

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093994.D
 Acq On : 28 Mar 2017 15:59
 Operator : SJ/MA
 Sample : PB97829BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BS

Manual Integrations
 APPROVED

mohammad
 3/29/2017 1:56:42 PM

Quant Time: Mar 29 03:23:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	162036	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	654443	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	305867	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	534077	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	430664	20.00	ng	-0.03
86) Perylene-d12	16.28	264	352910	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1220168	127.19	ng	0.00
7) Phenol-d6	5.53	99	1559471	131.40	ng	-0.02
23) Nitrobenzene-d5	6.58	82	966000	84.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	351623	145.48	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1822532	90.88	ng	-0.02
78) Terphenyl-d14	13.37	244	1526237	79.44	ng	-0.03

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.36	88	165468	35.90	ng	98
3) Pyridine	2.83	79	489076	38.93	ng	98
4) n-Nitrosodimethylamine	2.79	42	219114	42.39	ng	95
6) Aniline	5.55	93	313159	18.97	ng	# 36
8) 2-Chlorophenol	5.69	128	479293	45.45	ng	98
9) Benzaldehyde	5.42	77	134959	16.84	ng	97
10) Phenol	5.55	94	563774	41.74	ng	99
11) bis(2-Chloroethyl)ether	5.63	93	457992	43.39	ng	98
12) 1,3-Dichlorobenzene	5.86	146	513580	43.42	ng	100
13) 1,4-Dichlorobenzene	5.95	146	517471	43.19	ng	98
14) 1,2-Dichlorobenzene	6.12	146	483016	43.78	ng	97
15) Benzyl Alcohol	6.10	79	398704	45.90	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.26	45	645445	39.69	ng	99
17) 2-Methylphenol	6.23	107	404795	44.82	ng	98
18) Hexachloroethane	6.52	117	184501	43.82	ng	89
19) n-Nitroso-di-n-propylamine	6.42	70	329932	43.25	ng	97
20) 3+4-Methylphenols	6.42	107	497181	45.46	ng	# 66
22) Acetophenone	6.40	105	668359	45.82	ng	# 88
24) Nitrobenzene	6.60	77	490842	43.40	ng	94
25) Isophorone	6.89	82	910104	45.17	ng	97
26) 2-Nitrophenol	6.97	139	273532	50.71	ng	97
27) 2,4-Dimethylphenol	7.04	122	449048	48.32	ng	98
28) bis(2-Chloroethoxy)methane	7.15	93	583641	43.92	ng	98
29) 2,4-Dichlorophenol	7.27	162	423953	48.79	ng	97
30) 1,2,4-Trichlorobenzene	7.37	180	409887	45.80	ng	98
31) Naphthalene	7.46	128	1369768	43.53	ng	100
32) Benzoic acid	7.20	122	312883	50.57	ng	97
33) 4-Chloroaniline	7.52	127	147940	11.60	ng	# 92
34) Hexachlorobutadiene	7.62	225	207409	45.19	ng	98
35) Caprolactam	7.97	113	140341m	50.65	ng	
36) 4-Chloro-3-methylphenol	8.14	107	448849	49.43	ng	90
37) 2-Methylnaphthalene	8.30	142	972593	46.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	350202	41.85	ng	99
40) Hexachlorocyclopentadiene	8.50	237	379414	96.90	ng	99

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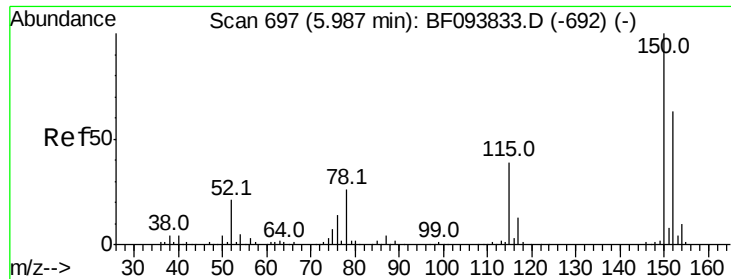
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	290834	49.13	nq	98
43) 2,4,5-Trichlorophenol	8.70	196	295208	46.09	nq	95
45) 1,1'-Biphenyl	8.87	154	1081506	43.84	nq	98
46) 2-Chloronaphthalene	8.90	162	855634	44.31	nq	95
47) 2-Nitroaniline	9.02	65	257880	45.01	nq	# 82
48) Acenaphthylene	9.40	152	1386609	43.20	nq	99
49) Dimethylphthalate	9.27	163	1028873	47.32	nq	99
50) 2,6-Dinitrotoluene	9.33	165	234340	47.02	nq	# 87
51) Acenaphthene	9.62	154	823558	43.97	nq	99
52) 3-Nitroaniline	9.52	138	103779	17.73	nq	94
53) 2,4-Dinitrophenol	9.66	184	253628	94.21	nq	# 72
54) Dibenzofuran	9.83	168	1191209	46.72	nq	99
55) 4-Nitrophenol	9.76	139	416804	90.94	nq	# 69
56) 2,4-Dinitrotoluene	9.83	165	289541	46.25	nq	# 73
57) Fluorene	10.25	166	891661	42.17	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	227800	51.83	nq	98
59) Diethylphthalate	10.13	149	1007753	46.90	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	386046	42.86	nq	92
61) 4-Nitroaniline	10.29	138	246324	43.86	nq	97
62) Azobenzene	10.45	77	979862	48.20	nq	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	163580	50.01	nq	# 70
65) n-Nitrosodiphenylamine	10.40	169	851976	46.13	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	244492	46.55	nq	99
67) Hexachlorobenzene	10.93	284	249742	46.97	nq	# 87
68) Atrazine	11.07	200	254035	45.92	nq	95
69) Pentachlorophenol	11.17	266	279041	84.31	nq	98
70) Phenanthrene	11.43	178	1324746	44.59	nq	99
71) Anthracene	11.49	178	1372102	44.85	nq	99
72) Carbazole	11.69	167	1292566	41.21	nq	98
73) Di-n-butylphthalate	12.14	149	1584915	48.59	nq	99
74) Fluoranthene	12.89	202	1376532	45.25	nq	99
76) Benzidine	13.05	184	407832	23.93	nq	# 93
77) Pyrene	13.17	202	1396068	44.67	nq	99
79) Butylbenzylphthalate	13.98	149	674956	50.68	nq	# 83
80) Benzo(a)anthracene	14.64	228	1166871	46.46	nq	99
81) 3,3'-Dichlorobenzidine	14.61	252	213938	23.83	nq	# 95
82) Chrysene	14.69	228	1018900	43.72	nq	99
83) Bis(2-ethylhexyl)phthalate	14.70	149	927442	51.05	nq	# 99
84) Di-n-octyl phthalate	15.45	149	1570748	51.75	nq	98
85) Indeno(1,2,3-cd)pyrene	17.64	276	883071	43.75	nq	99
87) Benzo(b)fluoranthene	15.87	252	1015763	46.96	nq	99
88) Benzo(k)fluoranthene	15.90	252	930964	43.98	nq	96
89) Benzo(a)pyrene	16.22	252	911191	45.74	nq	98
90) Dibenzo(a,h)anthracene	17.66	278	732813	43.44	nq	98
91) Benzo(g,h,i)perylene	18.04	276	721642	42.44	nq	100

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



#1

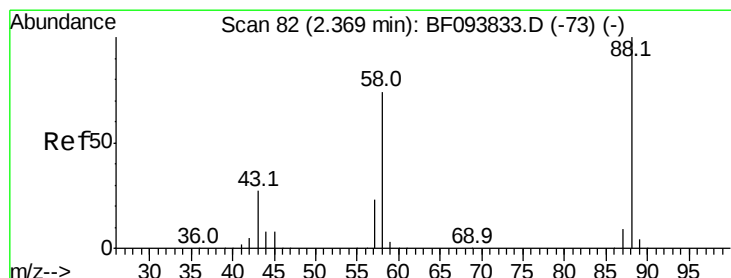
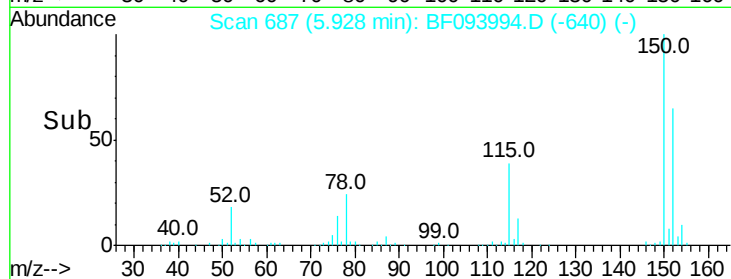
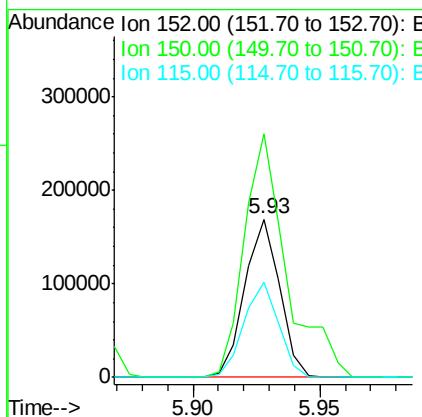
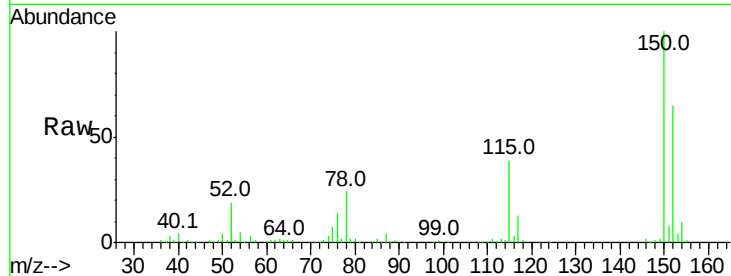
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.2	189.2
115	60.5	52.2	78.2

Manual Integrations
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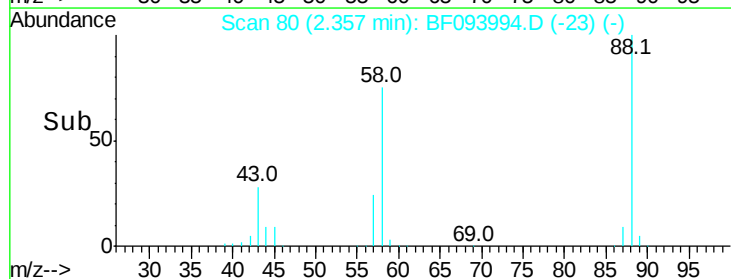
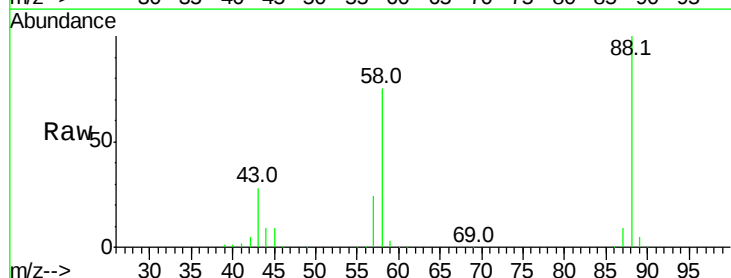
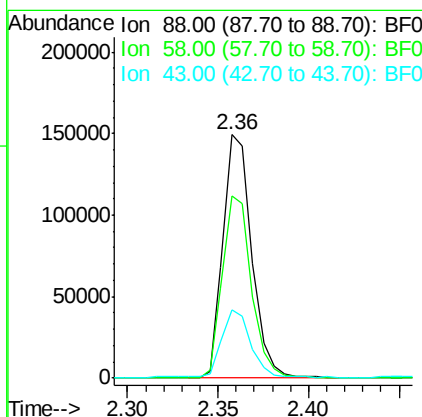
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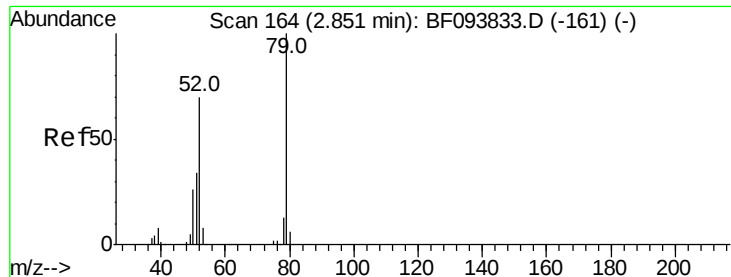


#2

1,4-Dioxane
Concen: 35.90 ng
RT: 2.36 min Scan# 80
Delta R.T. 0.04 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.5	61.4	92.0
43	28.2	23.4	35.0





#3

Pvridine

Concen: 38.93 ng

RT: 2.83 min Scan# 161

Delta R.T. 0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

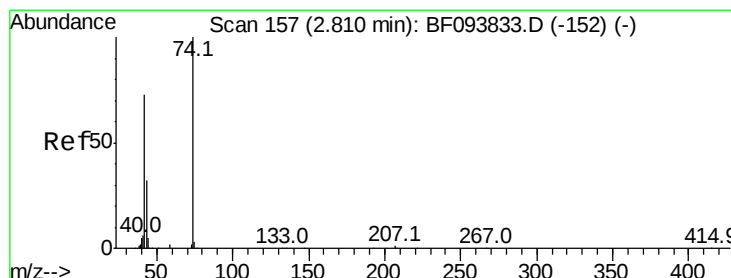
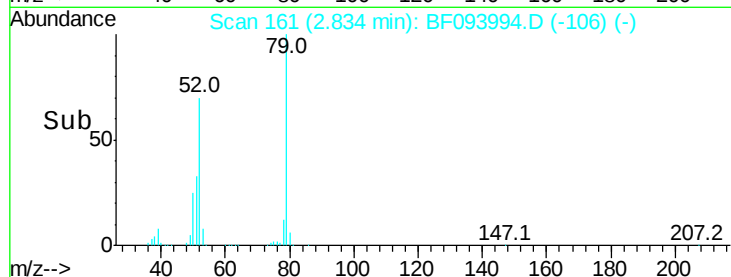
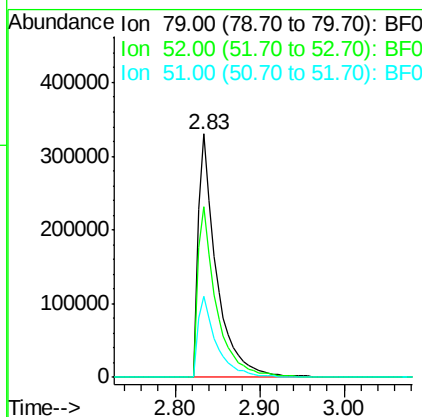
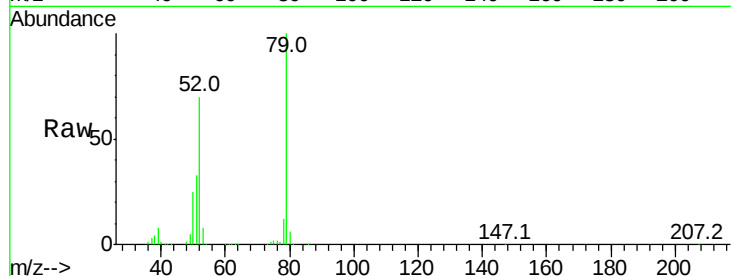
ClientSampleId :

PB97829BS

Tot Ion:	79	Resp:	489076
Ion Ratio	Lower	Upper	
79	100		
52	70.2	54.8	82.2
51	33.2	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.39 ng

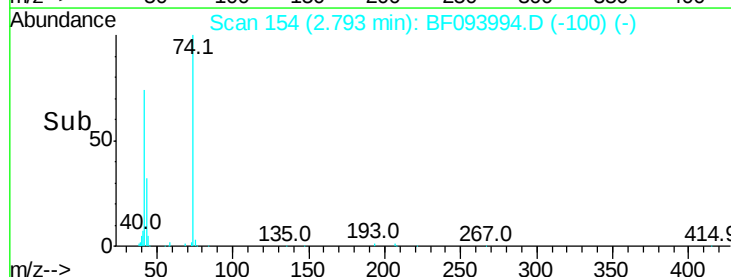
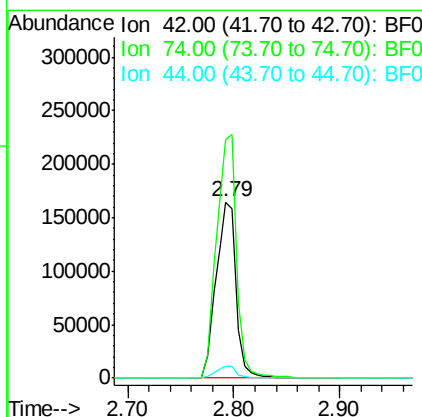
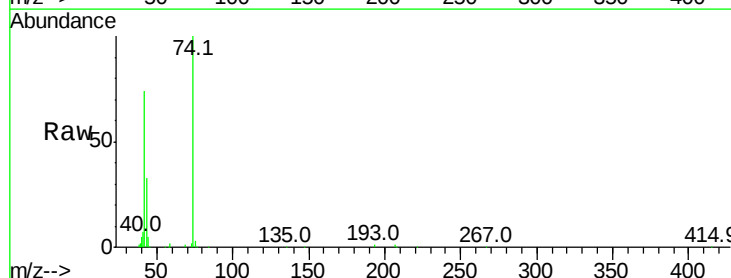
RT: 2.79 min Scan# 154

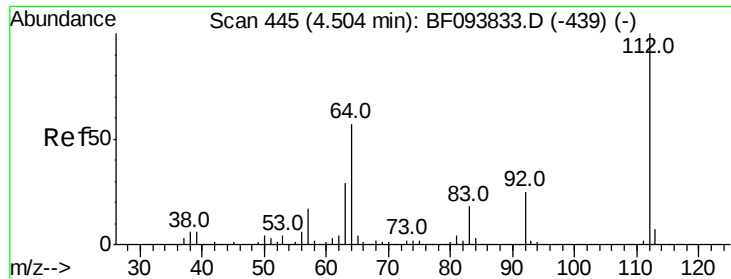
Delta R.T. 0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Tgt Ion:	42	Resp:	219114
Ion Ratio	Lower	Upper	
42	100		
74	135.4	103.9	155.9
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 127.19 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

PB97829BS

Tot Ion:112 Resp: 1220168

Ion Ratio Lower Upper

112 100

64 59.3 46.0 69.0

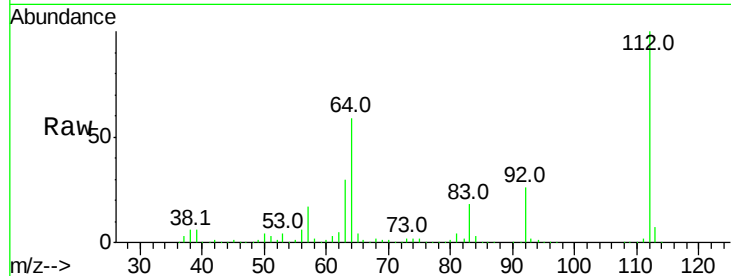
63 29.5 23.4 35.0

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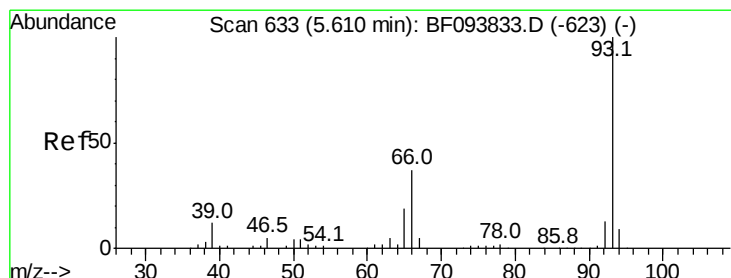
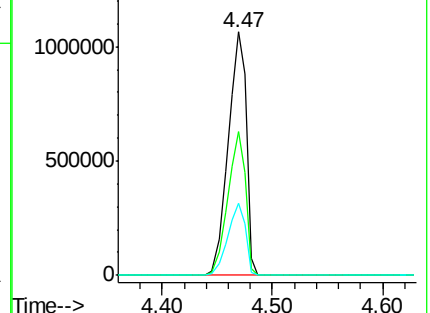
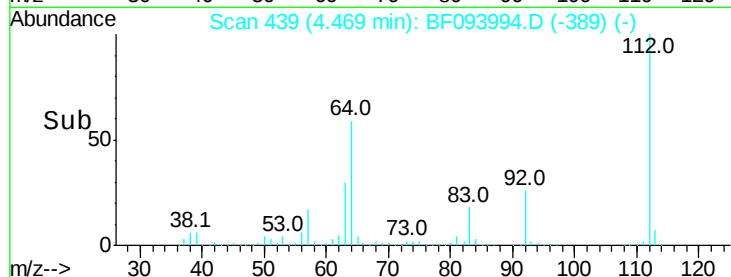
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.97 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

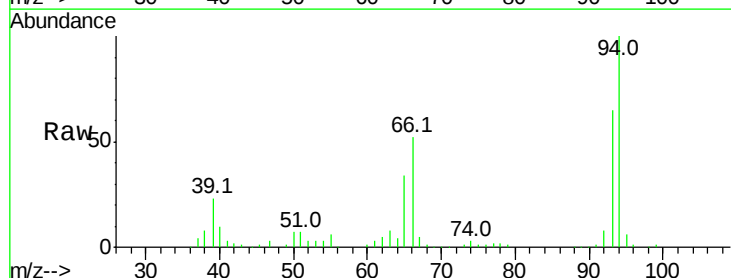
Tgt Ion: 93 Resp: 313159

Ion Ratio Lower Upper

93 100

66 79.5 32.9 49.3#

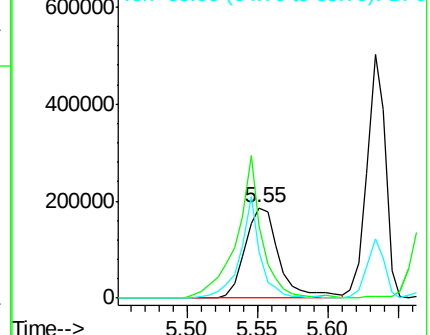
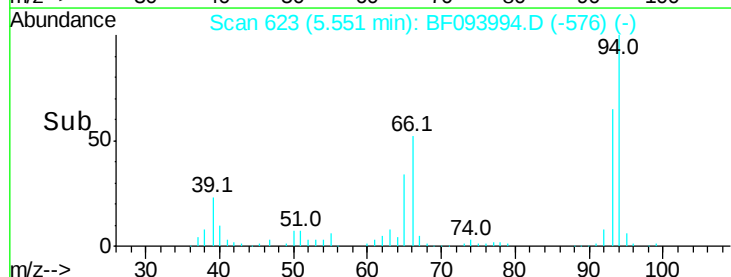
65 51.5 16.0 24.0#

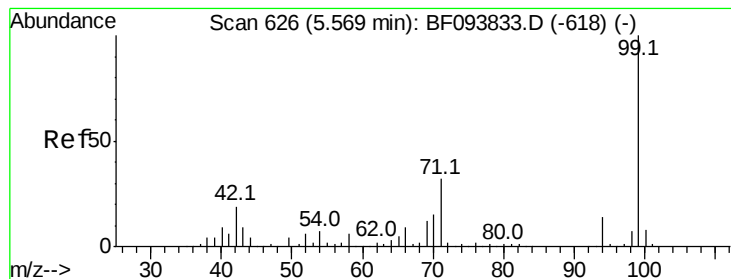


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.40 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampled :

PB97829BS

Tot Ion: 99 Resp: 1559471

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

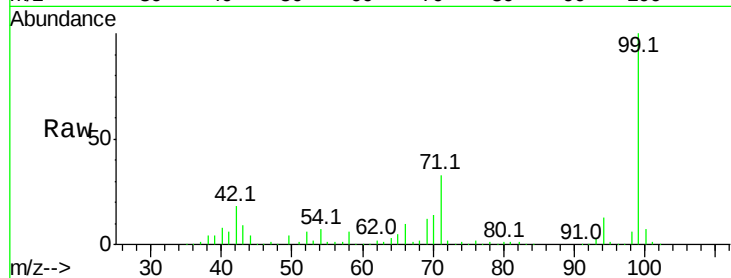
71 33.0 24.5 36.7

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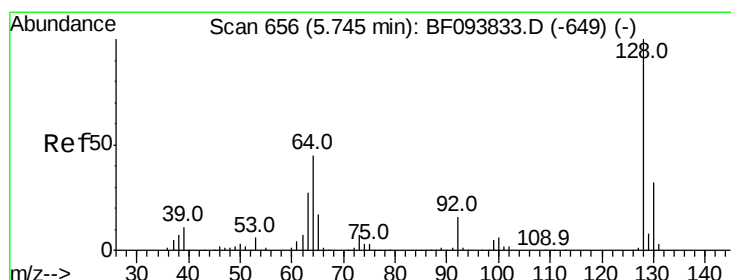
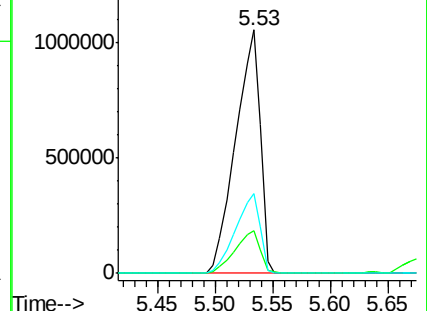
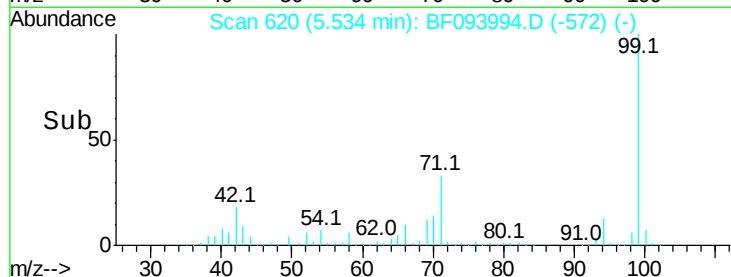
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.45 ng

RT: 5.69 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

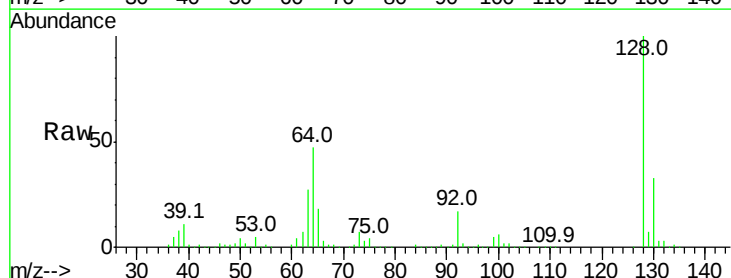
Tgt Ion:128 Resp: 479293

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

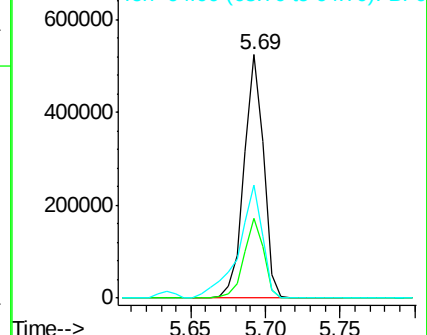
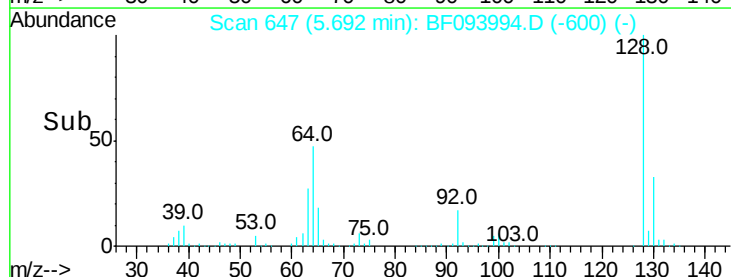
64 46.6 28.4 68.4

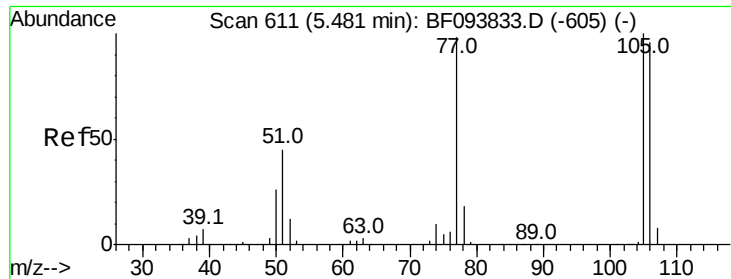


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.84 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

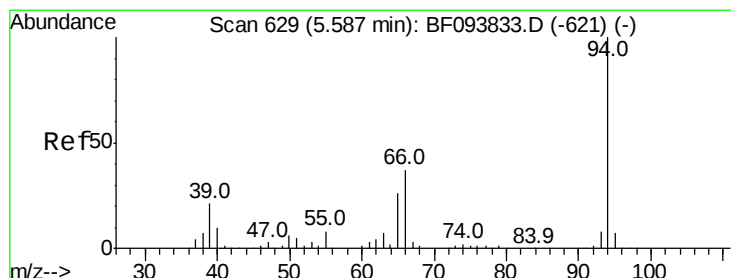
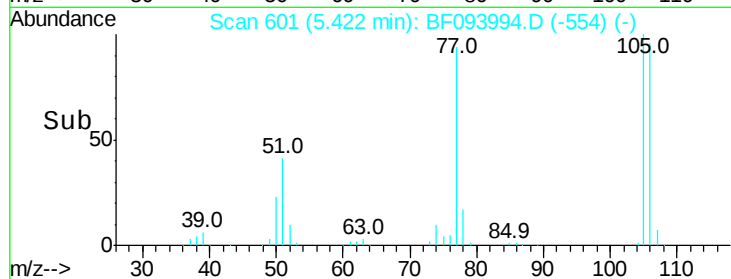
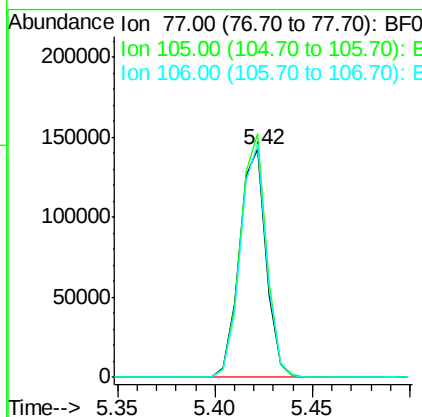
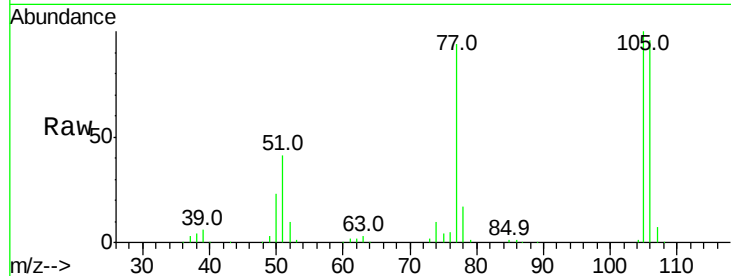
ClientSampleId :

