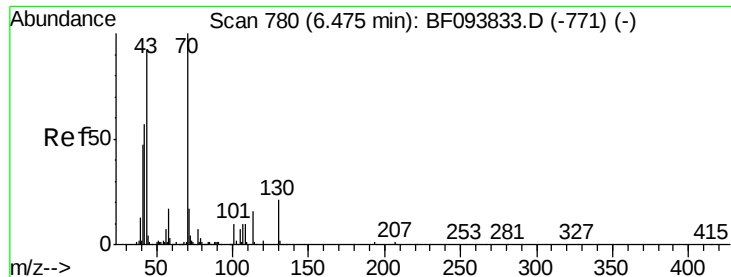
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#18
Hexachloroethane
Concen: 38.17 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

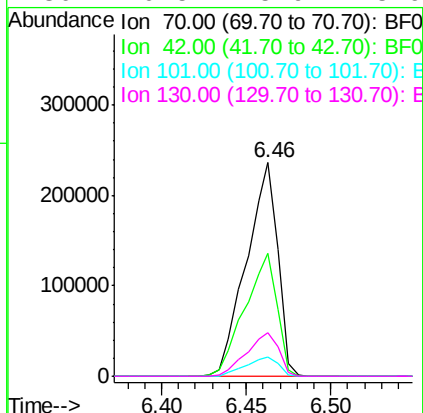
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	163062		
119	95.3	77.4	116.0	
201	91.4	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 39.45 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.2	70.8
101	9.3	7.2	10.8
130	20.5	15.9	23.9



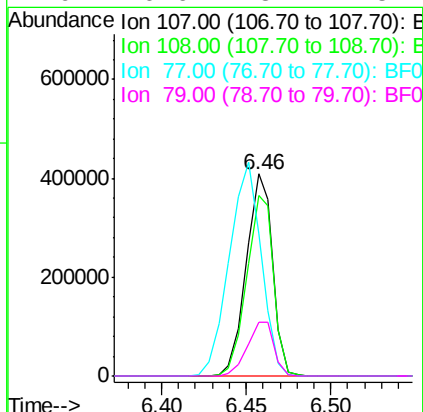
Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

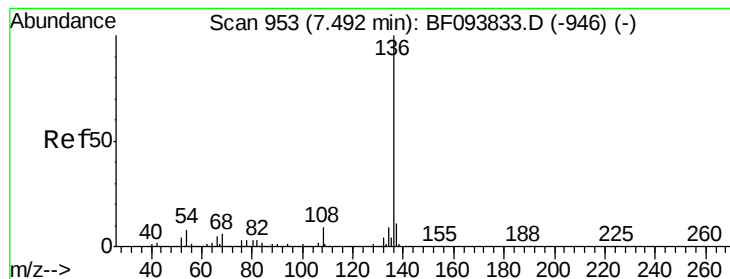
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#20
3+4-Methylphenols
Concen: 40.09 ng
RT: 6.46 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.0	111.0
77	70.7	90.5	130.5#
79	26.6	8.4	48.4





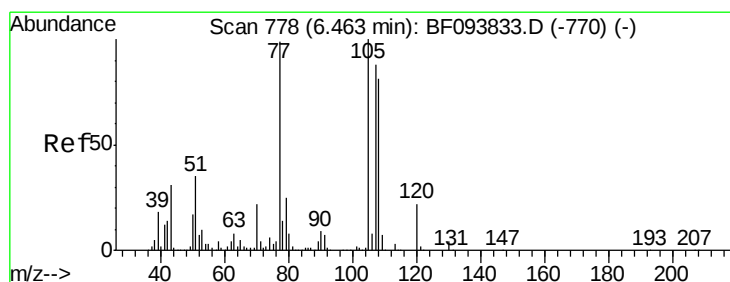
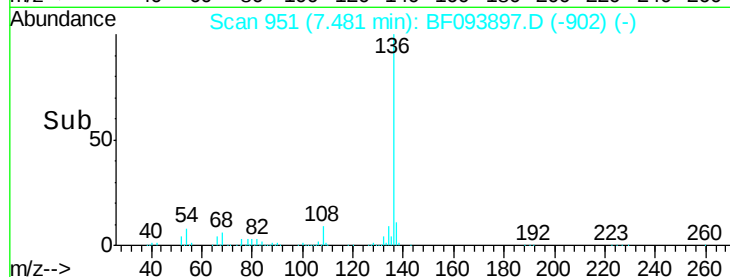
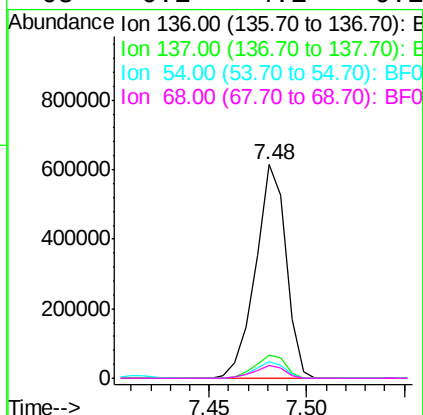
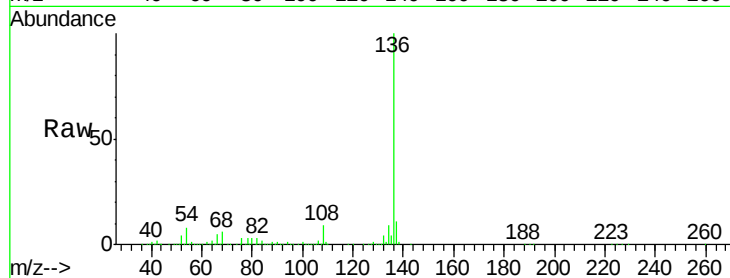
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		664668		
137	10.9		8.5	12.7	
54	7.7		4.9	7.3	
68	6.1		4.1	6.1	

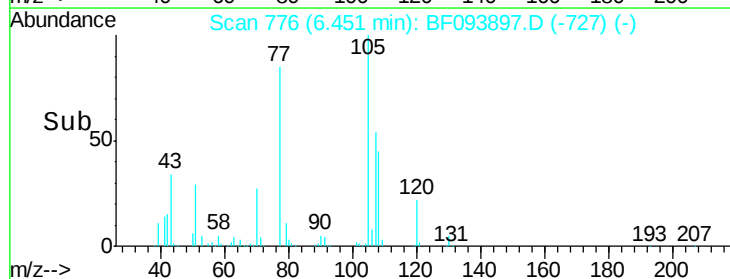
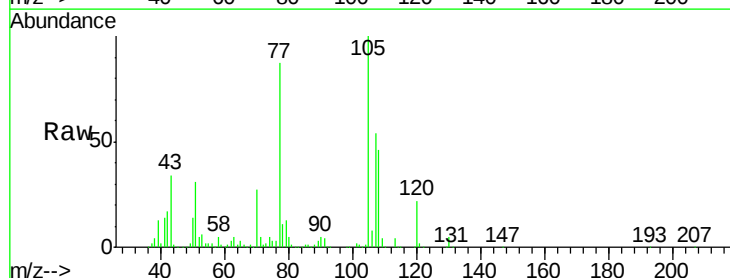
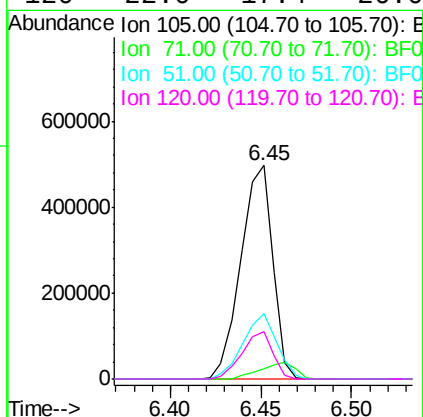
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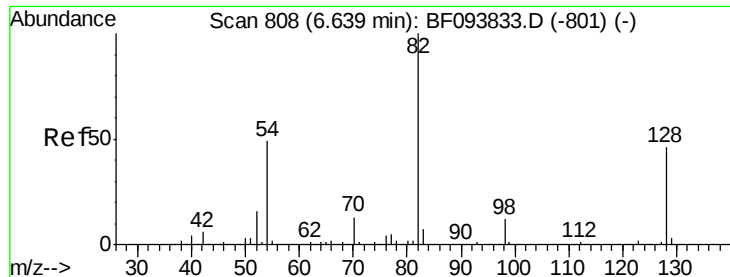
mohammad
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#22
Acetophenone
Concen: 41.12 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		609173		
71	4.6		2.8	4.2	
51	30.6		30.7	46.1	
120	22.0		17.4	26.0	





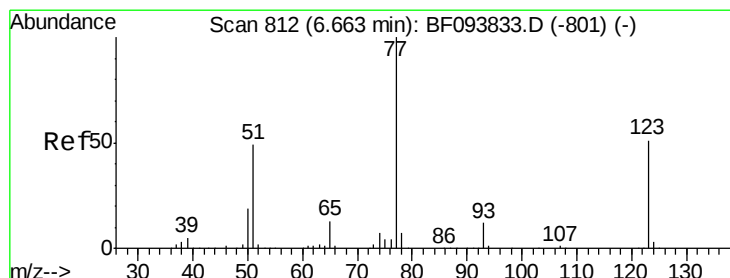
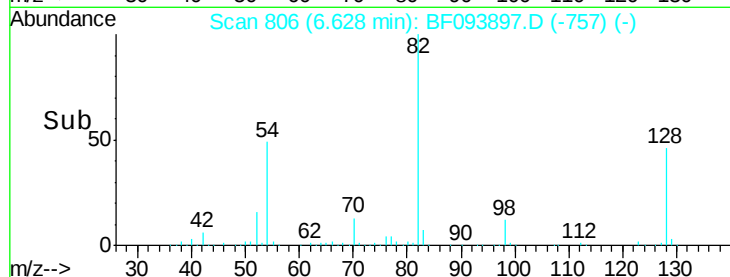
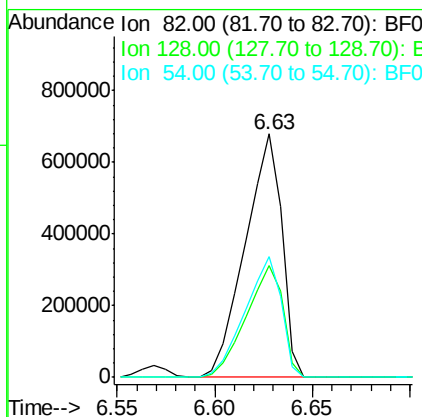
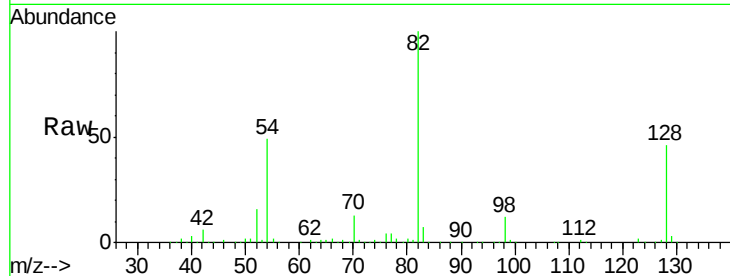
#23
 Nitrobenzene-d5
 Concen: 75.78 ng
 RT: 6.63 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	49.5	42.2	63.2

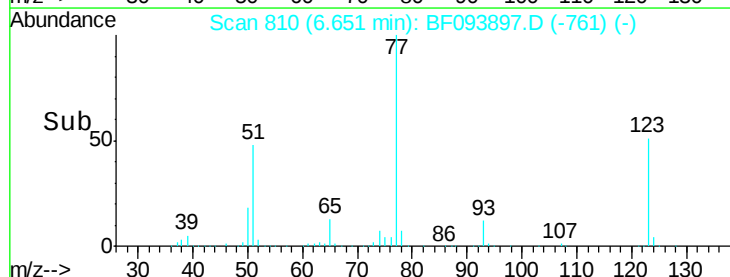
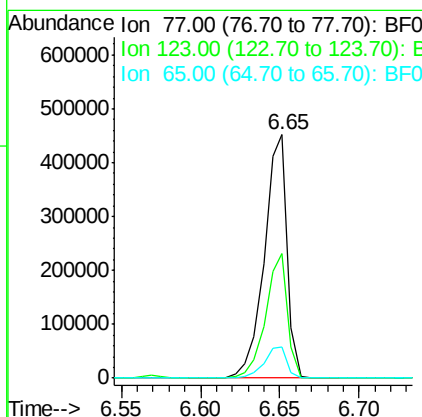
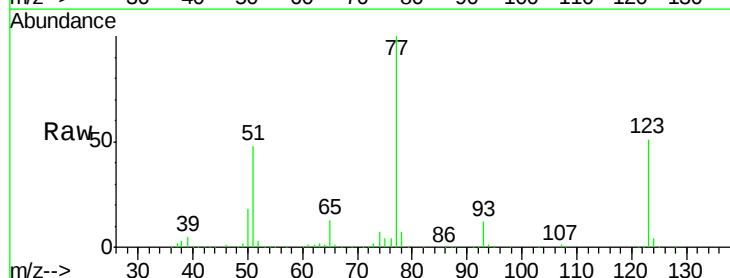
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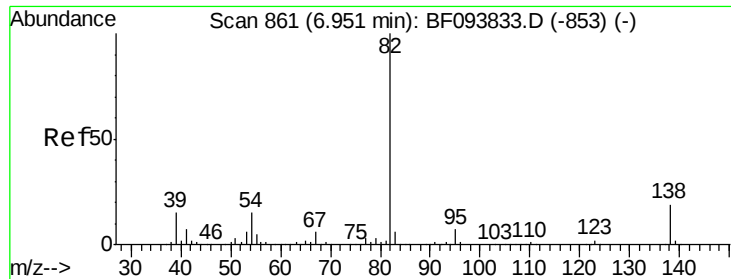
mohammad
 3/24/2017 4:10:55 PM



#24
 Nitrobenzene
 Concen: 39.56 ng
 RT: 6.65 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.2	35.8	53.8
65	12.8	10.6	15.8





#25

Isophorone

Concen: 39.40 ng

RT: 6.94 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

Instrument :

BNA_F

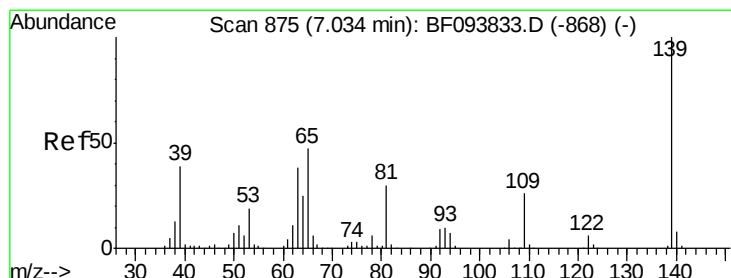
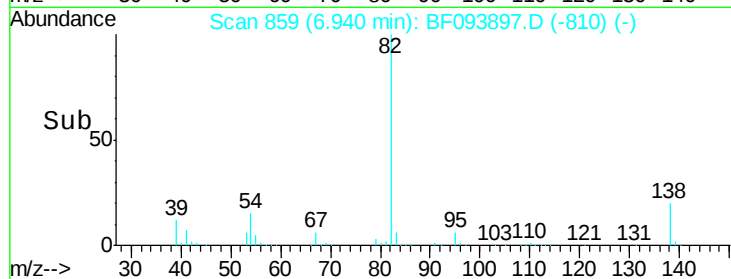
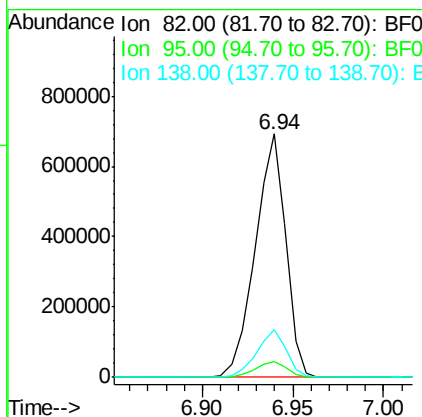
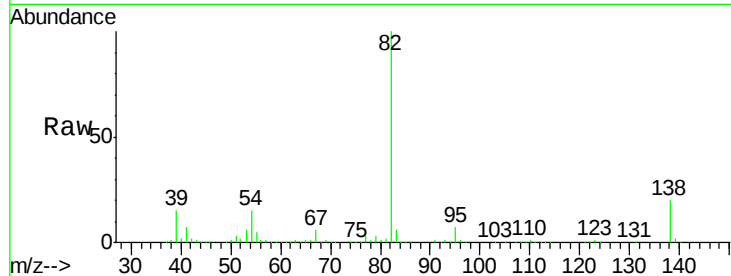
ClientSampleId :

E2-CC-DD-8-9-BASEMSD

Tgt Ion:	82	Resp:	806258
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.3	7.9
138	19.5	13.1	19.7

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#26

2-Nitrophenol

Concen: 45.09 ng

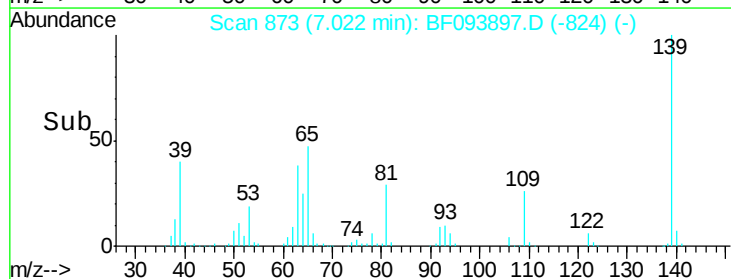
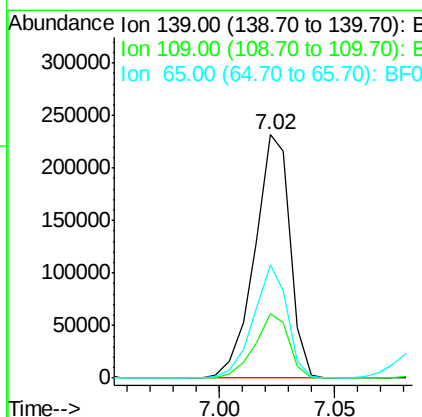
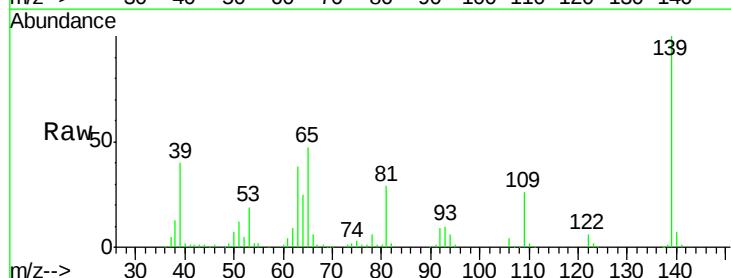
RT: 7.02 min Scan# 873

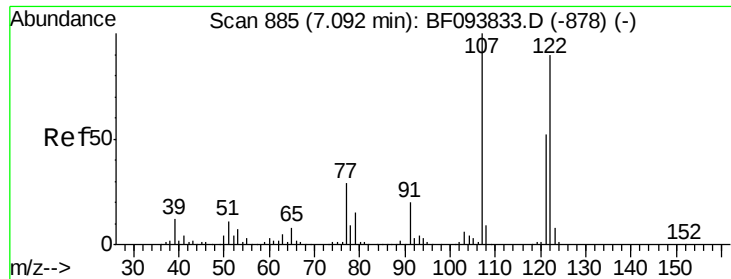
Delta R.T. -0.01 min

Lab File: BF093897.D

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Tgt Ion:	139	Resp:	247000
Ion Ratio		Lower	Upper
139	100		
109	26.4	21.0	31.6
65	46.6	33.0	49.6





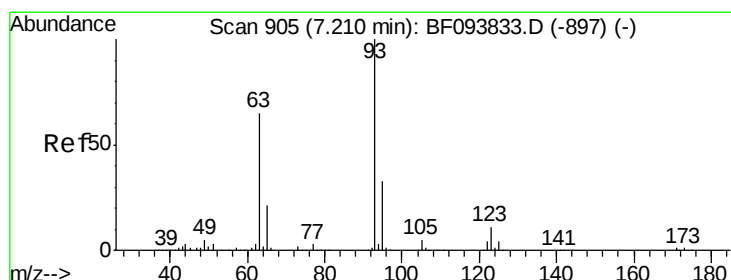
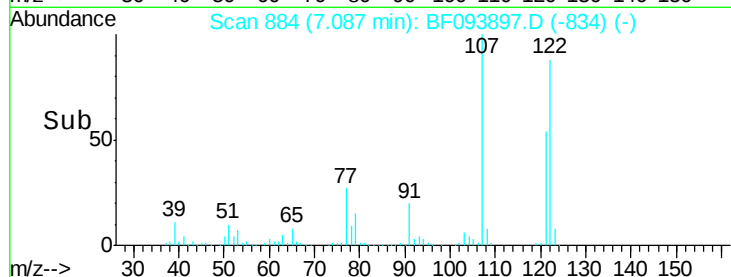
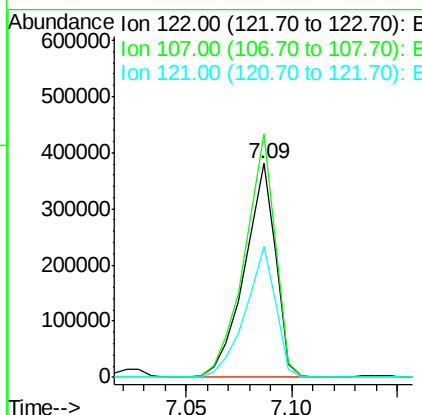
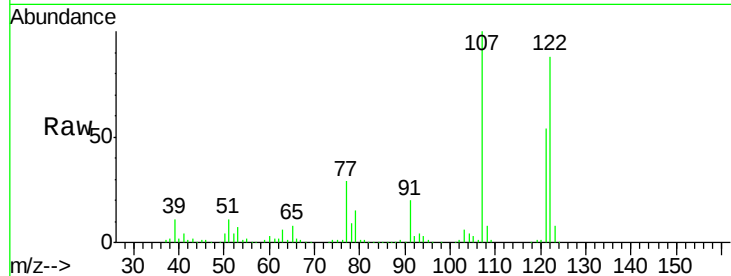
#27
 2,4-Dimethylphenol
 Concen: 41.50 ng
 RT: 7.09 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
122	100	391687		
107	114.0	89.2	133.8	
121	61.1	45.2	67.8	

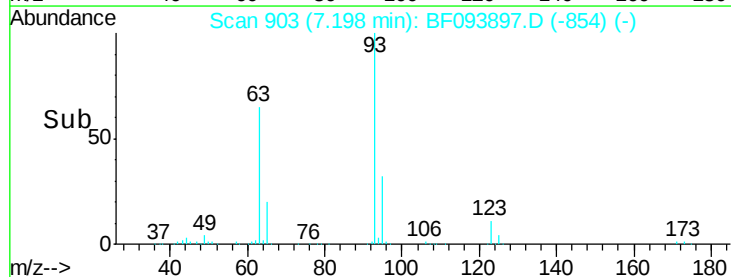
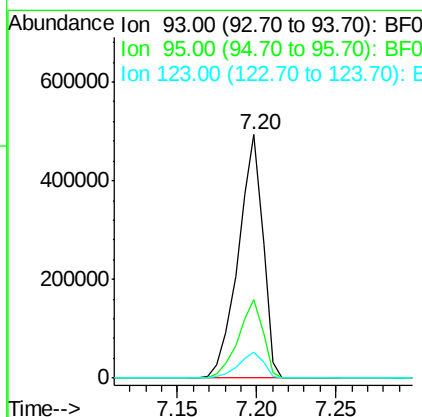
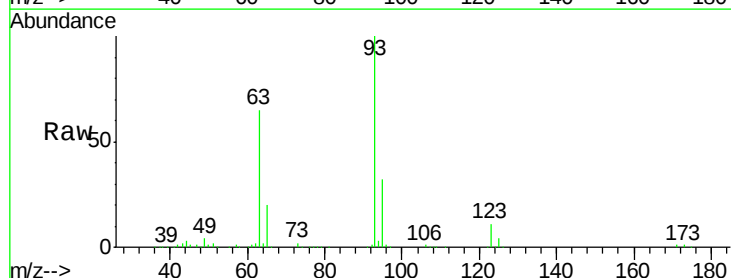
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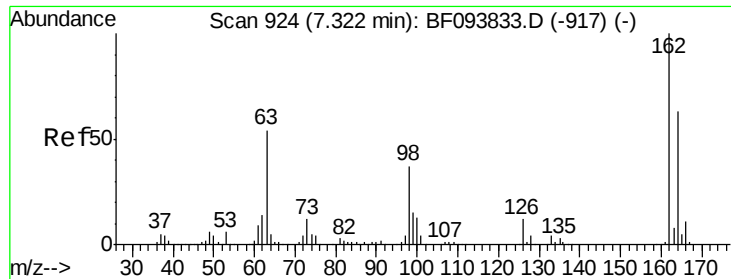
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.17 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	528579		
95	32.2	26.5	39.7	
123	10.9	9.0	13.4	





