

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094354.D
 Acq On : 11 Apr 2017 17:07
 Operator : SJ/MA
 Sample : PB98184BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98184BS

Manual Integrations
 APPROVED

mohammad
 4/12/2017 5:11:42 PM

Quant Time: Apr 12 01:10:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	151145	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	605860	20.00	ng	-0.04
38) Acenaphthene-d10	9.47	164	277960	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	493510	20.00	ng	-0.03
75) Chrysene-d12	14.55	240	376311	20.00	ng	-0.02
86) Perylene-d12	16.17	264	269183	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1063673	118.86	ng	0.00
7) Phenol-d6	5.46	99	1327275	119.89	ng	0.00
23) Nitrobenzene-d5	6.48	82	826429	77.85	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	275767	125.55	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1549086	85.00	ng	-0.03
78) Terphenyl-d14	13.27	244	1301408	77.52	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	150473	35.00	ng	97
3) Pyridine	2.71	79	453067	38.67	ng	99
4) n-Nitrosodimethylamine	2.67	42	195351	40.52	ng	89
6) Aniline	5.45	93	223503	14.51	ng	# 78
8) 2-Chlorophenol	5.60	128	429369	43.65	ng	98
9) Benzaldehyde	5.32	77	143905	19.25	ng	99
10) Phenol	5.47	94	513274	40.74	ng	91
11) bis(2-Chloroethyl)ether	5.54	93	407429	41.38	ng	96
12) 1,3-Dichlorobenzene	5.76	146	458998	41.60	ng	99
13) 1,4-Dichlorobenzene	5.85	146	466325	41.73	ng	97
14) 1,2-Dichlorobenzene	6.02	146	427570	41.55	ng	96
15) Benzyl Alcohol	6.00	79	325028	40.11	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.16	45	527589	34.78	ng	# 18
17) 2-Methylphenol	6.16	107	347935	41.30	ng	# 90
18) Hexachloroethane	6.41	117	161935	41.23	ng	# 84
19) n-Nitroso-di-n-propylamine	6.32	70	302912	42.57	ng	95
20) 3+4-Methylphenols	6.34	107	488498	47.88	ng	# 63
22) Acetophenone	6.30	105	602294	44.60	ng	# 87
24) Nitrobenzene	6.50	77	431835	41.24	ng	94
25) Isophorone	6.79	82	776329	41.62	ng	96
26) 2-Nitrophenol	6.87	139	245880	49.24	ng	97
27) 2,4-Dimethylphenol	6.96	122	394407	45.84	ng	99
28) bis(2-Chloroethoxy)methane	7.05	93	502071	40.81	ng	99
29) 2,4-Dichlorophenol	7.19	162	371858	46.23	ng	99
30) 1,2,4-Trichlorobenzene	7.26	180	356786	43.06	ng	99
31) Naphthalene	7.36	128	1214706	41.70	ng	99
32) Benzoic acid	7.12	122	166820	29.13	ng	96
33) 4-Chloroaniline	7.43	127	117994	9.99	ng	# 92
34) Hexachlorobutadiene	7.51	225	182431	42.94	ng	97
35) Caprolactam	7.87	113	119030m	46.40	ng	
36) 4-Chloro-3-methylphenol	8.06	107	389622	46.35	ng	88
37) 2-Methylnaphthalene	8.20	142	855837	44.07	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.40	216	315397	41.48	ng	99
40) Hexachlorocyclopentadiene	8.39	237	298127	83.78	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.56	196	244661	45.48	nq	96
43) 2,4,5-Trichlorophenol	8.62	196	249556	42.87	nq	# 91
45) 1,1'-Biphenyl	8.77	154	951145	42.42	nq	98
46) 2-Chloronaphthalene	8.79	162	744941	42.45	nq	95
47) 2-Nitroaniline	8.93	65	224402	43.10	nq	# 79
48) Acenaphthylene	9.30	152	1188369	40.74	nq	99
49) Dimethylphthalate	9.17	163	895636	45.33	nq	98
50) 2,6-Dinitrotoluene	9.23	165	206311	45.55	nq	98
51) Acenaphthene	9.51	154	712794	41.88	nq	100
52) 3-Nitroaniline	9.43	138	84773	15.94	nq	92
53) 2,4-Dinitrophenol	9.57	184	133799	56.65	nq	# 68
54) Dibenzofuran	9.73	168	1016132	43.86	nq	100
55) 4-Nitrophenol	9.70	139	389226	93.45	nq	# 81
56) 2,4-Dinitrotoluene	9.73	165	245093	43.08	nq	# 70
57) Fluorene	10.15	166	787213	40.97	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.89	232	181452	45.43	nq	98
59) Diethylphthalate	10.03	149	852678	43.66	nq	99
60) 4-Chlorophenyl-phenylether	10.15	204	339862	41.52	nq	95
61) 4-Nitroaniline	10.19	138	215037	42.13	nq	94
62) Azobenzene	10.35	77	833309	45.11	nq	94
64) 4,6-Dinitro-2-methylphenol	10.23	198	111355	36.84	nq	# 70
65) n-Nitrosodiphenylamine	10.30	169	741281	43.43	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	211732	43.62	nq	94
67) Hexachlorobenzene	10.82	284	210360	42.81	nq	# 84
68) Atrazine	10.98	200	215223	42.10	nq	98
69) Pentachlorophenol	11.08	266	184913	60.46	nq	97
70) Phenanthrene	11.33	178	1165357	42.45	nq	98
71) Anthracene	11.39	178	1216015	43.02	nq	99
72) Carbazole	11.60	167	1139980	39.33	nq	98
73) Di-n-butylphthalate	12.04	149	1335110	44.29	nq	99
74) Fluoranthene	12.79	202	1221218	43.44	nq	99
76) Benzidine	12.96	184	315787	21.20	nq	# 92
77) Pyrene	13.06	202	1214884	44.48	nq	99
79) Butylbenzylphthalate	13.88	149	568600	48.86	nq	# 82
80) Benzo(a)anthracene	14.53	228	959262	43.71	nq	99
81) 3,3'-Dichlorobenzidine	14.51	252	130942	16.69	nq	# 93
82) Chrysene	14.58	228	847157	41.60	nq	99
83) Bis(2-ethylhexyl)phthalate	14.60	149	763351	48.08	nq	# 100
84) Di-n-octyl phthalate	15.35	149	1185352	44.69	nq	97
85) Indeno(1,2,3-cd)pyrene	17.49	276	710592	40.29	nq	100
87) Benzo(b)fluoranthene	15.77	252	774046	46.91	nq	98
88) Benzo(k)fluoranthene	15.80	252	661264m	40.96	nq	
89) Benzo(a)pyrene	16.12	252	665511	43.80	nq	99
90) Dibenzo(a,h)anthracene	17.51	278	587498	45.66	nq	98
91) Benzo(g,h,i)perylene	17.87	276	609032	46.96	nq	99

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

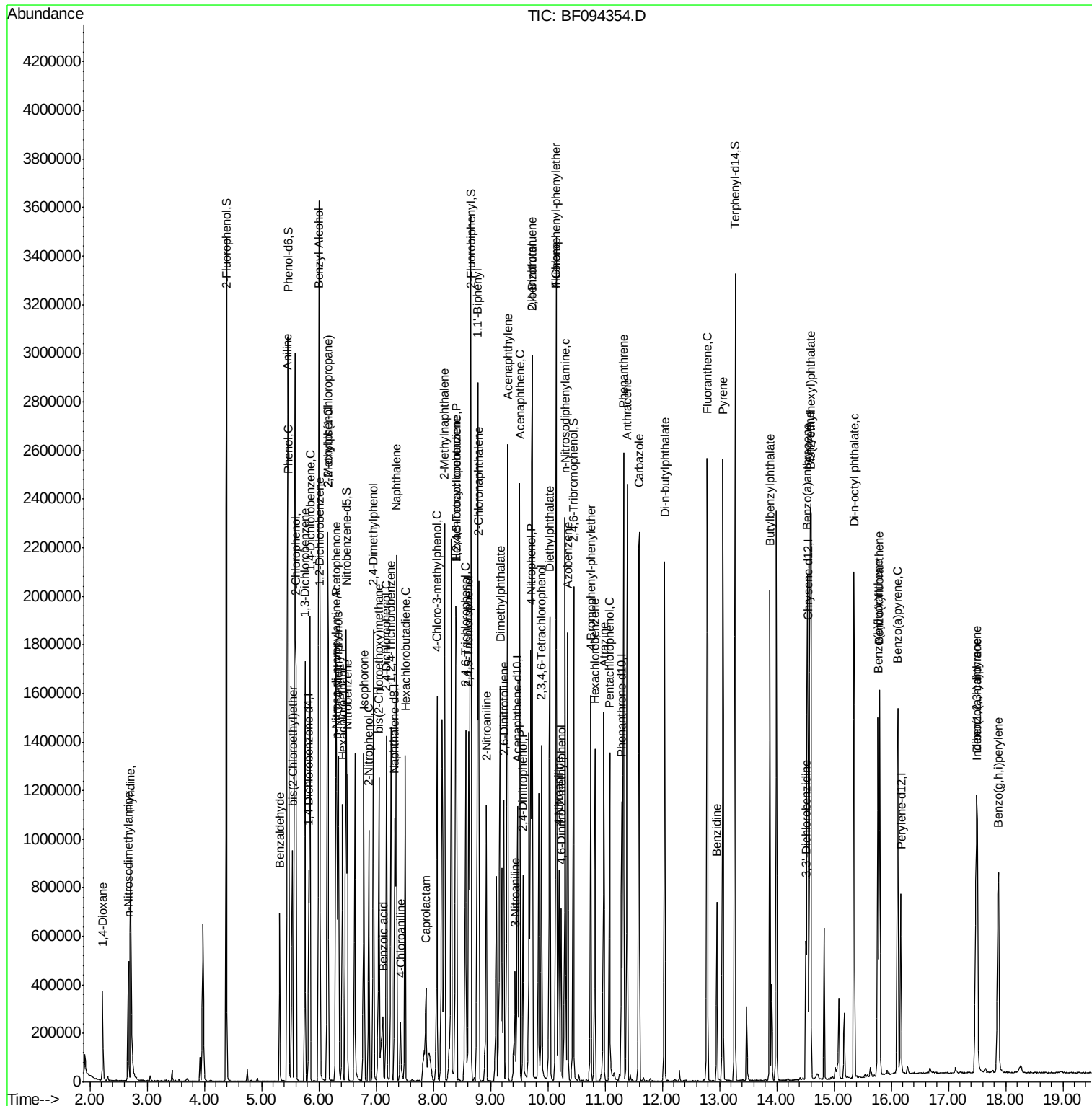
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
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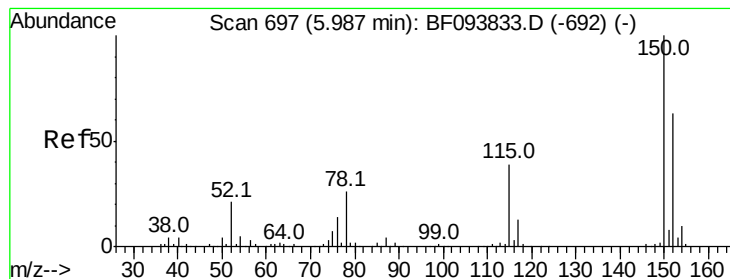
Instrument :
BNA_F
Client Sampled :
PB98184BS

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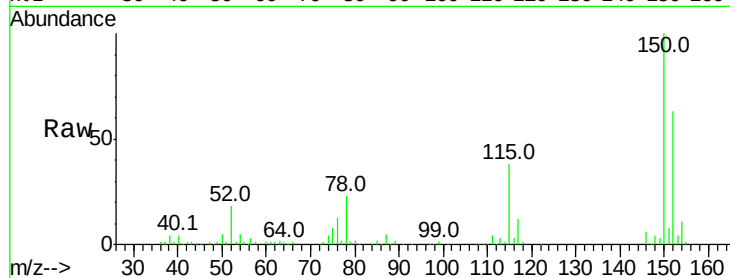
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.83 min Scan# 670
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98184BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.2	189.2
115	60.2	52.2	78.2

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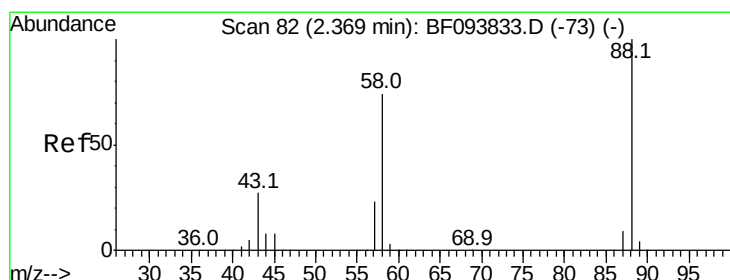
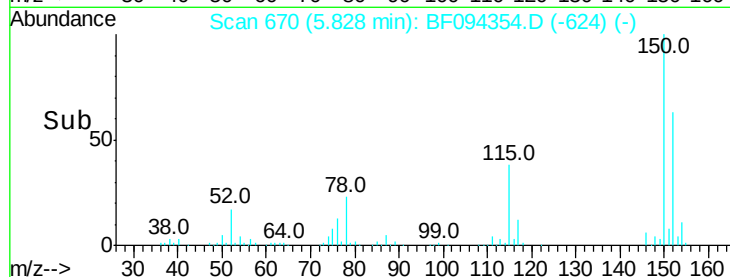
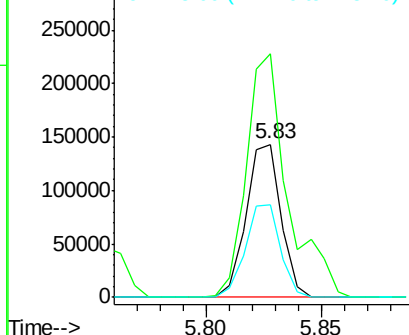


Abundance

Ion 152.00 (151.70 to 152.70): E

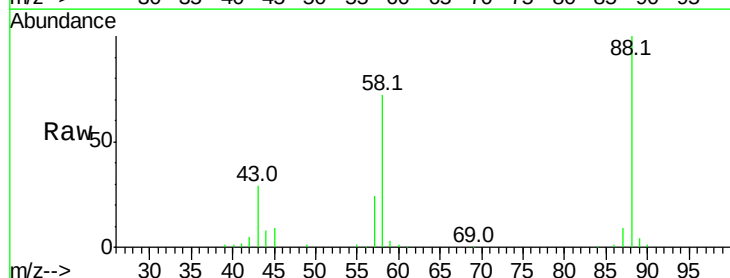
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 35.00 ng
 RT: 2.22 min Scan# 57
 Delta R.T. 0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	61.4	92.0
43	29.4	23.4	35.0

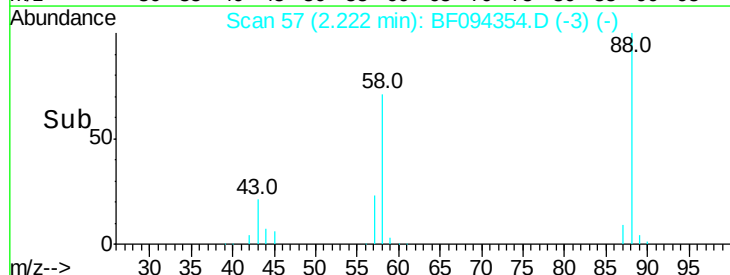
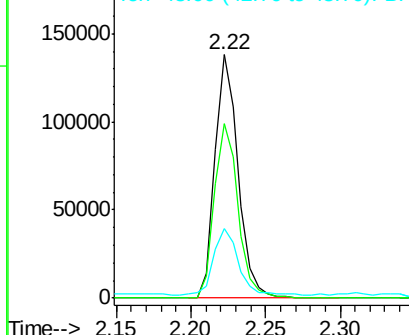


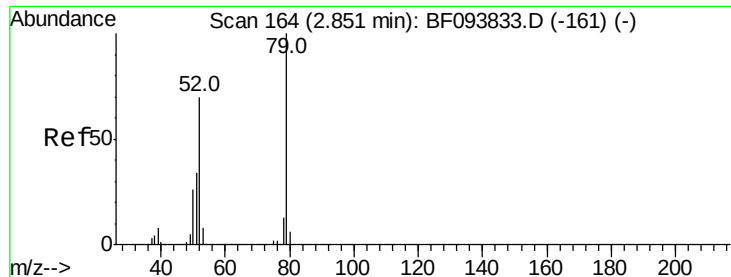
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





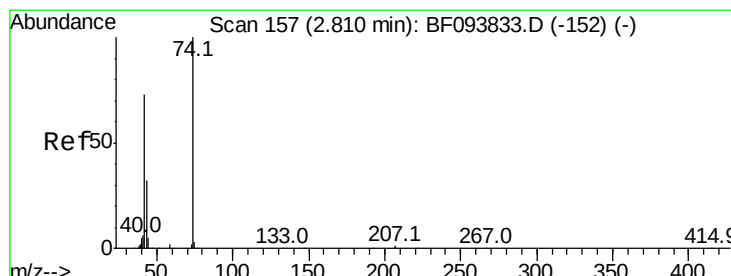
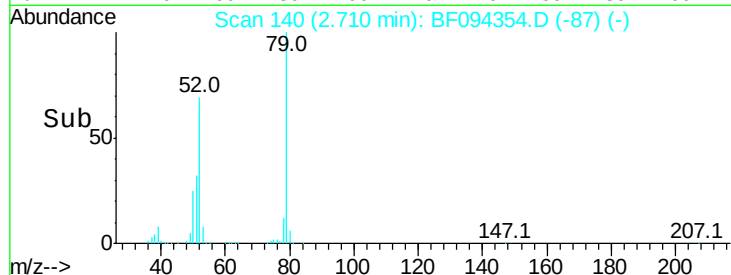
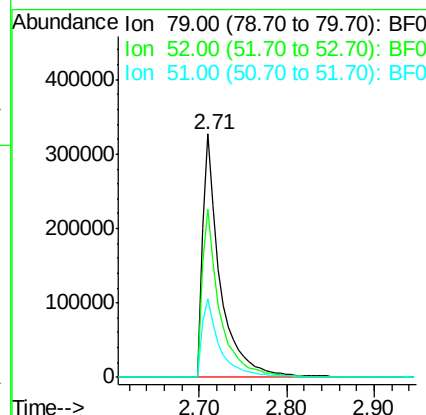
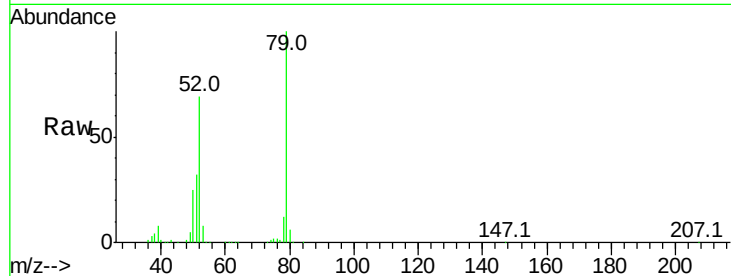
#3
 Pvridine
 Concen: 38.67 ng
 RT: 2.71 min Scan# 140
 Delta R.T. 0.01 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98184BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.3	54.8	82.2
51	32.5	27.0	40.4

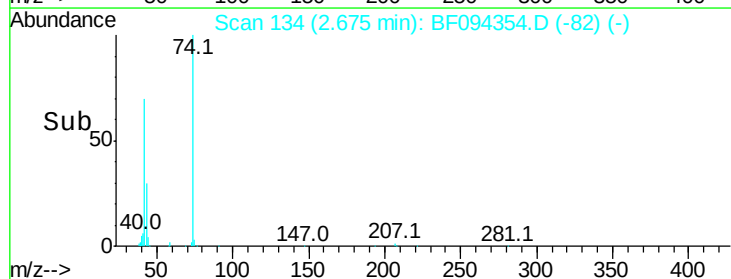
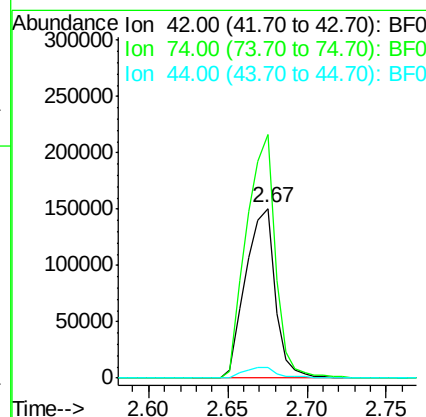
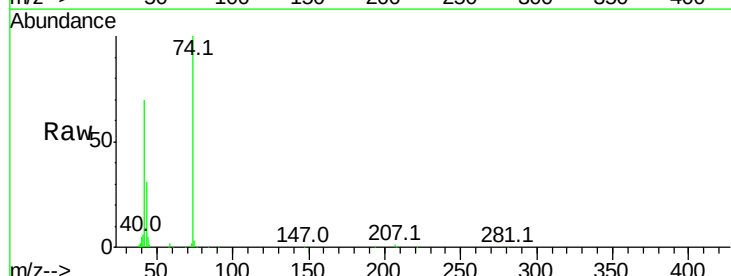
Manual Integrations
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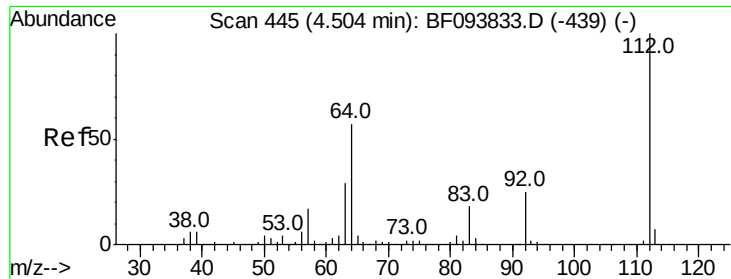
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#4
 n-Nitrosodimethylamine
 Concen: 40.52 ng
 RT: 2.67 min Scan# 134
 Delta R.T. 0.01 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.4	103.9	155.9
44	6.6	5.7	8.5





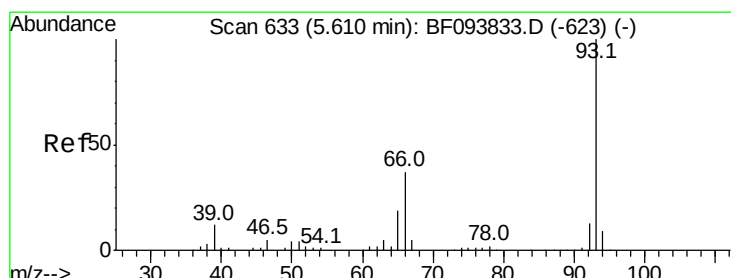
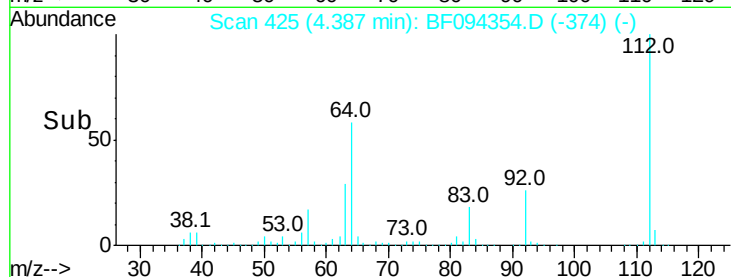
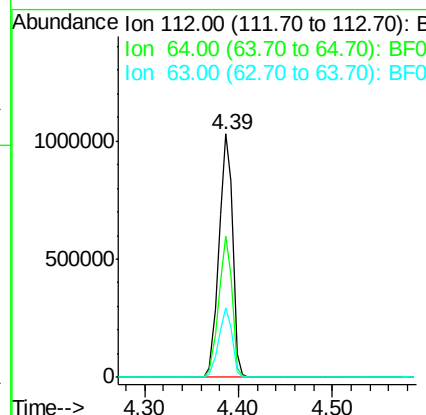
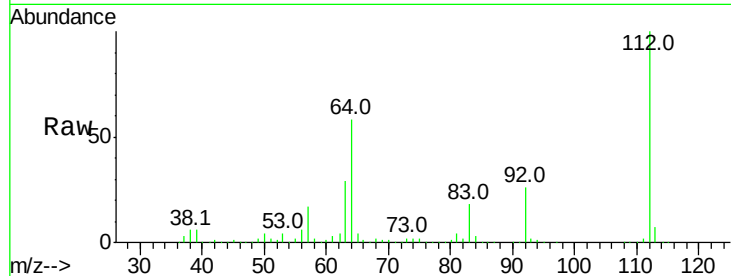
#5
2-Fluorophenol
Concen: 118.86 ng
RT: 4.39 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampled :
PB98184BS

Tot Ion:112 Resp: 1063673
Ion Ratio Lower Upper
112 100
64 57.9 46.0 69.0
63 28.8 23.4 35.0

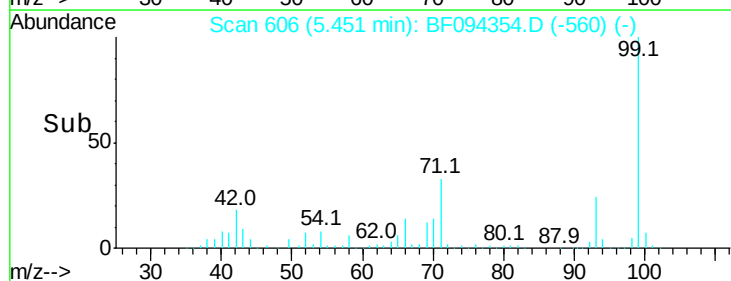
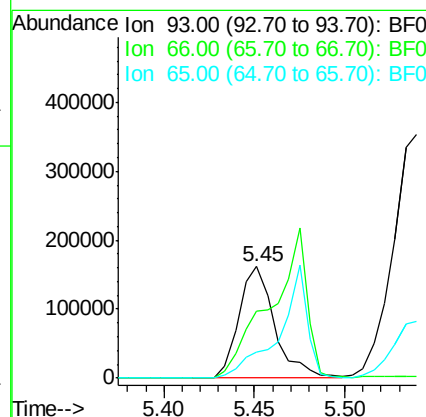
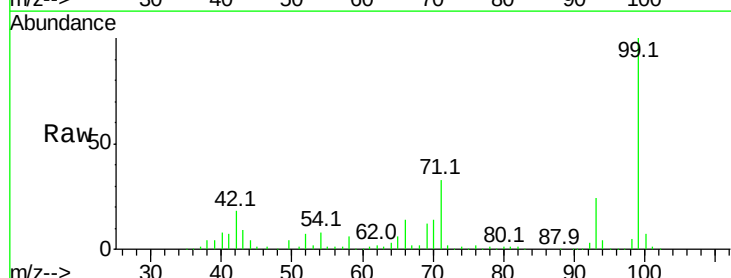
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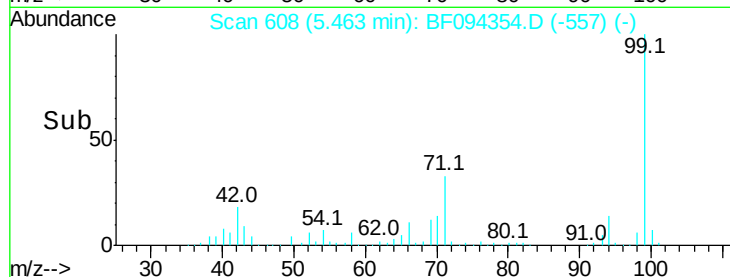
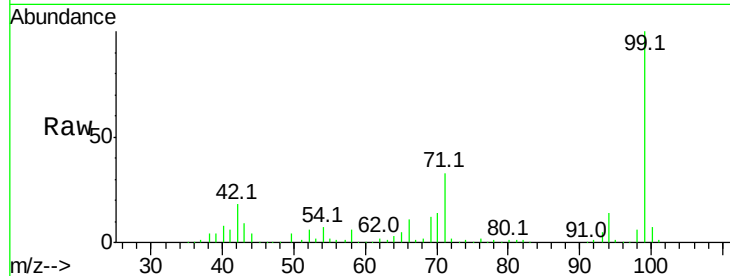
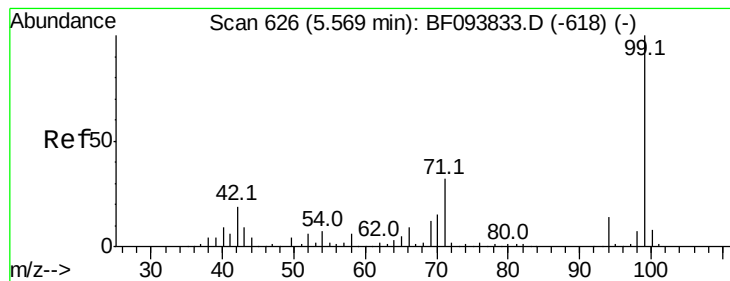
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#6
Aniline
Concen: 14.51 ng
RT: 5.45 min Scan# 606
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion: 93 Resp: 223503
Ion Ratio Lower Upper
93 100
66 59.4 32.9 49.3#
65 23.8 16.0 24.0





#7

Phenol-d6

Concen: 119.89 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Tot Ion: 99 Resp: 1327275

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

71 32.9 24.5 36.7

Instrument :

BNA_F

ClientSampleId :

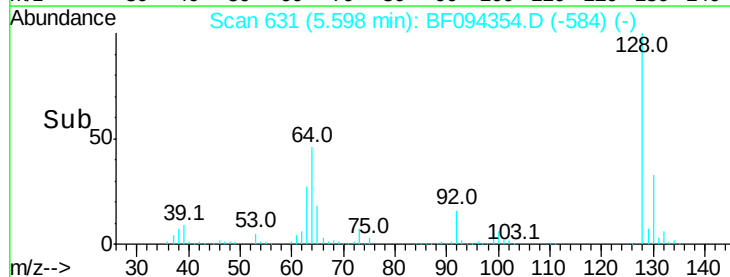
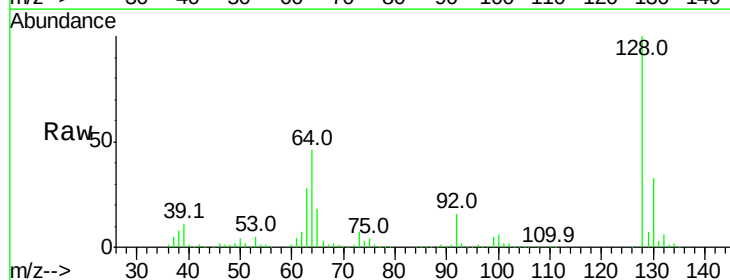
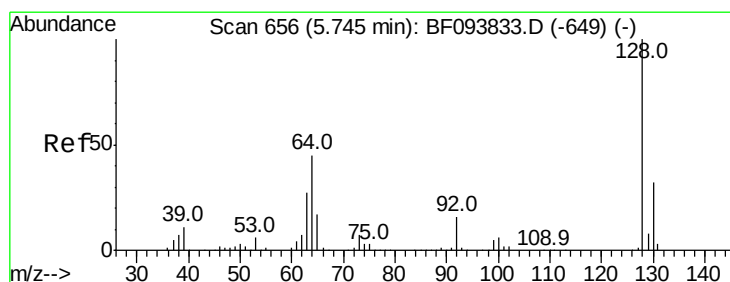
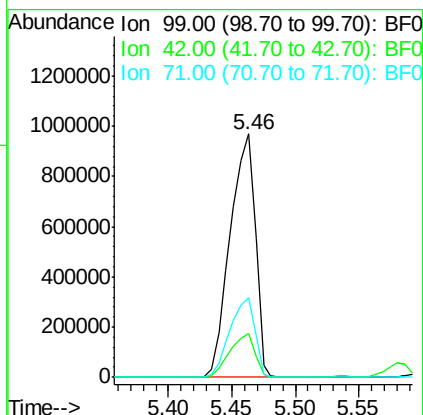
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#8

