

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096862.D
 Acq On : 18 Jul 2017 23:48
 Operator : SJ/JU
 Sample : PB100719BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Manual Integrations
 APPROVED

mohammad
 7/19/2017 2:32:09 PM

Quant Time: Jul 19 03:35:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	79601	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	308133	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	115998	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	166914	20.00	ng	0.00
75) Chrysene-d12	13.73	240	133551	20.00	ng	0.00
86) Perylene-d12	15.10	264	99136	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	500477	94.54	ng	0.02
7) Phenol-d6	6.25	99	484291	76.23	ng	0.00
23) Nitrobenzene-d5	7.16	82	414347	83.29	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	74213	74.95	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	727488	99.09	ng	0.00
78) Terphenyl-d14	12.69	244	469404	60.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	107675	39.527	ng	# 77
3) Pyridine	2.92	79	233371	40.764	ng	# 57
4) n-Nitrosodimethylamine	2.87	42	145411	45.419	ng	# 81
6) Aniline	6.26	93	181056	23.136	ng	# 46
8) 2-Chlorophenol	6.39	128	217880	38.149	ng	# 96
9) Benzaldehyde	6.14	77	90697	24.700	ng	# 97
10) Phenol	6.26	94	261712	36.441	ng	# 84
11) bis(2-Chloroethyl)ether	6.34	93	205130	37.982	ng	# 91
12) 1,3-Dichlorobenzene	6.54	146	237750	39.162	ng	# 98
13) 1,4-Dichlorobenzene	6.62	146	242968	39.520	ng	# 94
14) 1,2-Dichlorobenzene	6.77	146	218174	39.016	ng	# 98
15) Benzyl Alcohol	6.75	79	165107	39.696	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	423702	38.015	ng	# 94
17) 2-Methylphenol	6.87	107	167297	37.669	ng	# 95
18) Hexachloroethane	7.11	117	65000	29.816	ng	# 82
19) n-Nitroso-di-n-propylamine	7.02	70	144749	37.819	ng	# 85
20) 3+4-Methylphenols	7.03	107	213482	39.612	ng	# 64
22) Acetophenone	7.01	105	289049	41.971	ng	# 97
24) Nitrobenzene	7.19	77	202417	39.343	ng	# 88
25) Isophorone	7.43	82	369949	39.976	ng	# 94
26) 2-Nitrophenol	7.50	139	79284	27.714	ng	# 88
27) 2,4-Dimethylphenol	7.55	122	187246	39.786	ng	# 96
28) bis(2-Chloroethoxy)methane	7.64	93	255722	40.893	ng	# 99
29) 2,4-Dichlorophenol	7.75	162	163886	38.469	ng	# 98
30) 1,2,4-Trichlorobenzene	7.83	180	165693	40.906	ng	# 98
31) Naphthalene	7.90	128	595609	40.804	ng	# 99
32) Benzoic acid	7.67	122	69932m	23.248	ng	# 97
33) 4-Chloroaniline	7.96	127	142627	24.662	ng	# 96
34) Hexachlorobutadiene	8.03	225	90928	42.051	ng	# 87
35) Caprolactam	8.33	113	49471m	36.242	ng	# 98
36) 4-Chloro-3-methylphenol	8.45	107	161663	35.292	ng	# 99
37) 2-Methylnaphthalene	8.60	142	383795	41.242	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	138984	44.323	ng	# 98
40) Hexachlorocyclopentadiene	8.75	237	7706	11.111	ng	# 99

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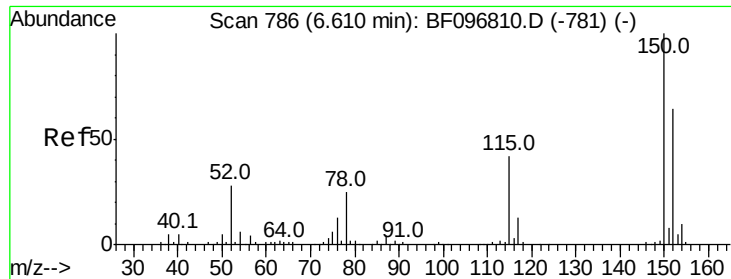
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	89372	38.639	nq	98
43) 2,4,5-Trichlorophenol	8.92	196	91960	39.422	nq	98
45) 1,1'-Biphenyl	9.06	154	422753	42.494	nq	97
46) 2-Chloronaphthalene	9.08	162	311343	42.501	nq	# 93
47) 2-Nitroaniline	9.18	65	107744	42.788	nq	# 86
48) Acenaphthylene	9.49	152	475989	40.780	nq	99
49) Dimethylphthalate	9.36	163	386821	44.288	nq	100
50) 2,6-Dinitrotoluene	9.42	165	64200	33.935	nq	# 90
51) Acenaphthene	9.66	154	270344	39.208	nq	99
52) 3-Nitroaniline	9.59	138	97179	43.361	nq	96
53) 2,4-Dinitrophenol	9.70	184	1932	8.630	nq	# 71
54) Dibenzofuran	9.83	168	404747	41.889	nq	98
55) 4-Nitrophenol	9.76	139	91047	55.607	nq	# 68
56) 2,4-Dinitrotoluene	9.83	165	70882	29.157	nq	# 77
57) Fluorene	10.17	166	286413	40.113	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.96	232	61412	37.960	nq	98
59) Diethylphthalate	10.06	149	355508	41.811	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	127603	42.514	nq	99
61) 4-Nitroaniline	10.19	138	91885	43.660	nq	92
62) Azobenzene	10.33	77	291017	38.797	nq	93
64) 4,6-Dinitro-2-methylphenol	10.24	198	2474	2.361	nq	# 72
65) n-Nitrosodiphenylamine	10.29	169	266519	44.669	nq	98
66) 4-Bromophenyl-phenylether	10.66	248	75771	44.463	nq	99
67) Hexachlorobenzene	10.73	284	76662	40.391	nq	# 91
68) Atrazine	10.82	200	76430	44.962	nq	94
69) Pentachlorophenol	10.92	266	59860	65.285	nq	97
70) Phenanthrene	11.13	178	385997	42.531	nq	98
71) Anthracene	11.18	178	395691	43.121	nq	99
72) Carbazole	11.34	167	378990	42.650	nq	98
73) Di-n-butylphthalate	11.68	149	490145	44.290	nq	# 98
74) Fluoranthene	12.31	202	395655	45.546	nq	98
76) Benzidine	12.44	184	354612	81.051	nq	# 92
77) Pyrene	12.54	202	410506	33.869	nq	99
79) Butylbenzylphthalate	13.16	149	203388	35.318	nq	# 79
80) Benzo(a)anthracene	13.72	228	336785	40.473	nq	98
81) 3,3'-Dichlorobenzidine	13.69	252	129221	43.184	nq	# 97
82) Chrysene	13.76	228	323593	39.501	nq	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	279724	39.885	nq	99
84) Di-n-octyl phthalate	14.34	149	518294	44.708	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.39	276	210781	29.072	nq	100
87) Benzo(b)fluoranthene	14.73	252	268067	44.835	nq	97
88) Benzo(k)fluoranthene	14.75	252	238881	42.192	nq	# 95
89) Benzo(a)pyrene	15.05	252	233302	42.544	nq	98
90) Dibenzo(a,h)anthracene	16.40	278	181951	36.059	nq	95
91) Benzo(g,h,i)perylene	16.77	276	174440	32.283	nq	97

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



#1

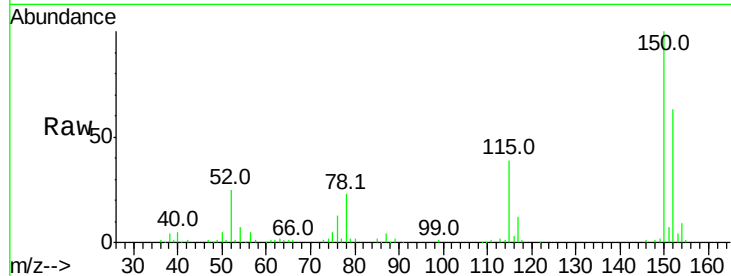
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	61.8	52.2	78.2

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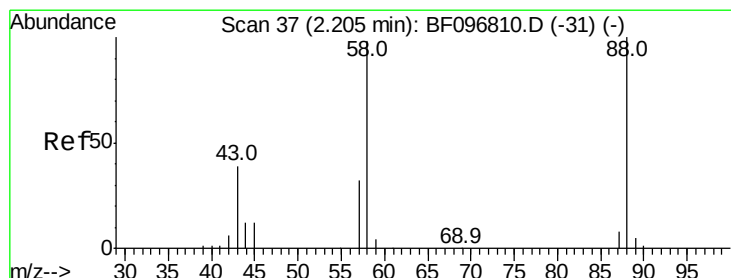
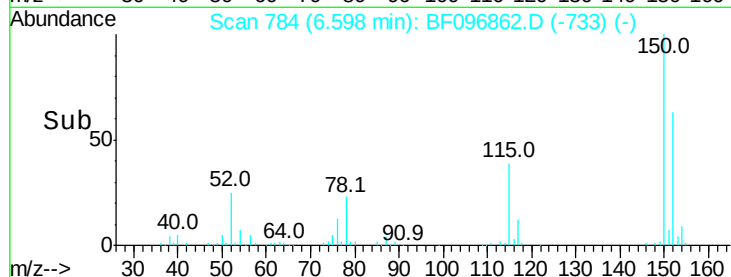
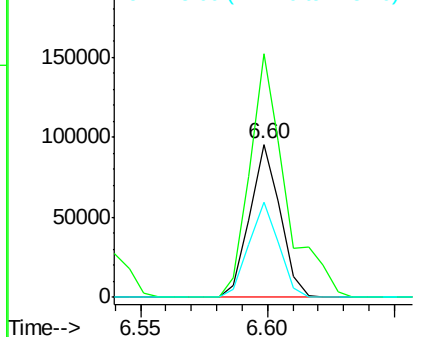


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

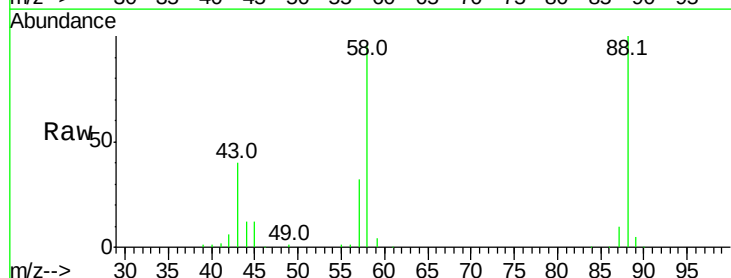
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.527 ng
RT: 2.27 min Scan# 48
Delta R.T. 0.08 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.1	61.4	92.0#
43	38.8	23.4	35.0#

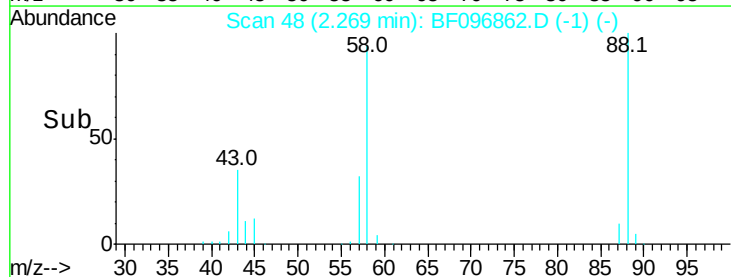
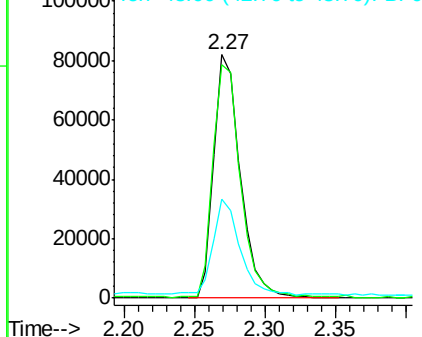


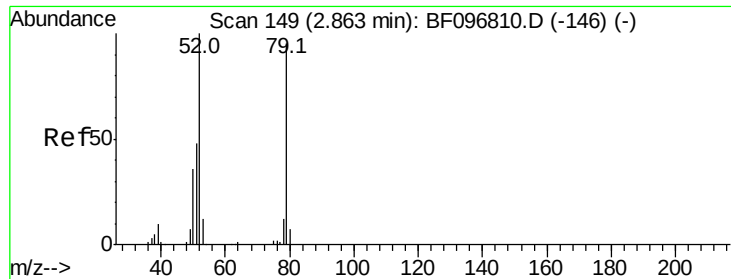
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.764 ng

RT: 2.92 min Scan# 159

Delta R.T. 0.08 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

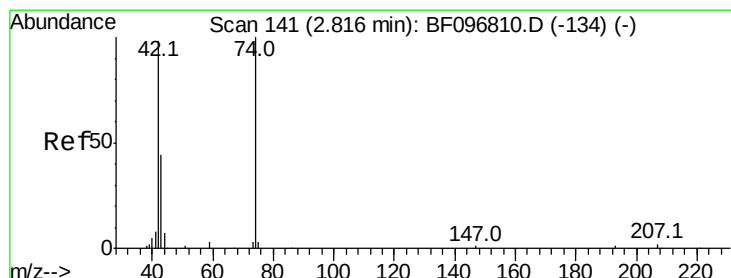
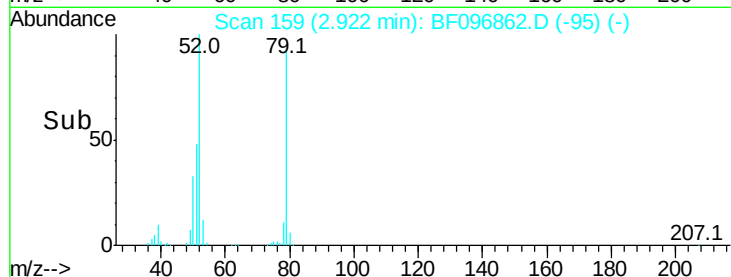
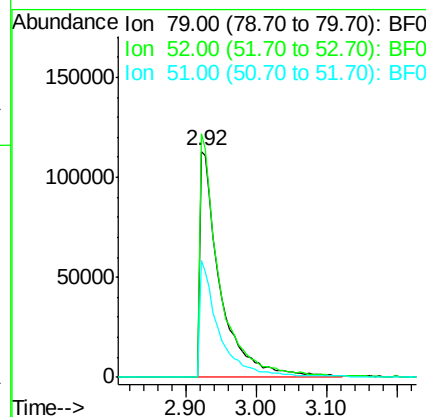
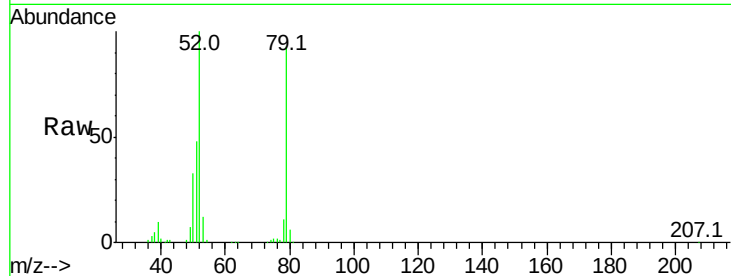
ClientSampleId :

PB100719BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	107.7	54.8	82.2#
51	51.5	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 45.419 ng

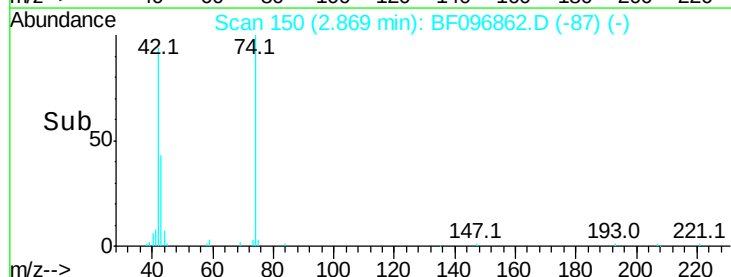
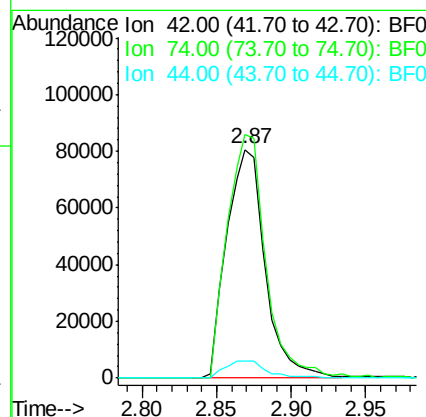
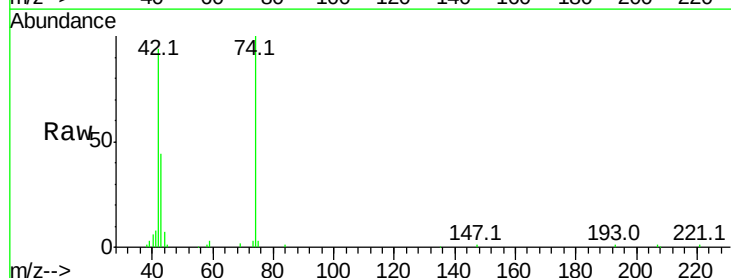
RT: 2.87 min Scan# 150

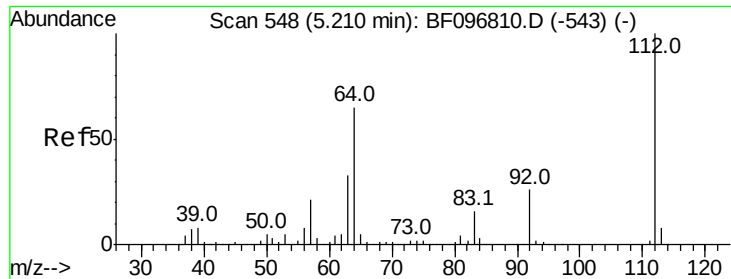
Delta R.T. 0.07 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	106.6	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 94.535 ng

RT: 5.22 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

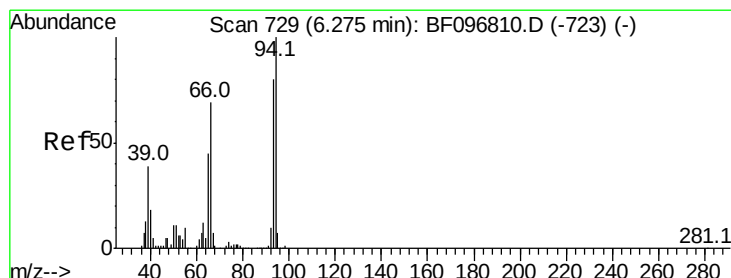
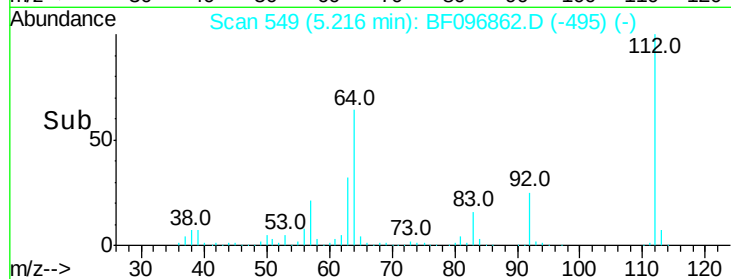
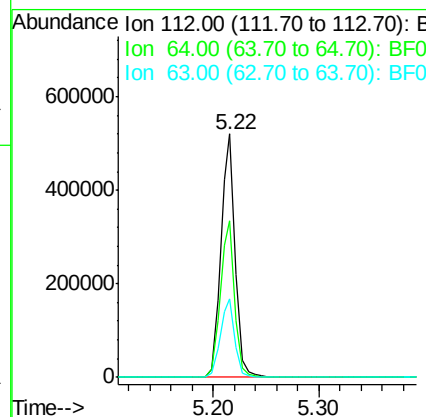
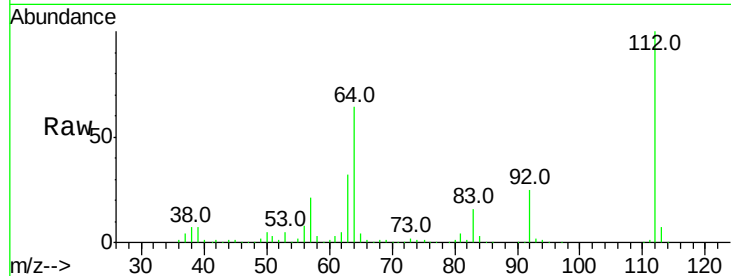
ClientSampleId :

PB100719BSD

Tot Ion:	112	Resp:	500477
Ion Ratio	Lower	Upper	
112	100		
64	64.1	46.0	69.0
63	32.2	23.4	35.0

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#6

Aniline

Concen: 23.136 ng

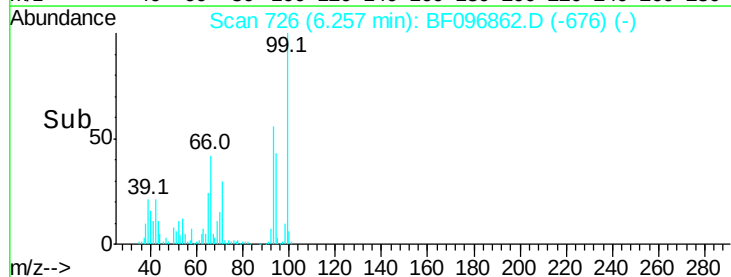
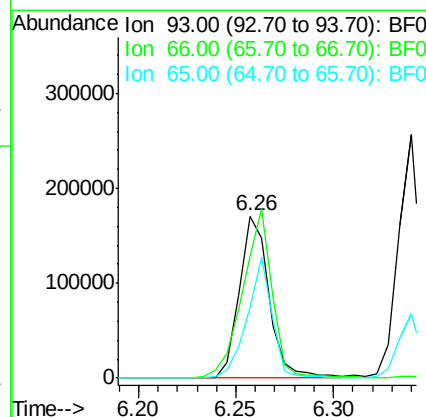
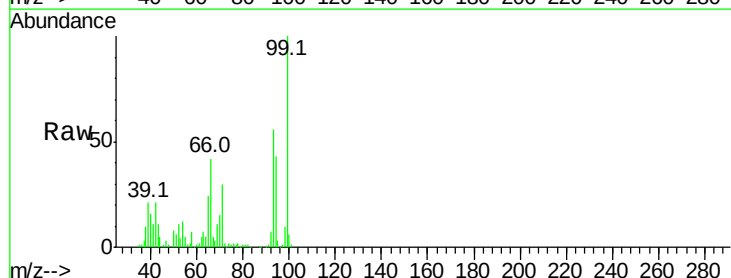
RT: 6.26 min Scan# 726

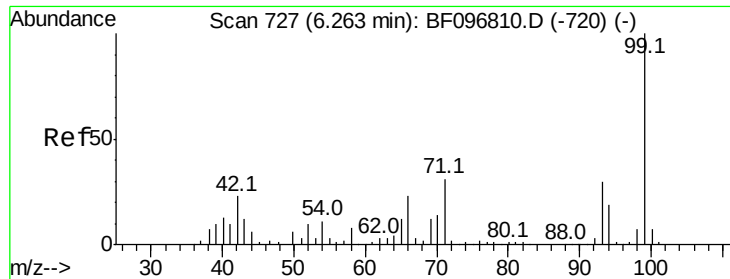
Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Tgt Ion:	93	Resp:	181056
Ion Ratio	Lower	Upper	
93	100		
66	75.4	32.9	49.3#
65	43.5	16.0	24.0#





#7

Phenol-d6

Concen: 76.230 ng

RT: 6.25 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

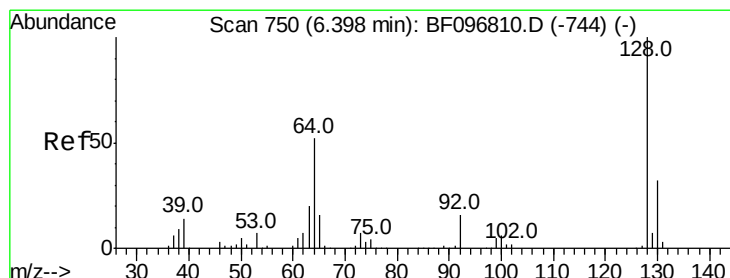
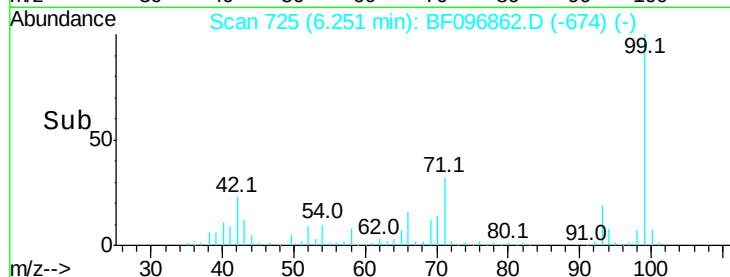
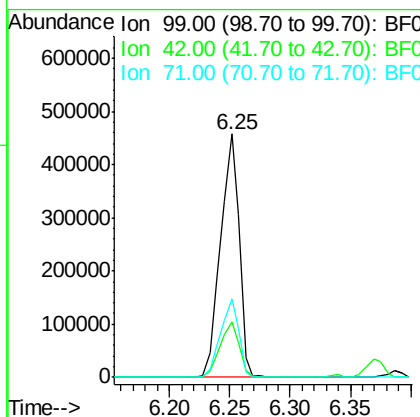
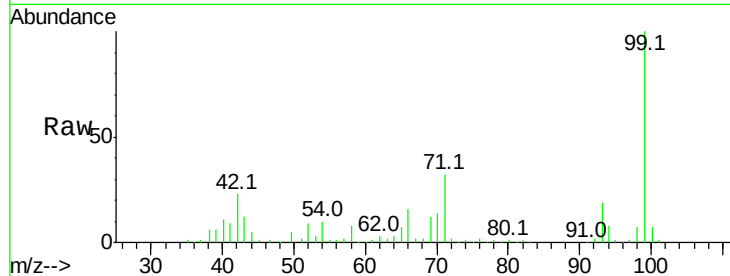
ClientSampleId :

PB100719BSD

Tot Ion:	99	Resp:	484291
Ion Ratio	Lower	Upper	
99	100		
42	22.9	13.5	20.3#
71	32.4	24.5	36.7