PB97829BS

Tot Ion:	77	Resp:	134959
Ion	Ratio	Lower	Upper
77	100		
105	106.8	83.8	123.8
106	102.2	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 41.74 ng

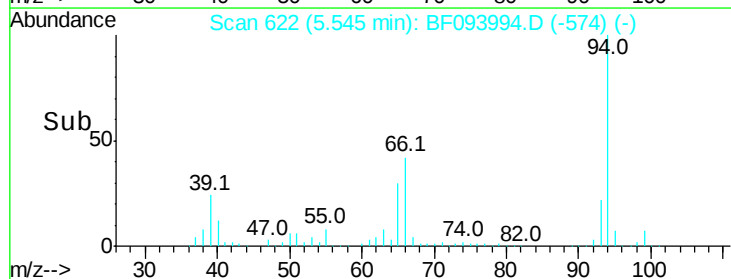
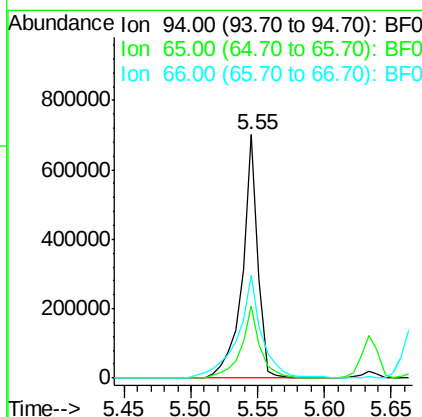
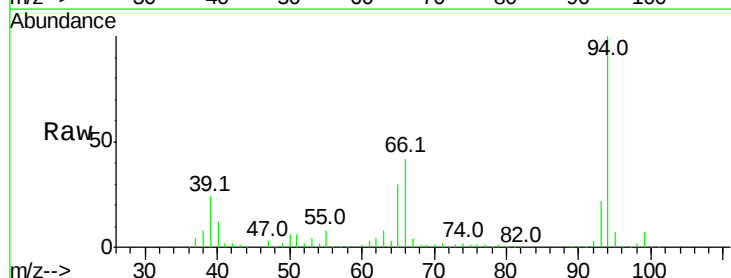
RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Tgt Ion:	94	Resp:	563774
Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.9	49.9
66	42.0	23.1	63.1





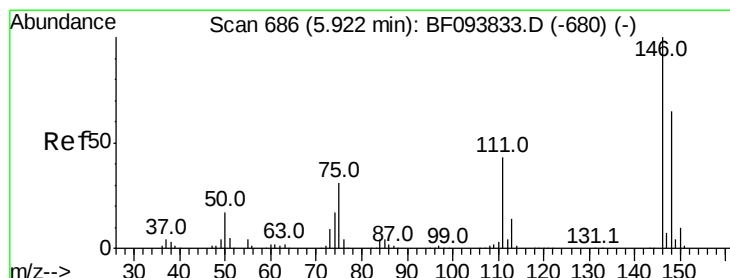
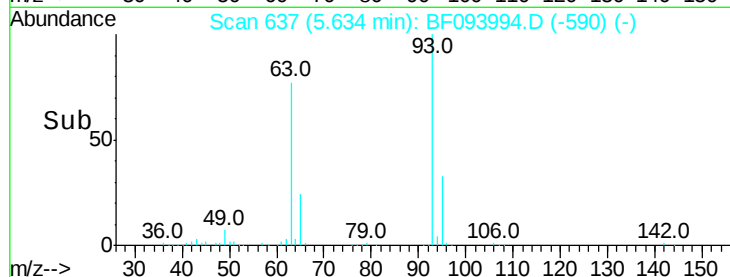
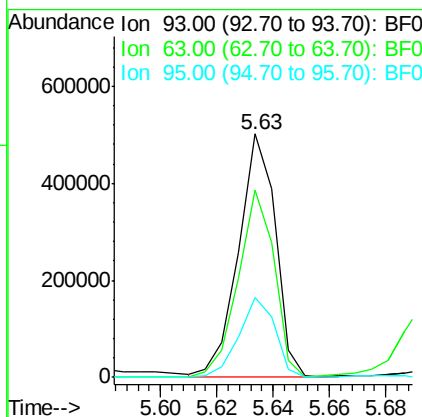
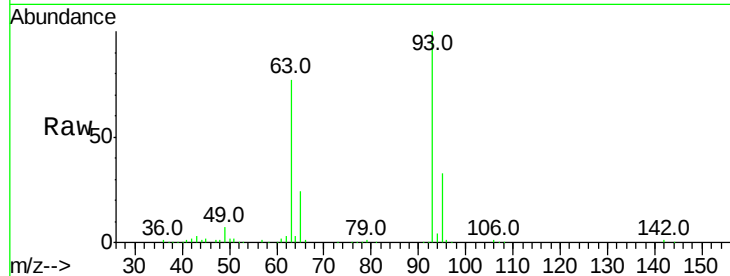
#11
bis(2-Chloroethyl)ether
Concen: 43.39 ng
RT: 5.63 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.0	59.2	99.2
95	32.5	12.8	52.8

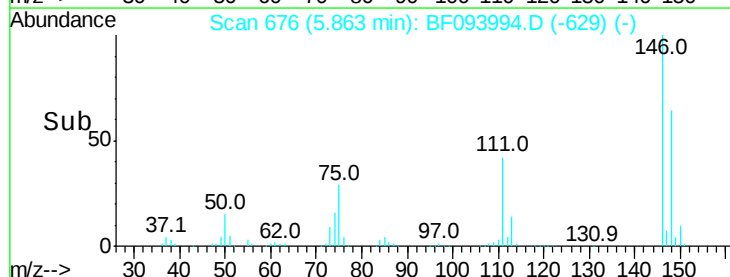
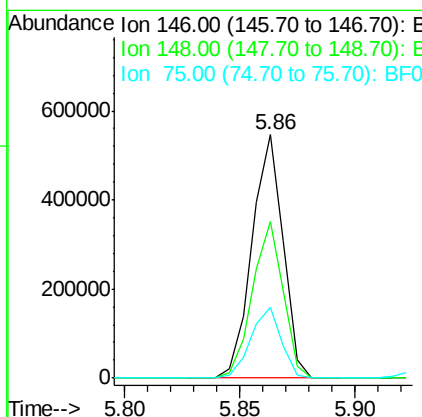
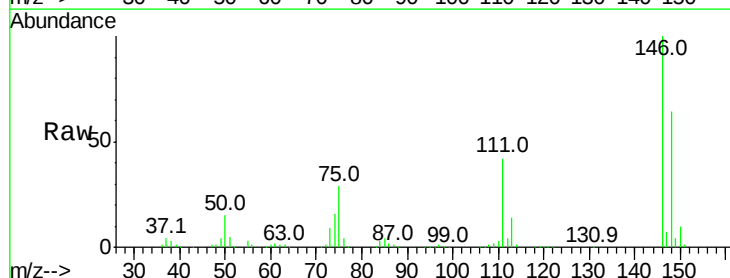
Manual Integrations
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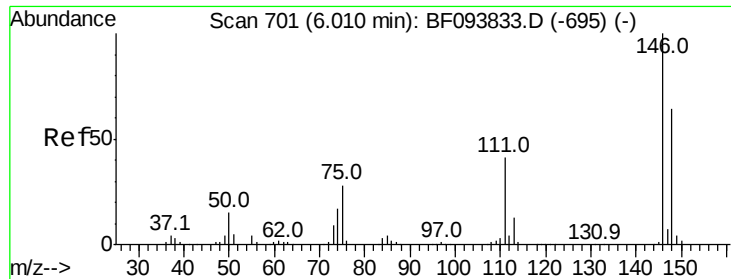
mohammad
3/29/2017 1:56:42 PM



#12
1,3-Dichlorobenzene
Concen: 43.42 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
75	28.9	23.1	34.7





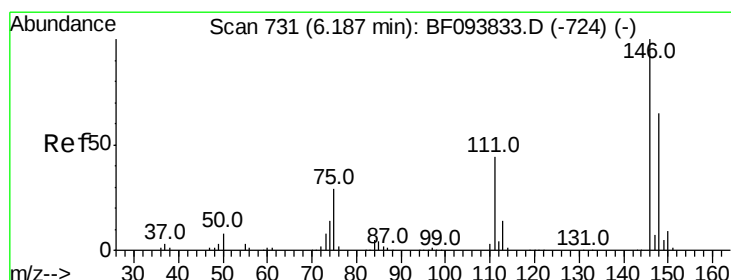
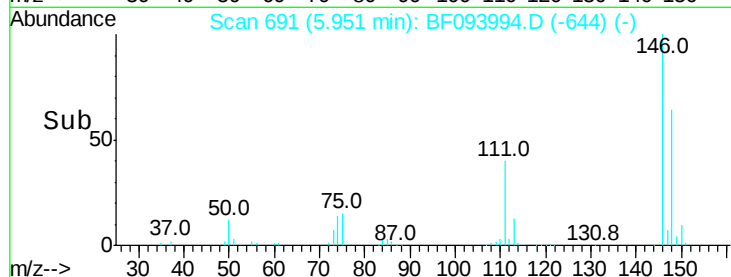
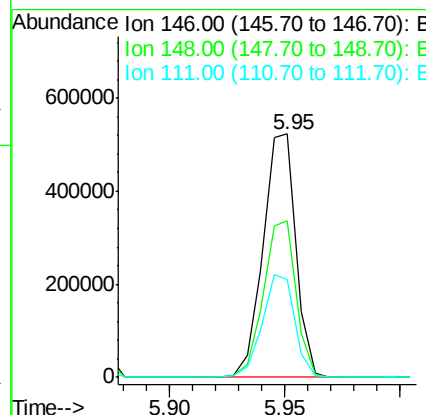
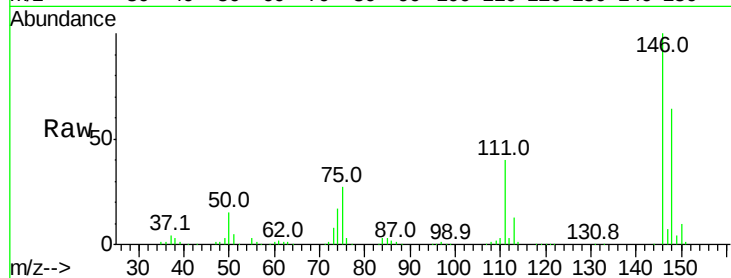
#13
 1,4-Dichlorobenzene
 Concen: 43.19 ng
 RT: 5.95 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	39.9	30.3	45.5

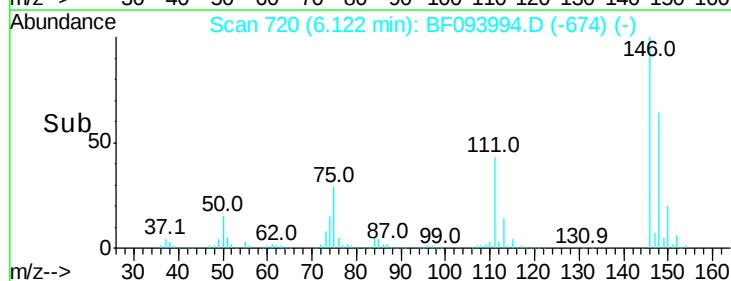
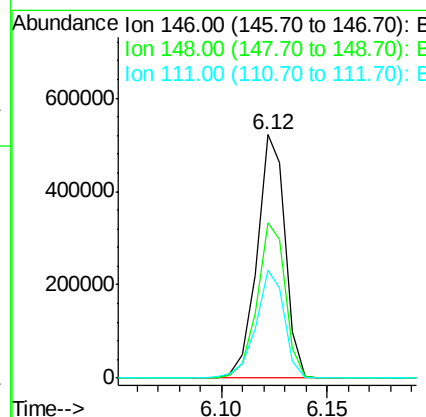
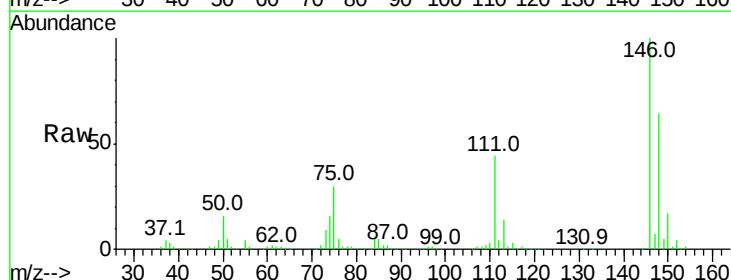
Manual Integrations
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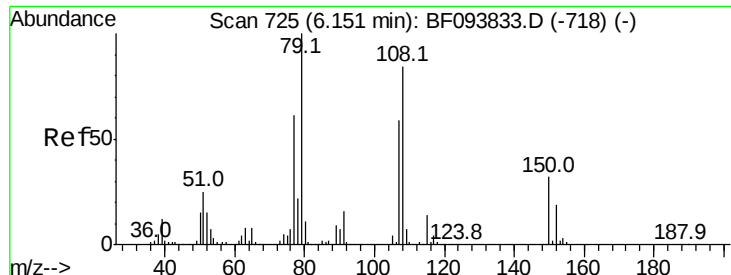
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.78 ng
 RT: 6.12 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	44.5	38.2	57.4





#15

Benzyl Alcohol

Concen: 45.90 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleID :

PB97829BS

Tot Ion: 79 Resp: 398704

Ion Ratio Lower Upper

79 100

108 82.3 63.4 95.0

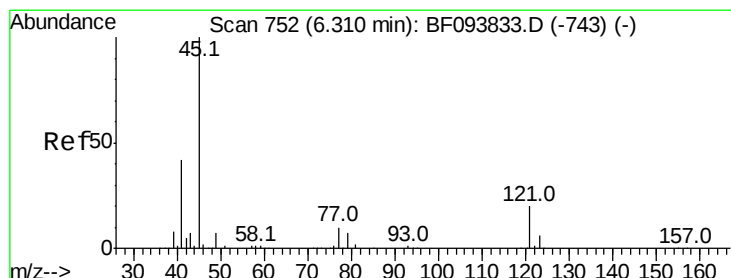
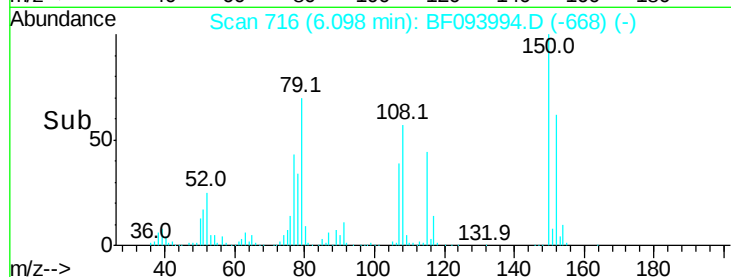
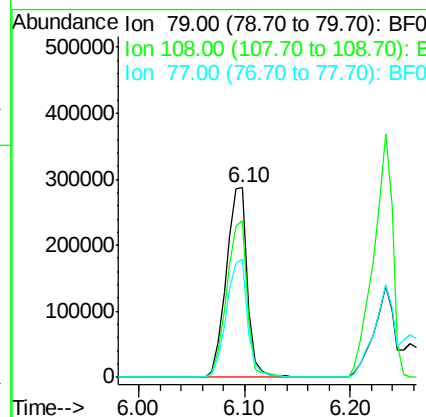
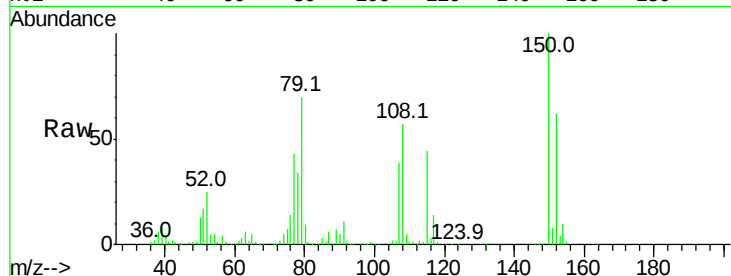
77 62.3 49.2 73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.69 ng

RT: 6.26 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

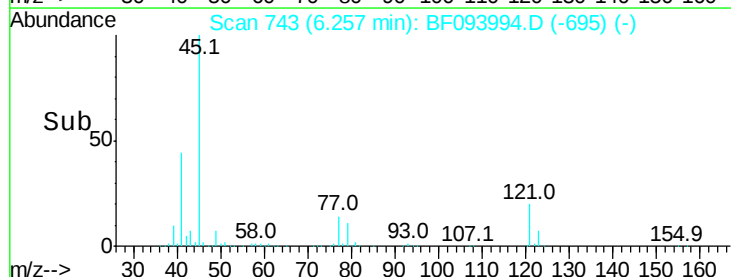
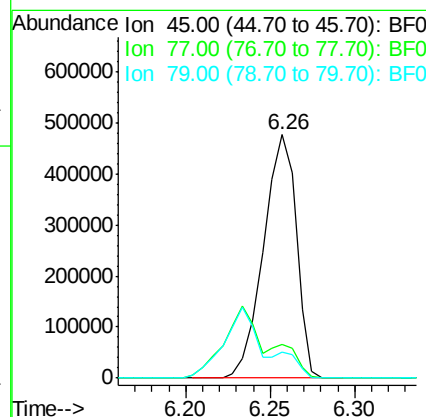
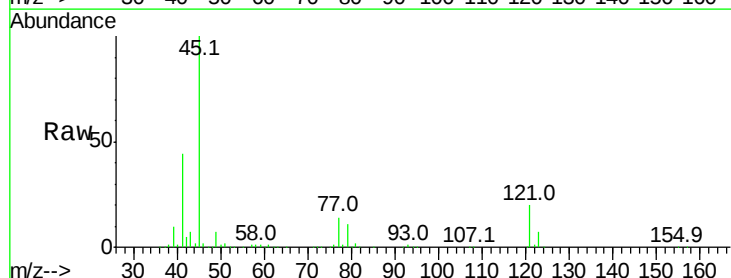
Tgt Ion: 45 Resp: 645445

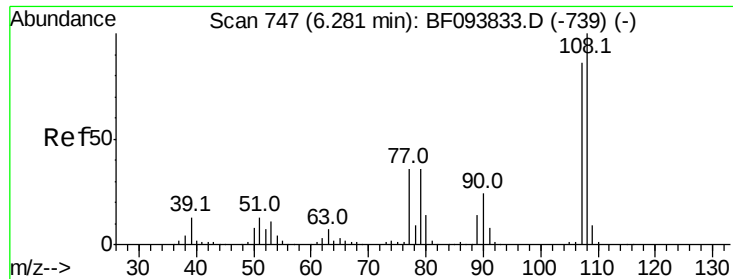
Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.2

79 10.7 0.0 30.0





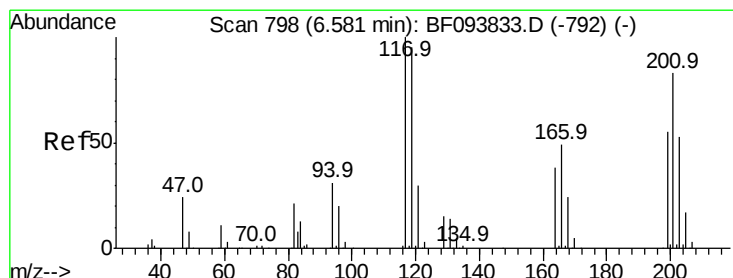
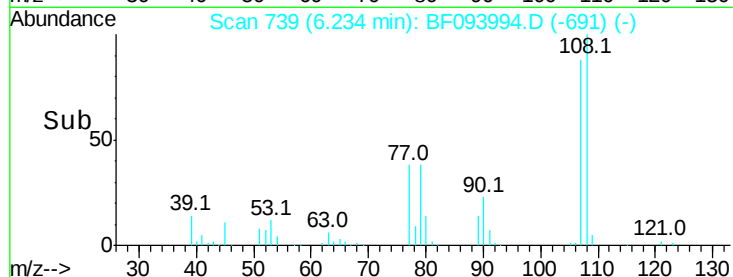
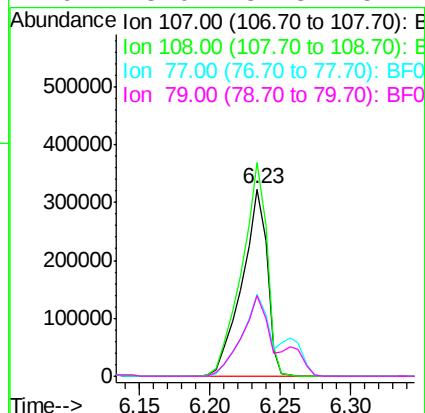
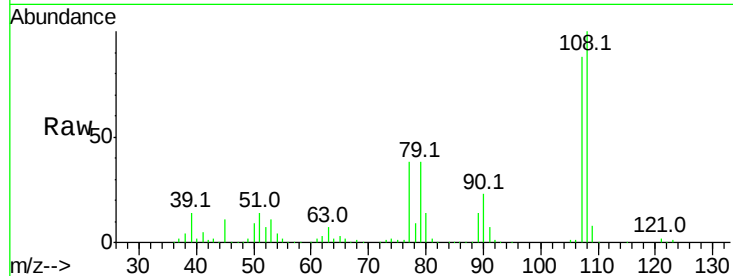
#17
2-Methylphenol
Concen: 44.82 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Tot Ion	107	Resp	404795
Ion Ratio	Lower	Upper	
107	100		
108	114.0	93.4	140.0
77	43.6	35.8	53.6
79	43.0	34.8	52.2

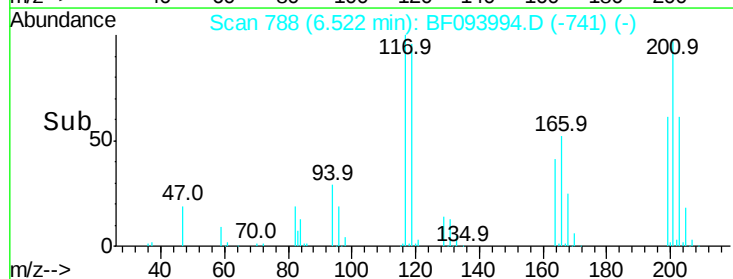
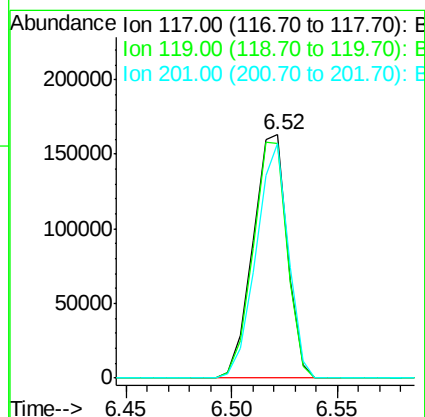
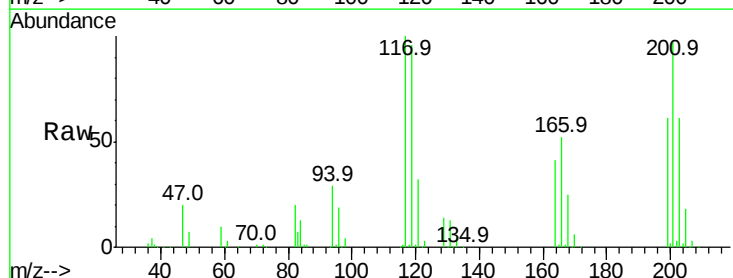
Manual Integrations
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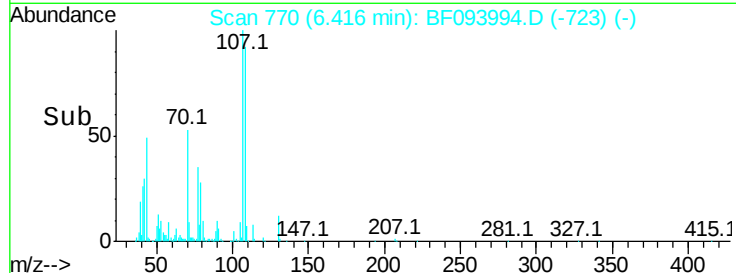
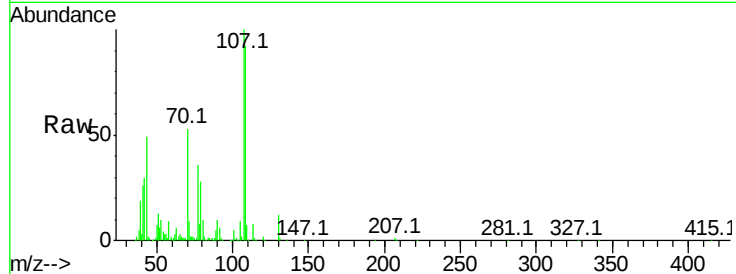
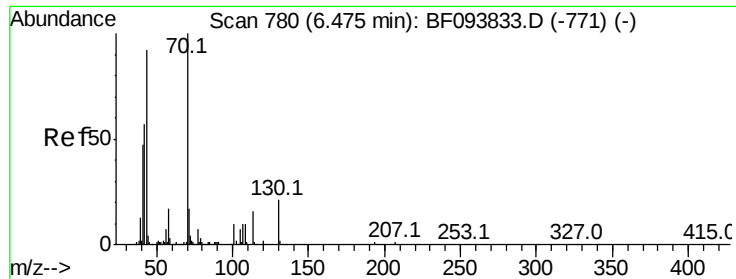
mohammad
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#18
Hexachloroethane
Concen: 43.82 ng
RT: 6.52 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	117	Resp	184501
Ion Ratio	Lower	Upper	
117	100		
119	96.2	77.4	116.0
201	96.5	94.6	141.8





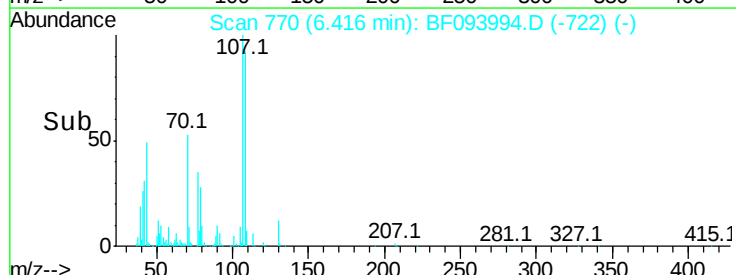
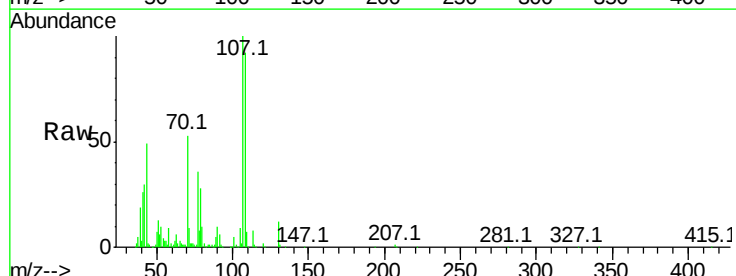
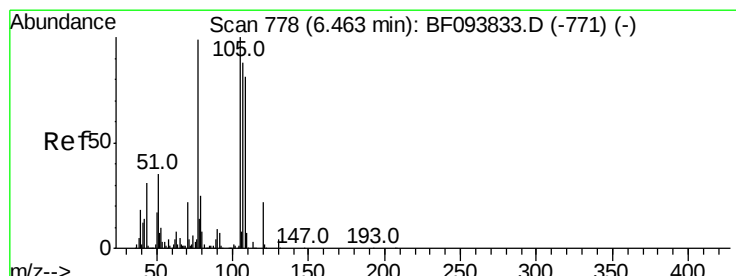
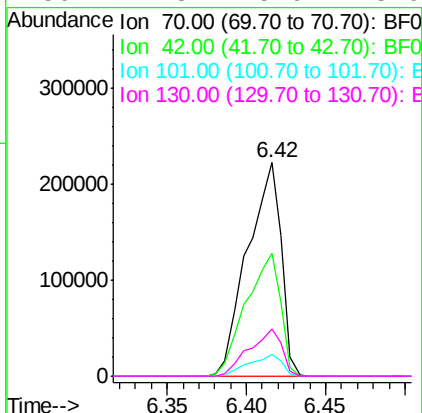
#19
n-Nitroso-di-n-propylamine
Concen: 43.25 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Manual Integrations
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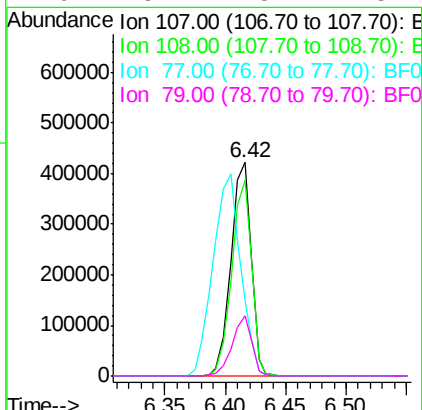
mohammad
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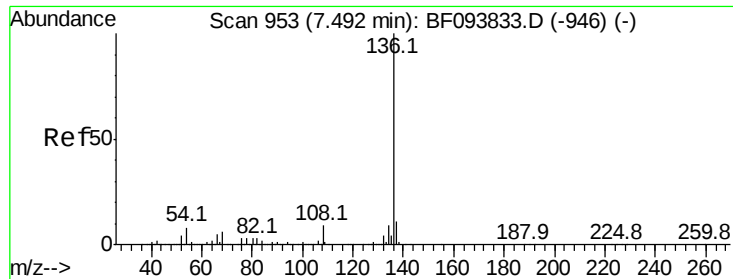
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	47.2	70.8	
101	9.9	7.2	10.8	
130	22.3	15.9	23.9	



#20
3+4-Methylphenols
Concen: 45.46 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.9	71.0	111.0	
77	35.6	90.5	130.5#	
79	28.2	8.4	48.4	