2-Chlorophenol

Concen: 43.65 ng

RT: 5.60 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

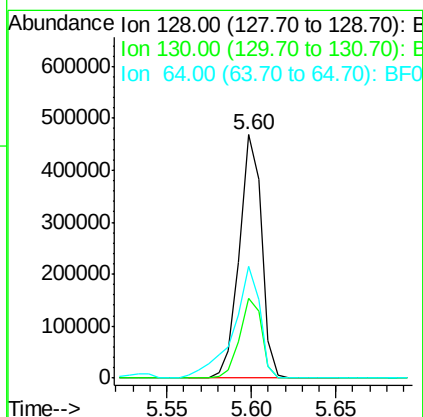
Tgt Ion:128 Resp: 429369

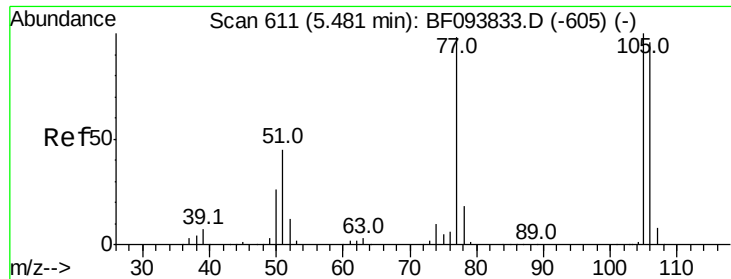
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 46.1 28.4 68.4





#9

Benzaldehyde

Concen: 19.25 ng

RT: 5.32 min Scan# 583

Delta R.T. -0.04 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

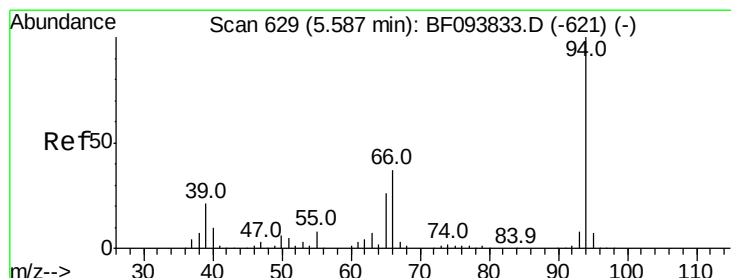
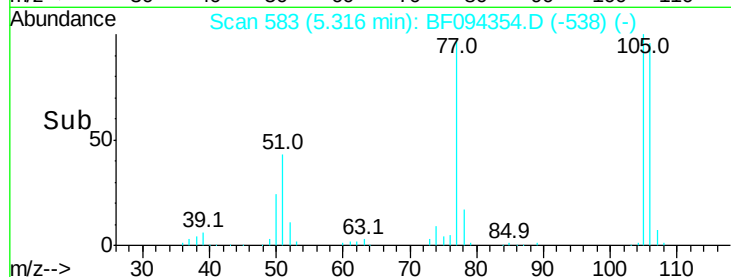
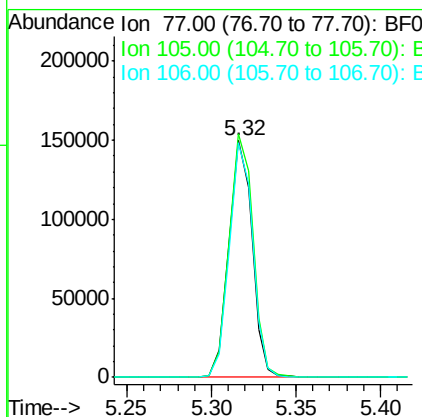
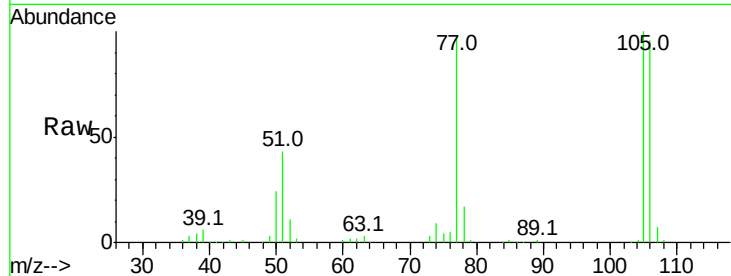
ClientSampleId :

PB98184BS

Tot Ion:	77	Resp:	143905
Ion	Ratio	Lower	Upper
77	100		
105	102.8	83.8	123.8
106	98.9	79.1	119.1

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#10

Phenol

Concen: 40.74 ng

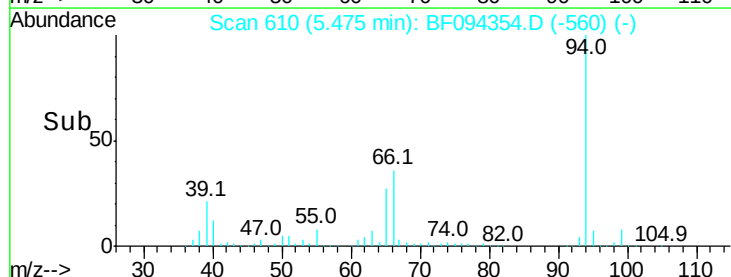
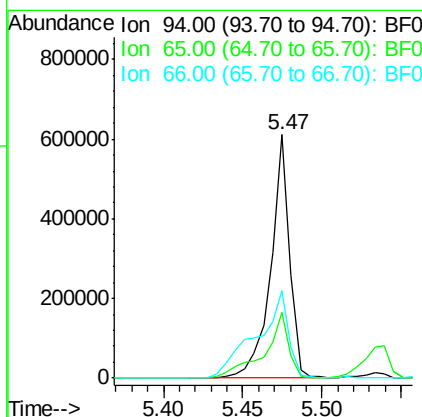
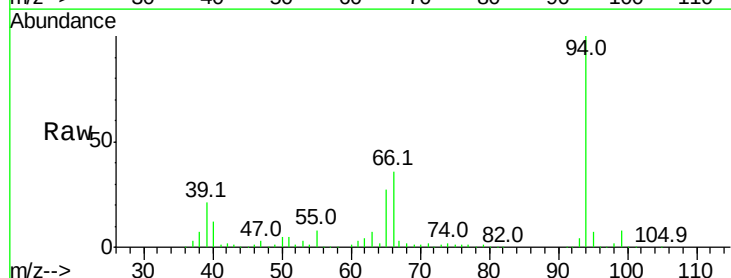
RT: 5.47 min Scan# 610

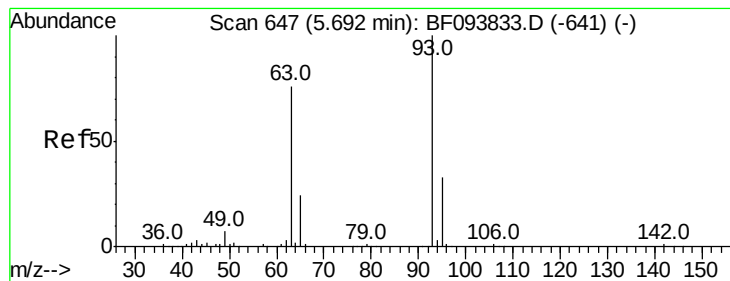
Delta R.T. -0.01 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Tgt Ion:	94	Resp:	513274
Ion	Ratio	Lower	Upper
94	100		
65	26.8	9.9	49.9
66	35.7	23.1	63.1





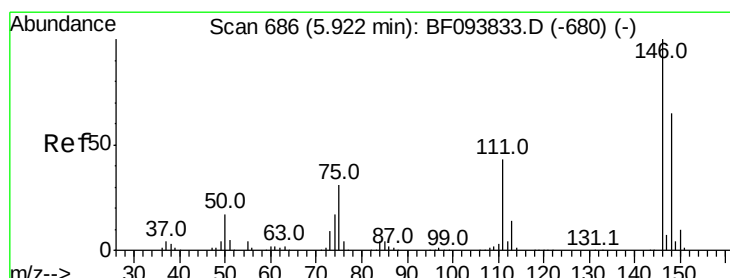
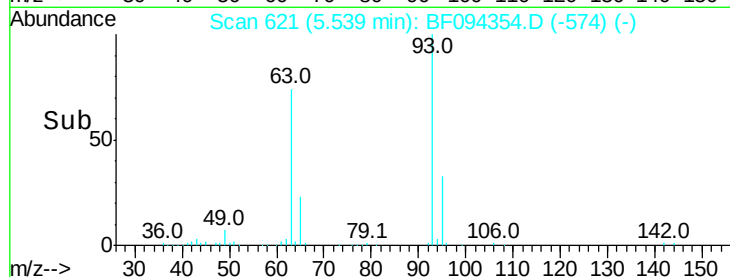
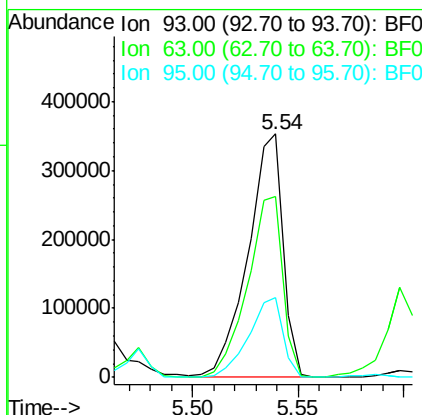
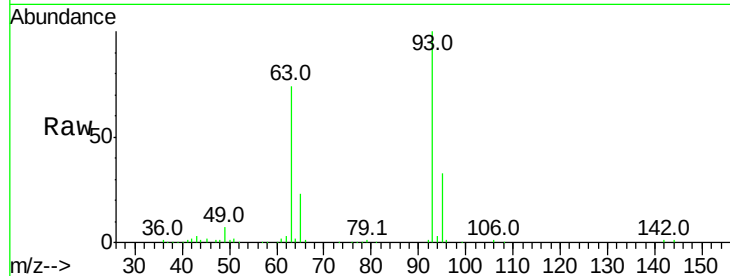
#11
bis(2-Chloroethyl)ether
Concen: 41.38 ng
RT: 5.54 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	407429		
63	74.1	59.2	99.2	
95	32.7	12.8	52.8	

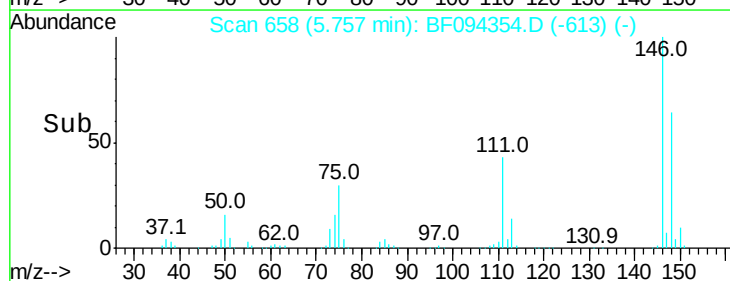
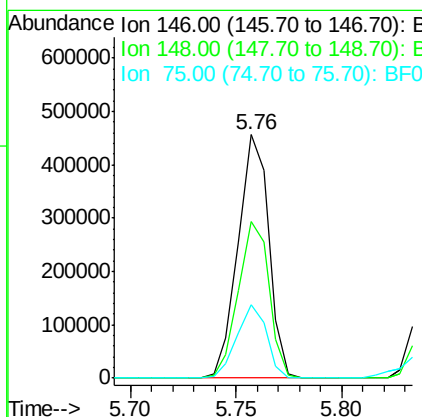
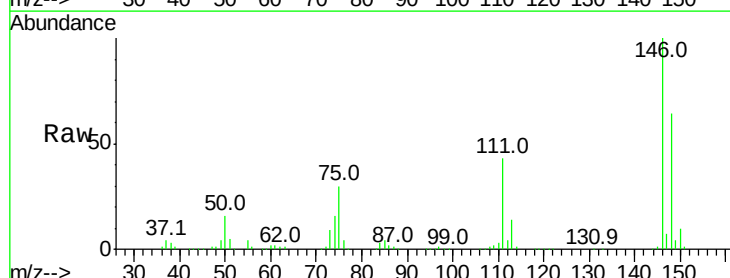
Manual Integrations
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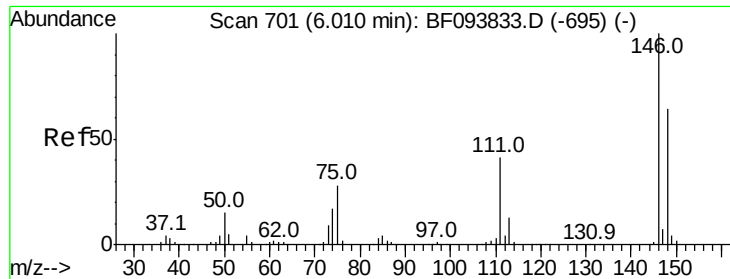
mohammad
4/12/2017 5:11:42 PM



#12
1,3-Dichlorobenzene
Concen: 41.60 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.04 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	458998		
148	64.4	51.8	77.6	
75	30.0	23.1	34.7	





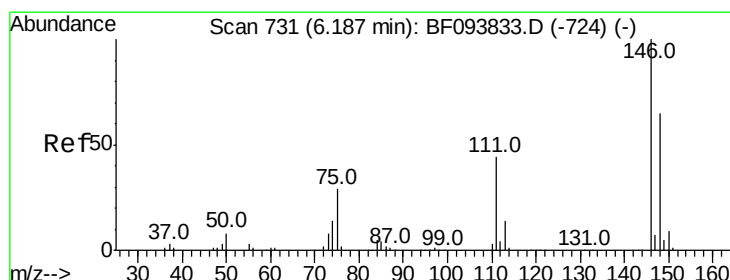
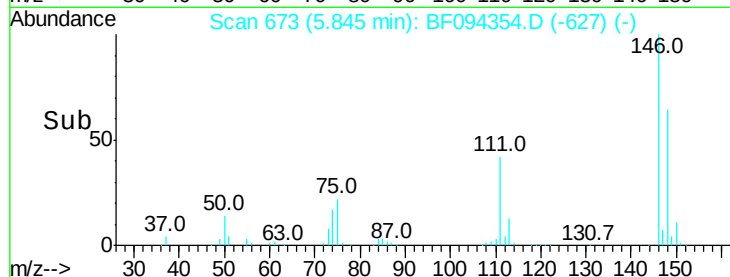
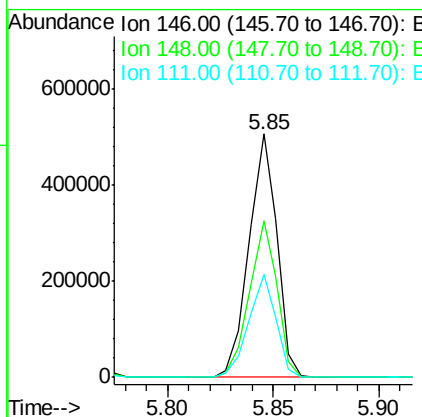
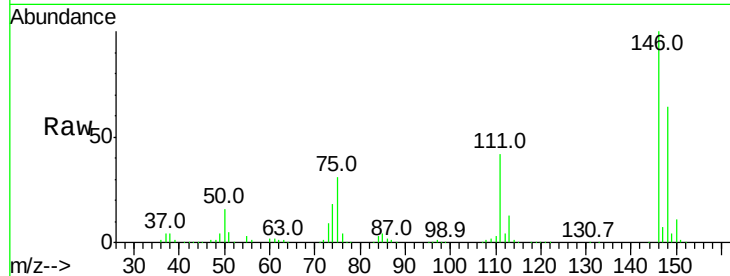
#13
 1,4-Dichlorobenzene
 Concen: 41.73 ng
 RT: 5.85 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98184BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	42.0	30.3	45.5

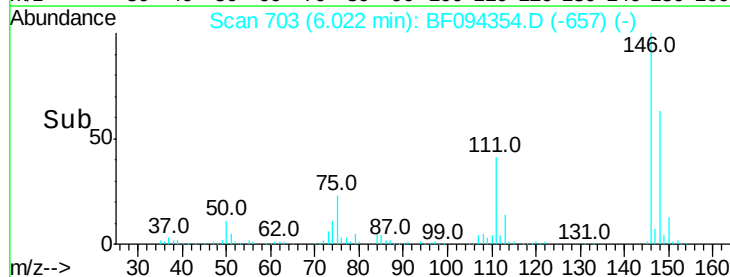
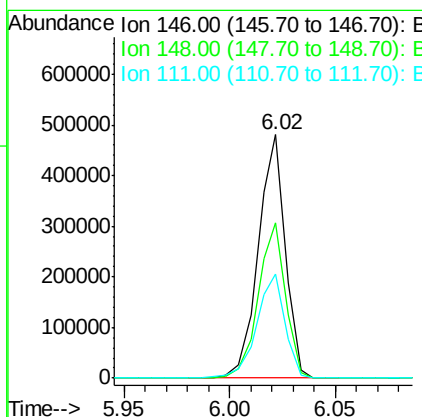
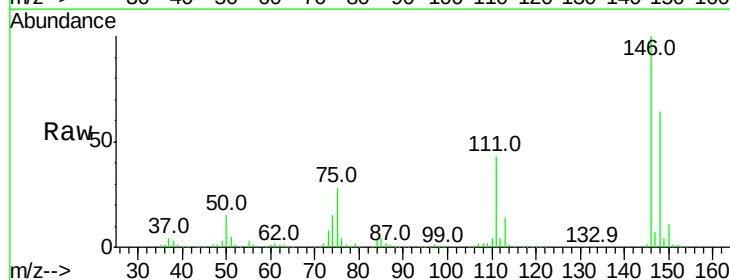
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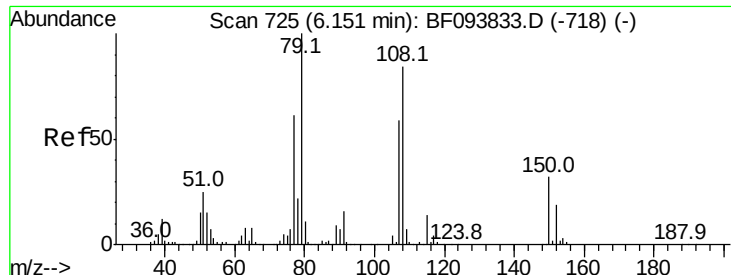
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.55 ng
 RT: 6.02 min Scan# 703
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	42.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 40.11 ng

RT: 6.00 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleID :

PB98184BS

Tot Ion: 79 Resp: 325028

Ion Ratio Lower Upper

79 100

108 78.8 63.4 95.0

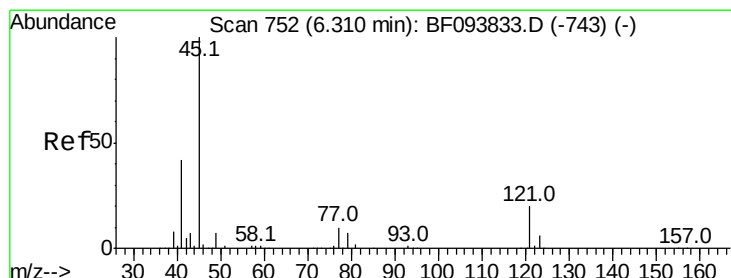
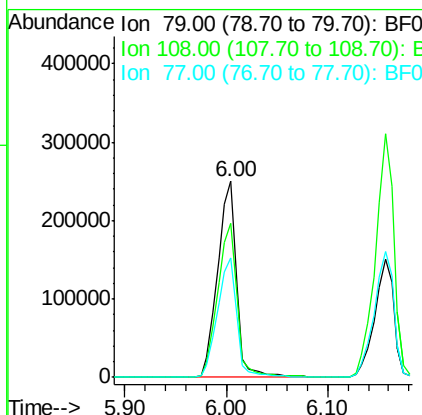
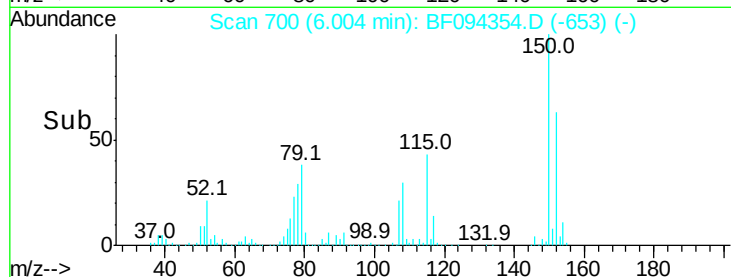
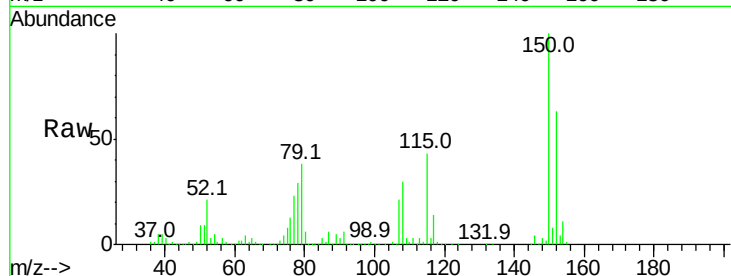
77 61.1 49.2 73.8

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.78 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

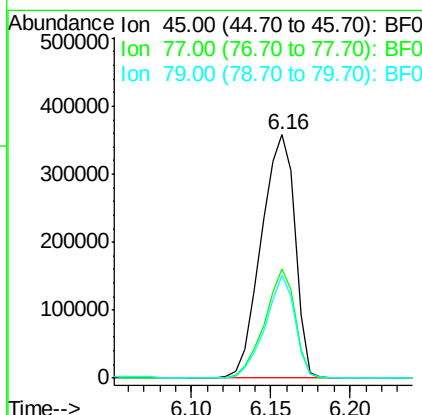
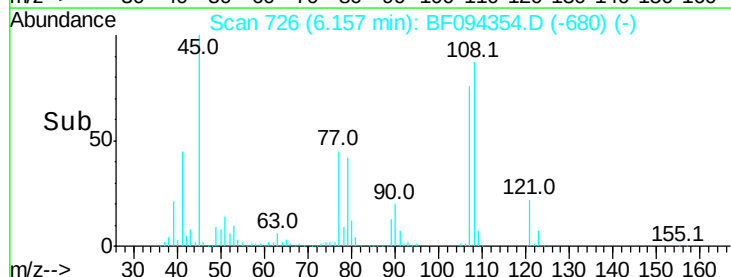
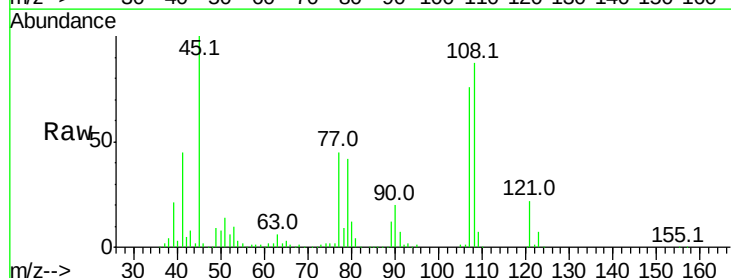
Tgt Ion: 45 Resp: 527589

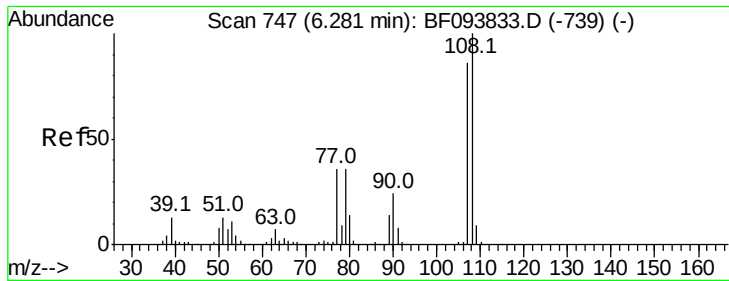
Ion Ratio Lower Upper

45 100

77 44.9 0.0 33.2#

79 42.1 0.0 30.0#





#17

2-Methylphenol

Concen: 41.30 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

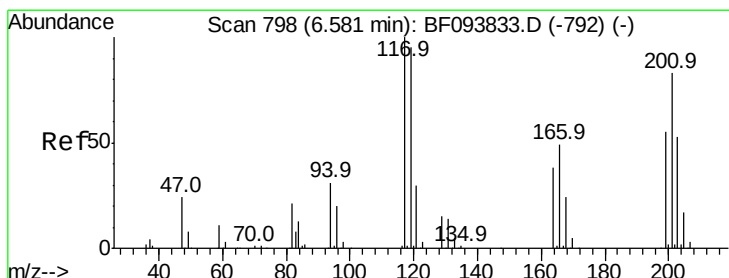
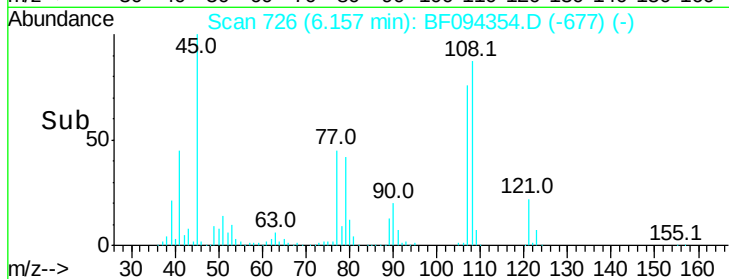
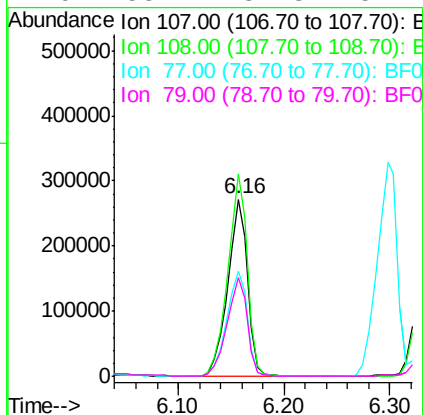
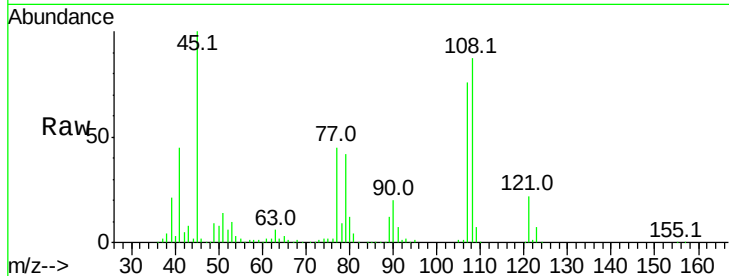
ClientSampleId :

PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	93.4	140.0	
77	59.1	35.8	53.6#	
79	55.4	34.8	52.2#	

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#18

Hexachloroethane

Concen: 41.23 ng

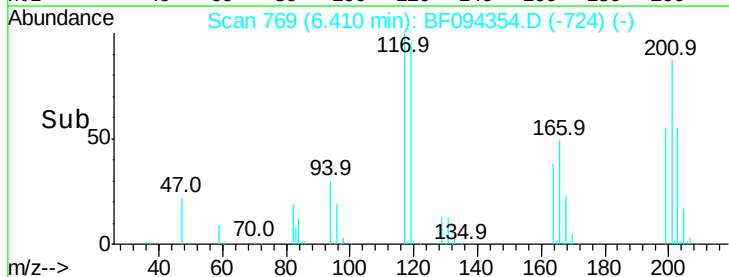
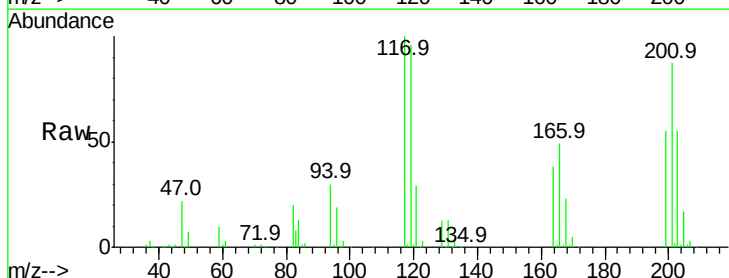
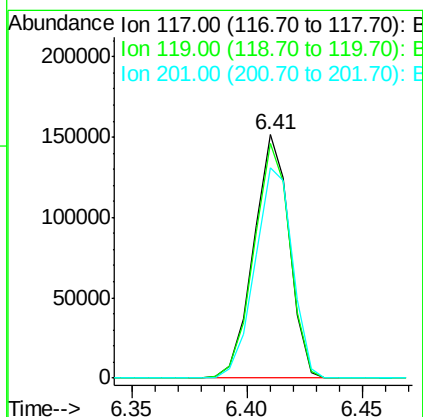
RT: 6.41 min Scan# 769

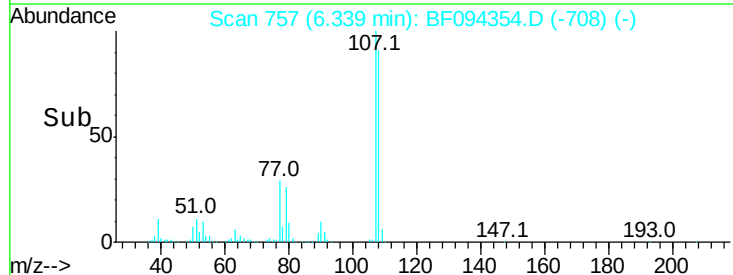
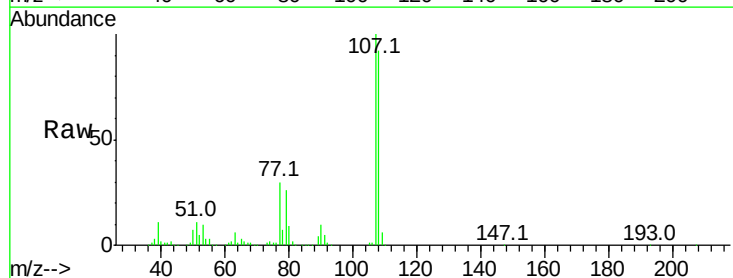
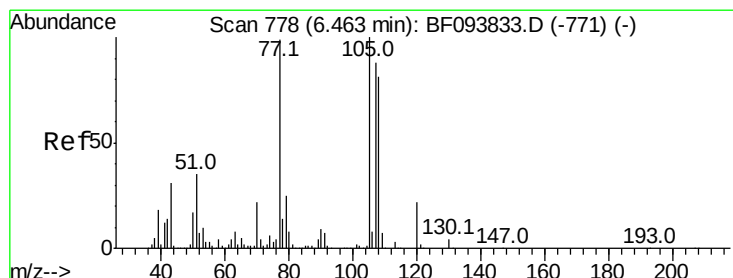
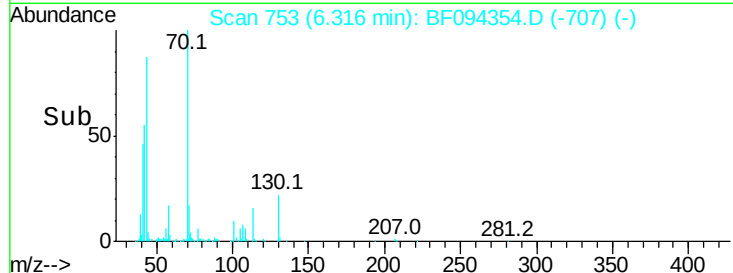
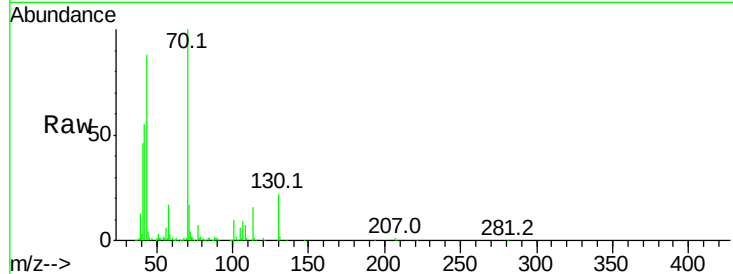
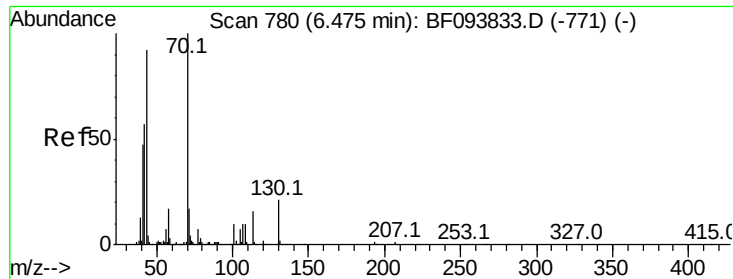
Delta R.T. -0.04 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