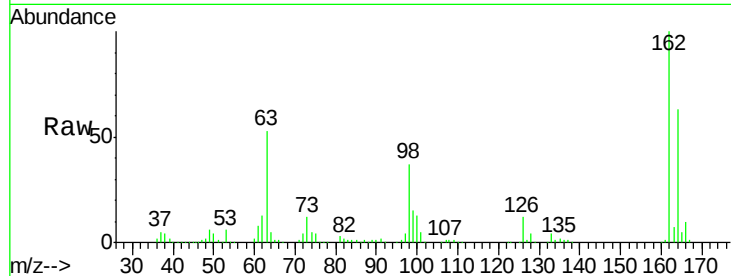
#29
2,4-Dichlorophenol
Concen: 42.82 ng
RT: 7.32 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

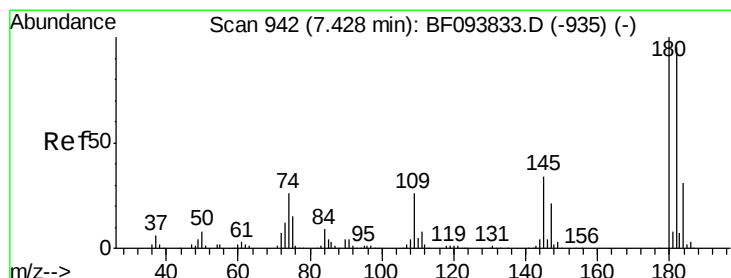
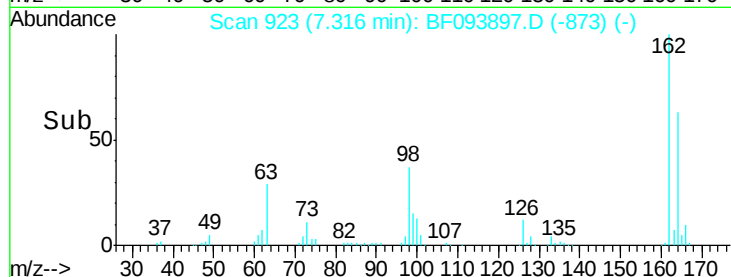
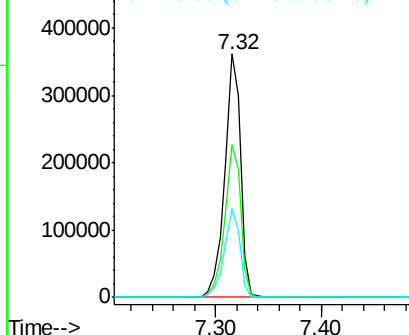
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	377890		
164	62.8	44.6	84.6	
98	36.7	14.8	54.8	

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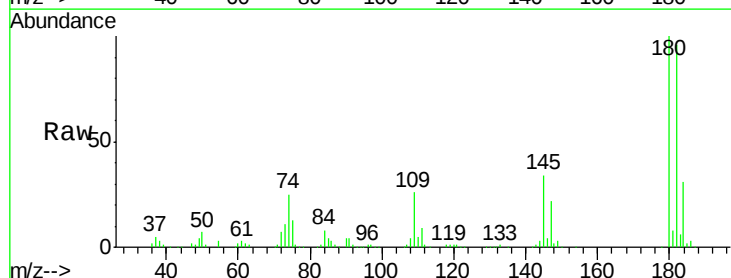


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

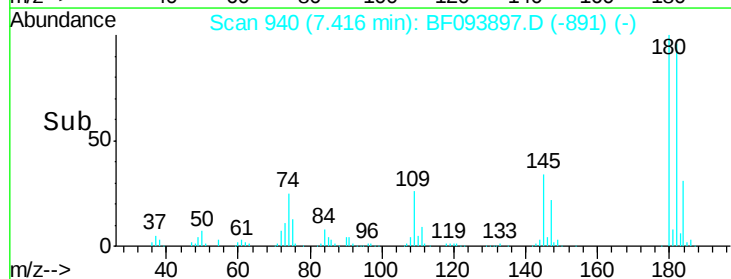
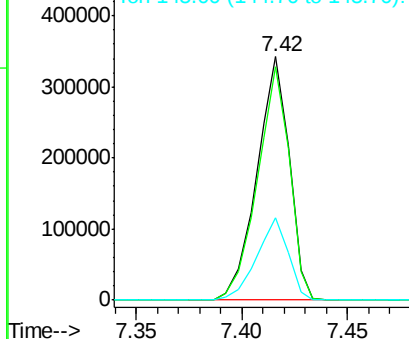


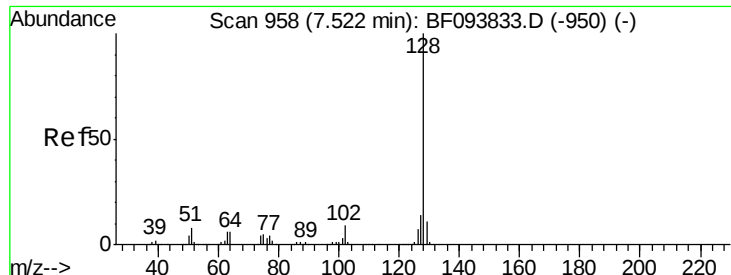
#30
1,2,4-Trichlorobenzene
Concen: 40.09 ng
RT: 7.42 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	364380		
182	96.0	75.8	113.6	
145	33.6	25.3	37.9	



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





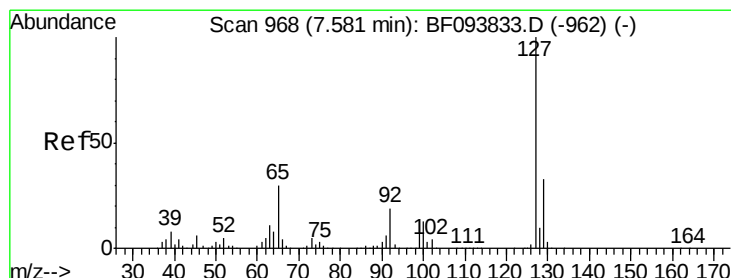
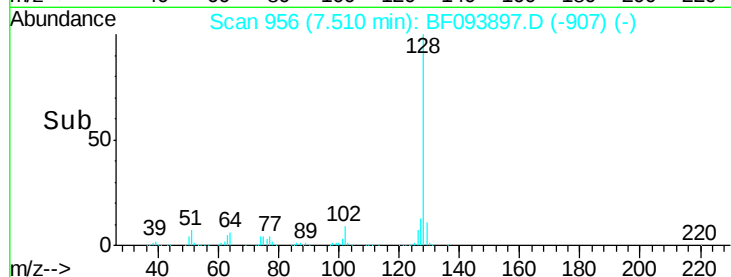
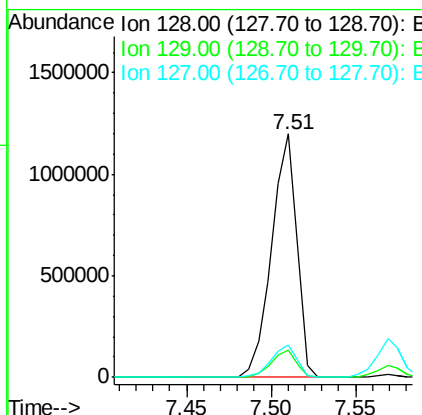
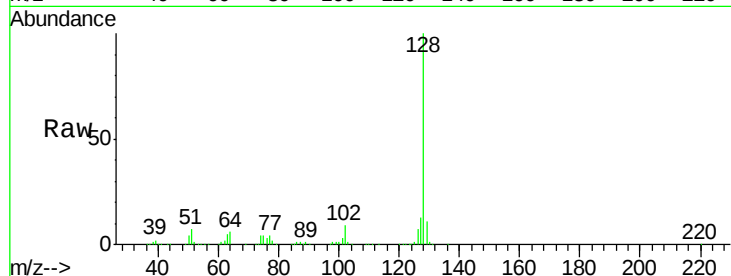
#31
Naphthalene
Concen: 38.67 ng
RT: 7.51 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.5	10.8	16.2

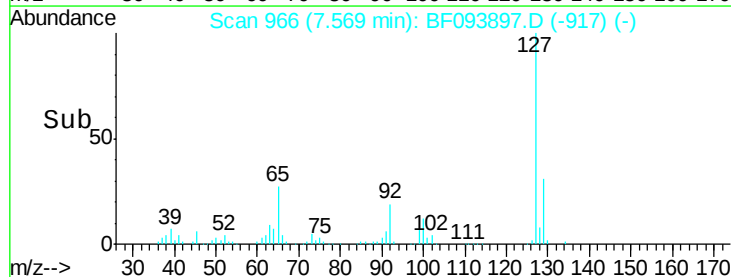
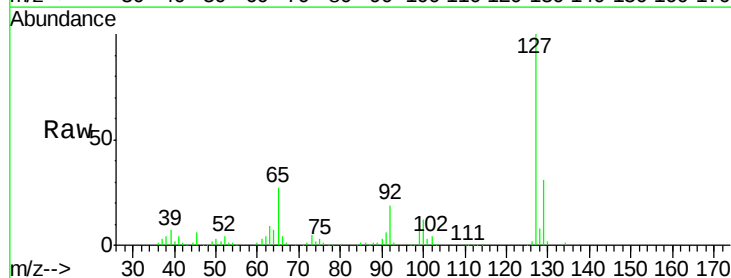
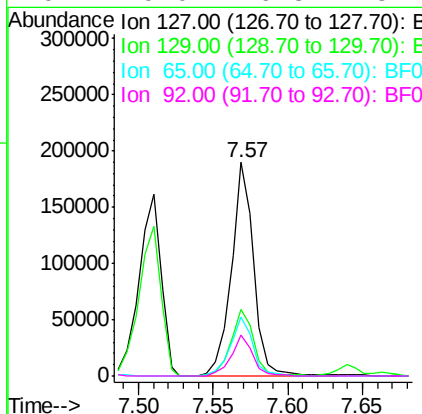
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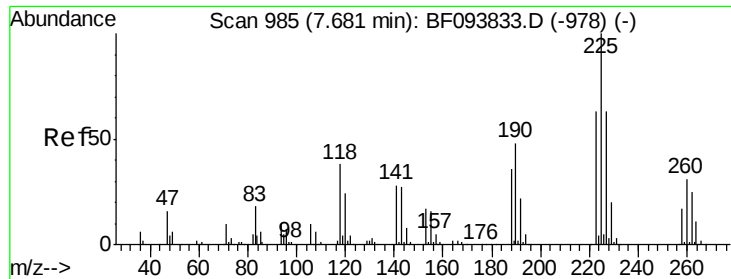
mohammad
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#33
4-Chloroaniline
Concen: 15.44 ng
RT: 7.57 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.2
65	27.5	27.8	41.8#
92	19.0	16.8	25.2





#34

Hexachlorobutadiene

Concen: 38.03 ng

RT: 7.66 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

Instrument :

BNA_F

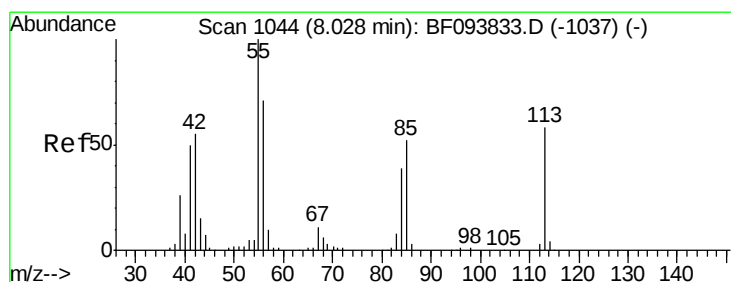
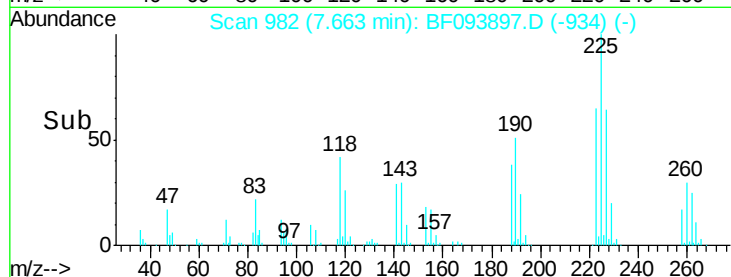
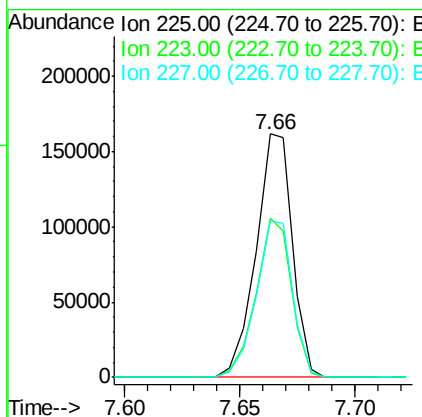
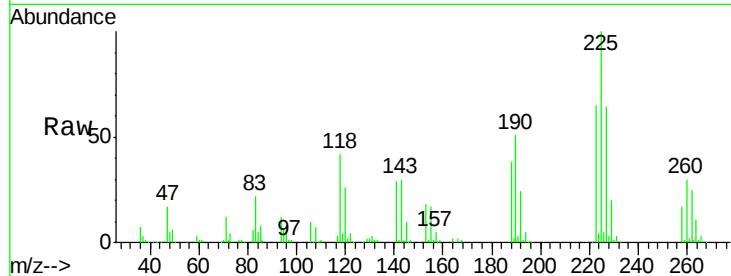
ClientSampleId :

E2-CC-DD-8-9-BASEMSD

Tgt Ion:	225	Resp:	177293
Ion Ratio	Lower	Upper	
225	100		
223	65.1	48.8	73.2
227	64.5	51.1	76.7

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#35

Caprolactam

Concen: 38.99 ng m

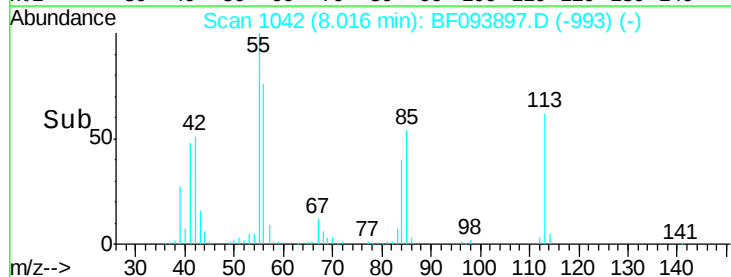
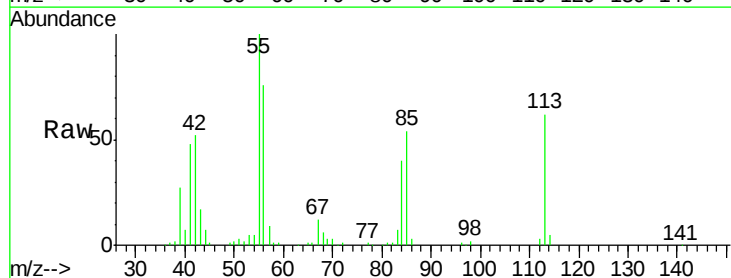
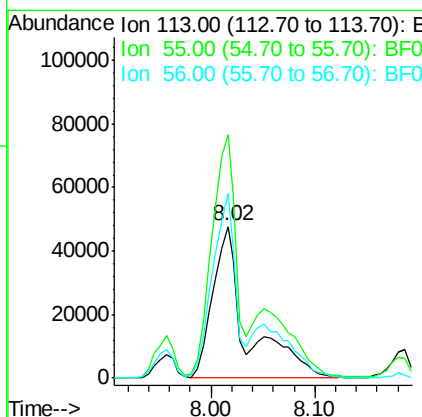
RT: 8.02 min Scan# 1042

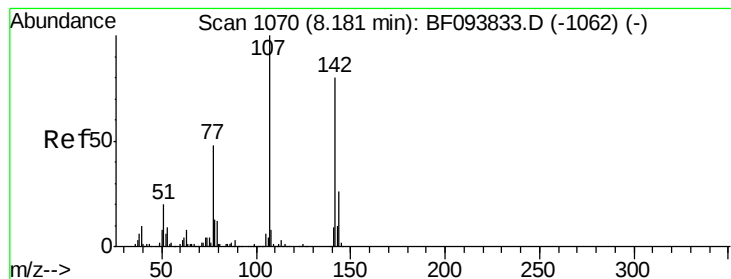
Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

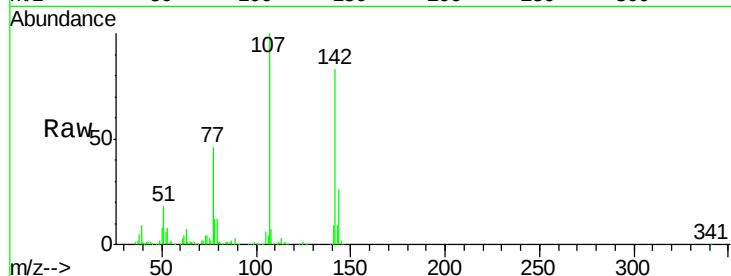
Tgt Ion:	113	Resp:	109726
Ion Ratio	Lower	Upper	
113	100		
55	160.2	150.2	190.2
56	121.5	107.8	147.8





#36
4-Chloro-3-methylphenol
Concen: 42.50 ng
RT: 8.19 min Scan# 1071
Delta R.T. 0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

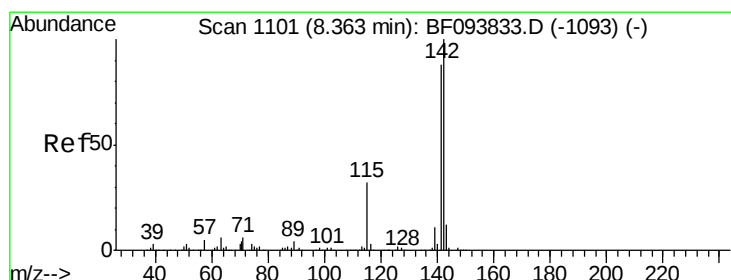
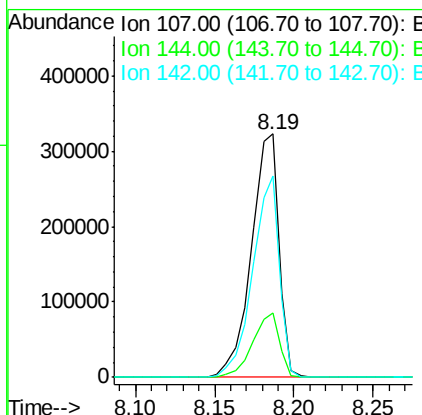
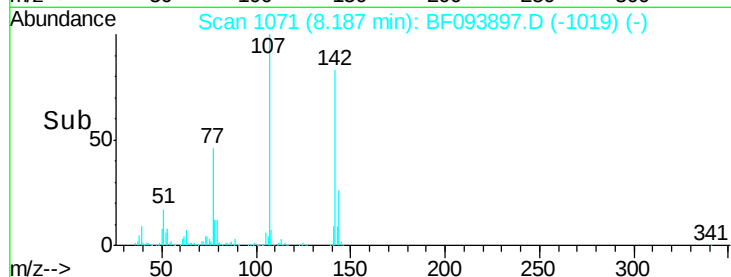
Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD



Tgt Ion:107 Resp: 391927
Ion Ratio Lower Upper
107 100
144 26.4 24.2 36.4
142 82.6 73.4 110.0

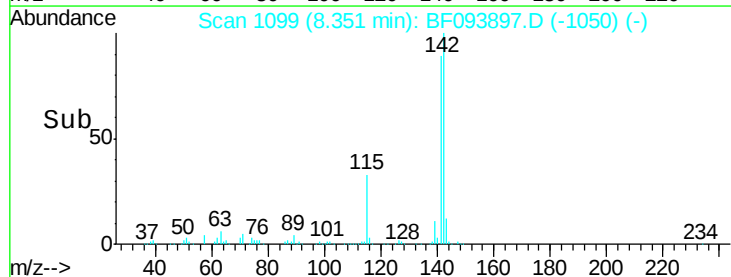
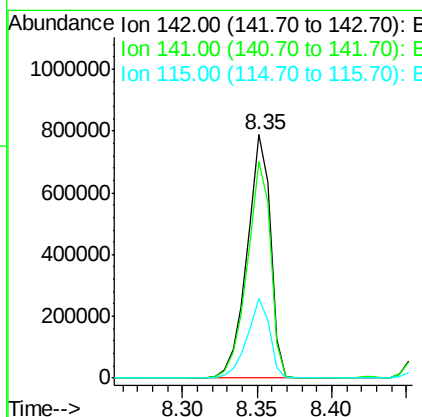
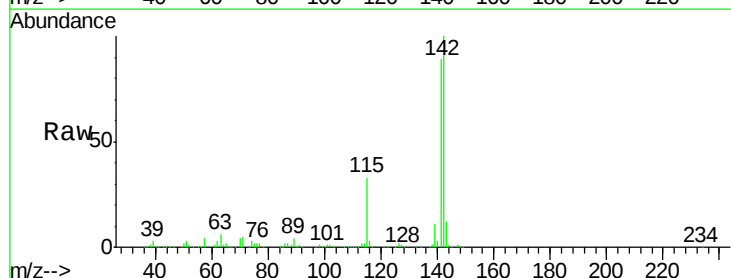
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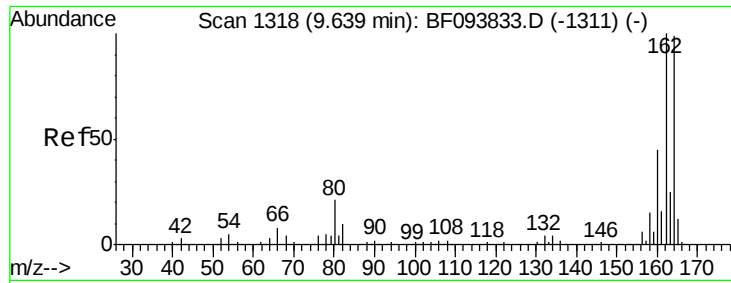
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#37
2-Methylnaphthalene
Concen: 39.92 ng
RT: 8.35 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion:142 Resp: 850428
Ion Ratio Lower Upper
142 100
141 88.8 71.3 106.9
115 32.9 27.1 40.7