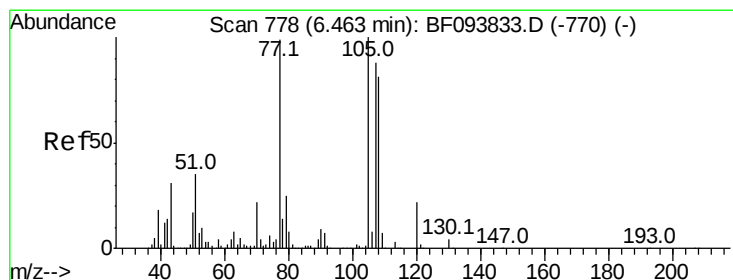
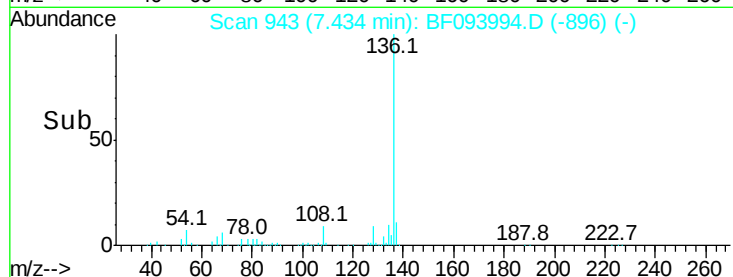
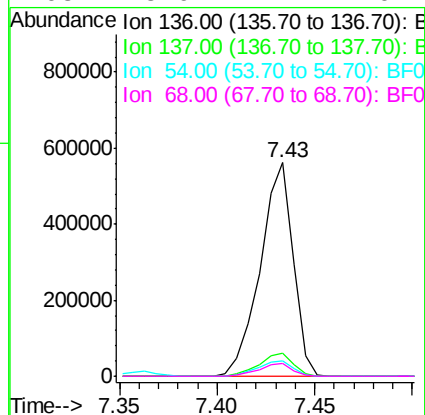
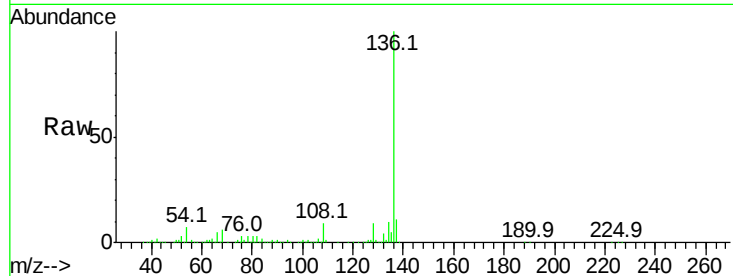
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	654443		
137	10.6		8.5	12.7
54	7.1		4.9	7.3
68	5.9		4.1	6.1

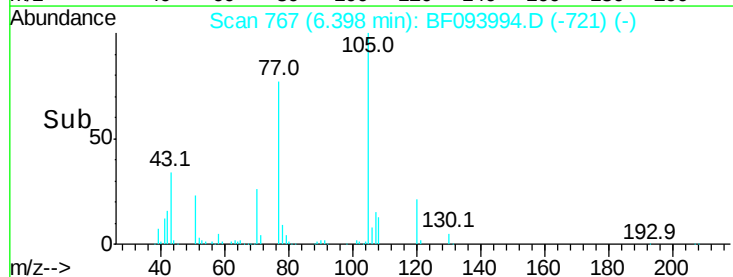
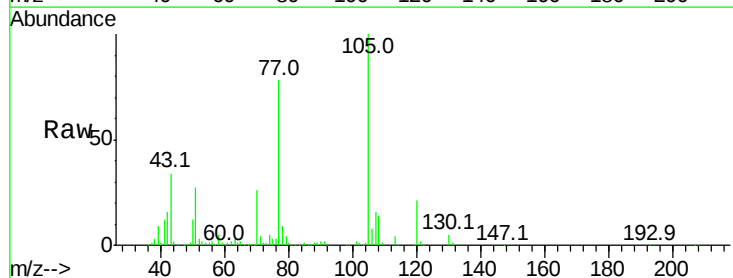
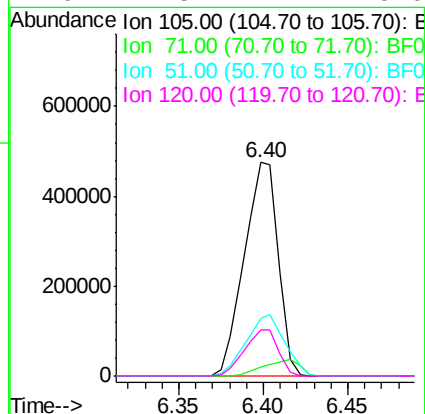
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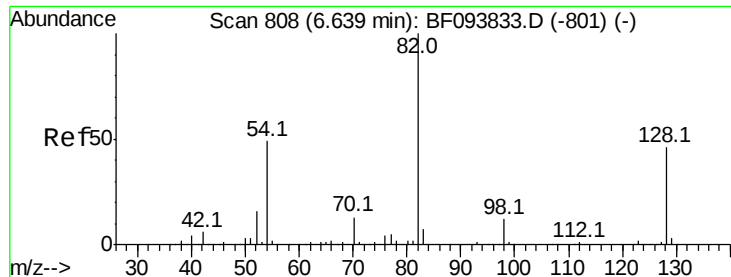
mohammad
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#22
Acetophenone
Concen: 45.82 ng
RT: 6.40 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	668359		
71	4.3		2.8	4.2#
51	27.0		30.7	46.1#
120	21.5		17.4	26.0





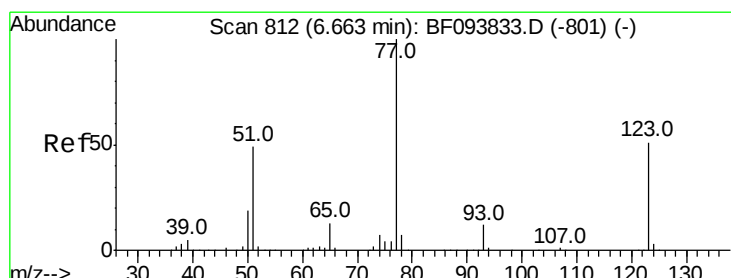
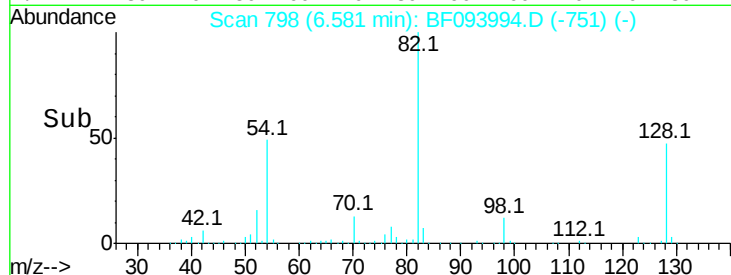
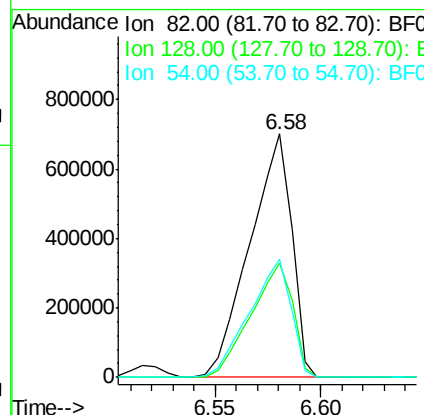
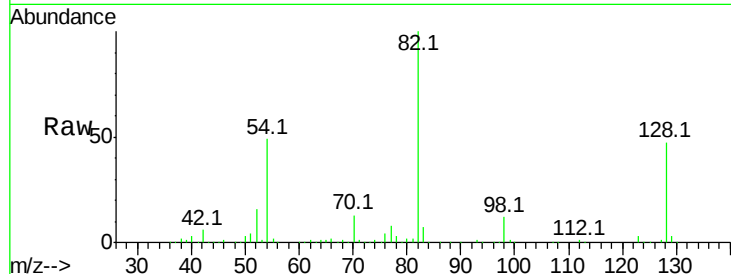
#23
 Nitrobenzene-d5
 Concen: 84.24 ng
 RT: 6.58 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleID :
 PB97829BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.7	34.0	51.0	
54	48.5	42.2	63.2	

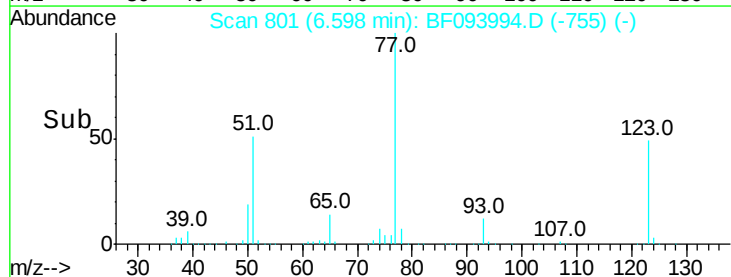
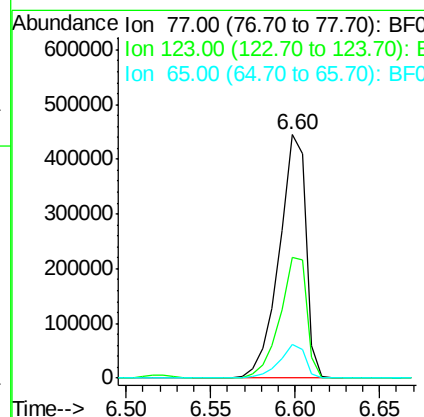
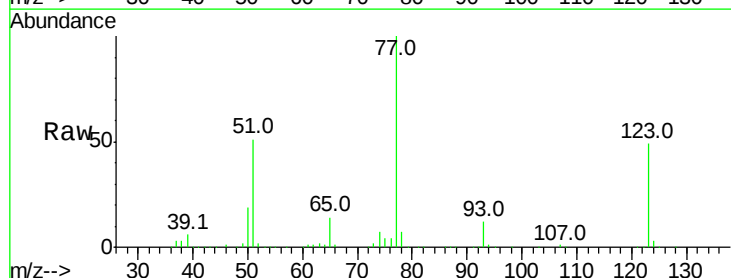
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#24
 Nitrobenzene
 Concen: 43.40 ng
 RT: 6.60 min Scan# 801
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.4	35.8	53.8	
65	13.7	10.6	15.8	





#25

Isophorone

Concen: 45.17 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

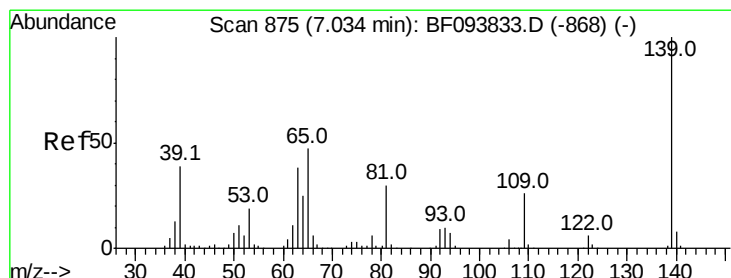
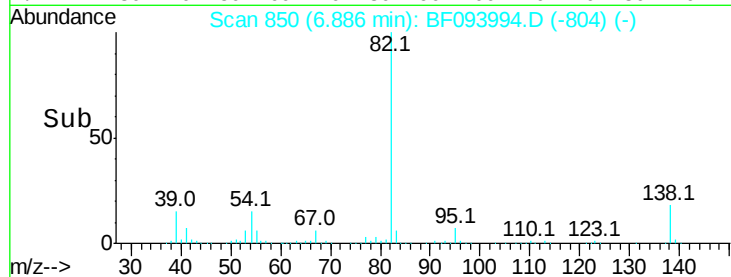
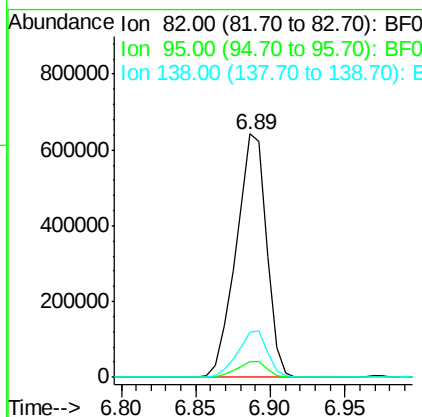
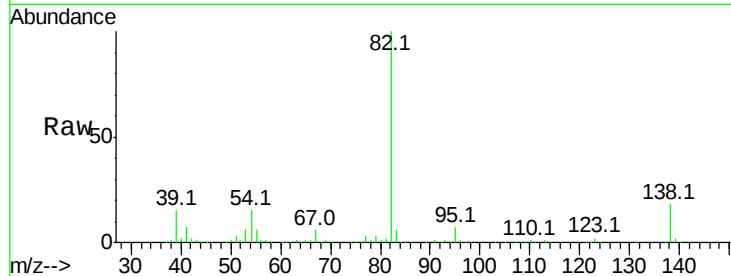
ClientSampleId :

PB97829BS

Tot Ion:	82	Resp:	910104
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	18.4	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.71 ng

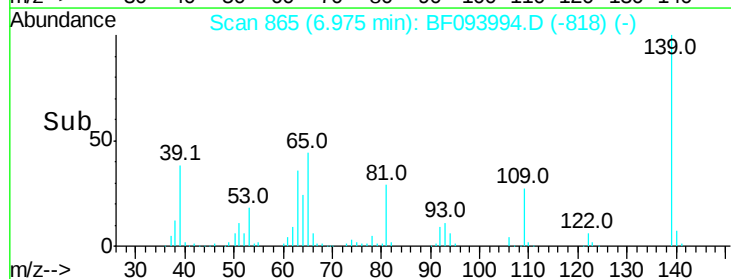
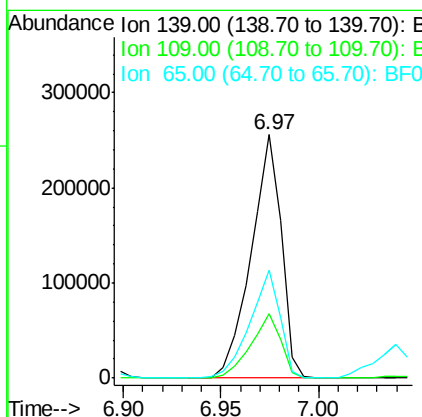
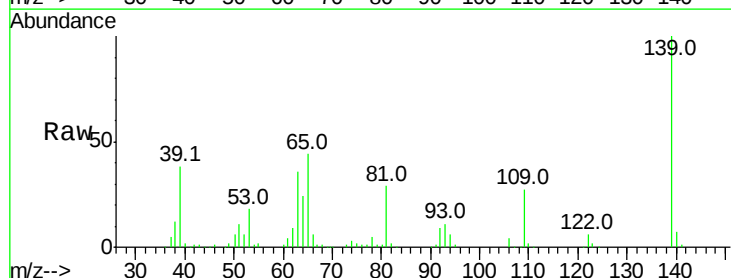
RT: 6.97 min Scan# 865

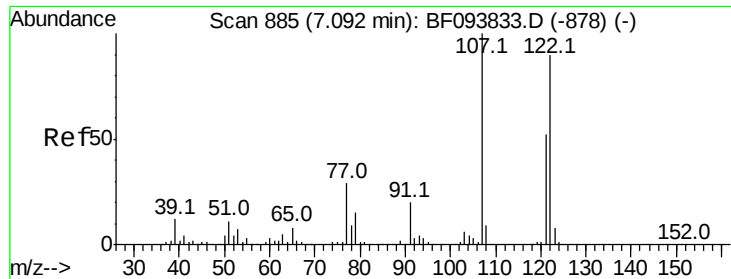
Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Tgt Ion:	139	Resp:	273532
Ion Ratio	Lower	Upper	
139	100		
109	26.6	21.0	31.6
65	44.4	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 48.32 ng

RT: 7.04 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

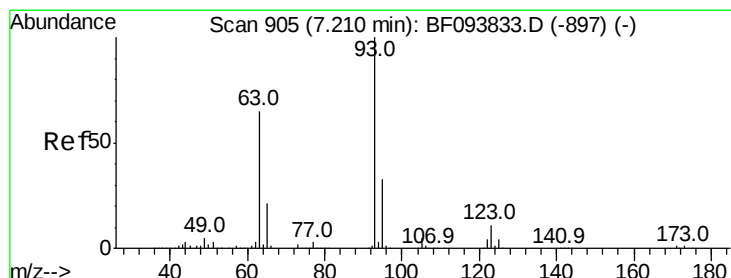
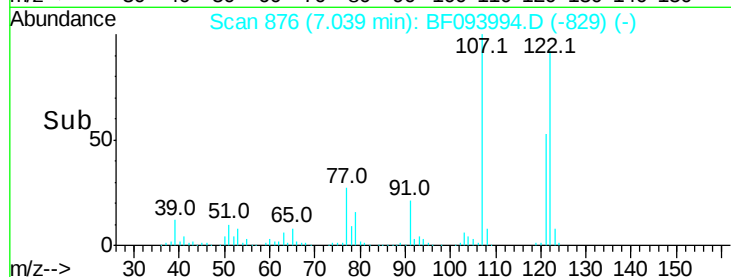
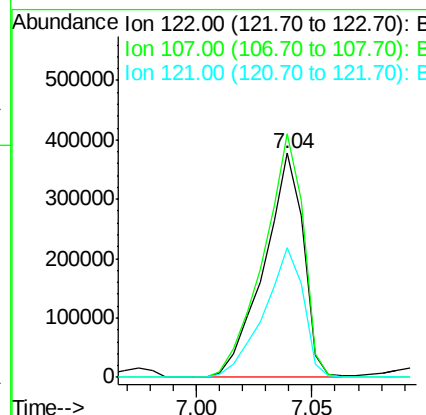
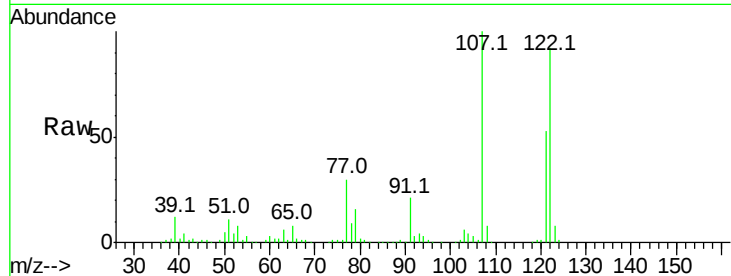
ClientSampled :

PB97829BS

Tot Ion:	122	Resp:	449048
Ion Ratio	Lower	Upper	
122	100		
107	108.6	89.2	133.8
121	57.9	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 43.92 ng

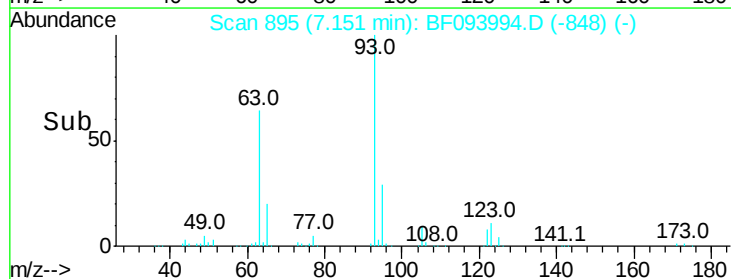
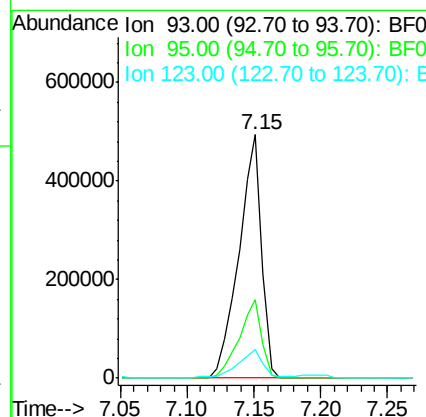
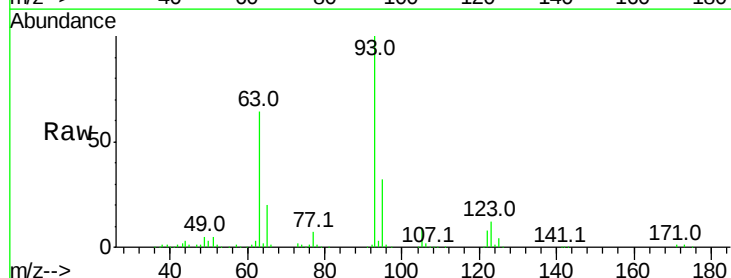
RT: 7.15 min Scan# 895

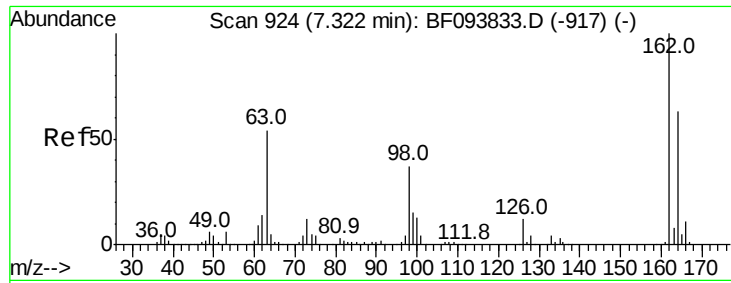
Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Tgt Ion:	93	Resp:	583641
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.5	39.7
123	11.7	9.0	13.4





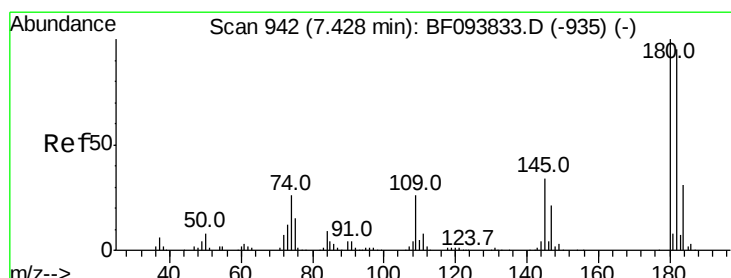
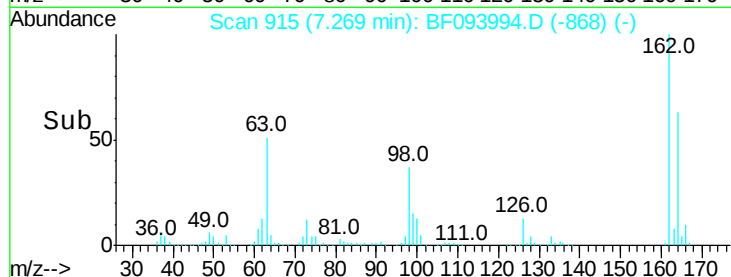
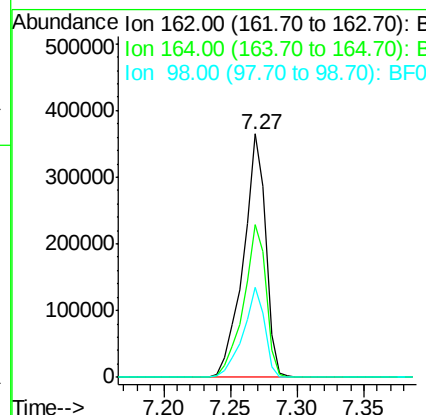
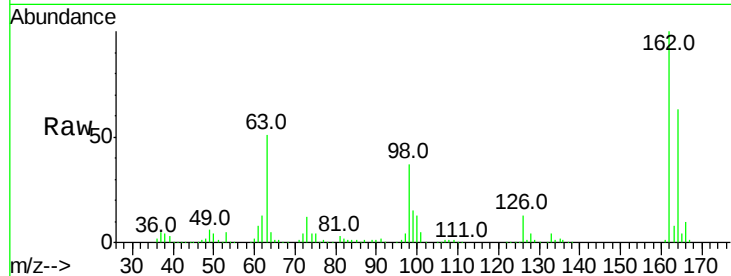
#29
 2,4-Dichlorophenol
 Concen: 48.79 ng
 RT: 7.27 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BS

Tot Ion:	162	Resp:	423953
Ion Ratio	Lower	Upper	
162	100		
164	62.9	44.6	84.6
98	36.9	14.8	54.8

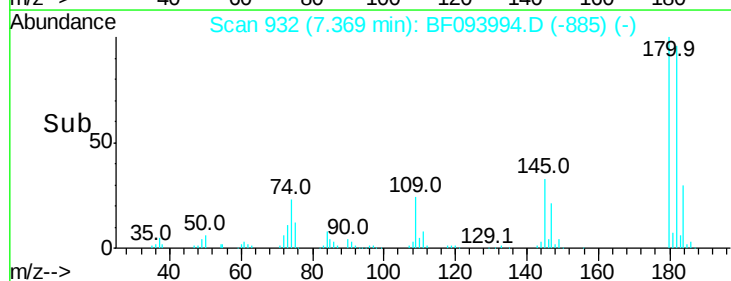
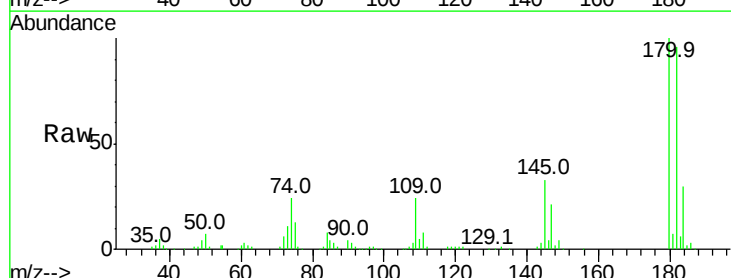
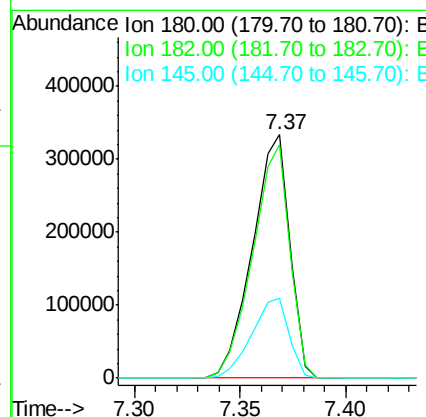
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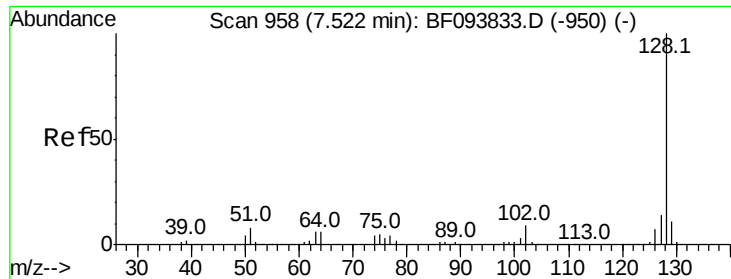
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.80 ng
 RT: 7.37 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:	180	Resp:	409887
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.8	113.6
145	32.8	25.3	37.9





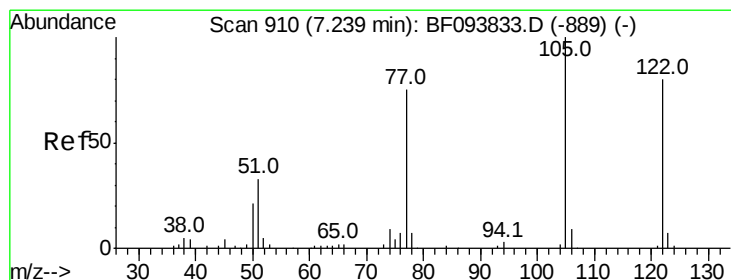
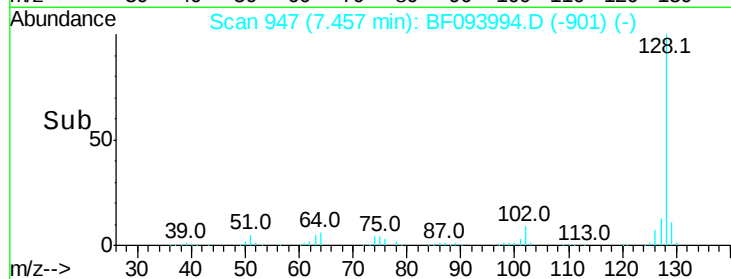
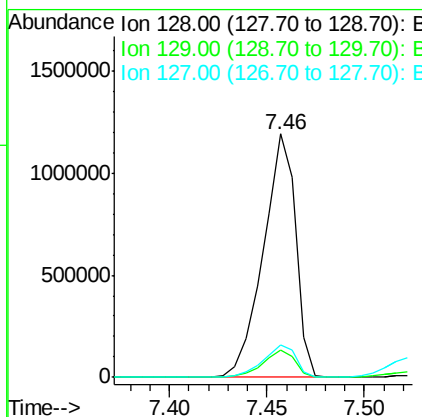
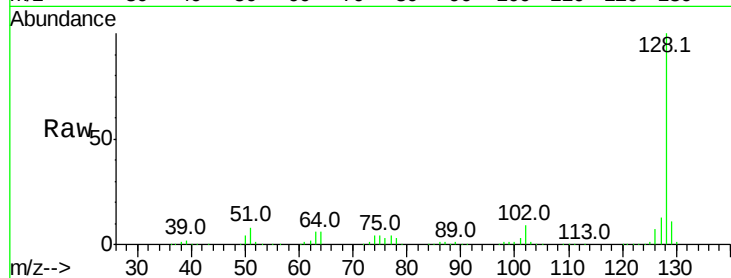
#31
Naphthalene
Concen: 43.53 ng
RT: 7.46 min Scan# 947
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Tot Ion:128 Resp: 1369768
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.8 16.2

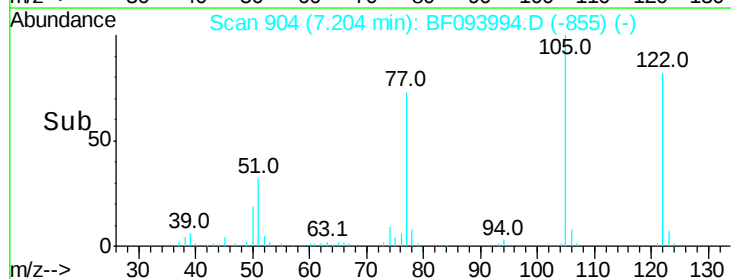
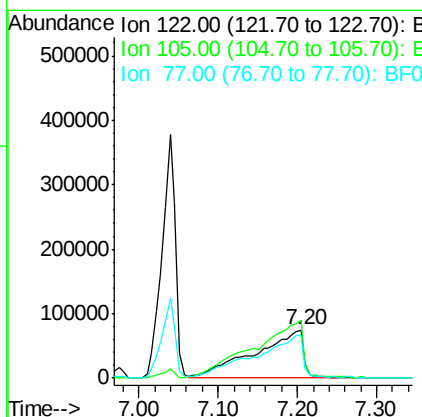
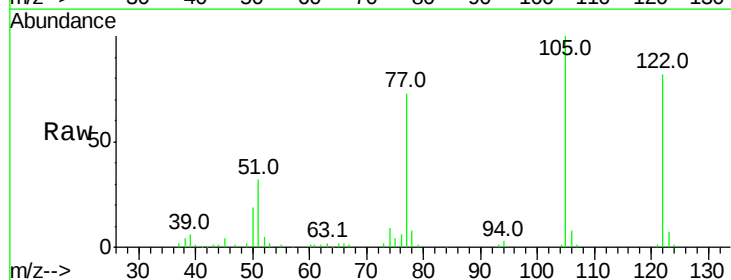
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#32
Benzoic acid
Concen: 50.57 ng
RT: 7.20 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion:122 Resp: 312883
Ion Ratio Lower Upper
122 100
105 122.4 103.3 143.3
77 89.0 73.7 113.7