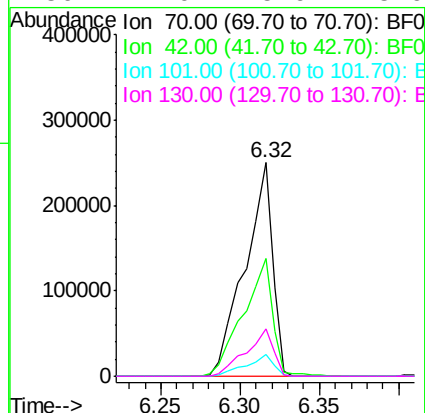
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	77.4	116.0	
201	86.6	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 42.57 ng
RT: 6.32 min Scan# 753
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.1	47.2	70.8
101	10.1	7.2	10.8
130	22.0	15.9	23.9



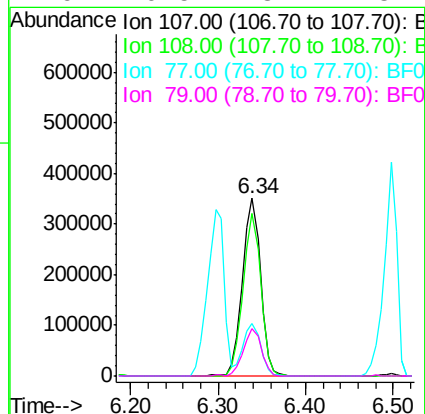
Instrument :
BNA_F
ClientSampleId :
PB98184BS

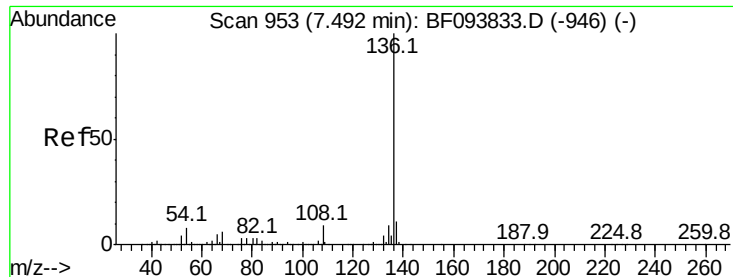
Manual Integrations
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#20
3+4-Methylphenols
Concen: 47.88 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.0	111.0
77	29.6	90.5	130.5#
79	26.5	8.4	48.4





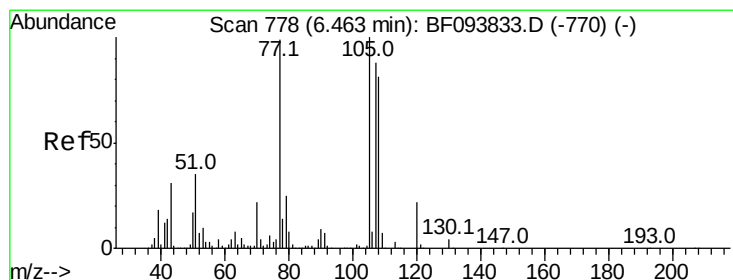
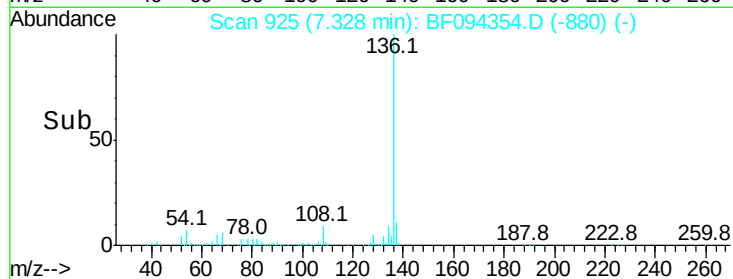
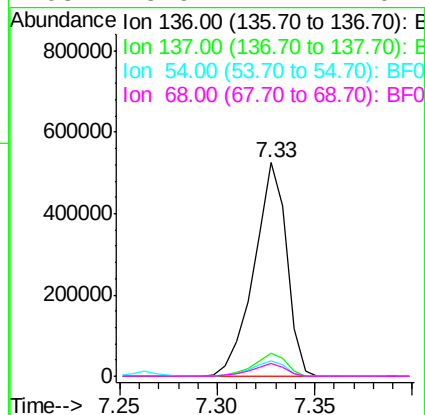
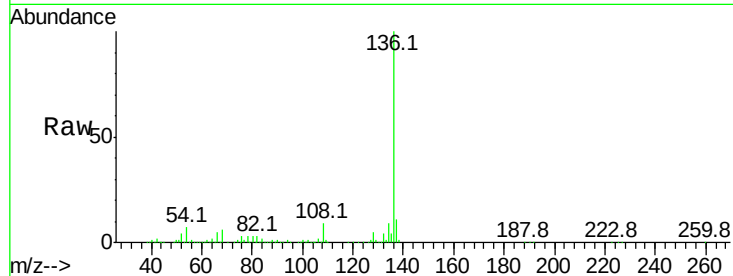
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.33 min Scan# 925
Delta R.T. -0.04 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	605860		
137	10.9		8.5	12.7
54	7.3		4.9	7.3
68	5.9		4.1	6.1

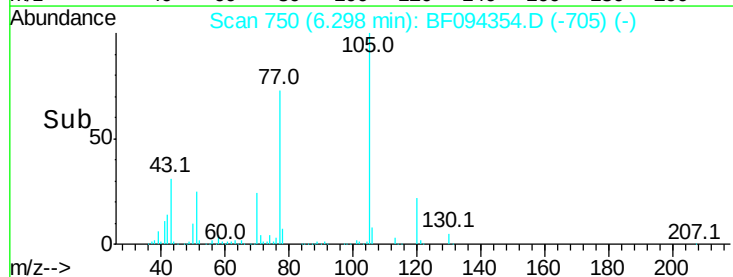
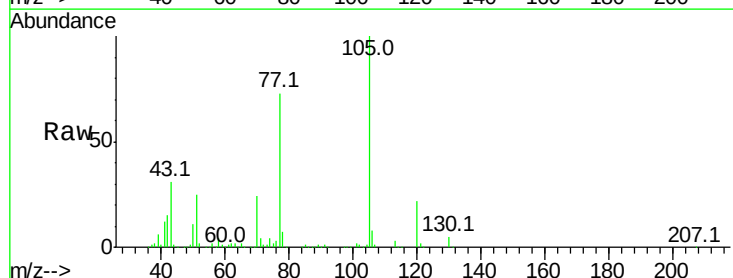
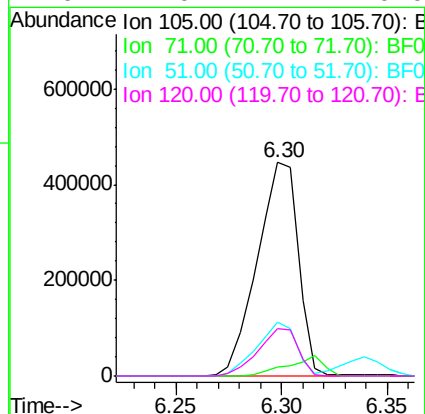
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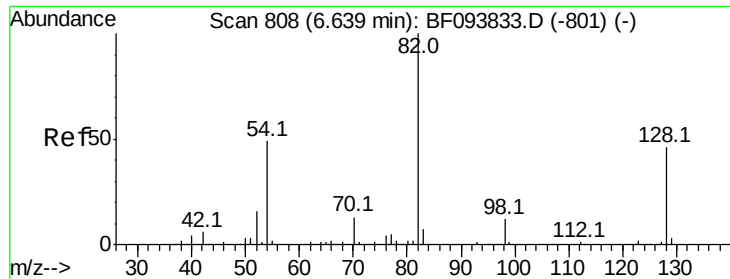
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#22
Acetophenone
Concen: 44.60 ng
RT: 6.30 min Scan# 750
Delta R.T. -0.04 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	602294		
71	4.2		2.8	4.2
51	25.3		30.7	46.1#
120	22.0		17.4	26.0





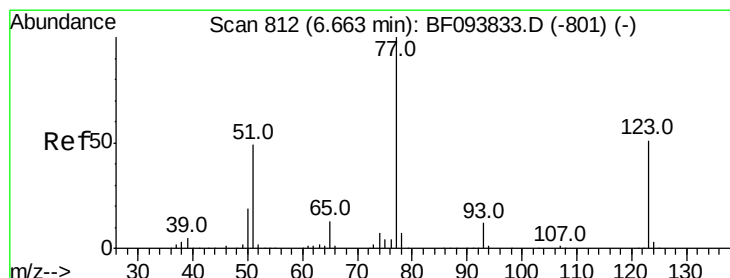
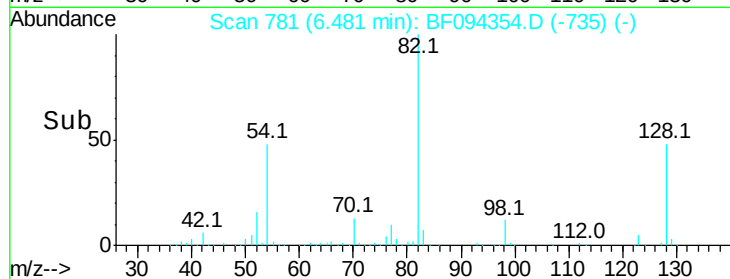
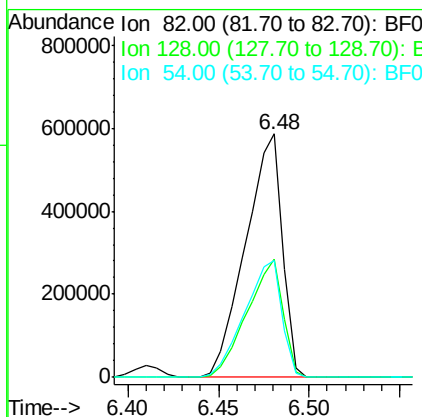
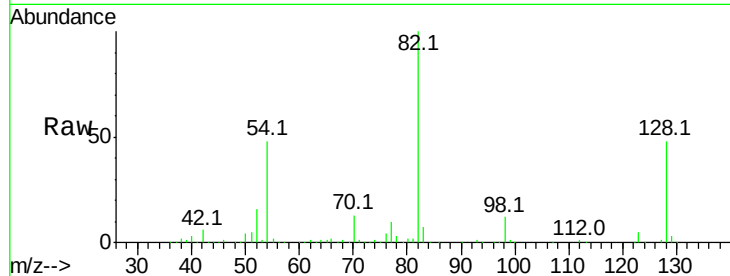
#23
Nitrobenzene-d5
Concen: 77.85 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98184BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	48.1	42.2	63.2

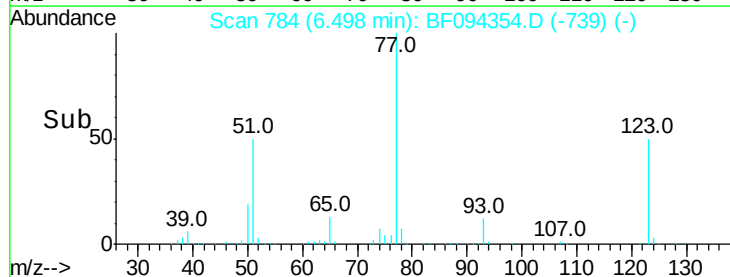
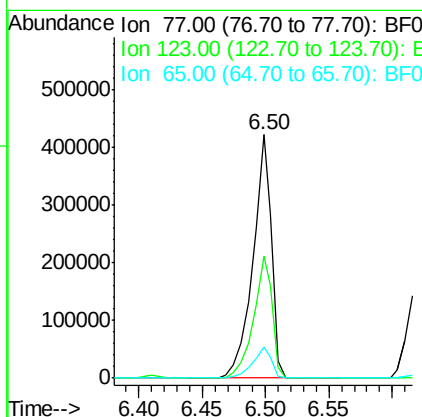
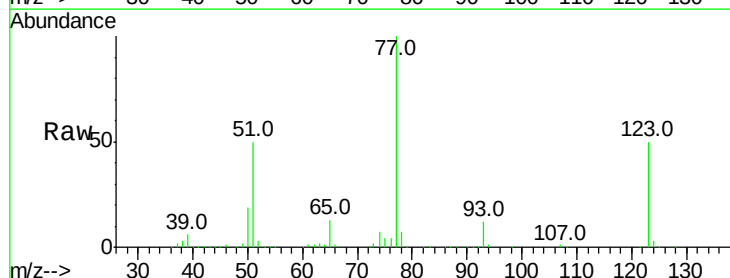
Manual Integrations
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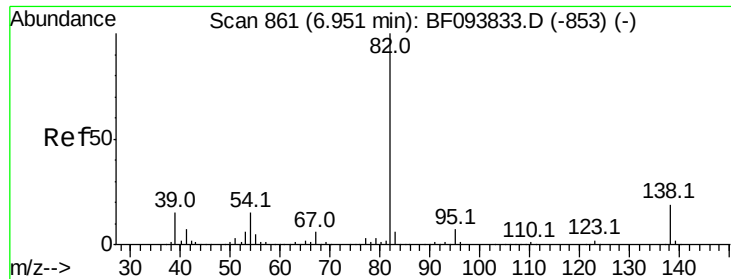
mohammad
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#24
Nitrobenzene
Concen: 41.24 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.04 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	35.8	53.8
65	12.9	10.6	15.8





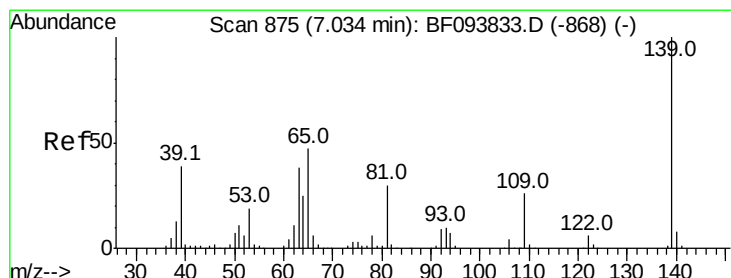
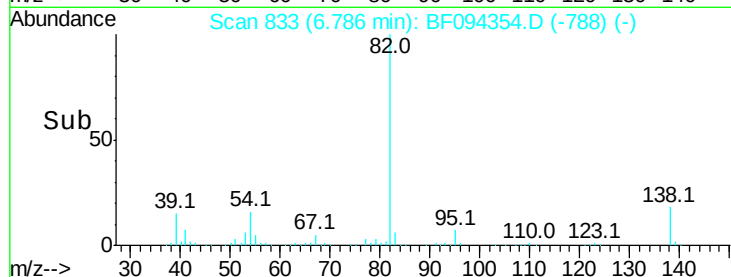
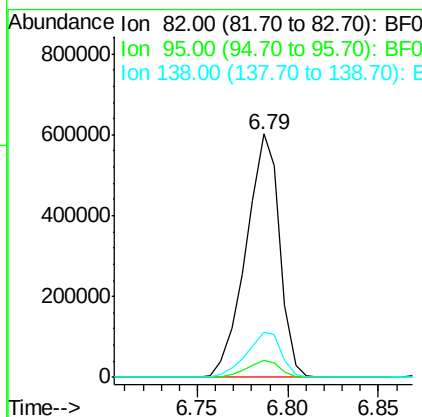
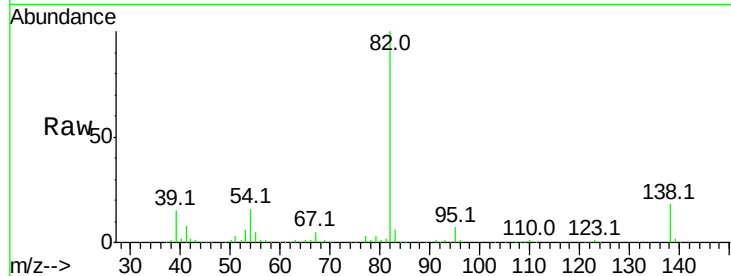
#25
Isophorone
Concen: 41.62 ng
RT: 6.79 min Scan# 833
Delta R.T. -0.04 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	776329		
95	6.8		5.3	7.9
138	18.4		13.1	19.7

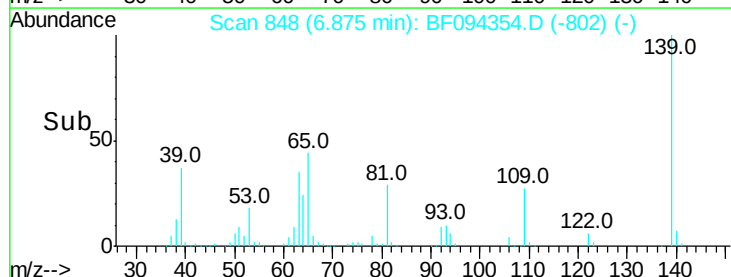
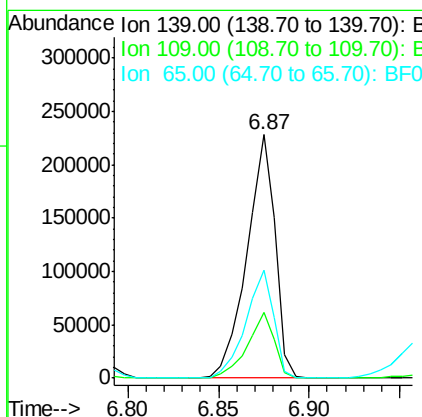
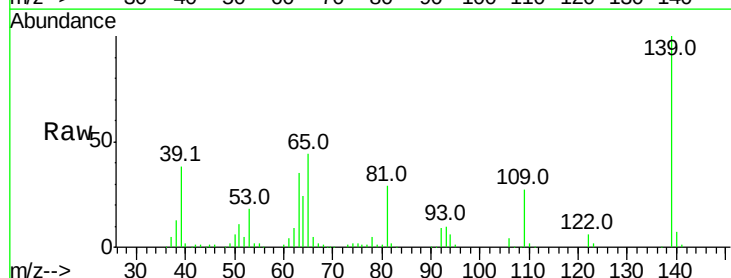
Manual Integrations
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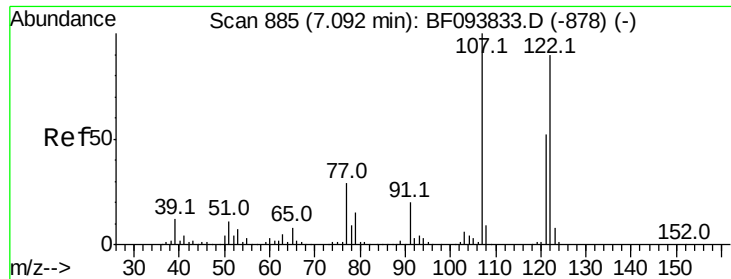
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#26
2-Nitrophenol
Concen: 49.24 ng
RT: 6.87 min Scan# 848
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	245880		
109	26.7		21.0	31.6
65	44.4		33.0	49.6





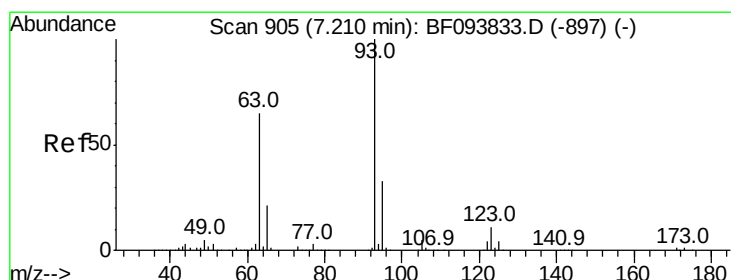
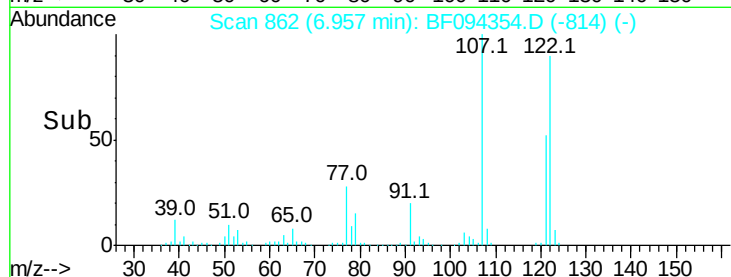
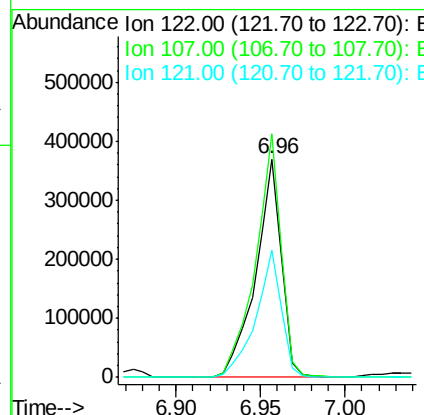
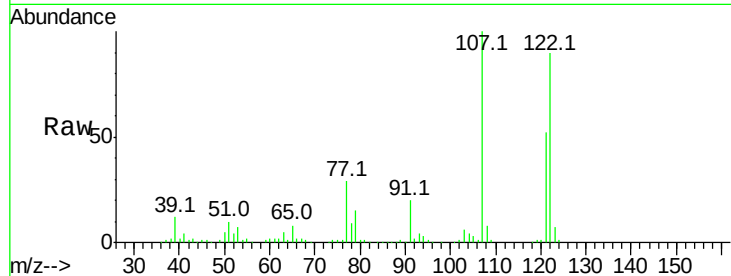
#27
 2,4-Dimethylphenol
 Concen: 45.84 ng
 RT: 6.96 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampled :
 PB98184BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.4	89.2	133.8
121	58.1	45.2	67.8

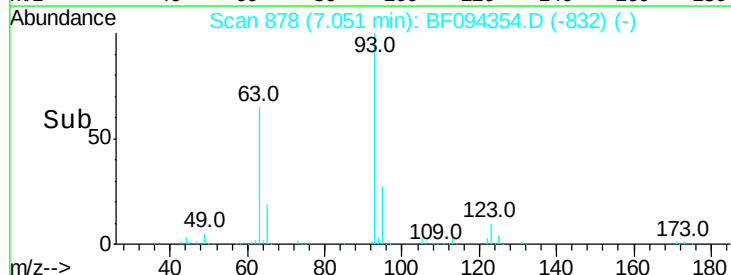
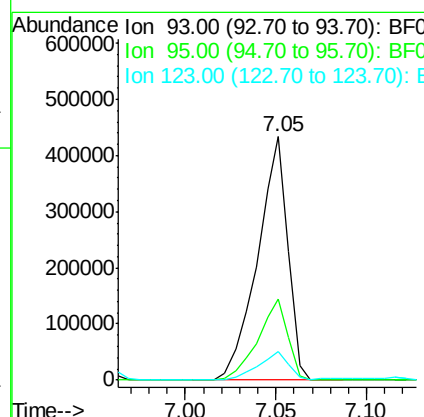
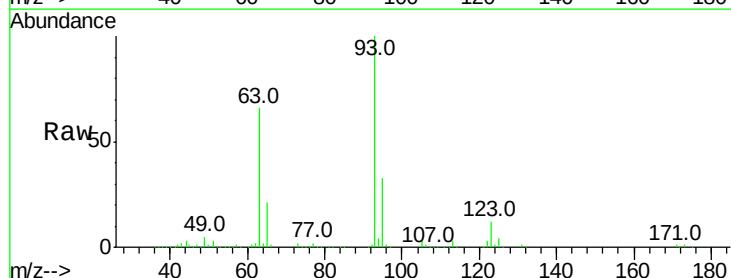
Manual Integrations
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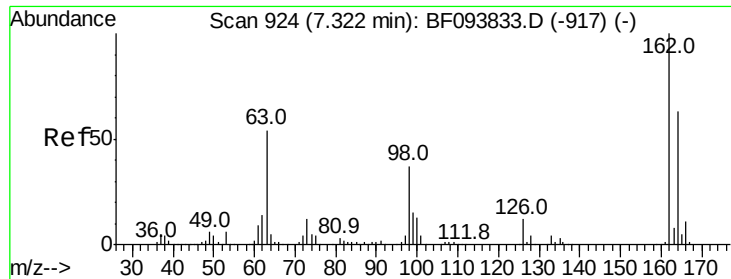
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.81 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.5	39.7
123	11.5	9.0	13.4





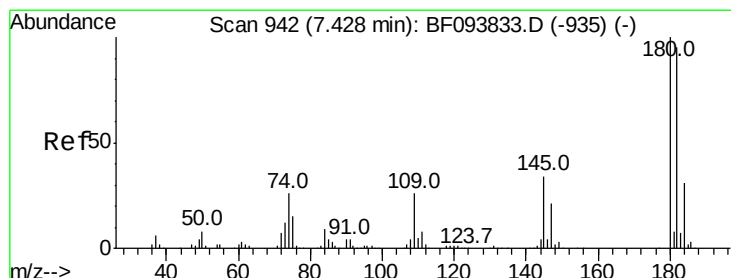
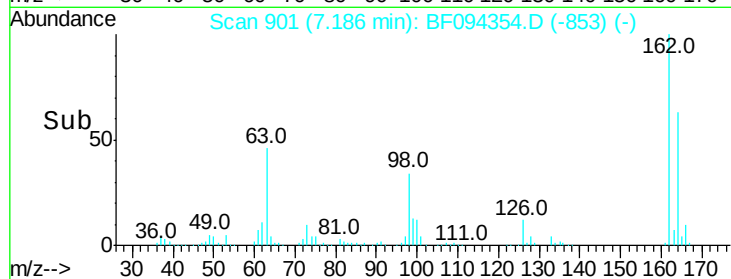
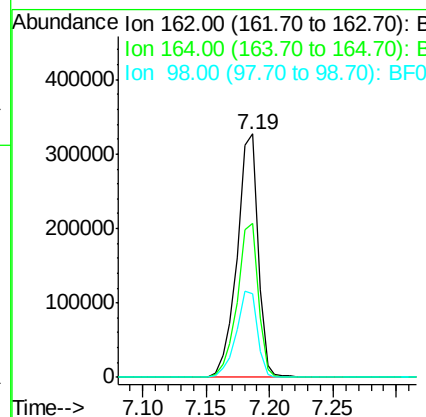
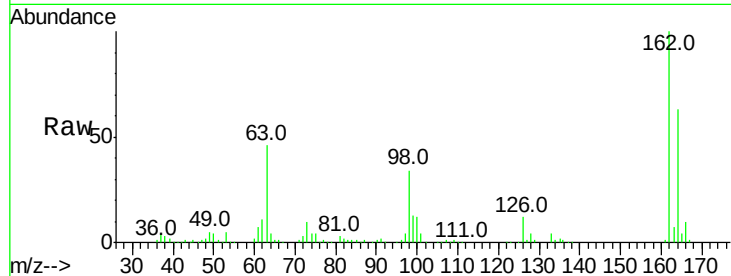
#29
 2,4-Dichlorophenol
 Concen: 46.23 ng
 RT: 7.19 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	371858		
164	63.5	44.6	84.6	
98	34.3	14.8	54.8	

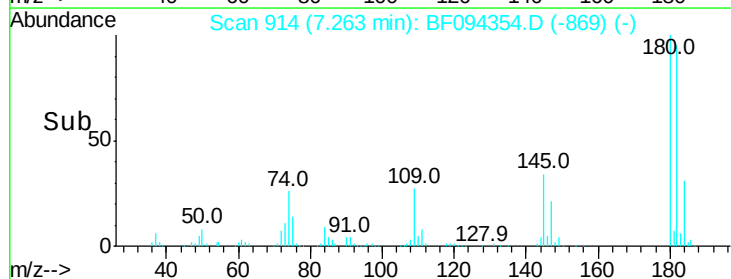
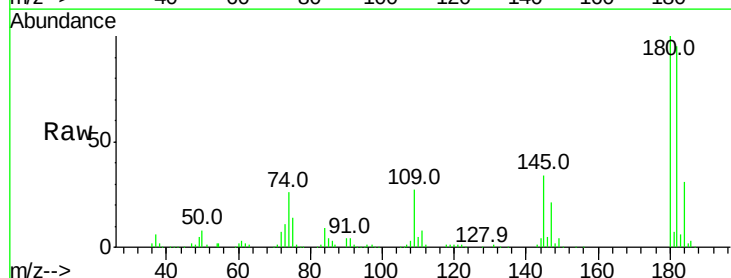
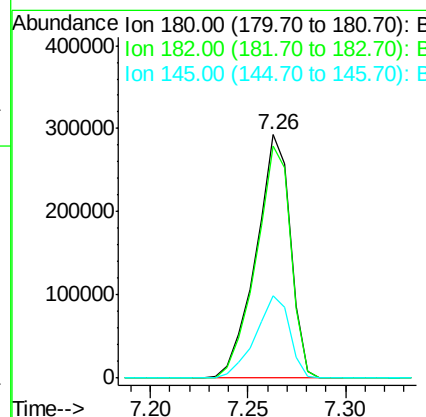
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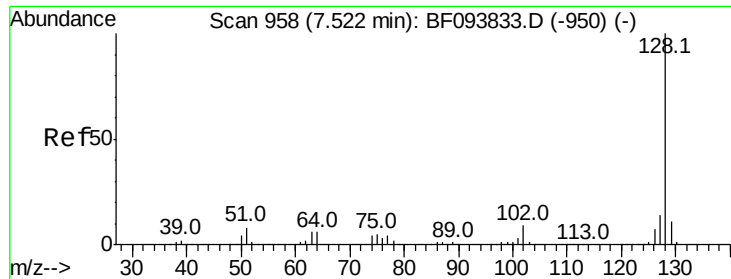
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.06 ng
 RT: 7.26 min Scan# 914
 Delta R.T. -0.04 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	356786		
182	95.1	75.8	113.6	
145	34.1	25.3	37.9	





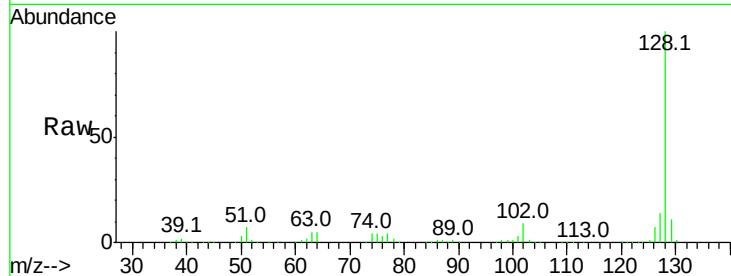
#31
Naphthalene
Concen: 41.70 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98184BS

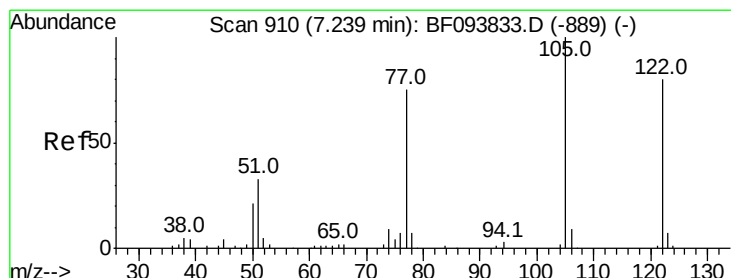
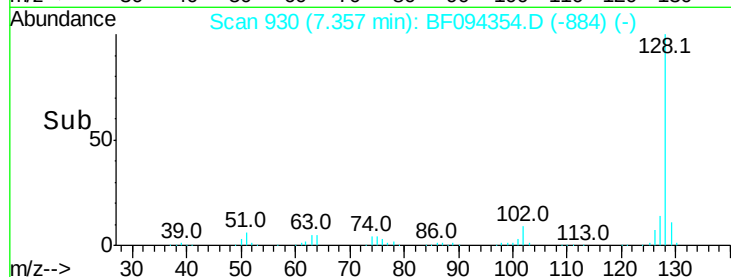
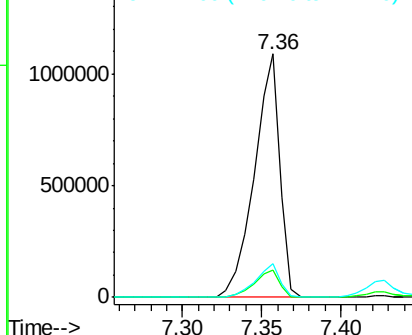
Tot Ion:128 Resp: 1214706
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.6 10.8 16.2