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#8

2-Chlorophenol

Concen: 38.149 ng

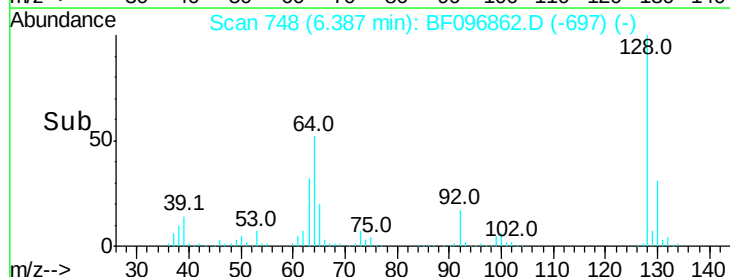
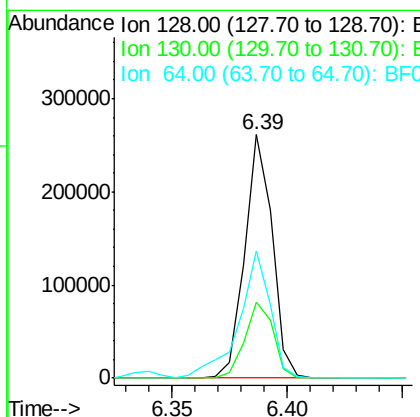
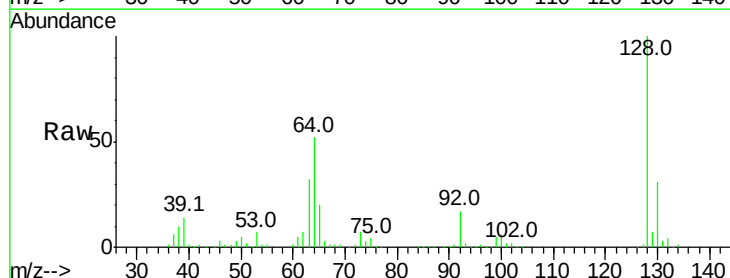
RT: 6.39 min Scan# 748

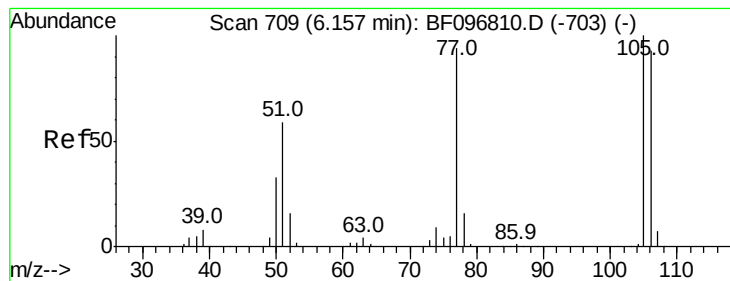
Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Tgt Ion:	128	Resp:	217880
Ion Ratio	Lower	Upper	
128	100		
130	31.2	12.9	52.9
64	52.0	28.4	68.4





#9

Benzaldehyde

Concen: 24.700 ng

RT: 6.14 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

Tot Ion: 77 Resp: 90697

Ion Ratio Lower Upper

77 100

105 101.2 83.8 123.8

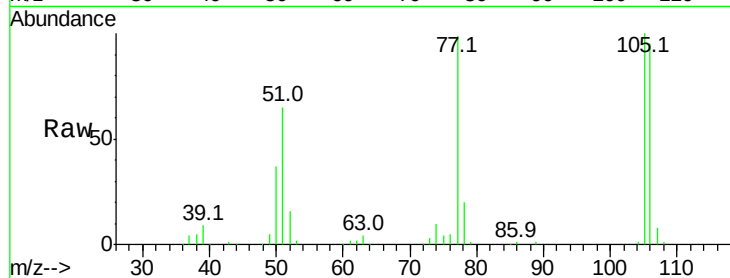
106 96.4 79.1 119.1

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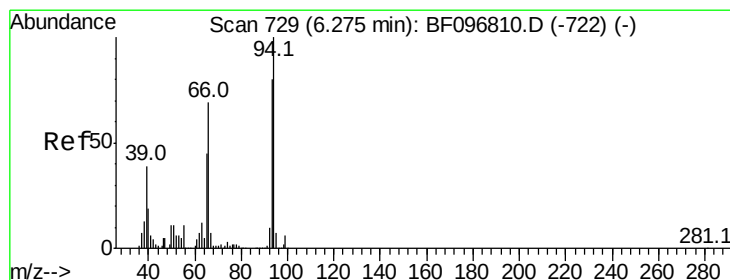
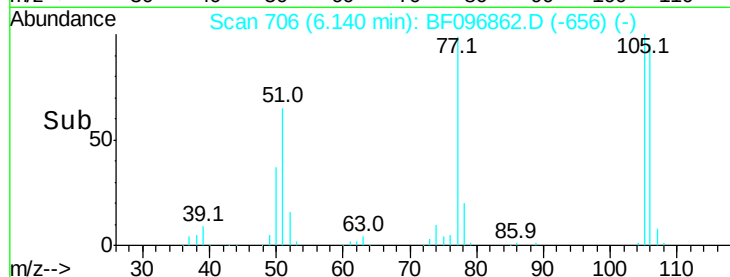
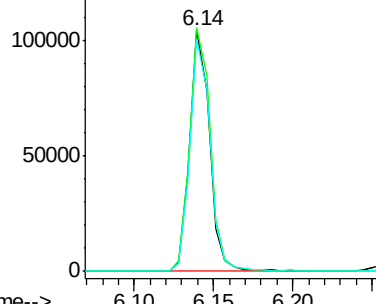
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.441 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

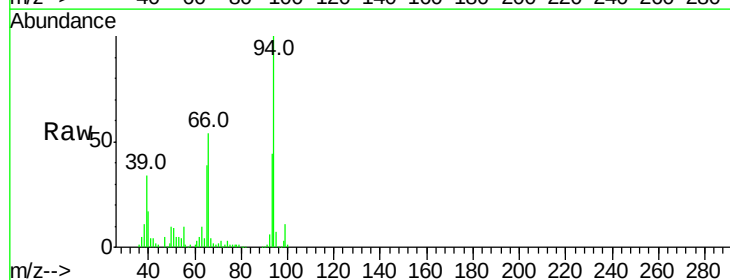
Tgt Ion: 94 Resp: 261712

Ion Ratio Lower Upper

94 100

65 38.5 9.9 49.9

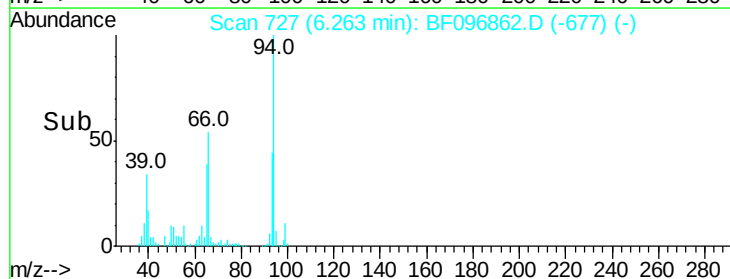
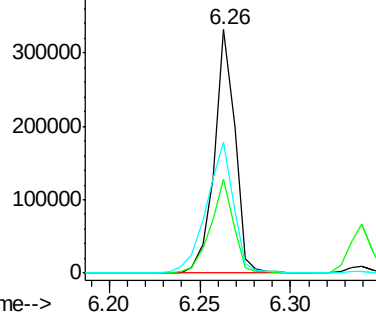
66 53.7 23.1 63.1

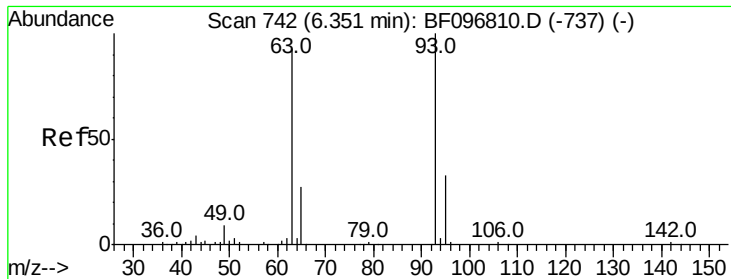


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





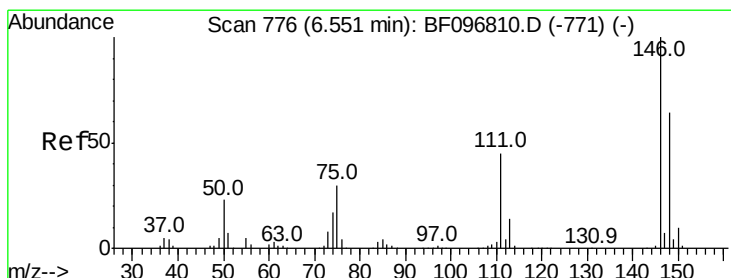
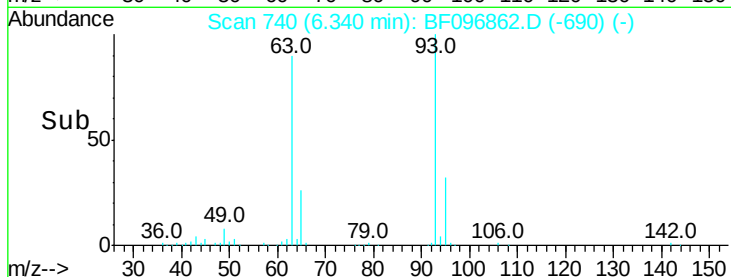
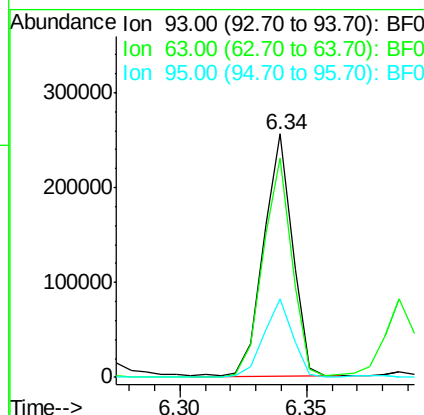
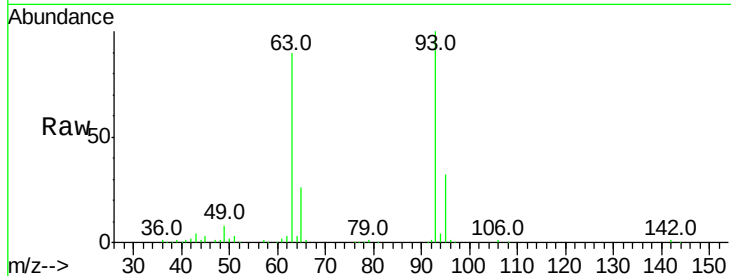
#11
bis(2-Chloroethyl)ether
Concen: 37.982 ng
RT: 6.34 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.0	59.2	99.2
95	32.3	12.8	52.8

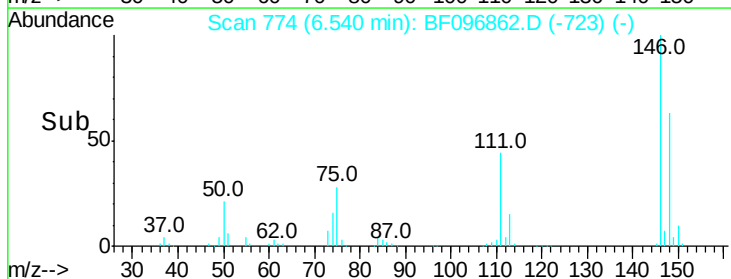
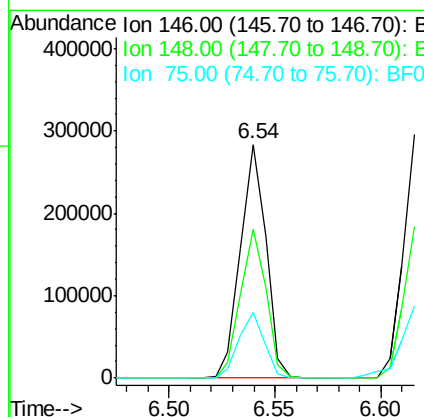
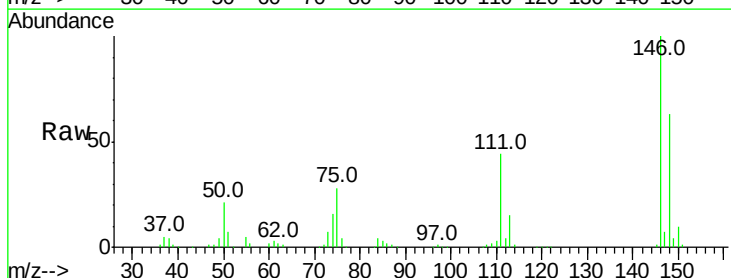
Manual Integrations
APPROVED

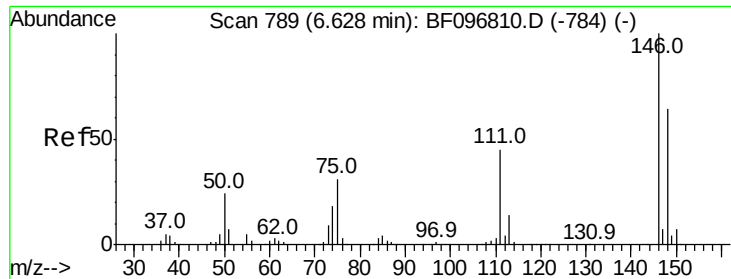
mohammad
7/19/2017 2:32:09 PM



#12
1,3-Dichlorobenzene
Concen: 39.162 ng
RT: 6.54 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
75	28.1	23.1	34.7





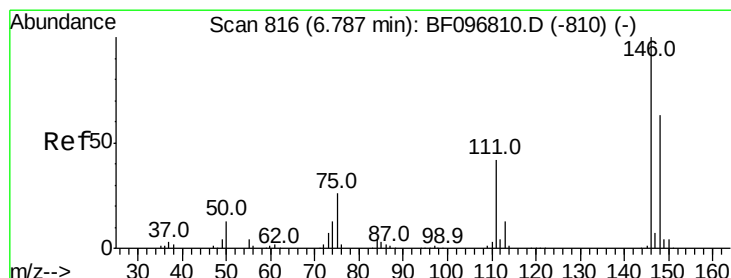
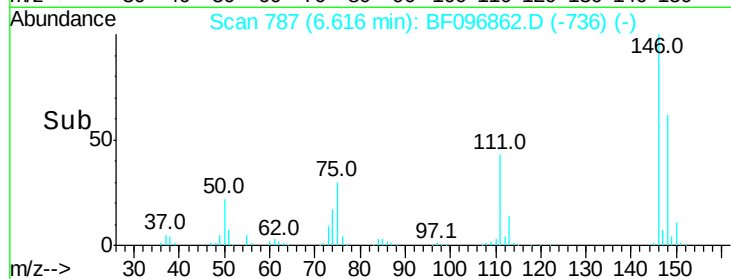
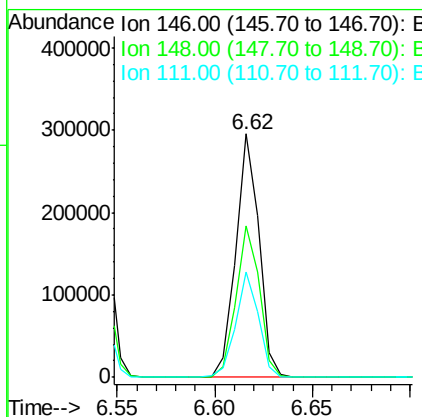
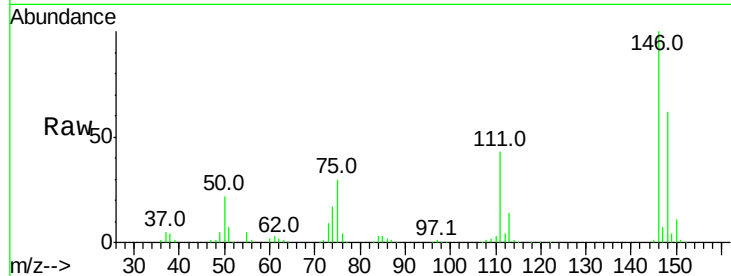
#13
 1,4-Dichlorobenzene
 Concen: 39.520 ng
 RT: 6.62 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.2	78.2
111	43.5	30.3	45.5

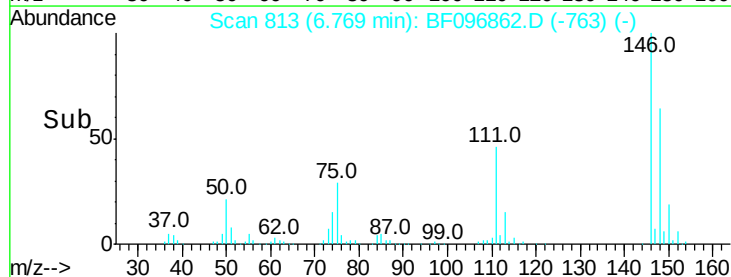
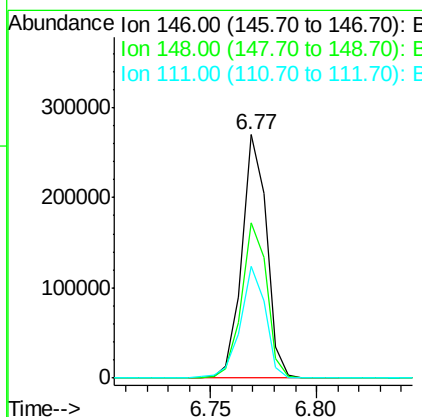
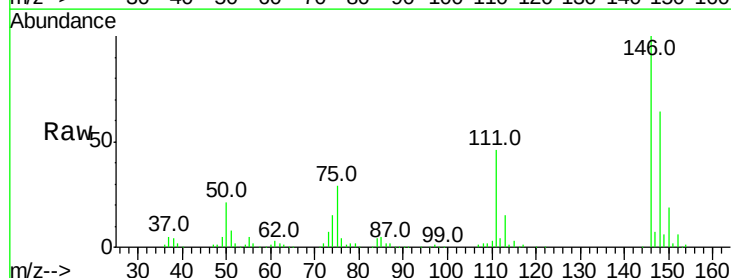
Manual Integrations
 APPROVED

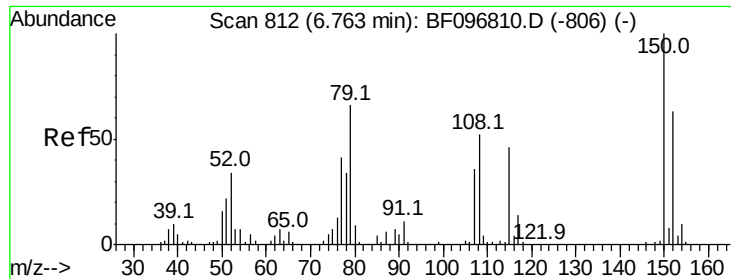
mohammad
 7/19/2017 2:32:09 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.016 ng
 RT: 6.77 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	45.8	38.2	57.4





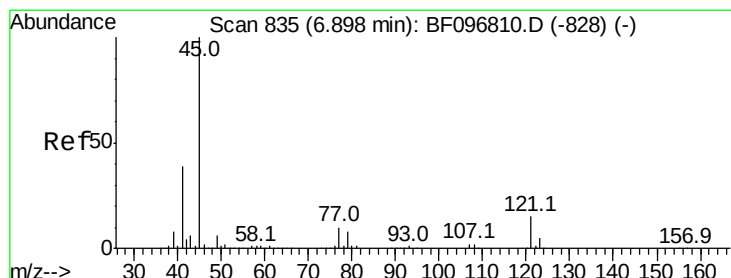
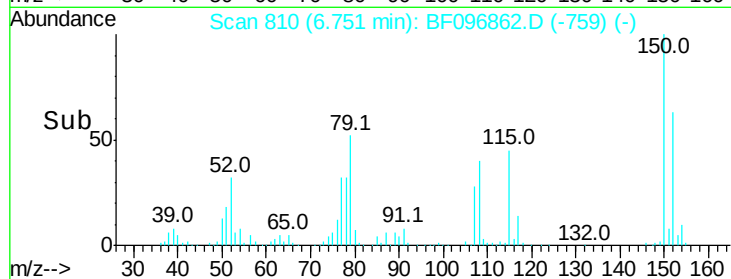
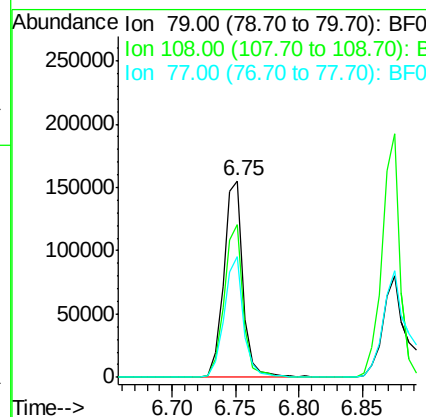
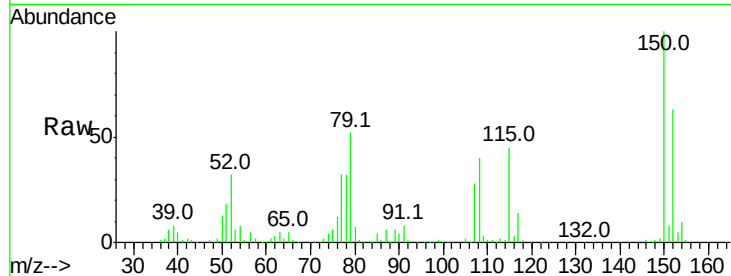
#15
Benzyl Alcohol
Concen: 39.696 ng
RT: 6.75 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleID :
PB100719BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.7	63.4	95.0
77	61.2	49.2	73.8

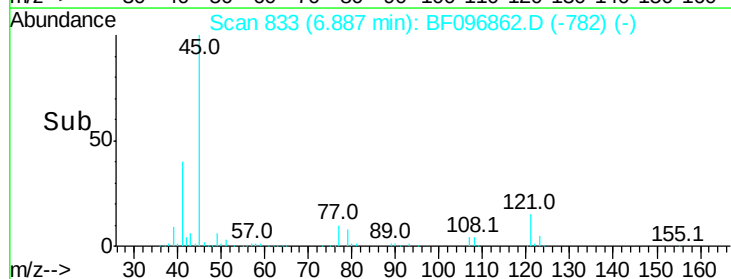
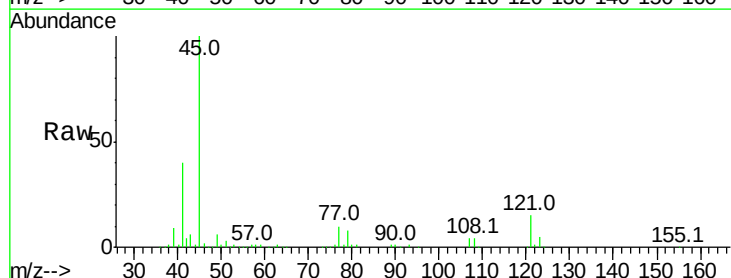
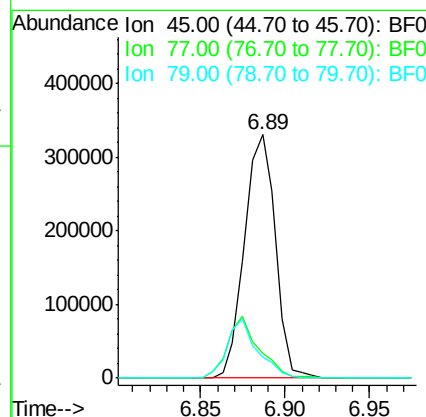
Manual Integrations
APPROVED

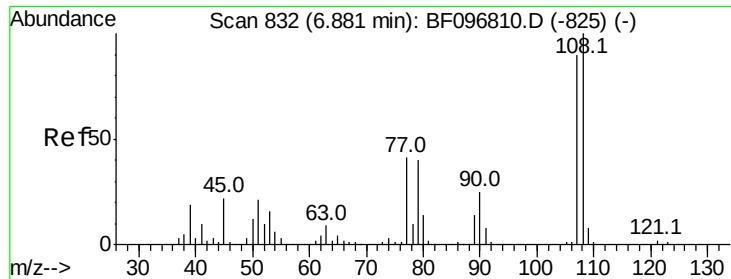
mohammad
7/19/2017 2:32:09 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.015 ng
RT: 6.89 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.4	0.0	33.2
79	8.3	0.0	30.0





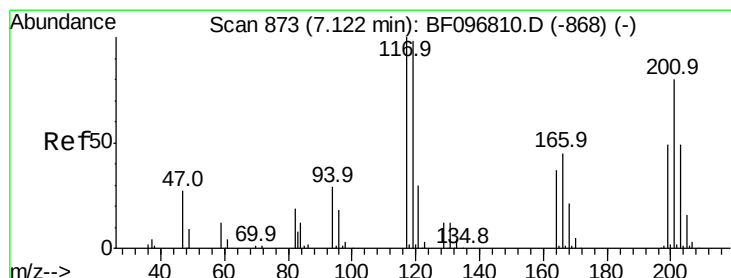
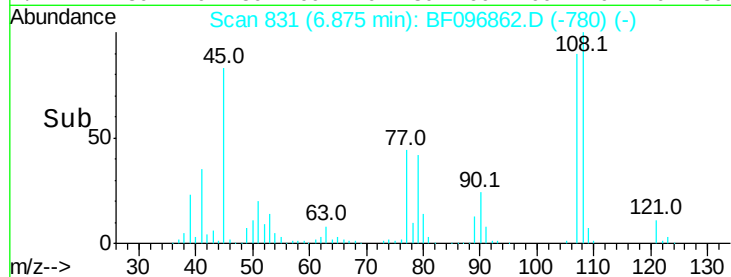
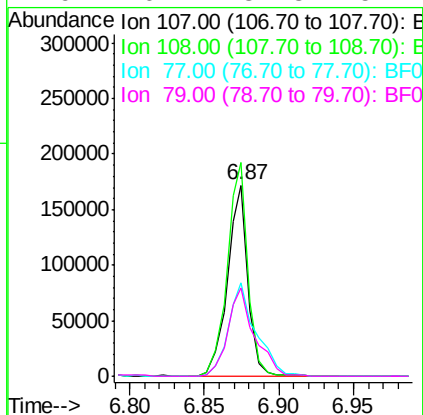
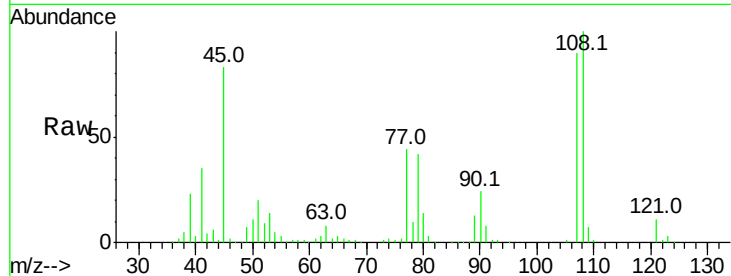
#17
2-Methylphenol
Concen: 37.669 ng
RT: 6.87 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion:	107	Resp:	167297
Ion Ratio	Lower	Upper	
107	100		
108	111.6	93.4	140.0
77	48.8	35.8	53.6
79	46.4	34.8	52.2