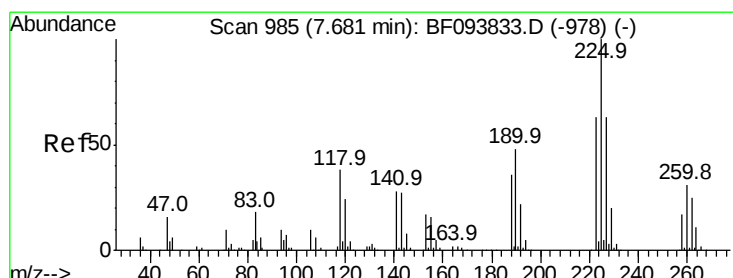
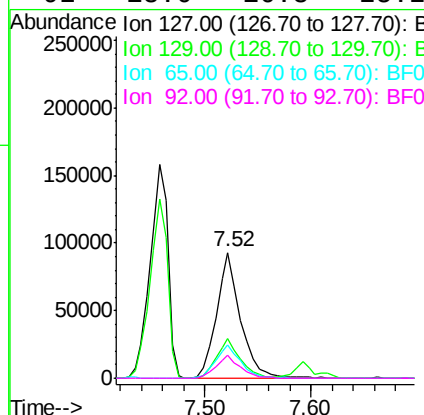
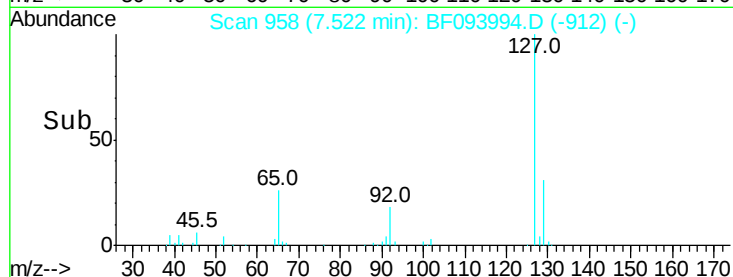
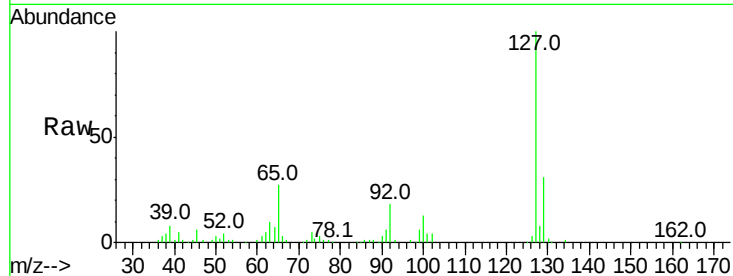
#33
4-Chloroaniline
Concen: 11.60 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.4	26.2	39.2
65	26.5	27.8	41.8
92	18.0	16.8	25.2

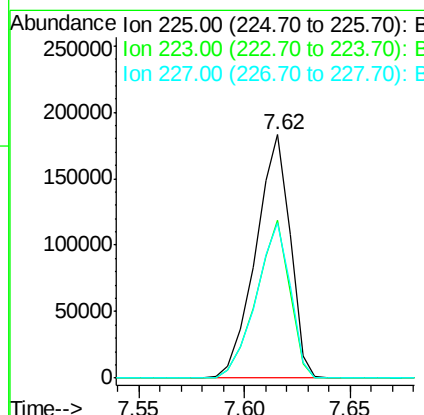
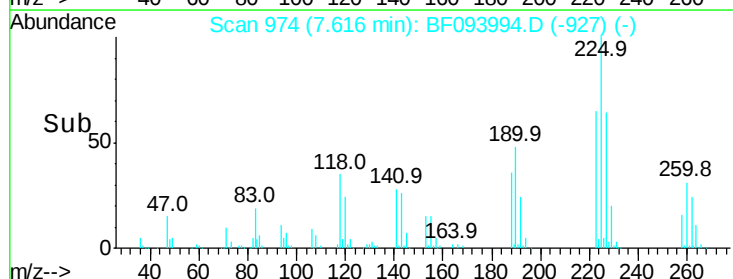
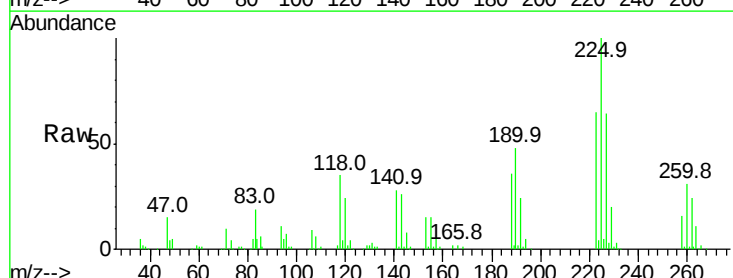
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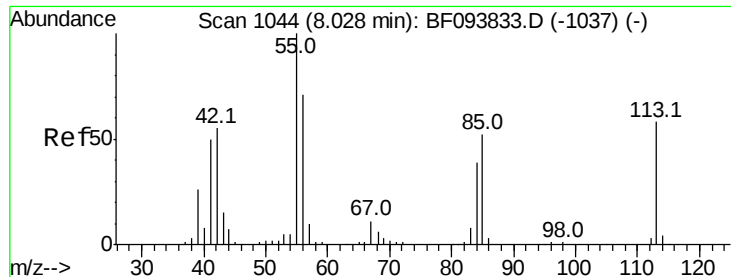
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#34
Hexachlorobutadiene
Concen: 45.19 ng
RT: 7.62 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.7	48.8	73.2
227	63.8	51.1	76.7





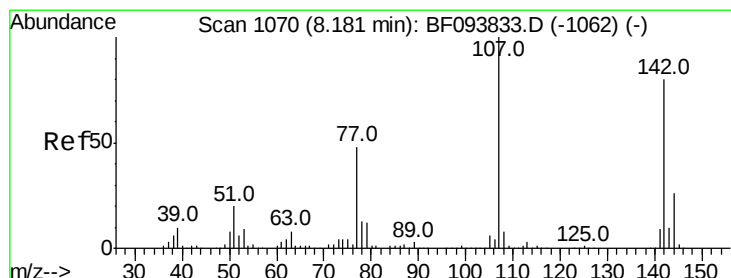
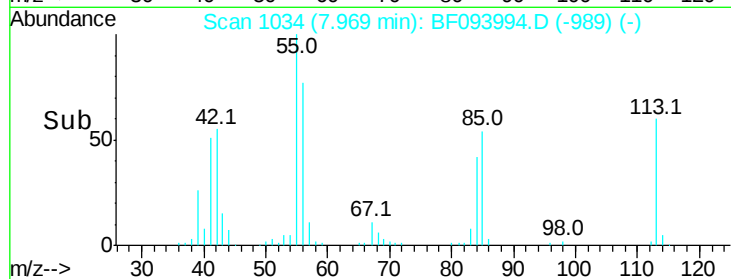
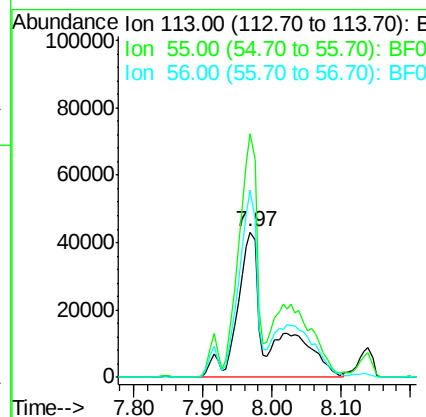
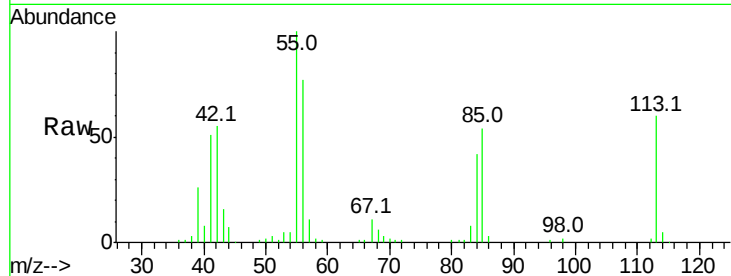
#35
 Caprolactam
 Concen: 50.65 ng/ml
 RT: 7.97 min Scan# 1034
 Delta R.T. -0.04 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleID :
 PB97829BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	167.6	150.2	190.2		
56	128.5	107.8	147.8		

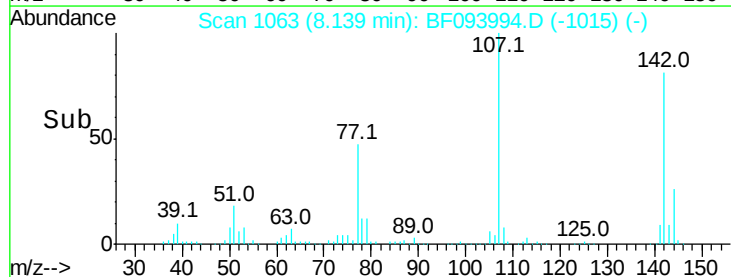
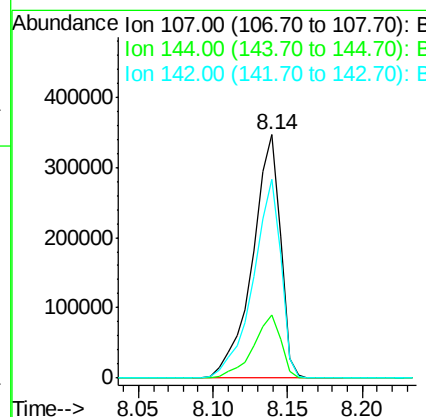
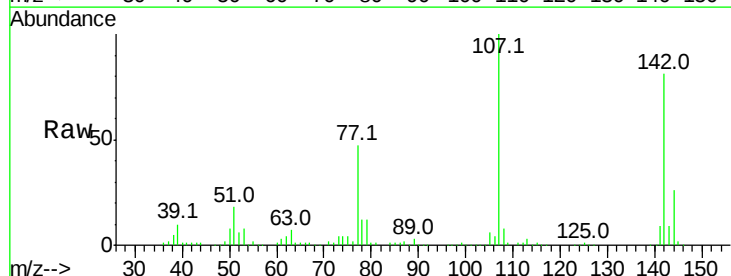
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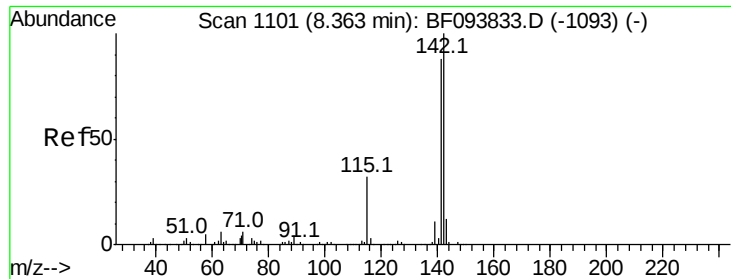
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#36
 4-Chloro-3-methylphenol
 Concen: 49.43 ng/ml
 RT: 8.14 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.9	24.2	36.4		
142	81.4	73.4	110.0		





#37

2-Methylnaphthalene

Concen: 46.36 ng

RT: 8.30 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

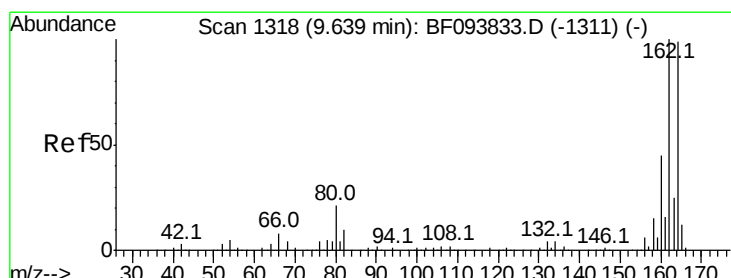
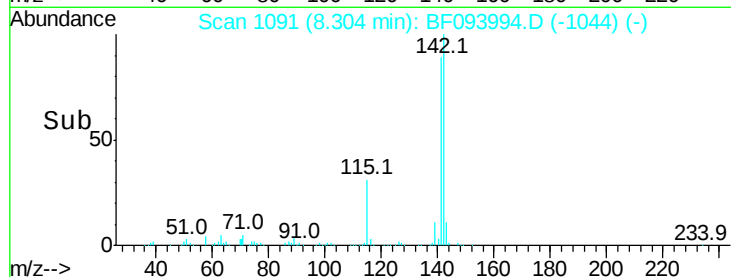
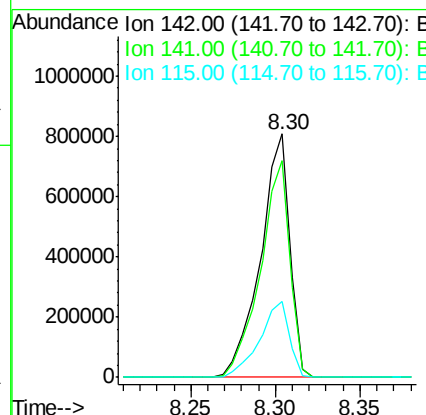
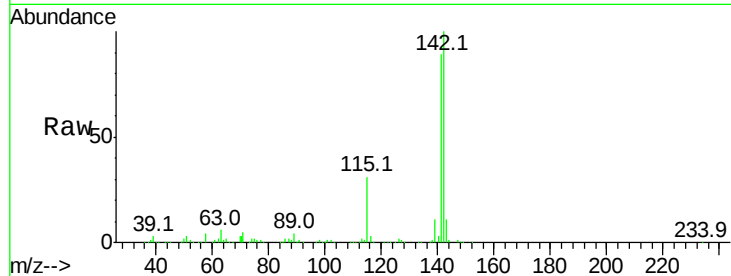
Instrument :
BNA_F

ClientSampled :
PB97829BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	31.3	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.00 ng

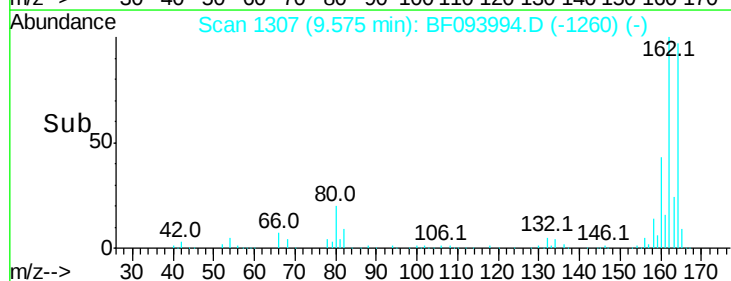
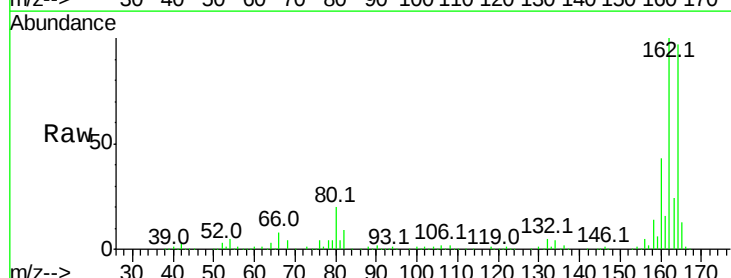
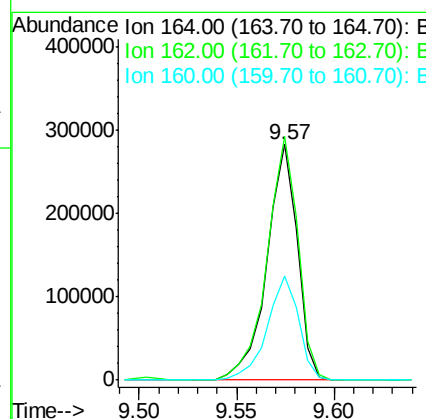
RT: 9.57 min Scan# 1307

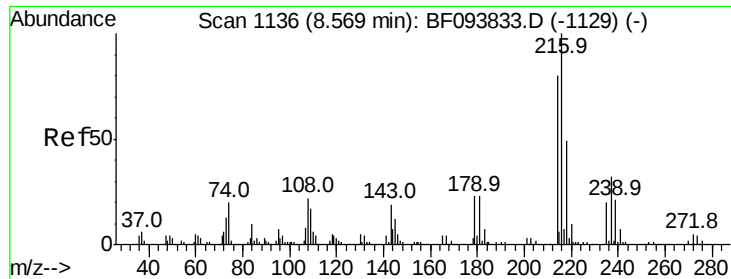
Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	44.4	36.2	54.2





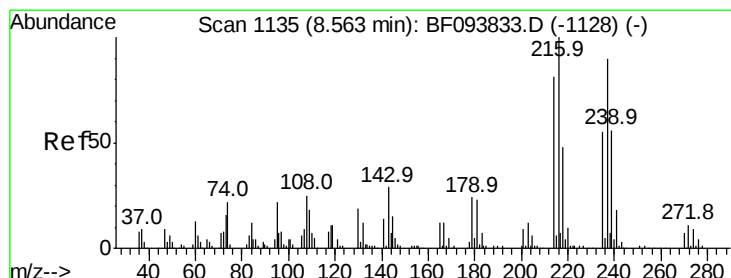
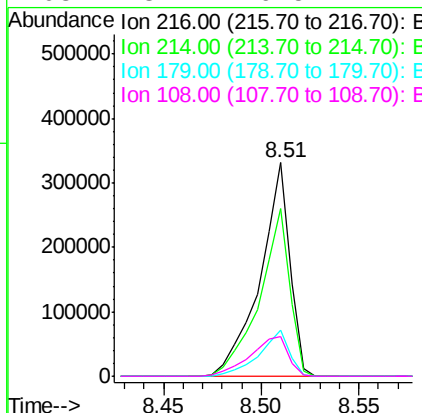
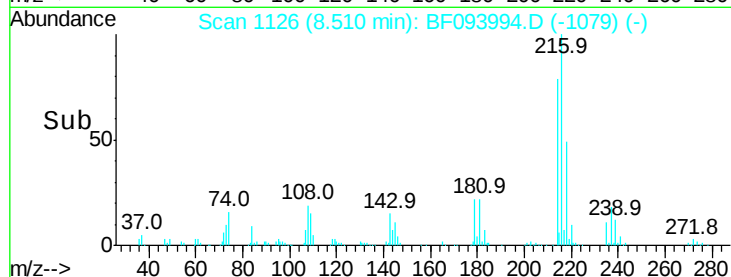
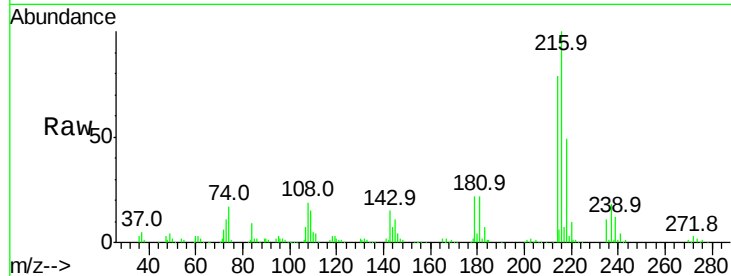
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.85 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	350202		
214	79.3	63.4	95.2	
179	22.1	17.9	26.9	
108	23.4	16.5	24.7	

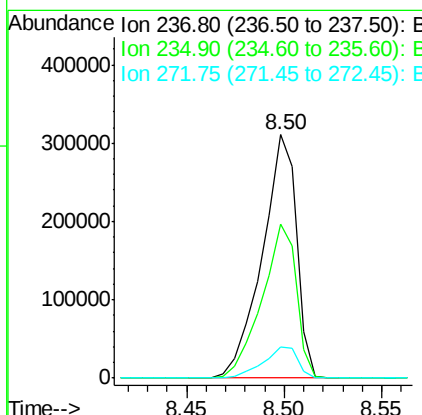
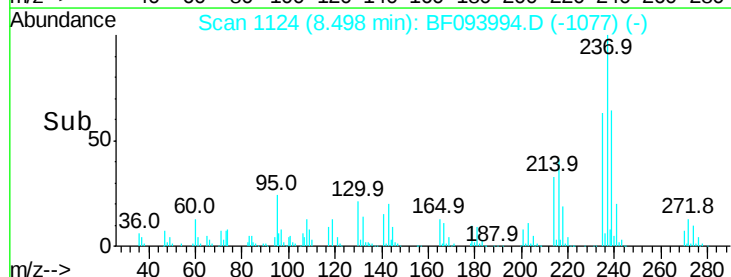
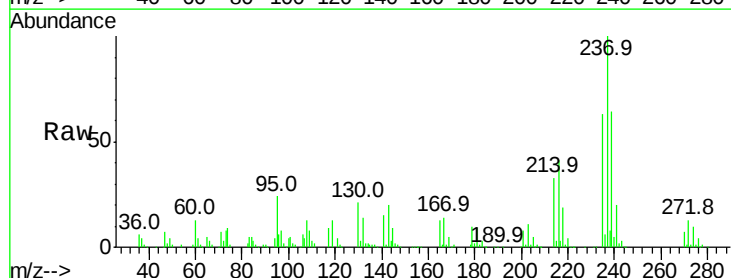
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#40
 Hexachlorocyclopentadiene
 Concen: 96.90 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	379414		
235	63.2	42.6	82.6	
272	12.6	0.0	31.9	





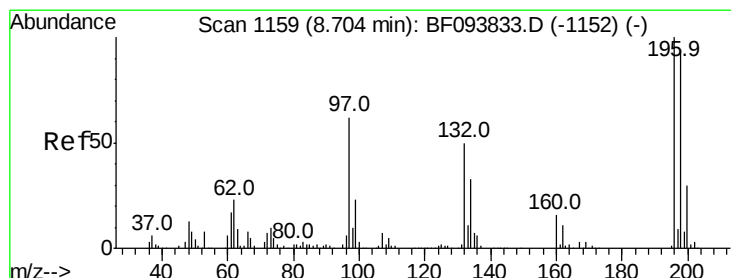
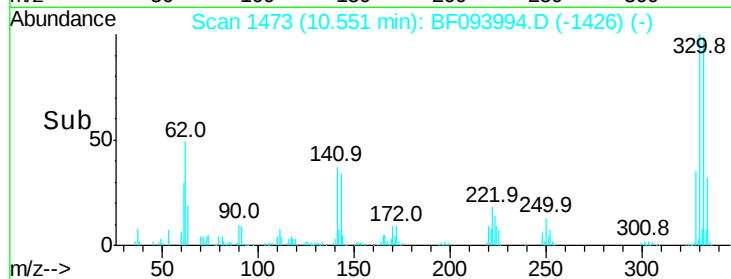
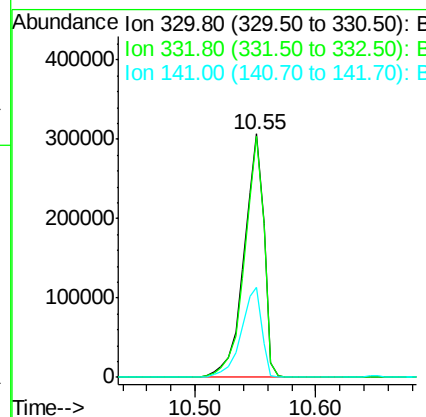
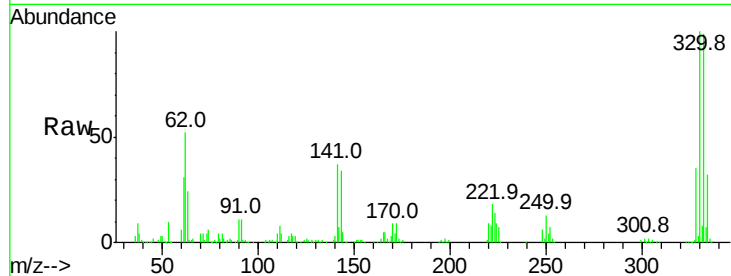
#41
 2,4,6-Tribromophenol
 Concen: 145.48 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	76.6	115.0	
141	38.5	31.4	47.2	

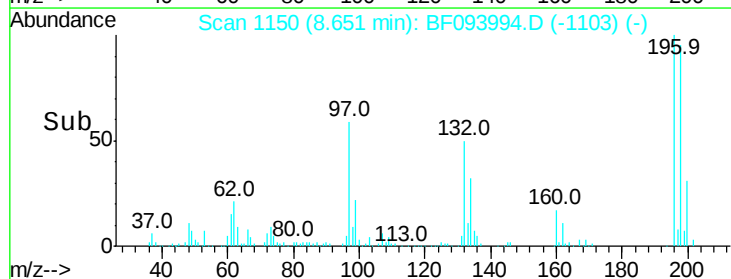
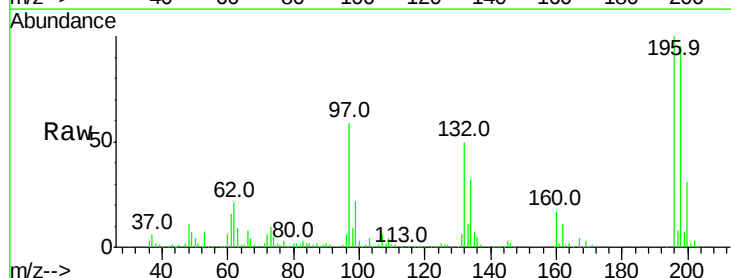
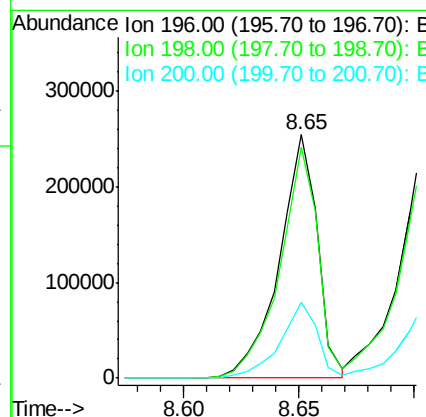
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#42
 2,4,6-Trichlorophenol
 Concen: 49.13 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.9	74.2	111.4	
200	31.4	24.0	36.0	





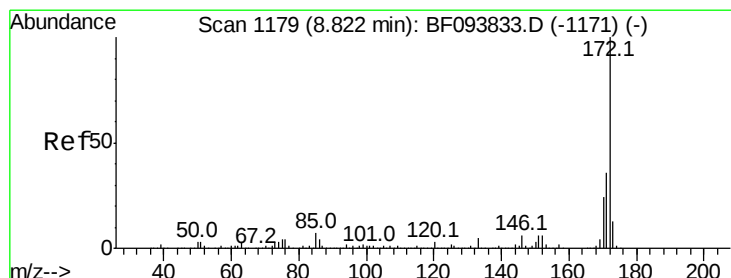
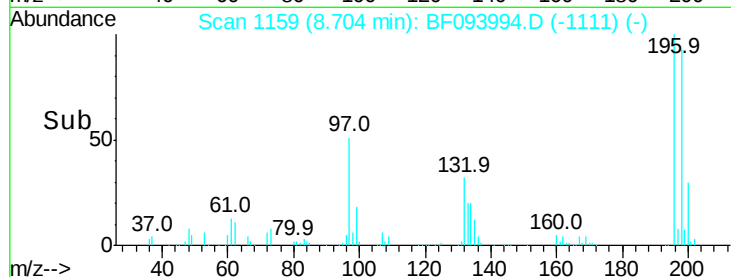
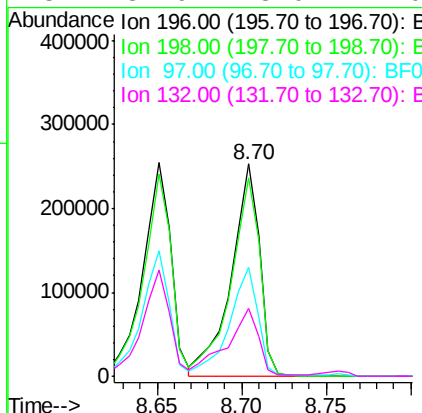
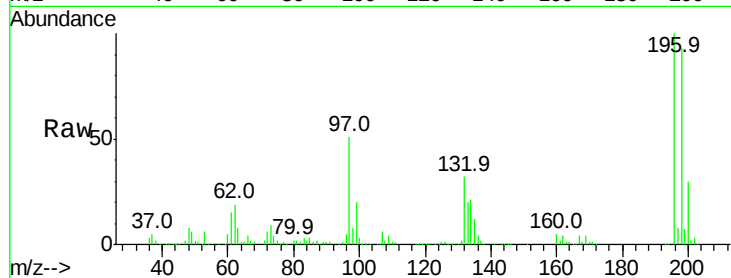
#43
 2,4,5-Trichlorophenol
 Concen: 46.09 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BS

Tot Ion	196	Resp	295208
Ion Ratio	Lower	Upper	
196	100		
198	93.3	75.7	113.5
97	51.1	47.7	71.5
132	31.9	28.0	42.0

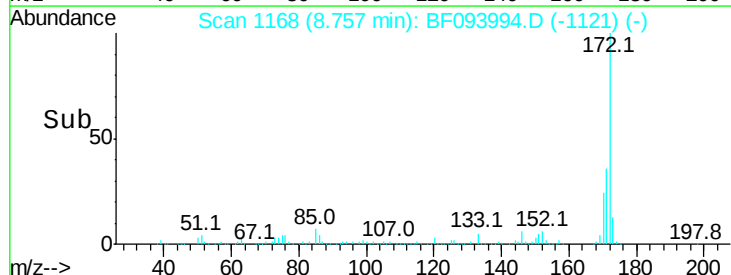
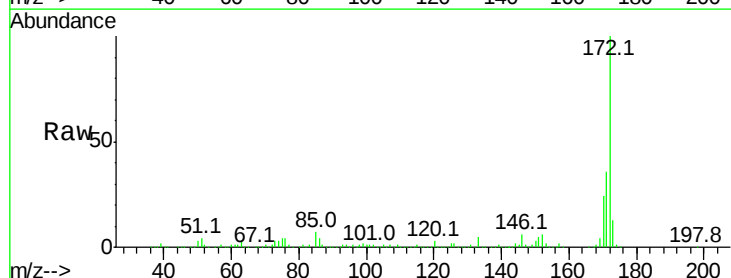
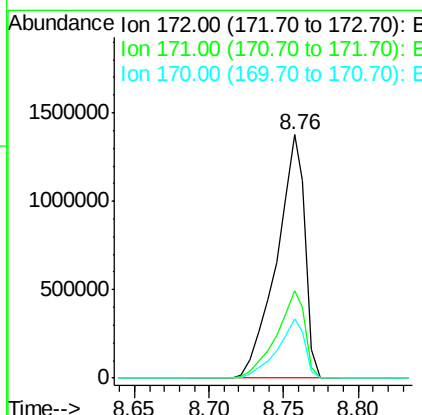
Manual Integrations
 APPROVED