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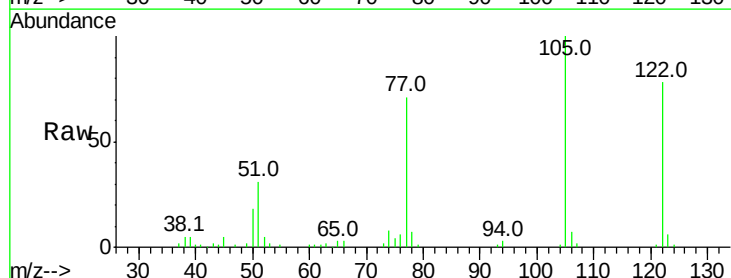


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

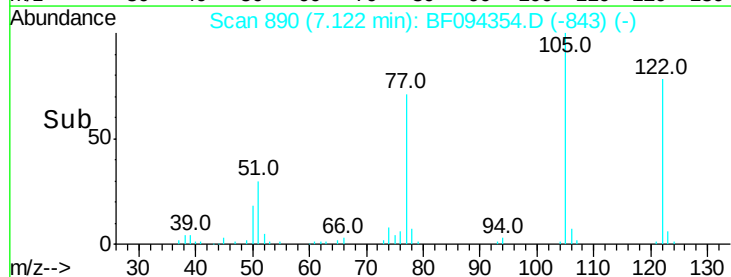
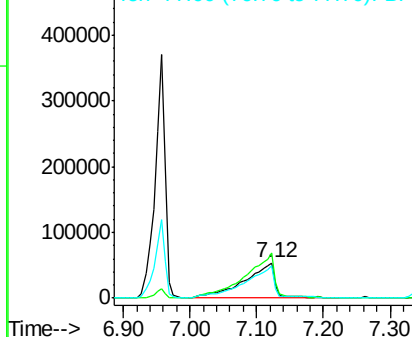


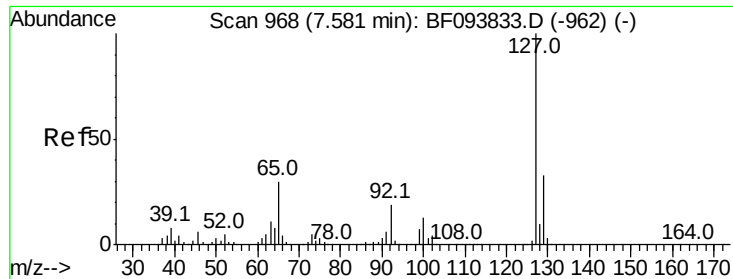
#32
Benzoic acid
Concen: 29.13 ng
RT: 7.12 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion:122 Resp: 166820
Ion Ratio Lower Upper
122 100
105 127.8 103.3 143.3
77 90.9 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





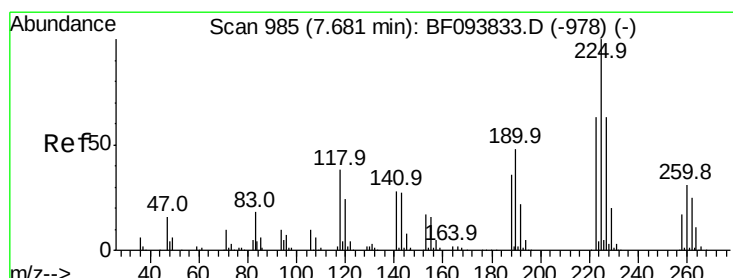
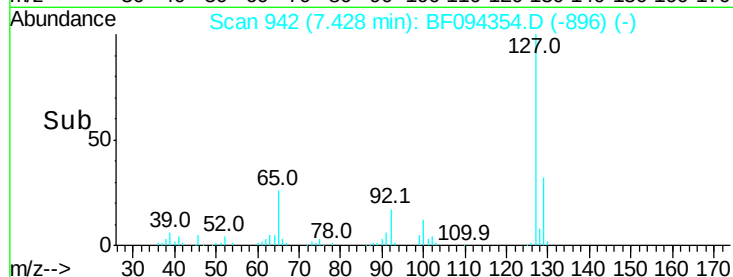
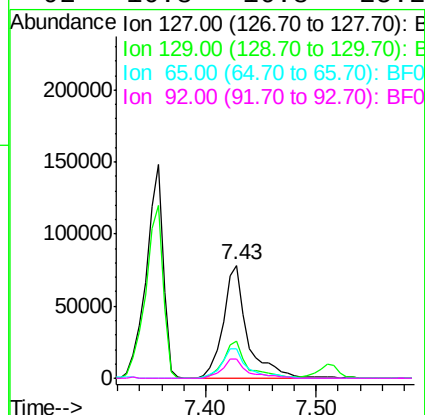
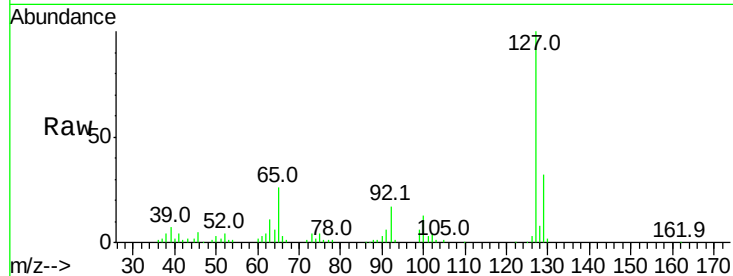
#33
4-Chloroaniline
Concen: 9.99 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.2	39.2	
65	26.0	27.8	41.8	
92	16.8	16.8	25.2	

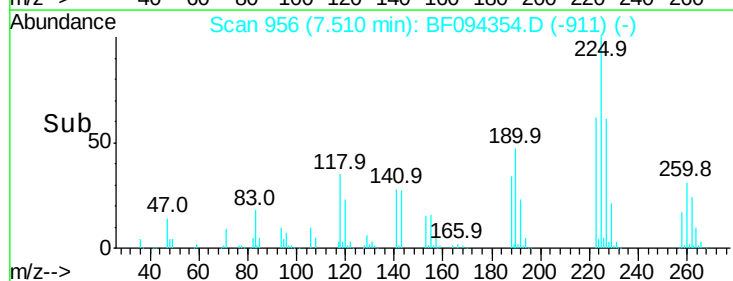
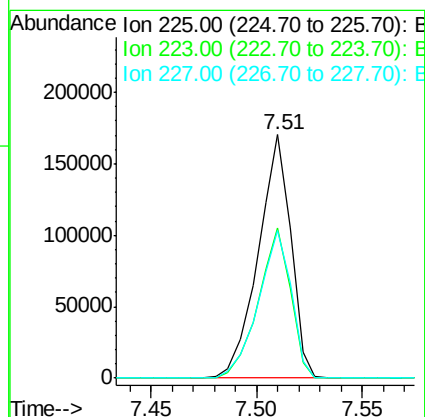
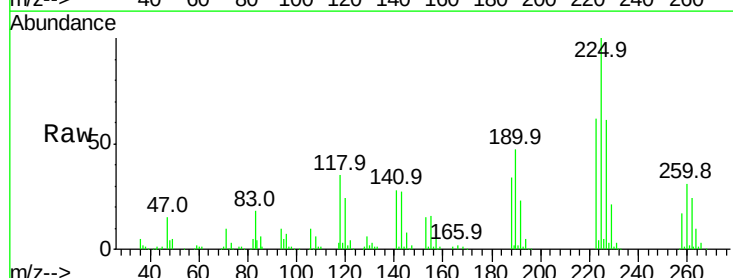
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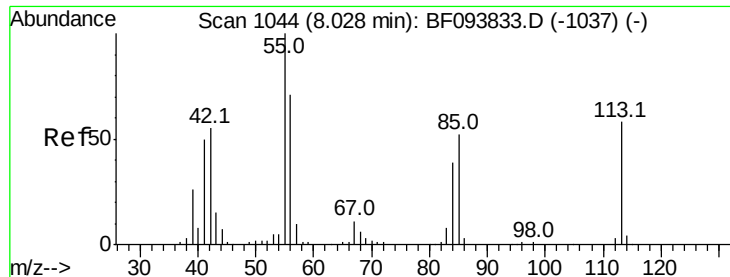
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#34
Hexachlorobutadiene
Concen: 42.94 ng
RT: 7.51 min Scan# 956
Delta R.T. -0.04 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	48.8	73.2	
227	60.5	51.1	76.7	





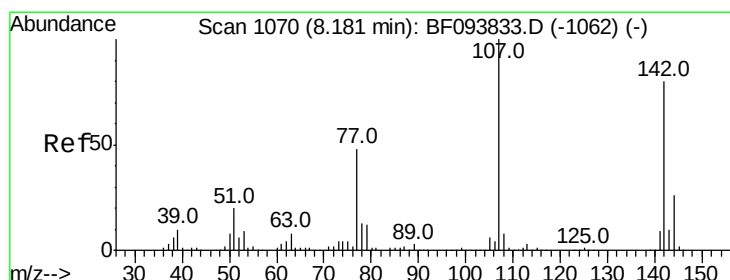
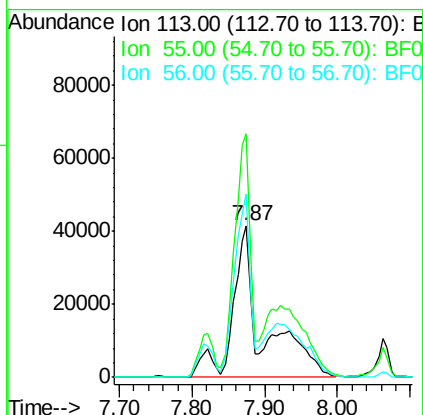
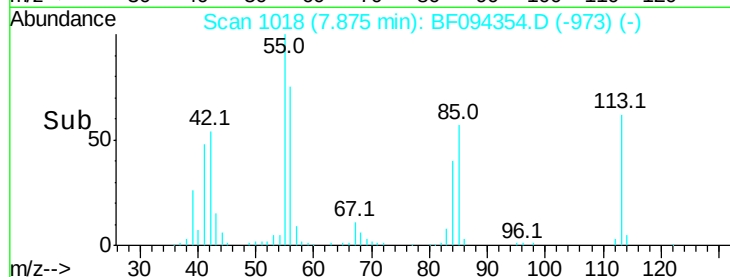
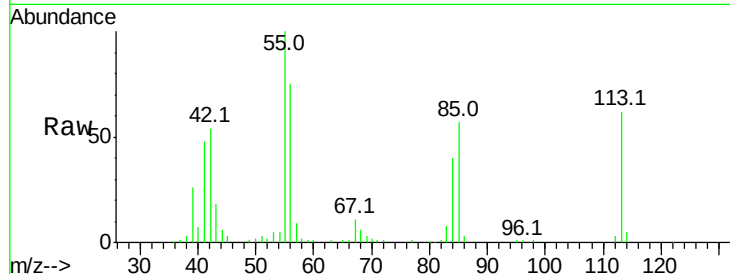
#35
Caprolactam
Concen: 46.40 ng/ml
RT: 7.87 min Scan# 1018
Delta R.T. -0.04 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98184BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	160.1	150.2	190.2		
56	120.8	107.8	147.8		

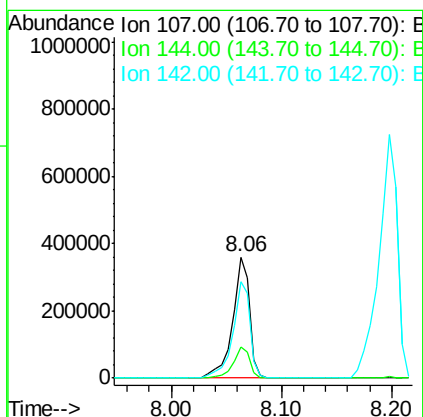
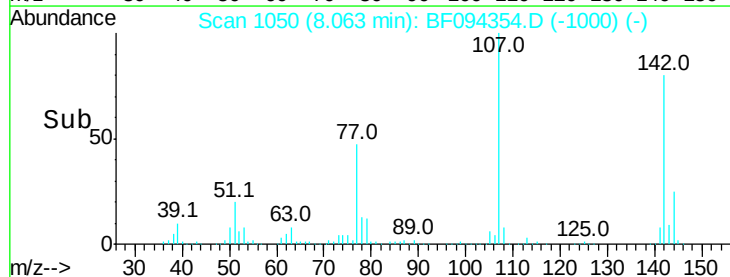
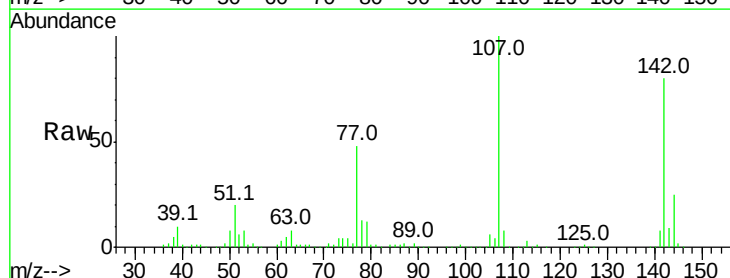
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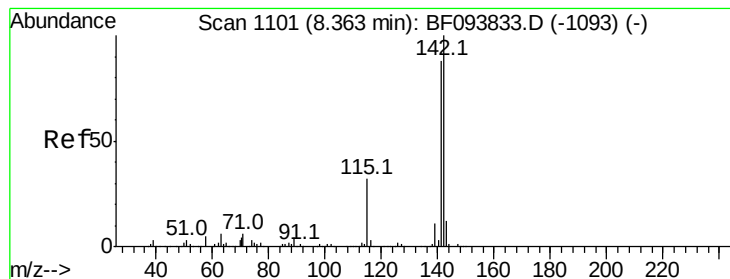
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#36
4-Chloro-3-methylphenol
Concen: 46.35 ng/ml
RT: 8.06 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.4	24.2	36.4		
142	79.7	73.4	110.0		





#37

2-Methylnaphthalene

Concen: 44.07 ng

RT: 8.20 min Scan# 1073

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

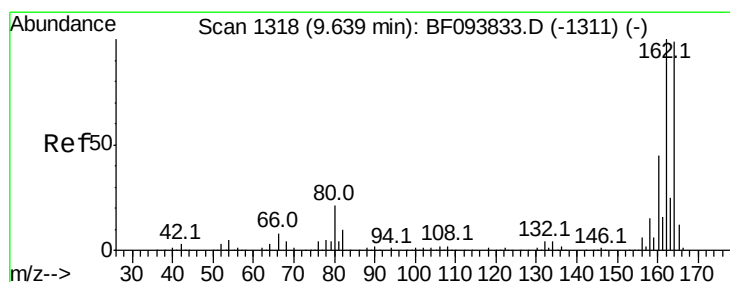
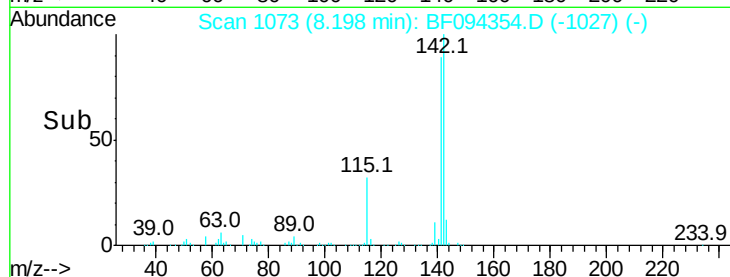
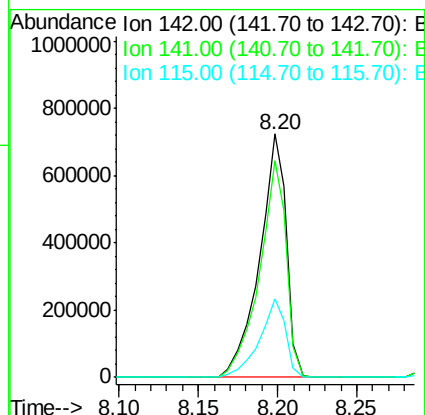
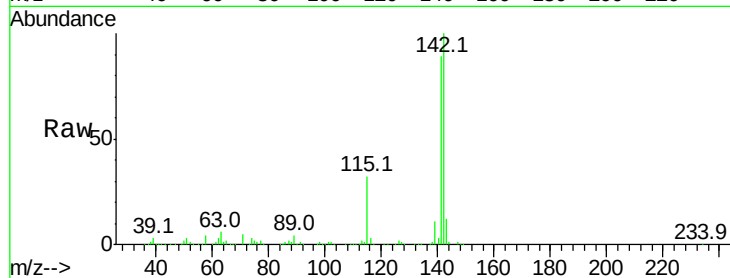
ClientSampleId :

PB98184BS

Tot Ion:	142	Resp:	855837
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.3	106.9
115	32.2	27.1	40.7

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.00 ng

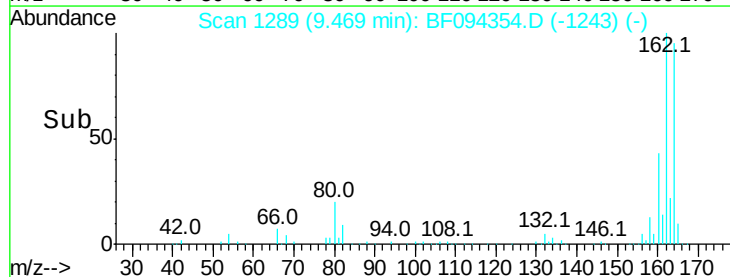
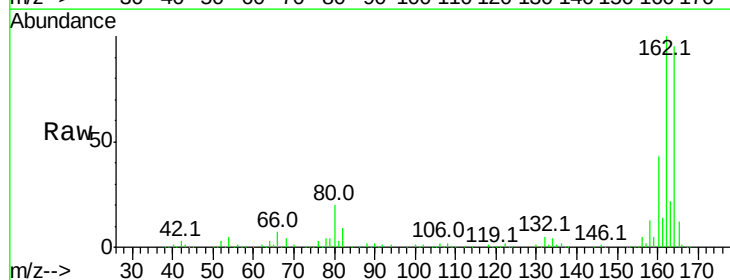
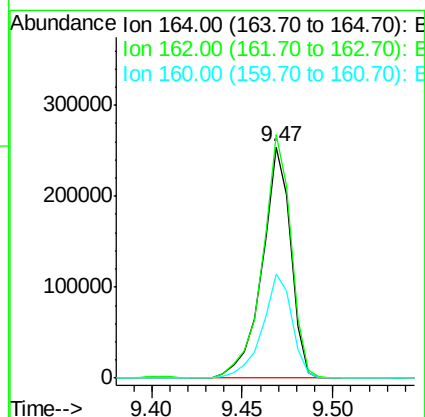
RT: 9.47 min Scan# 1289

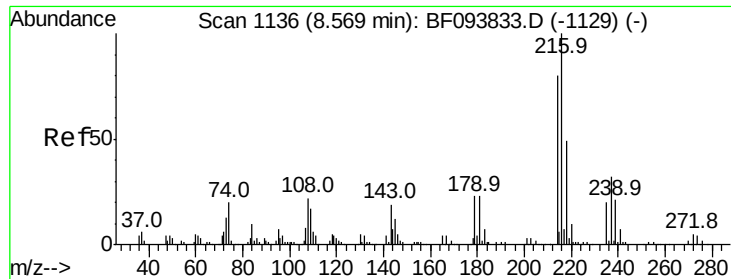
Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Tgt Ion:	164	Resp:	277960
Ion Ratio	Lower	Upper	
164	100		
162	105.3	82.6	123.8
160	45.0	36.2	54.2





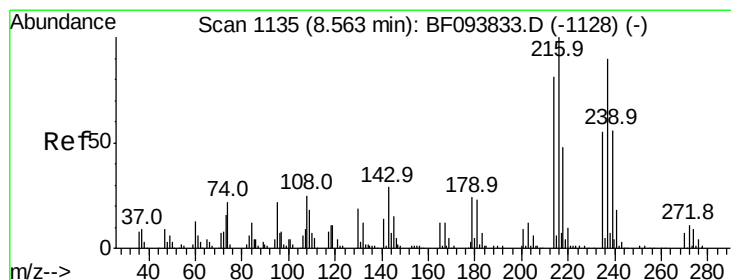
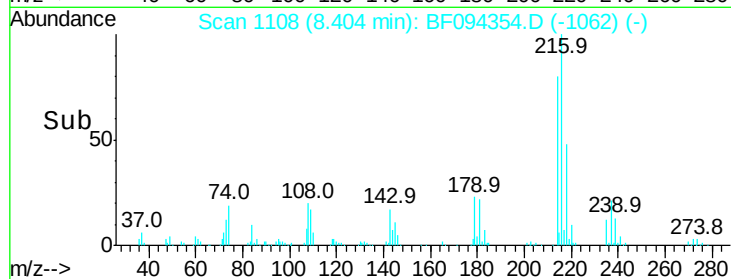
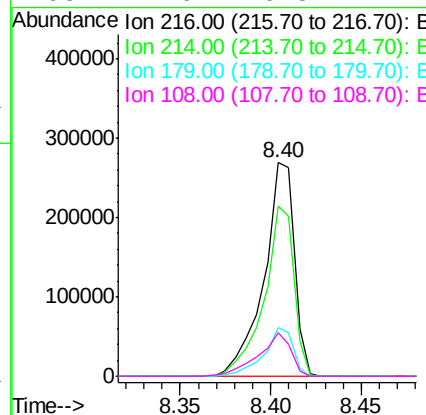
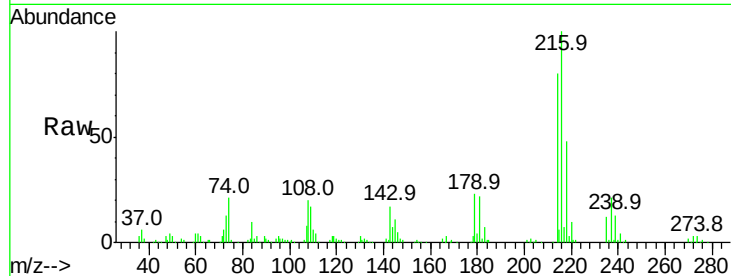
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.48 ng
 RT: 8.40 min Scan# 1108
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	315397		
214	78.0		63.4	95.2
179	22.0		17.9	26.9
108	21.6		16.5	24.7

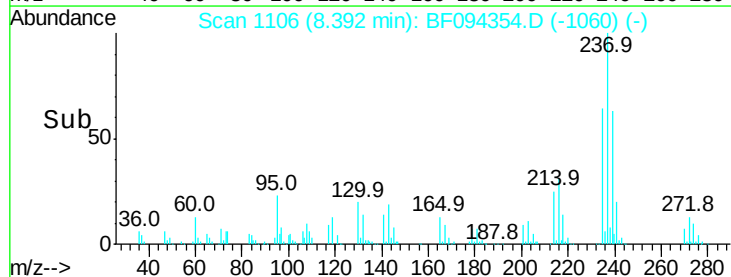
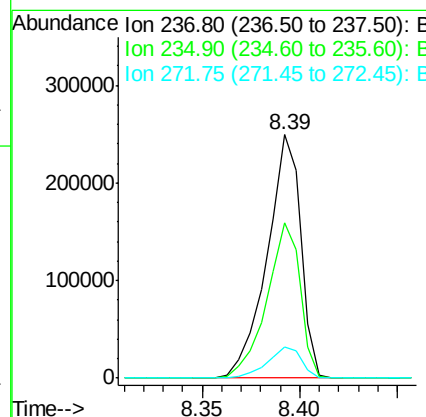
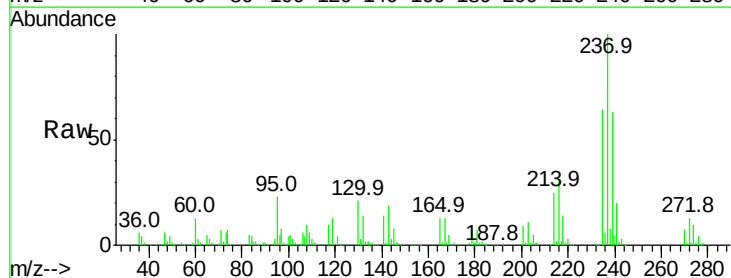
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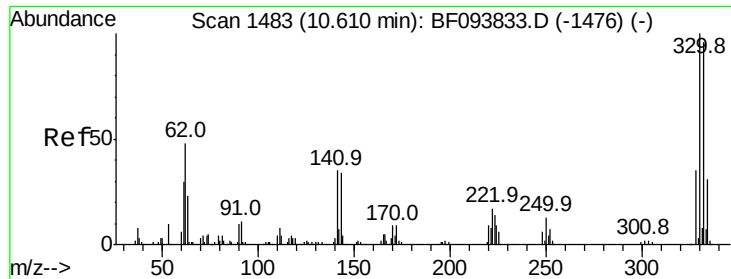
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#40
 Hexachlorocyclopentadiene
 Concen: 83.78 ng
 RT: 8.39 min Scan# 1106
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	298127		
235	63.7		42.6	82.6
272	12.9		0.0	31.9





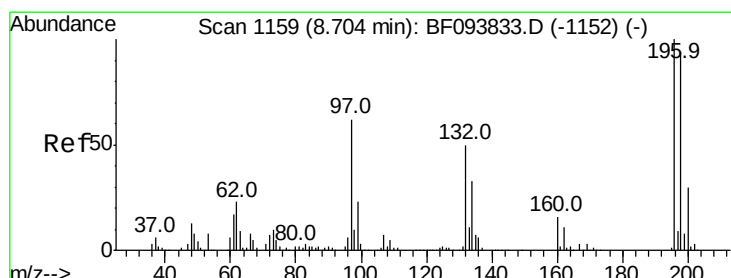
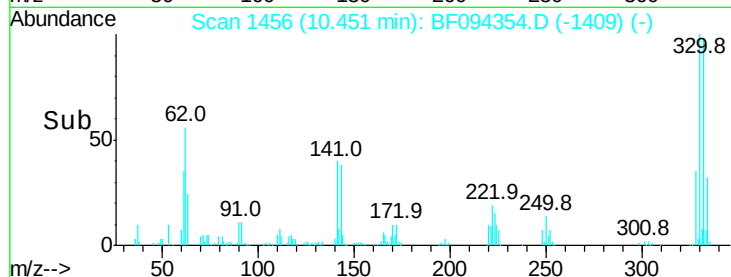
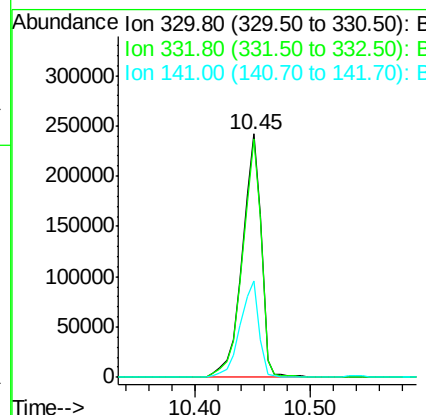
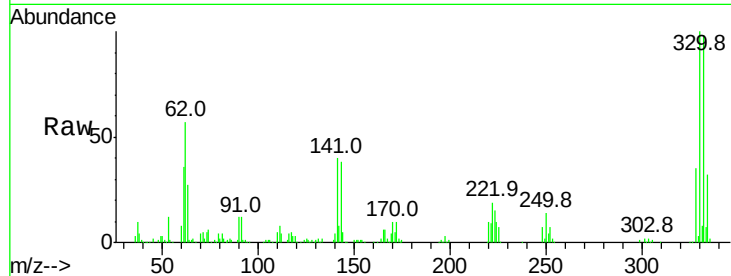
#41
 2,4,6-Tribromophenol
 Concen: 125.55 ng
 RT: 10.45 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	275767		
332	96.9	76.6	115.0	
141	39.8	31.4	47.2	

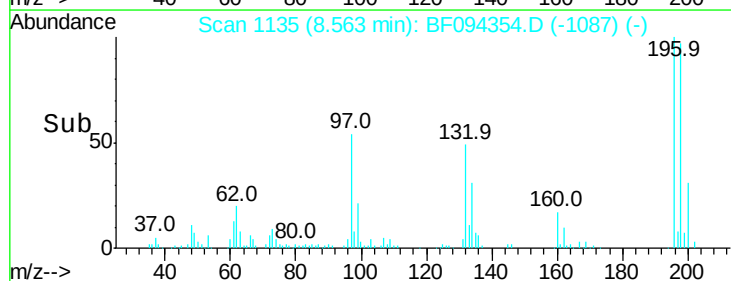
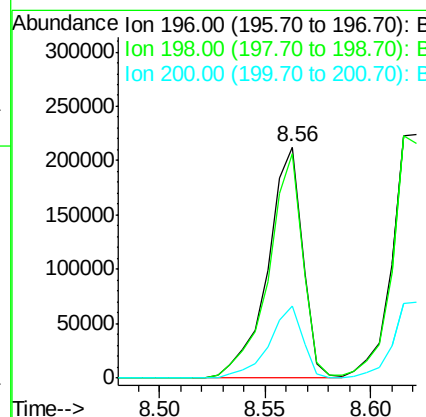
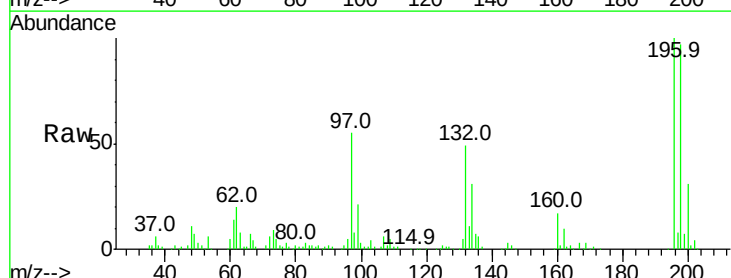
Manual Integrations
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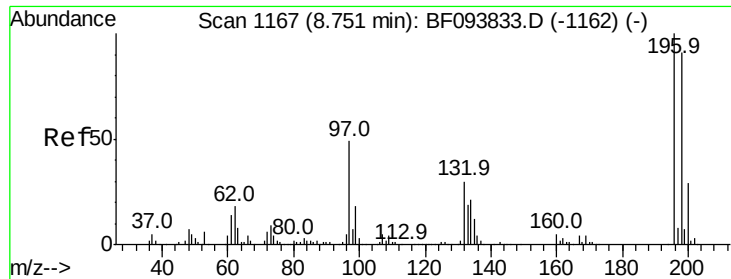
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#42
 2,4,6-Trichlorophenol
 Concen: 45.48 ng
 RT: 8.56 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	244661		
198	97.2	74.2	111.4	
200	31.0	24.0	36.0	





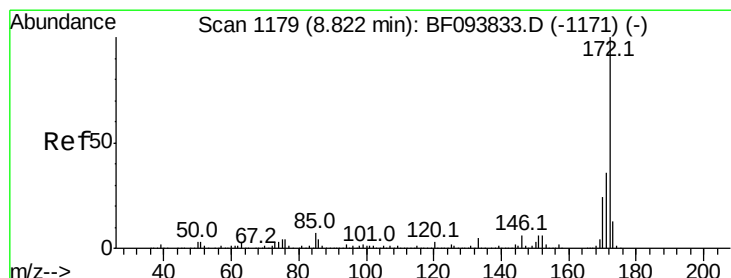
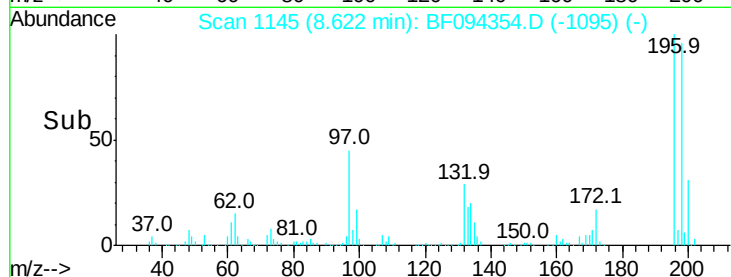
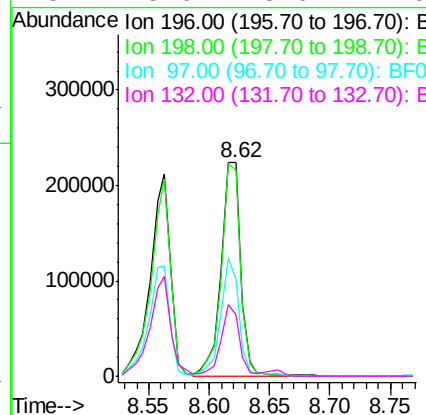
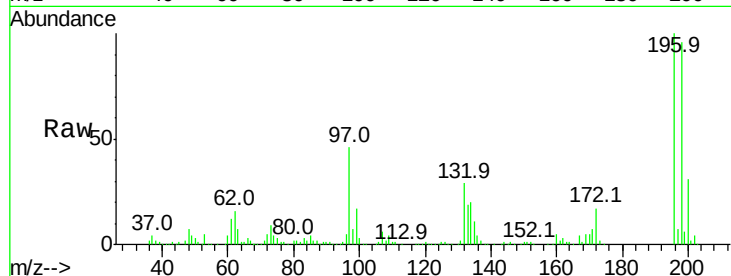
#43
 2,4,5-Trichlorophenol
 Concen: 42.87 ng
 RT: 8.62 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98184BS