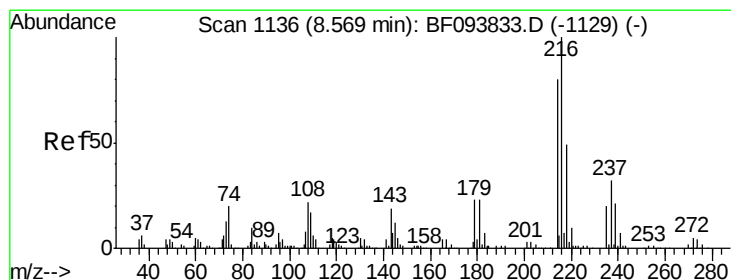
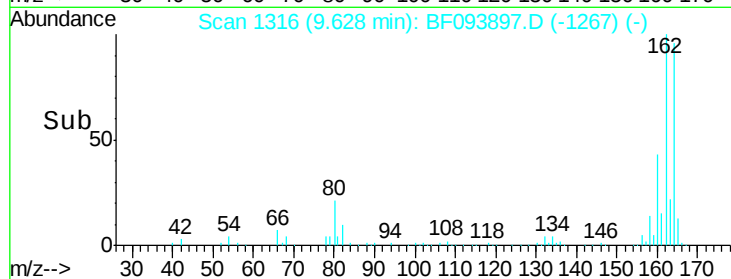
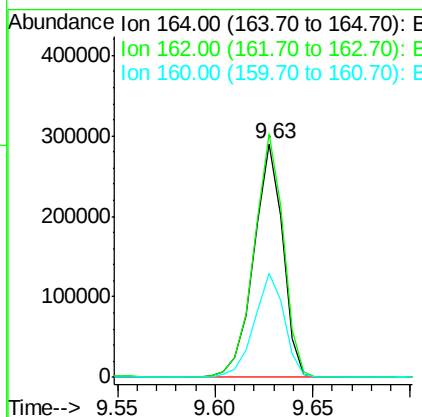
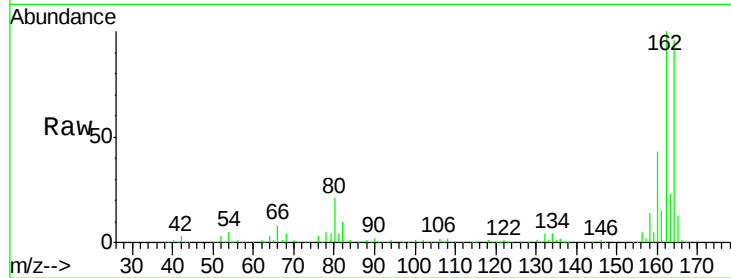
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	298329		
162	104.2	82.6	123.8	
160	44.4	36.2	54.2	

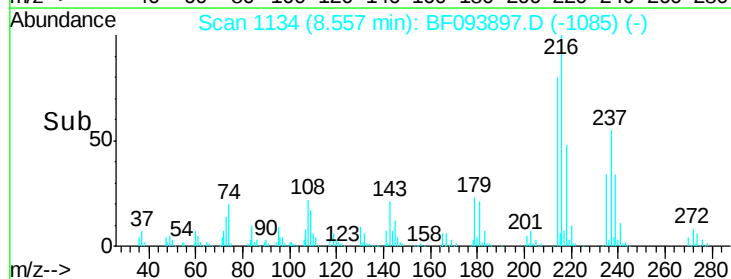
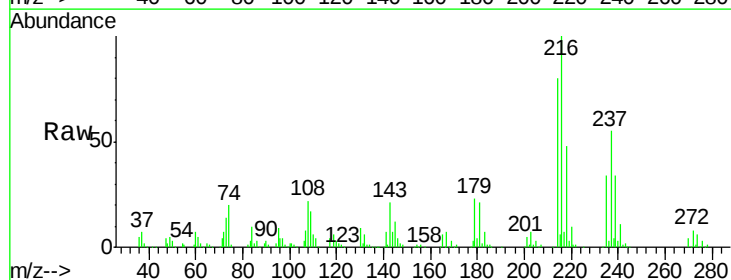
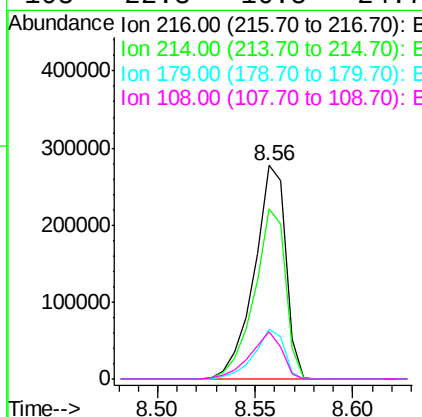
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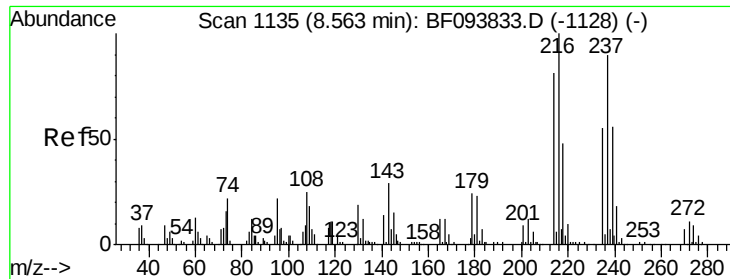
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.03 ng
RT: 8.56 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	310356		
214	79.0	63.4	95.2	
179	22.4	17.9	26.9	
108	22.3	16.5	24.7	





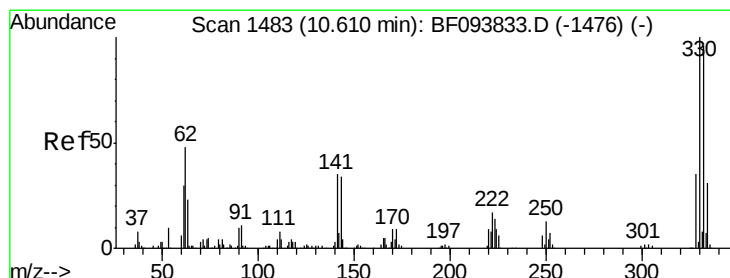
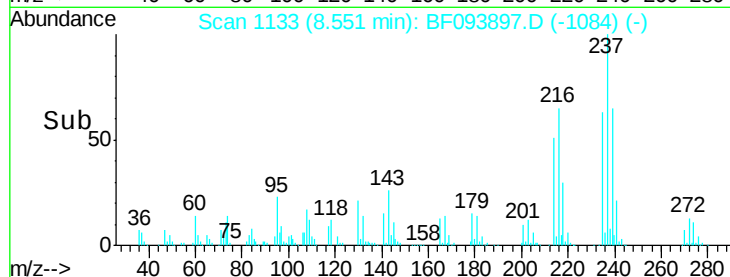
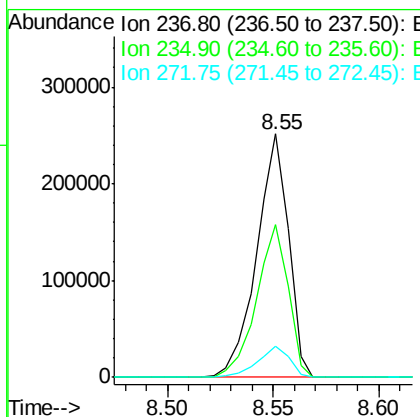
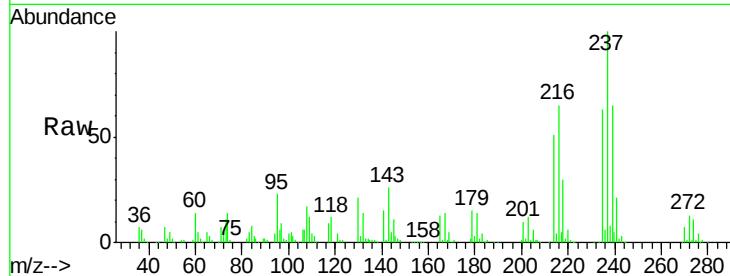
#40
Hexachlorocyclopentadiene
Concen: 68.82 ng
RT: 8.55 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt Ion:	237	Resp:	262817
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.6	82.6
272	13.0	0.0	31.9

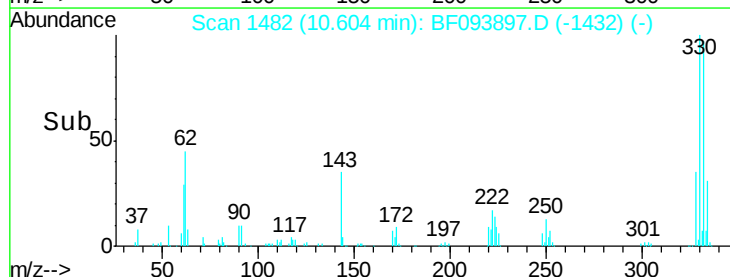
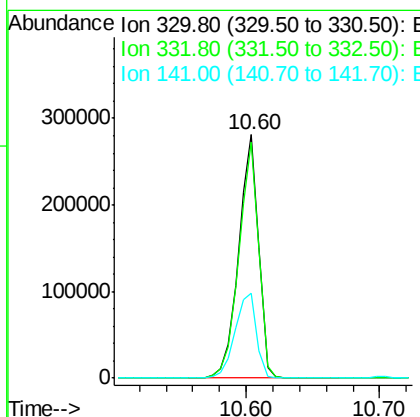
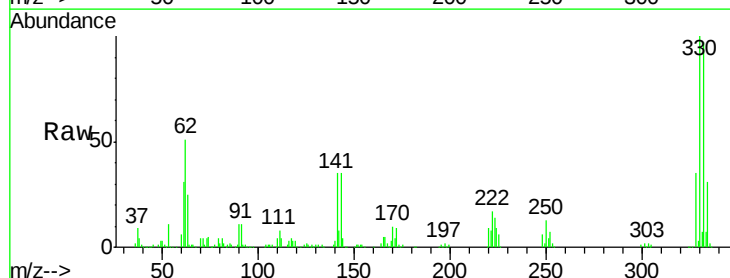
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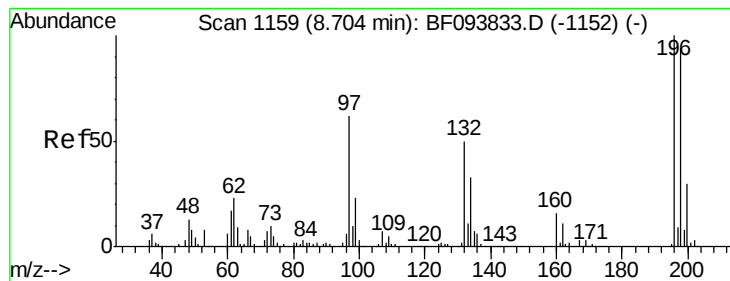
mohammad
3/24/2017 4:10:55 PM



#41
2,4,6-Tribromophenol
Concen: 123.65 ng
RT: 10.60 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion:	330	Resp:	291505
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	115.0
141	38.1	31.4	47.2





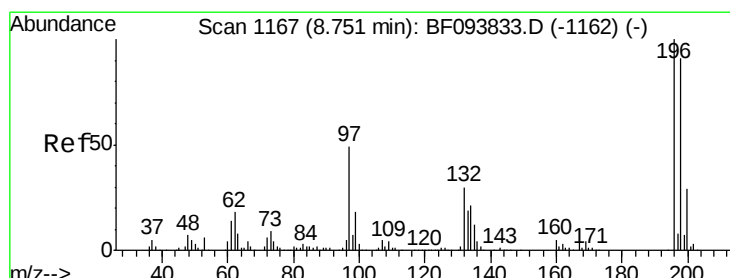
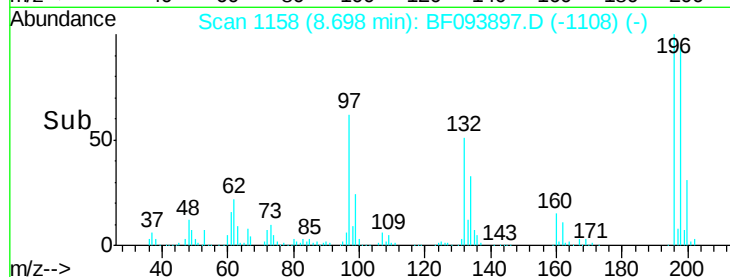
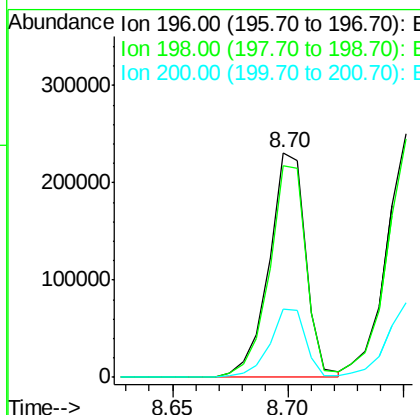
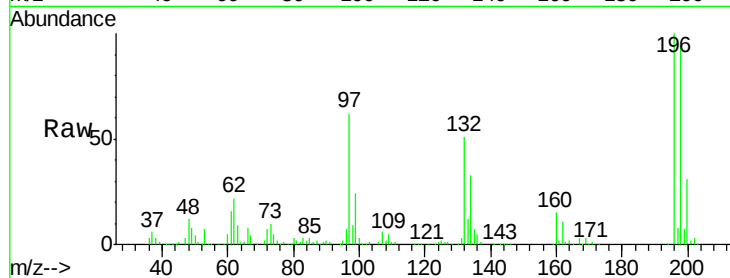
#42
 2,4,6-Trichlorophenol
 Concen: 44.15 ng
 RT: 8.70 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	254924		
198	94.1	74.2	111.4	
200	30.6	24.0	36.0	

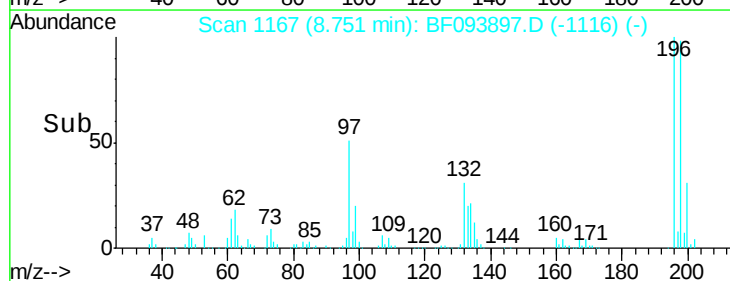
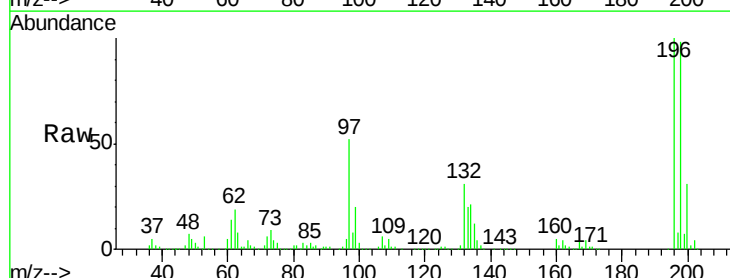
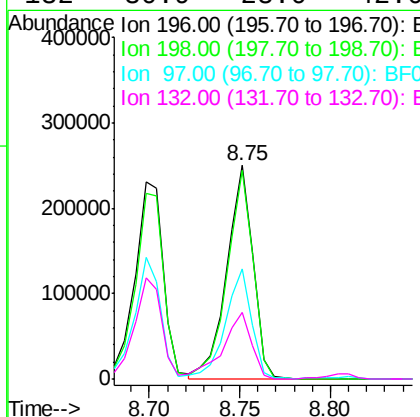
Manual Integrations
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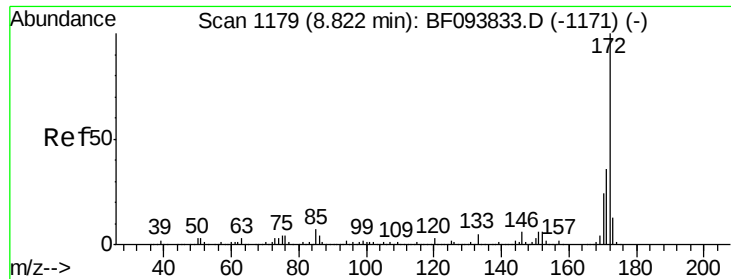
mohammad
 3/24/2017 4:10:55 PM



#43
 2,4,5-Trichlorophenol
 Concen: 40.40 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	252392		
198	97.8	75.7	113.5	
97	51.6	47.7	71.5	
132	30.9	28.0	42.0	





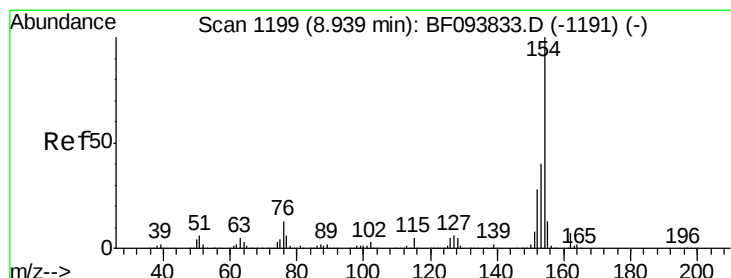
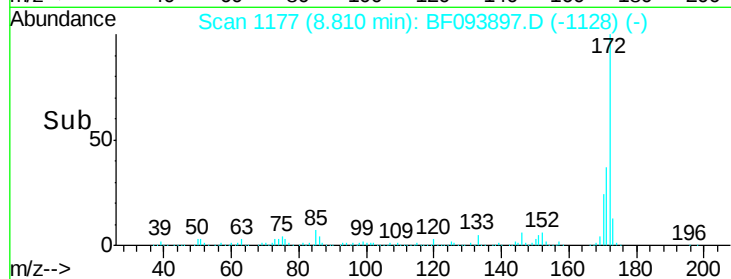
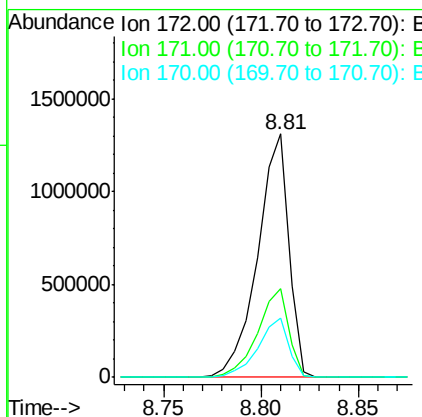
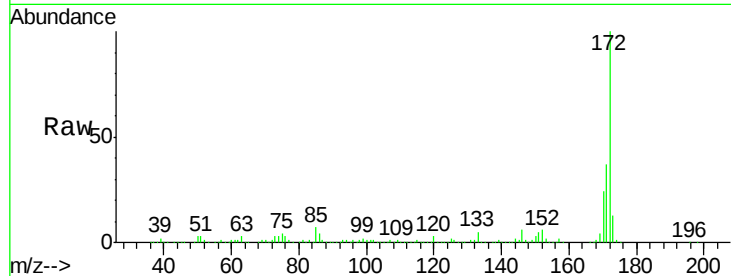
#44
 2-Fluorobiphenyl
 Concen: 74.18 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-8-9-BASEMSD

Tgt Ion:172 Resp: 1450847
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.2 19.8 29.8

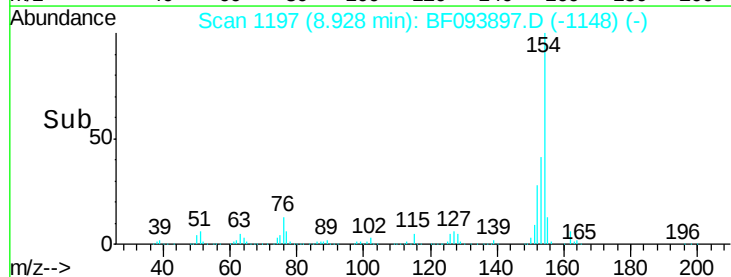
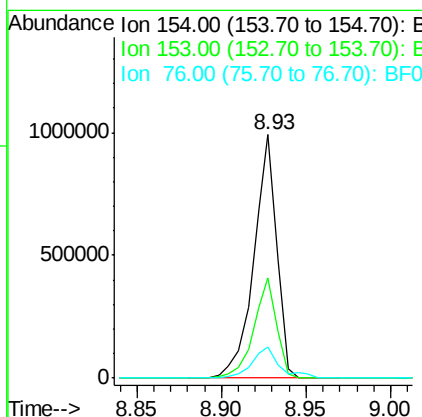
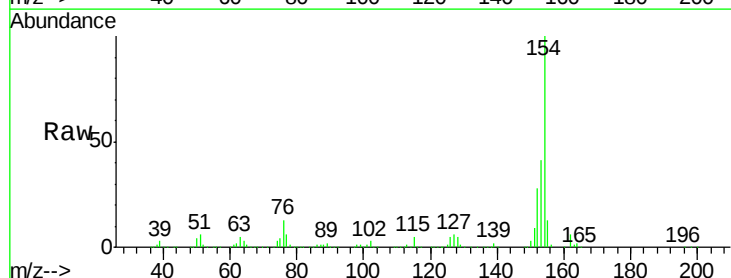
Manual Integrations
 APPROVED

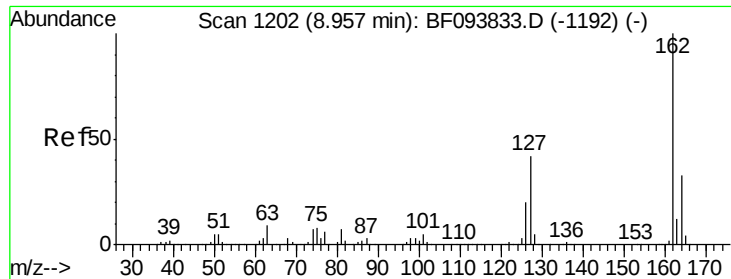
mohammad
 3/24/2017 4:10:55 PM



#45
 1,1'-Biphenyl
 Concen: 39.07 ng
 RT: 8.93 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion:154 Resp: 940175
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.2 61.2
 76 12.8 0.0 29.9





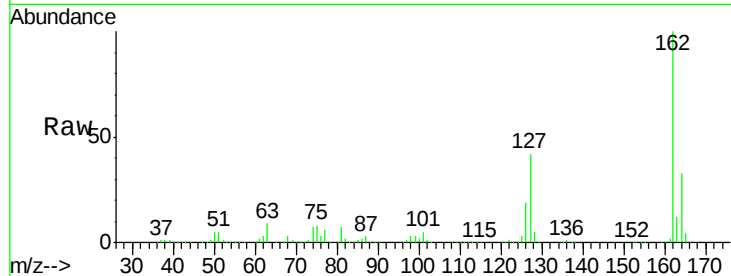
#46
 2-Chloronaphthalene
 Concen: 39.27 ng
 RT: 8.95 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-8-9-BASEMSD

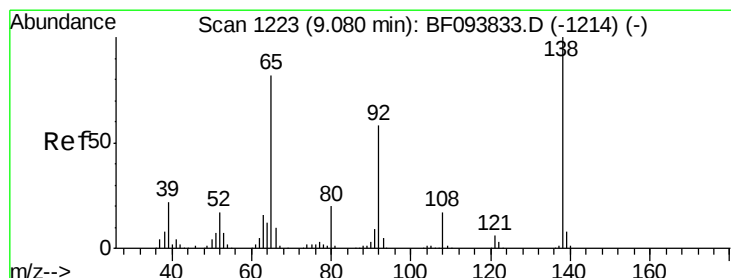
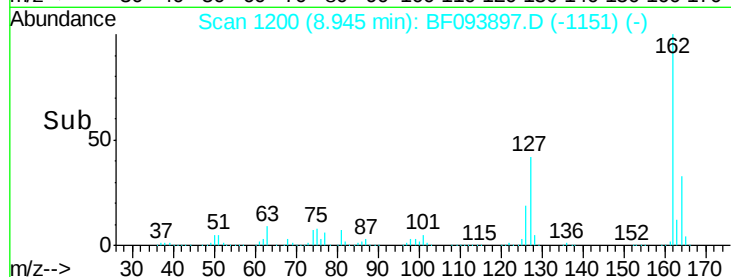
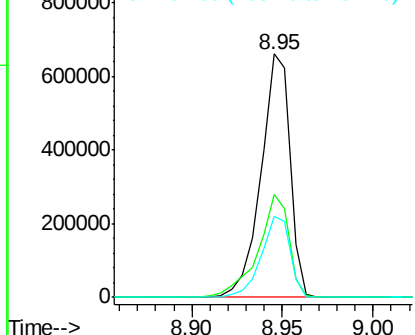
Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.3	28.3	42.5
164	33.0	27.0	40.4