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 3/29/2017 1:56:42 PM



#44
 2-Fluorobiphenyl
 Concen: 90.88 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion	172	Resp	1822532
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.6	44.4
170	24.1	19.8	29.8





#45

1,1'-Biphenyl

Concen: 43.84 ng

RT: 8.87 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampled :

PB97829BS

Tot Ion:154 Resp: 1081506

Ion Ratio Lower Upper

154 100

153 41.3 21.2 61.2

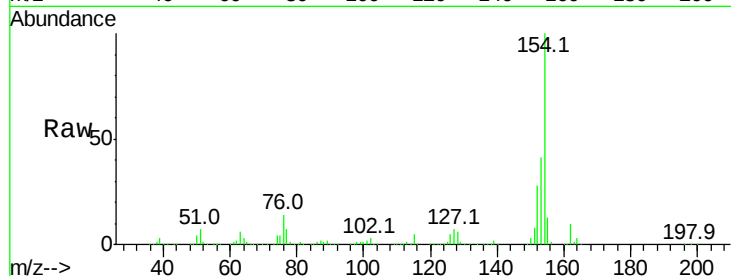
76 13.6 0.0 29.9

Manual Integrations

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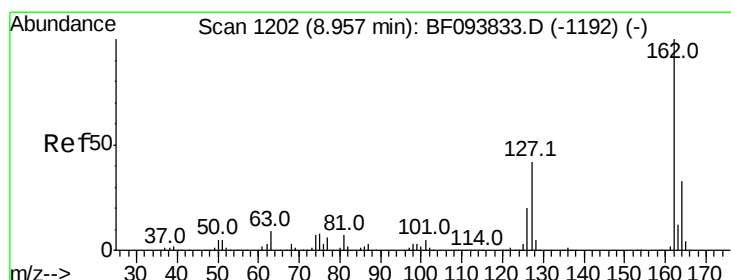
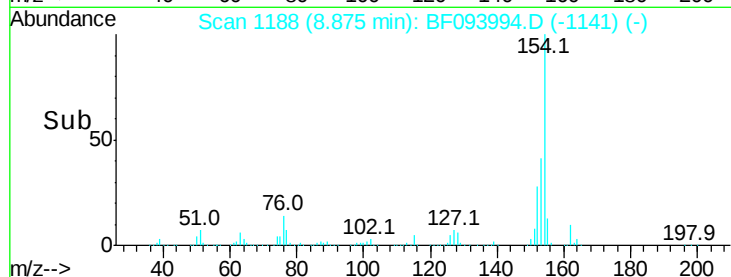
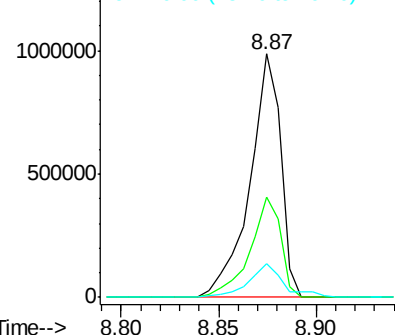
3/29/2017 1:56:42 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.31 ng

RT: 8.90 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

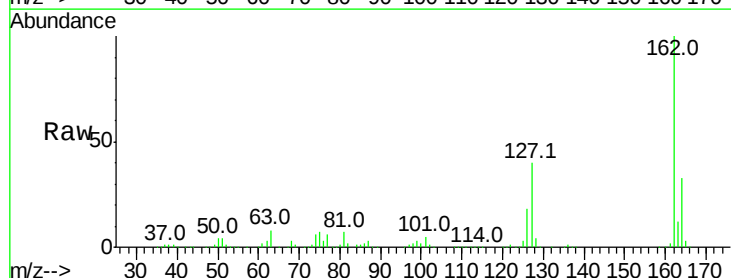
Tgt Ion:162 Resp: 855634

Ion Ratio Lower Upper

162 100

127 40.2 28.3 42.5

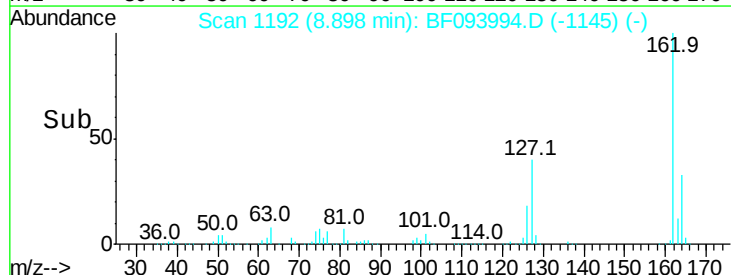
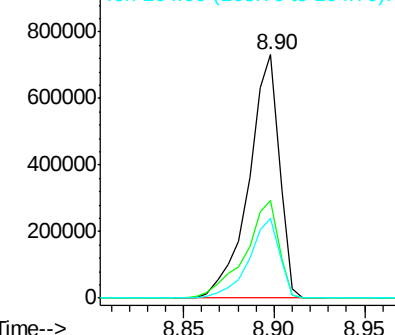
164 33.0 27.0 40.4

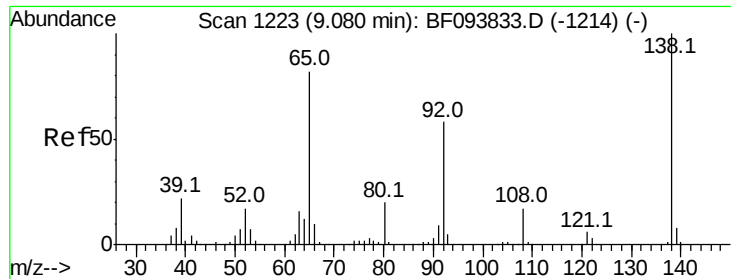


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





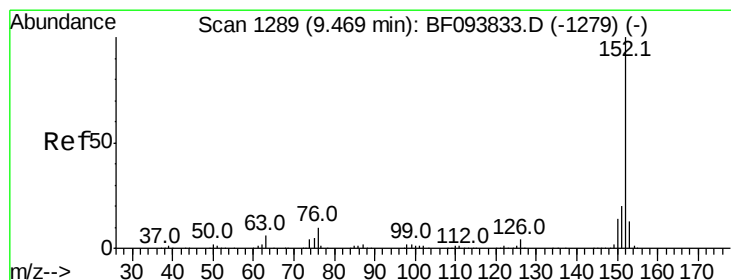
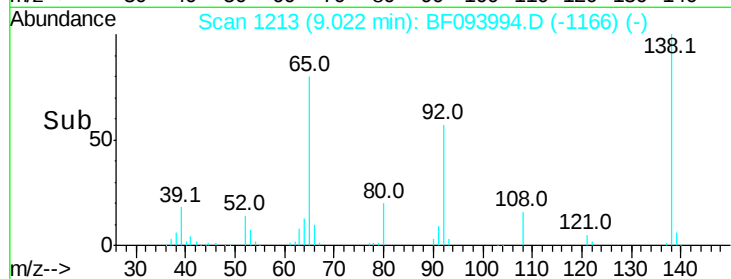
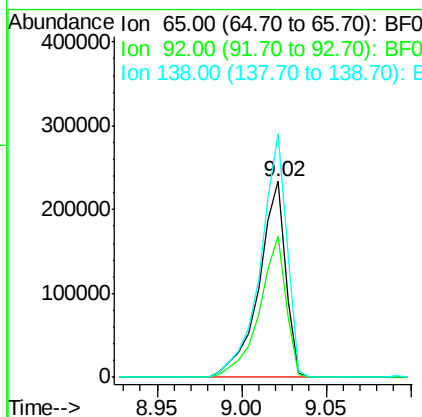
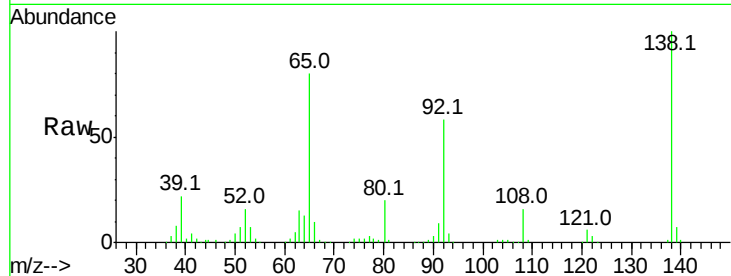
#47
2-Nitroaniline
Concen: 45.01 ng
RT: 9.02 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.3	53.9	80.9
138	124.3	78.8	118.2#

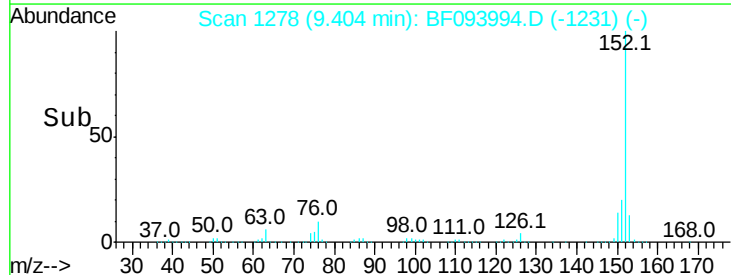
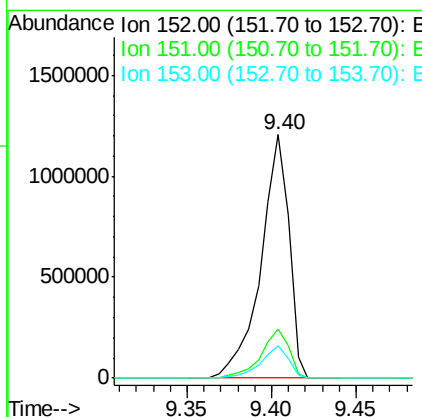
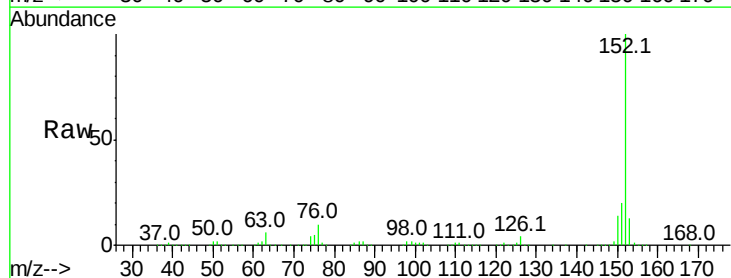
Manual Integrations
APPROVED

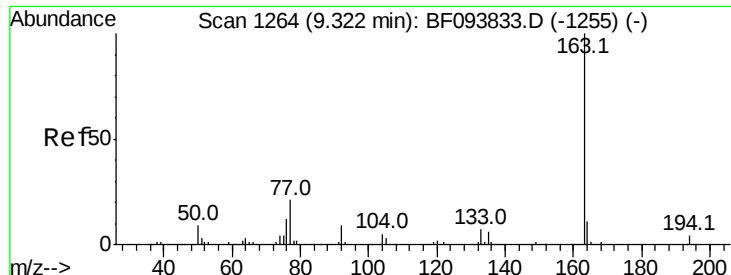
mohammad
3/29/2017 1:56:42 PM



#48
Acenaphthylene
Concen: 43.20 ng
RT: 9.40 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.2	10.8	16.2





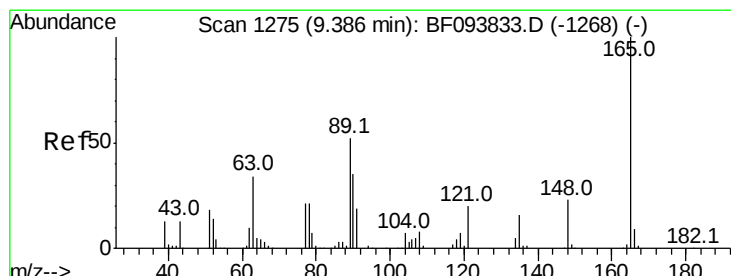
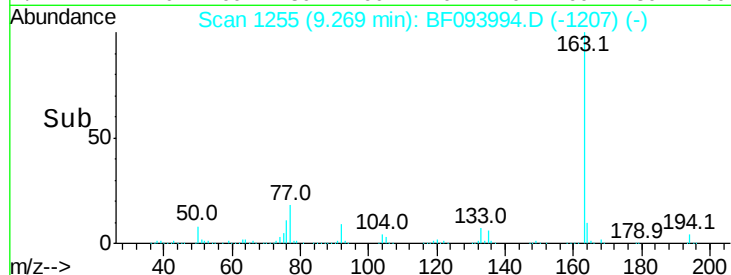
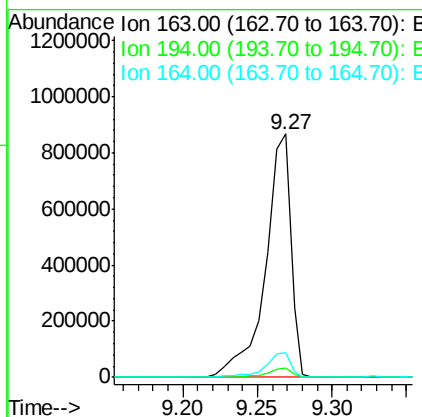
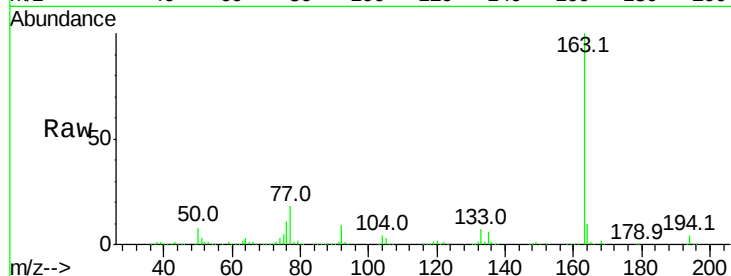
#49
 Dimethylphthalate
 Concen: 47.32 ng
 RT: 9.27 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BS

Tot Ion:	163	Resp:	1028873
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.1	8.4	12.6

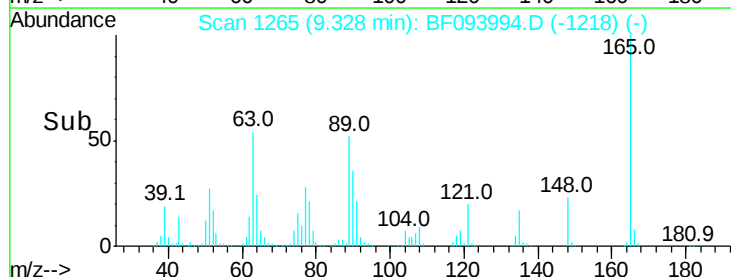
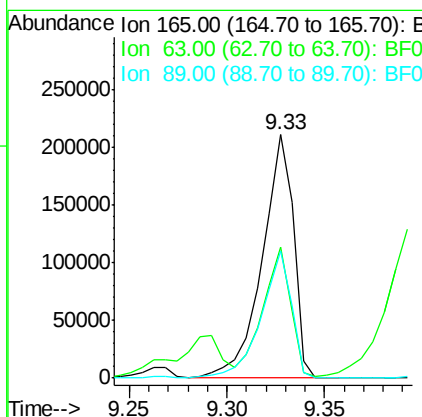
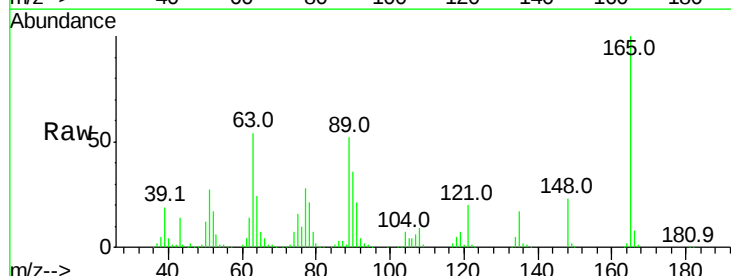
Manual Integrations
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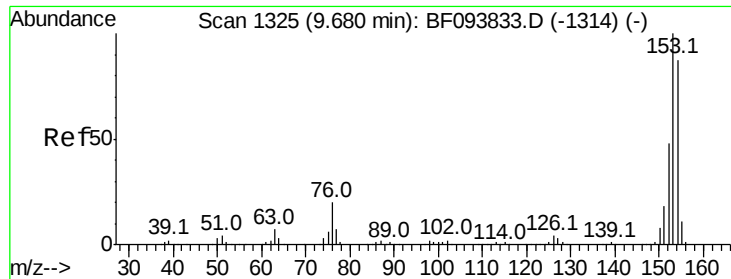
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#50
 2,6-Dinitrotoluene
 Concen: 47.02 ng
 RT: 9.33 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:	165	Resp:	234340
Ion	Ratio	Lower	Upper
165	100		
63	54.1	34.3	51.5#
89	52.1	37.1	55.7





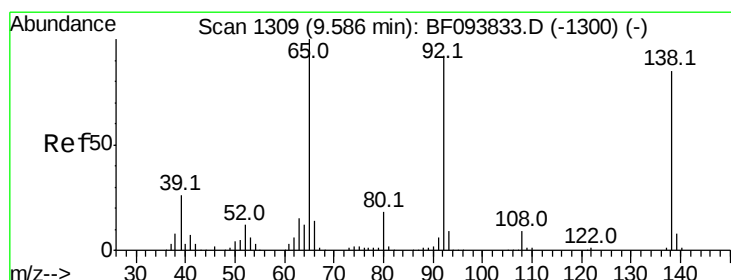
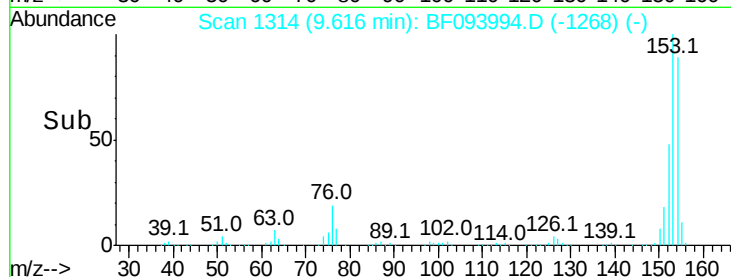
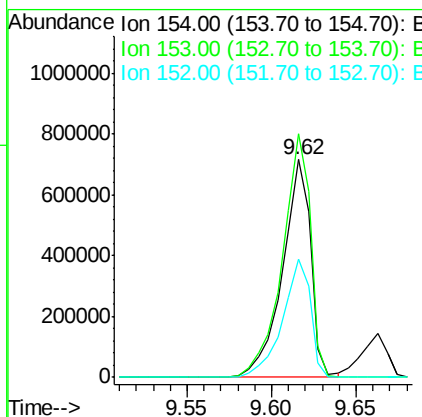
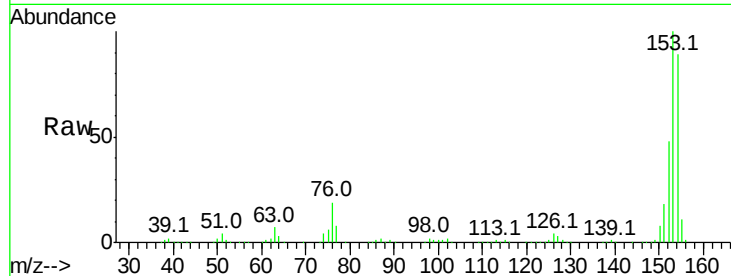
#51
Acenaphthene
Concen: 43.97 ng
RT: 9.62 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampled :
PB97829BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.5	135.7
152	54.1	43.6	65.4

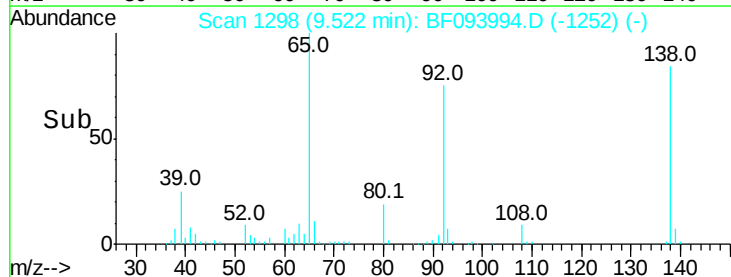
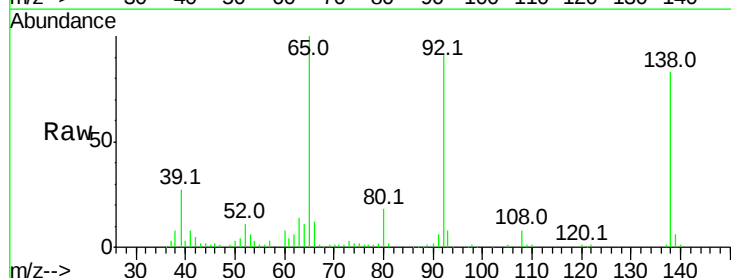
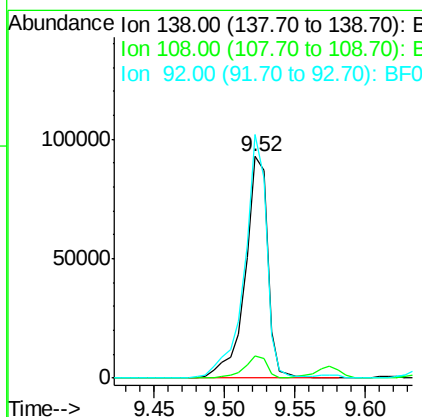
Manual Integrations
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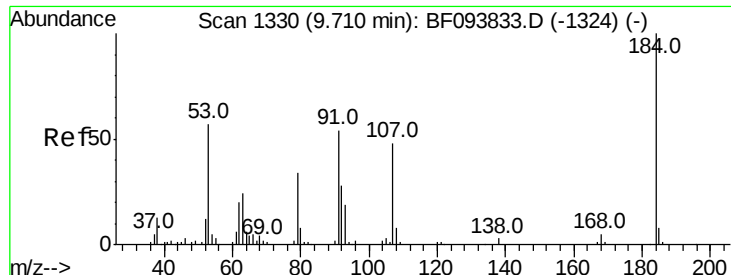
mohammad
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#52
3-Nitroaniline
Concen: 17.73 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.1	13.7
92	110.0	93.8	140.6





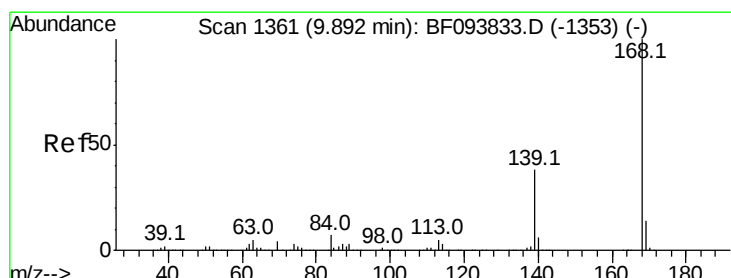
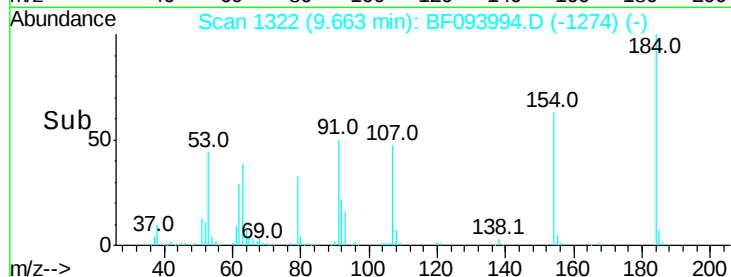
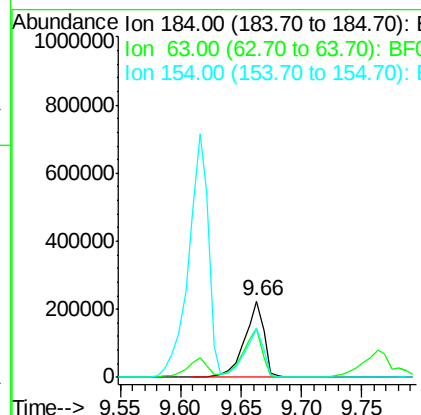
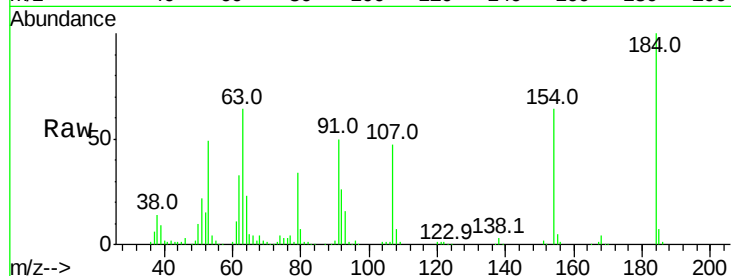
#53
 2,4-Dinitrophenol
 Concen: 94.21 ng
 RT: 9.66 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	253628		
63	64.3	62.7	94.1	
154	63.9	81.1	121.7	

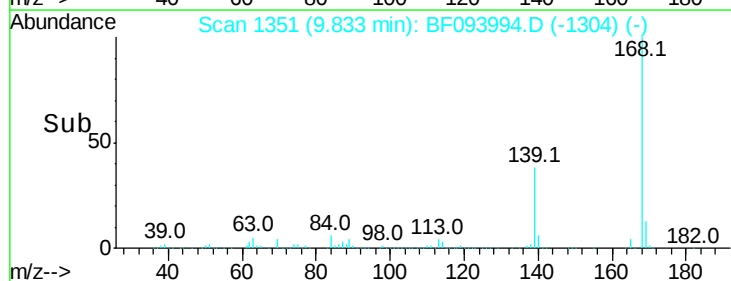
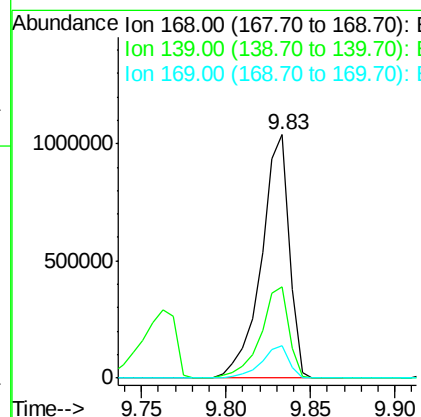
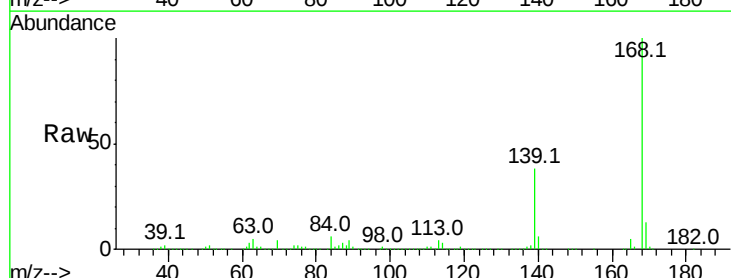
Manual Integrations
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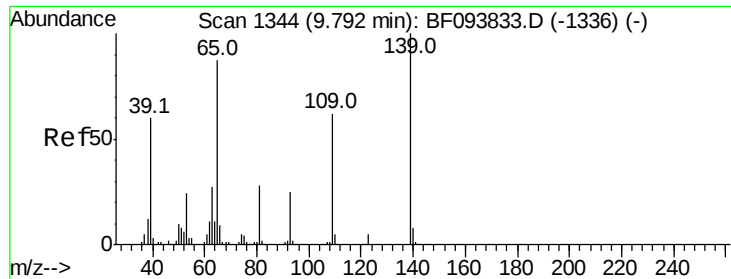
mohammad
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#54
 Dibenzofuran
 Concen: 46.72 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1191209		
139	37.7	30.6	45.8	
169	13.3	10.8	16.2	





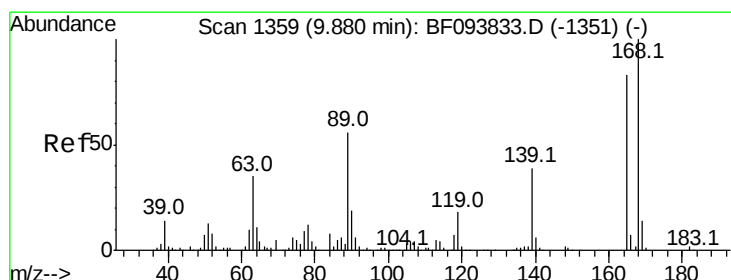
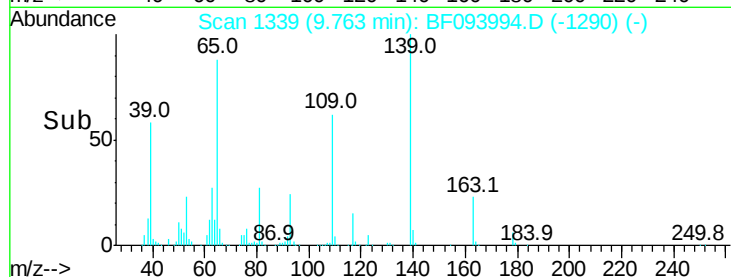
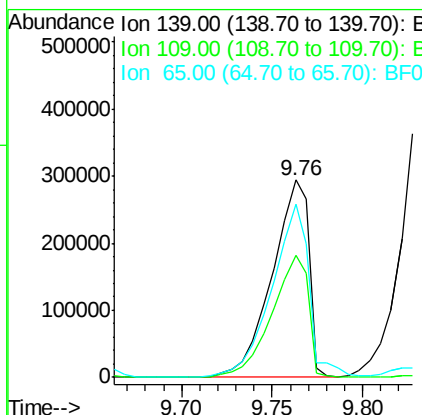
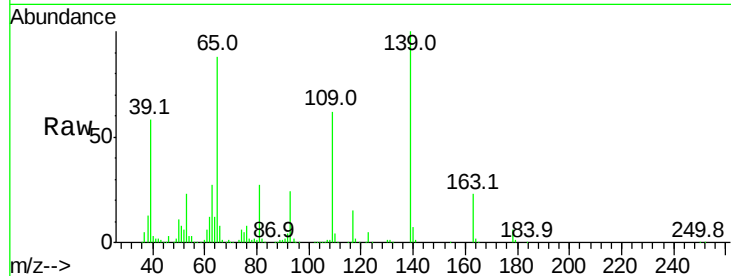
#55
4-Nitrophenol
Concen: 90.94 ng
RT: 9.76 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.8	34.1	74.1	
65	88.1	31.4	71.4	