Tot Ion:	196	Resp:	249556
Ion Ratio	Lower	Upper	
196	100		
198	96.4	75.7	113.5
97	45.5	47.7	71.5#
132	28.6	28.0	42.0

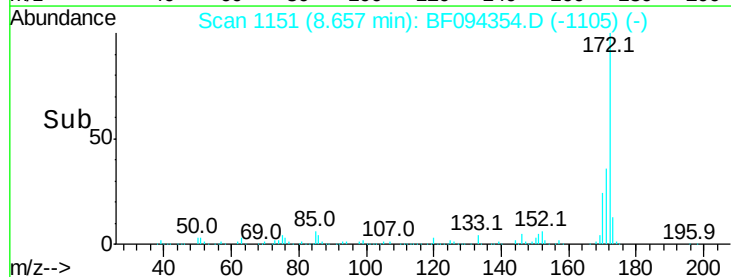
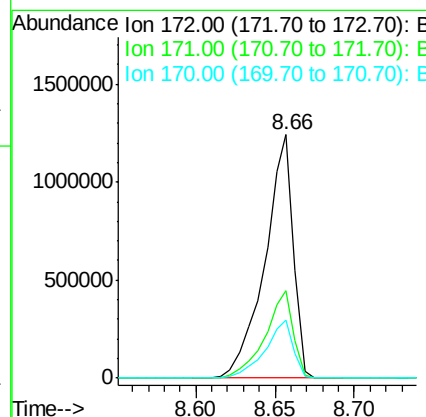
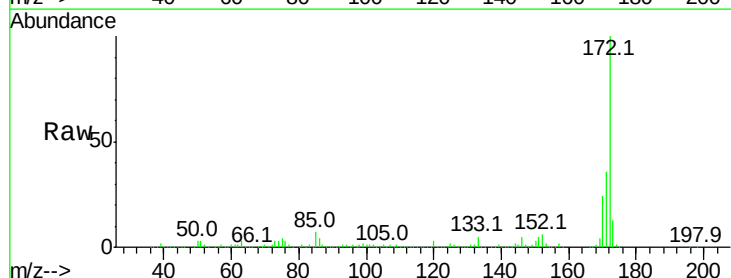
Manual Integrations
 APPROVED

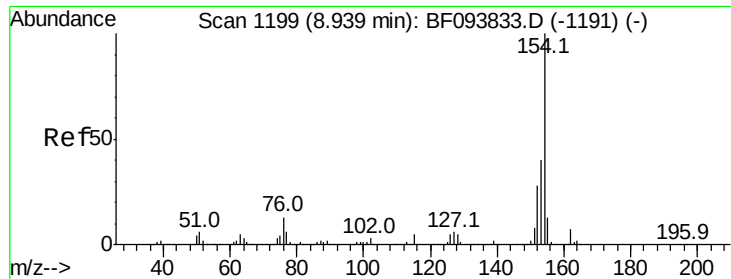
mohammad
 4/12/2017 5:11:42 PM



#44
 2-Fluorobiphenyl
 Concen: 85.00 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion:	172	Resp:	1549086
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	24.1	19.8	29.8





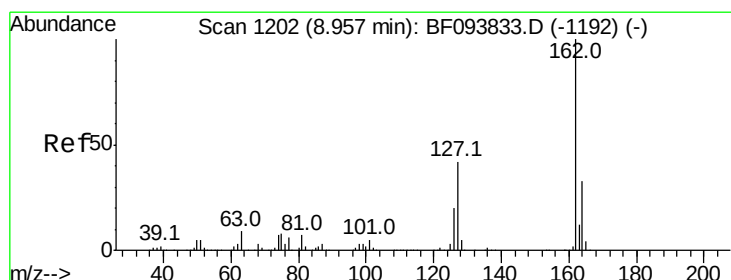
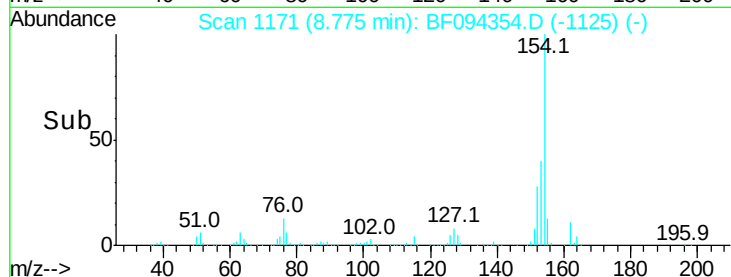
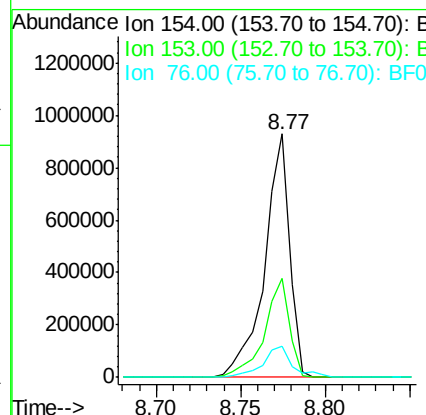
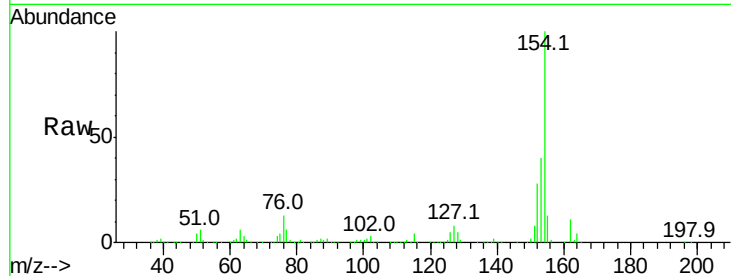
#45
1,1'-Biphenyl
Concen: 42.42 ng
RT: 8.77 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	21.2	61.2	
76	12.7	0.0	29.9	

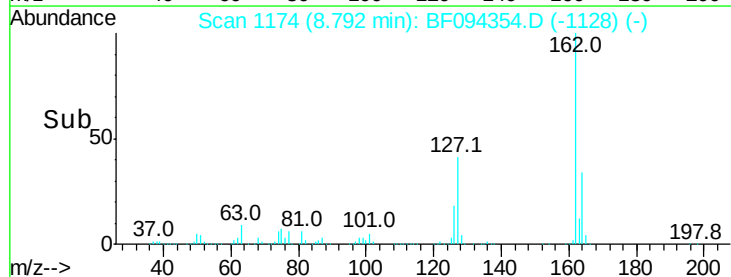
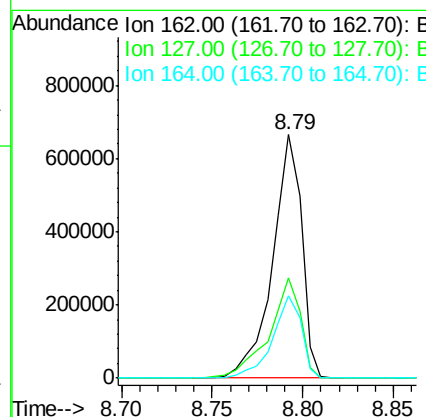
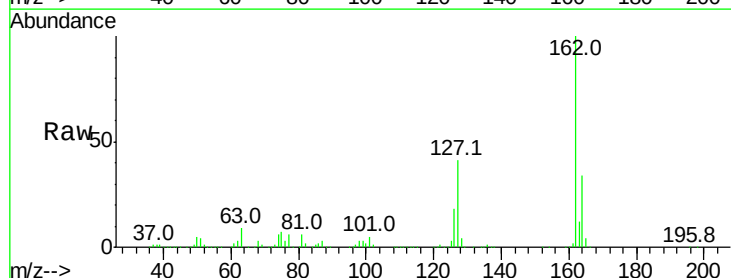
Manual Integrations
APPROVED

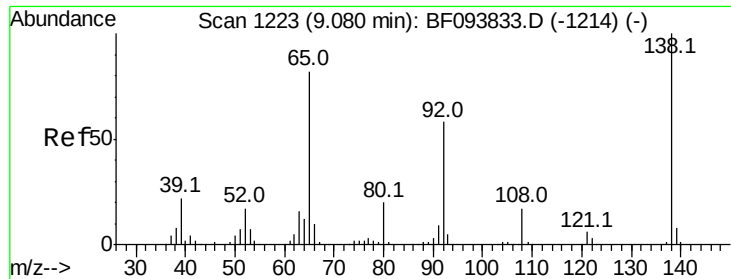
mohammad
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#46
2-Chloronaphthalene
Concen: 42.45 ng
RT: 8.79 min Scan# 1174
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.3	28.3	42.5	
164	33.7	27.0	40.4	





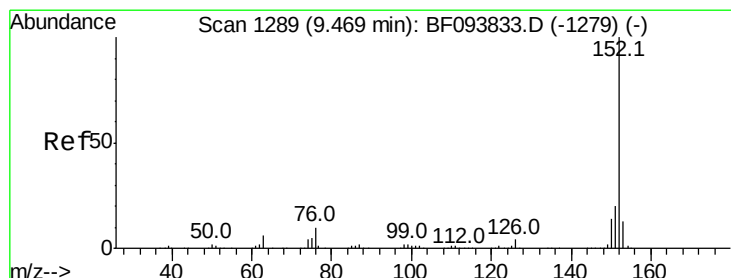
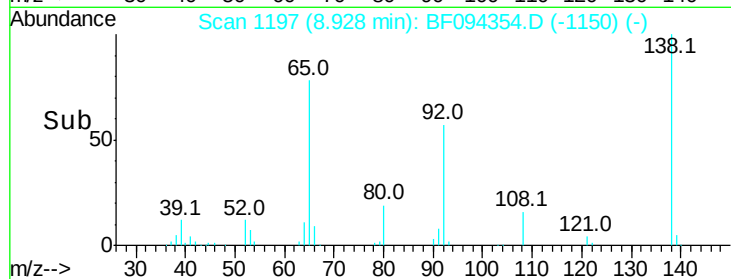
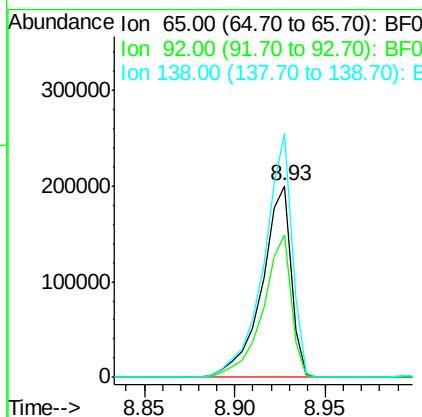
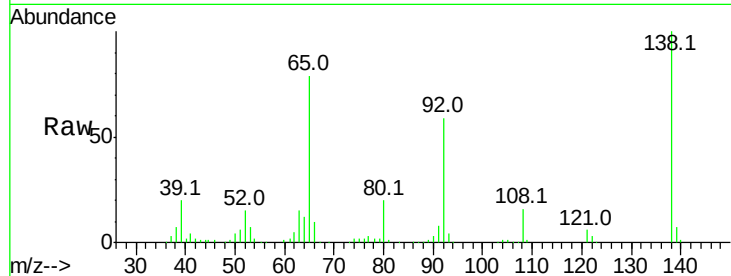
#47
2-Nitroaniline
Concen: 43.10 ng
RT: 8.93 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98184BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.7	53.9	80.9
138	127.0	78.8	118.2

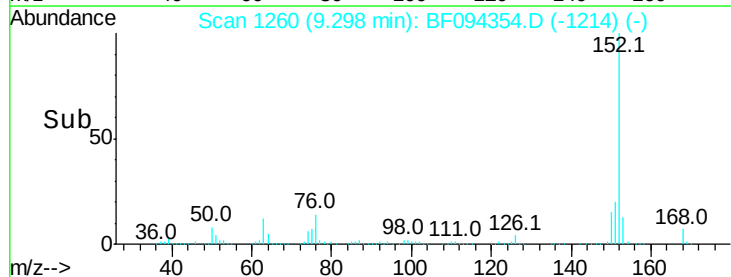
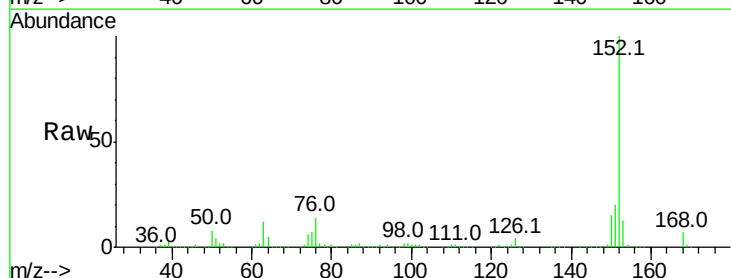
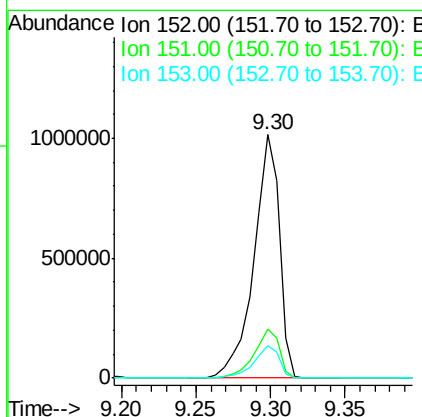
Manual Integrations
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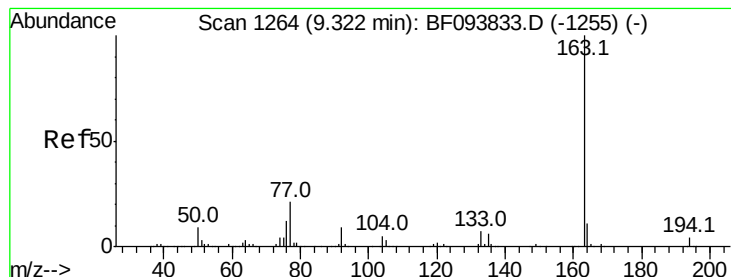
mohammad
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#48
Acenaphthylene
Concen: 40.74 ng
RT: 9.30 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.3	10.8	16.2





#49

Dimethylphthalate

Concen: 45.33 ng

RT: 9.17 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

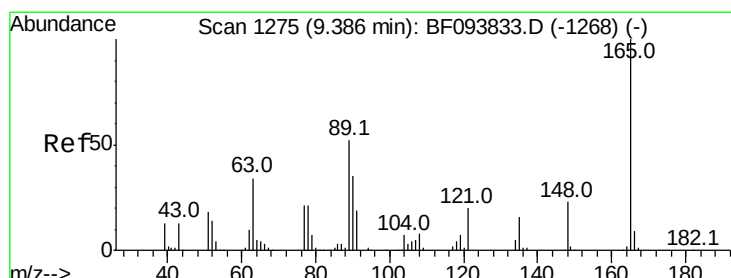
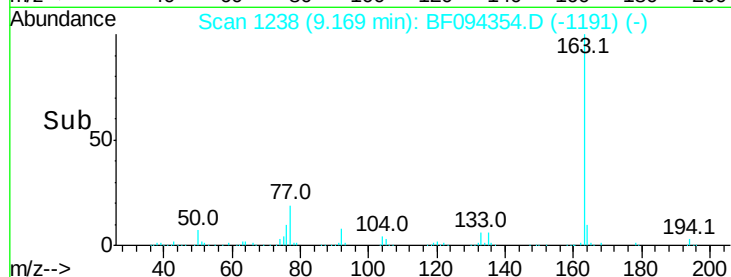
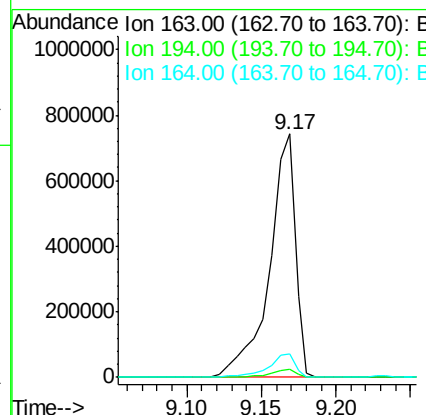
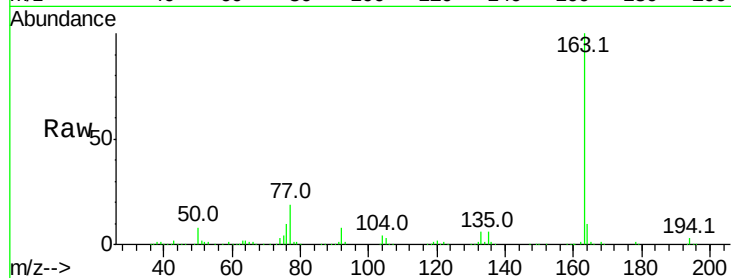
ClientSampleId :

PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	895636		
194	3.4	2.6	4.0	
164	9.7	8.4	12.6	

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 45.55 ng

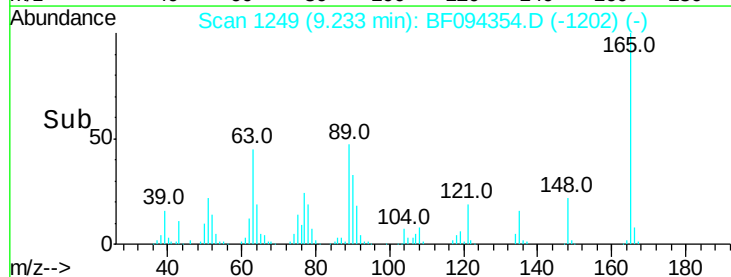
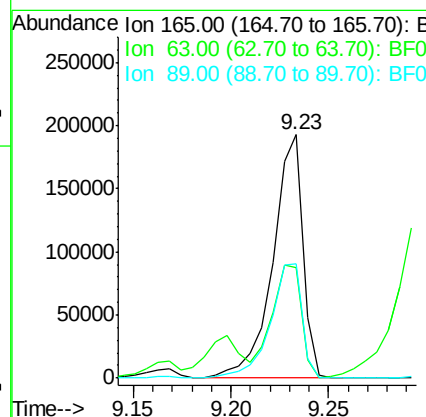
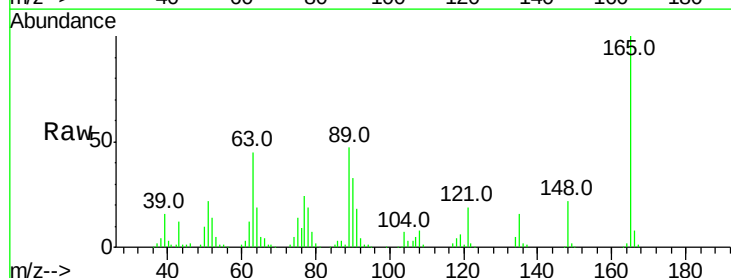
RT: 9.23 min Scan# 1249

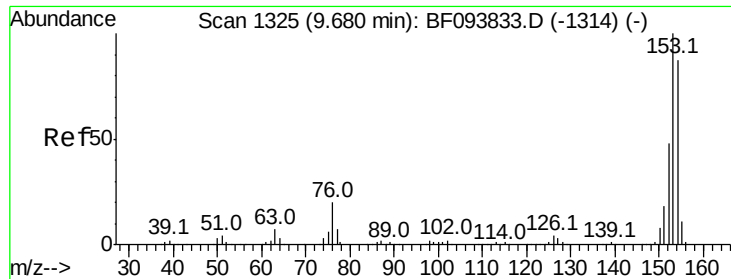
Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	206311		
63	45.2	34.3	51.5	
89	47.1	37.1	55.7	





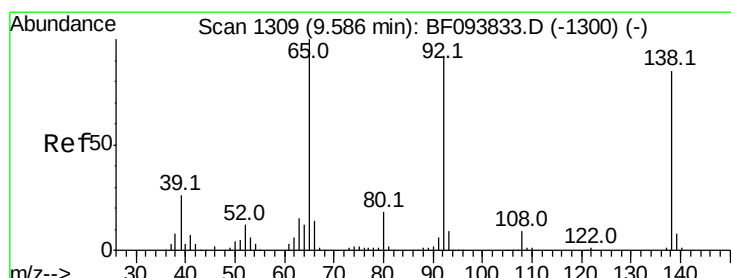
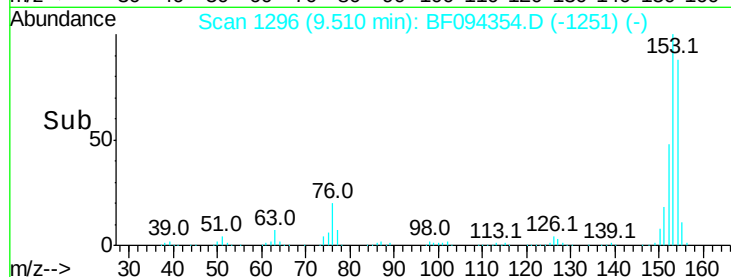
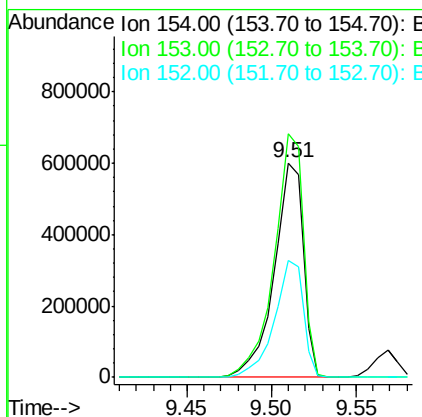
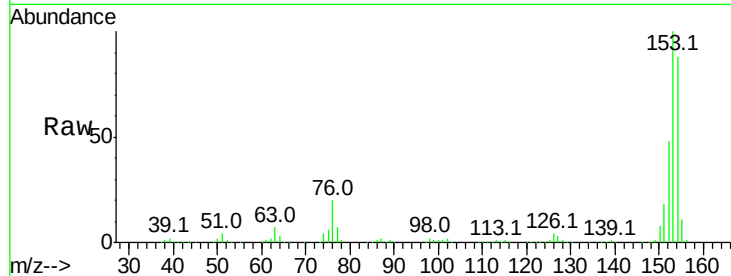
#51
Acenaphthene
Concen: 41.88 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.04 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98184BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.5	135.7
152	54.4	43.6	65.4

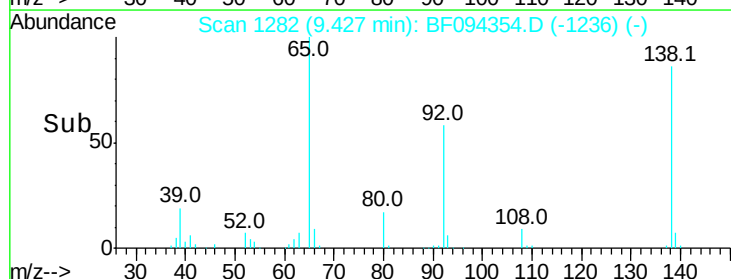
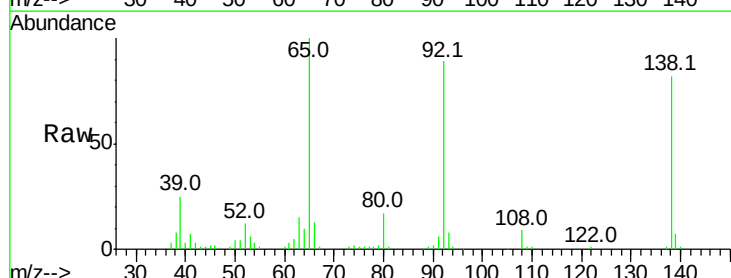
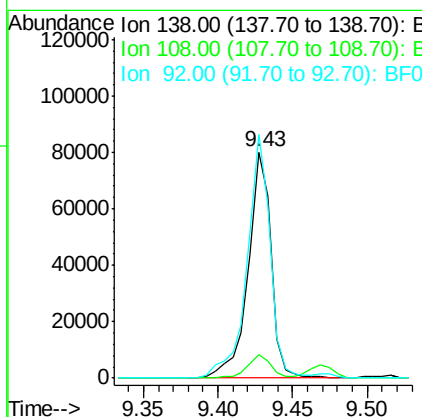
Manual Integrations
APPROVED

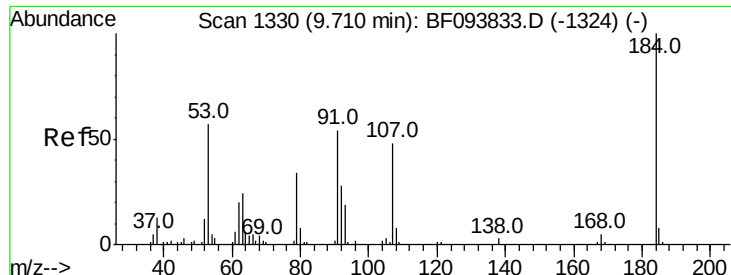
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#52
3-Nitroaniline
Concen: 15.94 ng
RT: 9.43 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.1	13.7
92	107.7	93.8	140.6





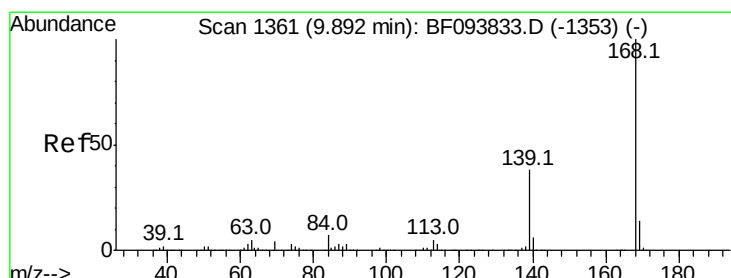
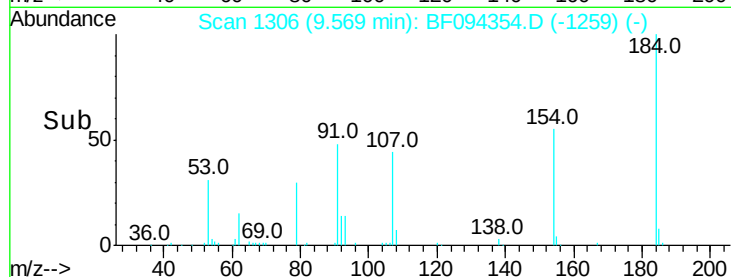
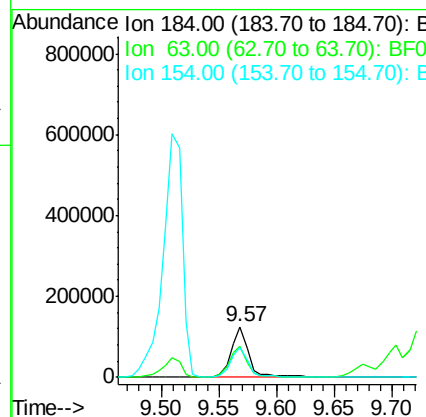
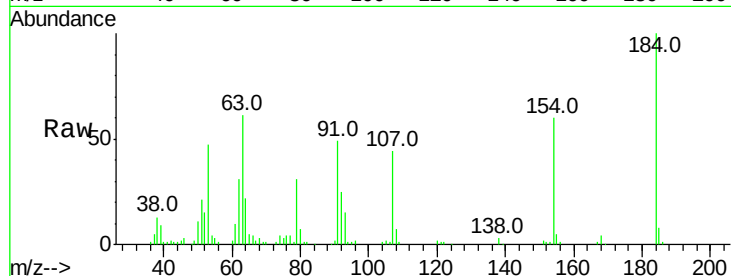
#53
 2,4-Dinitrophenol
 Concen: 56.65 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	133799		
63	61.5	62.7	94.1#	
154	60.0	81.1	121.7#	

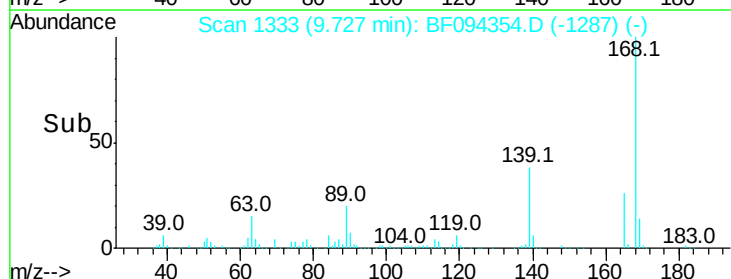
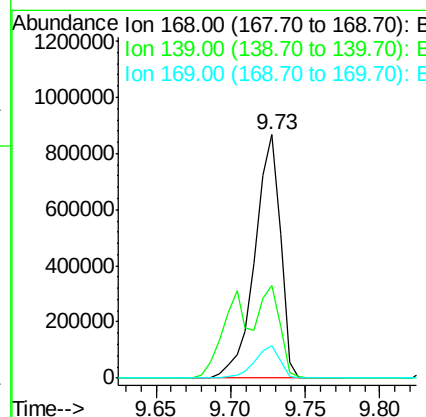
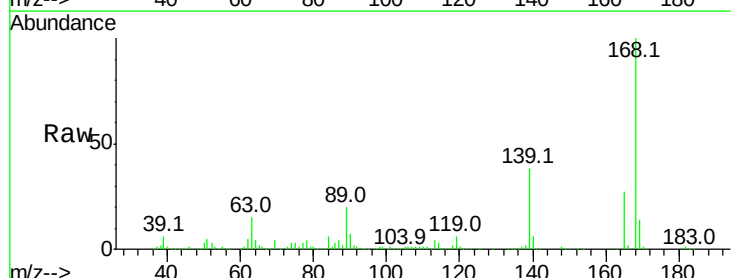
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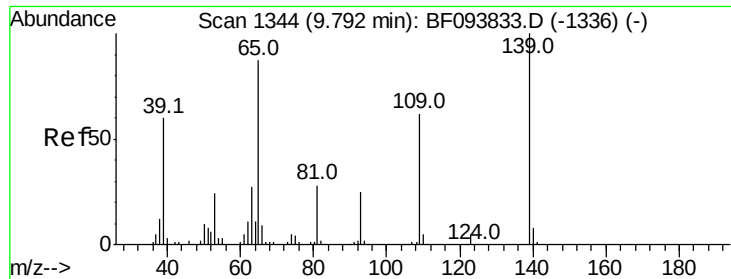
mohammad
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#54
 Dibenzofuran
 Concen: 43.86 ng
 RT: 9.73 min Scan# 1333
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1016132		
139	38.1	30.6	45.8	
169	13.5	10.8	16.2	