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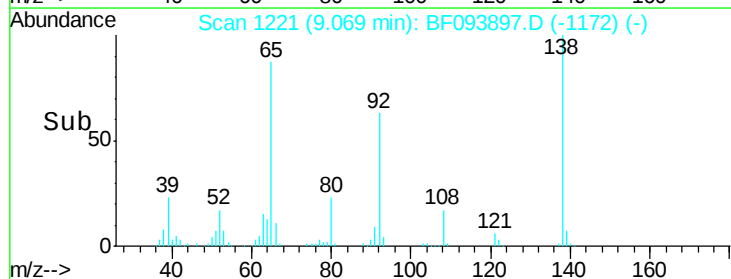
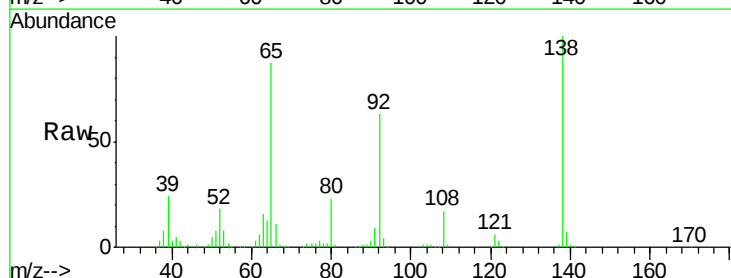
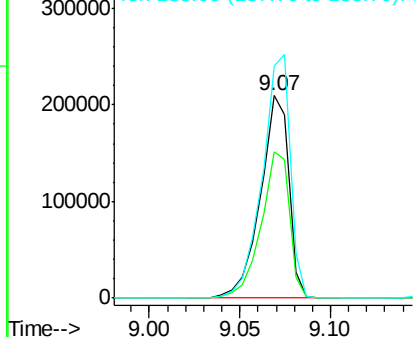
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

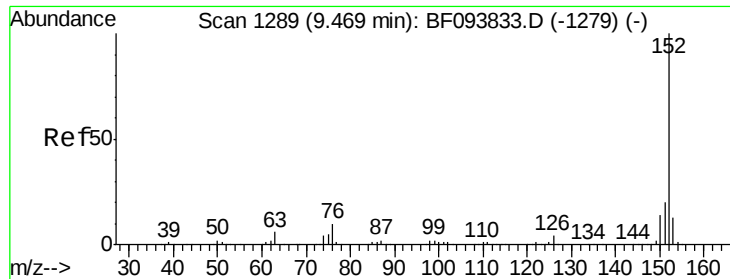


#47
 2-Nitroaniline
 Concen: 40.83 ng
 RT: 9.07 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	53.9	80.9
138	114.8	78.8	118.2

Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 38.09 ng

RT: 9.46 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

Instrument :

BNA_F

ClientSampleId :

E2-CC-DD-8-9-BASEMSD

Tgt Ion:152 Resp: 1192398

Ion Ratio Lower Upper

152 100

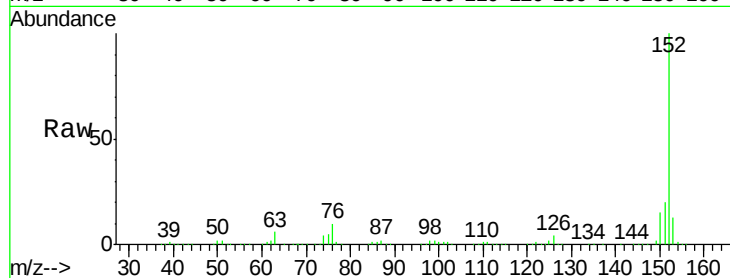
151 20.4 16.8 25.2

153 13.0 10.8 16.2

Manual Integrations
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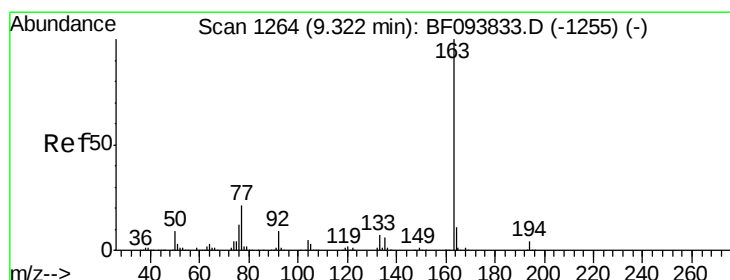
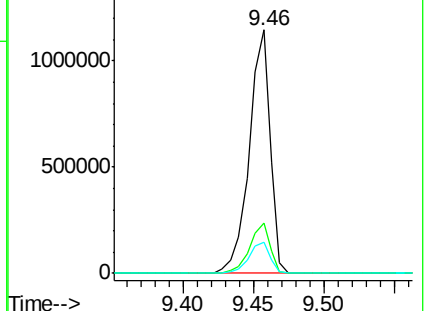
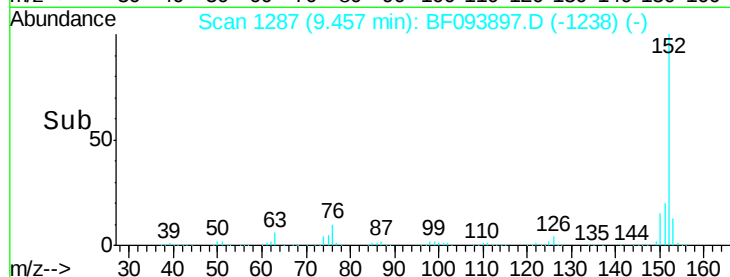
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 49.73 ng

RT: 9.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

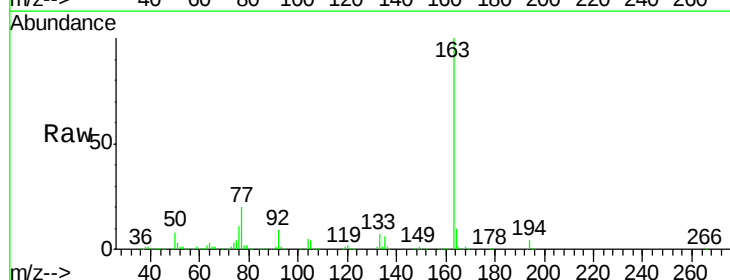
Tgt Ion:163 Resp: 1054651

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

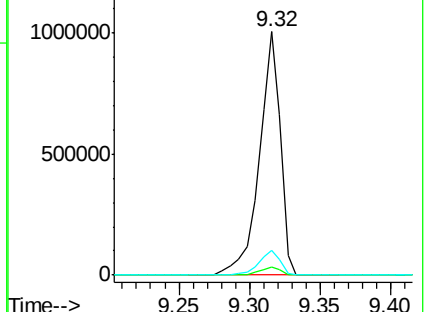
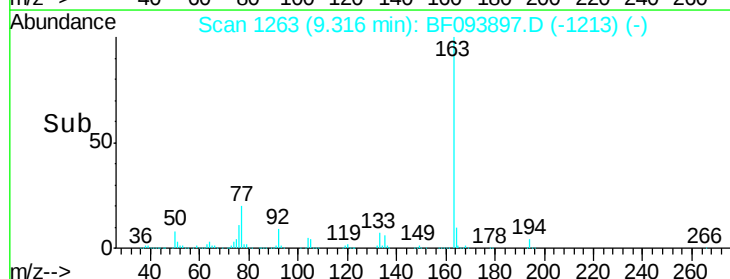
164 10.2 8.4 12.6

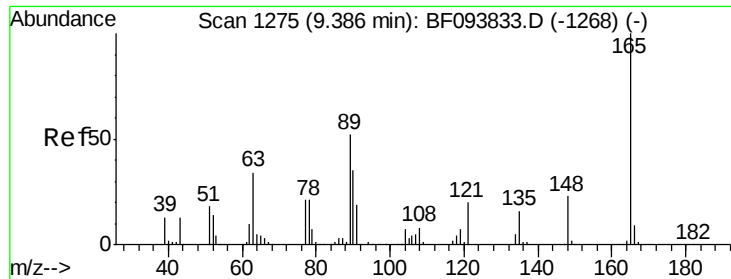


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





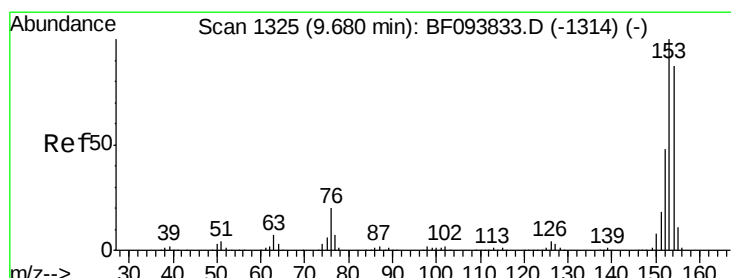
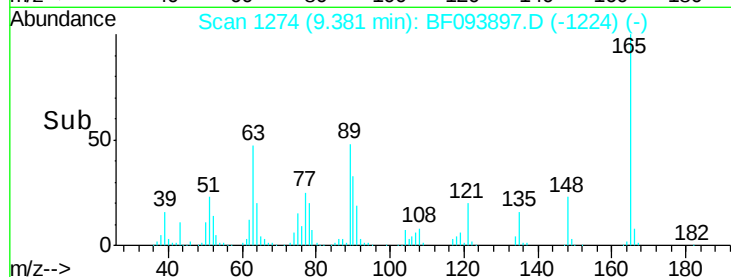
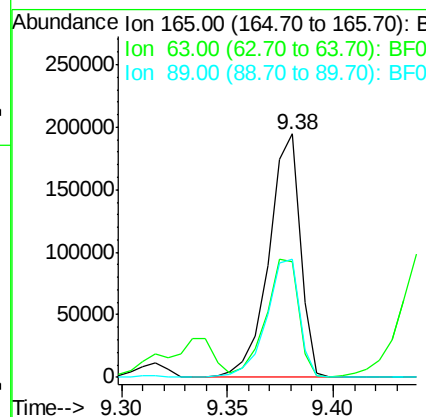
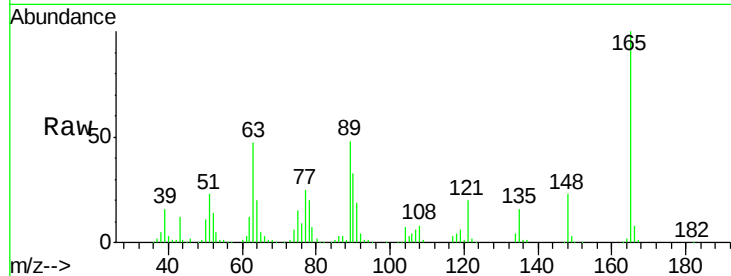
#50
2,6-Dinitrotoluene
Concen: 41.66 ng
RT: 9.38 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	202534		
63	47.3	34.3	51.5	
89	48.3	37.1	55.7	

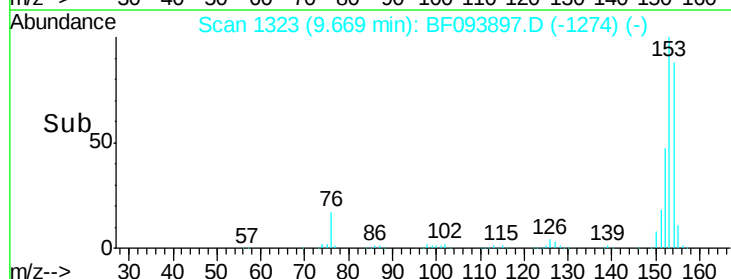
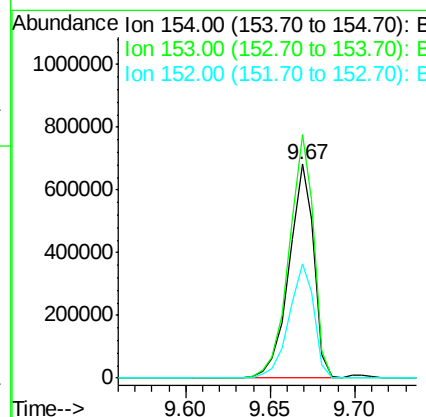
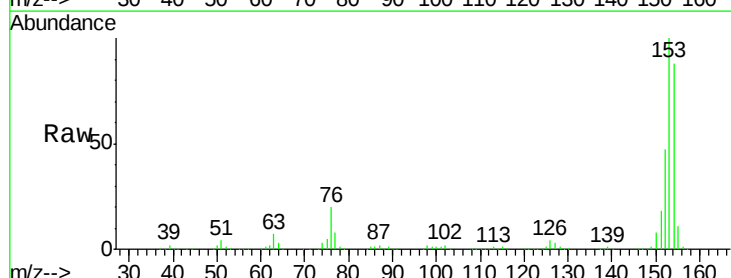
Manual Integrations
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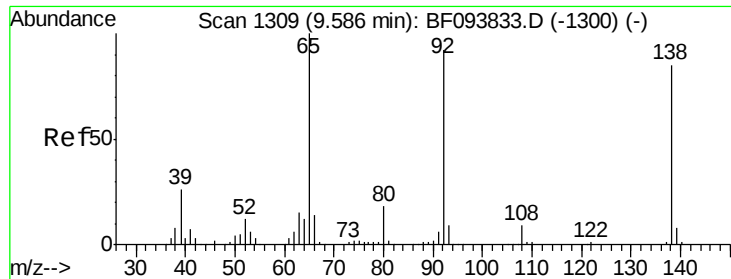
mohammad
3/24/2017 4:10:55 PM



#51
Acenaphthene
Concen: 38.25 ng
RT: 9.67 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	698741		
153	113.9	90.5	135.7	
152	53.8	43.6	65.4	





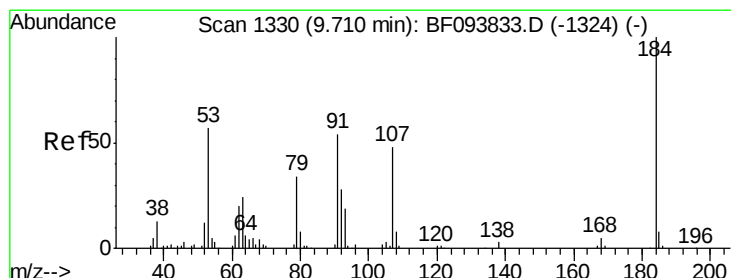
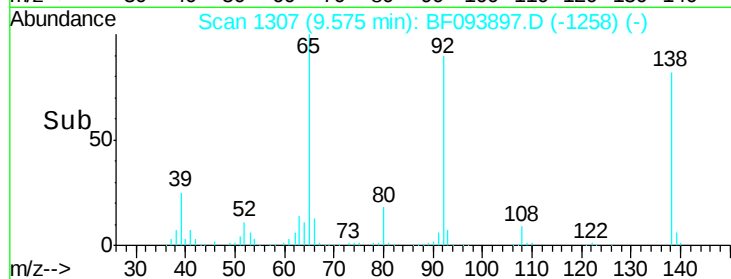
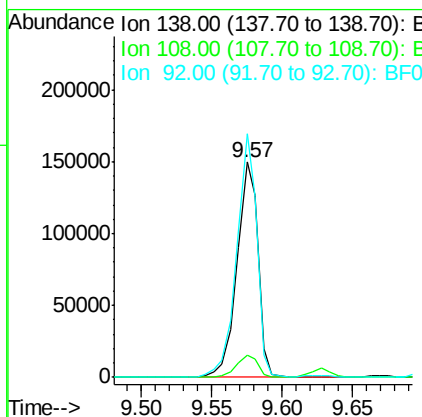
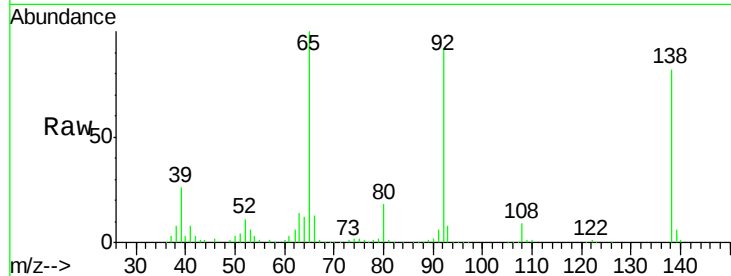
#52
 3-Nitroaniline
 Concen: 27.11 ng
 RT: 9.57 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.1	13.7
92	113.0	93.8	140.6

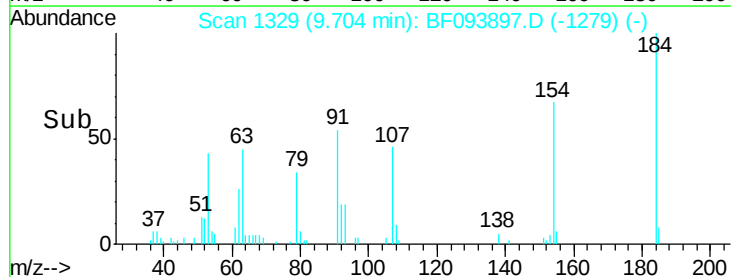
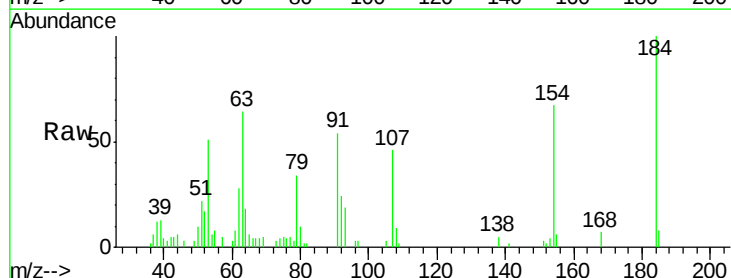
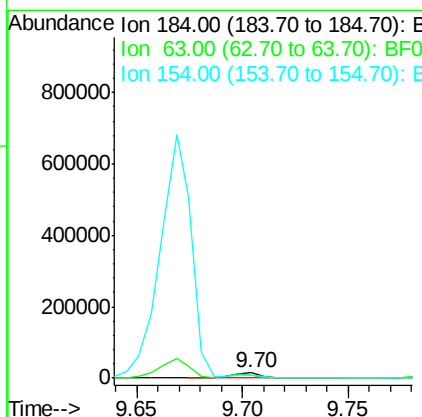
Manual Integrations
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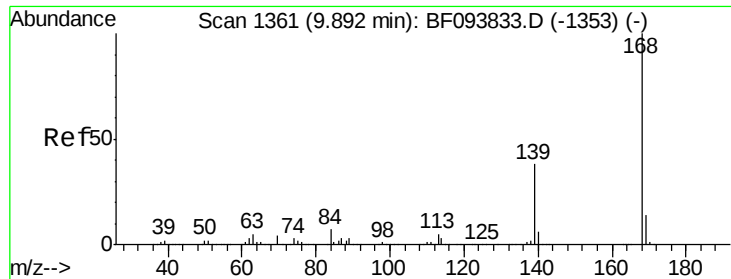
mohammad
 3/24/2017 4:10:55 PM



#53
 2,4-Dinitrophenol
 Concen: 9.80 ng
 RT: 9.70 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.4	62.7	94.1
154	67.0	81.1	121.7#





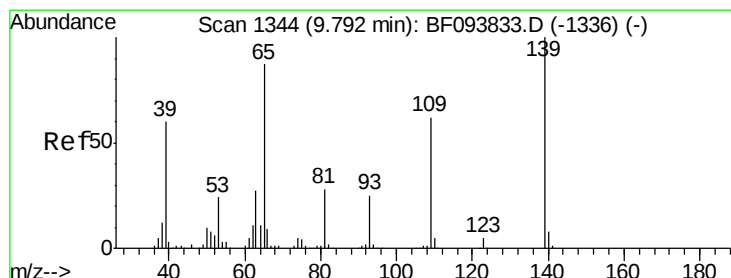
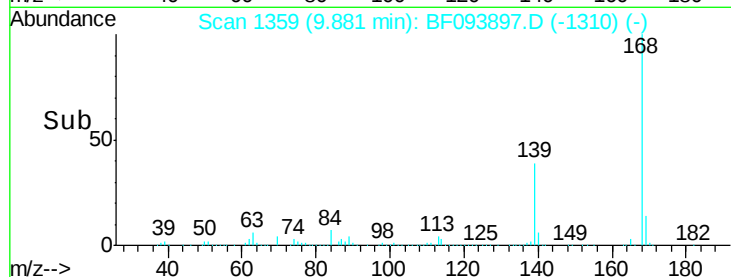
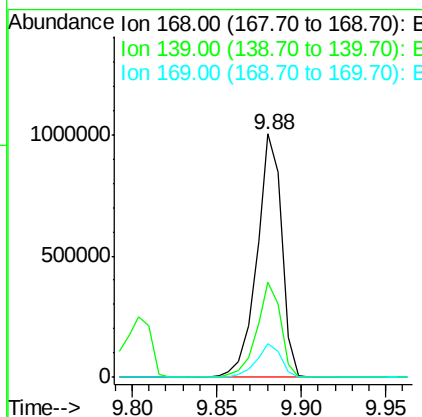
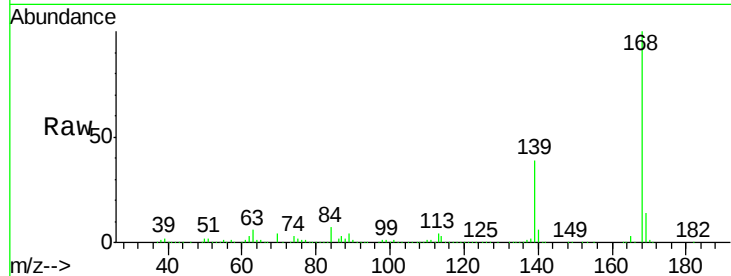
#54
Dibenzofuran
Concen: 41.05 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt Ion:168 Resp: 1020793
Ion Ratio Lower Upper
168 100
139 39.1 30.6 45.8
169 14.0 10.8 16.2

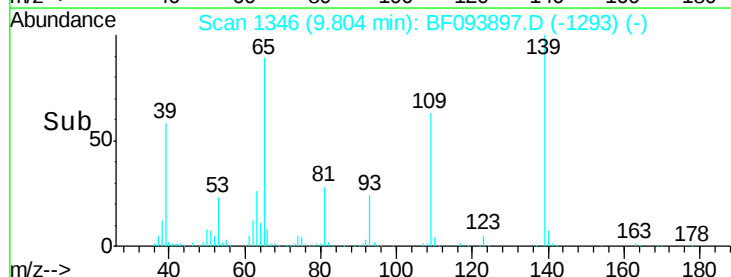
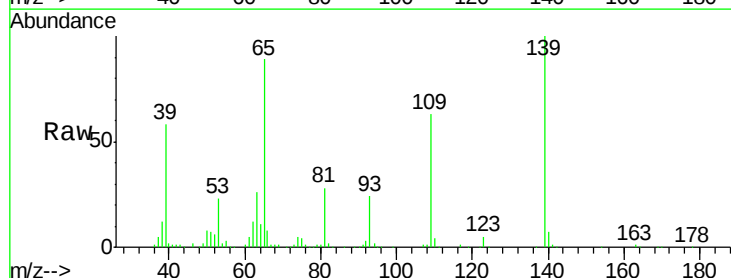
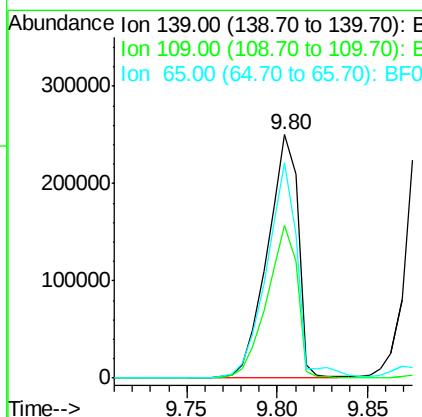
Manual Integrations
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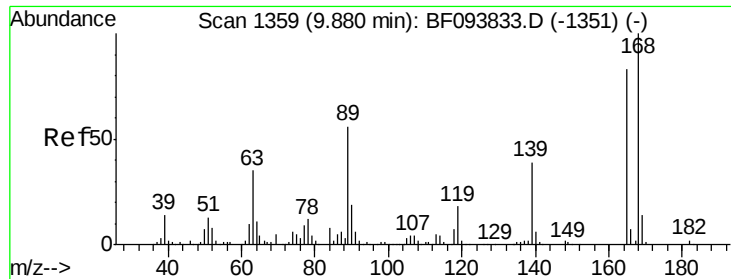
mohammad
3/24/2017 4:10:55 PM