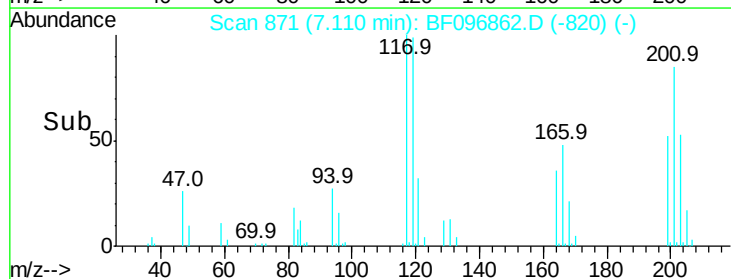
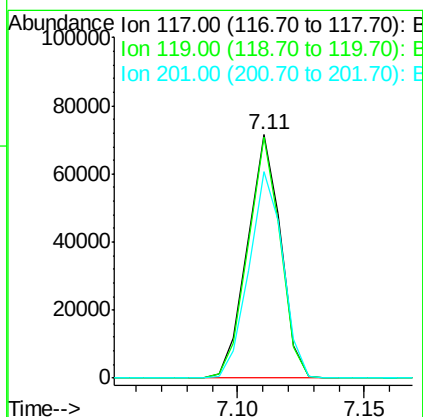
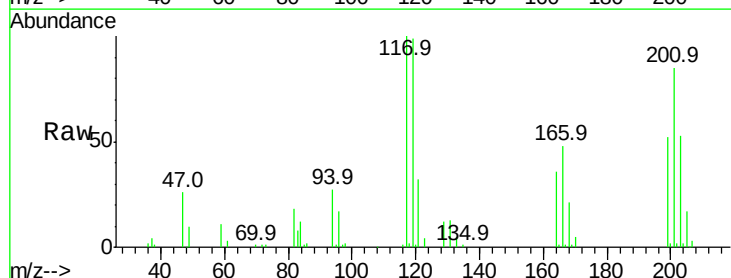
Manual Integrations
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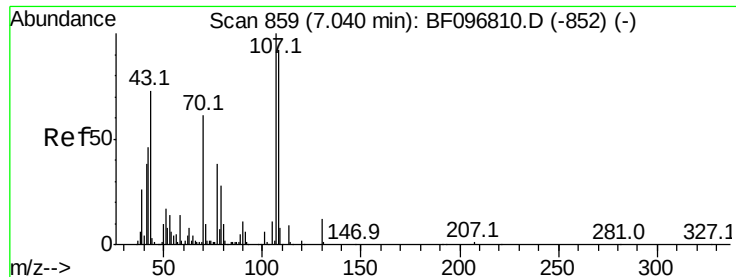
mohammad
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#18
Hexachloroethane
Concen: 29.816 ng
RT: 7.11 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion:	117	Resp:	65000
Ion Ratio	Lower	Upper	
117	100		
119	98.9	77.4	116.0
201	84.7	94.6	141.8#





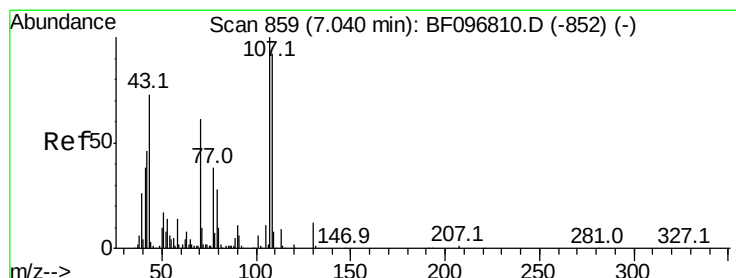
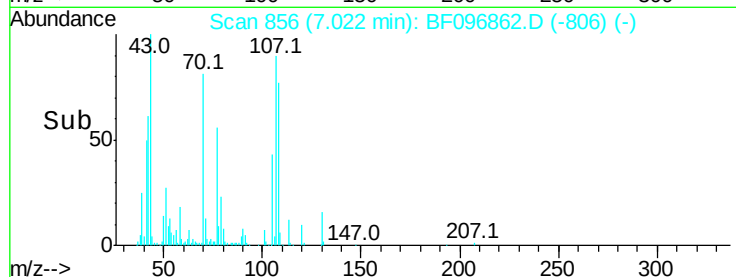
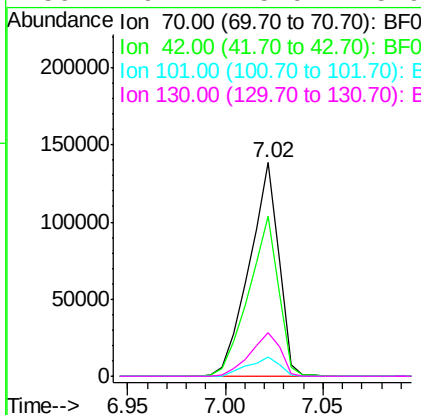
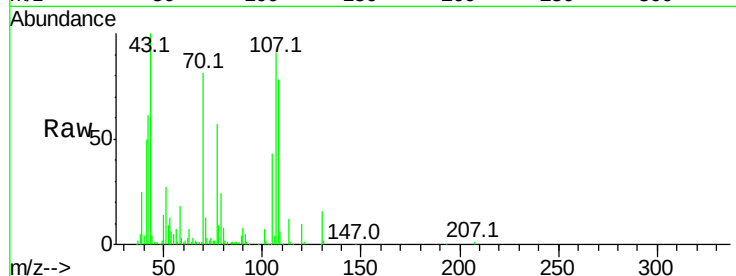
#19
n-Nitroso-di-n-propylamine
Concen: 37.819 ng
RT: 7.02 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.2	47.2	70.8#
101	9.1	7.2	10.8
130	20.4	15.9	23.9

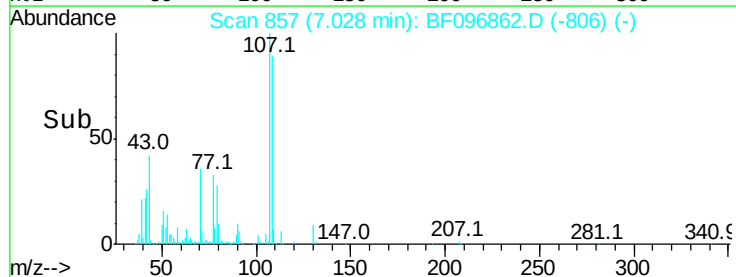
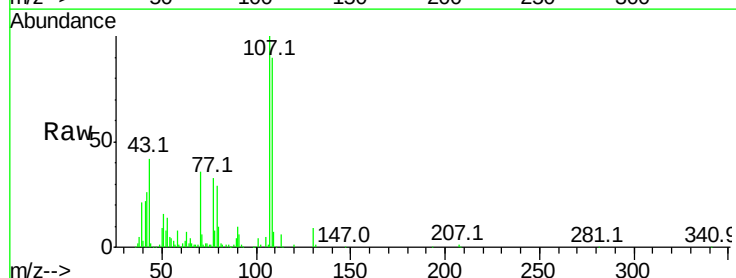
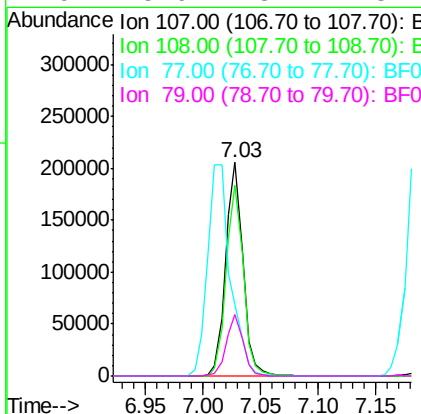
Manual Integrations
APPROVED

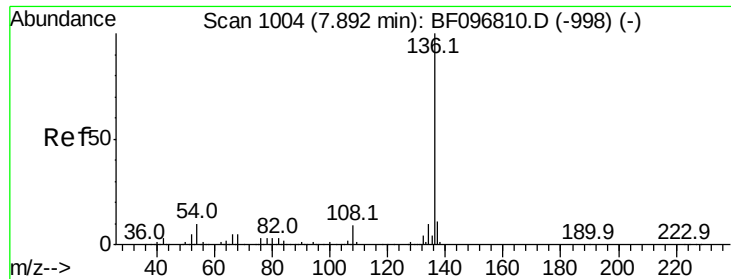
mohammad
7/19/2017 2:32:09 PM



#20
3+4-Methylphenols
Concen: 39.612 ng
RT: 7.03 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.0	111.0
77	33.4	90.5	130.5#
79	28.6	8.4	48.4





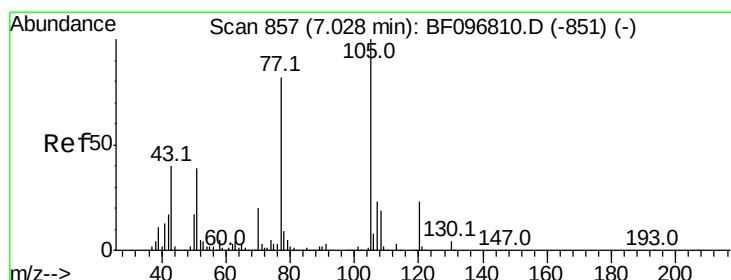
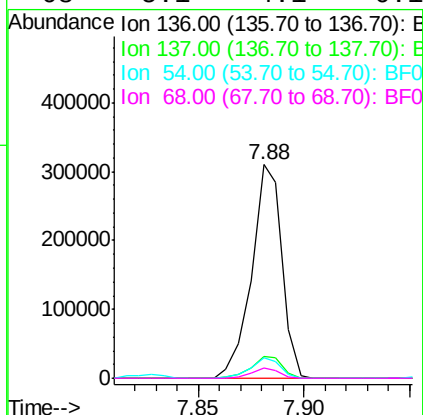
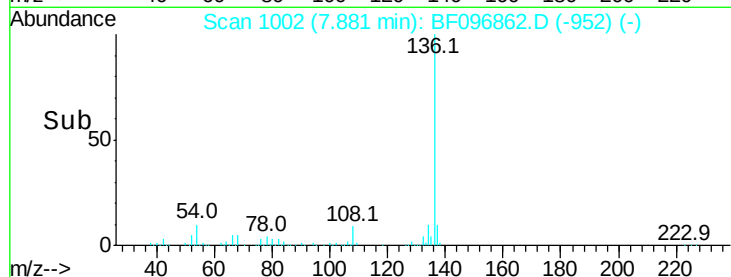
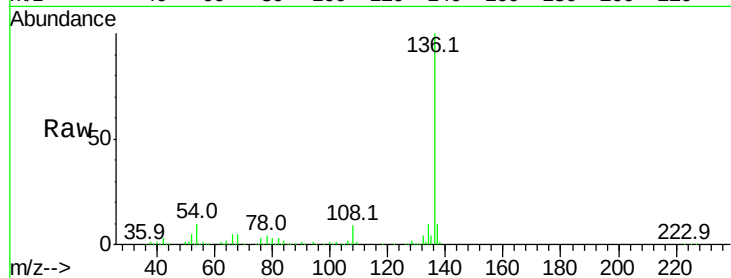
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	308133		
137	10.4	8.5	12.7	
54	9.7	4.9	7.3	
68	5.1	4.1	6.1	

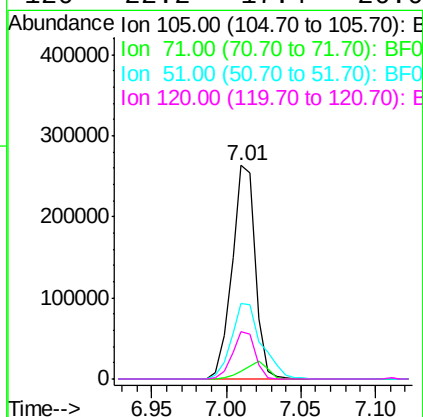
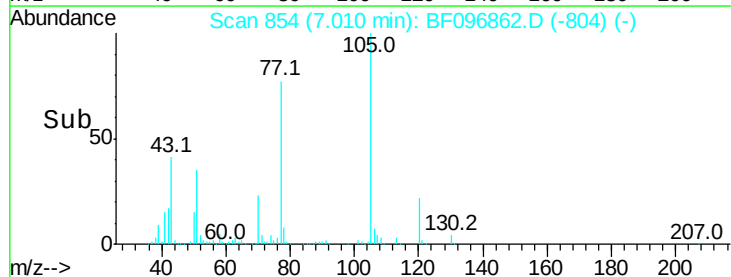
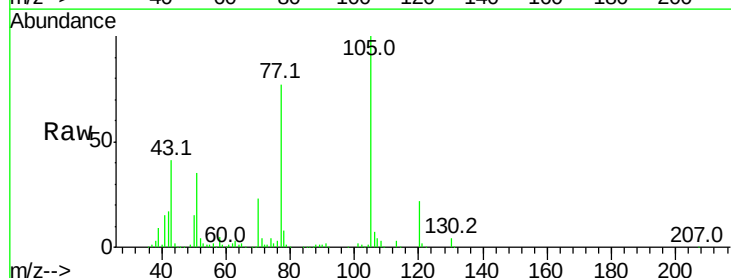
Manual Integrations
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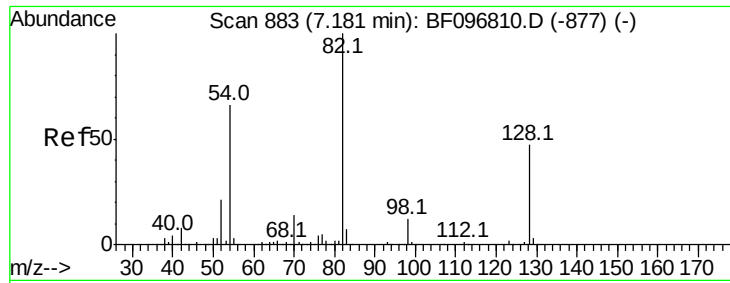
mohammad
7/19/2017 2:32:09 PM



#22
Acetophenone
Concen: 41.971 ng
RT: 7.01 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	289049		
71	3.5	2.8	4.2	
51	35.3	30.7	46.1	
120	22.2	17.4	26.0	





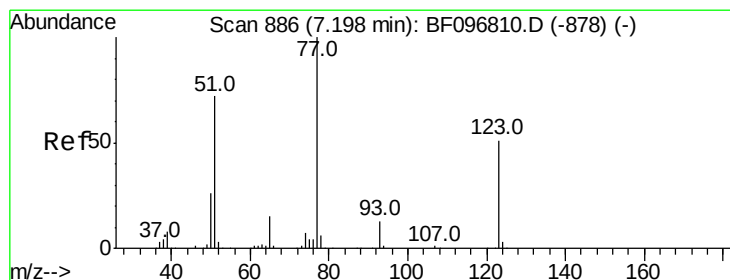
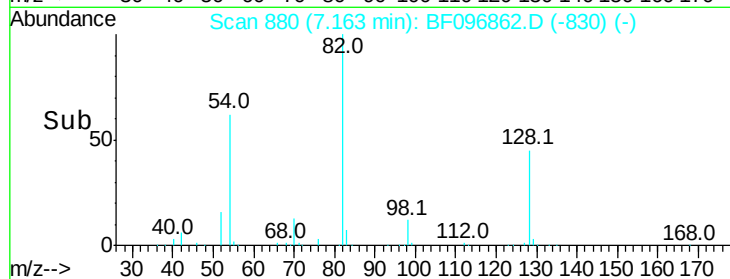
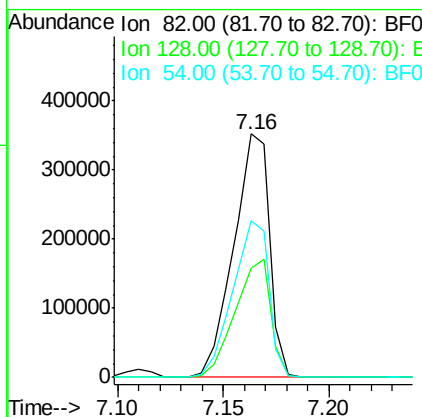
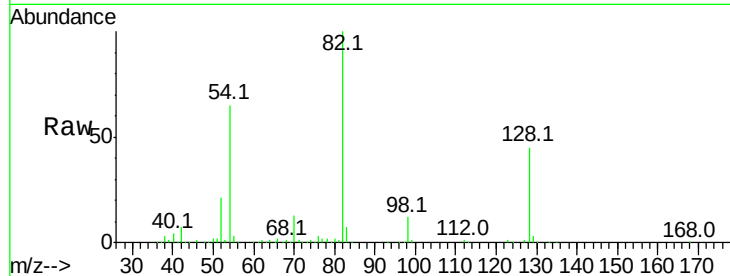
#23
 Nitrobenzene-d5
 Concen: 83.292 ng
 RT: 7.16 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	64.5	42.2	63.2#

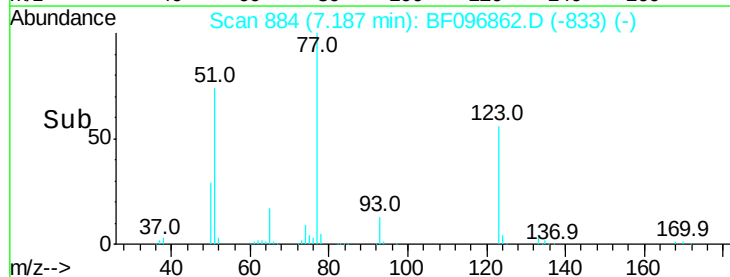
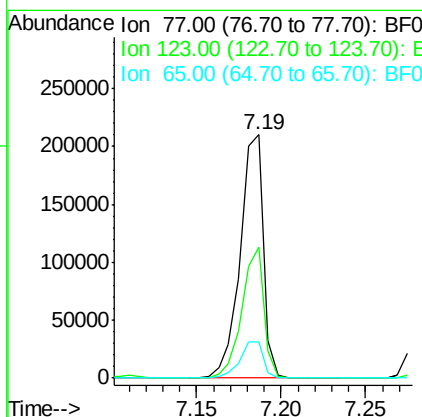
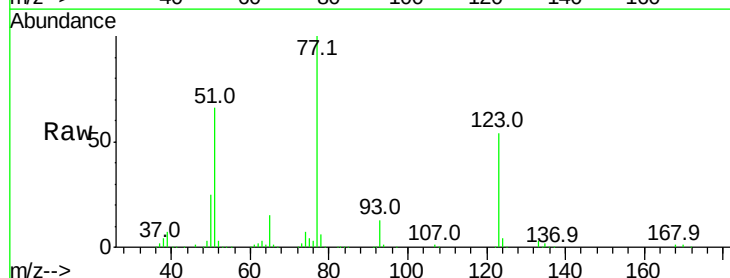
Manual Integrations
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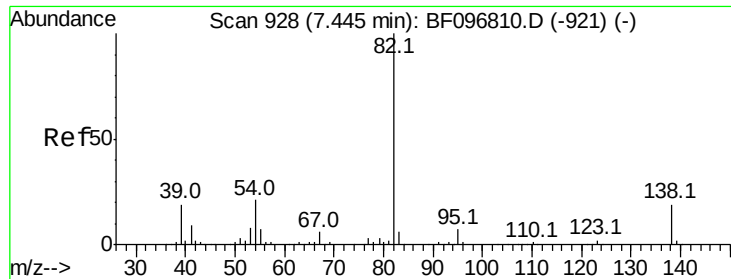
mohammad
 7/19/2017 2:32:09 PM



#24
 Nitrobenzene
 Concen: 39.343 ng
 RT: 7.19 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.0	35.8	53.8#
65	14.9	10.6	15.8





#25

Isophorone

Concen: 39.976 ng

RT: 7.43 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

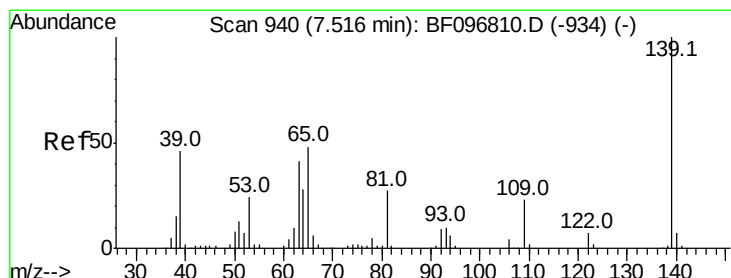
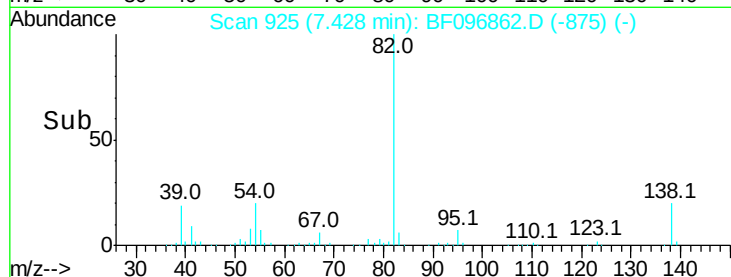
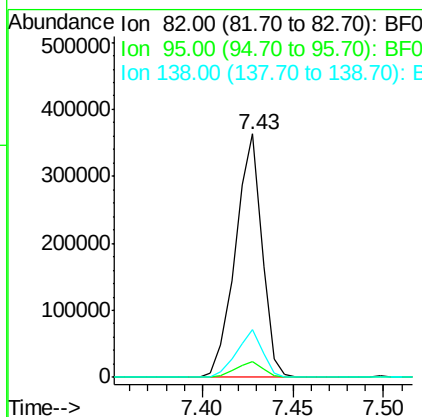
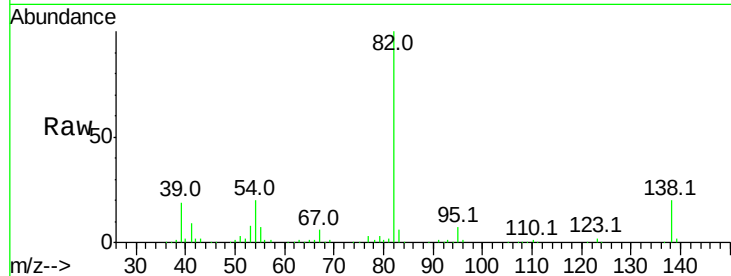
ClientSampleId :

PB100719BSD

Tot Ion:	82	Resp:	369949
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.8	13.1	19.7#

Manual Integrations
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7/19/2017 2:32:09 PM



#26

2-Nitrophenol

Concen: 27.714 ng

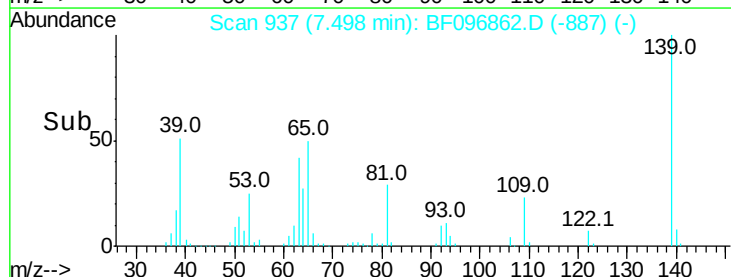
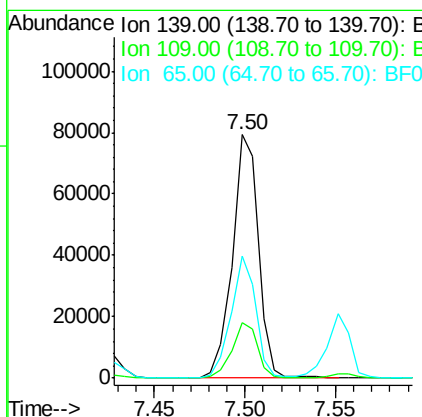
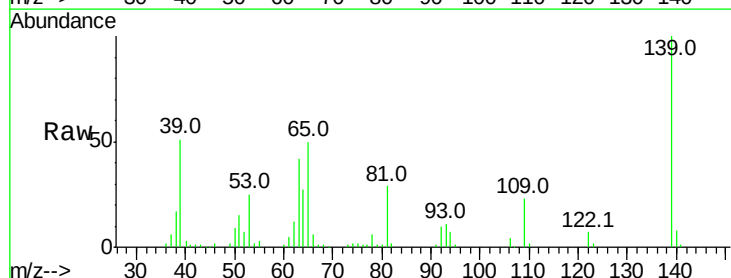
RT: 7.50 min Scan# 937

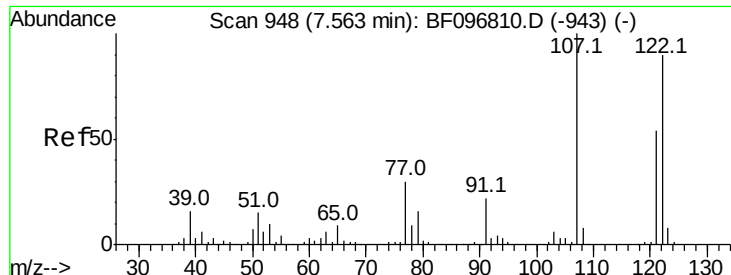
Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Tgt Ion:	139	Resp:	79284
Ion Ratio	Lower	Upper	
139	100		
109	22.5	21.0	31.6
65	50.2	33.0	49.6#