#55

4-Nitrophenol

Concen: 93.45 ng

RT: 9.70 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98184BS

Tot Ion:139 Resp: 389226

Ion Ratio Lower Upper

139 100

109 55.3 34.1 74.1

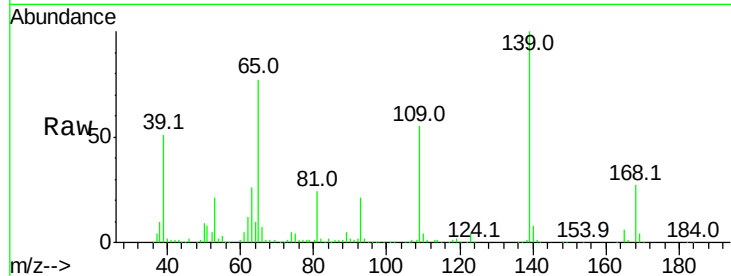
65 77.4 31.4 71.4#

Manual Integrations

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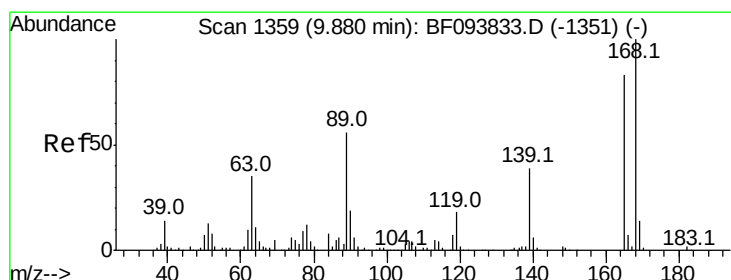
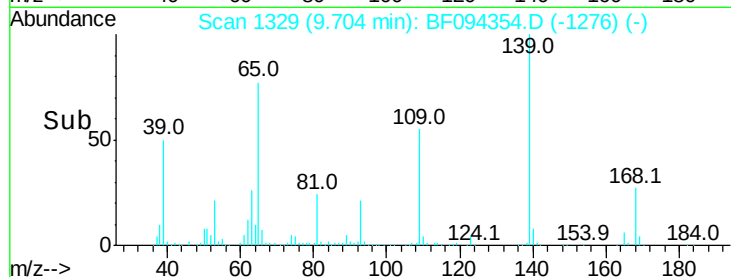
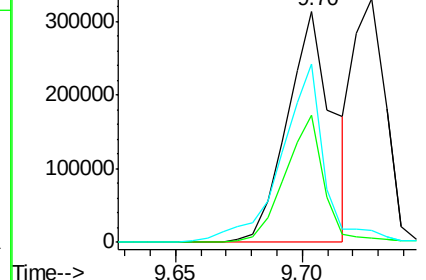
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 43.08 ng

RT: 9.73 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Tgt Ion:165 Resp: 245093

Ion Ratio Lower Upper

165 100

63 55.6 25.4 38.0#

89 75.6 46.4 69.6#

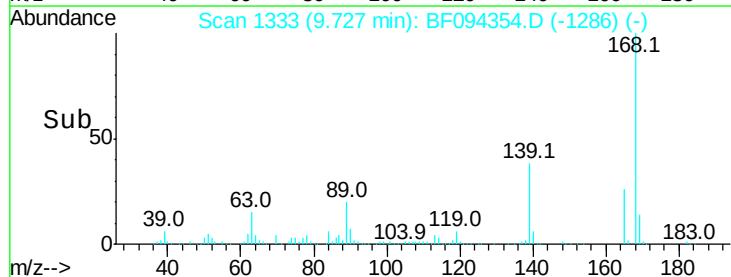
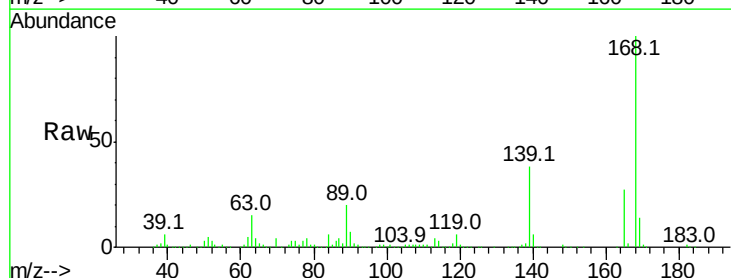
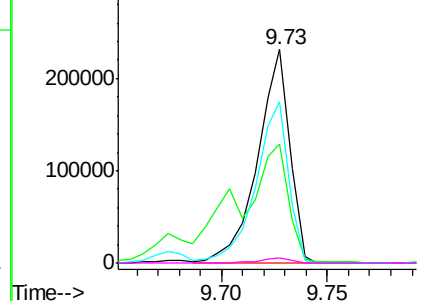
182 2.2 1.8 2.6

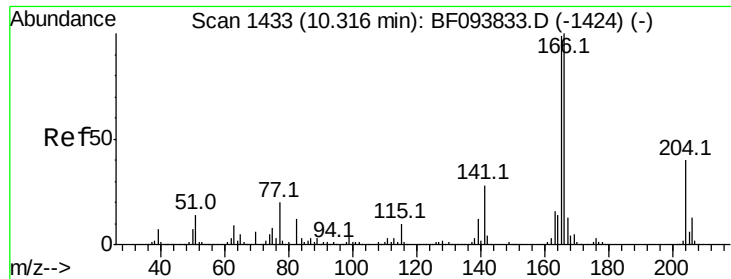
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





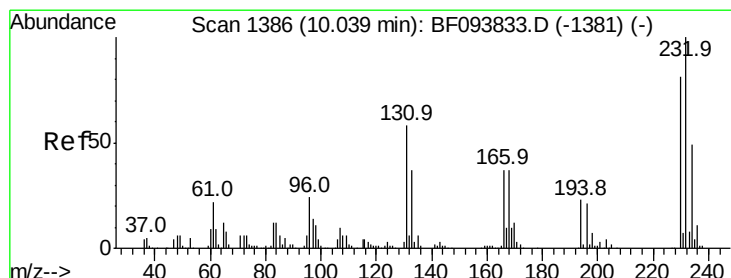
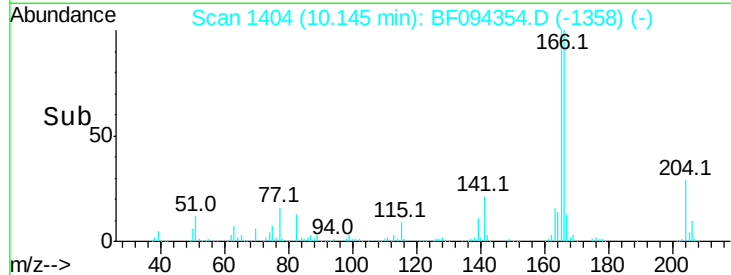
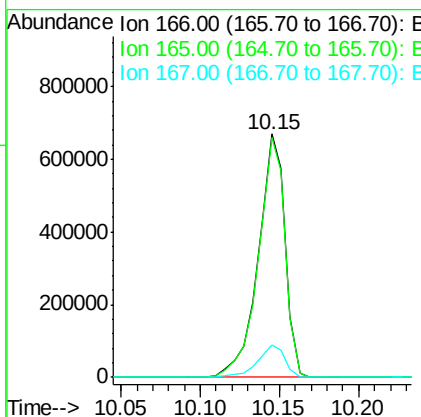
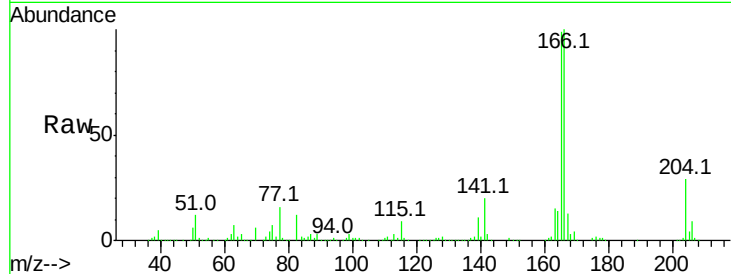
#57
 Fluorene
 Concen: 40.97 ng
 RT: 10.15 min Scan# 1404
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	787213		
165	98.7		78.8	118.2
167	13.2		10.6	16.0

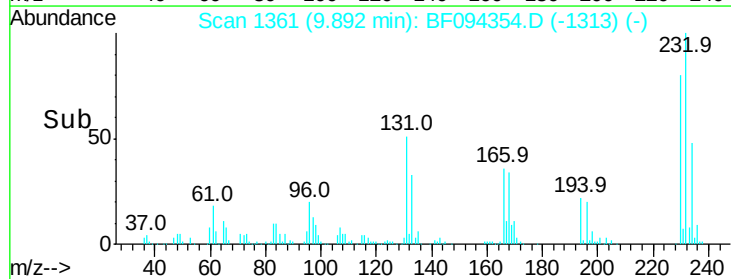
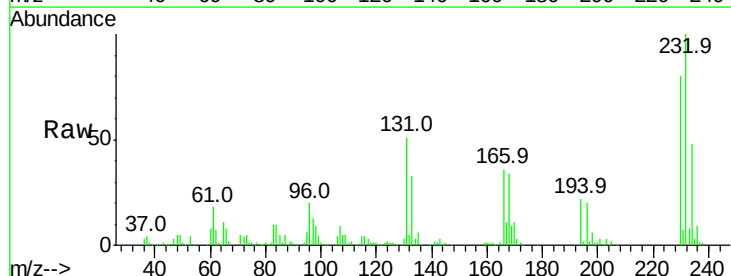
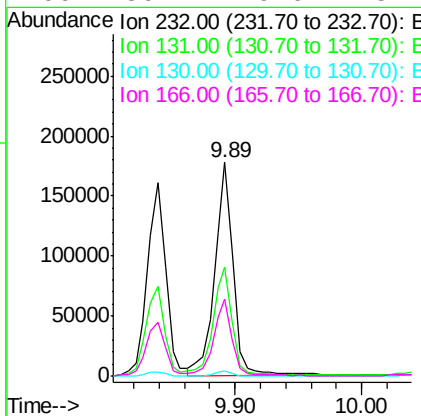
Manual Integrations
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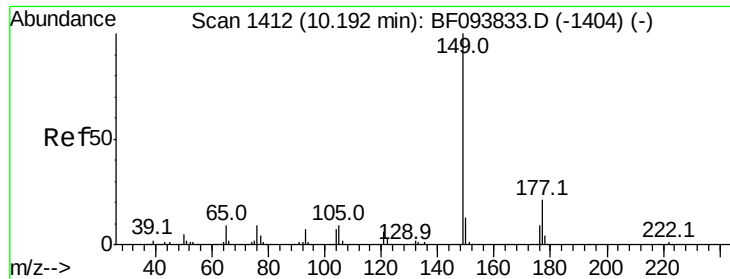
mohammad
 4/12/2017 5:11:42 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.43 ng
 RT: 9.89 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	181452		
131	53.1		44.8	67.2
130	2.5		2.3	3.5
166	36.1		29.0	43.4





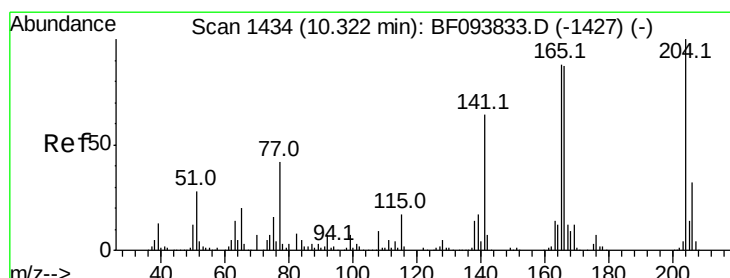
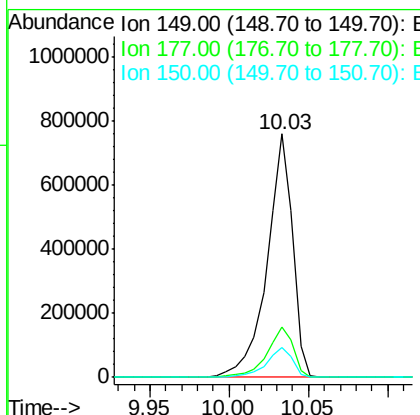
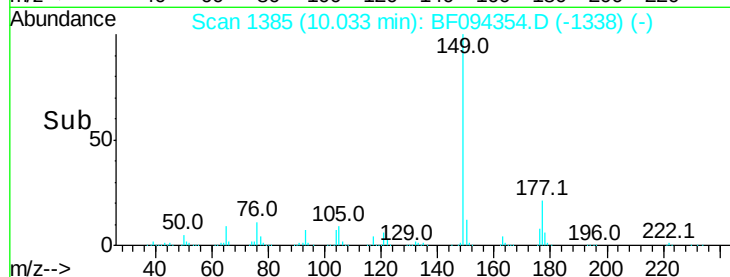
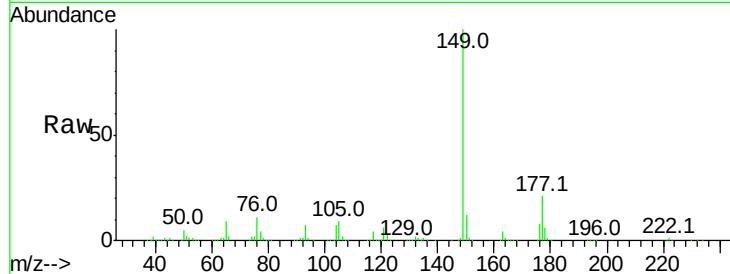
#59
Diethylphthalate
Concen: 43.66 ng
RT: 10.03 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampled :
PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	852678		
177	20.8	16.7	25.1	
150	12.1	10.2	15.2	

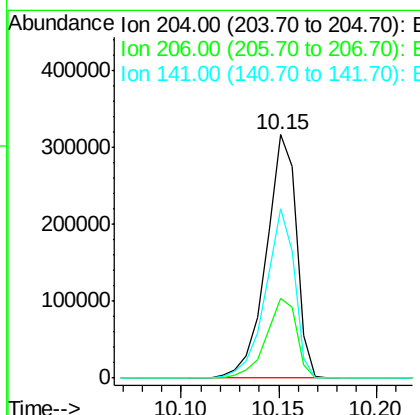
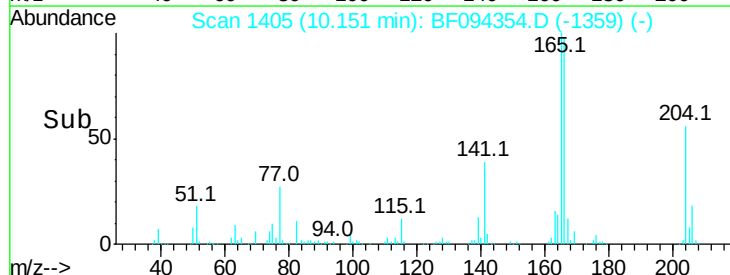
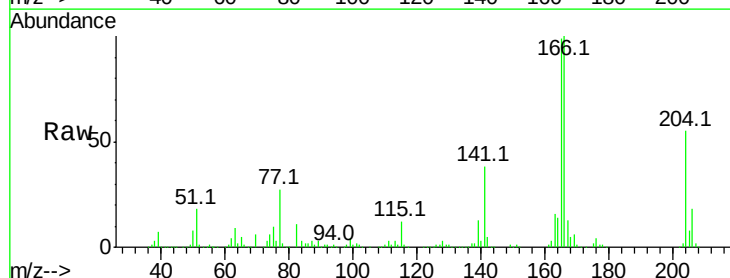
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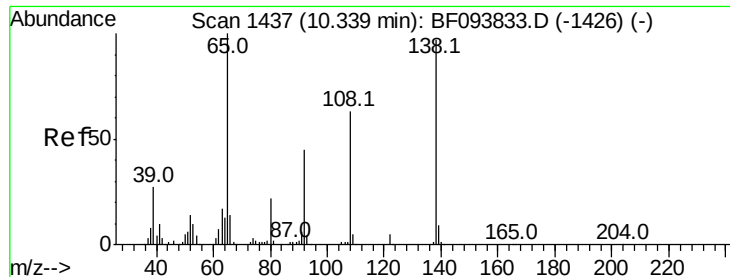
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#60
4-Chlorophenyl-phenylether
Concen: 41.52 ng
RT: 10.15 min Scan# 1405
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	339862		
206	32.5	26.2	39.2	
141	69.4	60.8	91.2	





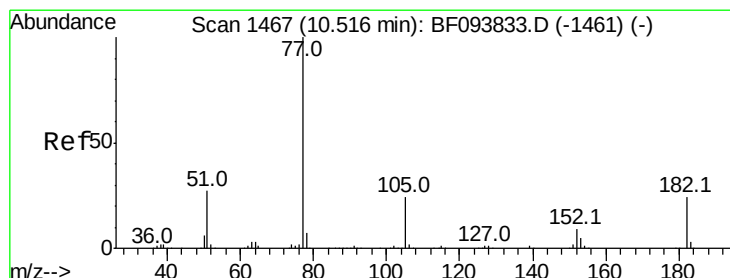
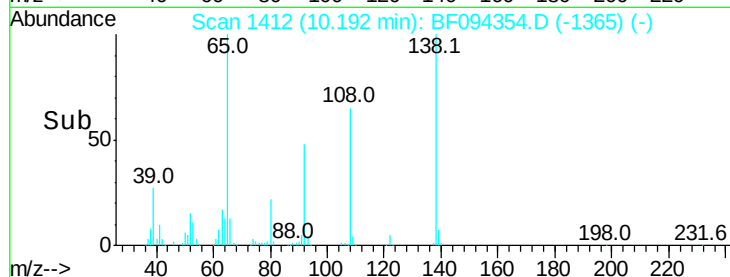
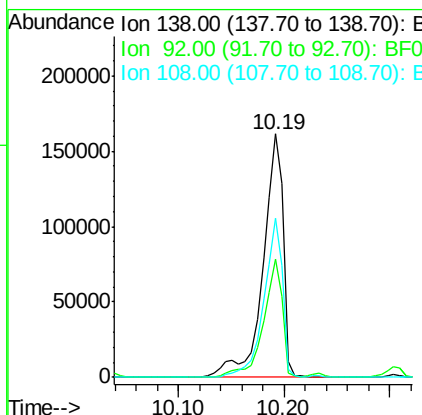
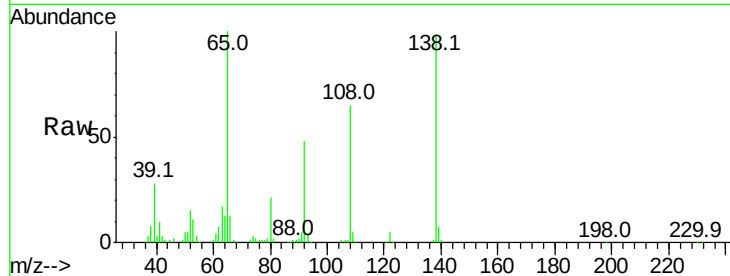
#61
4-Nitroaniline
Concen: 42.13 ng
RT: 10.19 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98184BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.3	21.8	61.8
108	65.3	42.3	82.3

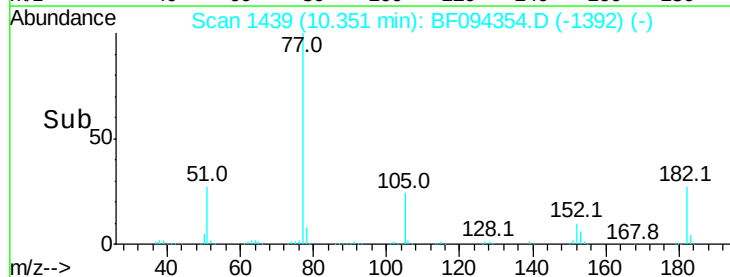
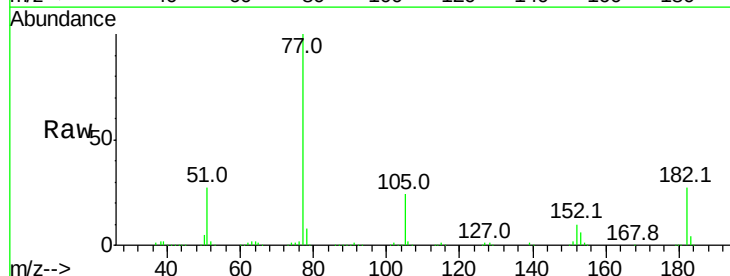
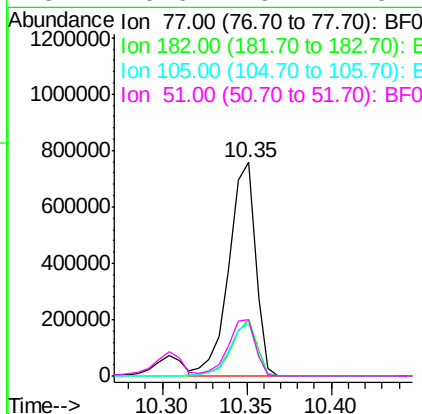
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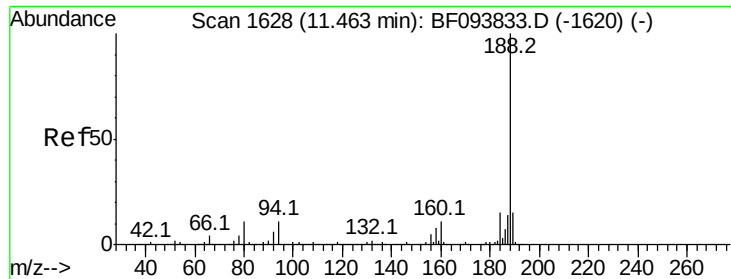
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#62
Azobenzene
Concen: 45.11 ng
RT: 10.35 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.6	0.1	40.1
105	24.4	3.6	43.6
51	26.6	9.4	49.4





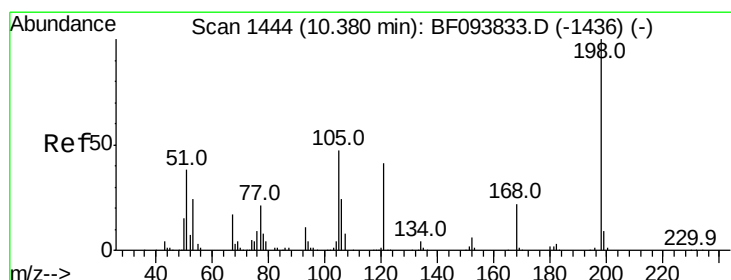
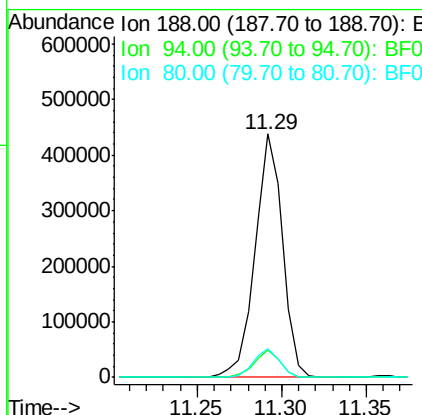
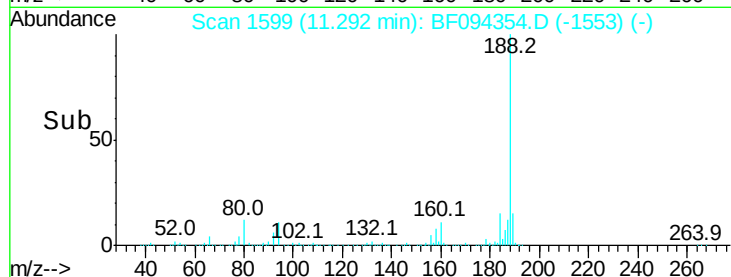
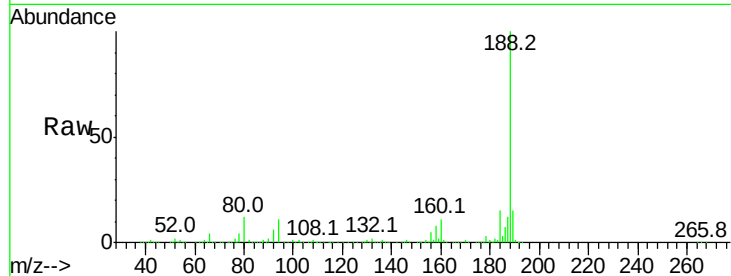
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampled :
PB98184BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.3	9.4	14.2
80	12.0	10.2	15.2

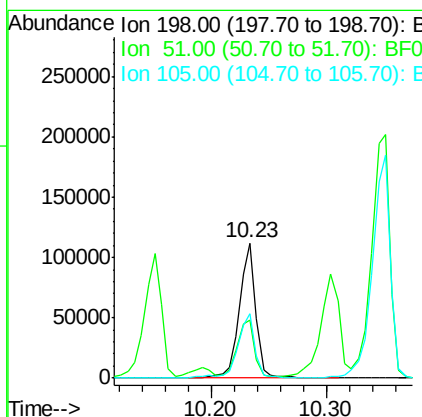
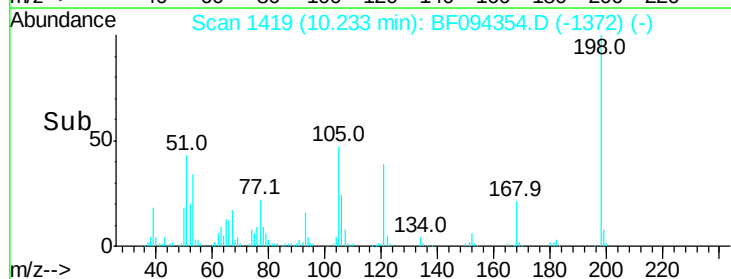
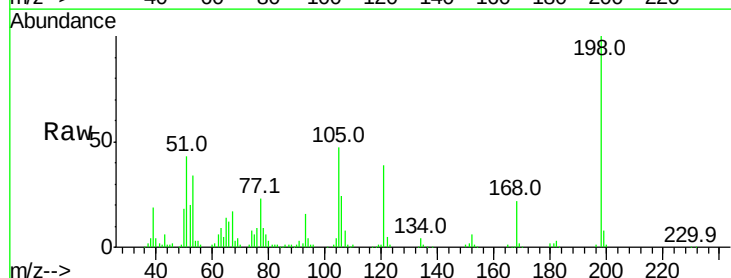
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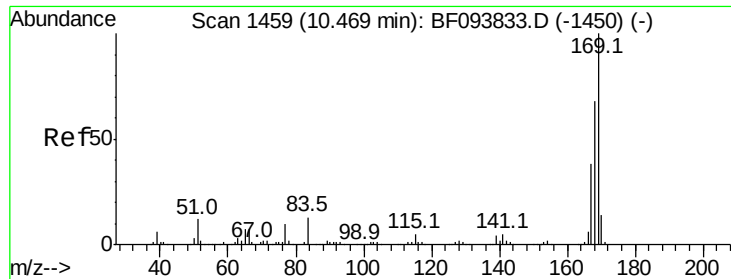
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.84 ng
RT: 10.23 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	43.2	53.2	93.2#
105	47.2	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 43.43 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

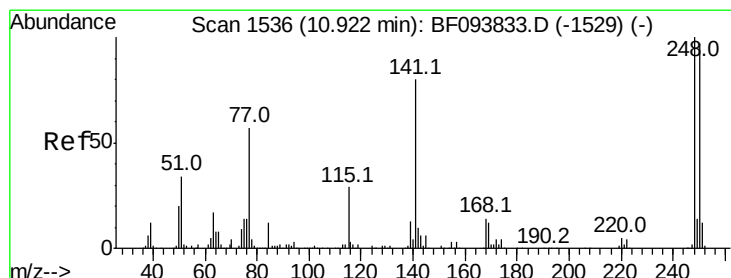
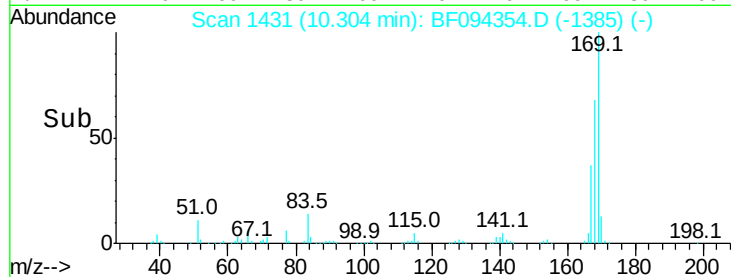
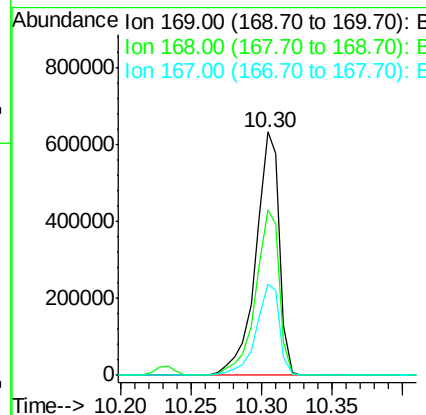
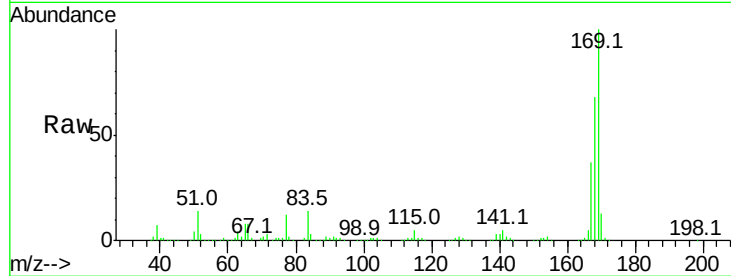
ClientSampleId :

PB98184BS

Tot Ion:	169	Resp:	741281
Ion Ratio	Lower	Upper	
169	100		
168	67.9	53.2	79.8
167	37.4	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 43.62 ng

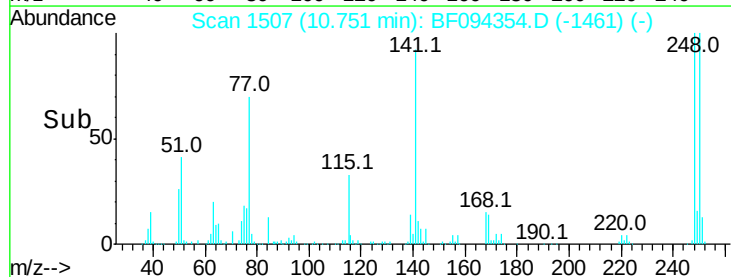
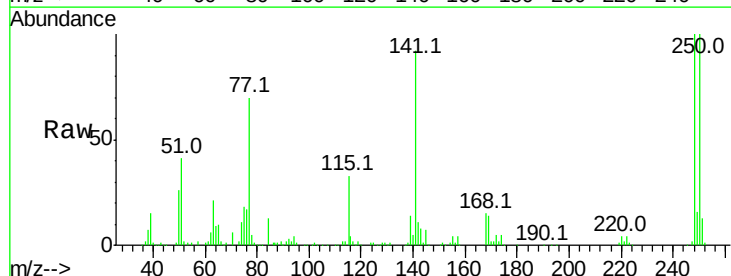
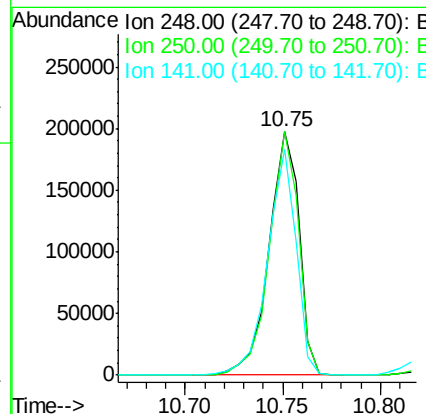
RT: 10.75 min Scan# 1507

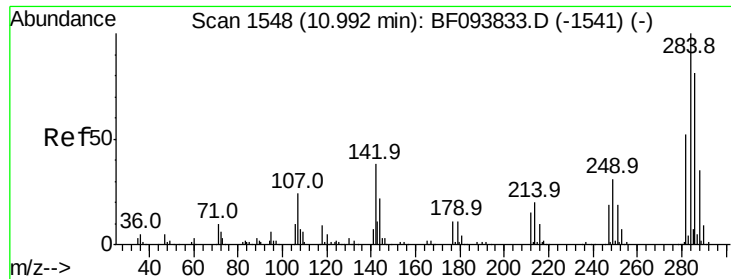
Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Tgt Ion:	248	Resp:	211732
Ion Ratio	Lower	Upper	
248	100		
250	99.9	76.8	115.2
141	92.4	68.6	103.0