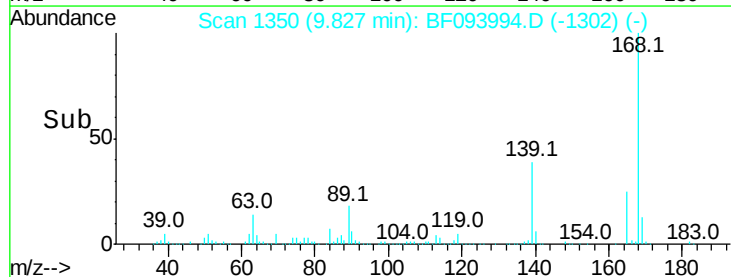
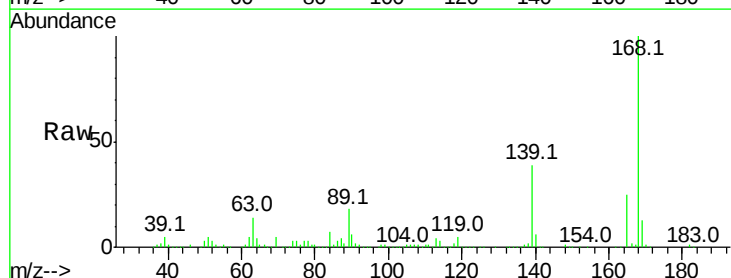
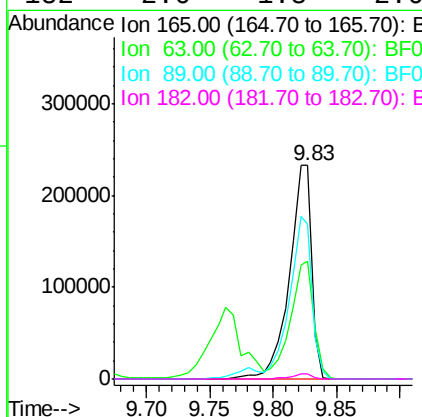
Manual Integrations
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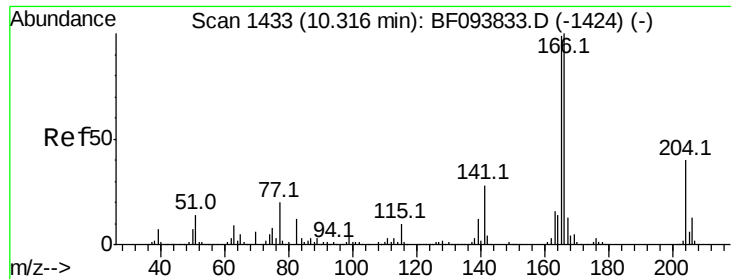
mohammad
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#56
2,4-Dinitrotoluene
Concen: 46.25 ng
RT: 9.83 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.1	25.4	38.0	
89	72.2	46.4	69.6	
182	2.6	1.8	2.6	





#57

Fluorene

Concen: 42.17 ng

RT: 10.25 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

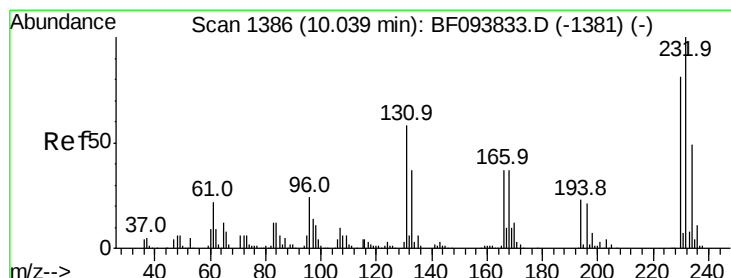
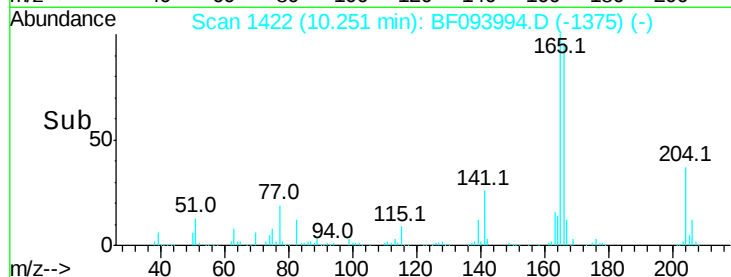
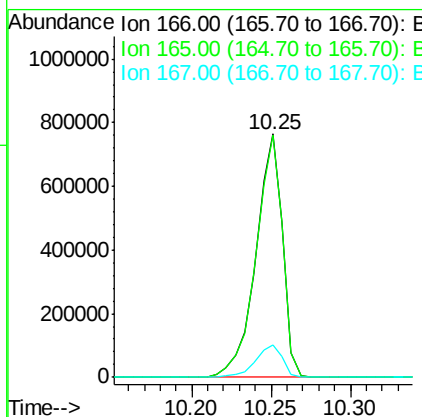
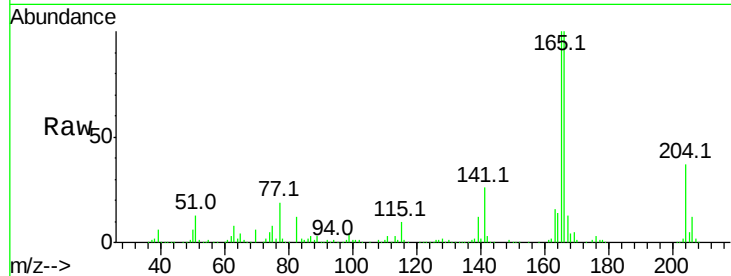
ClientSampled :

PB97829BS

Tot Ion:	166	Resp:	891661
Ion Ratio	Lower	Upper	
166	100		
165	99.6	78.8	118.2
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 51.83 ng

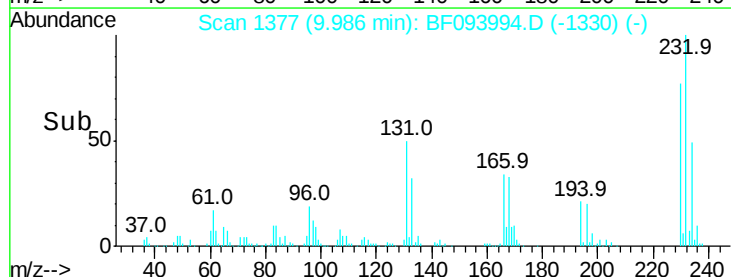
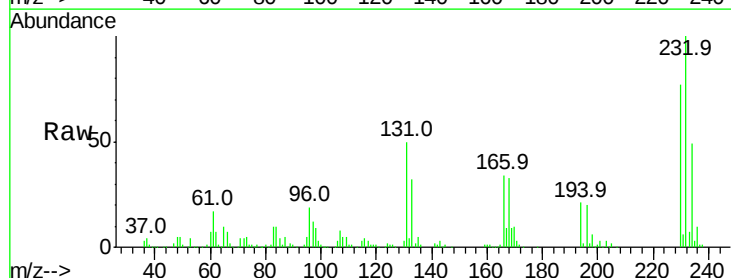
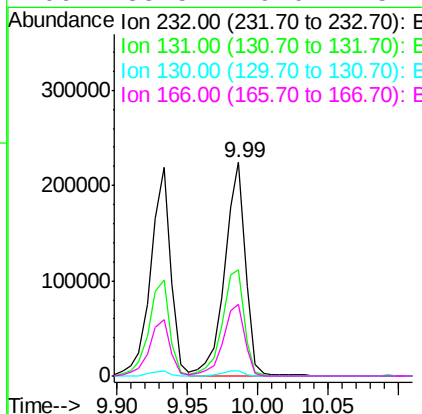
RT: 9.99 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Tgt Ion:	232	Resp:	227800
Ion Ratio	Lower	Upper	
232	100		
131	53.5	44.8	67.2
130	2.6	2.3	3.5
166	35.5	29.0	43.4





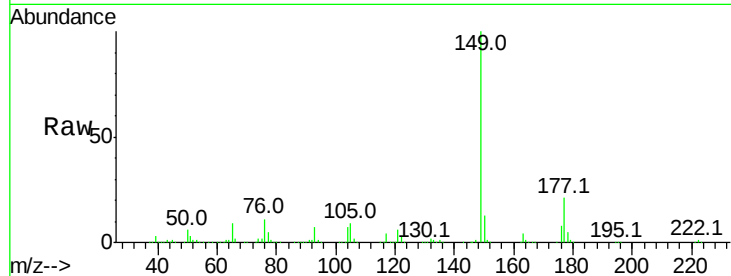
#59
Diethylphthalate
Concen: 46.90 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampled :
PB97829BS

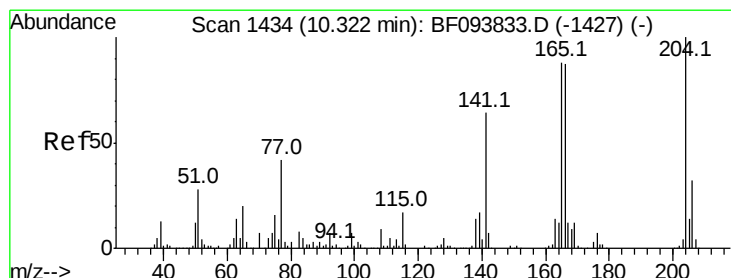
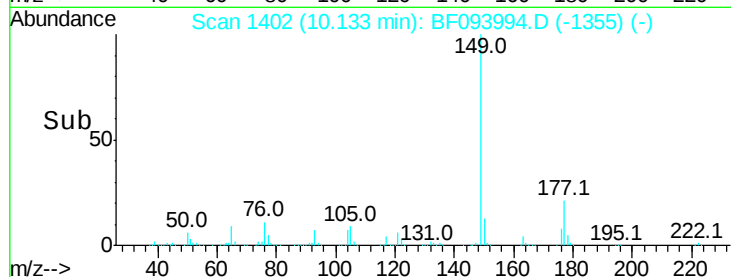
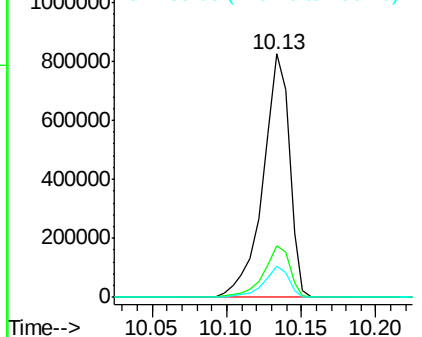
Tot Ion:149 Resp: 1007753
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.9 10.2 15.2

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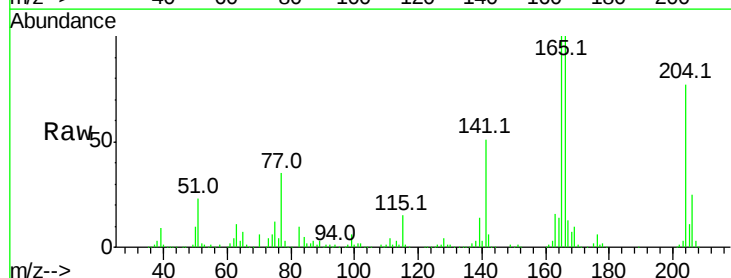


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

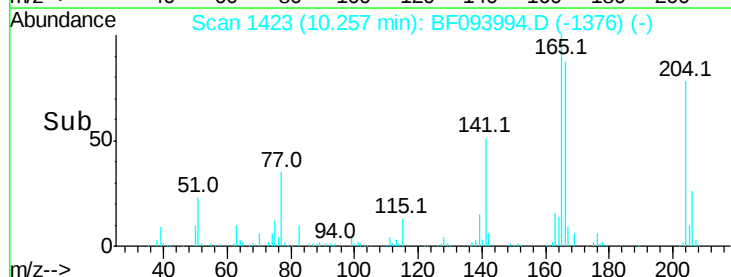
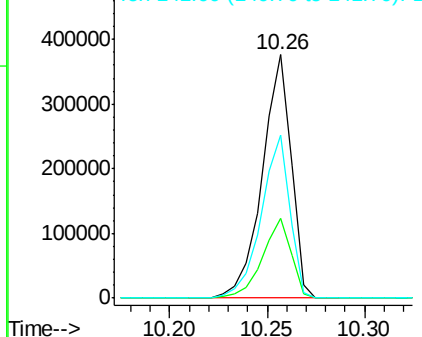


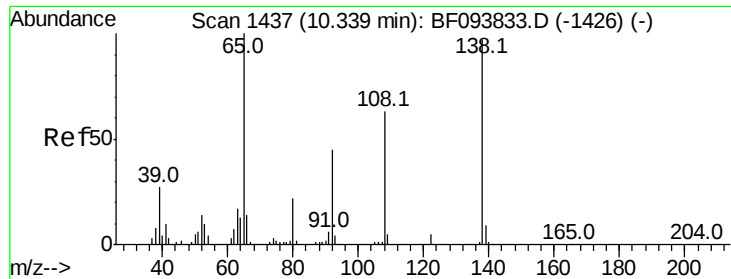
#60
4-Chlorophenyl-phenylether
Concen: 42.86 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion:204 Resp: 386046
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 66.8 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





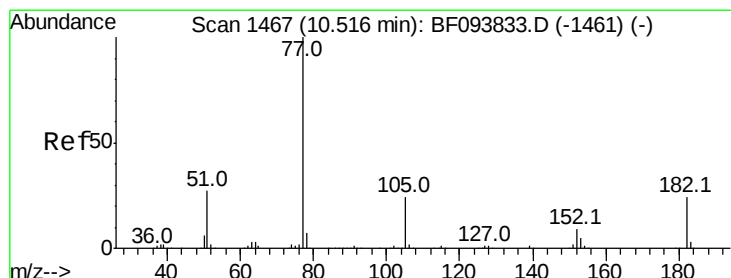
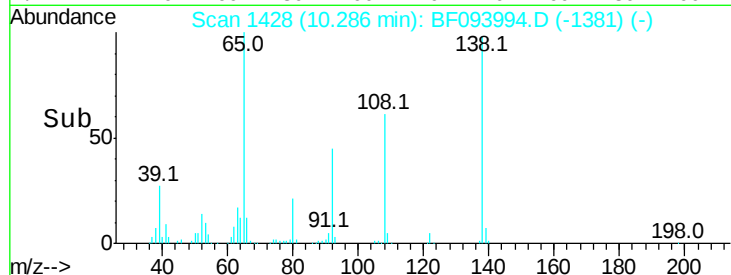
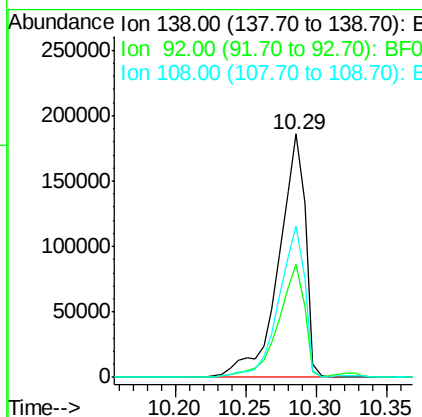
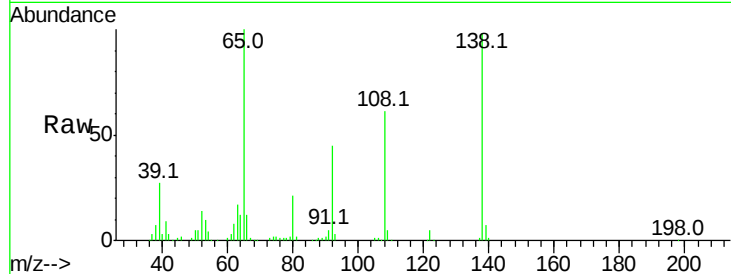
#61
4-Nitroaniline
Concen: 43.86 ng
RT: 10.29 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleID :
PB97829BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.2	21.8	61.8
108	62.2	42.3	82.3

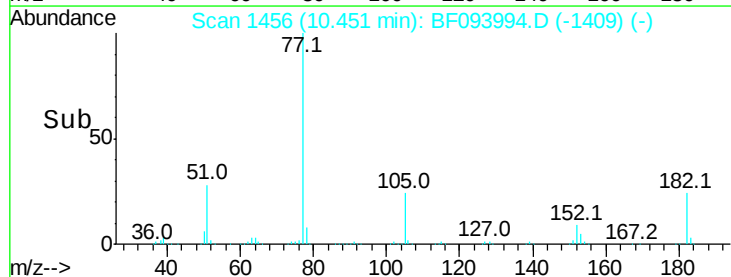
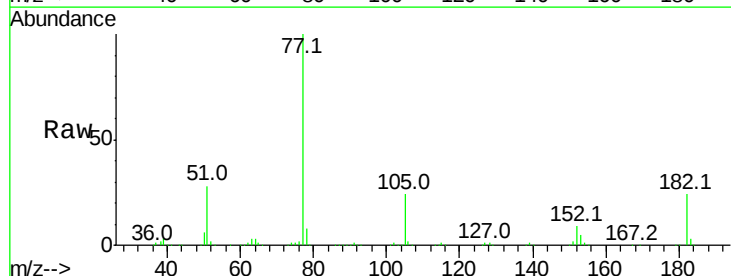
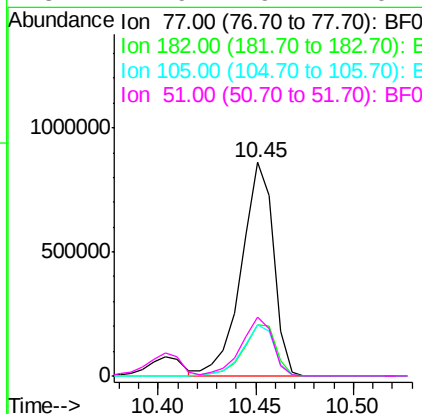
Manual Integrations
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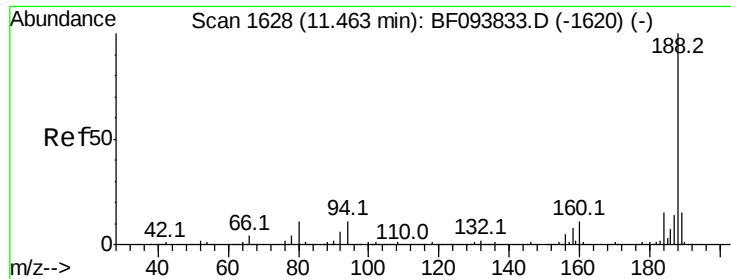
mohammad
3/29/2017 1:56:42 PM



#62
Azobenzene
Concen: 48.20 ng
RT: 10.45 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.1	0.1	40.1
105	23.7	3.6	43.6
51	27.9	9.4	49.4





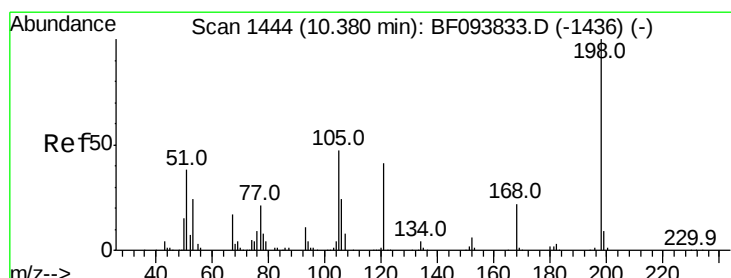
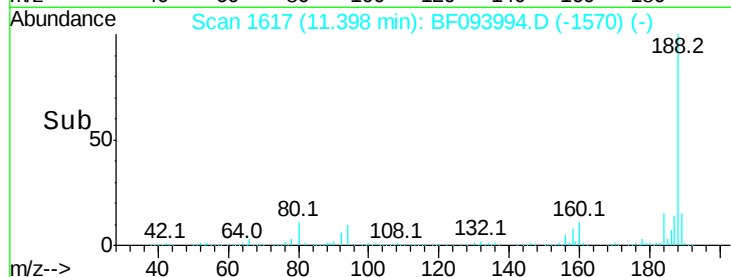
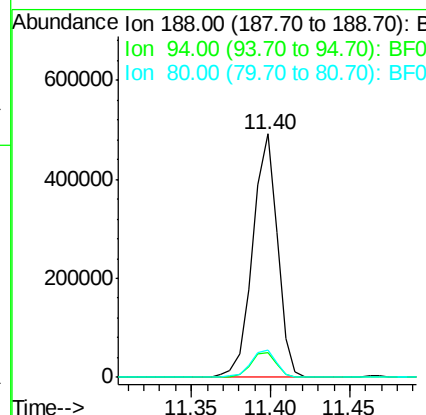
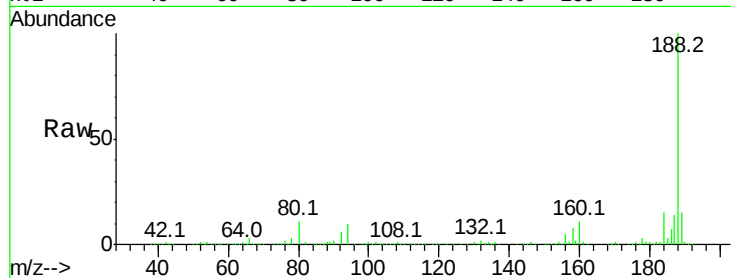
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1617
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.4	9.4	14.2	
80	11.3	10.2	15.2	

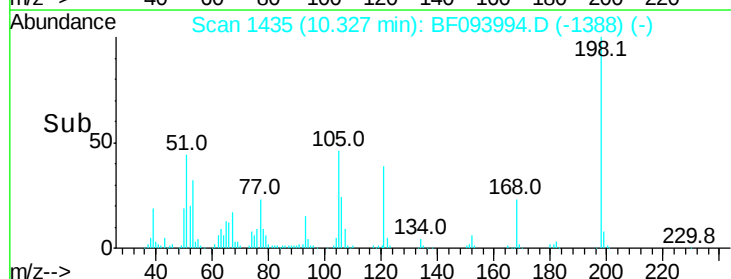
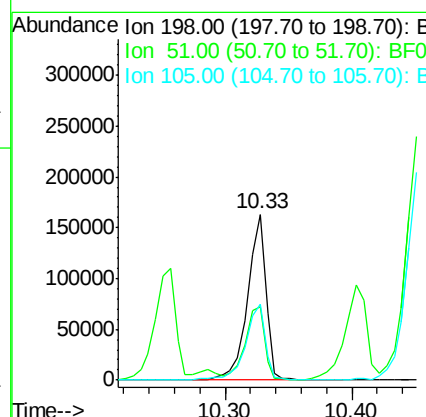
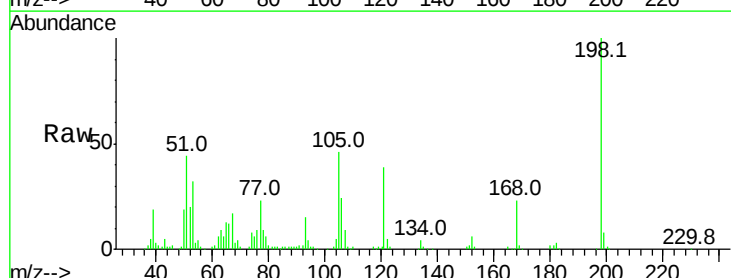
Manual Integrations
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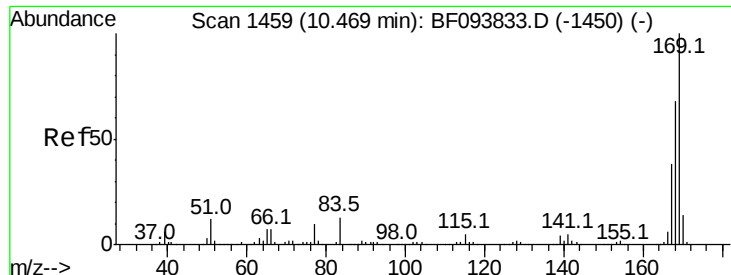
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 50.01 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	44.4	53.2	93.2#	
105	46.1	45.8	85.8	





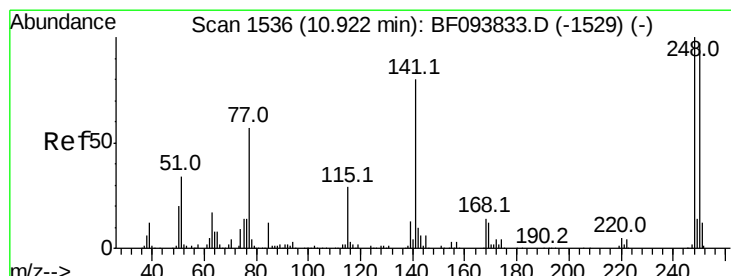
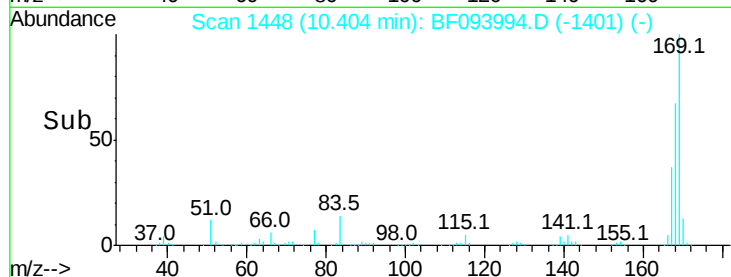
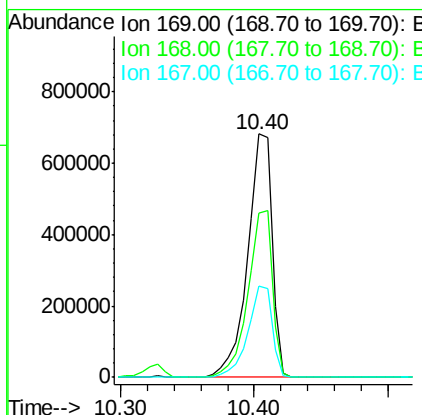
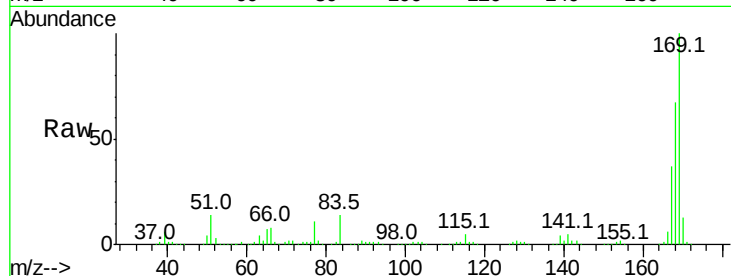
#65
 n-Nitrosodiphenylamine
 Concen: 46.13 ng
 RT: 10.40 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	851976		
168	67.4		53.2	79.8
167	37.5		29.5	44.3

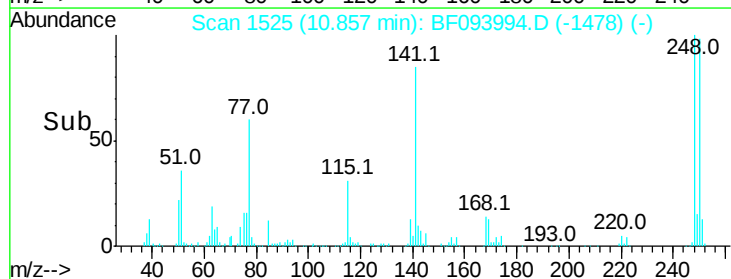
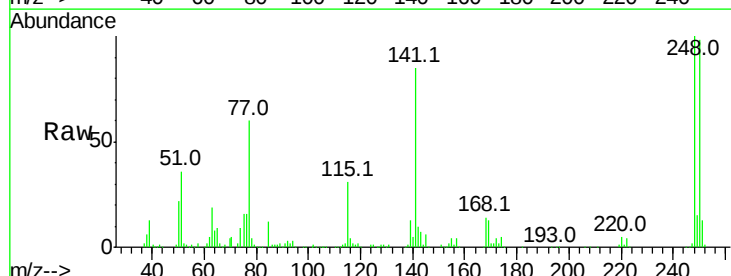
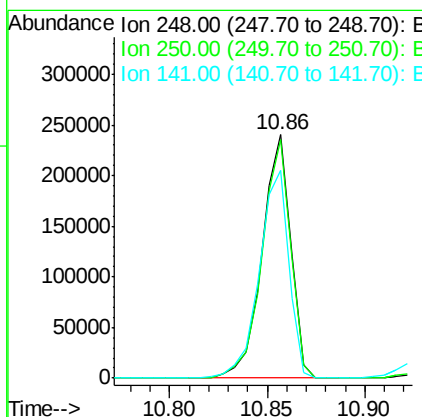
Manual Integrations
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#66
 4-Bromophenyl-phenylether
 Concen: 46.55 ng
 RT: 10.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	244492		
250	98.0		76.8	115.2
141	85.3		68.6	103.0





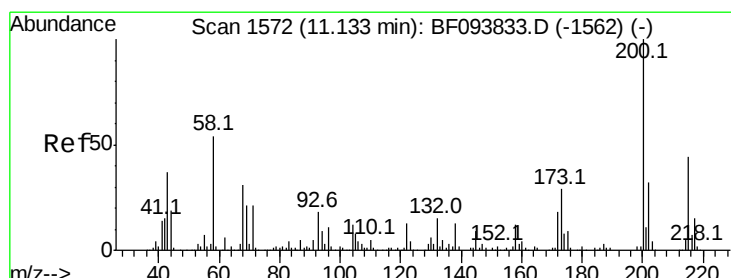
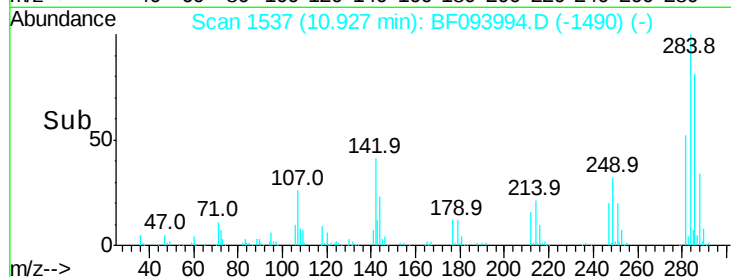
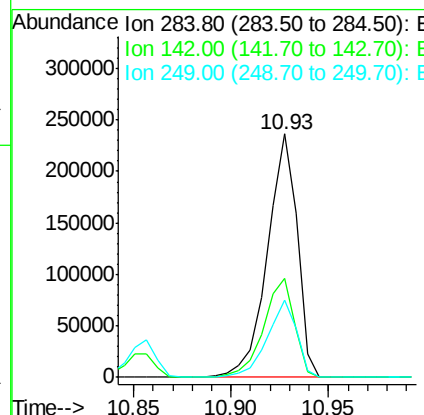
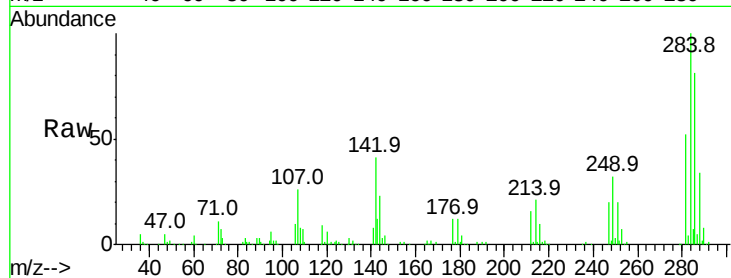
#67
Hexachlorobenzene
Concen: 46.97 ng
RT: 10.93 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	249742		
142	40.7	22.8	34.2#	
249	31.9	24.0	36.0	