#55
4-Nitrophenol
Concen: 65.80 ng
RT: 9.80 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion:139 Resp: 294173
Ion Ratio Lower Upper
139 100
109 62.8 34.1 74.1
65 88.8 31.4 71.4#





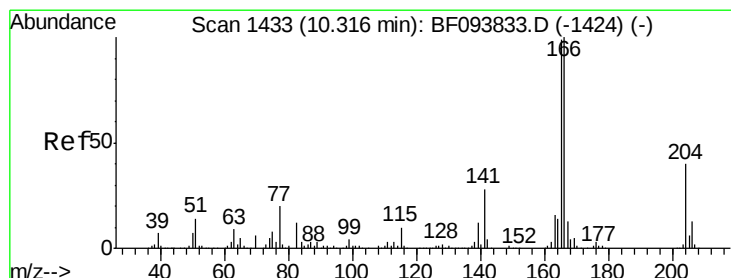
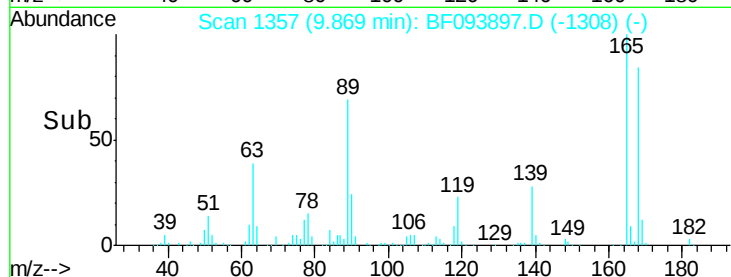
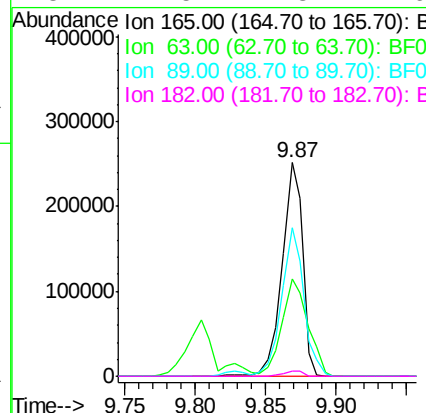
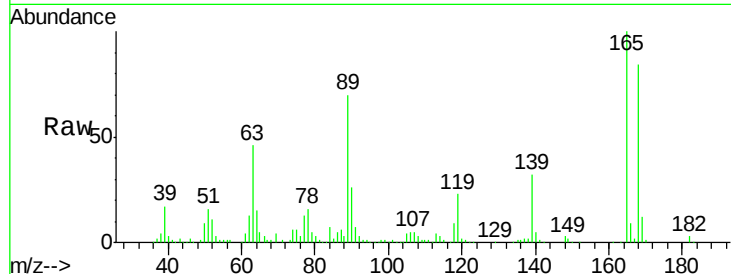
#56
2,4-Dinitrotoluene
Concen: 41.73 ng
RT: 9.87 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.8	25.4	38.0#
89	69.6	46.4	69.6
182	2.5	1.8	2.6

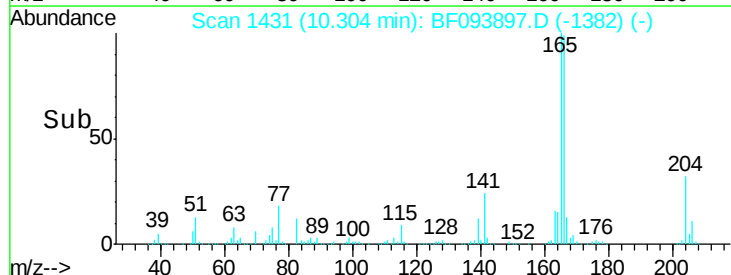
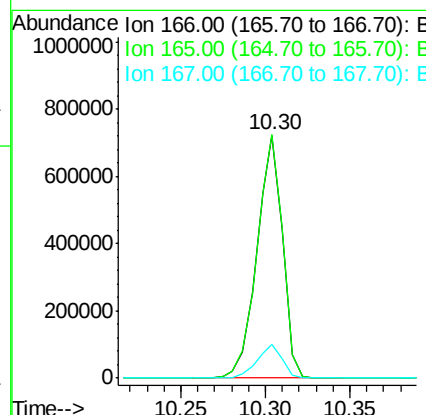
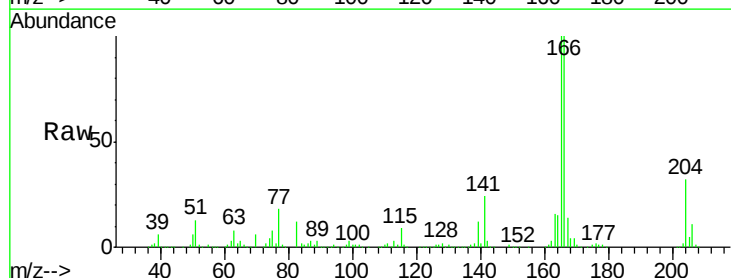
Manual Integrations
APPROVED

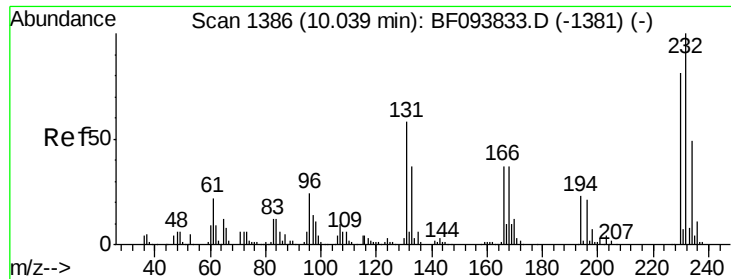
mohammad
3/24/2017 4:10:55 PM



#57
Fluorene
Concen: 36.91 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	100.2	78.8	118.2
167	13.6	10.6	16.0





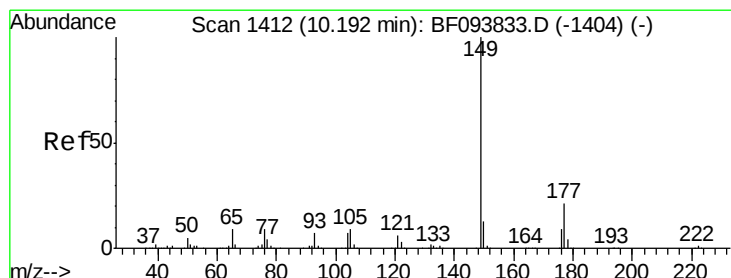
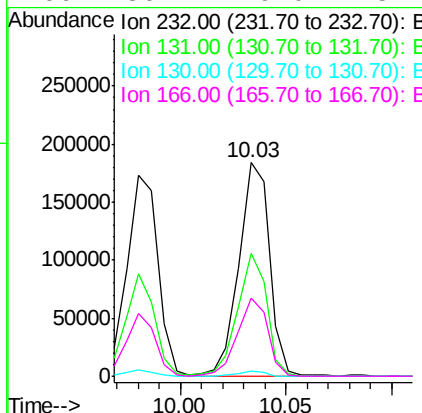
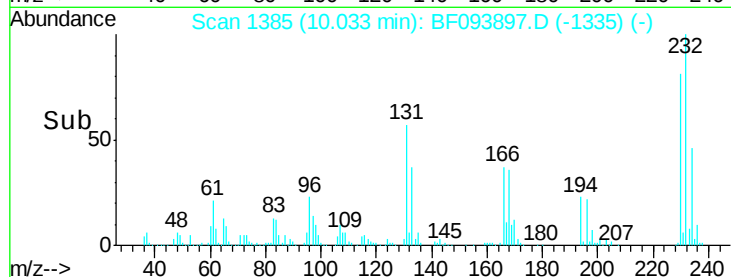
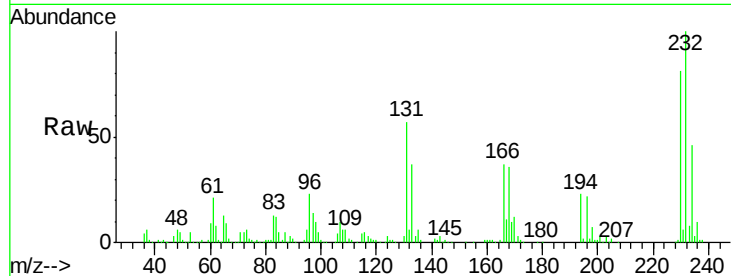
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.14 ng
 RT: 10.03 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-8-9-BASEMSD

Tgt Ion:	232	Resp:	184925
Ion Ratio	Lower	Upper	
232	100		
131	55.2	44.8	67.2
130	2.5	2.3	3.5
166	36.2	29.0	43.4

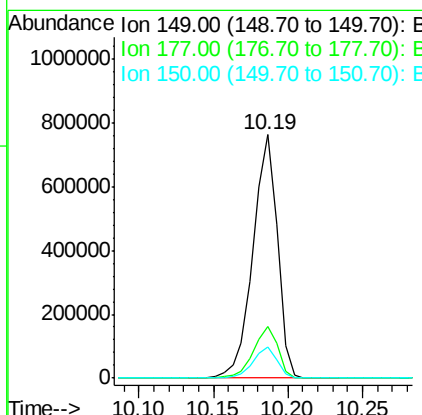
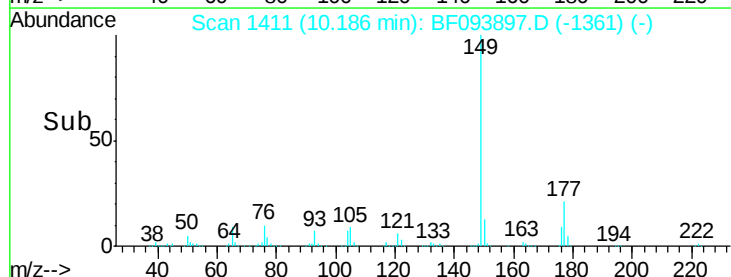
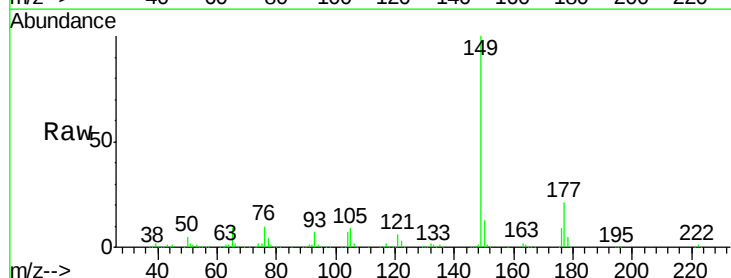
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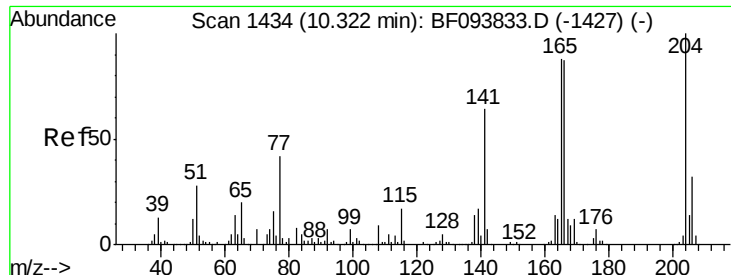
mohammad
 3/24/2017 4:10:55 PM



#59
 Diethylphthalate
 Concen: 41.01 ng
 RT: 10.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion:	149	Resp:	859591
Ion Ratio	Lower	Upper	
149	100		
177	21.1	16.7	25.1
150	12.6	10.2	15.2





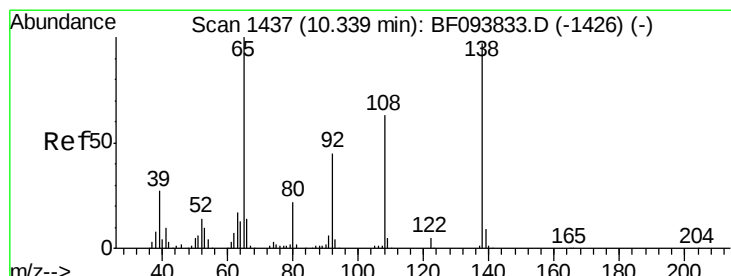
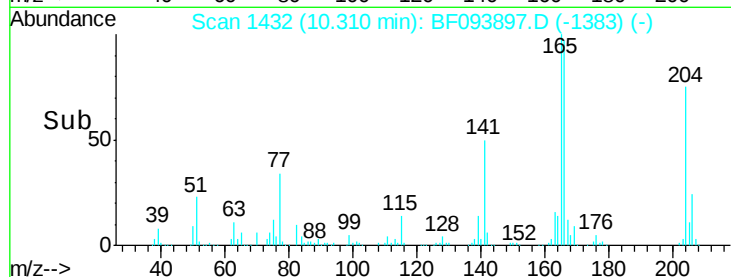
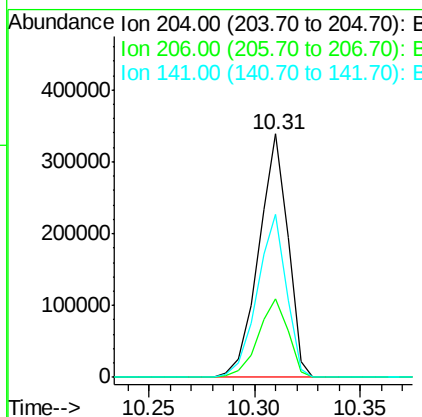
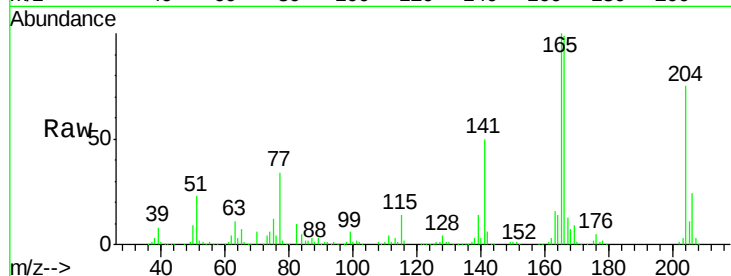
#60
 4-Chlorophenyl-phenylether
 Concen: 37.14 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	67.2	60.8	91.2

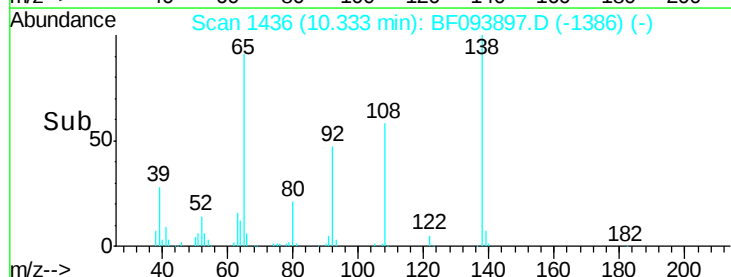
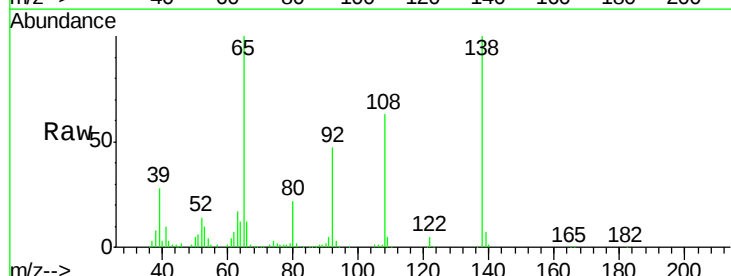
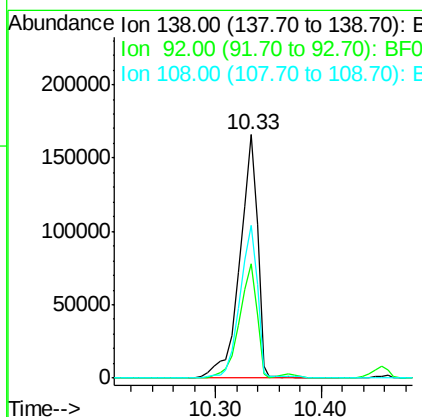
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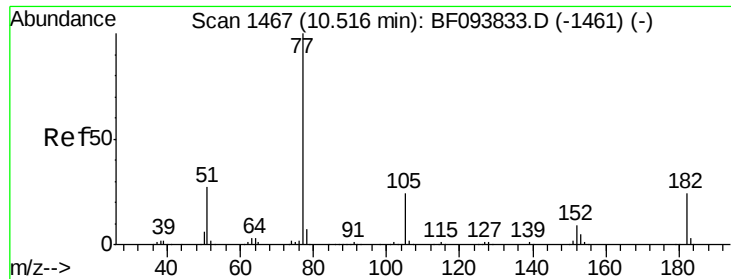
mohammad
 3/24/2017 4:10:55 PM



#61
 4-Nitroaniline
 Concen: 34.87 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.2	21.8	61.8
108	62.9	42.3	82.3





#62

Azobenzene

Concen: 40.87 ng

RT: 10.50 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF093897.D

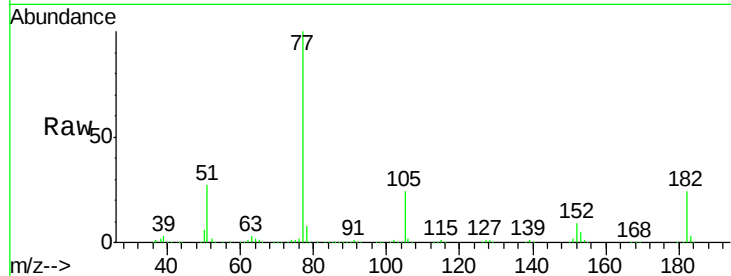
Acq: 24 Mar 2017 00:04

Instrument :

BNA_F

ClientSampleId :

E2-CC-DD-8-9-BAEMSD



Tgt Ion: 77 Resp: 810386

Ion Ratio Lower Upper

77 100

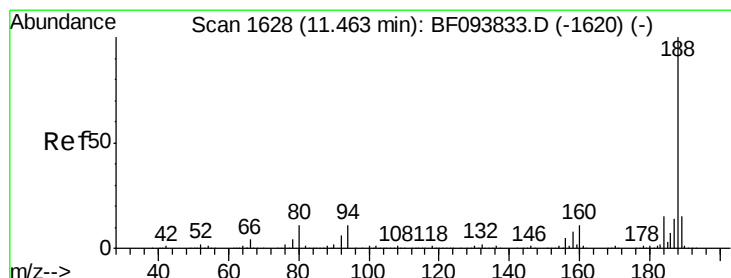
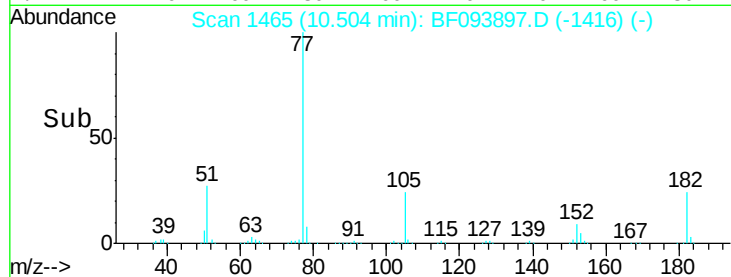
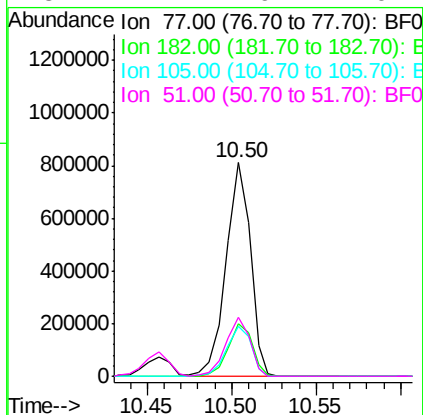
182 24.5 0.1 40.1

105 23.7 3.6 43.6

51 27.4 9.4 49.4

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

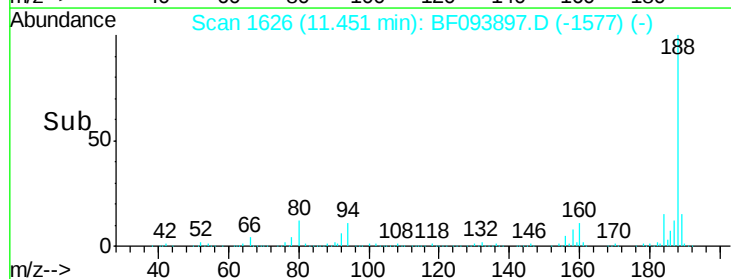
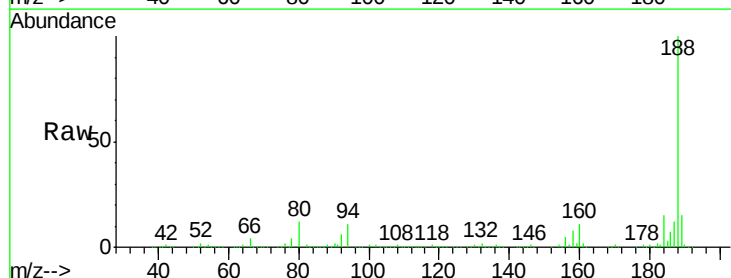
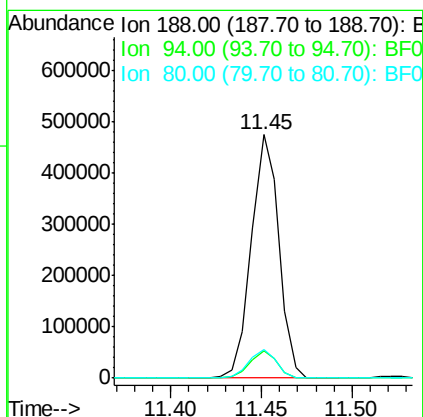
Tgt Ion: 188 Resp: 500895

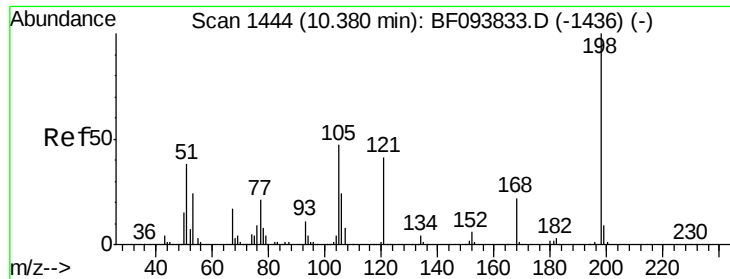
Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

80 11.6 10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 27.49 ng

RT: 10.37 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

Instrument :

BNA_F

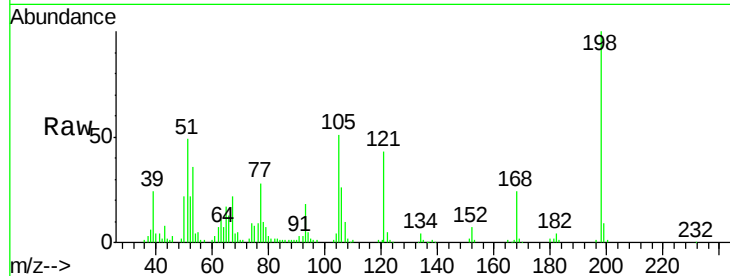
ClientSampleId :