#67

Hexachlorobenzene

Concen: 42.81 ng

RT: 10.82 min Scan# 1519

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

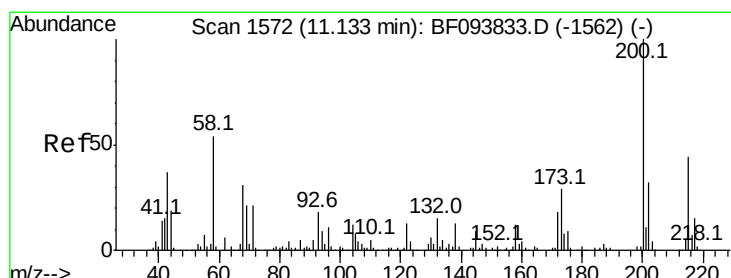
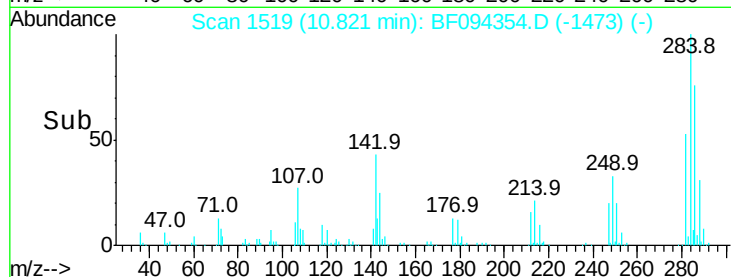
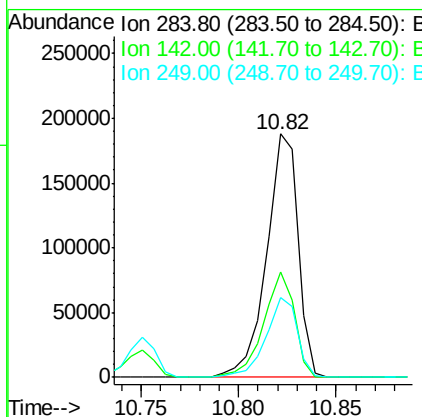
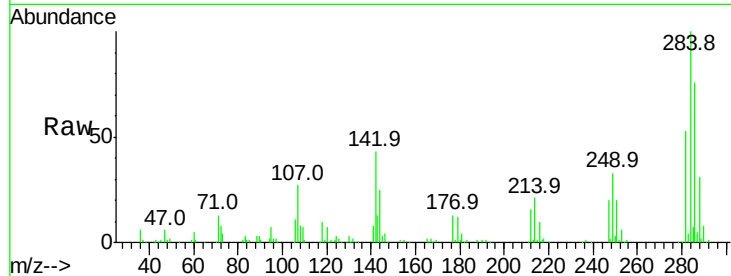
ClientSampleId :

PB98184BS

Tot Ion:	284	Resp:	210360
Ion Ratio		Lower	Upper
284	100		
142	43.4	22.8	34.2#
249	32.9	24.0	36.0

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#68

Atrazine

Concen: 42.10 ng

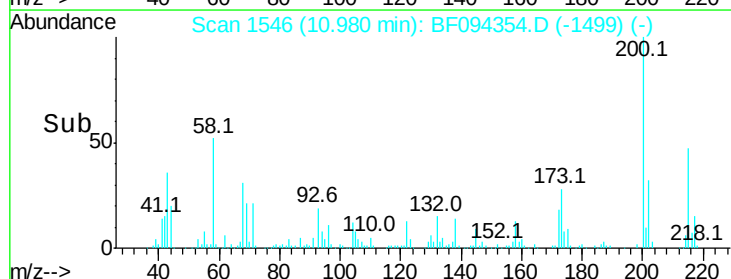
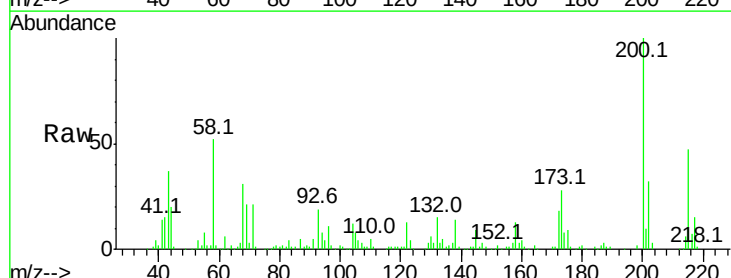
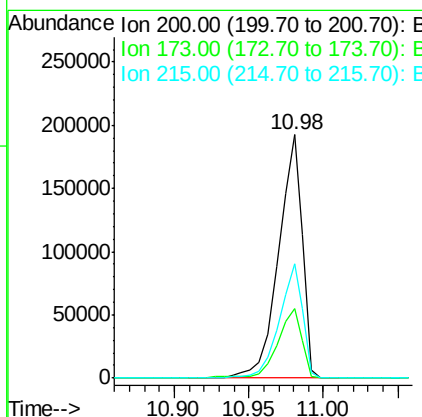
RT: 10.98 min Scan# 1546

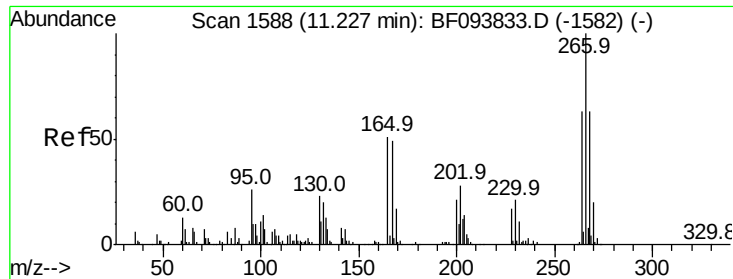
Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Tgt Ion:	200	Resp:	215223
Ion Ratio		Lower	Upper
200	100		
173	28.4	6.3	46.3
215	46.7	27.2	67.2





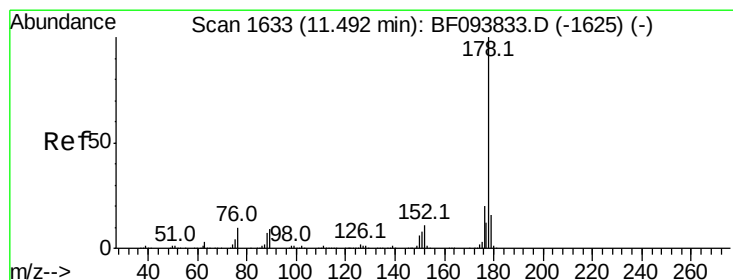
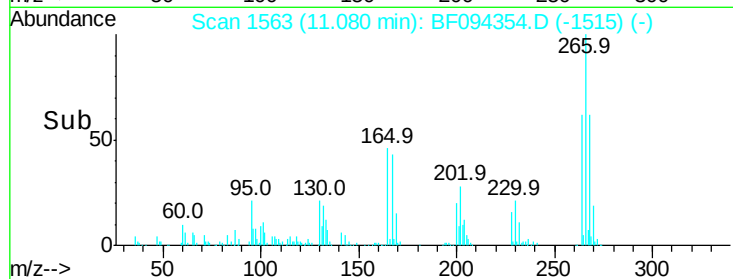
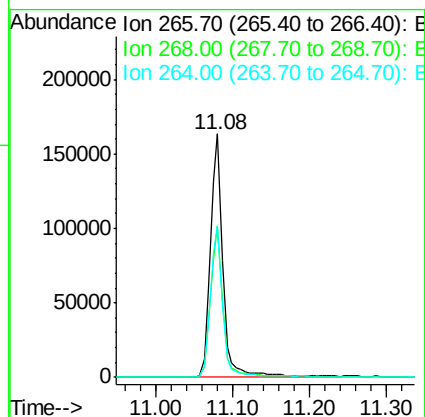
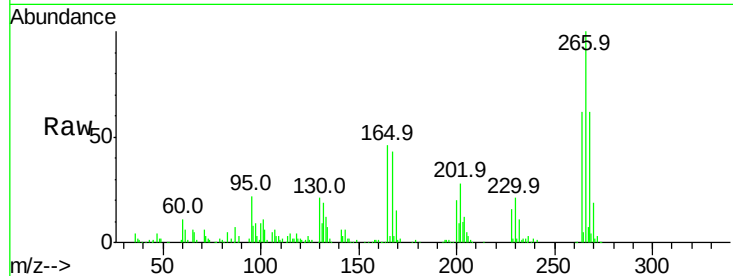
#69
 Pentachlorophenol
 Concen: 60.46 ng
 RT: 11.08 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	184913		
268	62.3		51.1	76.7
264	62.0		51.7	77.5

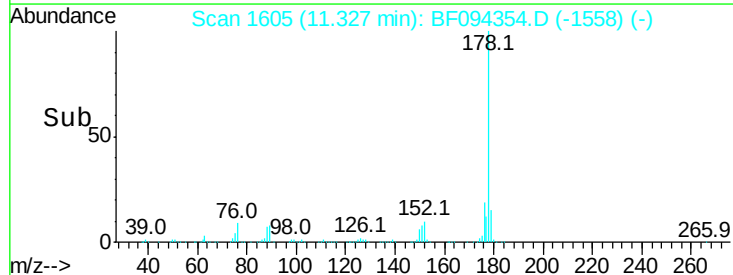
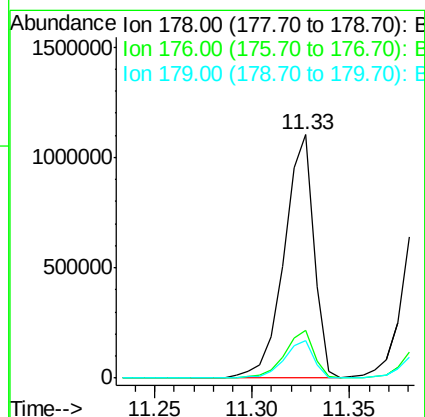
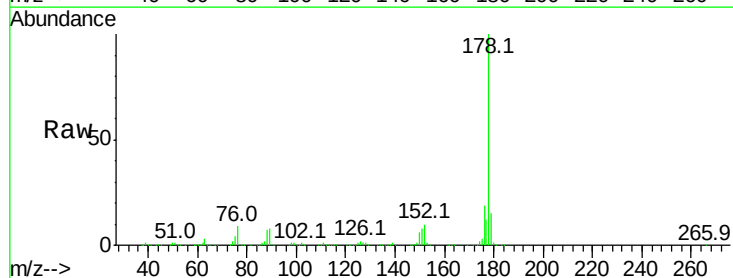
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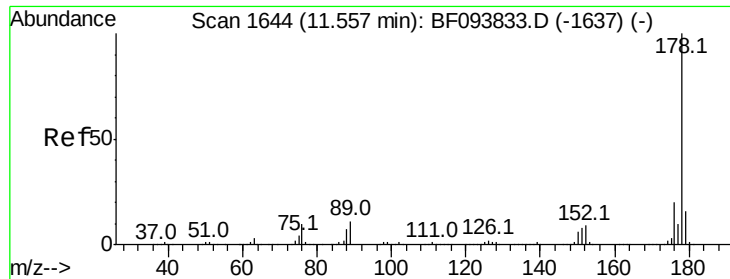
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#70
 Phenanthrene
 Concen: 42.45 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1165357		
176	19.4		16.2	24.4
179	15.3		12.6	19.0





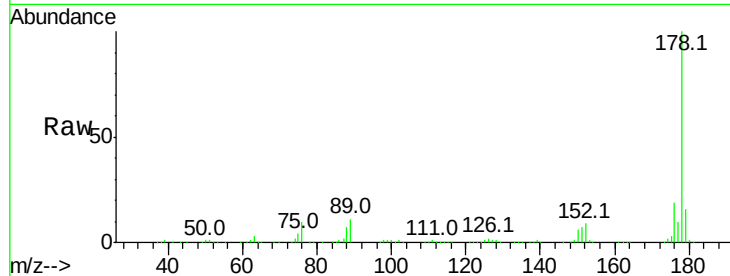
#71
 Anthracene
 Concen: 43.02 ng
 RT: 11.39 min Scan# 1615
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampled :
 PB98184BS

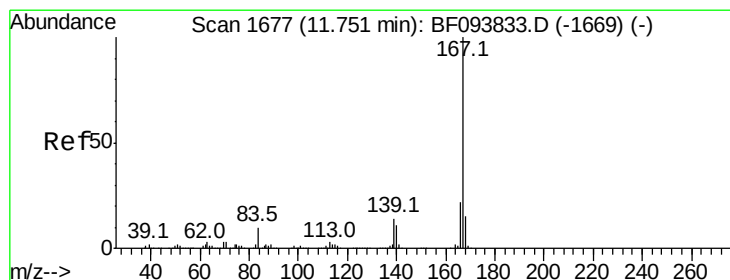
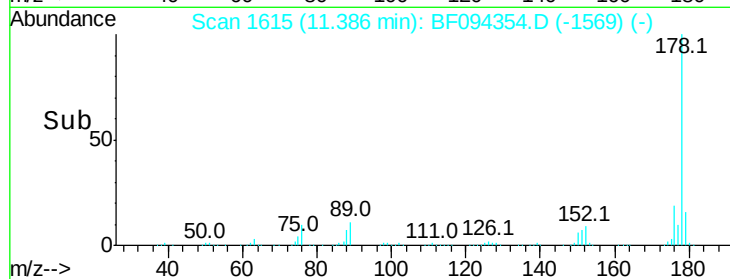
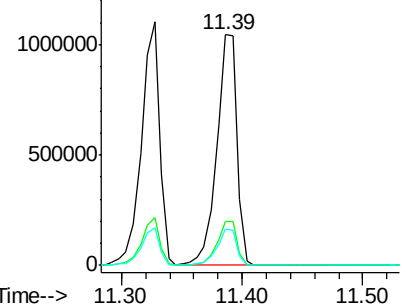
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.9	12.7	19.1

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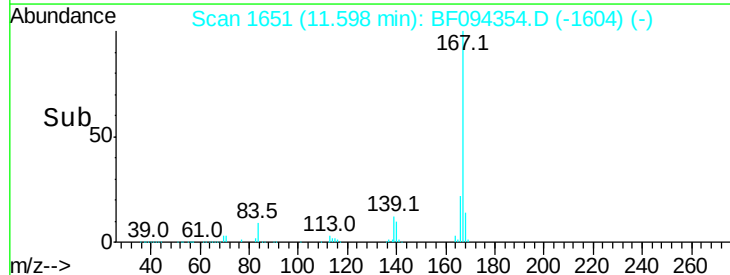
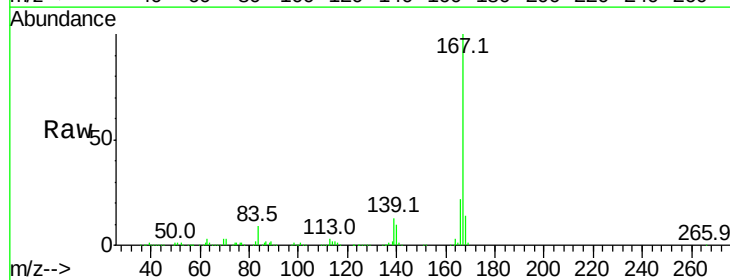
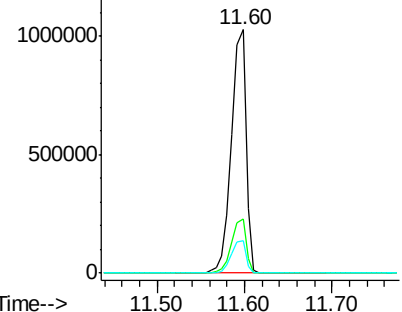
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

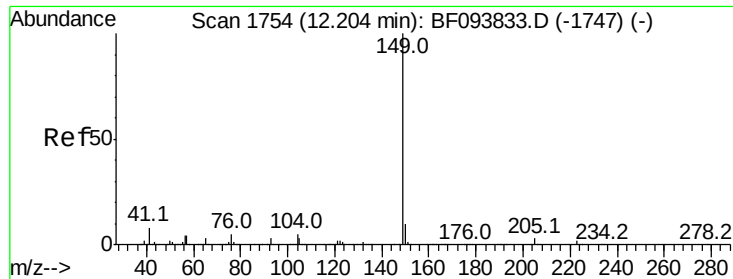


#72
 Carbazole
 Concen: 39.33 ng
 RT: 11.60 min Scan# 1651
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.3	11.7	17.5

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.29 ng

RT: 12.04 min Scan# 1726

Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

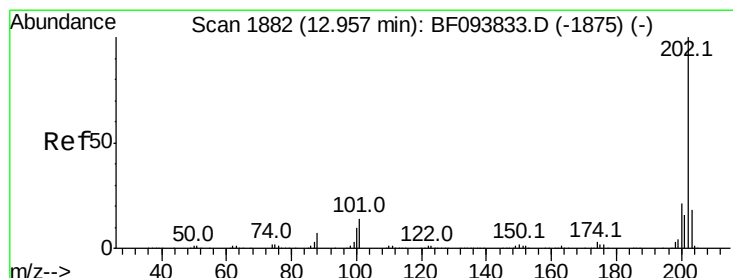
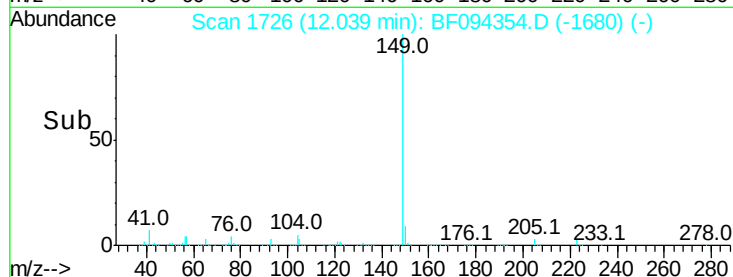
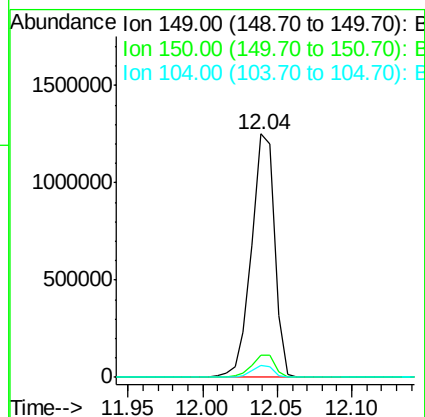
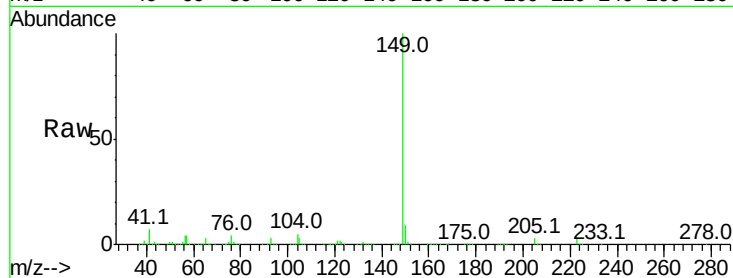
ClientSampleId :

PB98184BS

Tot Ion:	149	Resp:	1335110
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.8	4.0	6.0

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#74

Fluoranthene

Concen: 43.44 ng

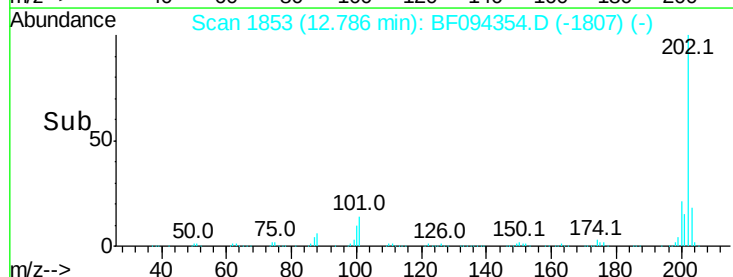
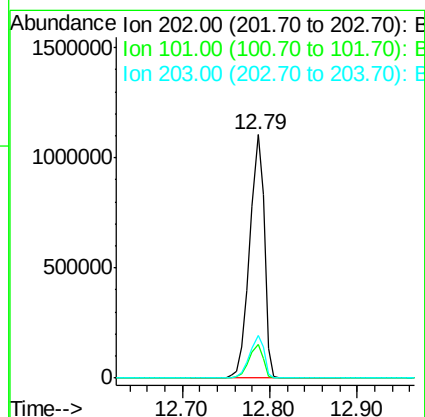
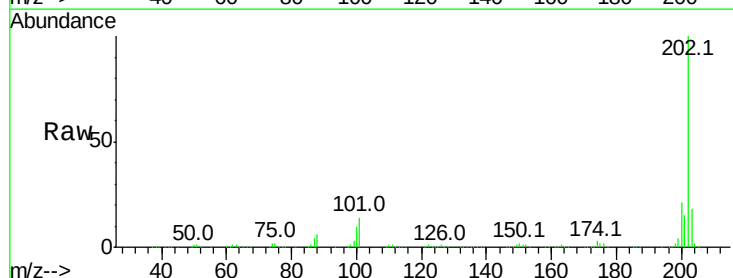
RT: 12.79 min Scan# 1853

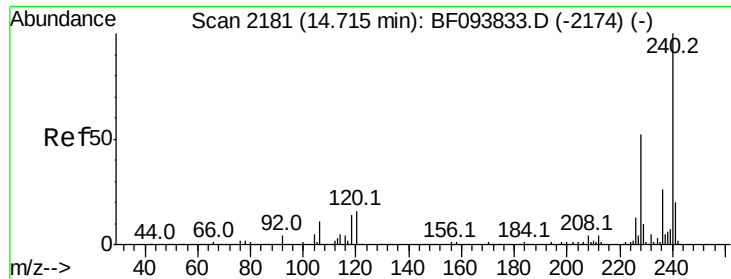
Delta R.T. -0.03 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Tgt Ion:	202	Resp:	1221218
Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

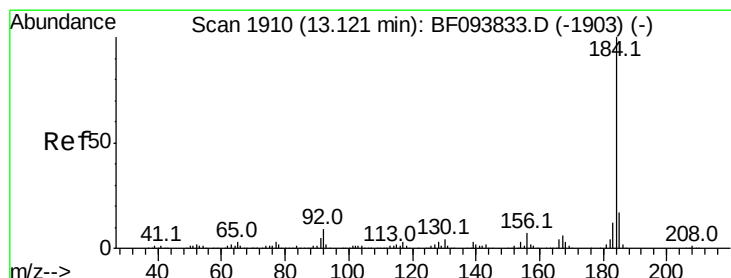
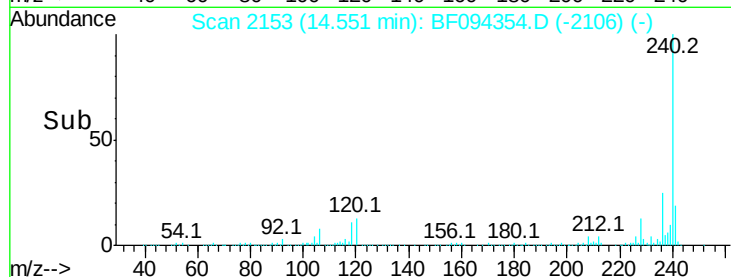
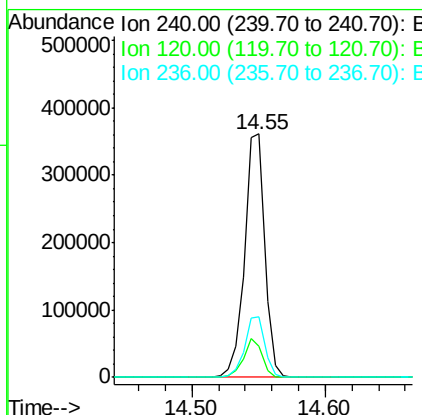
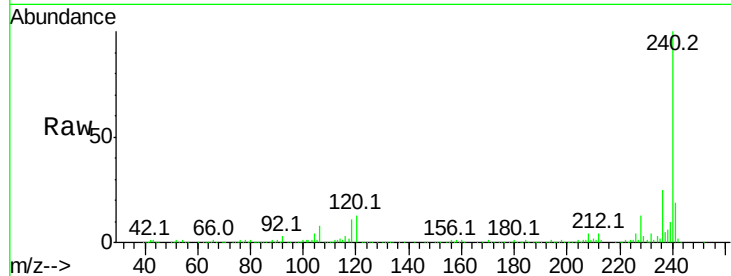
ClientSampleId :

PB98184BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.8	8.8#
236	25.1	20.5	30.7

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#76

Benzidine

Concen: 21.20 ng

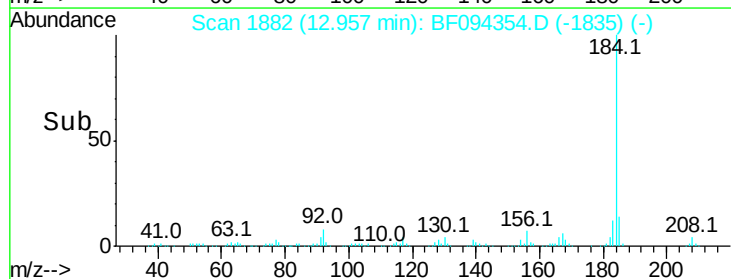
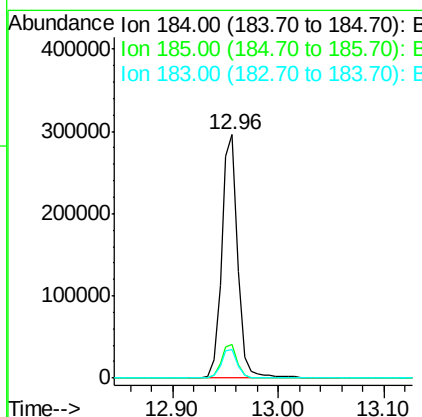
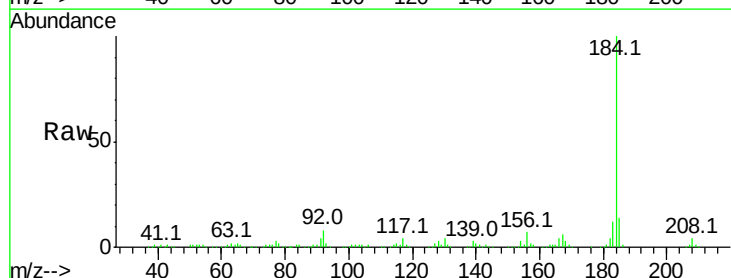
RT: 12.96 min Scan# 1882

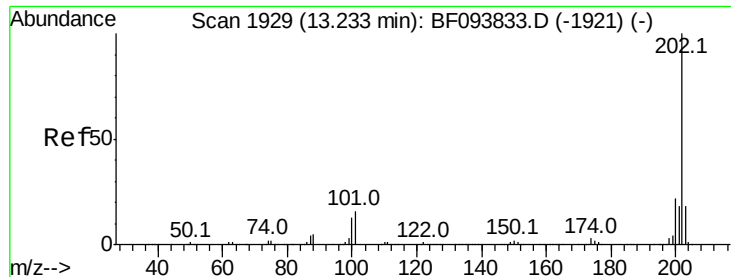
Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	15.5	23.3#
183	11.6	9.8	14.6





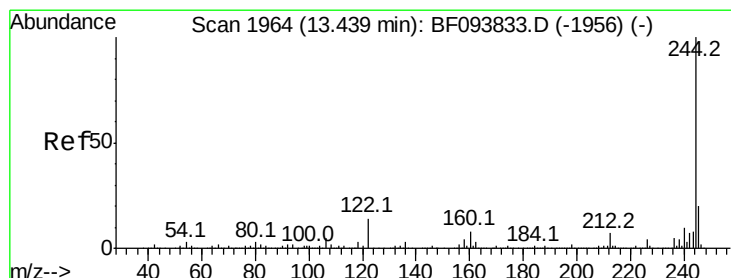
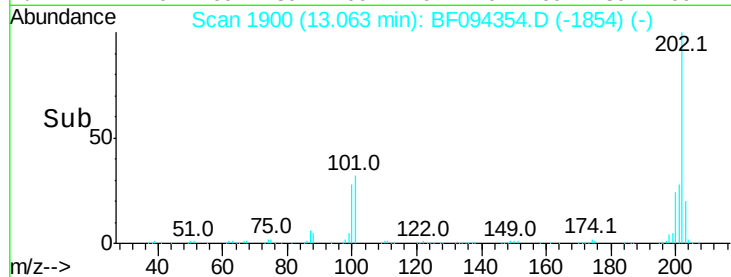
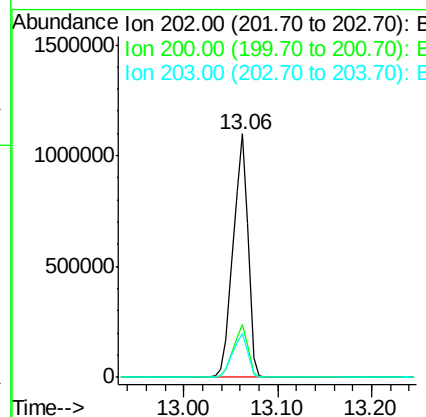
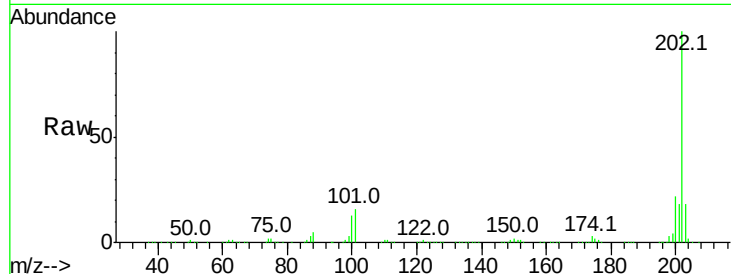
#77
Pvrene
Concen: 44.48 ng
RT: 13.06 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampled :
PB98184BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.8	14.4	21.6

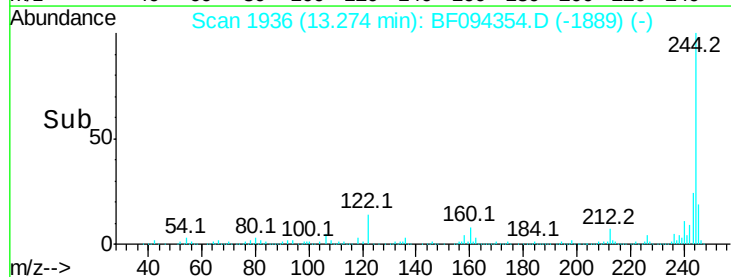
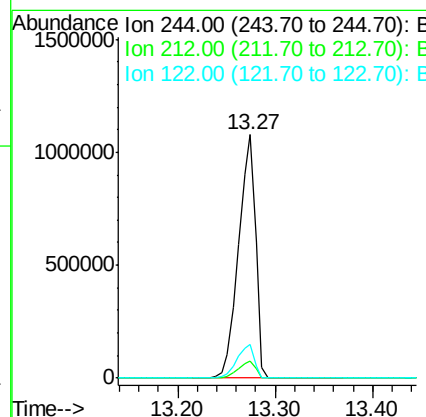
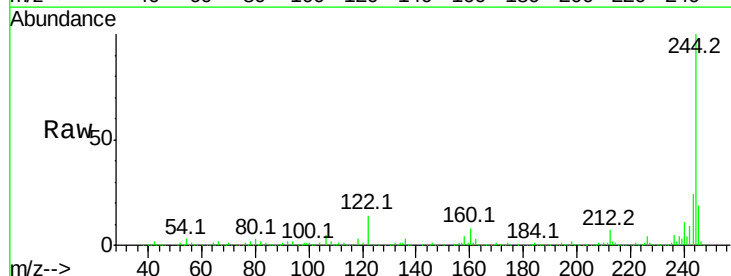
Manual Integrations
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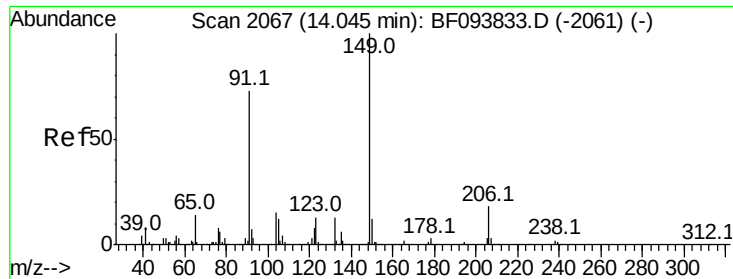
mohammad
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#78
Terphenyl-d14
Concen: 77.52 ng
RT: 13.27 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.7	10.3	15.5