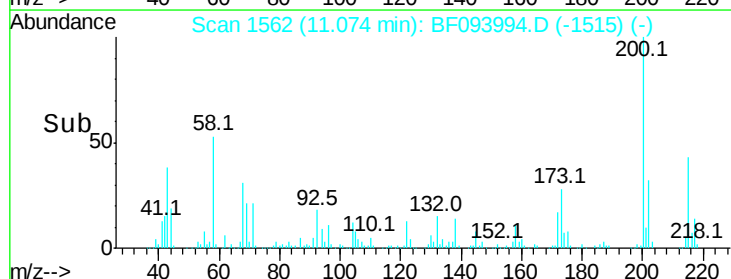
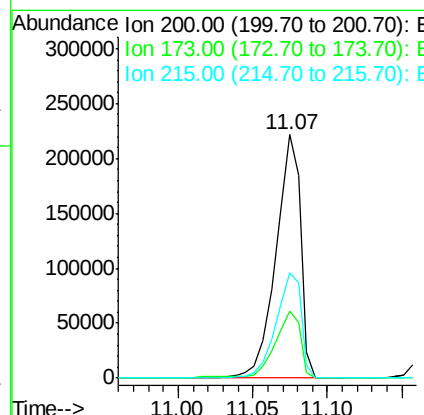
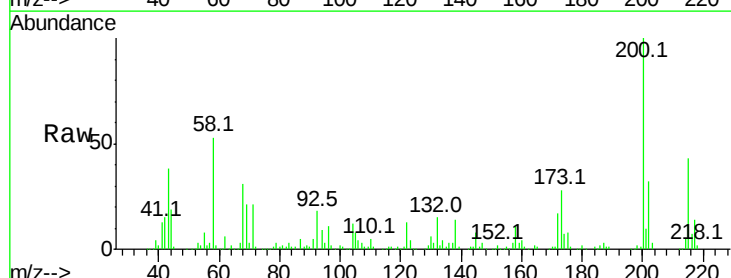
Manual Integrations
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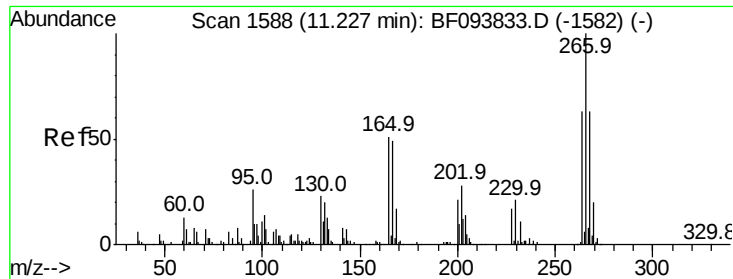
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#68
Atrazine
Concen: 45.92 ng
RT: 11.07 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	254035		
173	27.7	6.3	46.3	
215	43.4	27.2	67.2	





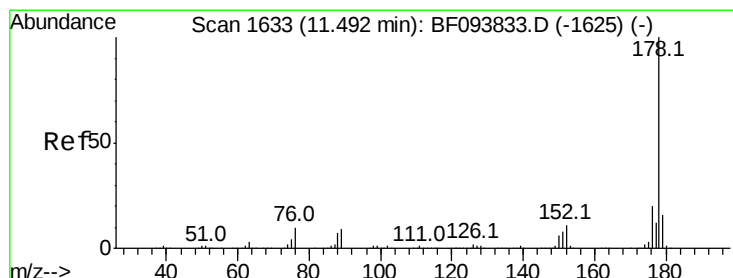
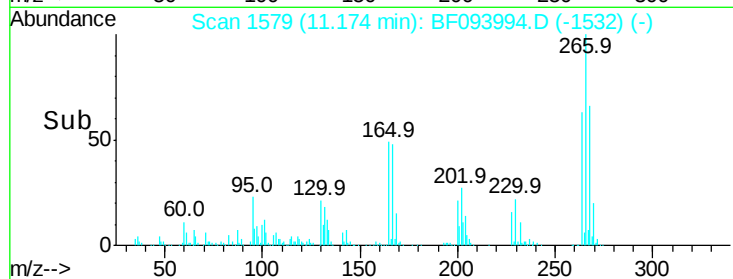
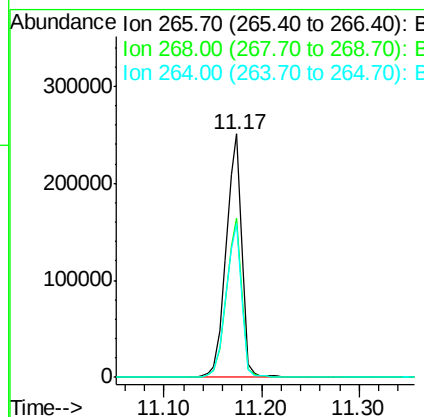
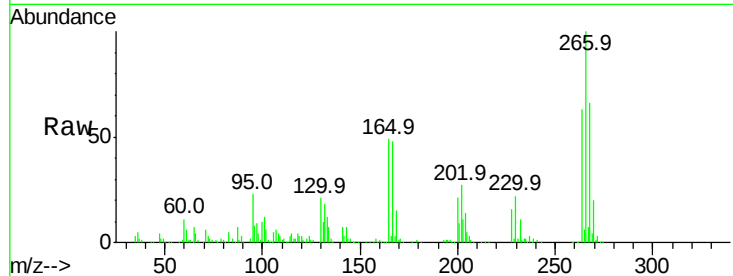
#69
 Pentachlorophenol
 Concen: 84.31 ng
 RT: 11.17 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	279041		
268	65.6		51.1	76.7
264	63.4		51.7	77.5

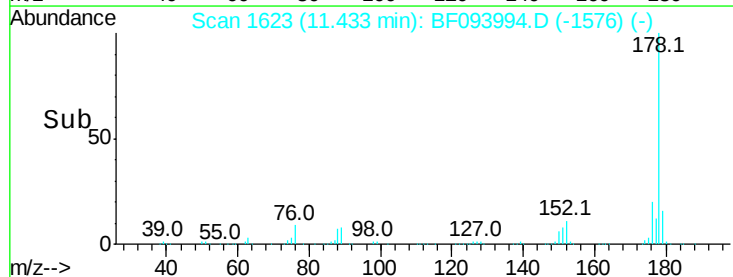
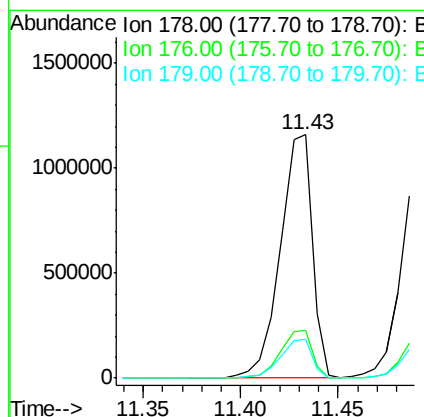
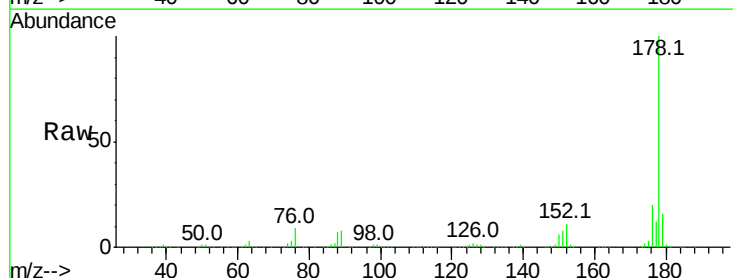
Manual Integrations
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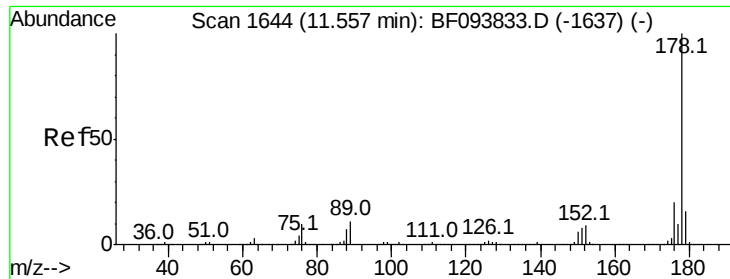
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#70
 Phenanthrene
 Concen: 44.59 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1324746		
176	19.8		16.2	24.4
179	15.9		12.6	19.0





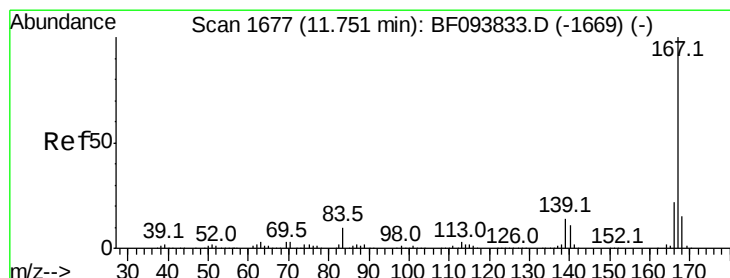
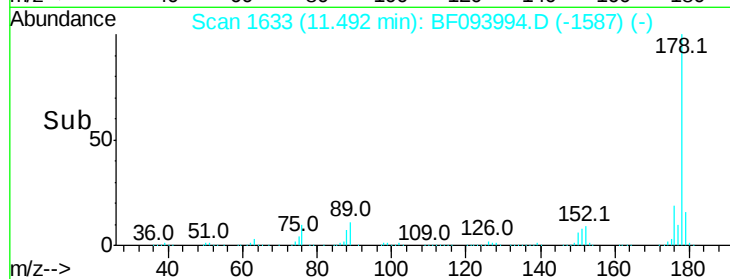
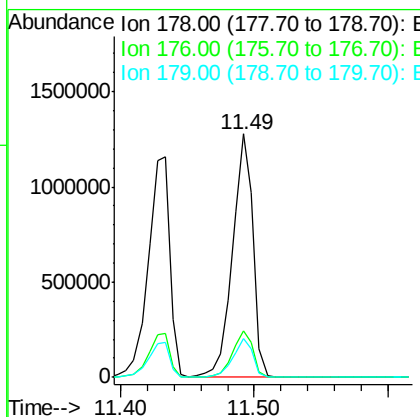
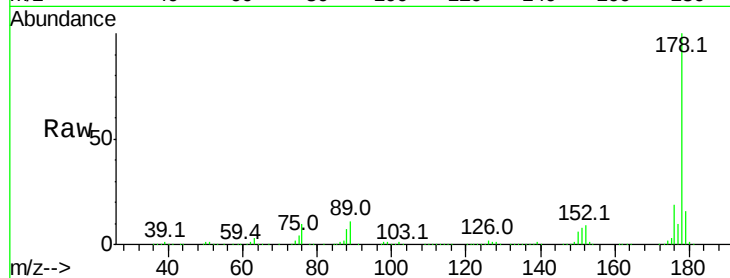
#71
 Anthracene
 Concen: 44.85 ng
 RT: 11.49 min Scan# 1633
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BS

Tot Ion:178 Resp: 1372102
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.7 12.7 19.1

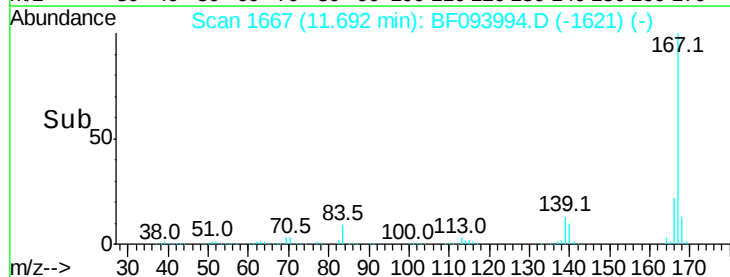
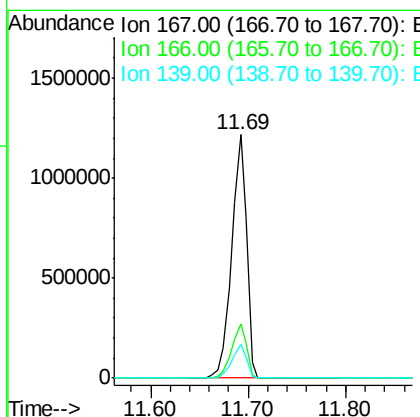
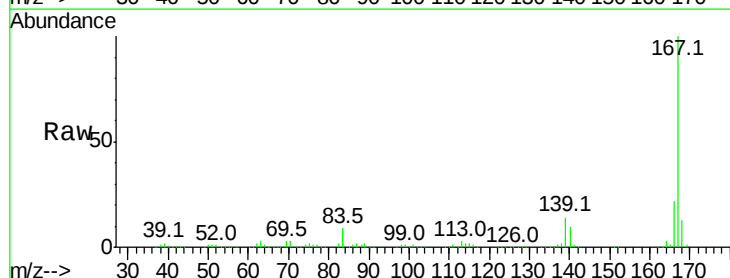
Manual Integrations
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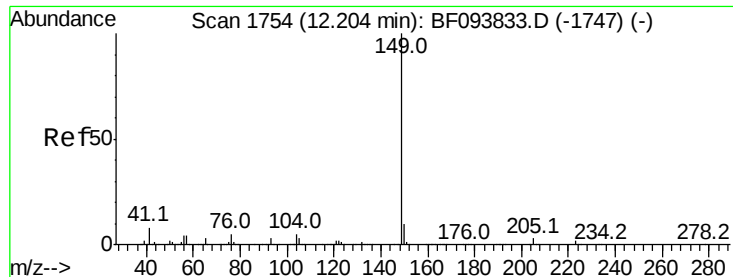
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#72
 Carbazole
 Concen: 41.21 ng
 RT: 11.69 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:167 Resp: 1292566
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 48.59 ng

RT: 12.14 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

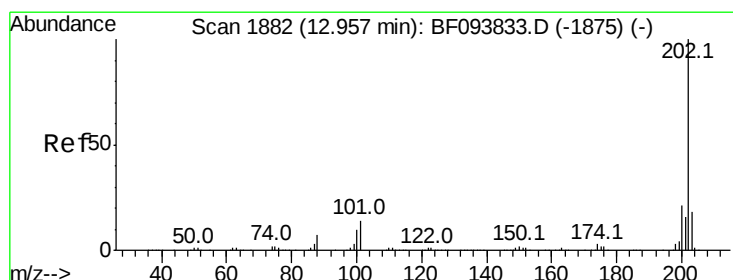
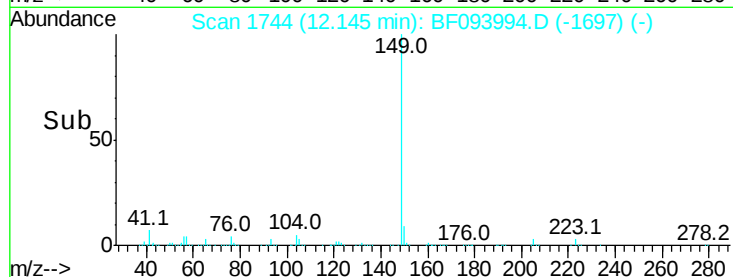
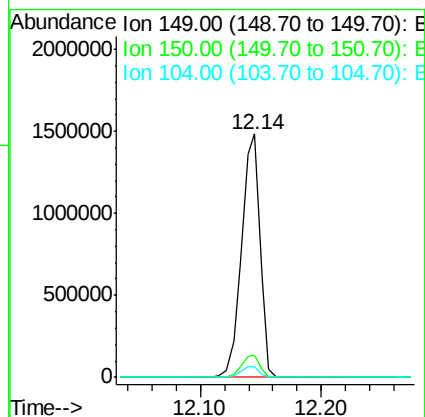
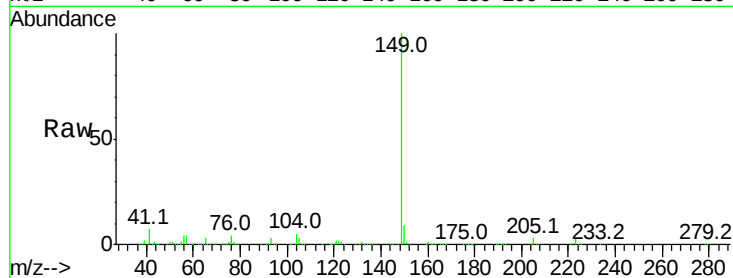
ClientSampleId :

PB97829BS

Tot Ion:	149	Resp:	1584915
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.5	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 45.25 ng

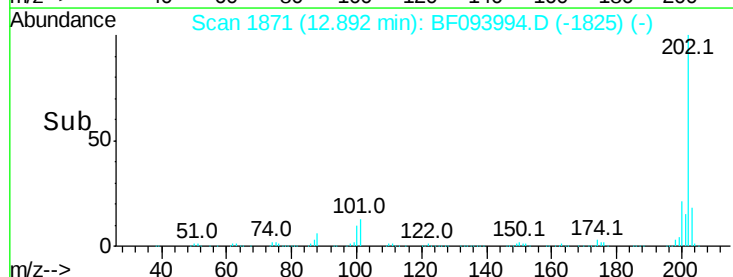
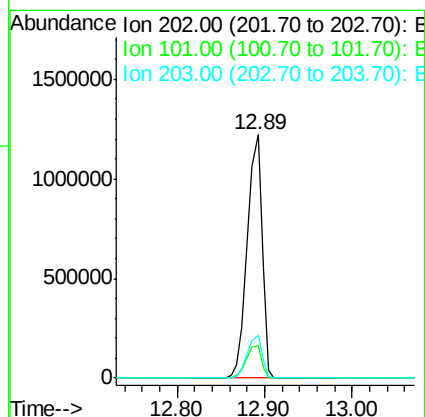
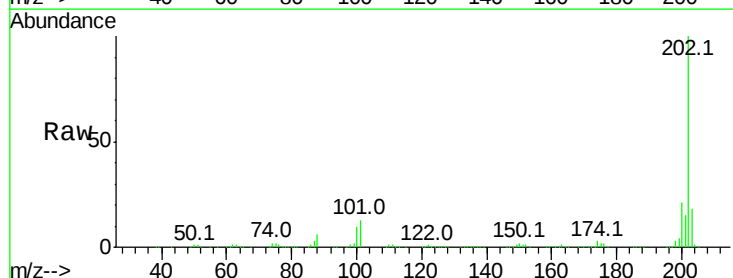
RT: 12.89 min Scan# 1871

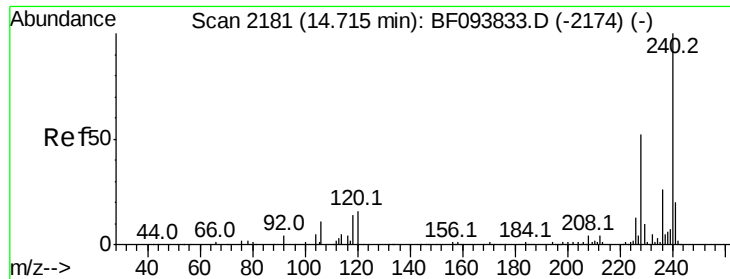
Delta R.T. -0.03 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Tgt Ion:	202	Resp:	1376532
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.8	0.0	38.1





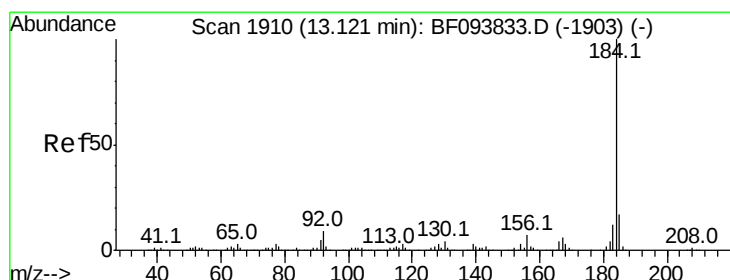
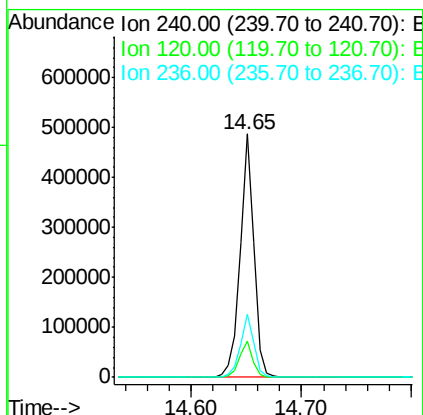
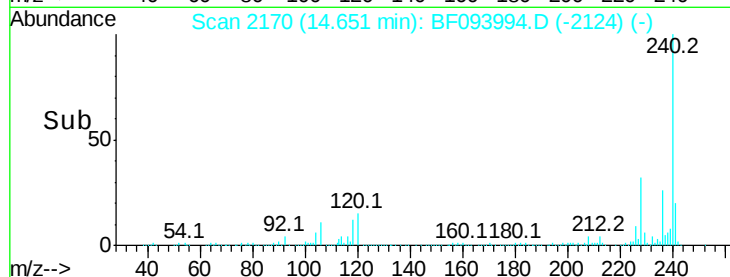
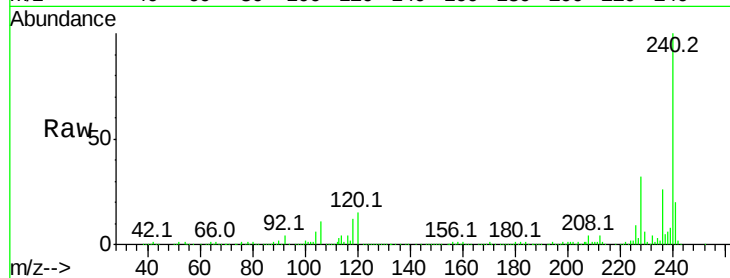
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.65 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.8	20.5	30.7

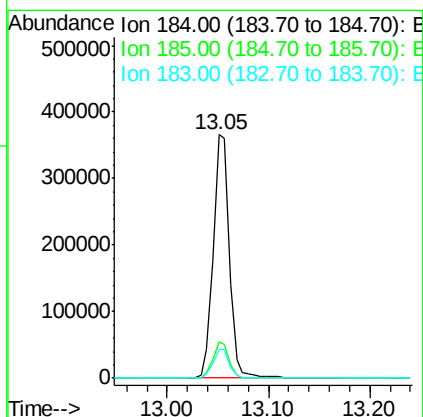
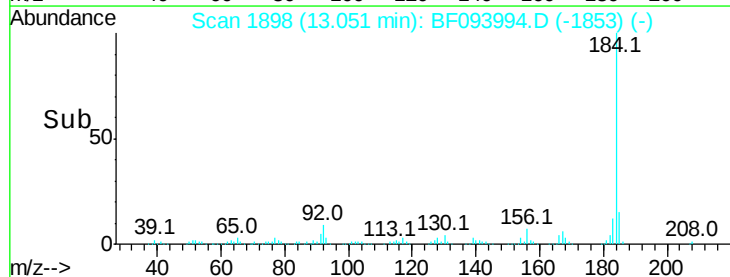
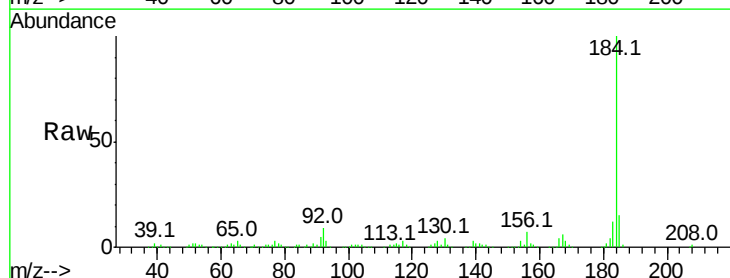
Manual Integrations
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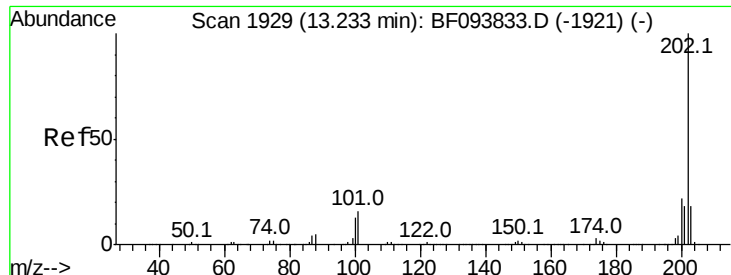
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#76
Benzidine
Concen: 23.93 ng
RT: 13.05 min Scan# 1898
Delta R.T. -0.04 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	15.5	23.3#
183	11.5	9.8	14.6





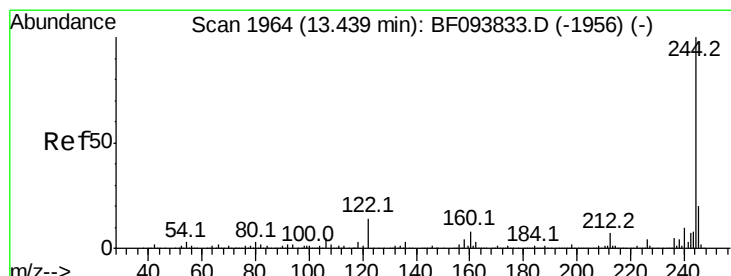
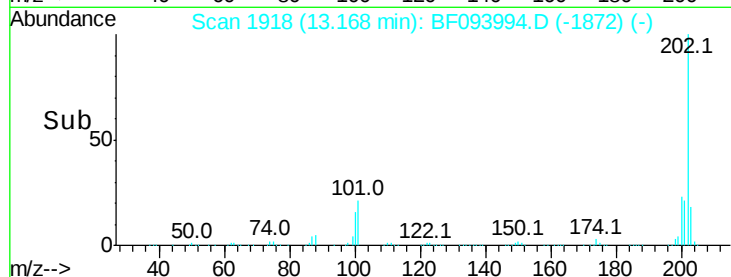
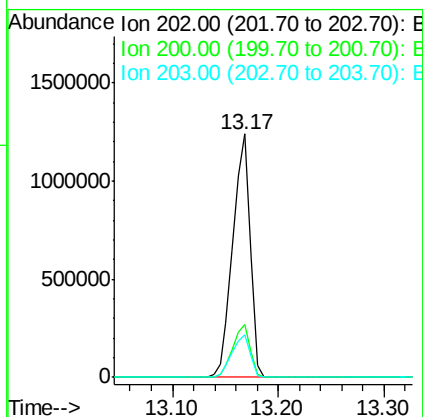
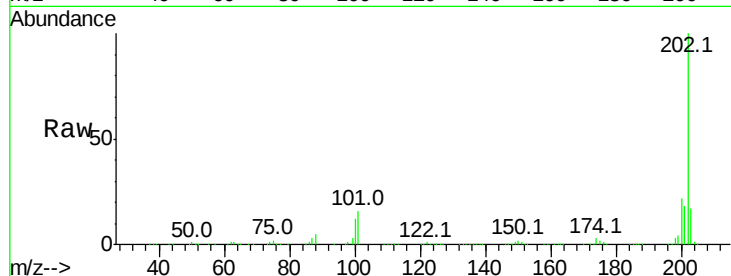
#77
Pvrene
Concen: 44.67 ng
RT: 13.17 min Scan# 1918
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.3	14.4	21.6

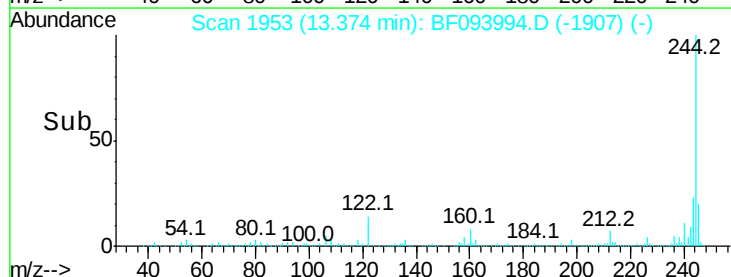
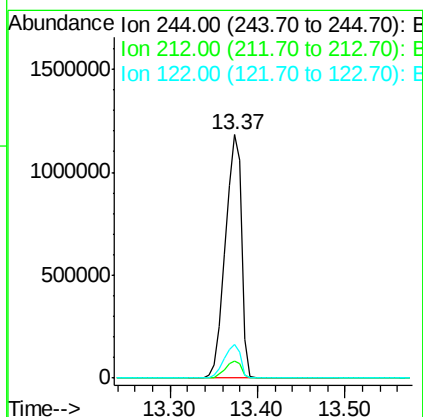
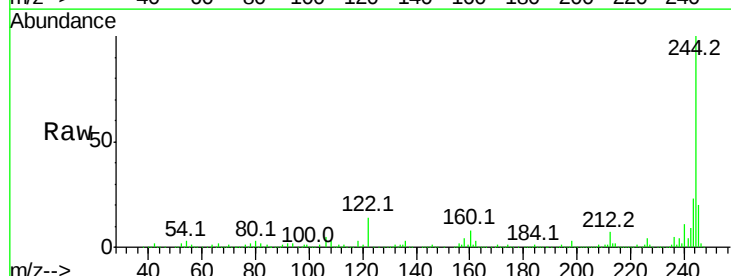
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#78
Terphenyl-d14
Concen: 79.44 ng
RT: 13.37 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.8	10.3	15.5