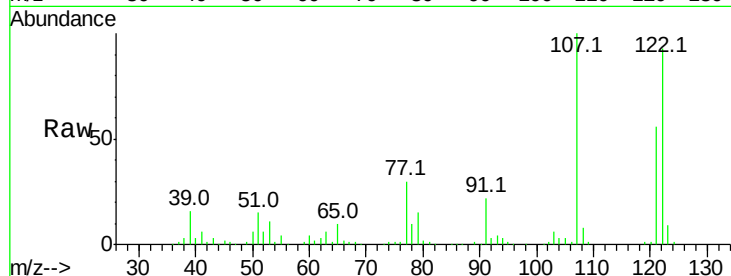
#27
2,4-Dimethylphenol
Concen: 39.786 ng
RT: 7.55 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

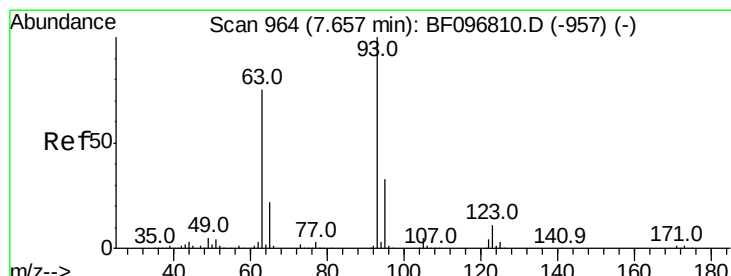
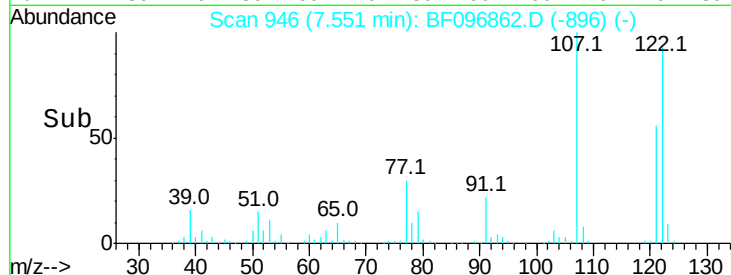
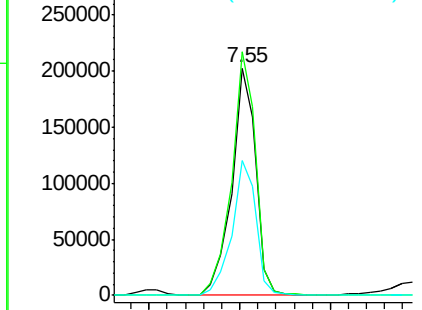
Tot Ion	Ratio	Resp	Lower	Upper
122	100	187246		
107	107.0	89.2	133.8	
121	59.4	45.2	67.8	

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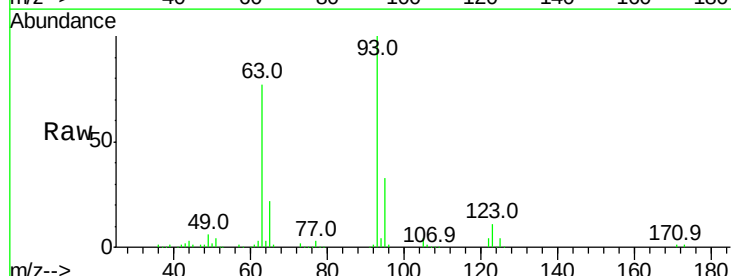


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

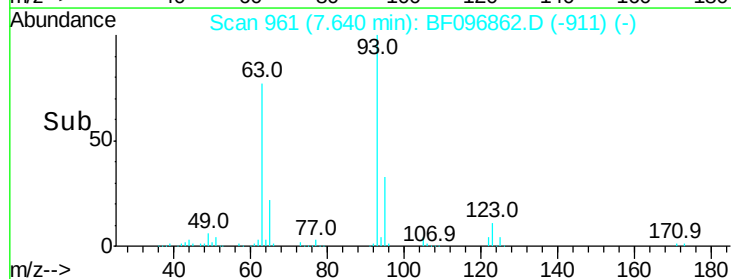
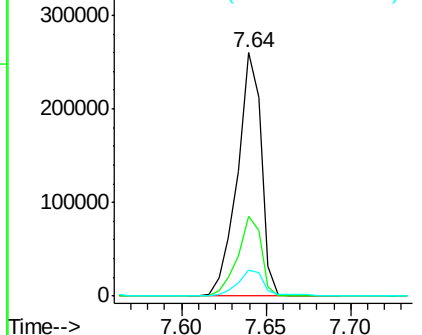


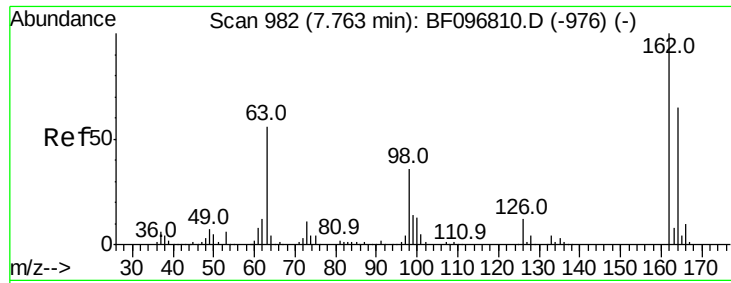
#28
bis(2-Chloroethoxy)methane
Concen: 40.893 ng
RT: 7.64 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	255722		
95	32.9	26.5	39.7	
123	10.6	9.0	13.4	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





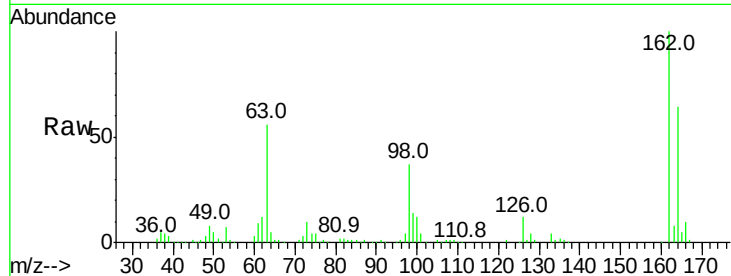
#29
 2,4-Dichlorophenol
 Concen: 38.469 ng
 RT: 7.75 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

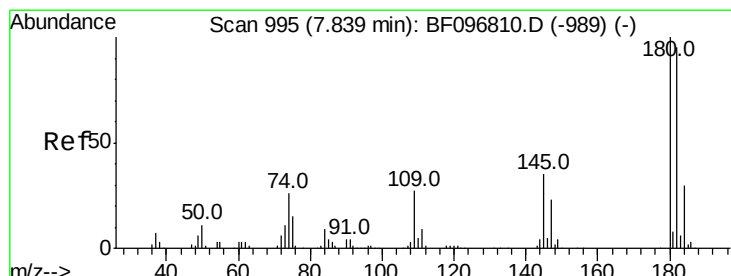
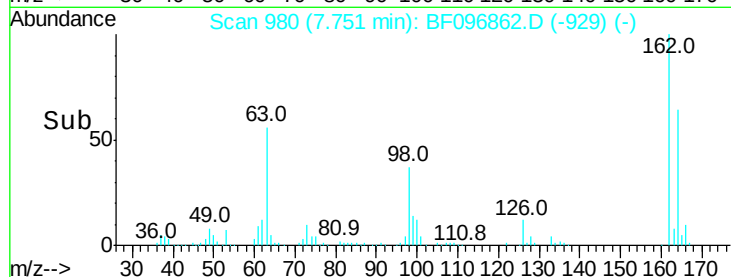
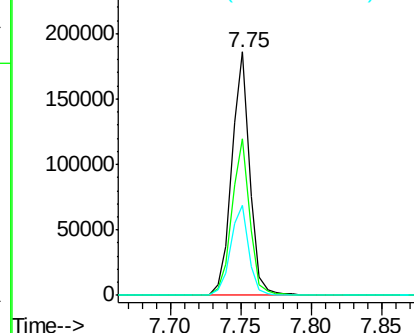
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.2	44.6	84.6
98	36.9	14.8	54.8

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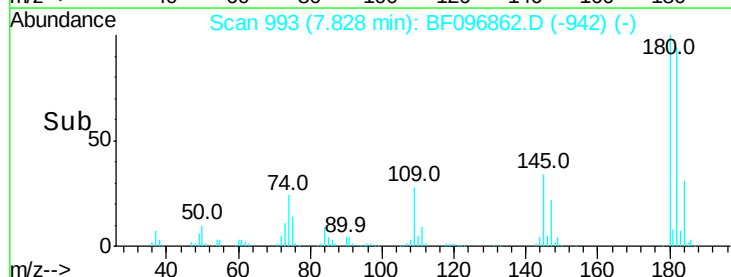
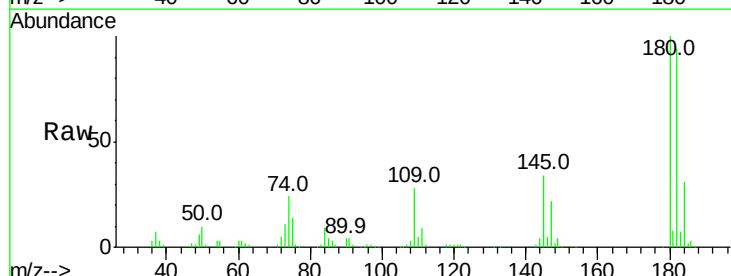
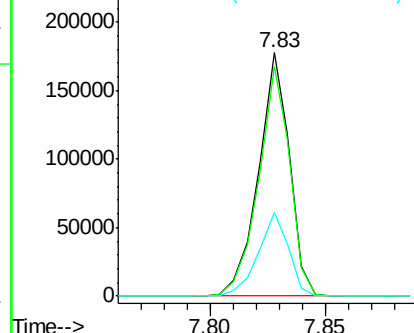
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

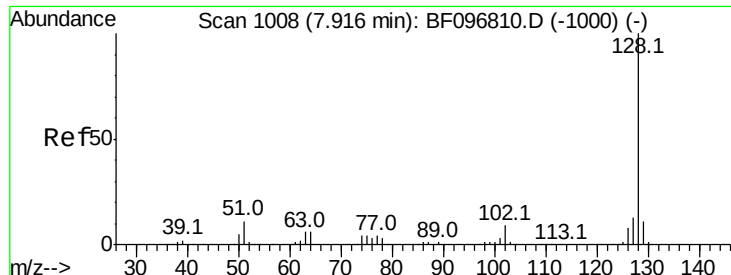


#30
 1,2,4-Trichlorobenzene
 Concen: 40.906 ng
 RT: 7.83 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.2	75.8	113.6
145	34.3	25.3	37.9

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





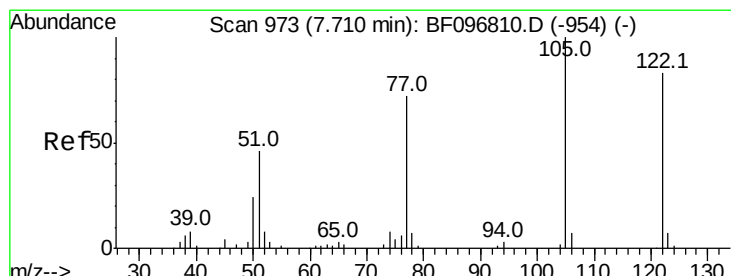
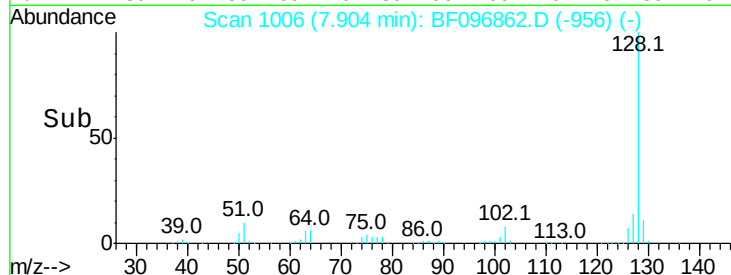
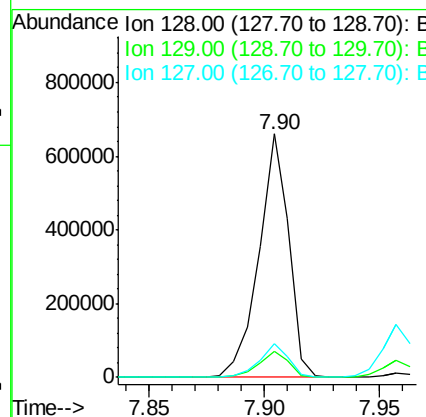
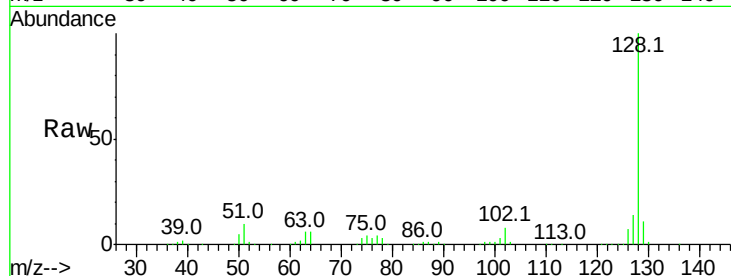
#31
Naphthalene
Concen: 40.804 ng
RT: 7.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	9.0	13.6	
127	13.6	10.8	16.2	

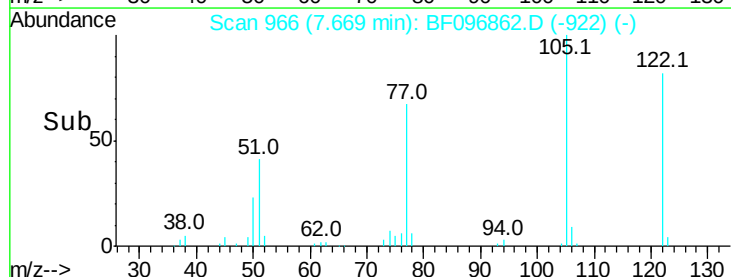
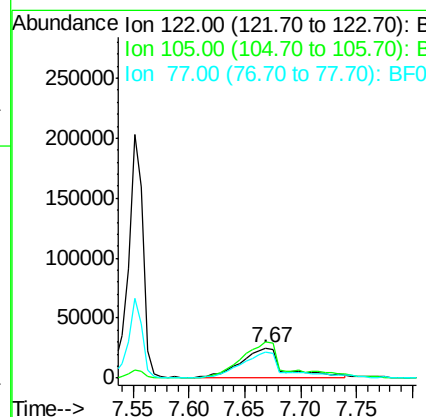
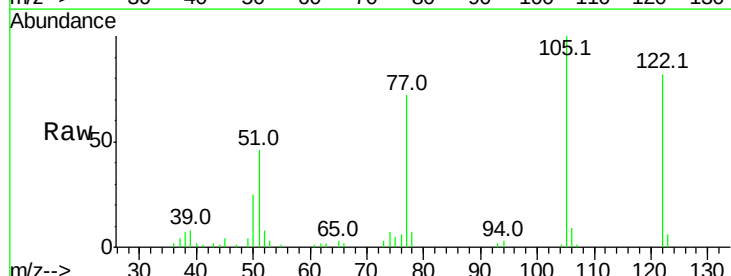
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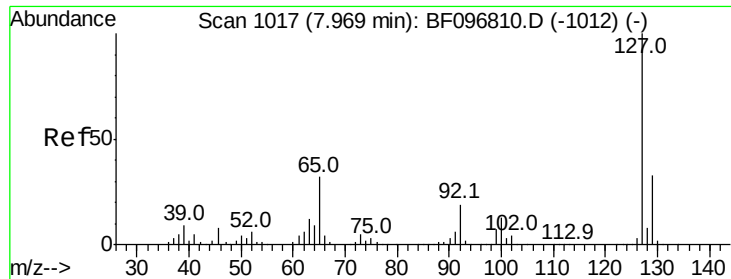
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#32
Benzoic acid
Concen: 23.248 ng m
RT: 7.67 min Scan# 966
Delta R.T. -0.04 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.4	103.3	143.3	
77	88.3	73.7	113.7	





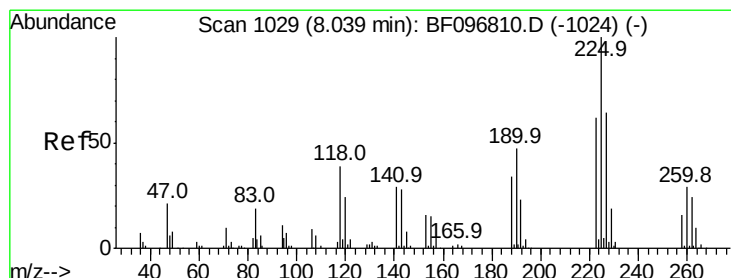
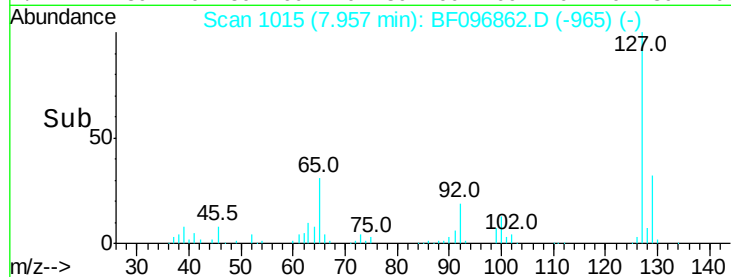
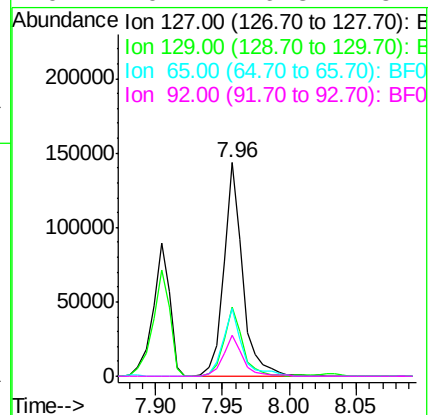
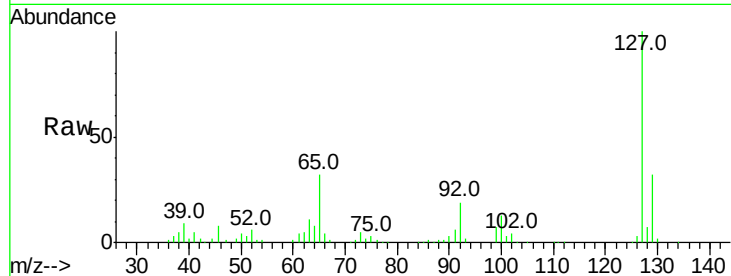
#33
4-Chloroaniline
Concen: 24.662 ng
RT: 7.96 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.2	39.2		
65	31.6	27.8	41.8		
92	19.2	16.8	25.2		

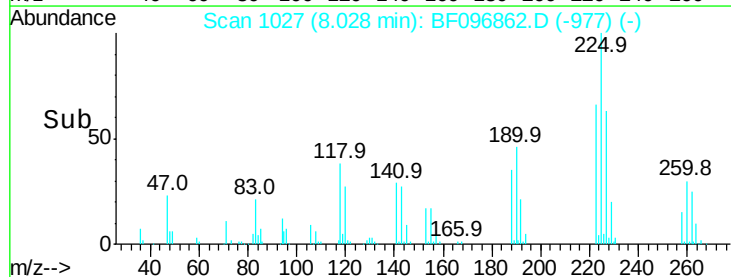
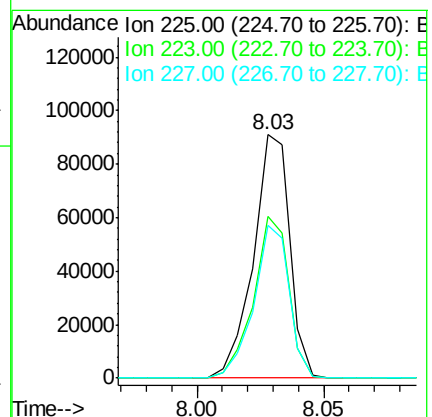
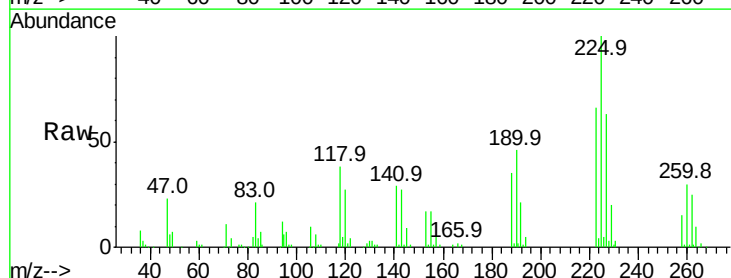
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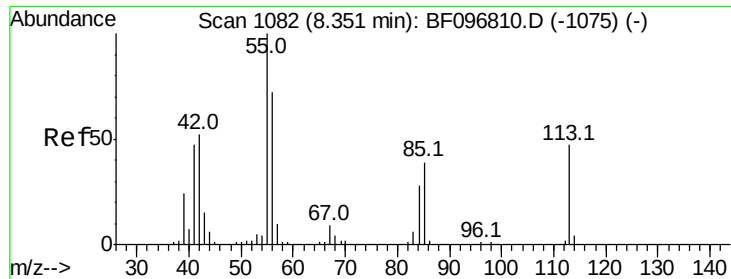
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#34
Hexachlorobutadiene
Concen: 42.051 ng
RT: 8.03 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.3	48.8	73.2		
227	63.0	51.1	76.7		





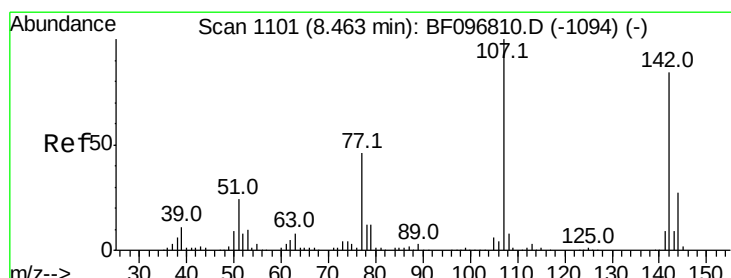
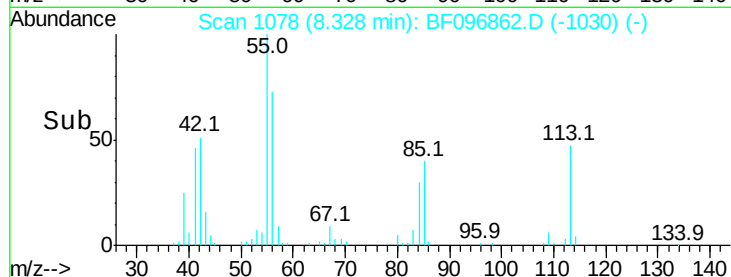
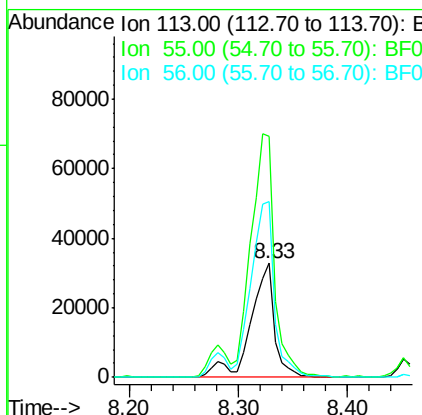
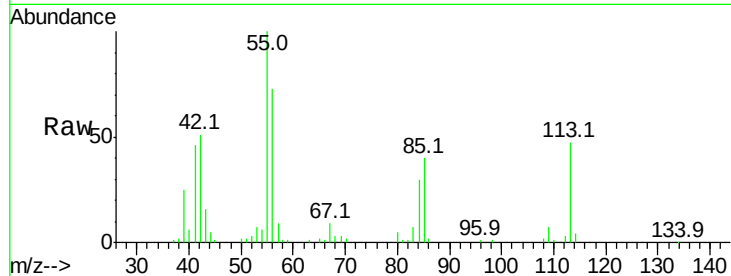
#35
 Caprolactam
 Concen: 36.242 ng/ml
 RT: 8.33 min Scan# 1078
 Delta R.T. -0.02 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleID :
 PB100719BSD

Tot Ion:113 Resp: 49471
 Ion Ratio Lower Upper
 113 100
 55 211.7 150.2 190.2#
 56 153.7 107.8 147.8#

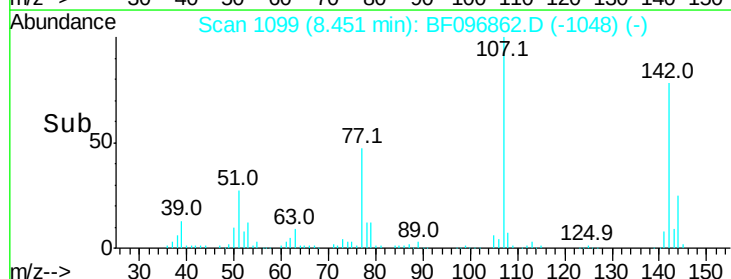
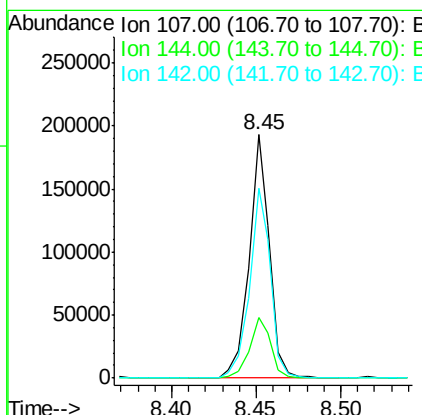
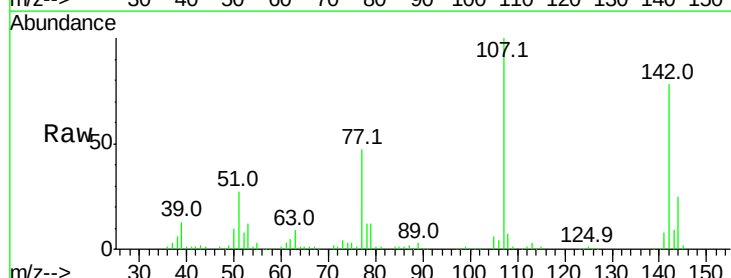
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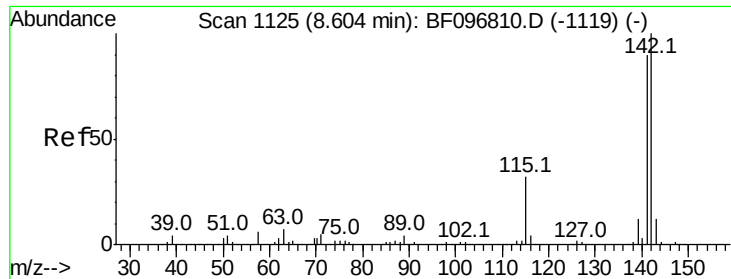
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#36
 4-Chloro-3-methylphenol
 Concen: 35.292 ng/ml
 RT: 8.45 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion:107 Resp: 161663
 Ion Ratio Lower Upper
 107 100
 144 24.7 24.2 36.4
 142 77.9 73.4 110.0