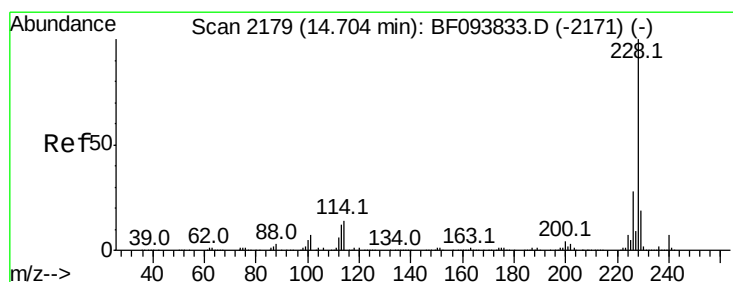
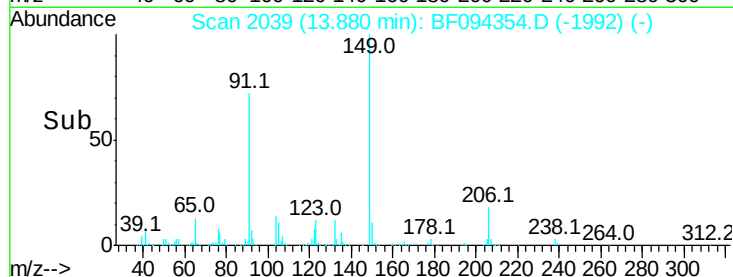
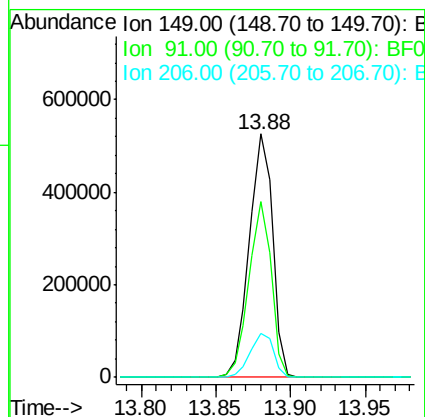
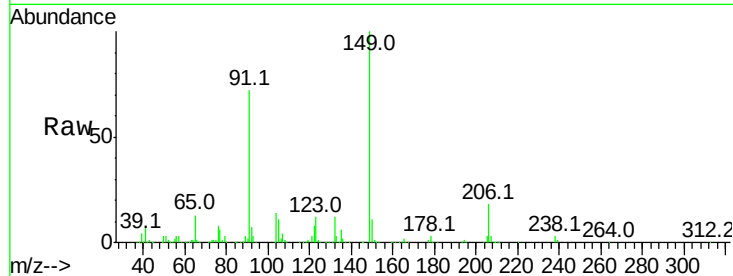
#79
Butylbenzylphthalate
Concen: 48.86 ng
RT: 13.88 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	568600		
91	72.0	45.0	67.4#	
206	17.8	17.0	25.6	

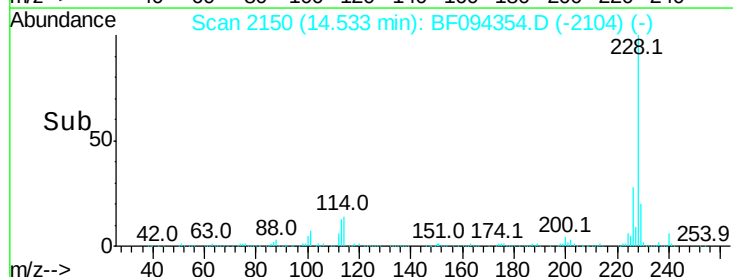
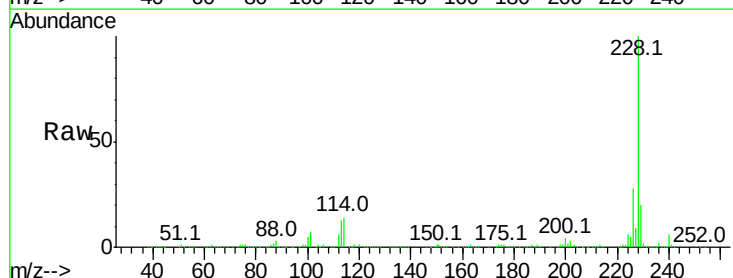
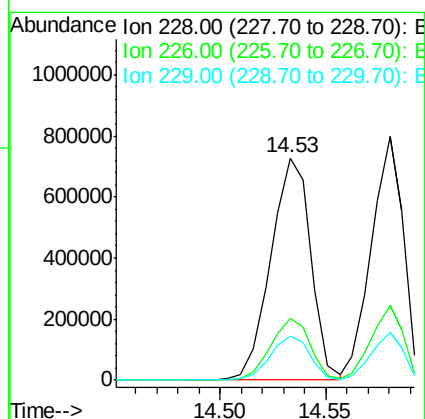
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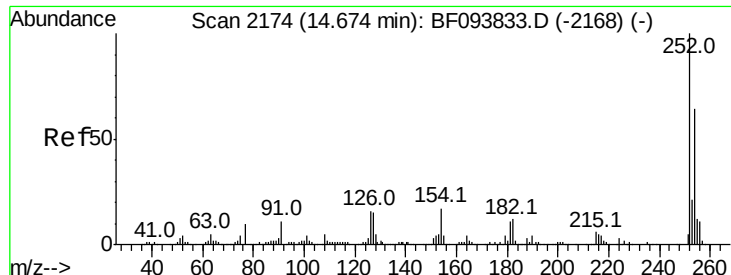
mohammad
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#80
Benzo(a)anthracene
Concen: 43.71 ng
RT: 14.53 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	959262		
226	27.9	22.6	33.8	
229	19.8	16.3	24.5	





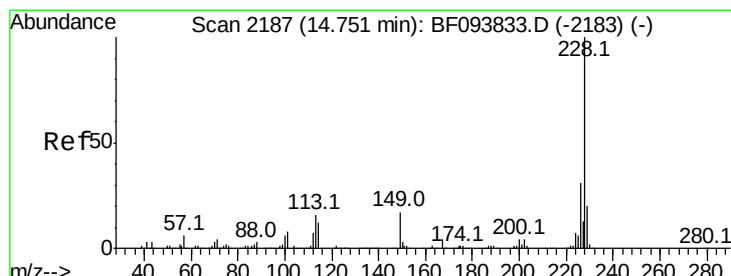
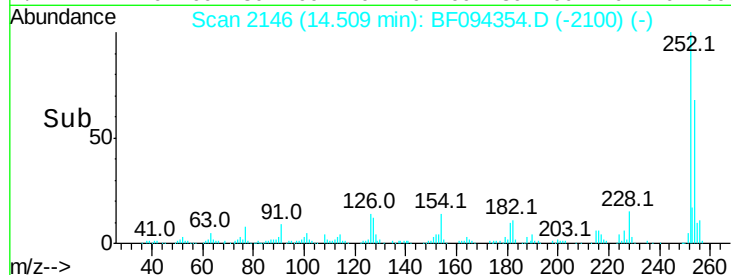
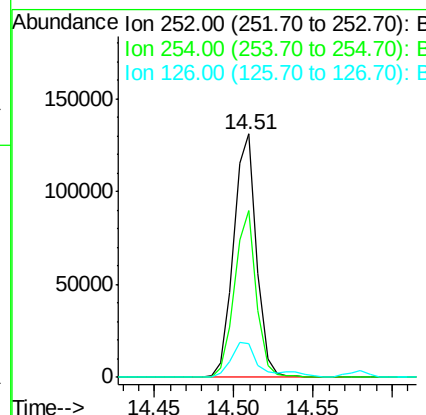
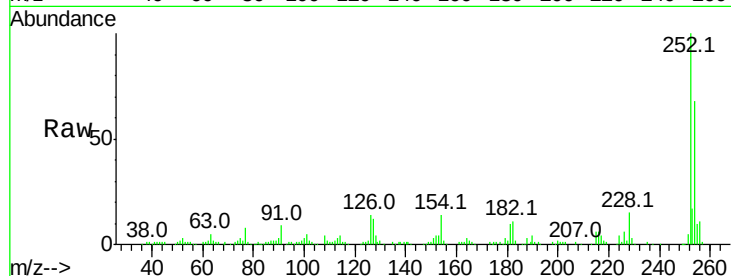
#81
 3,3'-Dichlorobenzidine
 Concen: 16.69 ng
 RT: 14.51 min Scan# 2146
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	68.5	51.5	77.3	
126	13.8	15.8	23.8	

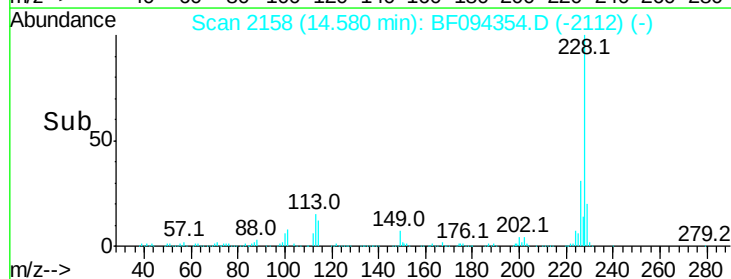
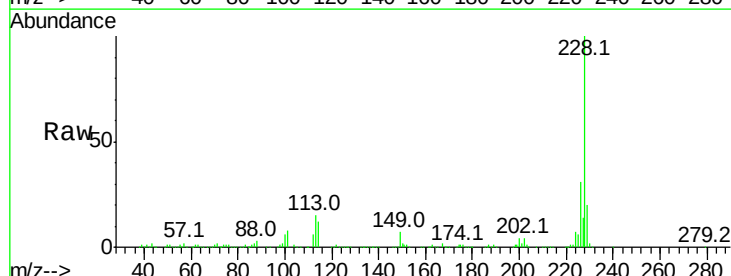
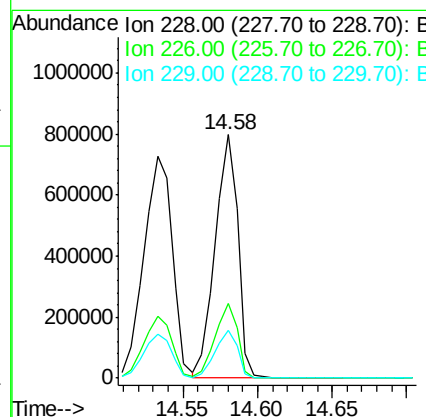
Manual Integrations
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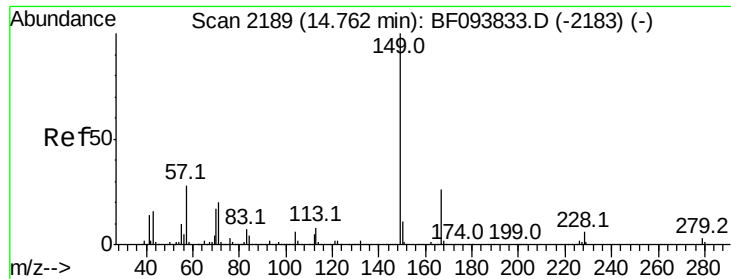
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#82
 Chrysene
 Concen: 41.60 ng
 RT: 14.58 min Scan# 2158
 Delta R.T. -0.03 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

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





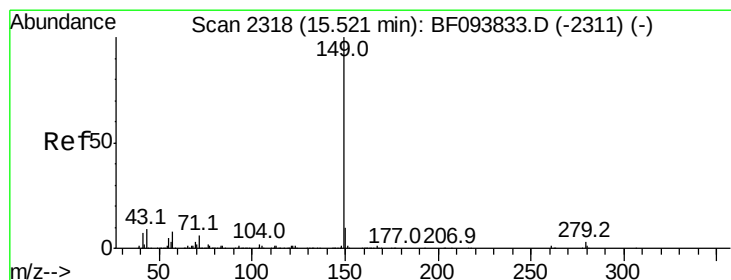
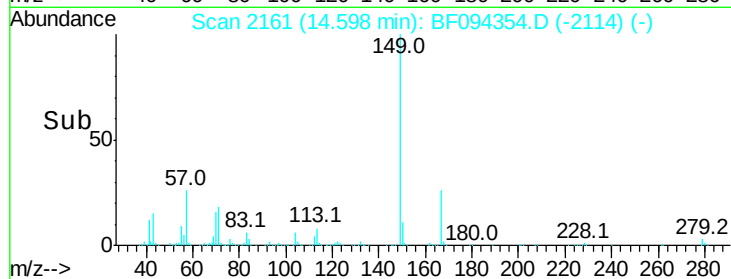
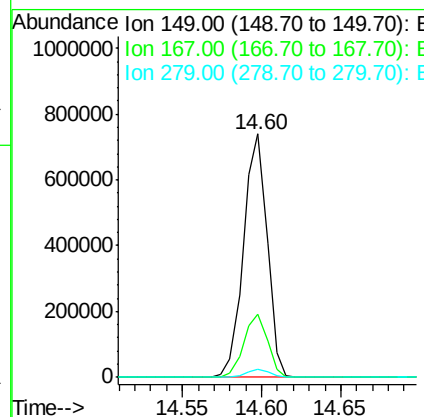
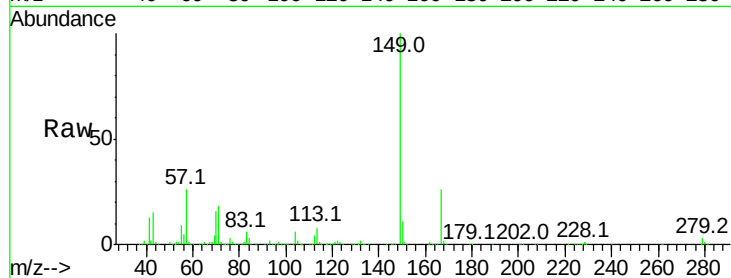
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.08 ng
 RT: 14.60 min Scan# 2161
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98184BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.1	21.0	31.4
279	3.2	1.9	2.9

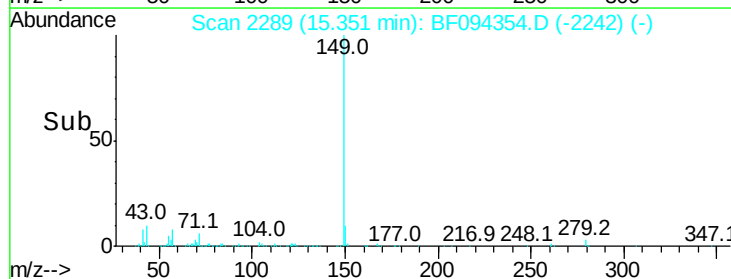
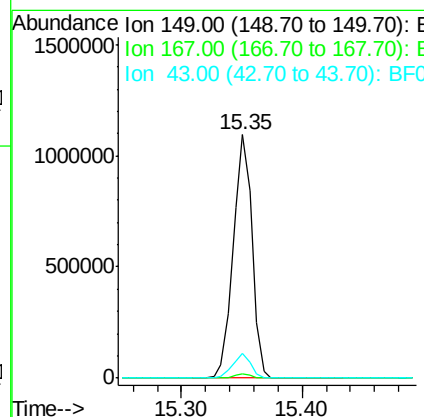
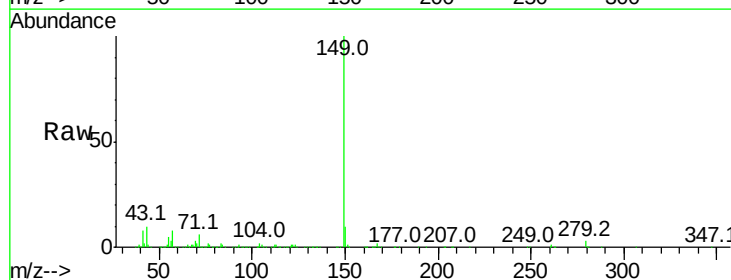
Manual Integrations
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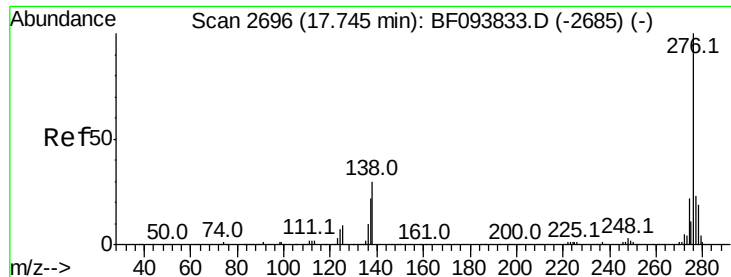
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 44.69 ng
 RT: 15.35 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	9.5	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.29 ng

RT: 17.49 min Scan# 2652

Delta R.T. -0.04 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

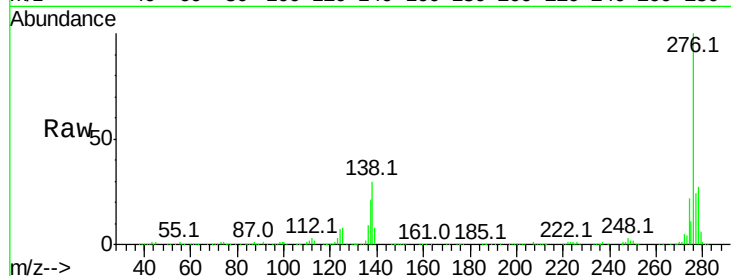
ClientSampleId :

PB98184BS

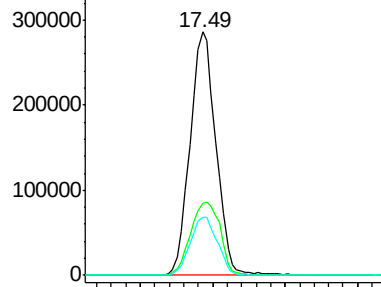
Tot Ion:	276	Resp:	710592
Ion Ratio	Lower	Upper	
276	100		
138	34.6	27.8	41.6
277	25.2	20.2	30.4

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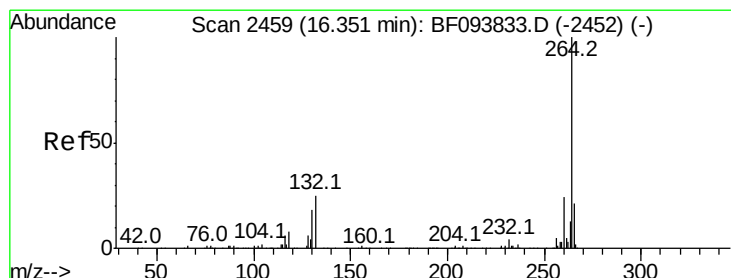
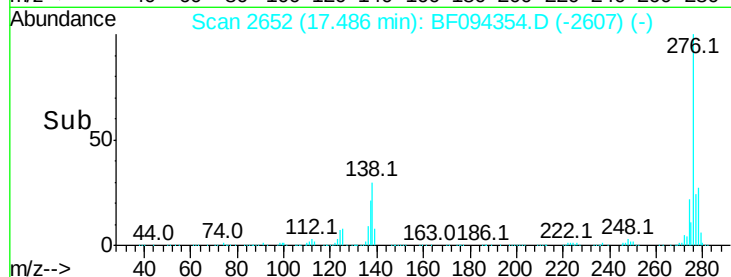
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

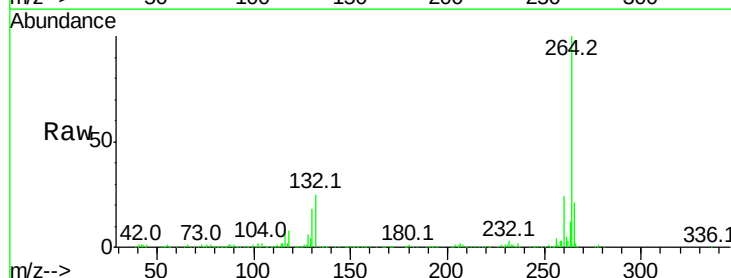
RT: 16.17 min Scan# 2428

Delta R.T. -0.02 min

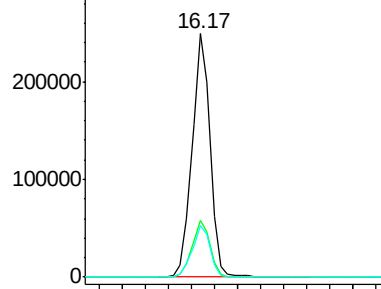
Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

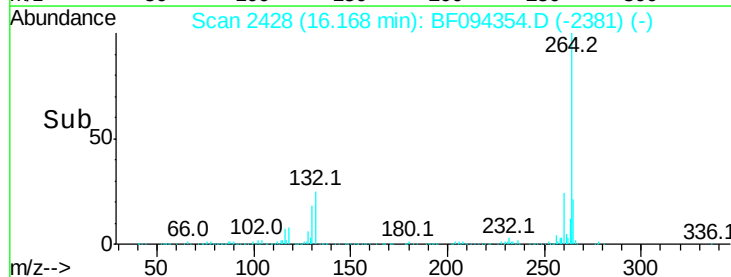
Tgt Ion:	264	Resp:	269183
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	21.1	17.2	25.8

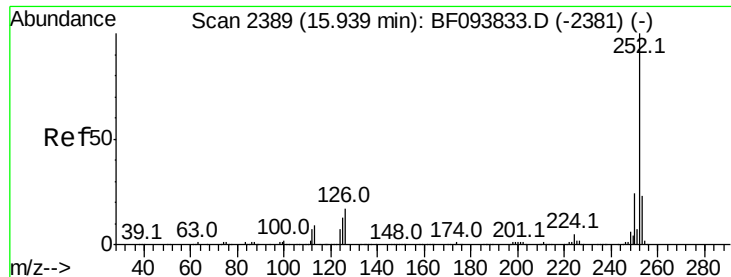


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 46.91 ng

RT: 15.77 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Instrument :

BNA_F

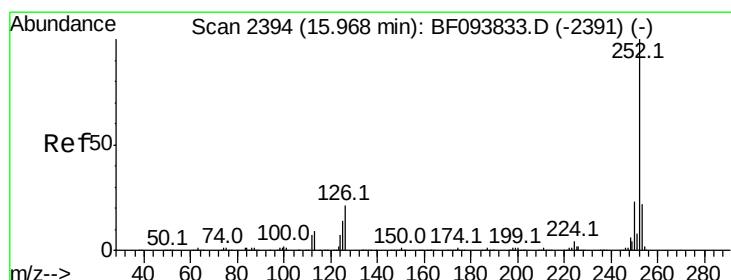
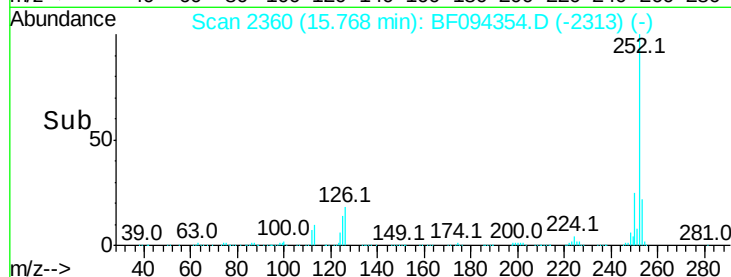
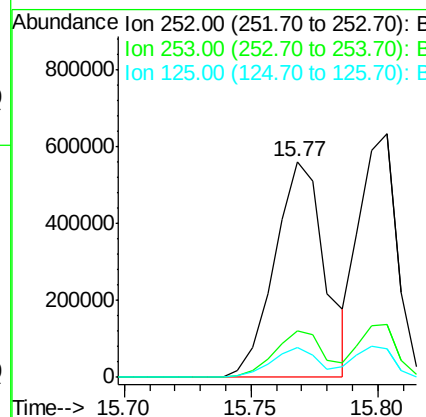
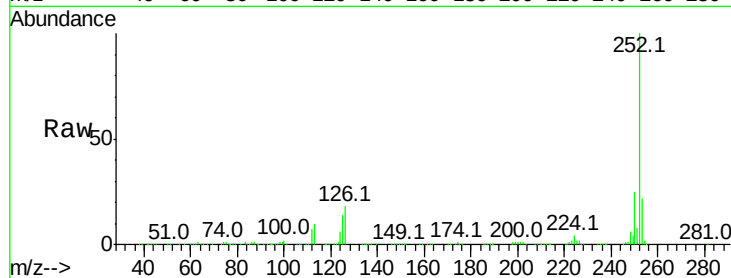
ClientSampleId :

PB98184BS

Tot Ion:	252	Resp:	774046
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	13.7	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 40.96 ng m

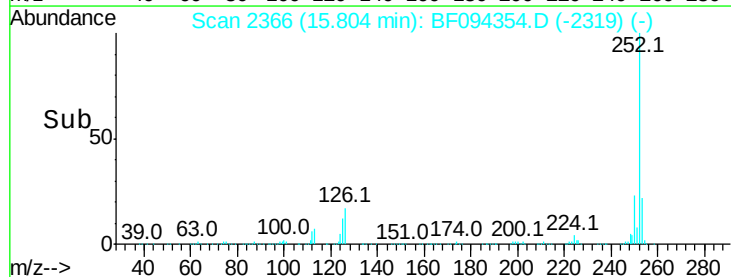
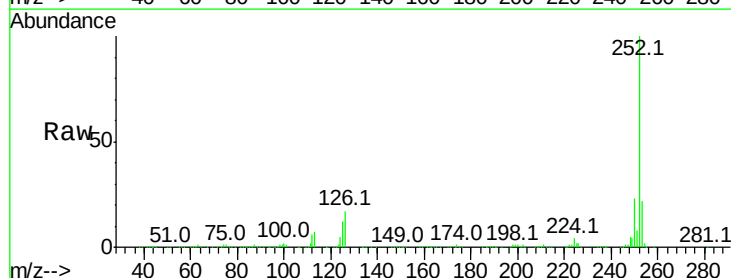
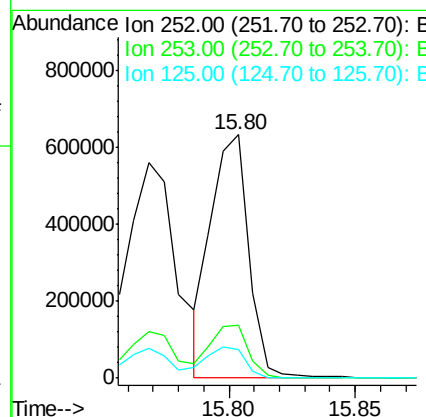
RT: 15.80 min Scan# 2366

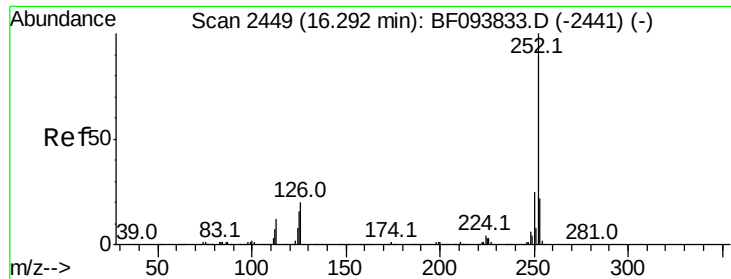
Delta R.T. -0.02 min

Lab File: BF094354.D

Acq: 11 Apr 2017 17:07

Tgt Ion:	252	Resp:	661264
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.4	27.6
125	11.7	13.1	19.7#





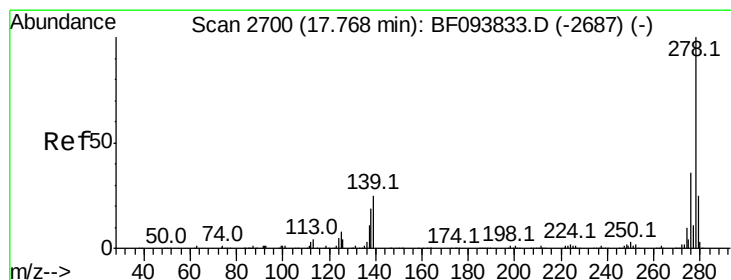
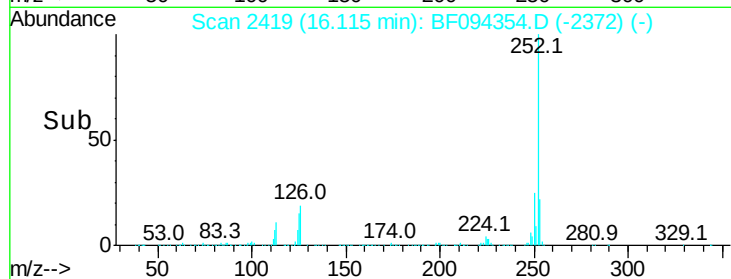
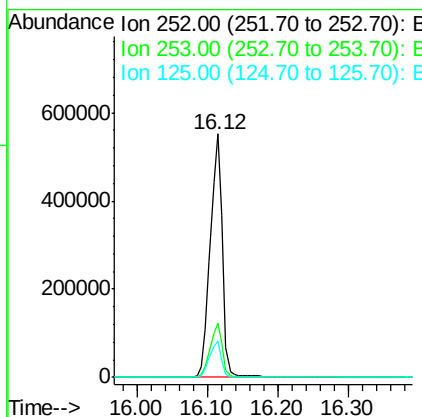
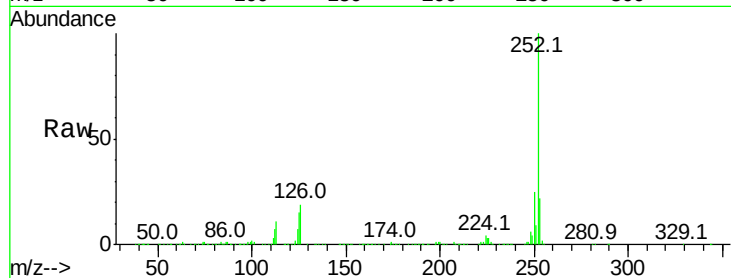
#89
Benzo(a)pyrene
Concen: 43.80 ng
RT: 16.12 min Scan# 2419
Delta R.T. -0.02 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98184BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	665511		
253	22.1		17.5	26.3
125	15.0		11.0	16.4

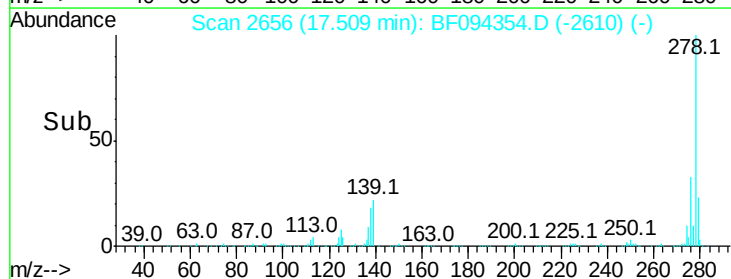
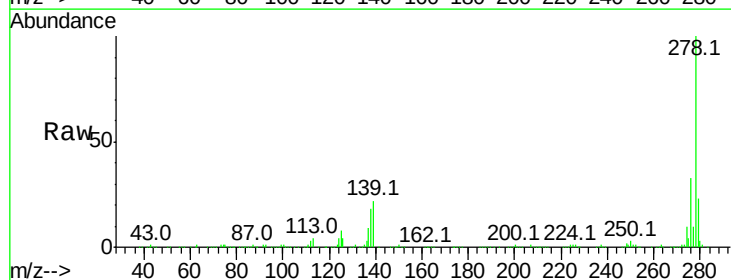
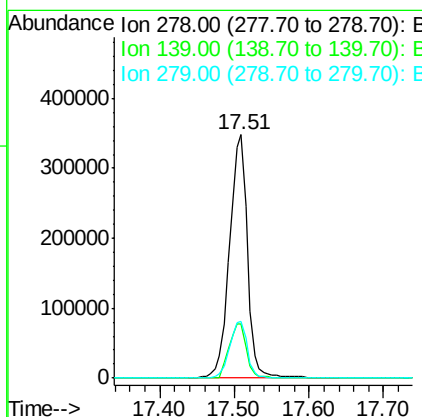
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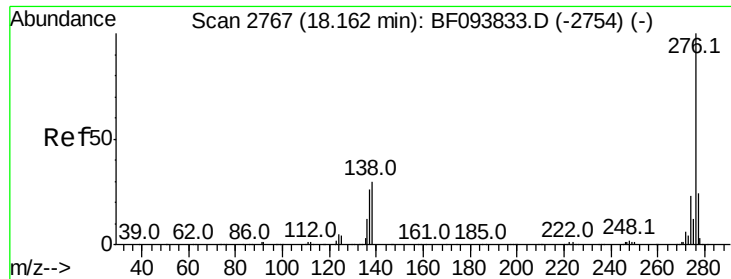
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#90
Dibenzo(a,h)anthracene
Concen: 45.66 ng
RT: 17.51 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF094354.D
Acq: 11 Apr 2017 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	587498		
139	22.2		16.6	24.8
279	23.3		19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 46.96 ng
 RT: 17.87 min Scan# 2718
 Delta R.T. -0.04 min
 Lab File: BF094354.D
 Acq: 11 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98184BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	31.4	25.4	38.0

Manual Integrations
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