E2-CC-DD-8-9-BAEMSD

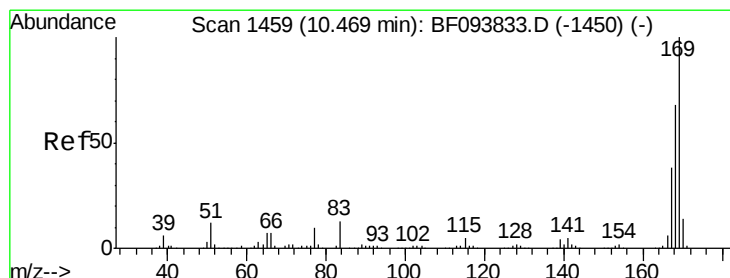
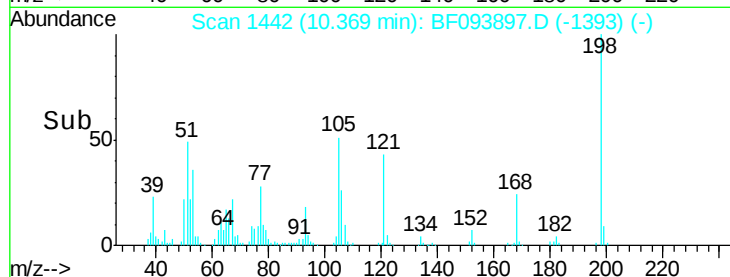
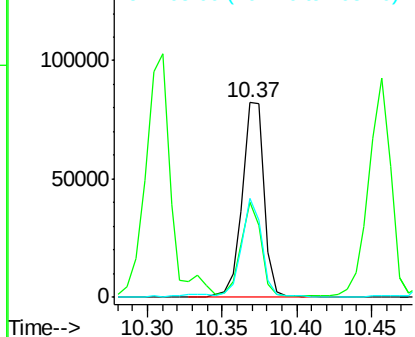
Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.2	53.2	93.2#
105	51.3	45.8	85.8

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 41.13 ng

RT: 10.46 min Scan# 1457

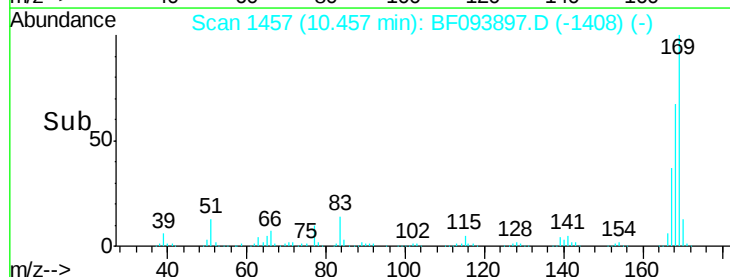
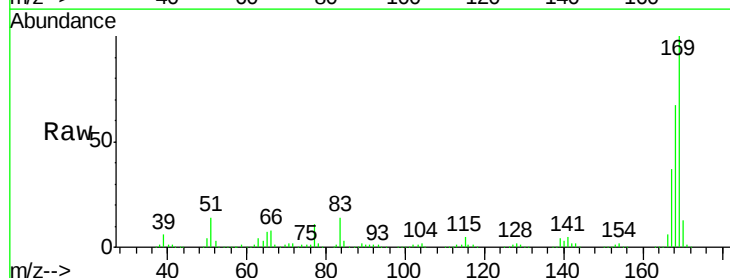
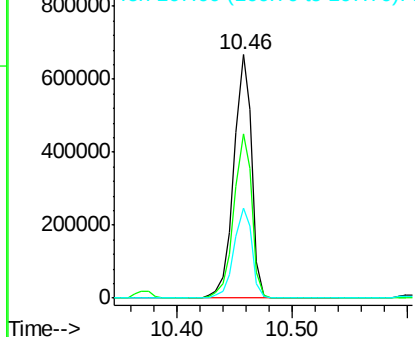
Delta R.T. -0.01 min

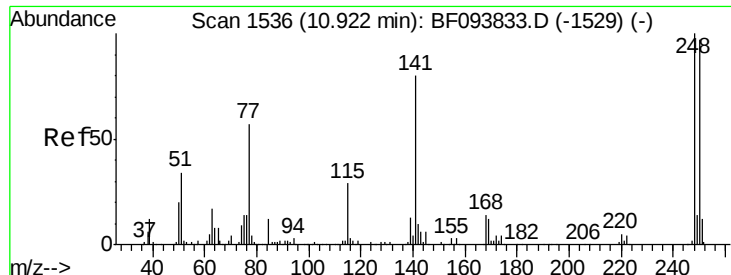
Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	37.0	29.5	44.3

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





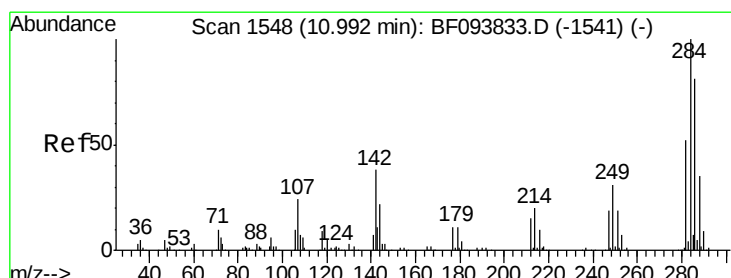
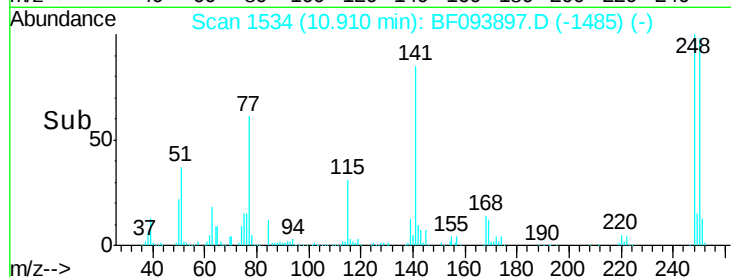
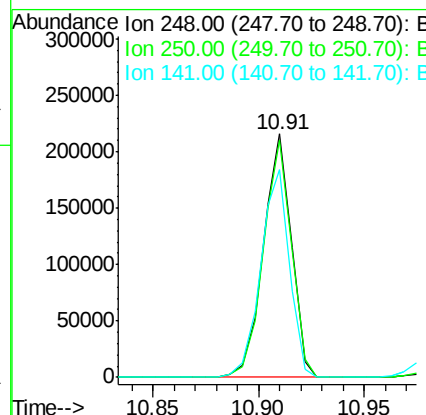
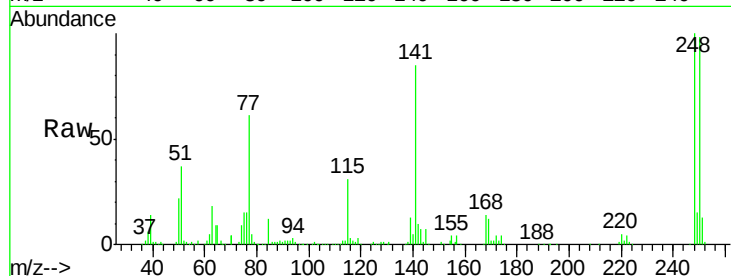
#66
4-Bromophenyl-phenylether
Concen: 40.47 ng
RT: 10.91 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	199350		
250	97.7	76.8	115.2	
141	85.4	68.6	103.0	

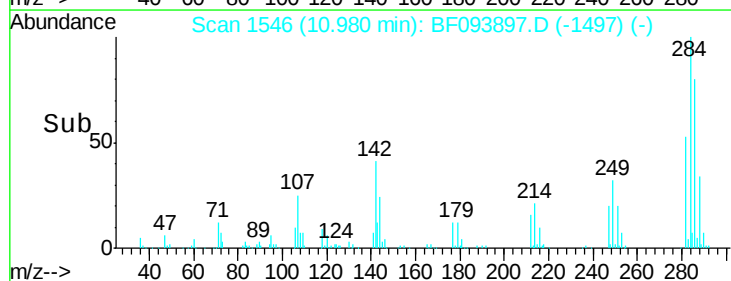
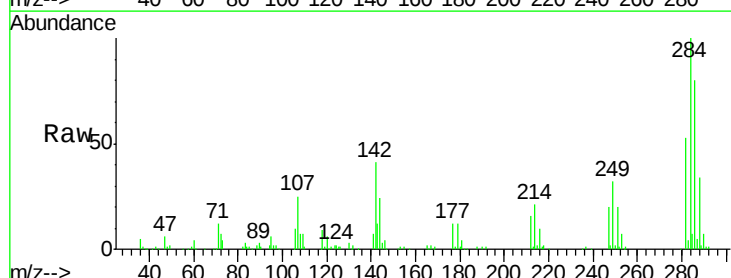
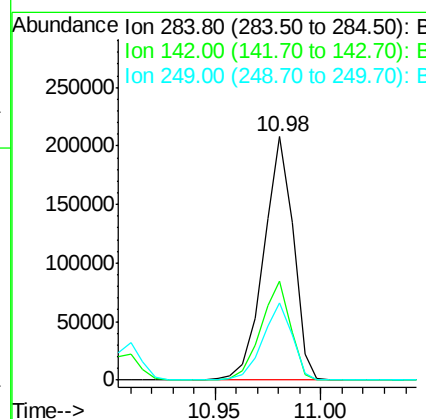
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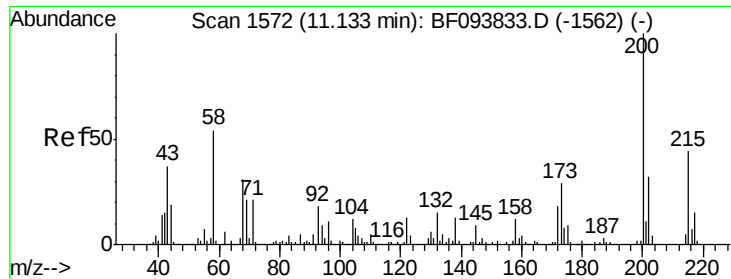
mohammad
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#67
Hexachlorobenzene
Concen: 40.79 ng
RT: 10.98 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	203413		
142	40.8	22.8	34.2#	
249	31.6	24.0	36.0	





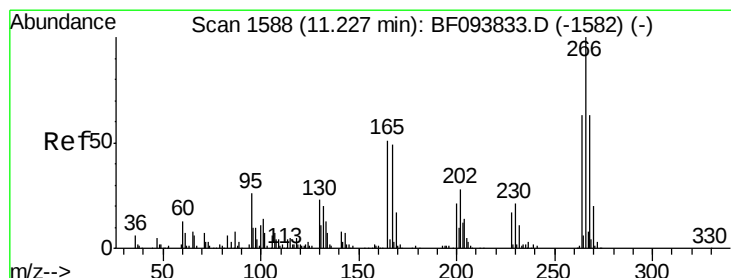
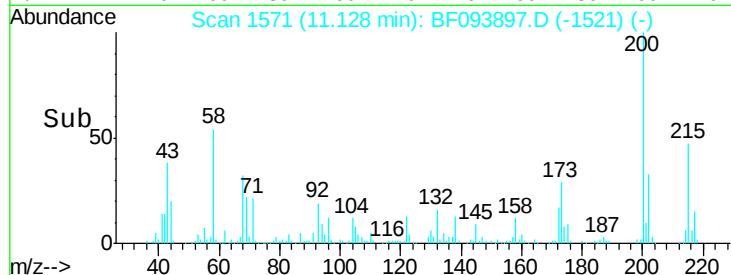
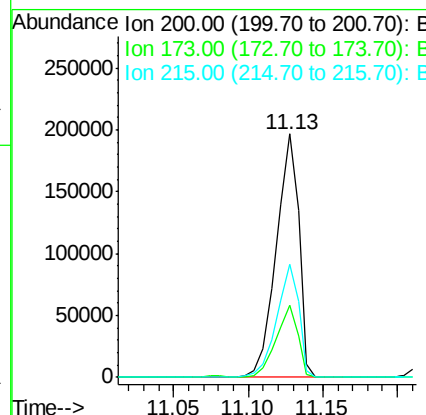
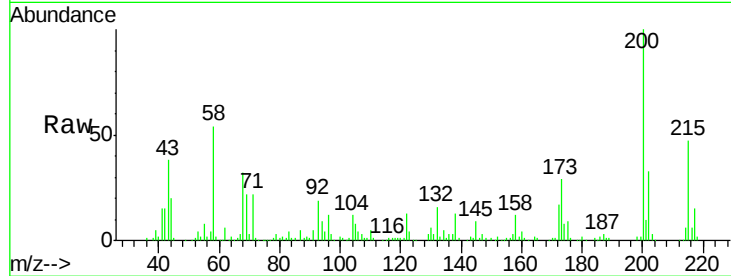
#68
 Atrazine
 Concen: 39.97 ng
 RT: 11.13 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.5	6.3	46.3
215	46.5	27.2	67.2

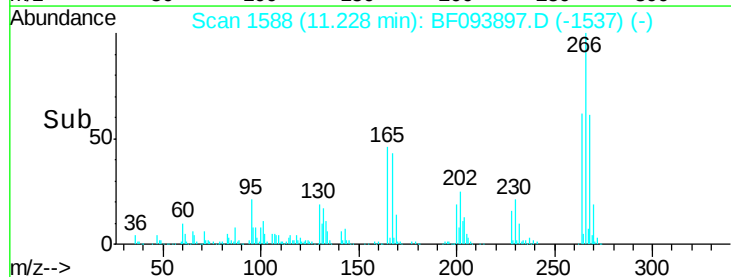
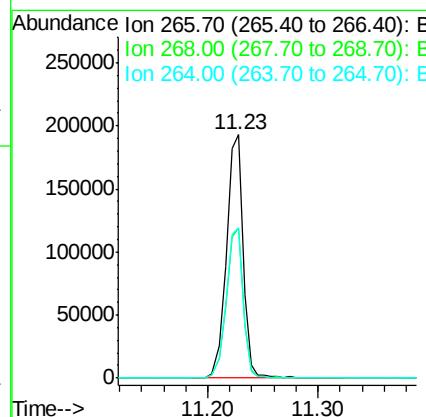
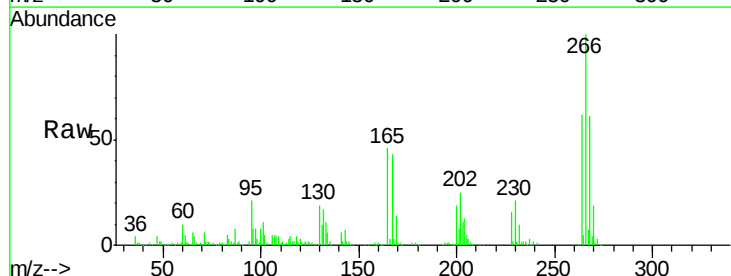
Manual Integrations
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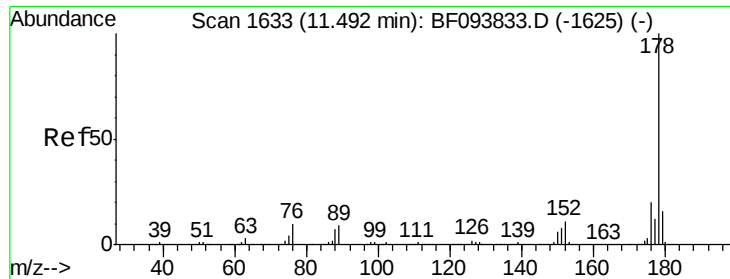
mohammad
 3/24/2017 4:10:55 PM



#69
 Pentachlorophenol
 Concen: 66.29 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.5	51.1	76.7
264	61.7	51.7	77.5





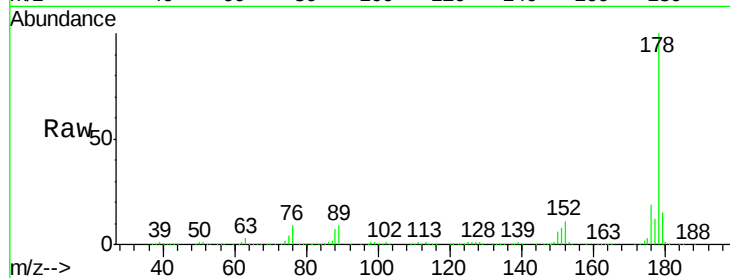
#70
Phenanthrene
Concen: 39.01 ng
RT: 11.49 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

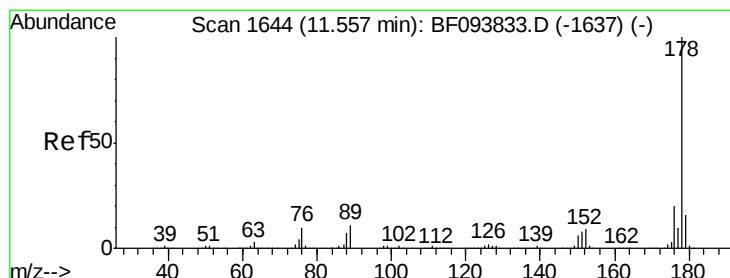
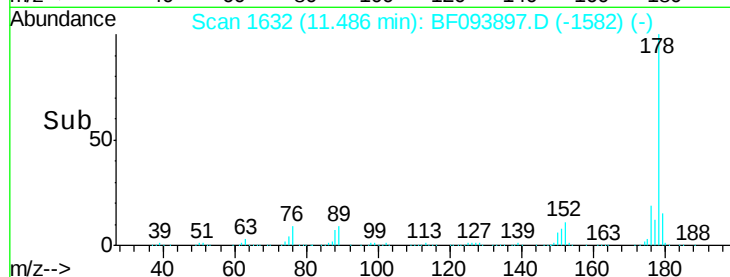
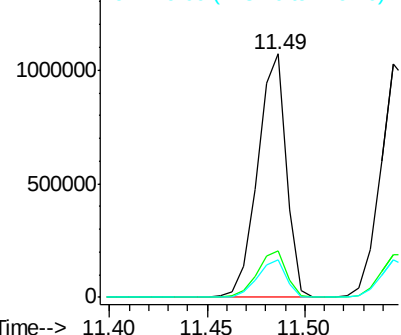
Tgt Ion:178 Resp: 1086930
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 15.3 12.6 19.0

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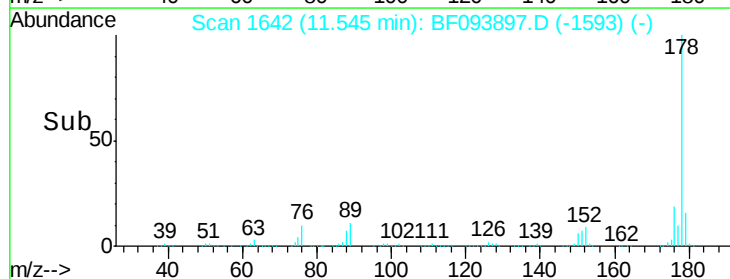
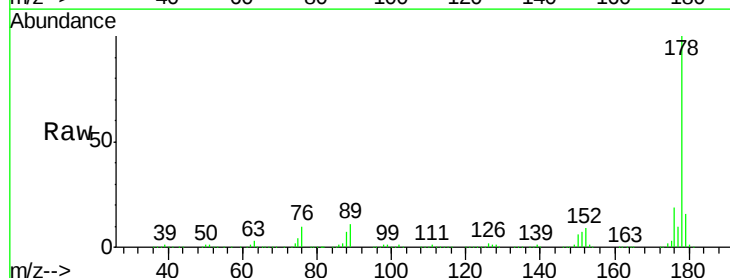
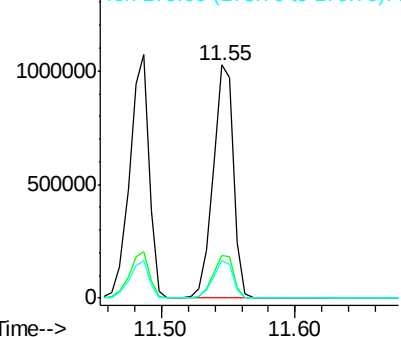
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

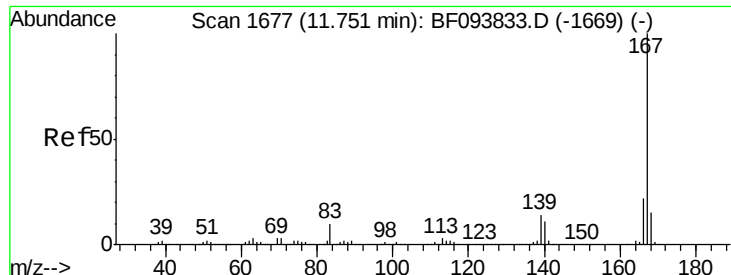


#71
Anthracene
Concen: 38.46 ng
RT: 11.55 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion:178 Resp: 1103283
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.8
179 16.0 12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 33.52 ng

RT: 11.75 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

Instrument :

BNA_F

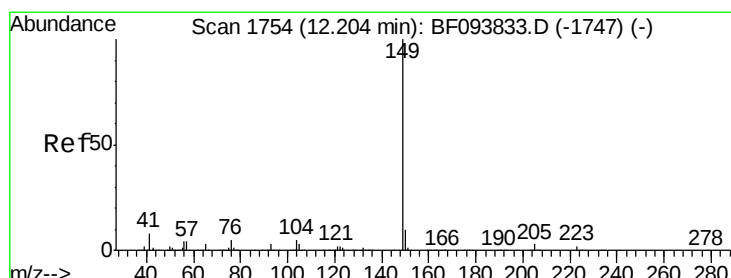
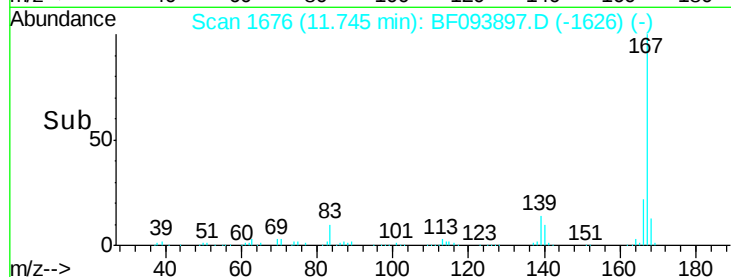
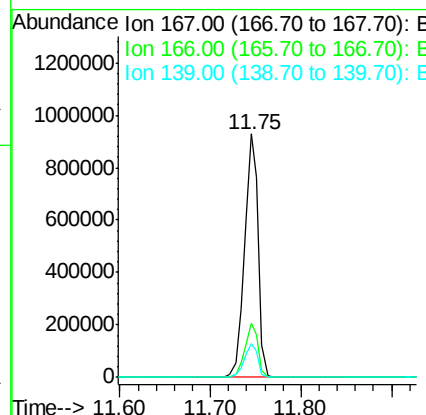
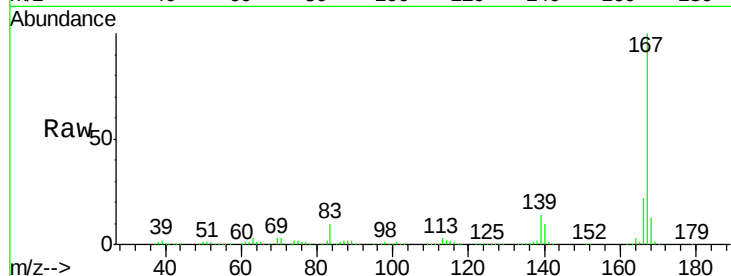
ClientSampleId :

E2-CC-DD-8-9-BASEMSD

Tgt Ion:	167	Resp:	986110
Ion Ratio	Lower	Upper	
167	100		
166	22.0	18.1	27.1
139	13.7	11.7	17.5