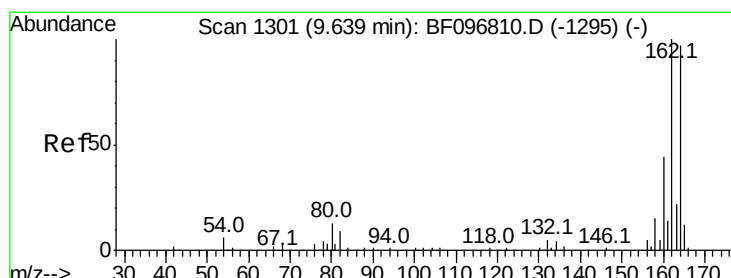
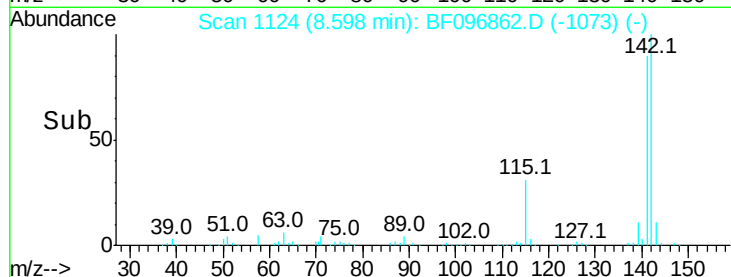
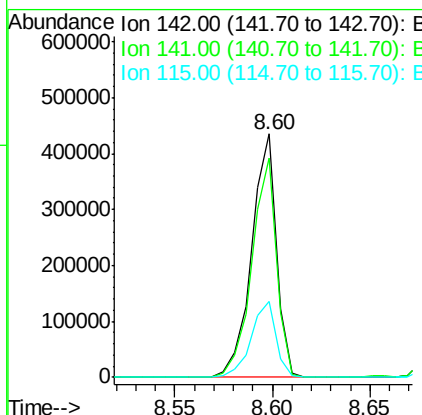
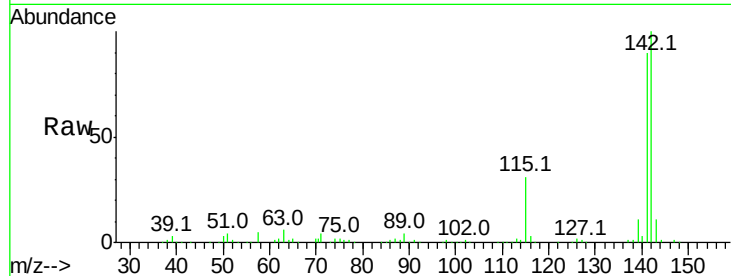
#37
2-Methylnaphthalene
Concen: 41.242 ng
RT: 8.60 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	31.3	27.1	40.7

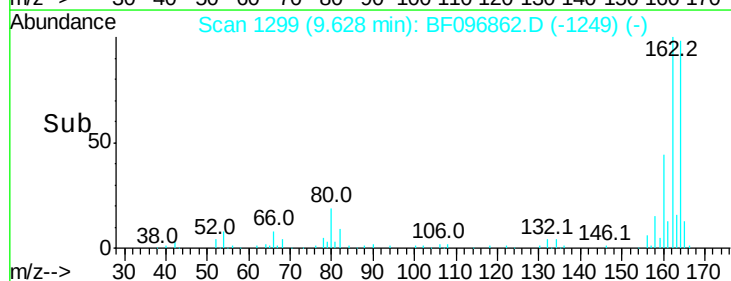
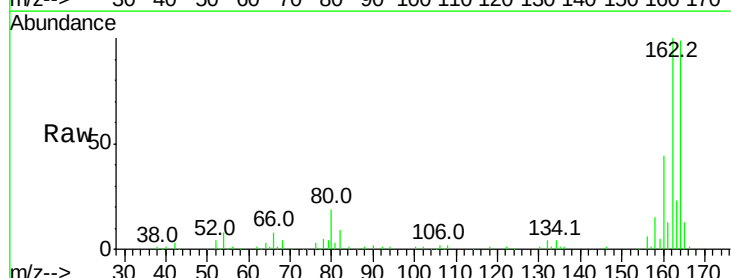
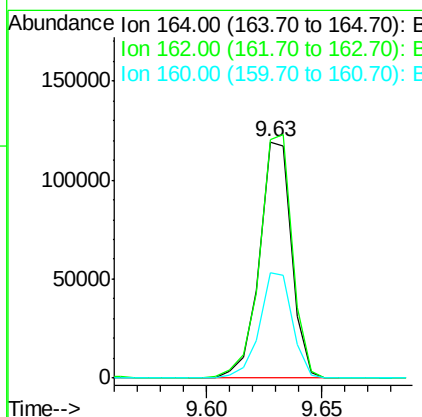
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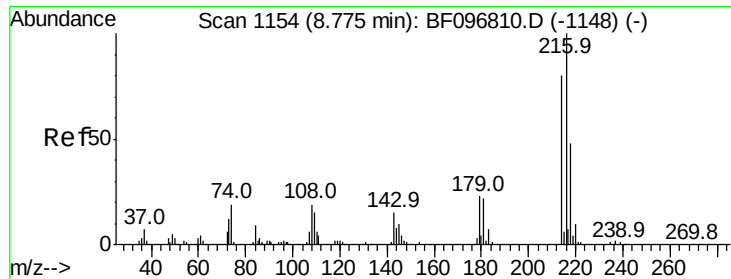
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	44.9	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.323 ng

RT: 8.76 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

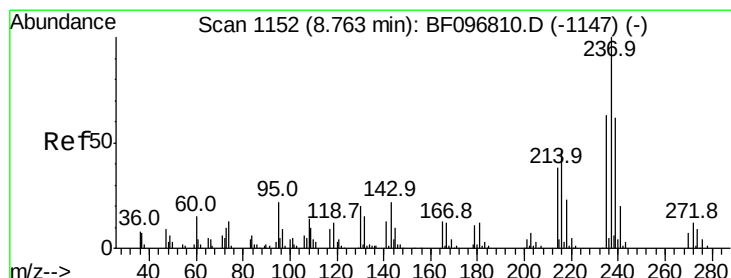
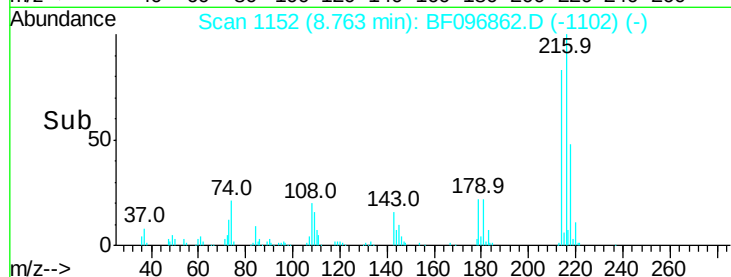
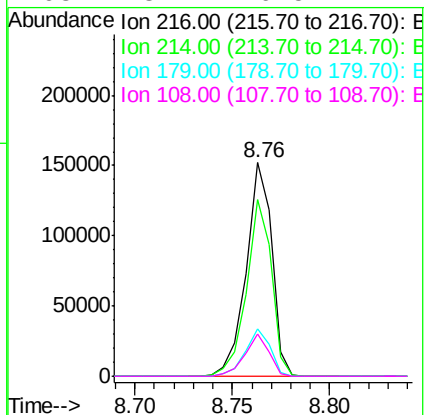
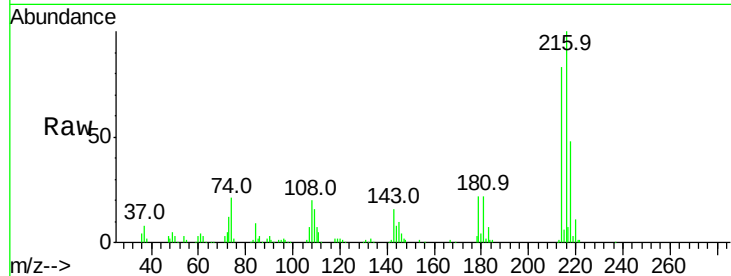
ClientSampleId :

PB100719BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	138984		
214	79.9	63.4	95.2	
179	21.9	17.9	26.9	
108	18.7	16.5	24.7	

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#40

Hexachlorocyclopentadiene

Concen: 11.111 ng

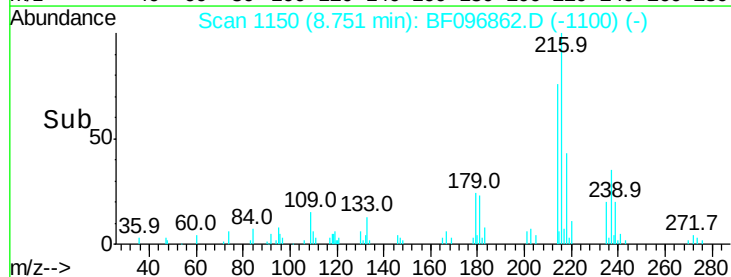
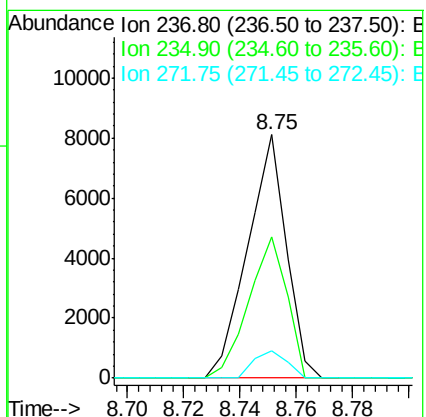
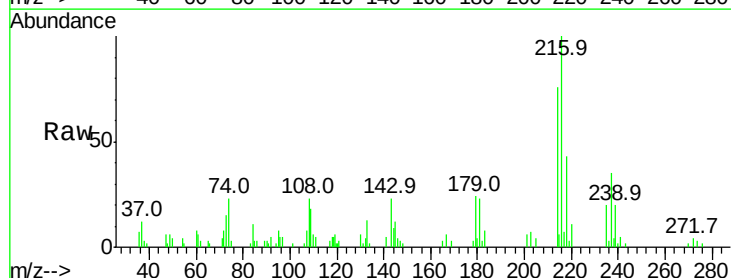
RT: 8.75 min Scan# 1150

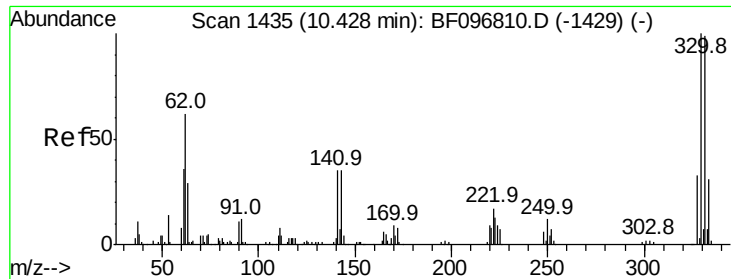
Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	7706		
235	58.2	42.6	82.6	
272	11.0	0.0	31.9	





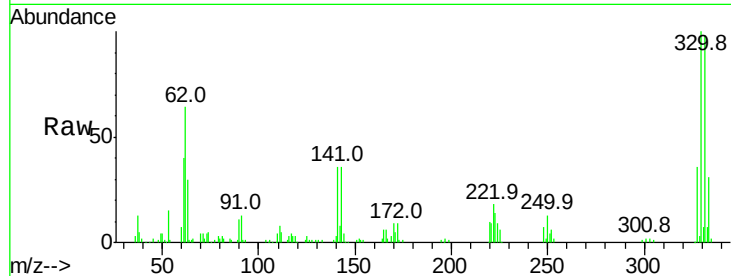
#41
 2,4,6-Tribromophenol
 Concen: 74.952 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	36.3	31.4	47.2

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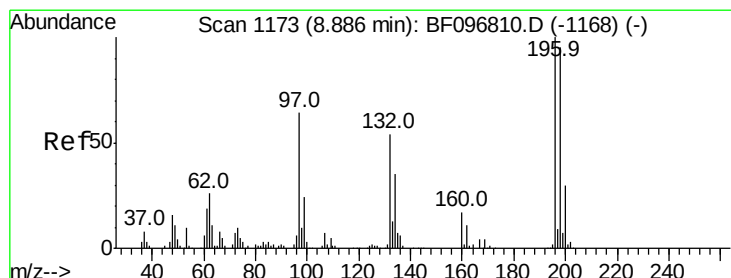
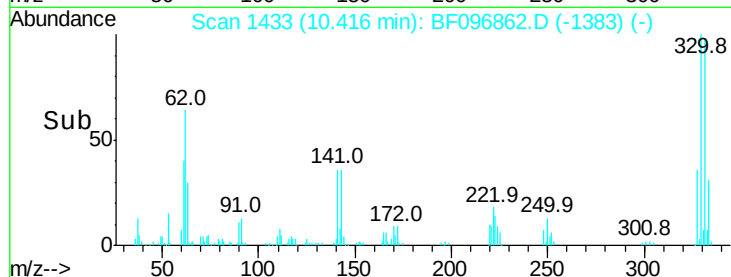
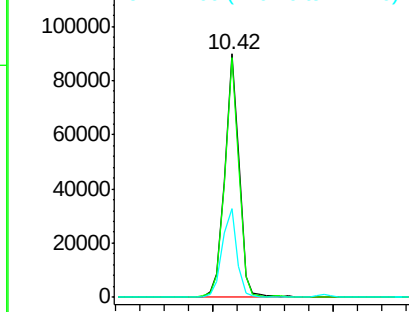


Abundance

Ion 329.80 (329.50 to 330.50): E

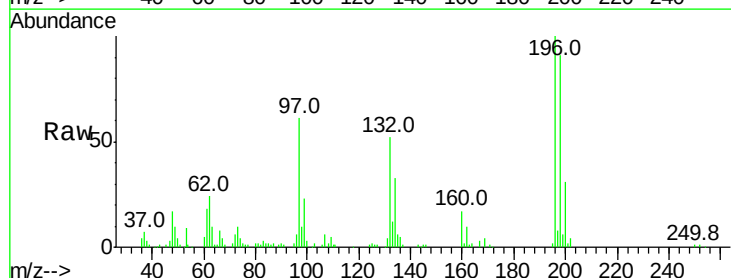
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.639 ng
 RT: 8.88 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.9	74.2	111.4
200	30.5	24.0	36.0

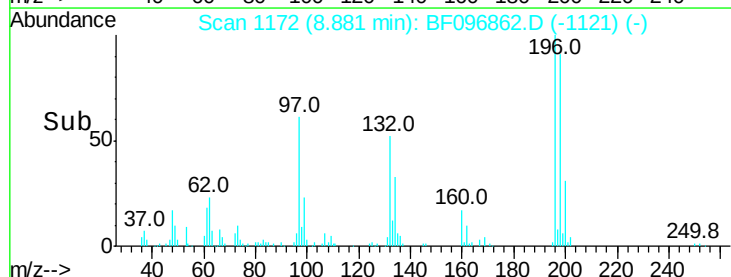
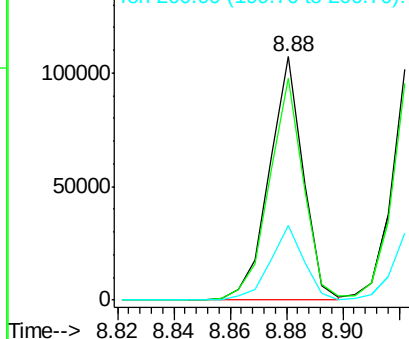


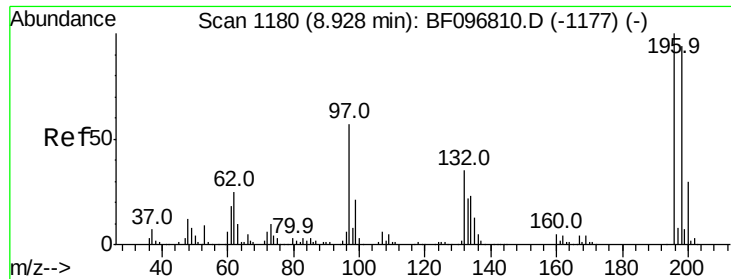
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





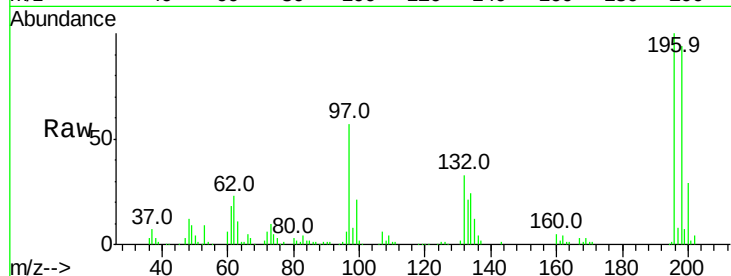
#43
 2,4,5-Trichlorophenol
 Concen: 39.422 ng
 RT: 8.92 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

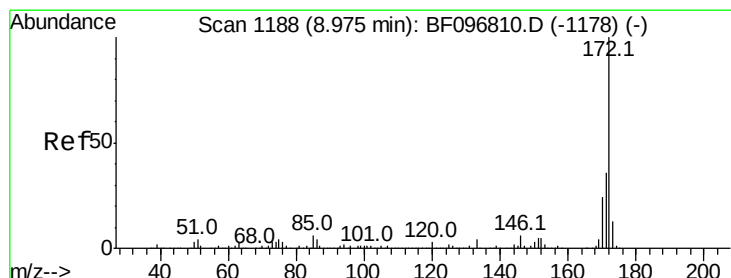
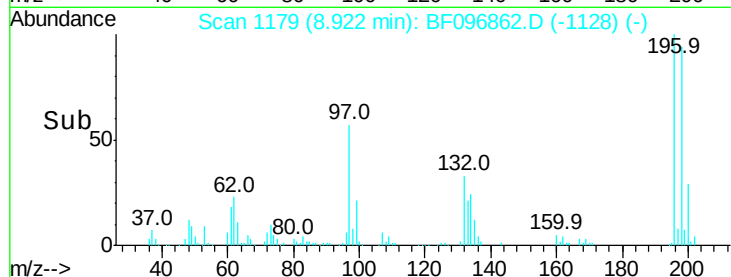
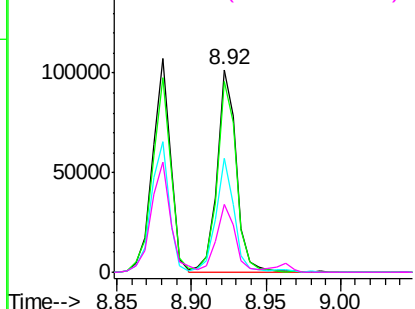
Tot Ion:	196	Resp:	91960
Ion Ratio	Lower	Upper	
196	100		
198	94.0	75.7	113.5
97	56.5	47.7	71.5
132	33.4	28.0	42.0

Manual Integrations
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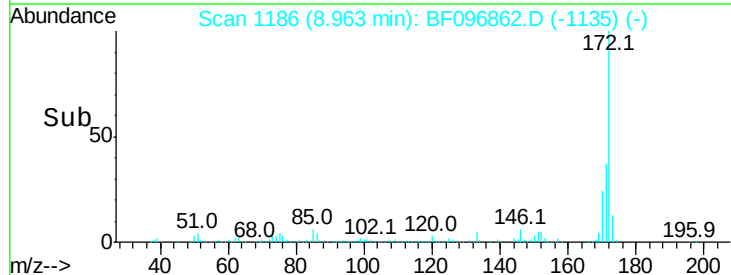
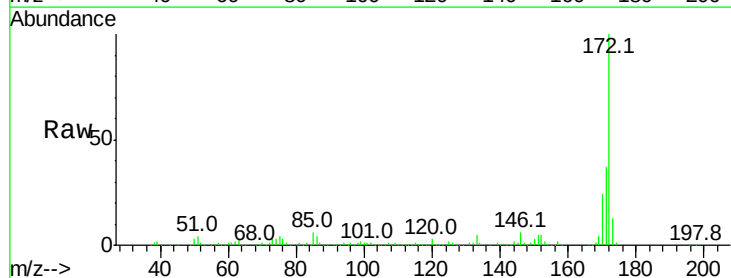
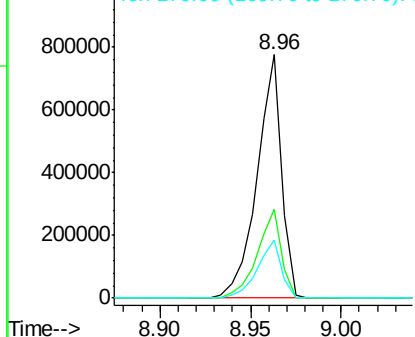
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

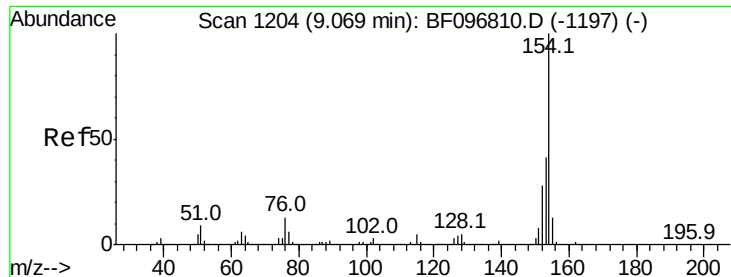


#44
 2-Fluorobiphenyl
 Concen: 99.086 ng
 RT: 8.96 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion:	172	Resp:	727488
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.6	44.4
170	23.6	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





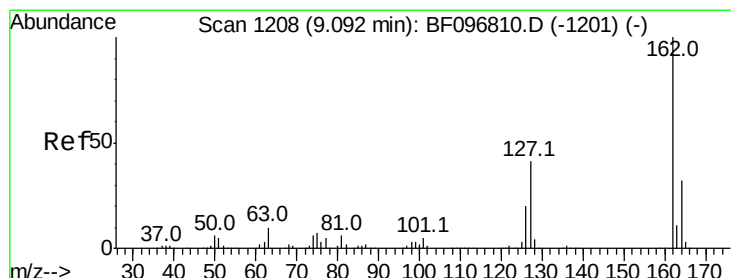
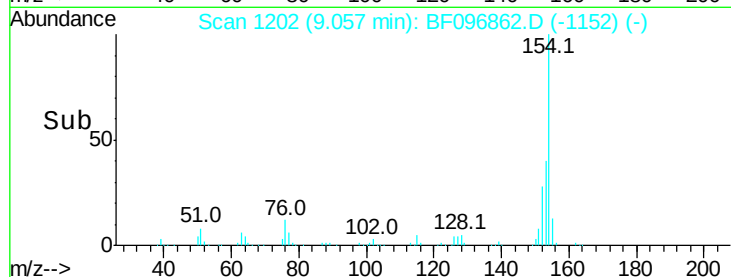
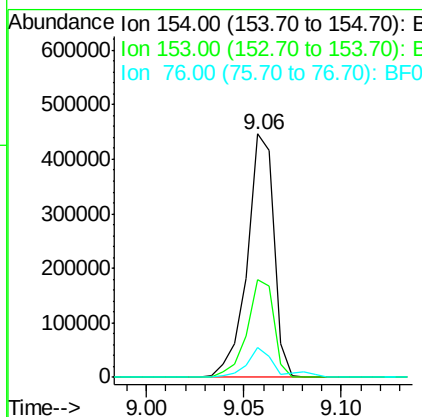
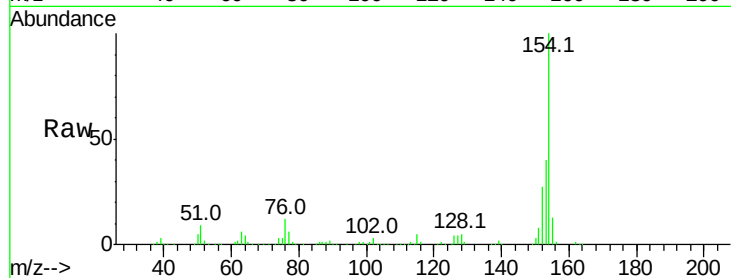
#45
 1,1'-Biphenyl
 Concen: 42.494 ng
 RT: 9.06 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.0	21.2	61.2	
76	12.1	0.0	29.9	