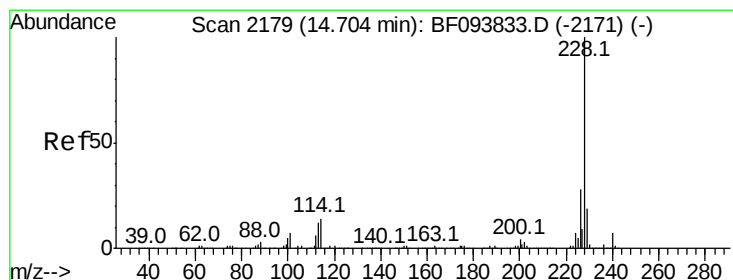
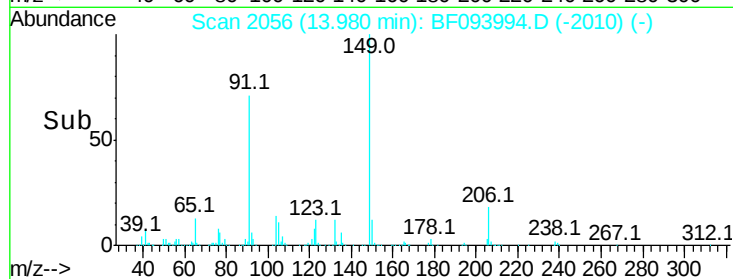
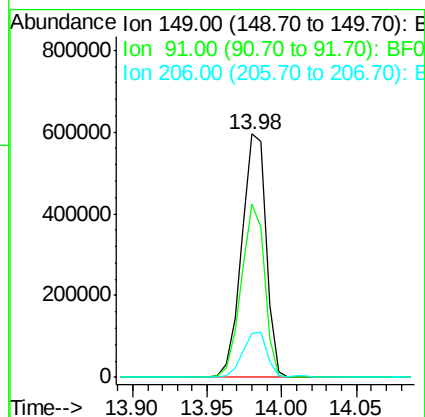
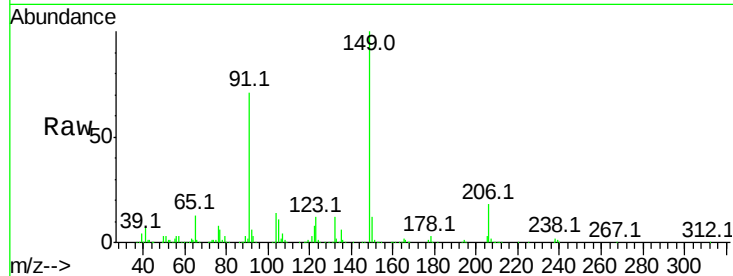
#79
Butylbenzylphthalate
Concen: 50.68 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.2	45.0	67.4#
206	18.2	17.0	25.6

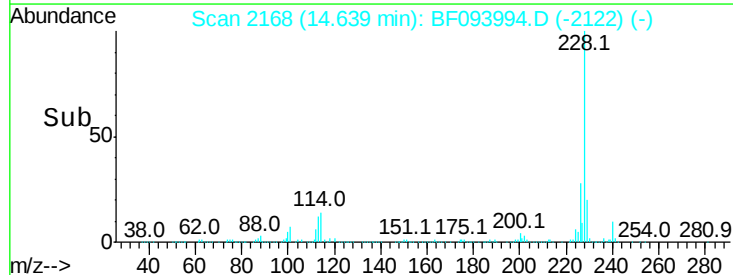
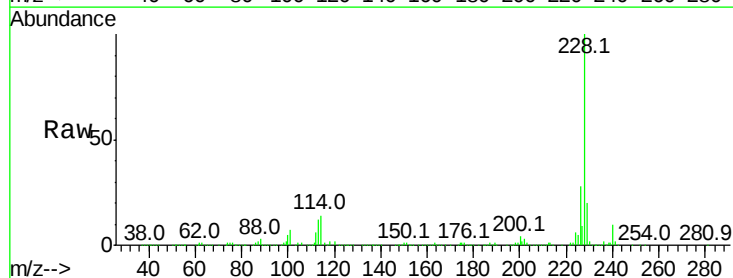
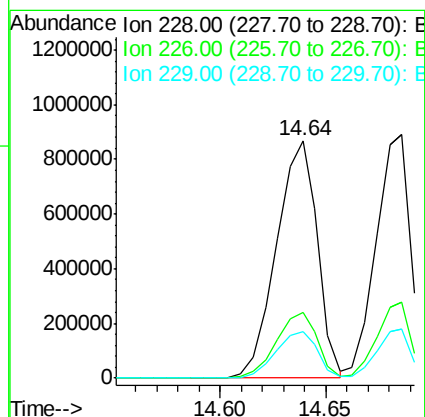
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#80
Benzo(a)anthracene
Concen: 46.46 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.5	16.3	24.5





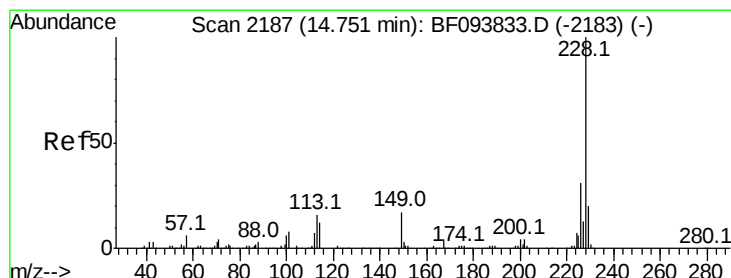
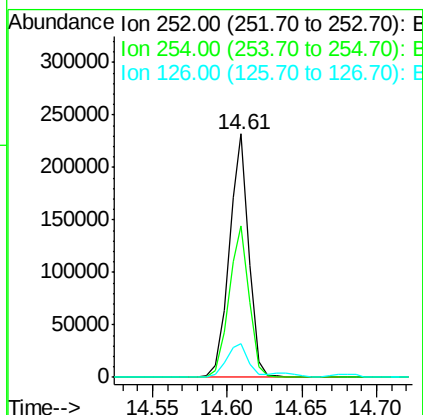
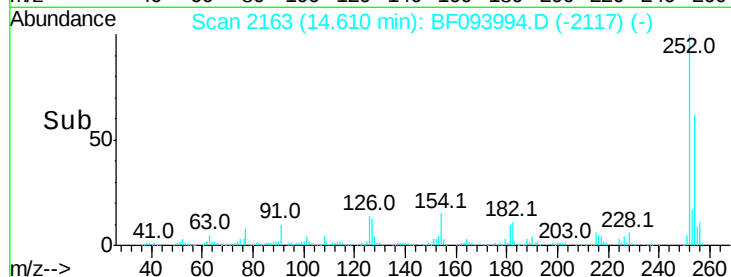
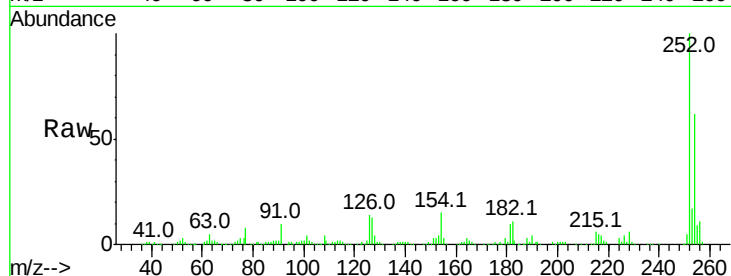
#81
 3,3'-Dichlorobenzidine
 Concen: 23.83 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.4	51.5	77.3
126	13.9	15.8	23.8#

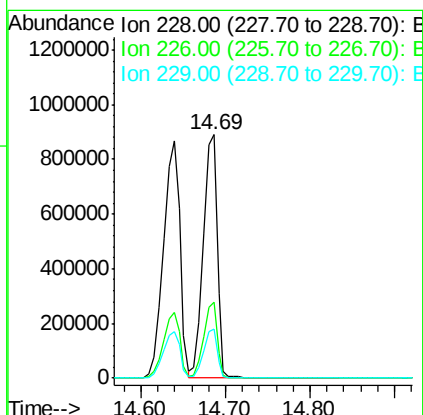
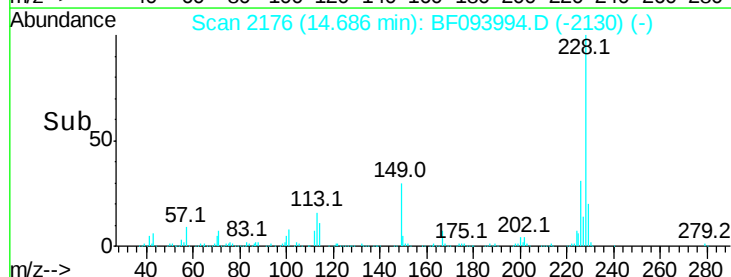
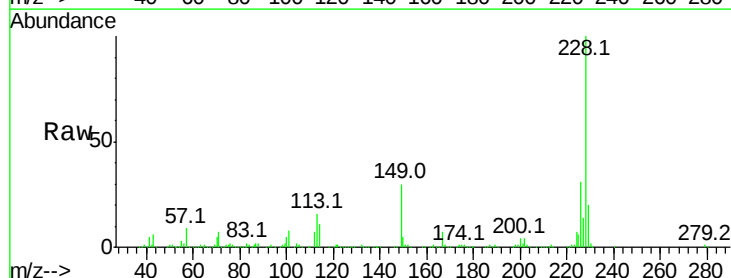
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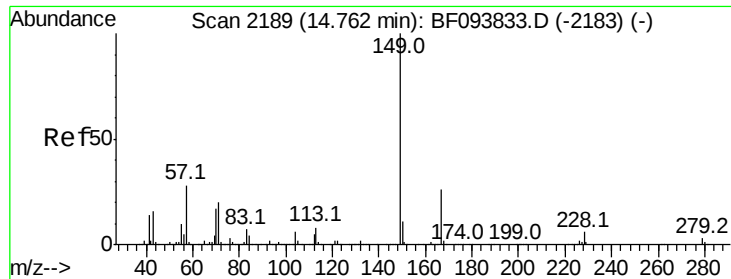
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#82
 Chrysene
 Concen: 43.72 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.2	15.8	23.6





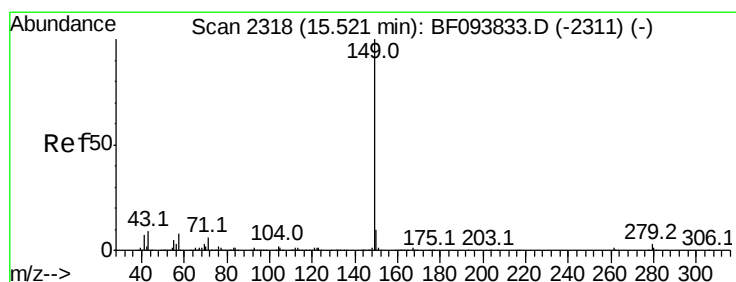
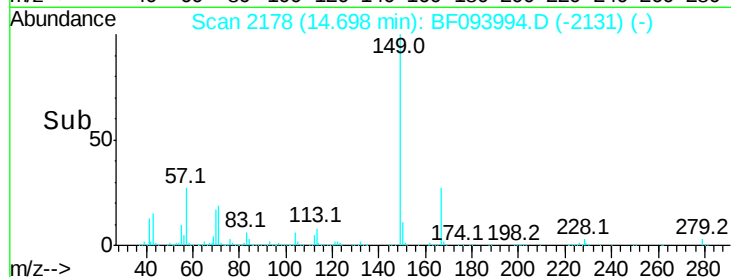
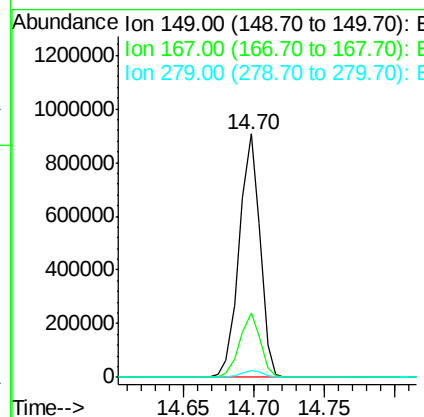
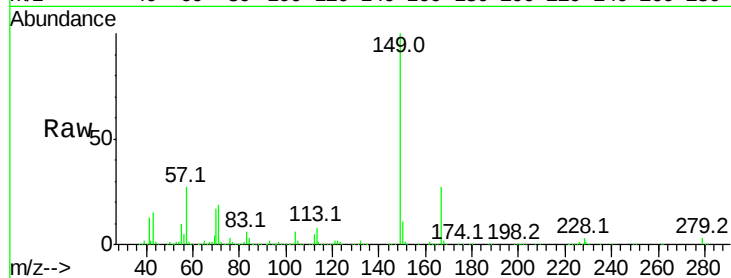
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.05 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	927442		
167	26.6	21.0	31.4	
279	2.9	1.9	2.9	

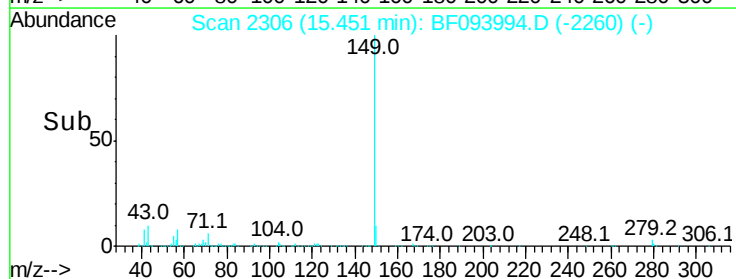
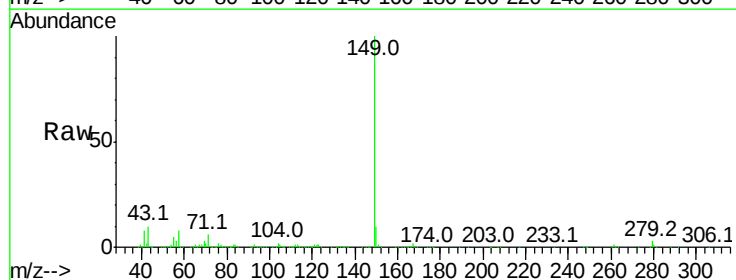
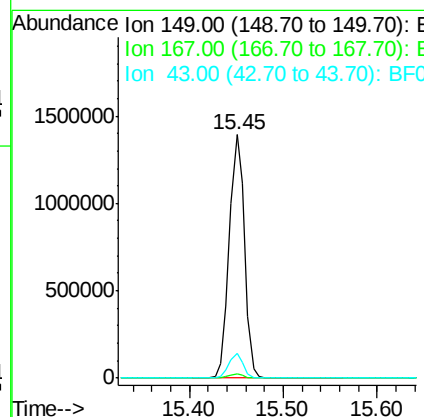
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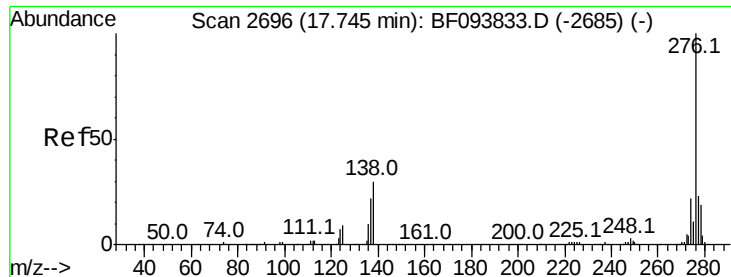
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#84
 Di-n-octyl phthalate
 Concen: 51.75 ng
 RT: 15.45 min Scan# 2306
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1570748		
167	1.5	1.2	1.8	
43	9.7	8.5	12.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.75 ng

RT: 17.64 min Scan# 2679

Delta R.T. -0.04 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

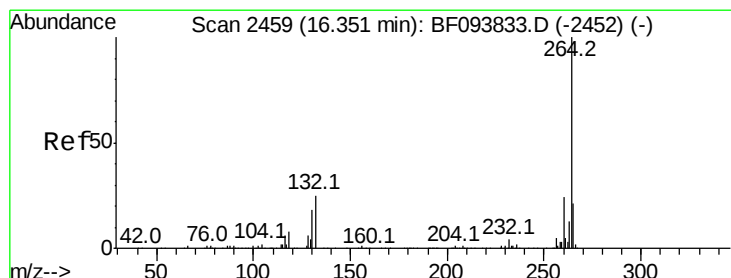
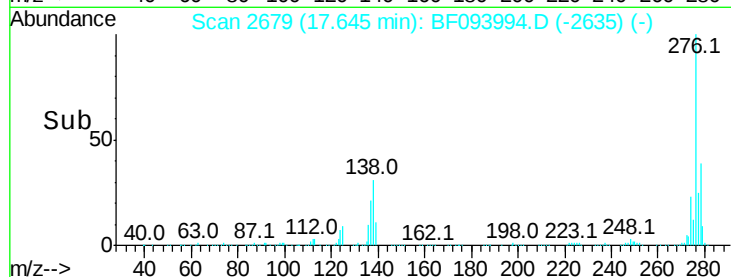
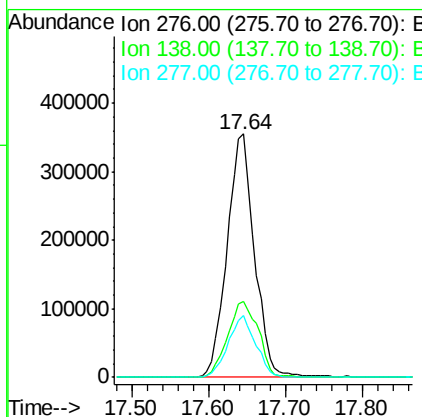
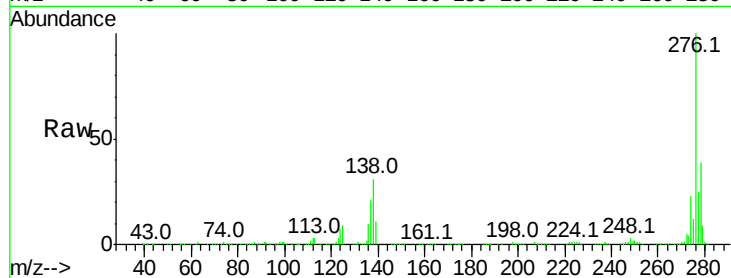
ClientSampleId :

PB97829BS

Tot Ion:	276	Resp:	883071
Ion Ratio	Lower	Upper	
276	100		
138	35.2	27.8	41.6
277	25.7	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

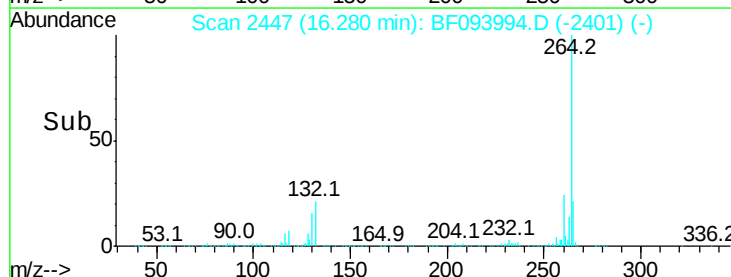
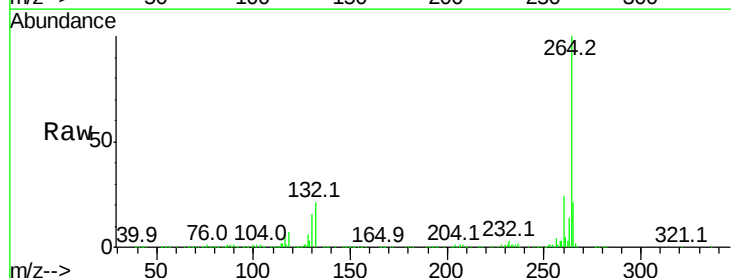
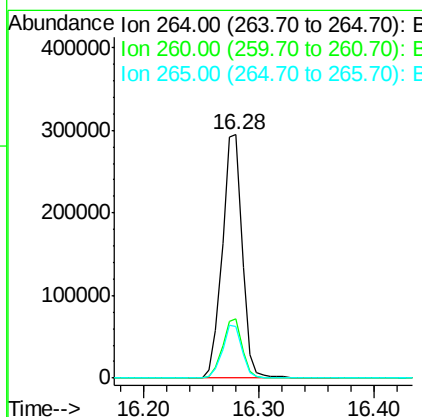
RT: 16.28 min Scan# 2447

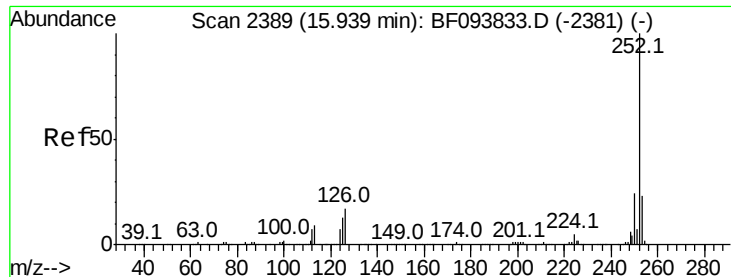
Delta R.T. -0.03 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Tgt Ion:	264	Resp:	352910
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.96 ng

RT: 15.87 min Scan# 2378

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

PB97829BS

Tot Ion:252 Resp: 1015763

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

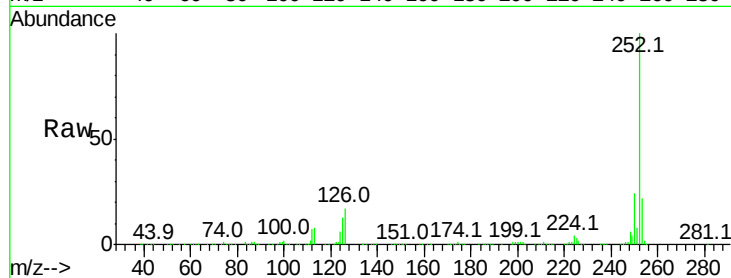
125 12.7 9.8 14.8

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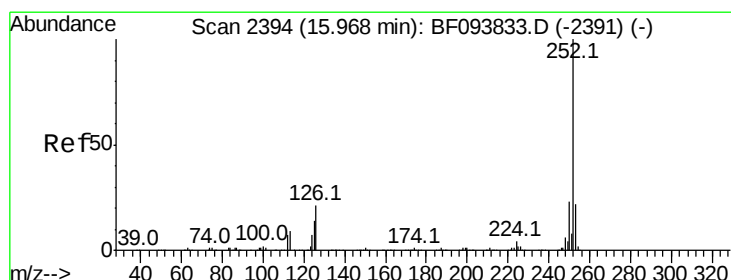
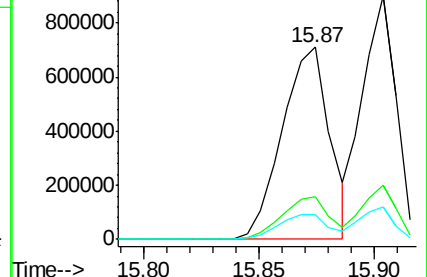
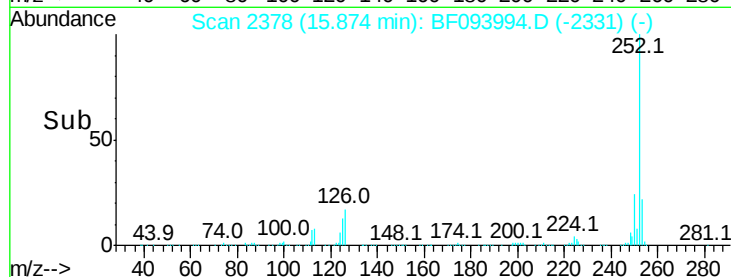
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.98 ng

RT: 15.90 min Scan# 2383

Delta R.T. -0.03 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

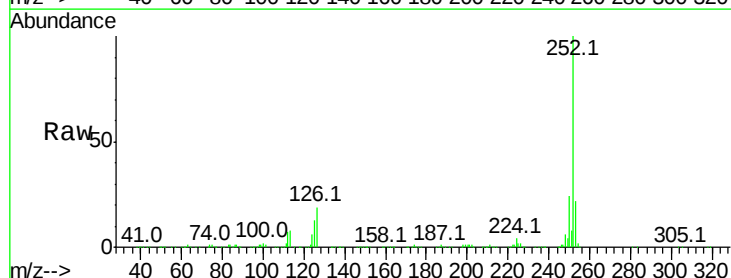
Tgt Ion:252 Resp: 930964

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

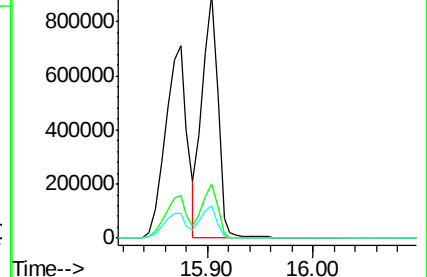
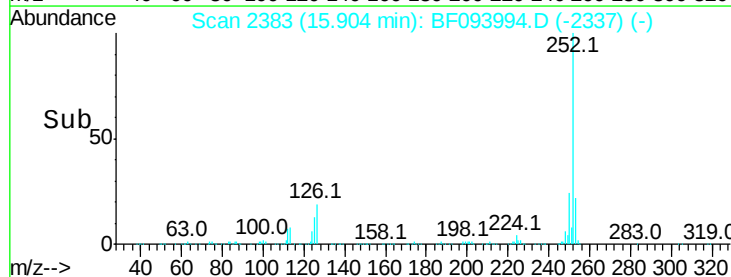
125 13.3 13.1 19.7

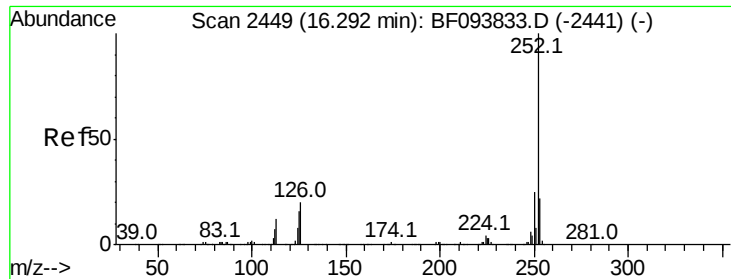


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





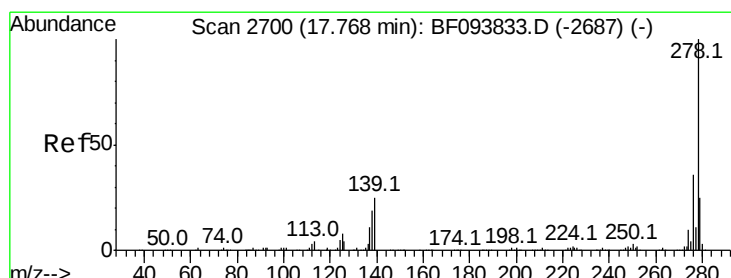
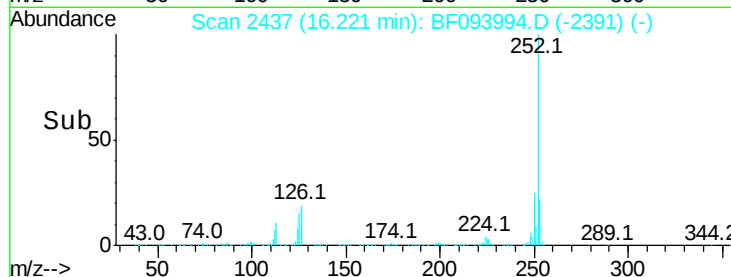
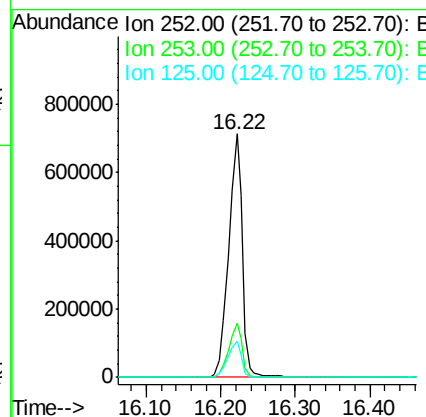
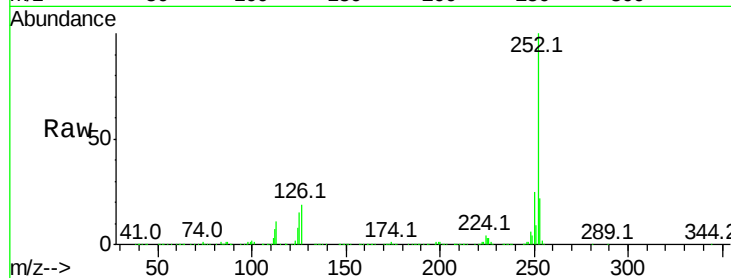
#89
Benzo(a)pyrene
Concen: 45.74 ng
RT: 16.22 min Scan# 2437
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
PB97829BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	15.0	11.0	16.4

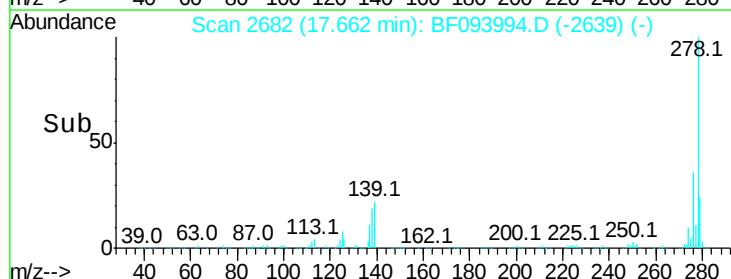
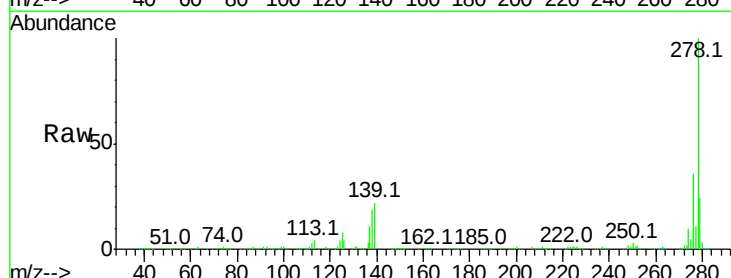
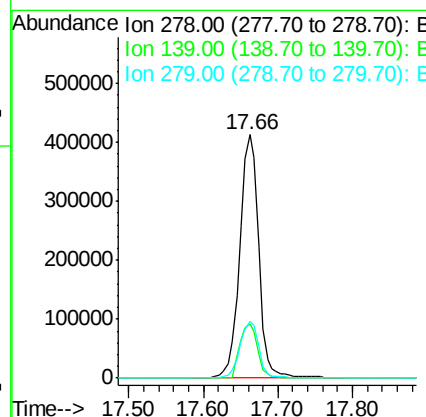
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#90
Dibenzo(a,h)anthracene
Concen: 43.44 ng
RT: 17.66 min Scan# 2682
Delta R.T. -0.05 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	16.6	24.8
279	23.5	19.3	28.9





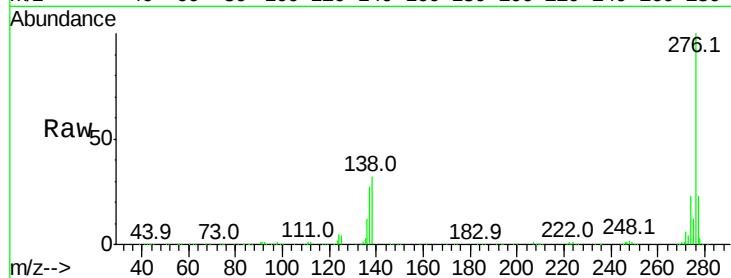
#91
 Benzo(a,h,i)perylene
 Concen: 42.44 ng
 RT: 18.04 min Scan# 2747
 Delta R.T. -0.05 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BS

Tot Ion:	276	Resp:	721642
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.6	28.0
138	31.7	25.4	38.0

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