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 40.97 ng

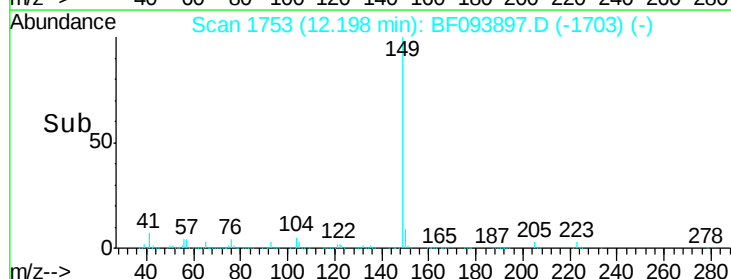
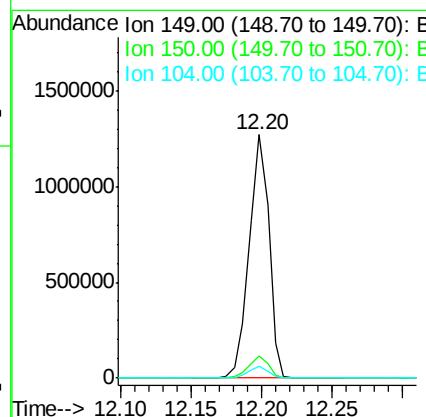
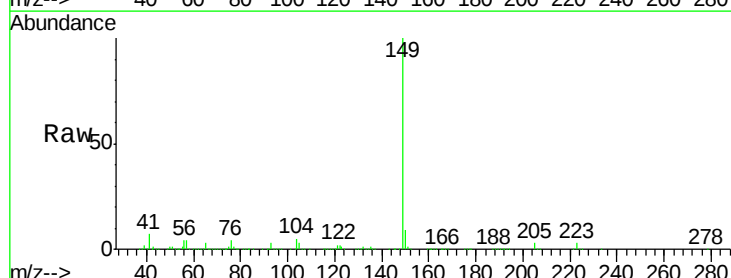
RT: 12.20 min Scan# 1753

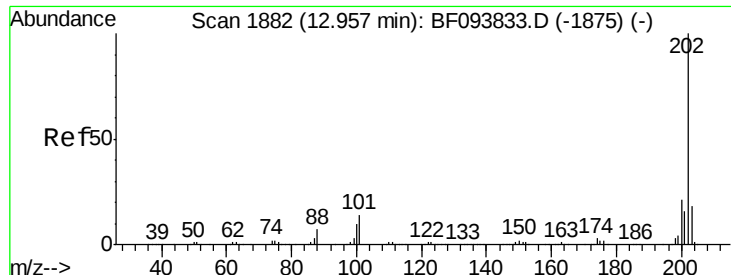
Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

Tgt Ion:	149	Resp:	1253438
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.7	4.0	6.0





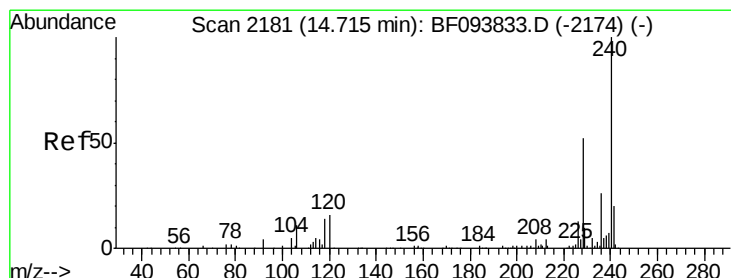
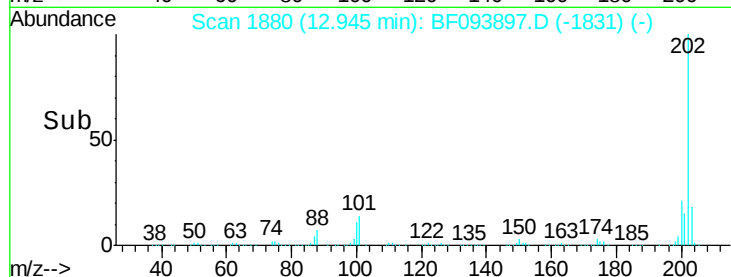
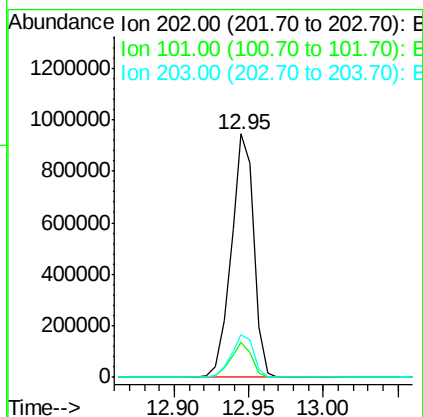
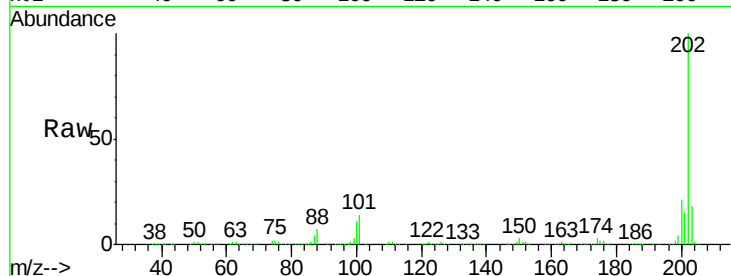
#74
Fluoranthene
 Concen: 35.07 ng
 RT: 12.95 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	17.6	0.0	38.1

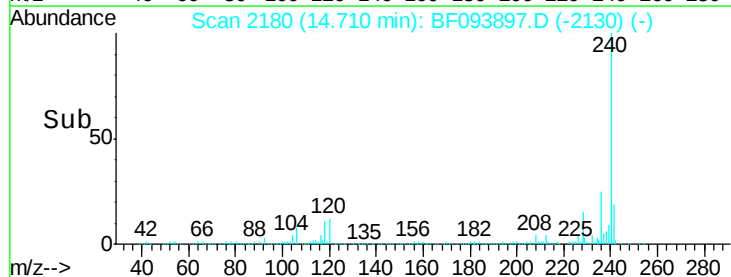
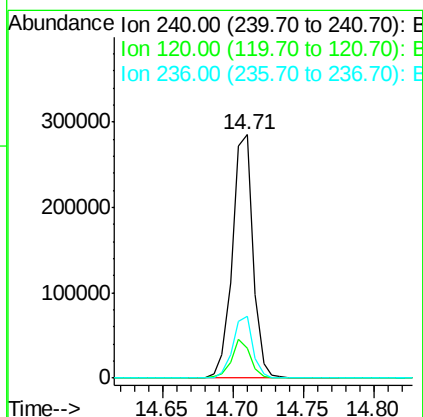
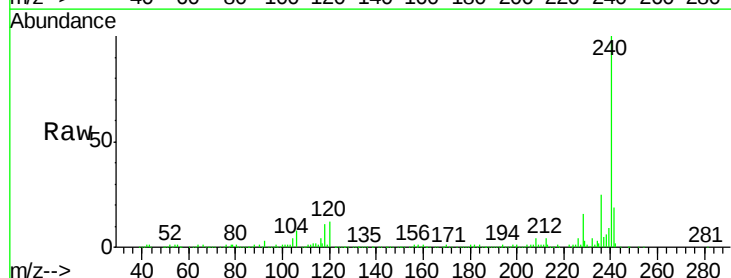
Manual Integrations
 APPROVED

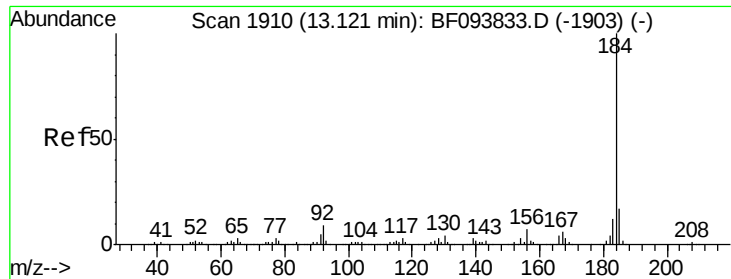
mohammad
 3/24/2017 4:10:55 PM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	5.8	8.8#
236	25.5	20.5	30.7





#76

Benzidine

Concen: 25.52 ng

RT: 13.11 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

Instrument :

BNA_F

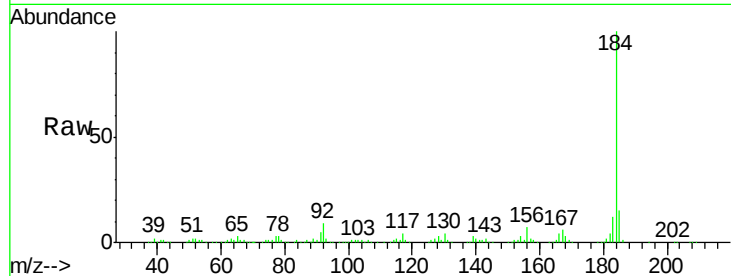
ClientSampleId :

E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	295053		
185	15.2	15.5	23.3#	
183	12.0	9.8	14.6	

Manual Integrations
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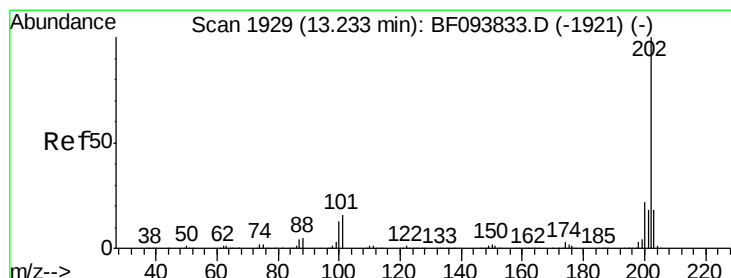
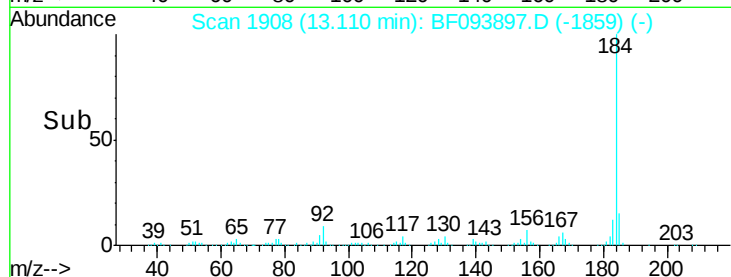
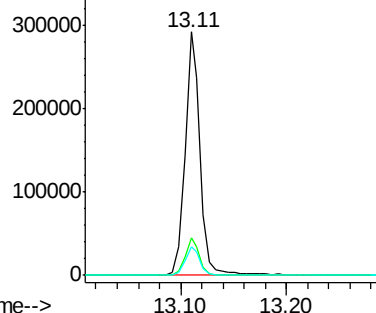
mohammad
3/24/2017 4:10:55 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 45.58 ng

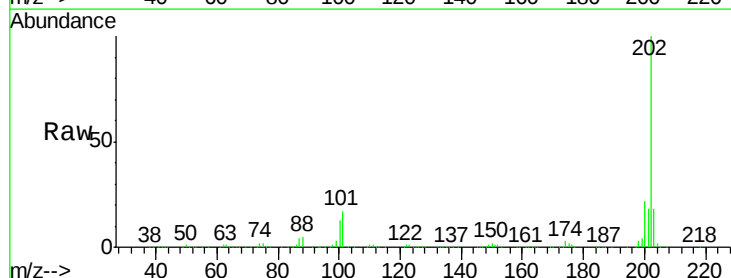
RT: 13.22 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BF093897.D

Acq: 24 Mar 2017 00:04

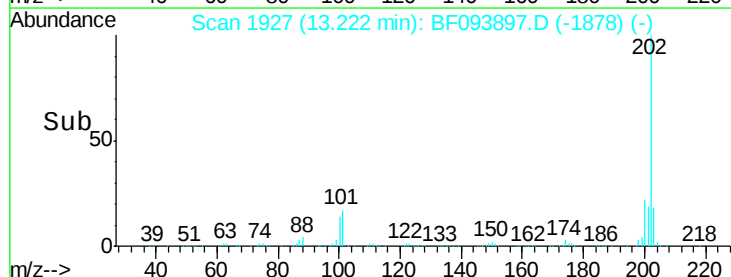
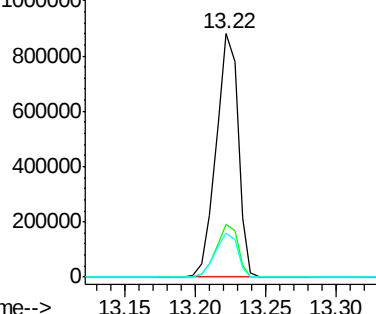
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	966072		
200	21.6	17.6	26.4	
203	17.9	14.4	21.6	

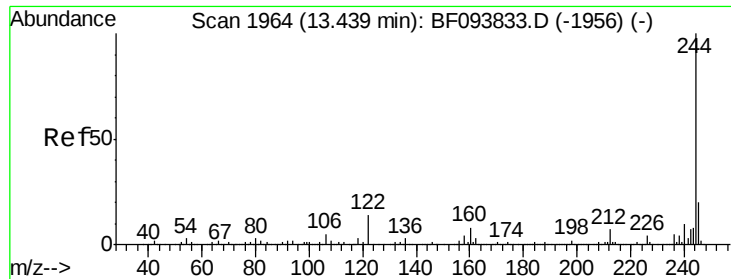


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





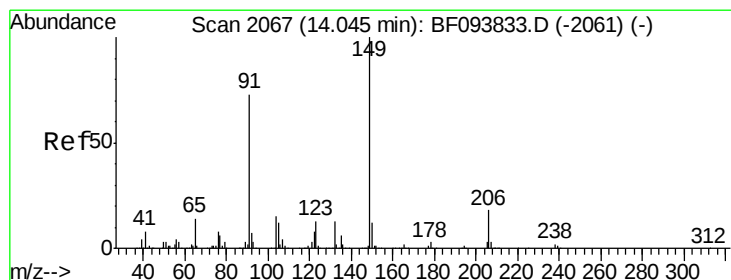
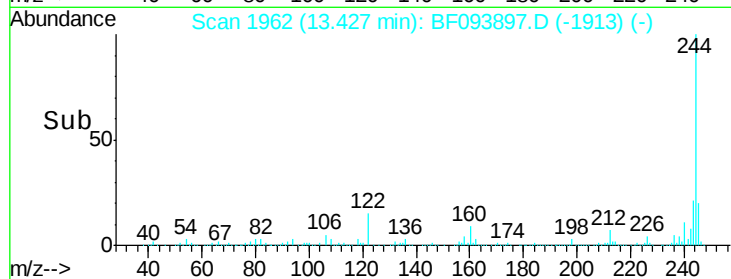
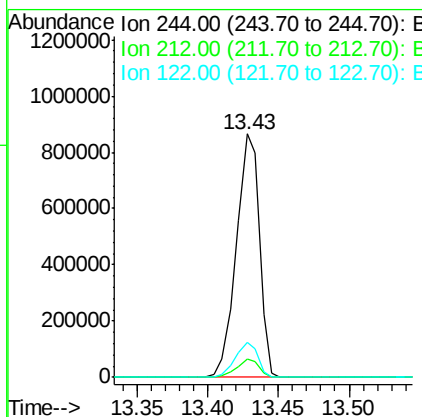
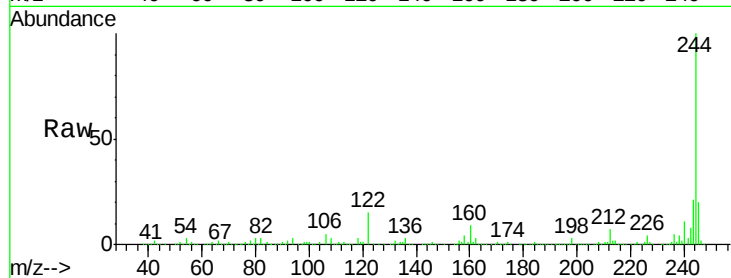
#78
 Terphenyl-d14
 Concen: 75.48 ng
 RT: 13.43 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.5	6.0	9.0	
122	14.6	10.3	15.5	

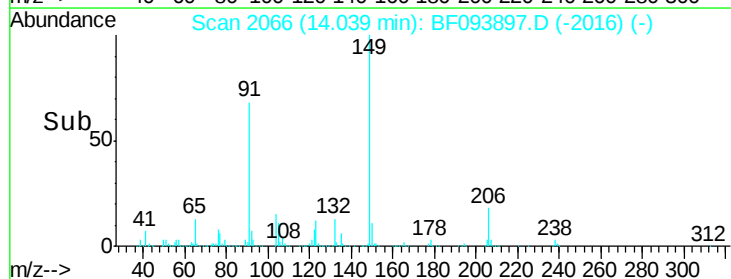
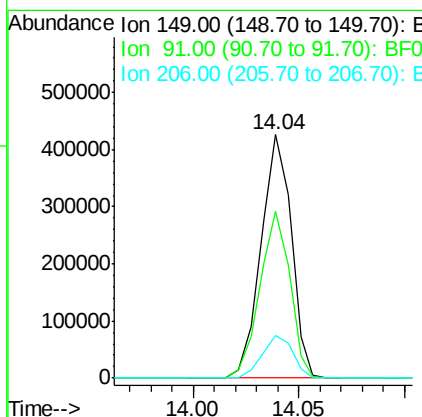
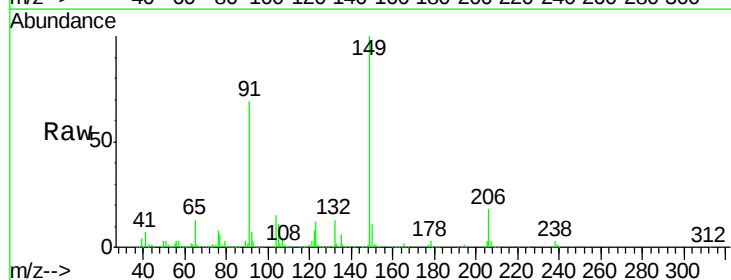
Manual Integrations
 APPROVED

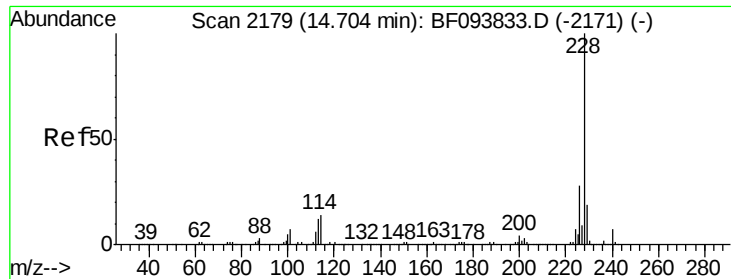
mohammad
 3/24/2017 4:10:55 PM



#79
 Butylbenzylphthalate
 Concen: 47.34 ng
 RT: 14.04 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	68.5	45.0	67.4	#
206	17.8	17.0	25.6	





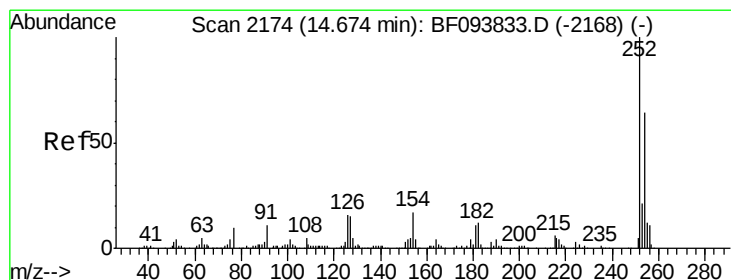
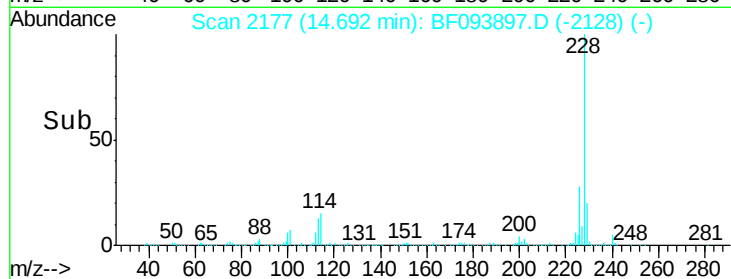
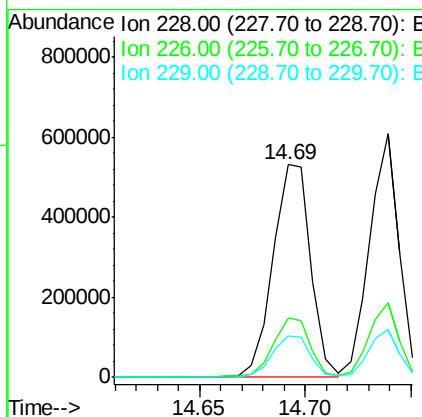
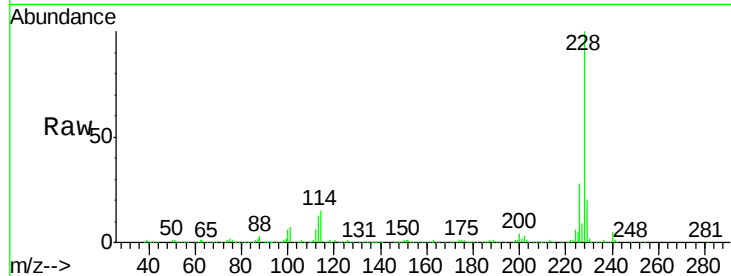
#80
Benzo(a)anthracene
Concen: 38.67 ng
RT: 14.69 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.6	16.3	24.5

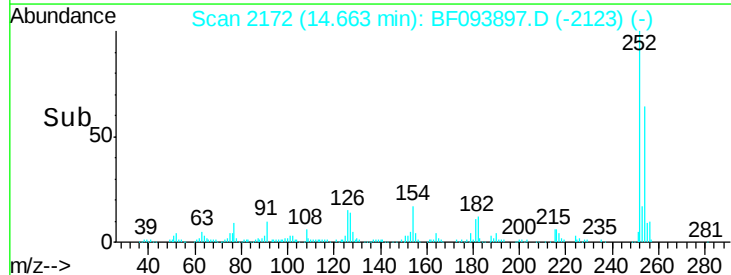
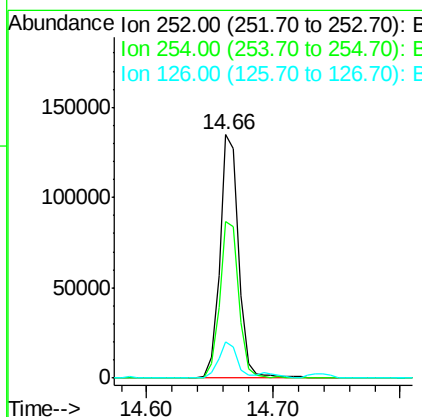
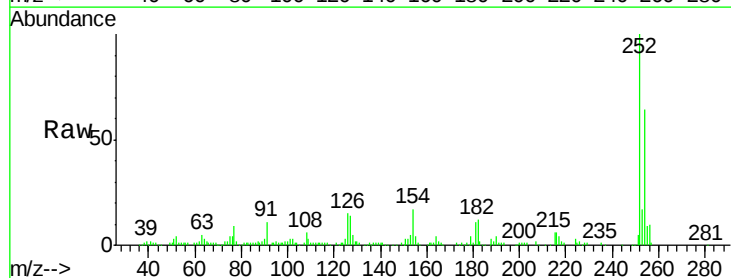
Manual Integrations
APPROVED

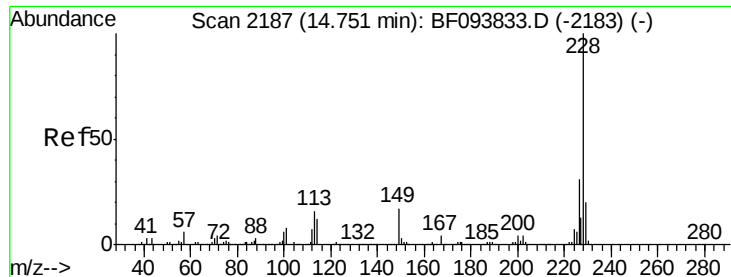
mohammad
3/24/2017 4:10:55 PM



#81
3,3'-Dichlorobenzidine
Concen: 22.86 ng
RT: 14.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.5	77.3
126	14.6	15.8	23.8#