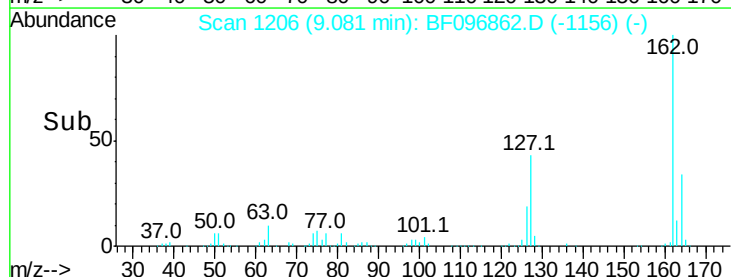
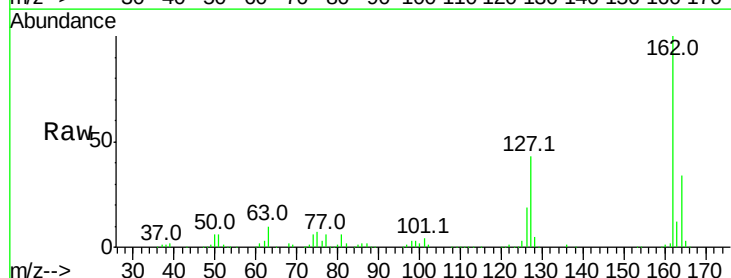
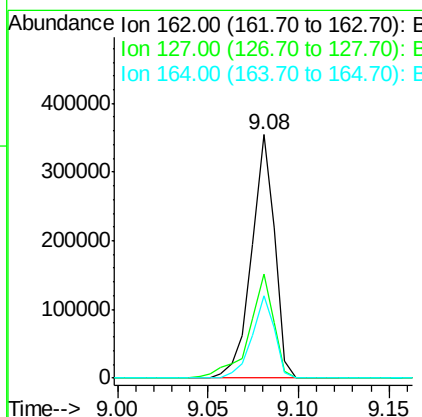
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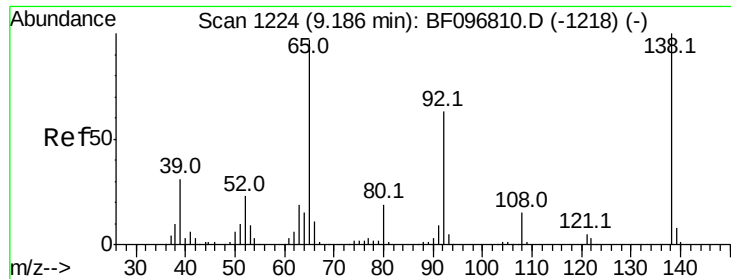
mohammad
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#46
 2-Chloronaphthalene
 Concen: 42.501 ng
 RT: 9.08 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.8	28.3	42.5#	
164	33.6	27.0	40.4	





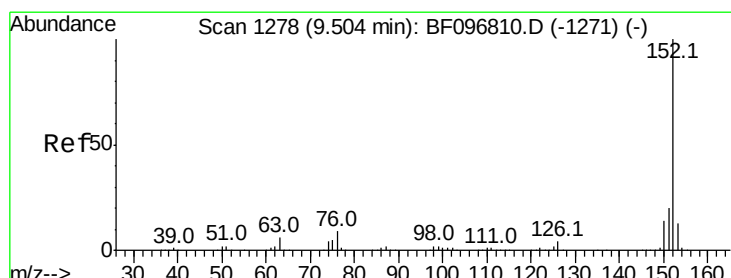
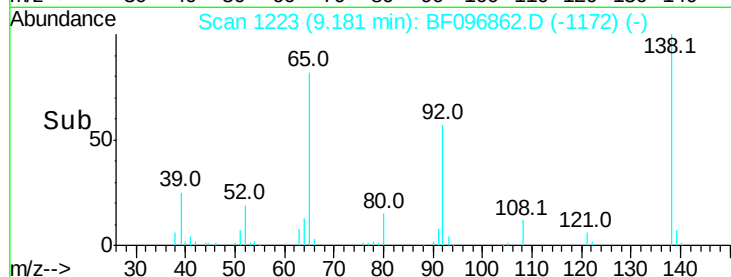
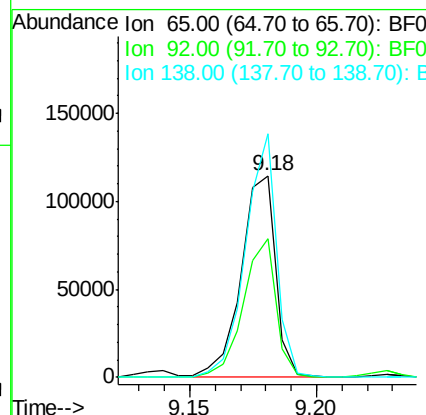
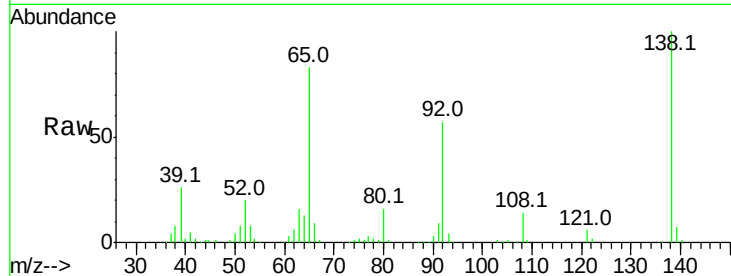
#47
2-Nitroaniline
Concen: 42.788 ng
RT: 9.18 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.9	80.9
138	120.6	78.8	118.2

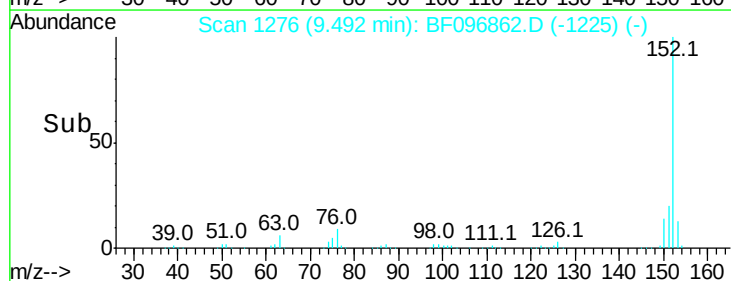
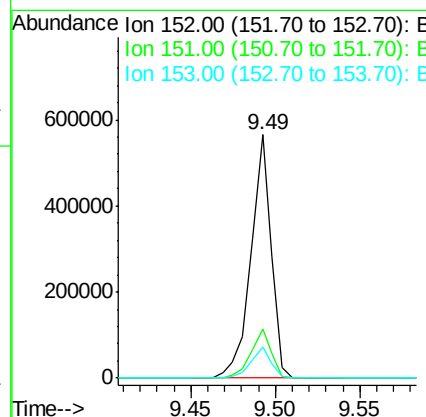
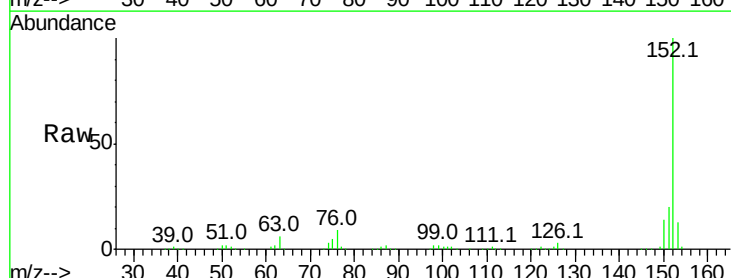
Manual Integrations
APPROVED

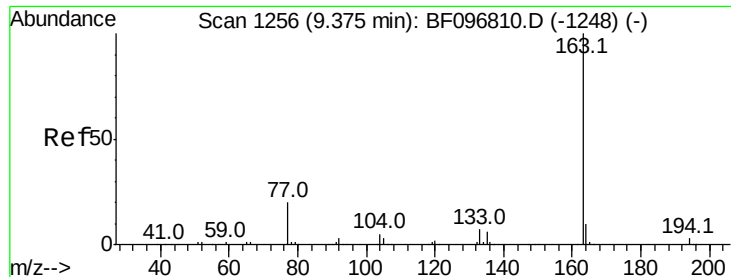
mohammad
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#48
Acenaphthylene
Concen: 40.780 ng
RT: 9.49 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	12.9	10.8	16.2





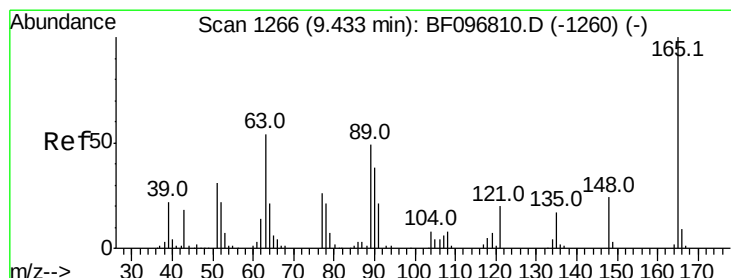
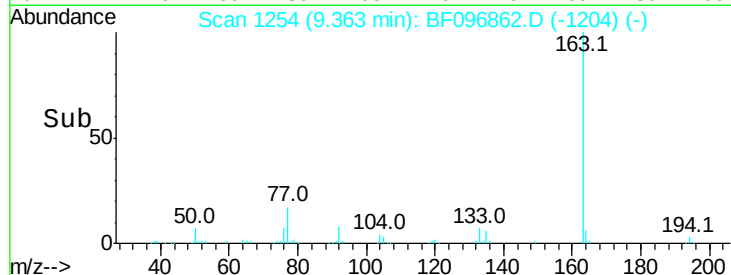
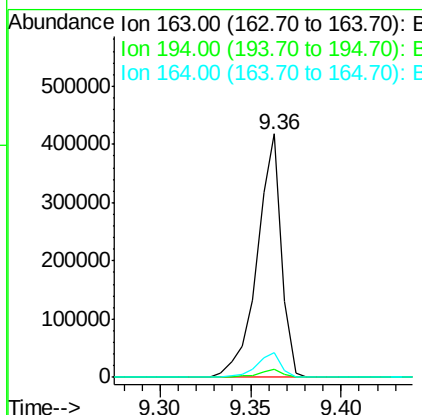
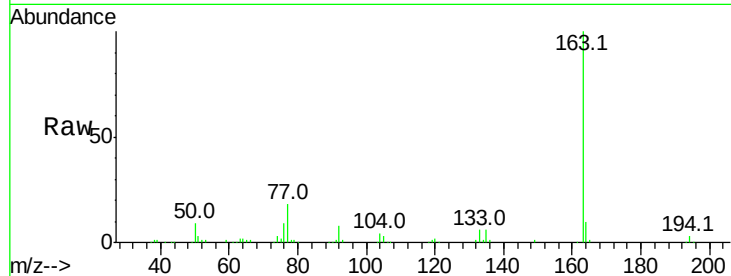
#49
Dimethylphthalate
Concen: 44.288 ng
RT: 9.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.4	12.6

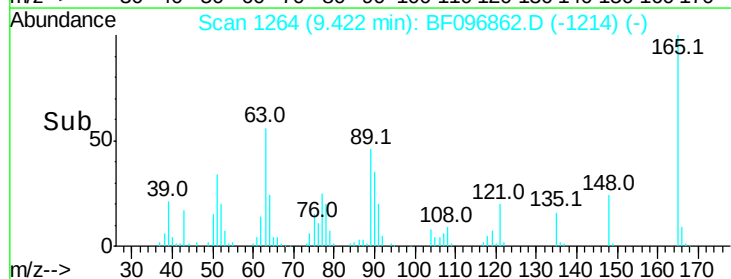
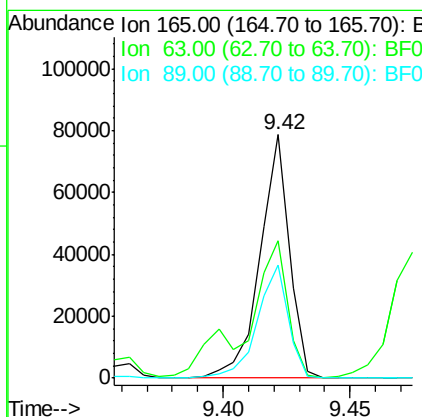
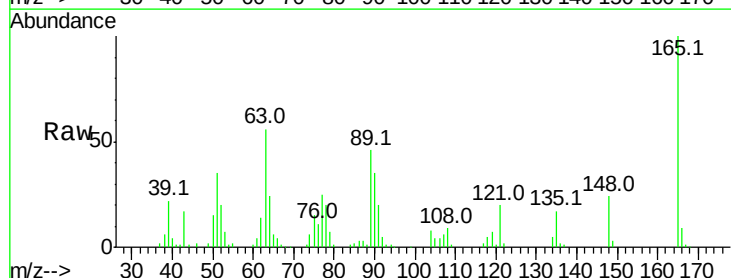
Manual Integrations
APPROVED

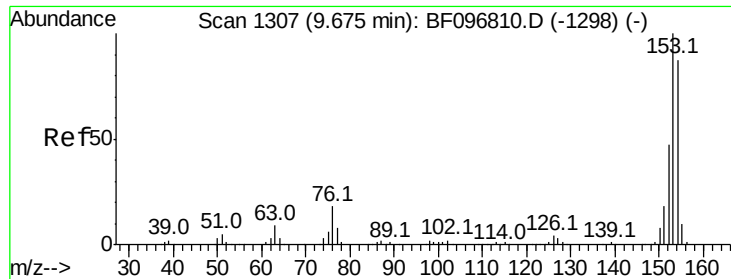
mohammad
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#50
2,6-Dinitrotoluene
Concen: 33.935 ng
RT: 9.42 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	56.2	34.3	51.5#
89	46.4	37.1	55.7





#51

Acenaphthene

Concen: 39.208 ng

RT: 9.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

Tot Ion:154 Resp: 270344

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

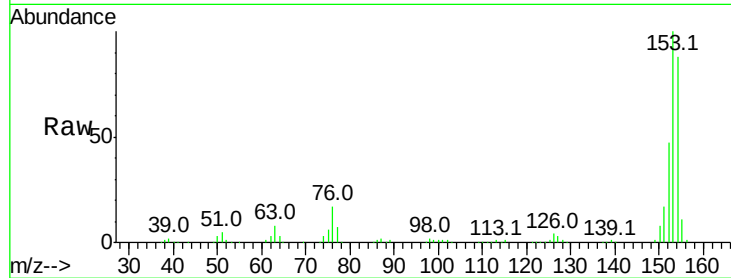
152 54.1 43.6 65.4

Manual Integrations

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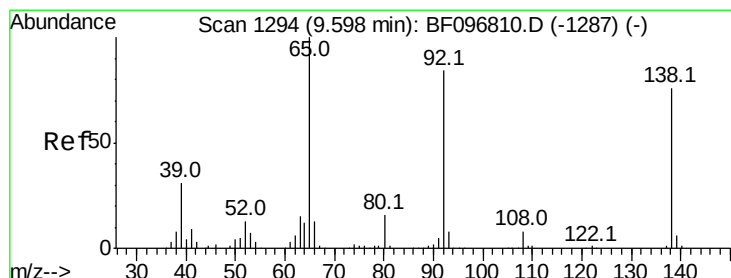
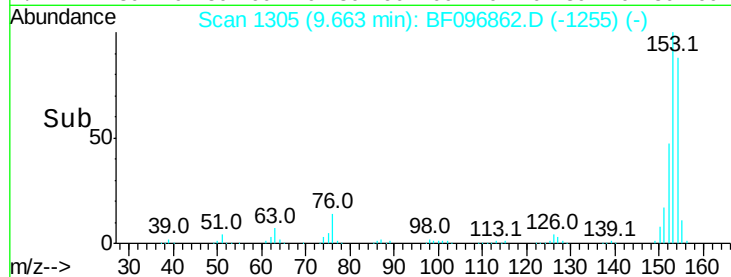
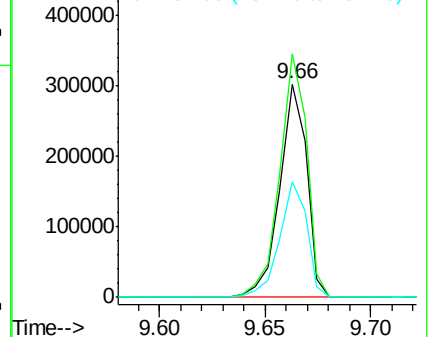
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.361 ng

RT: 9.59 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

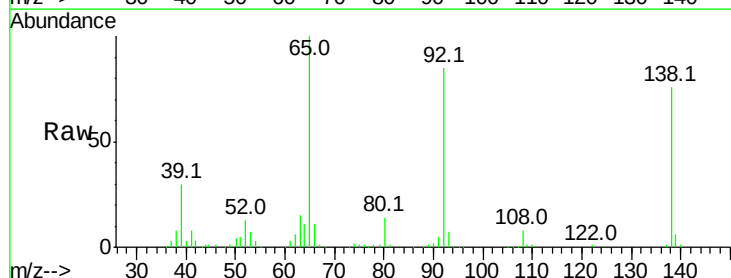
Tgt Ion:138 Resp: 97179

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

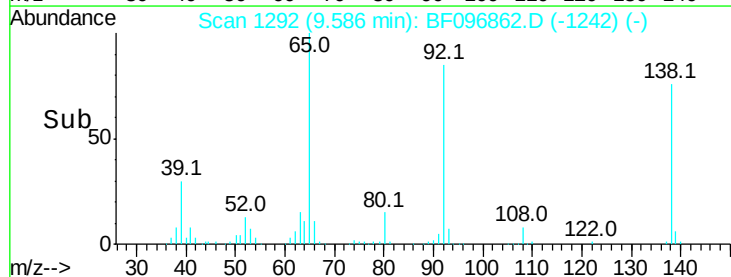
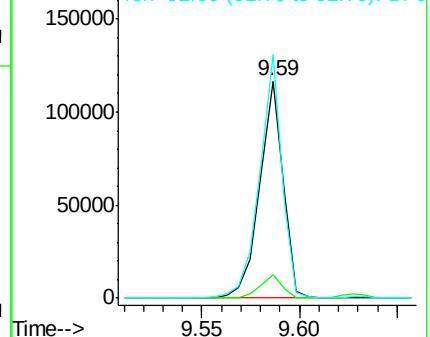
92 112.1 93.8 140.6

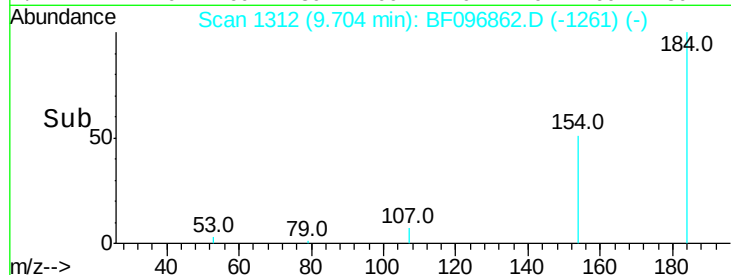
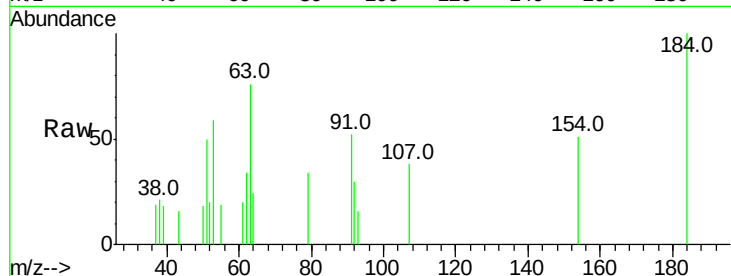
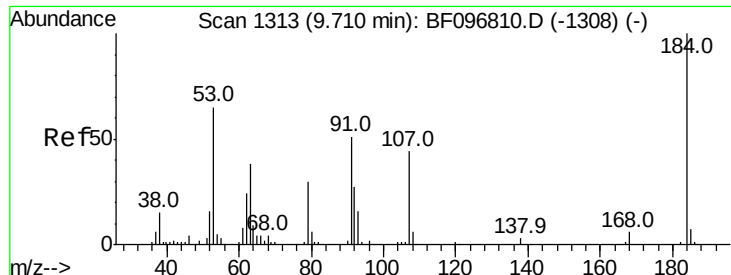


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





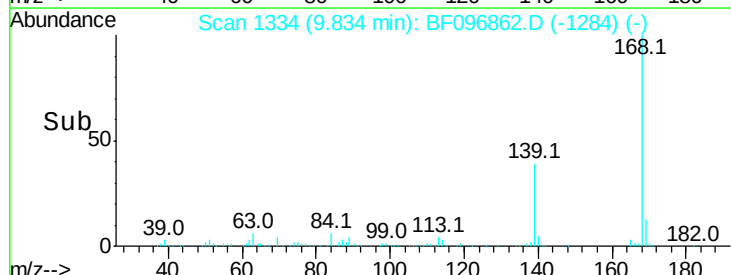
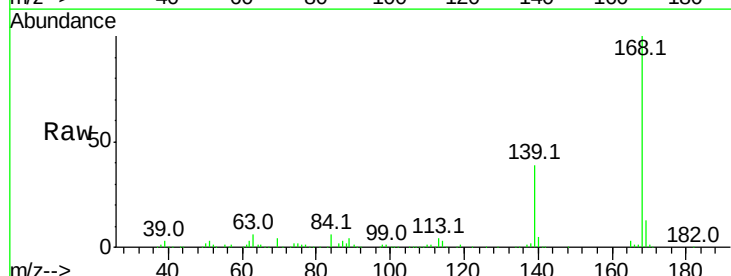
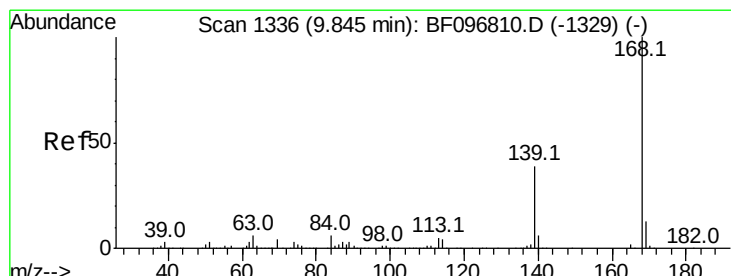
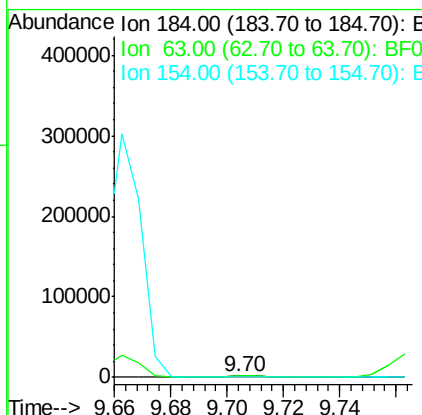
#53
2,4-Dinitrophenol
Concen: 8.630 ng
RT: 9.70 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tot Ion	Ratio	Resp	Lower	Upper
184	100	1932		
63	76.4		62.7	94.1
154	51.0		81.1	121.7#

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

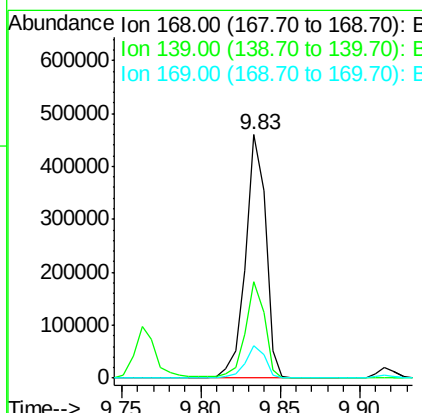
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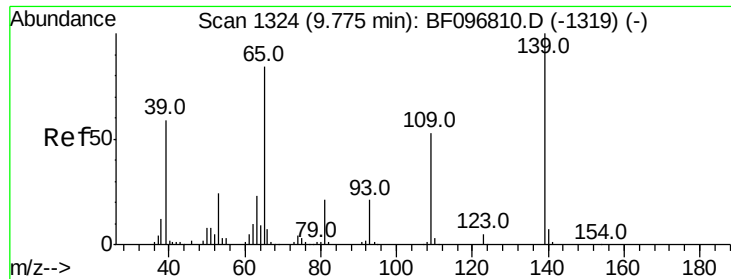
mohammad
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#54
Dibenzofuran
Concen: 41.889 ng
RT: 9.83 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	404747		
139	39.5		30.6	45.8
169	13.3		10.8	16.2





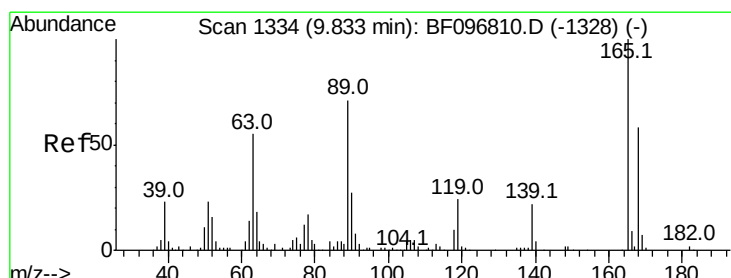
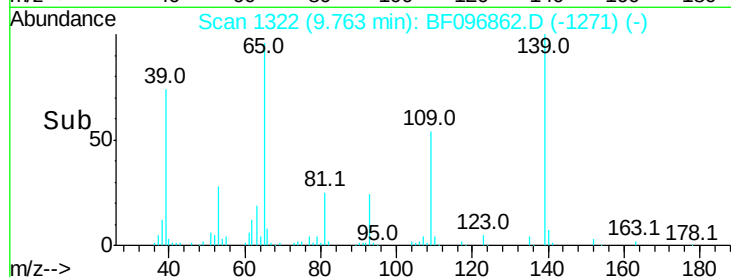
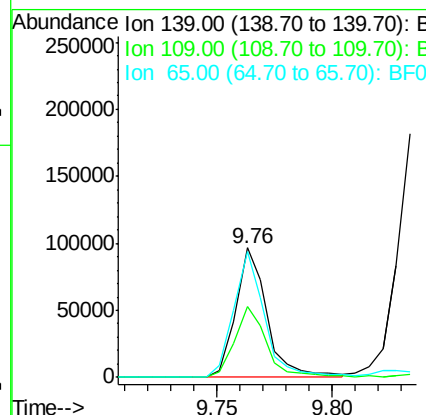
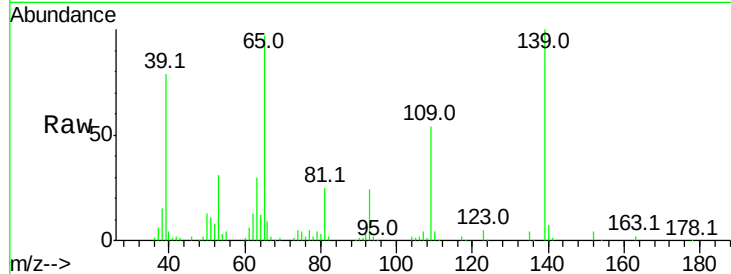
#55
4-Nitrophenol
Concen: 55.607 ng
RT: 9.76 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	54.5	34.1	74.1
65	96.7	31.4	71.4