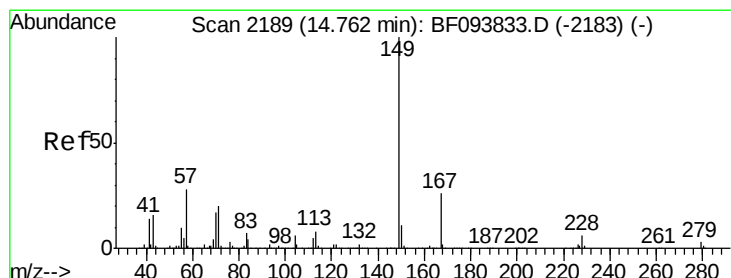
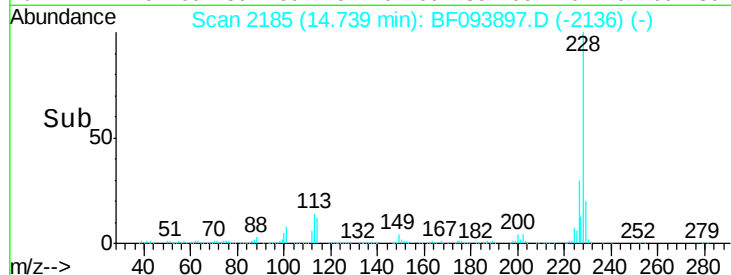
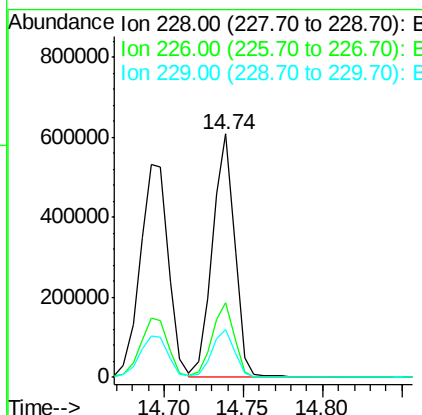
#82
Chrysene
 Concen: 37.54 ng
 RT: 14.74 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.6	15.8	23.6

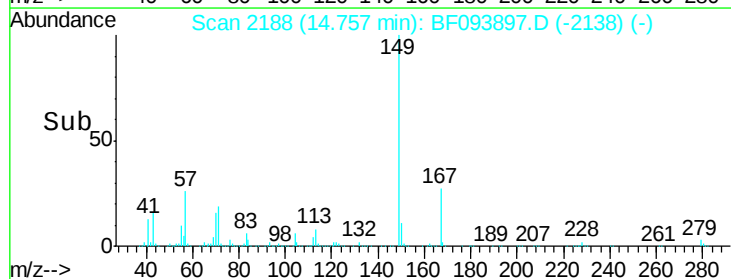
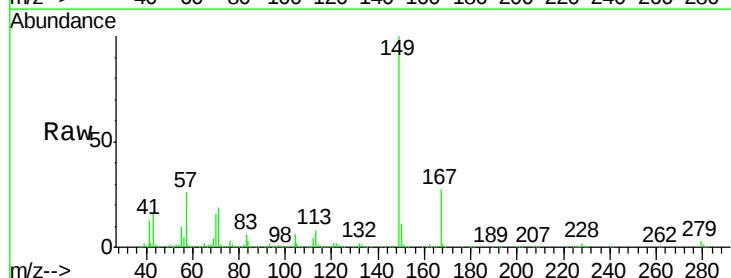
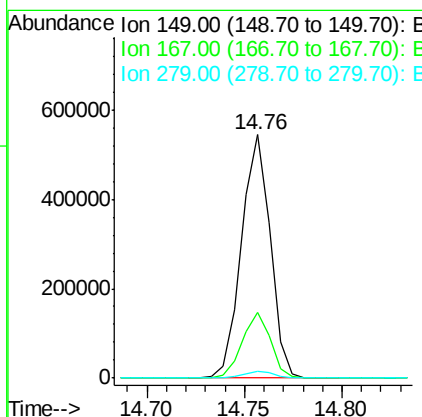
Manual Integrations
 APPROVED

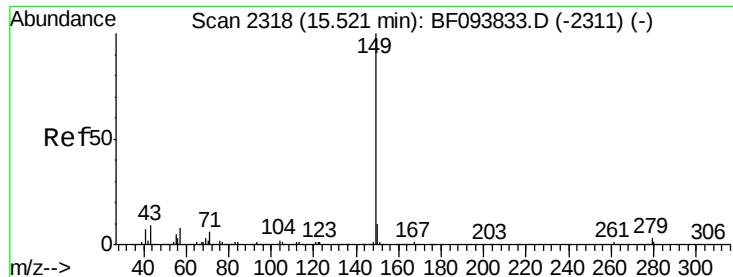
mohammad
 3/24/2017 4:10:55 PM



#83
Bis(2-ethylhexyl)phthalate
 Concen: 45.17 ng
 RT: 14.76 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BF093897.D
 Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.0	31.4
279	3.0	1.9	2.9#





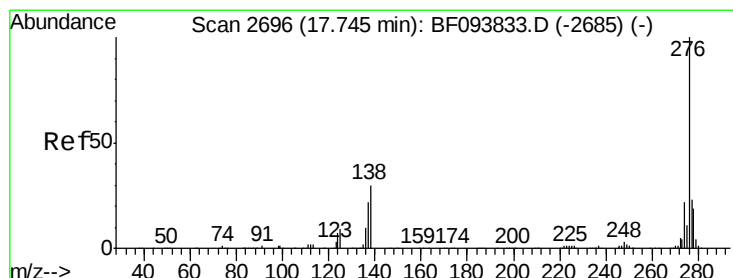
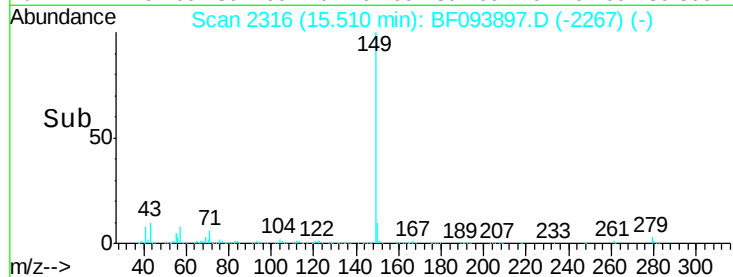
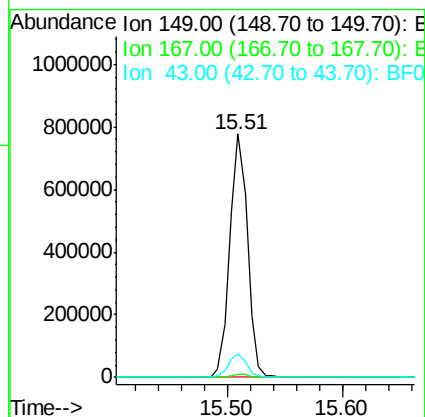
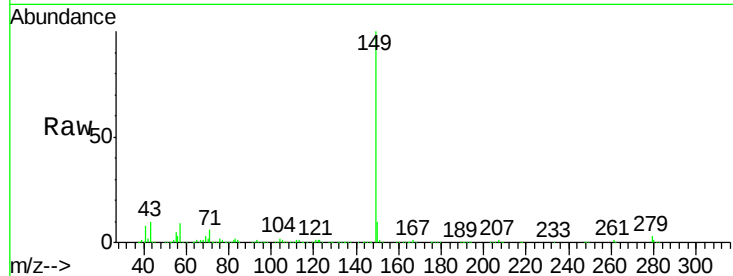
#84
Di-n-octyl phthalate
Concen: 40.11 ng
RT: 15.51 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	825643		
167	1.5	1.2	1.8	
43	9.7	8.5	12.7	

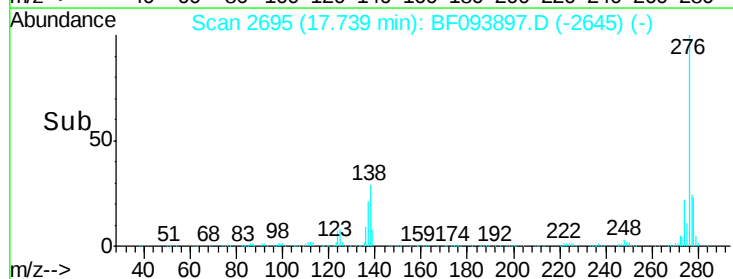
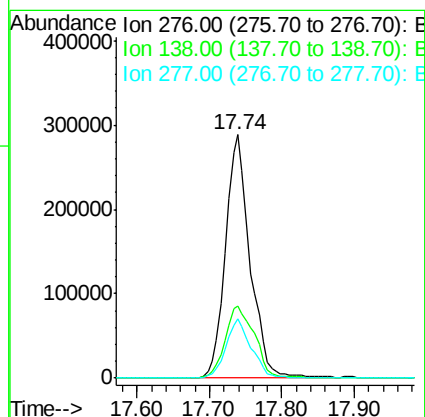
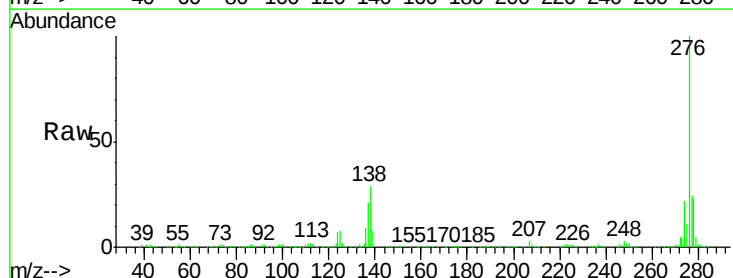
Manual Integrations
APPROVED

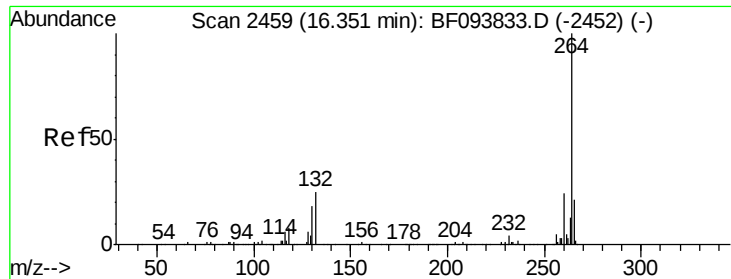
mohammad
3/24/2017 4:10:55 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 49.68 ng
RT: 17.74 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	679980		
138	35.6	27.8	41.6	
277	25.1	20.2	30.4	





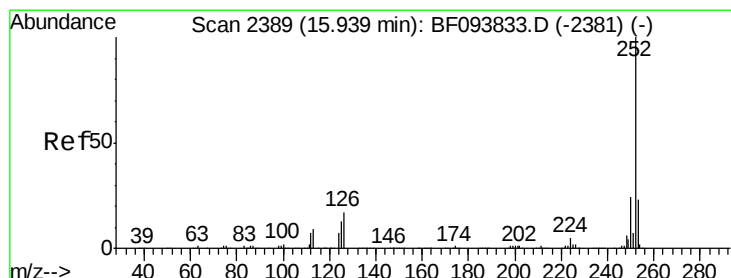
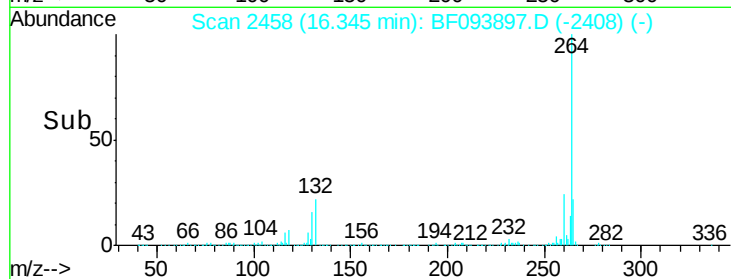
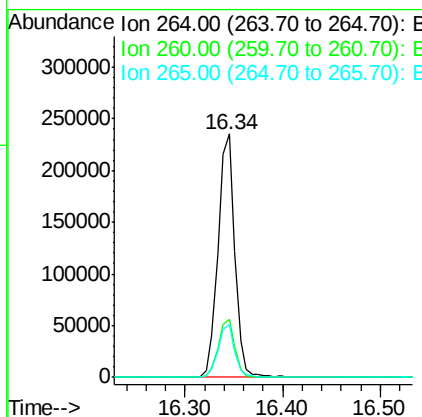
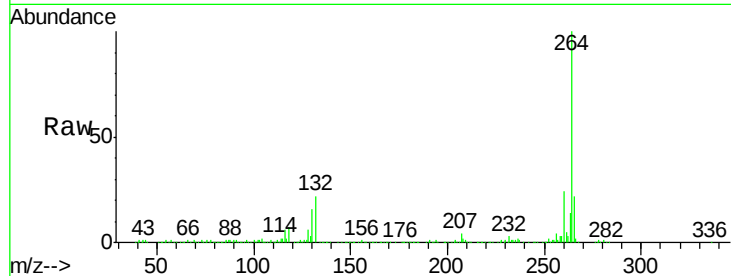
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.7	17.2	25.8

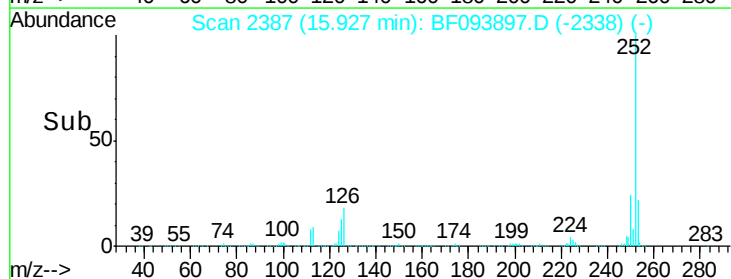
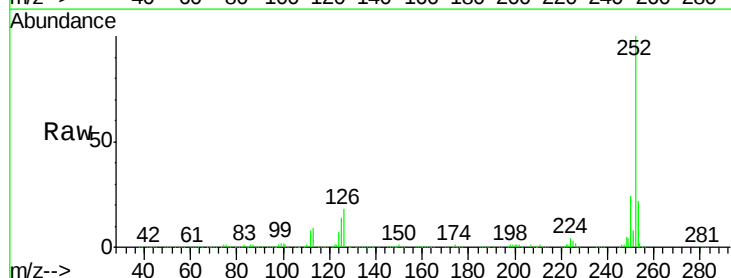
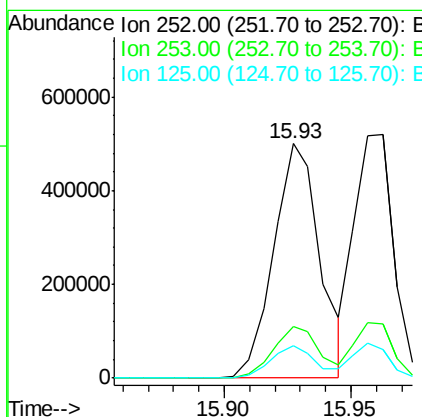
Manual Integrations
APPROVED

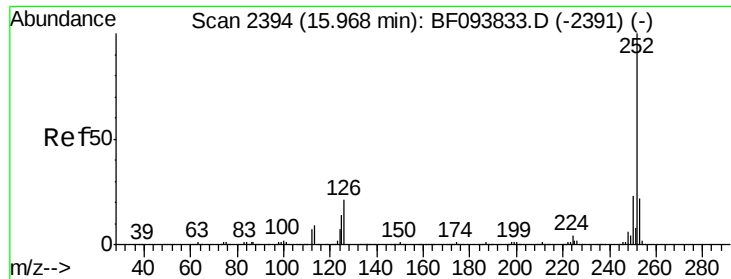
mohammad
3/24/2017 4:10:55 PM



#87
Benzo(b)fluoranthene
Concen: 36.84 ng
RT: 15.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	13.6	9.8	14.8





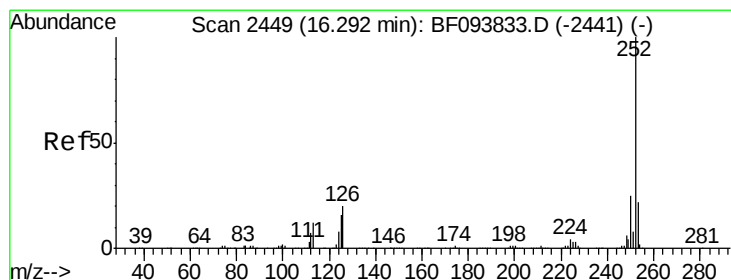
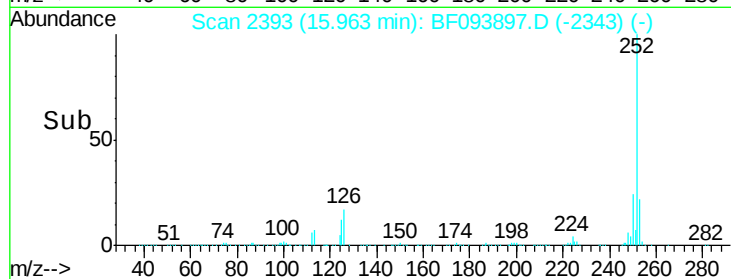
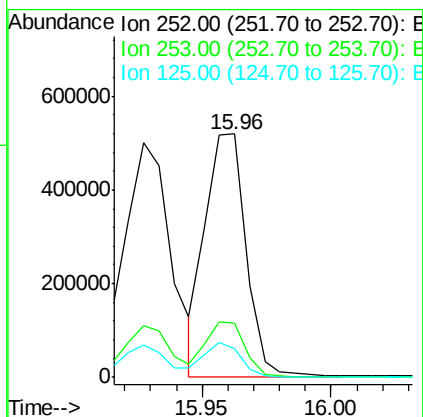
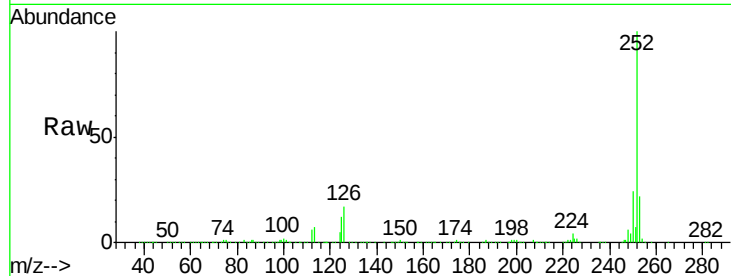
#88
Benzo(k)fluoranthene
Concen: 33.60 ng m
RT: 15.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	11.9	13.1	19.7

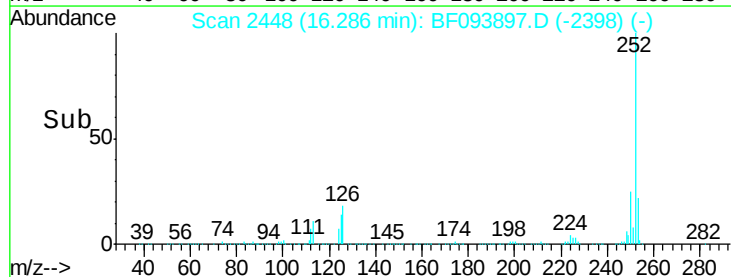
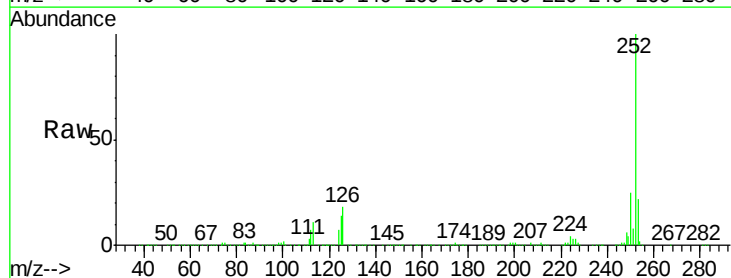
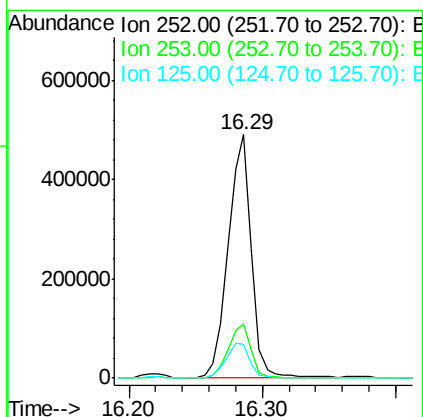
Manual Integrations
APPROVED

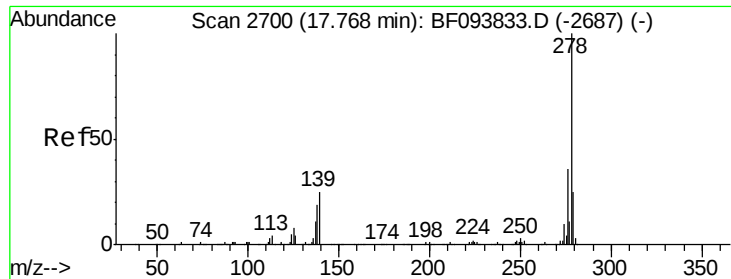
mohammad
3/24/2017 4:10:55 PM



#89
Benzo(a)pyrene
Concen: 37.42 ng
RT: 16.29 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	13.7	11.0	16.4





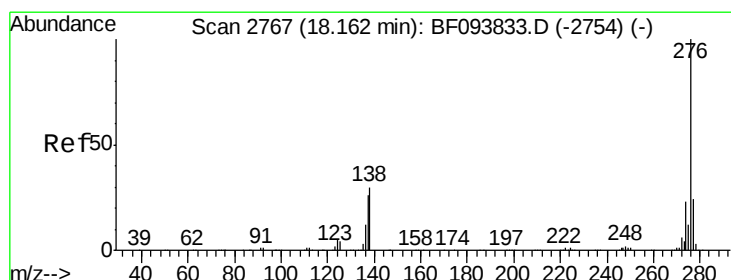
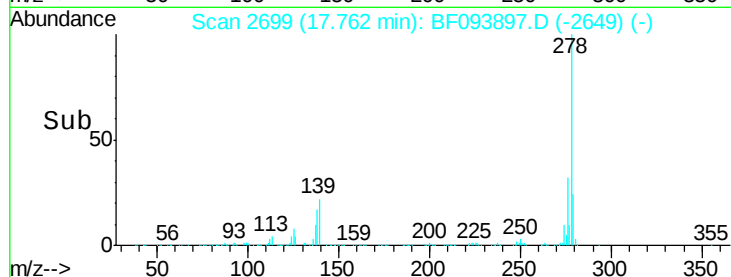
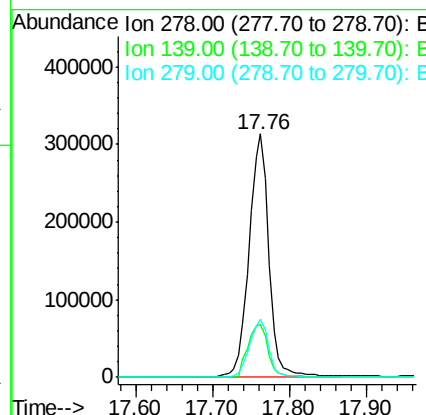
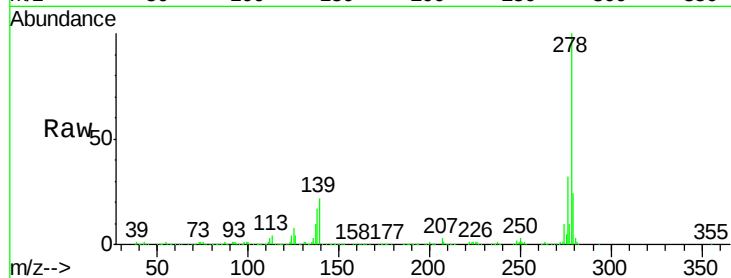
#90
Dibenzo(a,h)anthracene
Concen: 42.19 ng
RT: 17.76 min Scan# 2699
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Instrument :
BNA_F
ClientSampleId :
E2-CC-DD-8-9-BASEMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	23.6	19.3	28.9

Manual Integrations
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mohammad
3/24/2017 4:10:55 PM



#91
Benzo(g,h,i)perylene
Concen: 40.87 ng
RT: 18.15 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BF093897.D
Acq: 24 Mar 2017 00:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	30.5	25.4	38.0