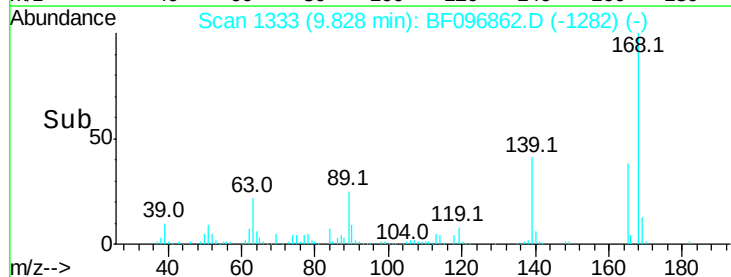
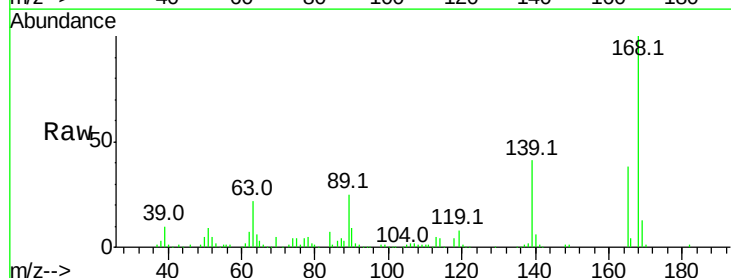
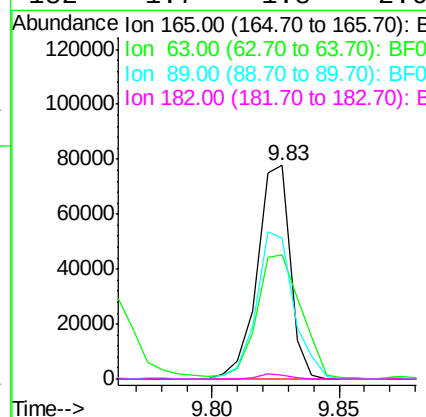
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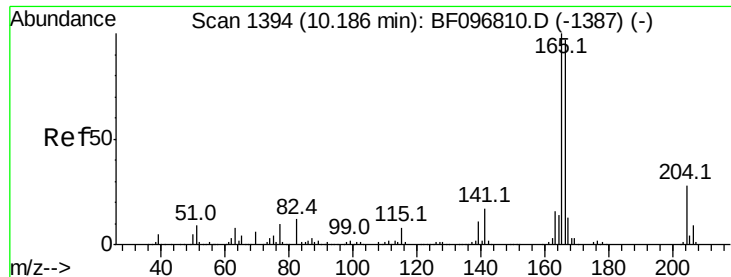
mohammad
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#56
2,4-Dinitrotoluene
Concen: 29.157 ng
RT: 9.83 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.2	25.4	38.0
89	65.7	46.4	69.6
182	1.7	1.8	2.6





#57

Fluorene

Concen: 40.113 ng

RT: 10.17 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

Tot Ion:166 Resp: 286413

Ion Ratio Lower Upper

166 100

165 101.4 78.8 118.2

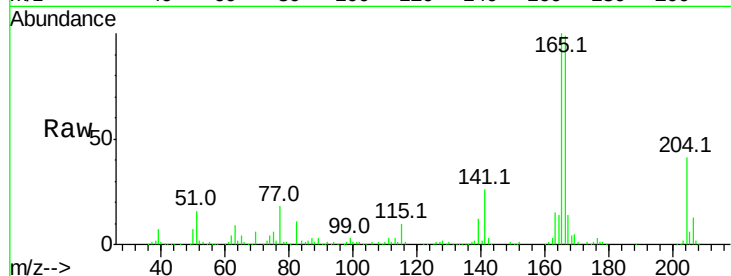
167 13.9 10.6 16.0

Manual Integrations

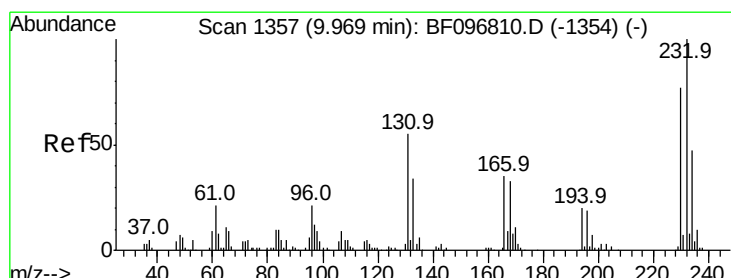
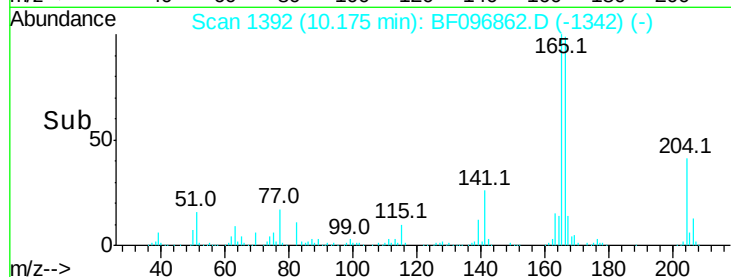
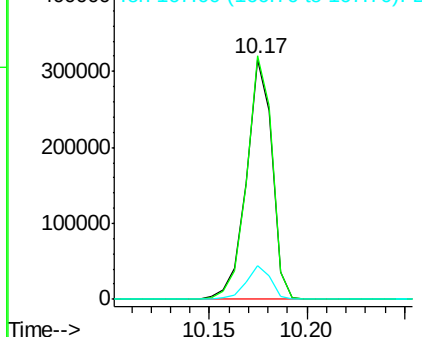
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.960 ng

RT: 9.96 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Tgt Ion:232 Resp: 61412

Ion Ratio Lower Upper

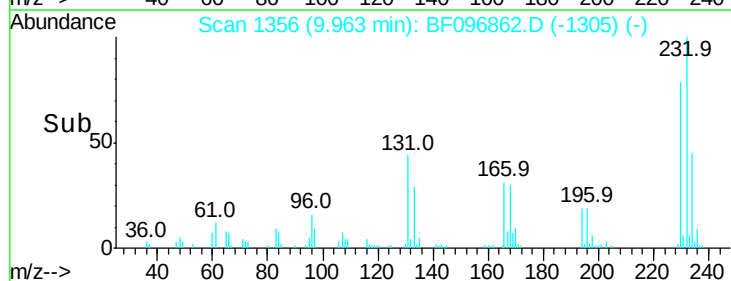
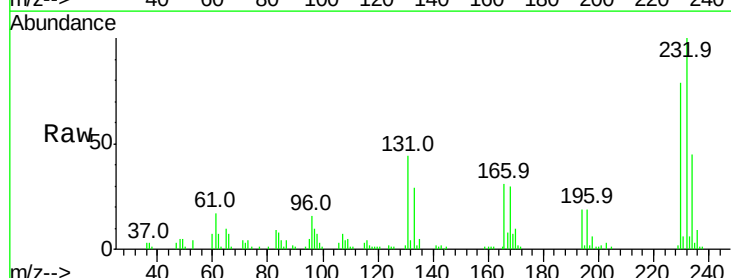
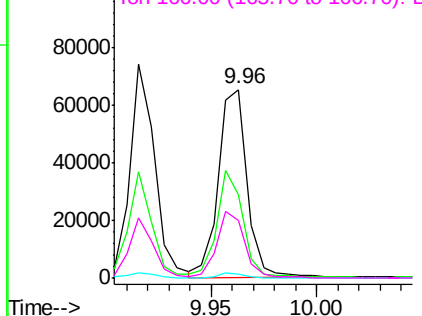
232 100

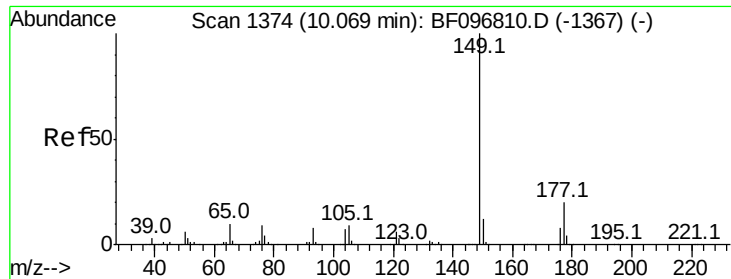
131 54.8 44.8 67.2

130 2.5 2.3 3.5

166 34.8 29.0 43.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





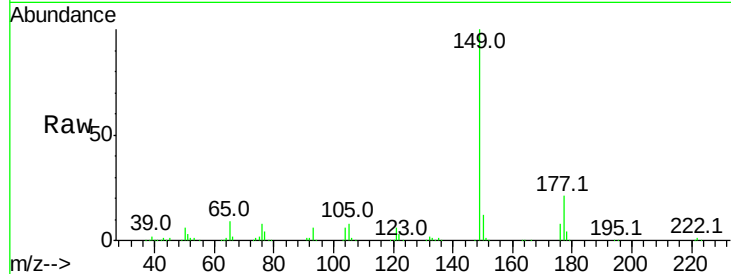
#59
Diethylphthalate
Concen: 41.811 ng
RT: 10.06 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

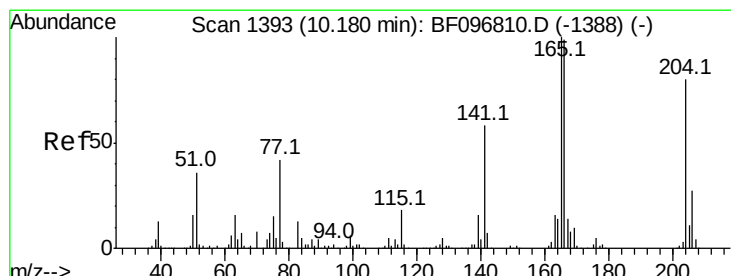
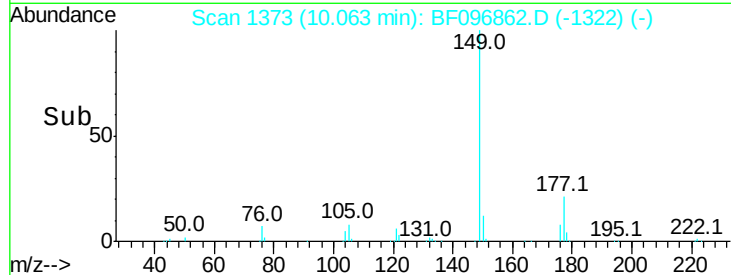
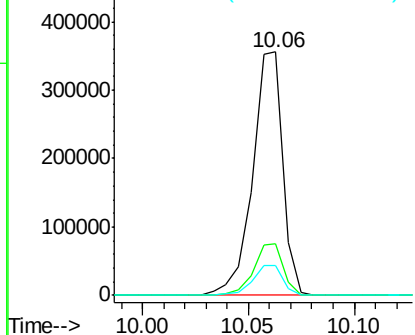
Tot Ion	Ratio	Resp	Lower	Upper
149	100	355508		
177	21.1	16.7	25.1	
150	12.1	10.2	15.2	

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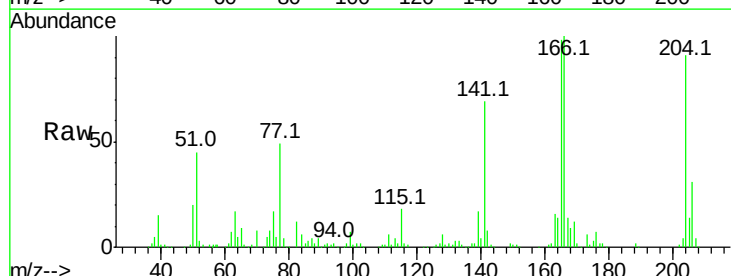


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

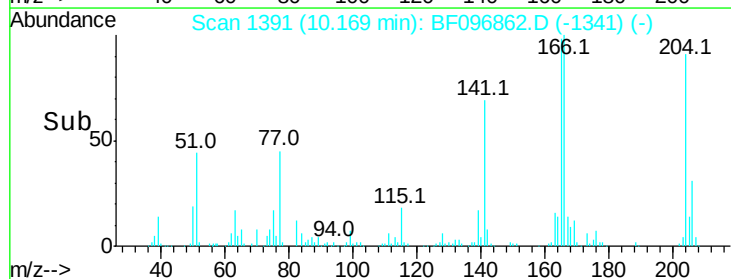
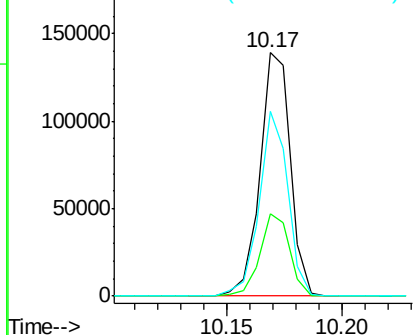


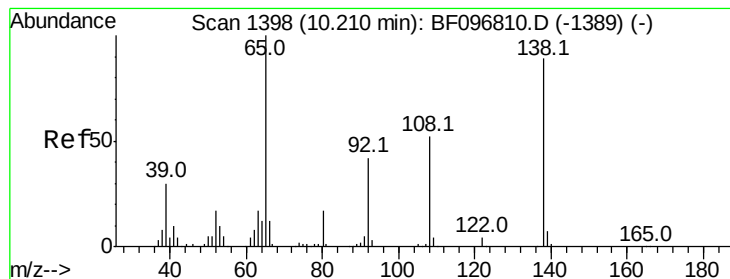
#60
4-Chlorophenyl-phenylether
Concen: 42.514 ng
RT: 10.17 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	127603		
206	33.7	26.2	39.2	
141	75.6	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: 43.660 ng

RT: 10.19 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

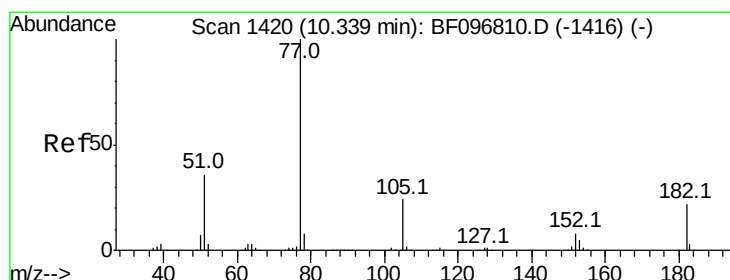
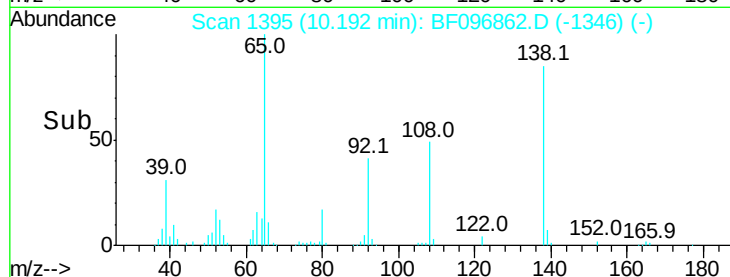
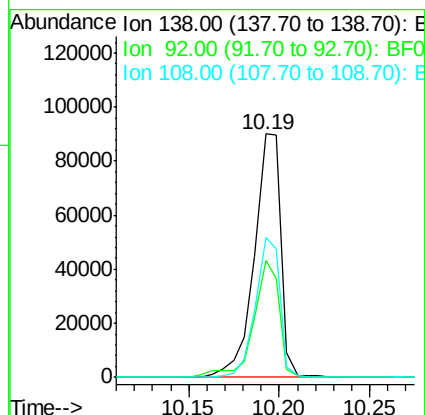
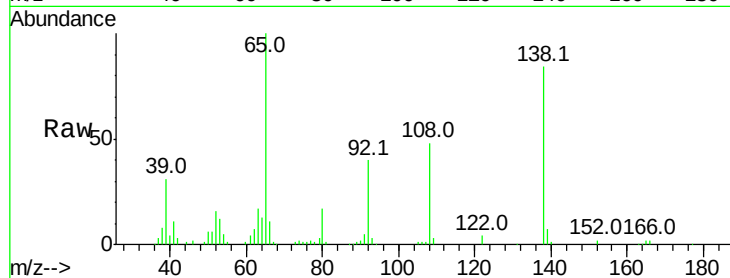
ClientSampleId :

PB100719BSD

Tot Ion:	138	Resp:	91885
Ion Ratio	Lower	Upper	
138	100		
92	47.9	21.8	61.8
108	57.4	42.3	82.3

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#62

Azobenzene

Concen: 38.797 ng

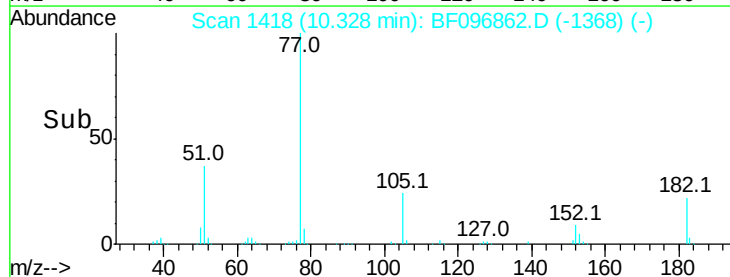
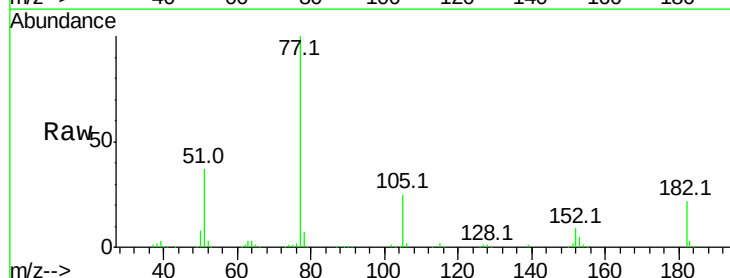
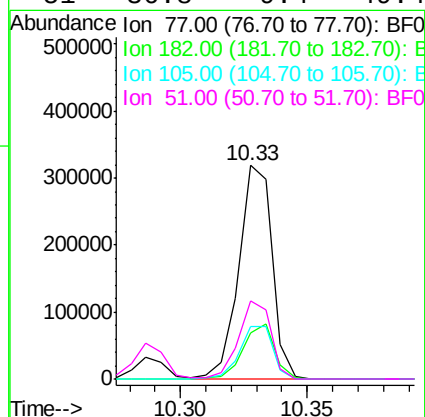
RT: 10.33 min Scan# 1418

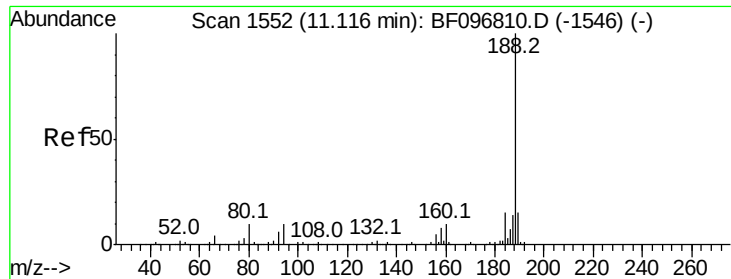
Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Tgt Ion:	77	Resp:	291017
Ion Ratio	Lower	Upper	
77	100		
182	21.7	0.1	40.1
105	24.5	3.6	43.6
51	36.8	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

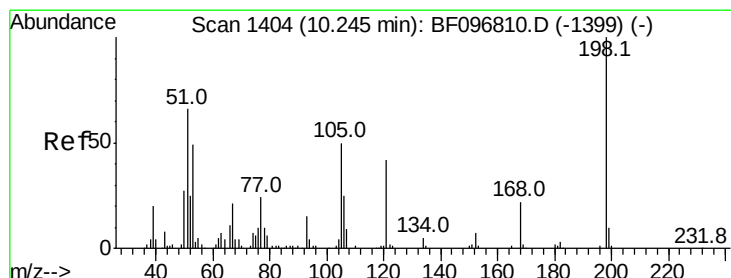
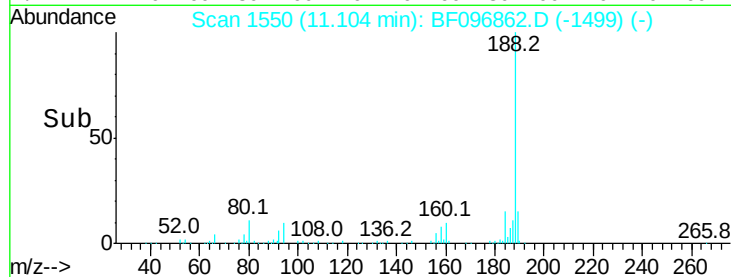
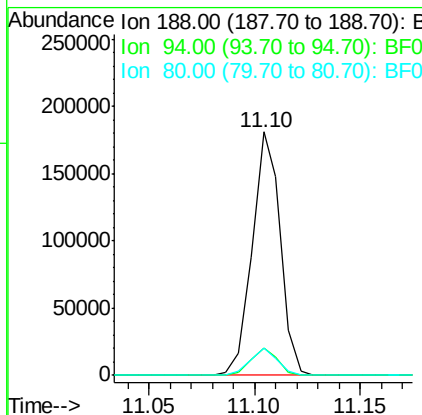
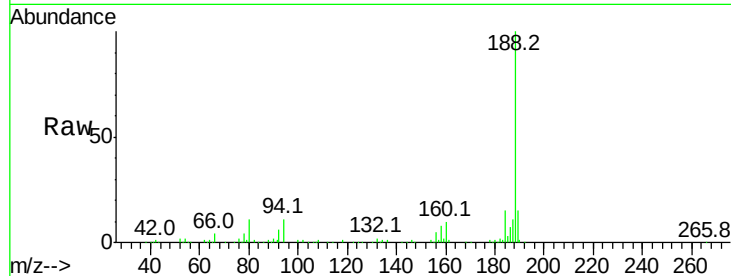
ClientSampleId :

PB100719BSD

Tot Ion:	188	Resp:	166914
Ion Ratio	Lower	Upper	
188	100		
94	11.0	9.4	14.2
80	11.1	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 2.361 ng

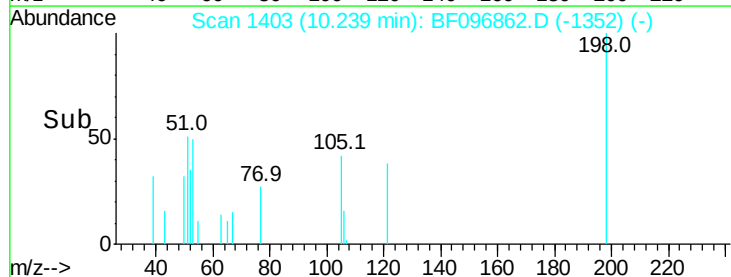
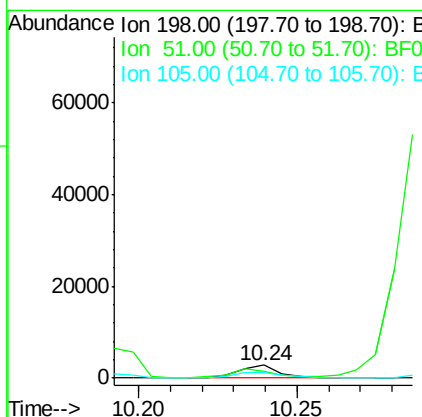
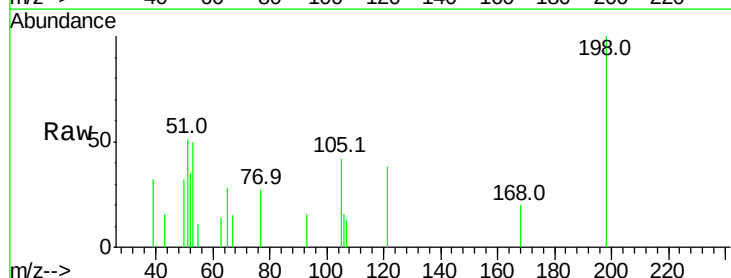
RT: 10.24 min Scan# 1403

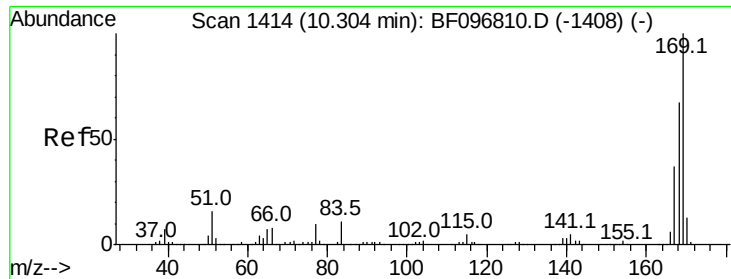
Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Tgt Ion:	198	Resp:	2474
Ion Ratio	Lower	Upper	
198	100		
51	51.2	53.2	93.2#
105	42.5	45.8	85.8#





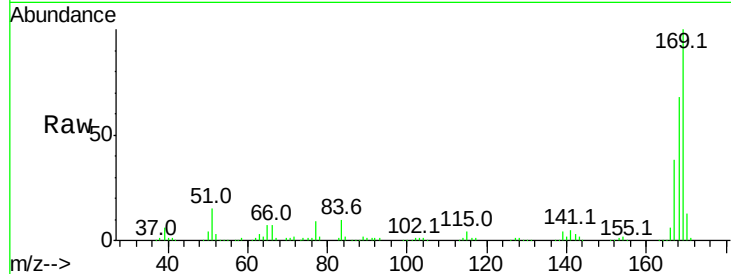
#65
 n-Nitrosodiphenylamine
 Concen: 44.669 ng
 RT: 10.29 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

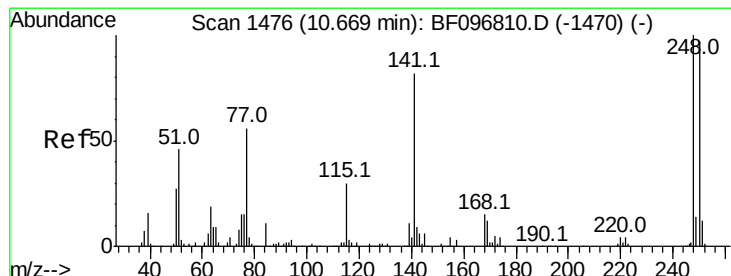
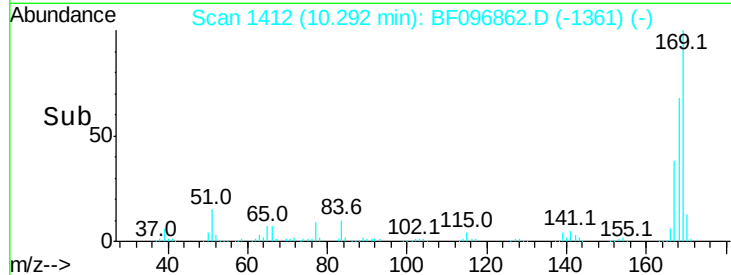
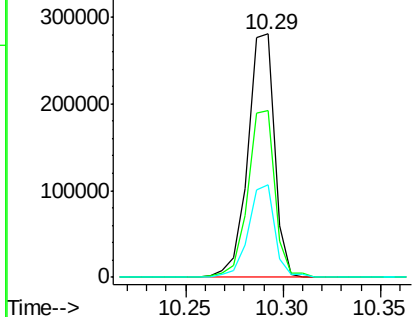
Tot Ion	Ratio	Resp	Lower	Upper
169	100	266519		
168	68.4		53.2	79.8
167	37.9		29.5	44.3

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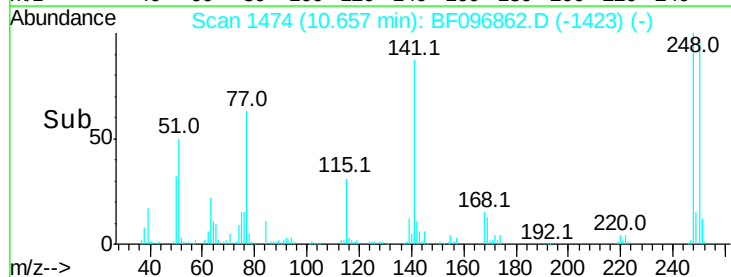
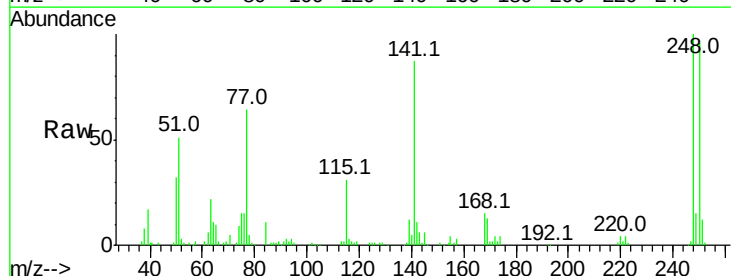
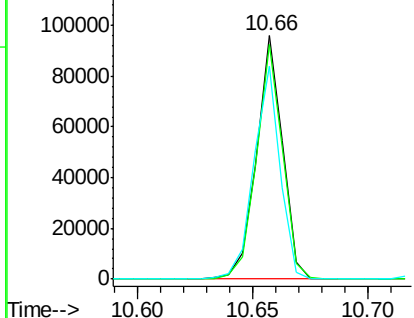
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

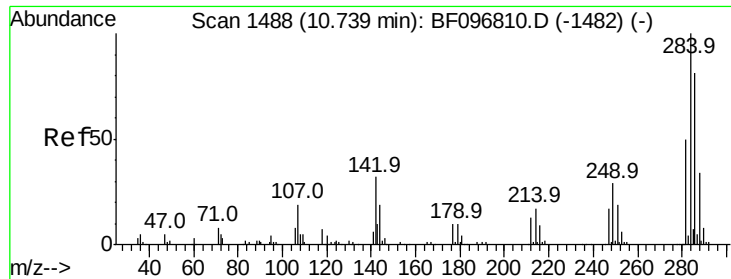


#66
 4-Bromophenyl-phenylether
 Concen: 44.463 ng
 RT: 10.66 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	75771		
250	96.4		76.8	115.2
141	87.3		68.6	103.0

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





#67

Hexachlorobenzene

Concen: 40.391 ng

RT: 10.73 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

Tot Ion:284 Resp: 76662

Ion Ratio Lower Upper

284 100

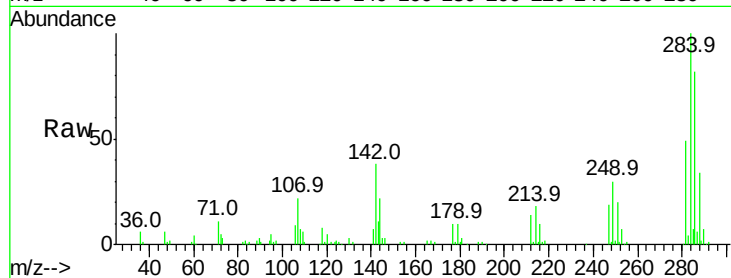
142 37.5 22.8 34.2#

249 29.5 24.0 36.0

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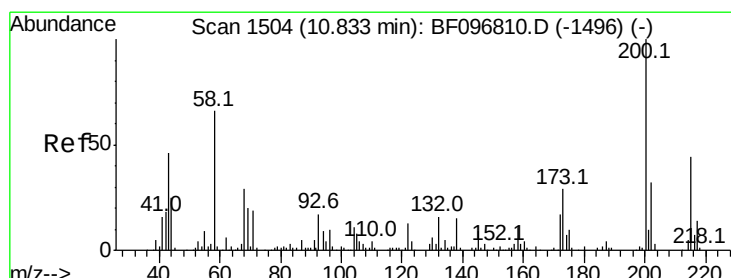
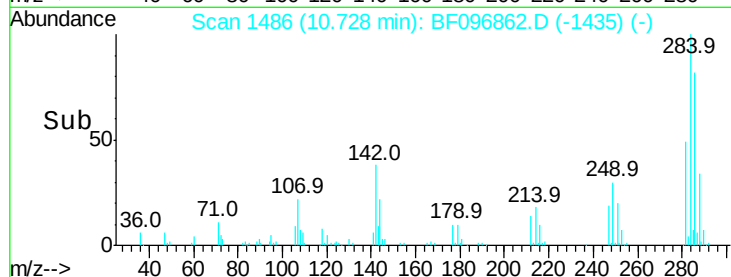
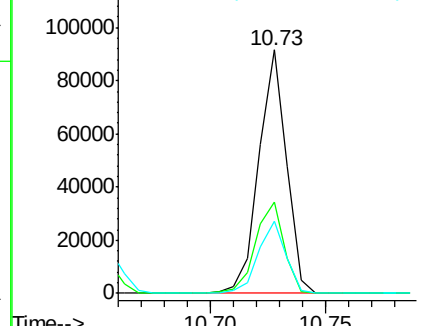
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.962 ng

RT: 10.82 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

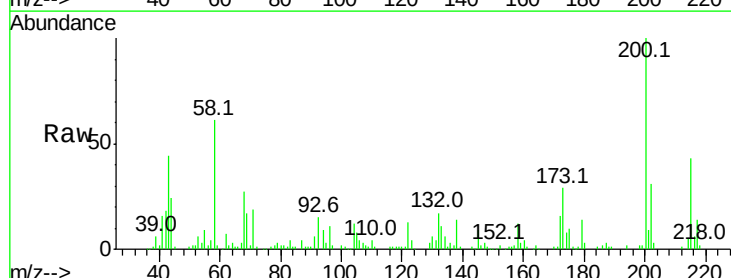
Tgt Ion:200 Resp: 76430

Ion Ratio Lower Upper

200 100

173 28.7 6.3 46.3

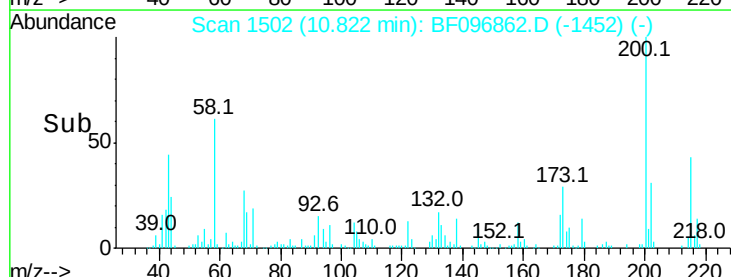
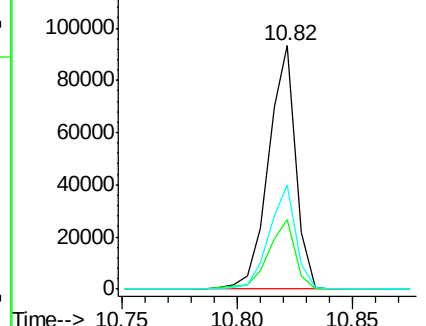
215 42.9 27.2 67.2

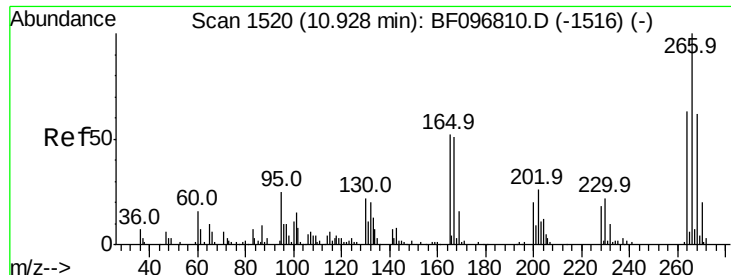


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





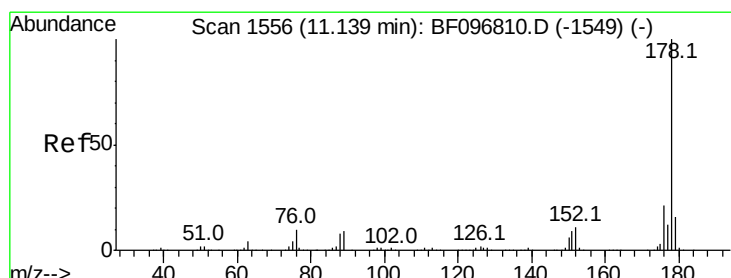
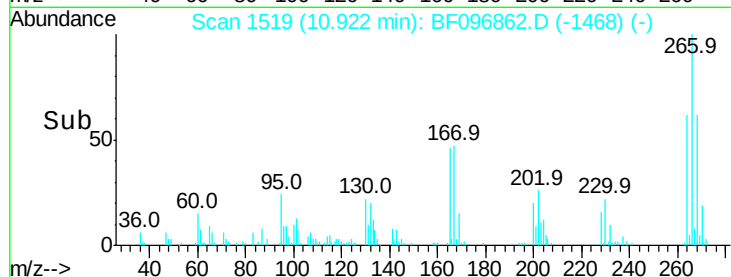
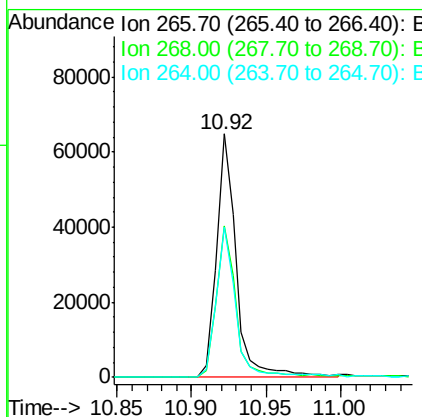
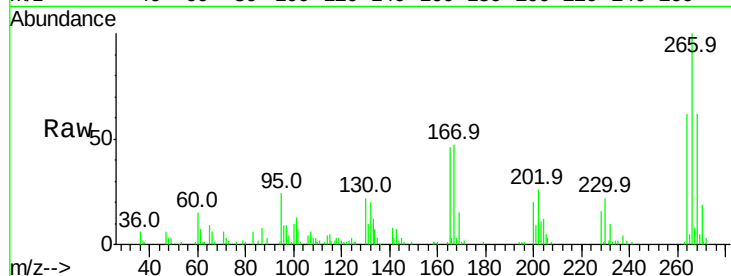
#69
 Pentachlorophenol
 Concen: 65.285 ng
 RT: 10.92 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	59860		
268	62.2		51.1	76.7
264	61.6		51.7	77.5

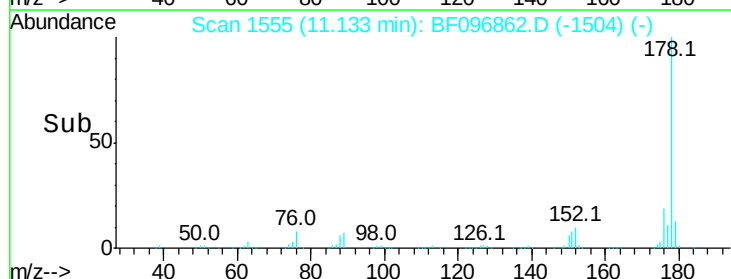
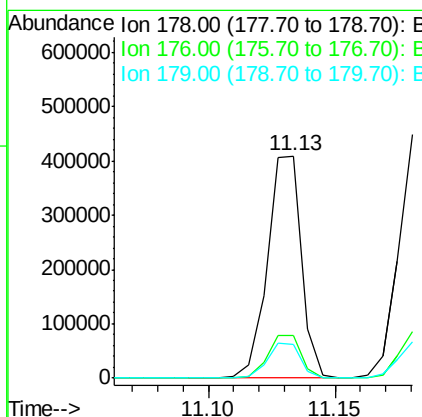
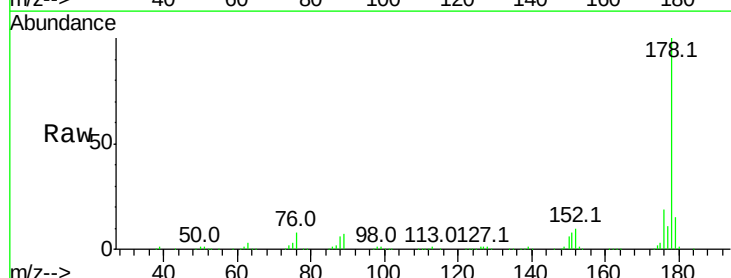
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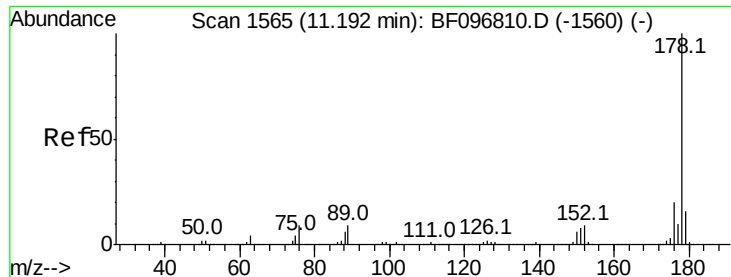
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#70
 Phenanthrene
 Concen: 42.531 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	385997		
176	19.1		16.2	24.4
179	14.9		12.6	19.0





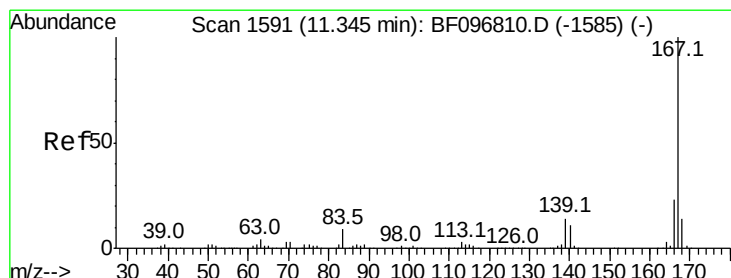
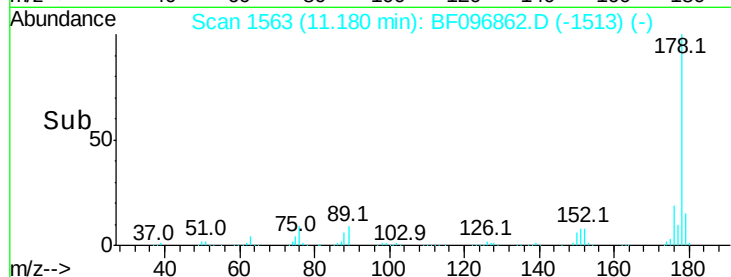
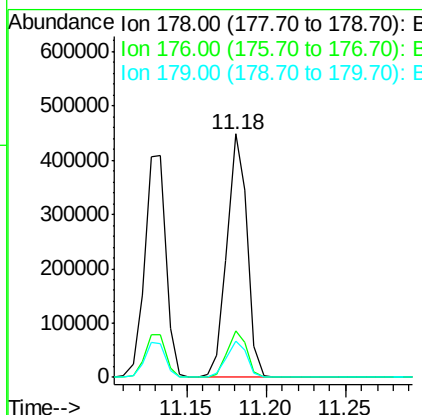
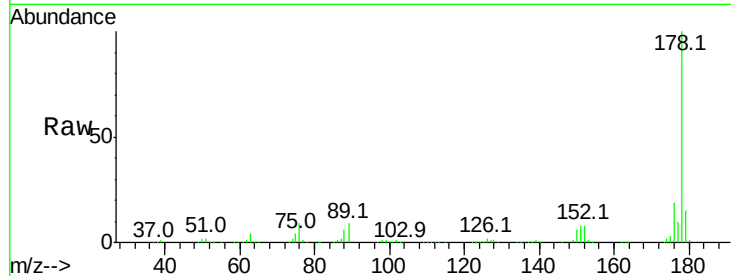
#71
 Anthracene
 Concen: 43.121 ng
 RT: 11.18 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.0	12.7	19.1

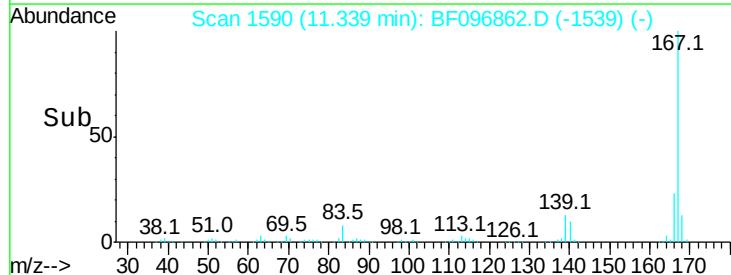
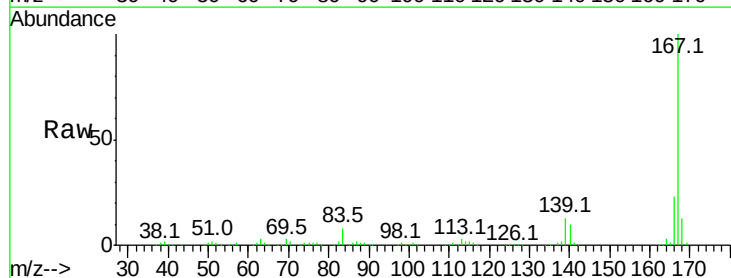
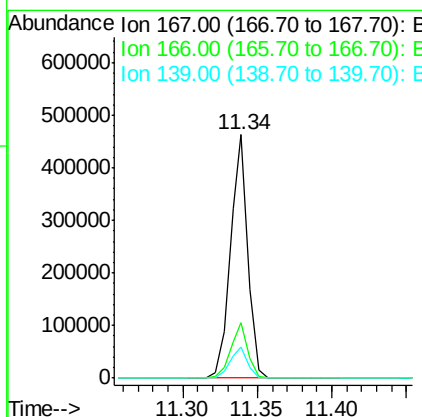
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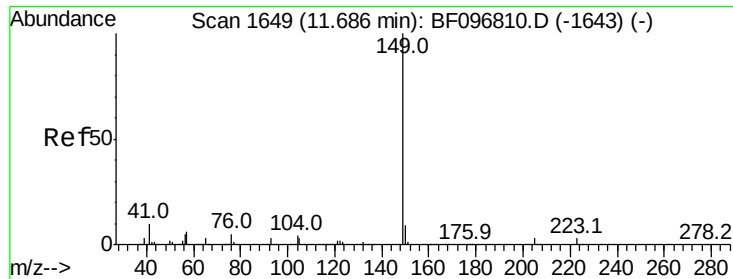
mohammad
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#72
 Carbazole
 Concen: 42.650 ng
 RT: 11.34 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	12.7	11.7	17.5





#73

Di-n-butylphthalate

Concen: 44.290 ng

RT: 11.68 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

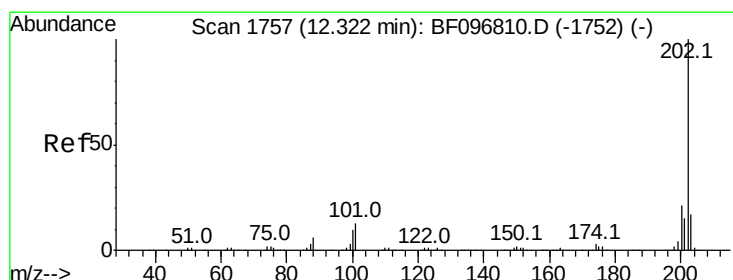
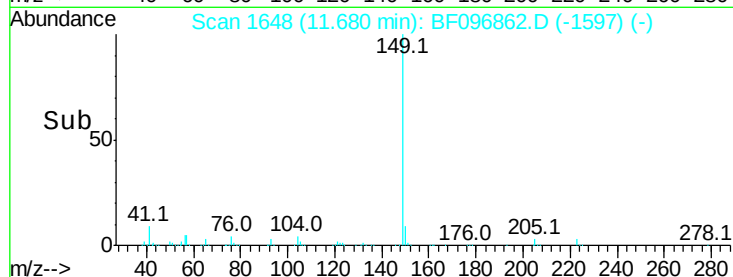
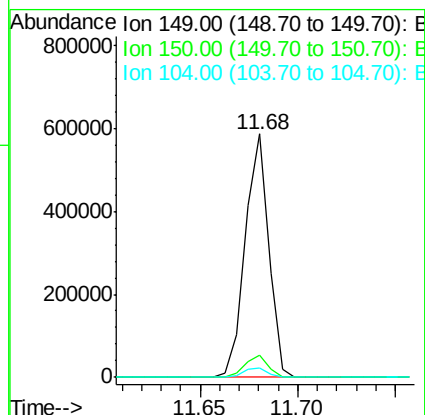
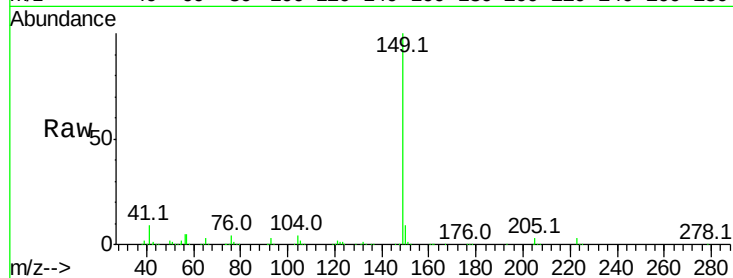
ClientSampleId :

PB100719BSD

Tot Ion:	149	Resp:	490145
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	3.9	4.0	6.0#

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#74

Fluoranthene

Concen: 45.546 ng

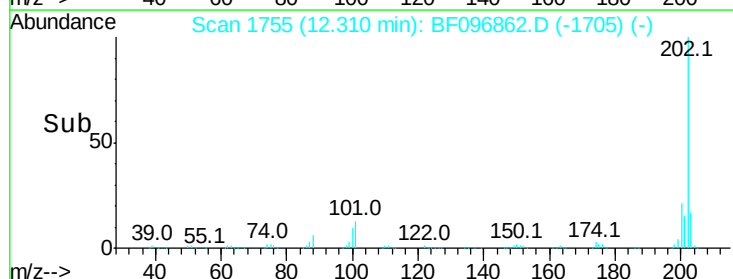
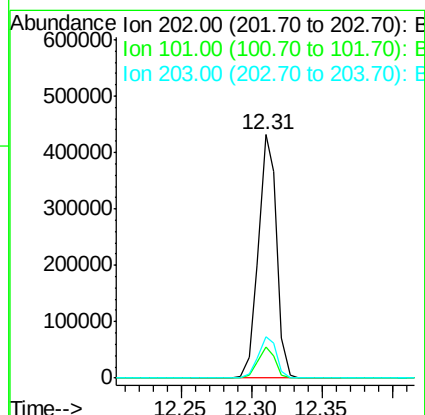
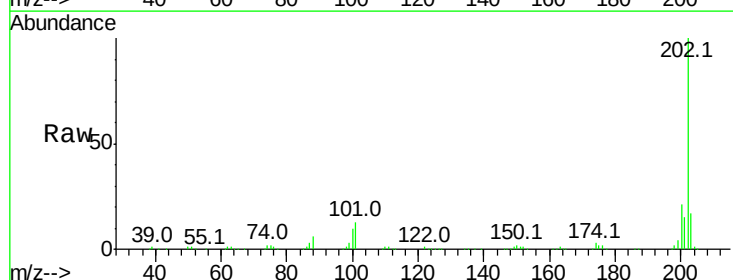
RT: 12.31 min Scan# 1755

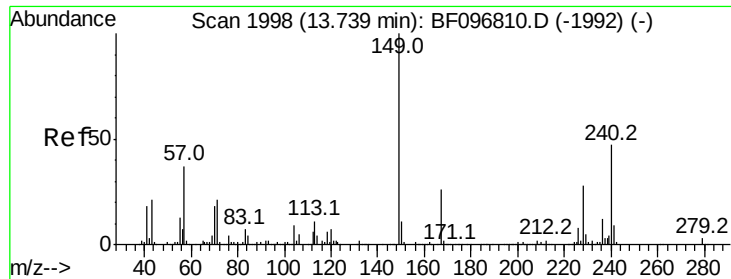
Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Tgt Ion:	202	Resp:	395655
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	33.2
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

Tot Ion:240 Resp: 133551

Ion Ratio Lower Upper

240 100

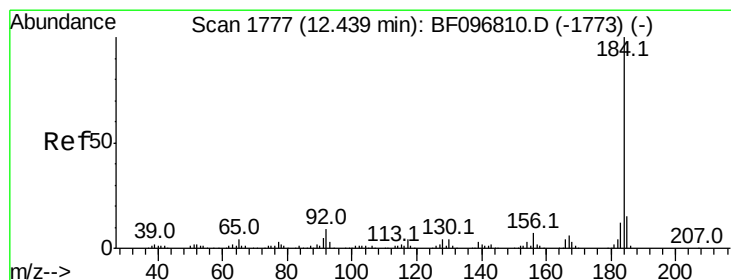
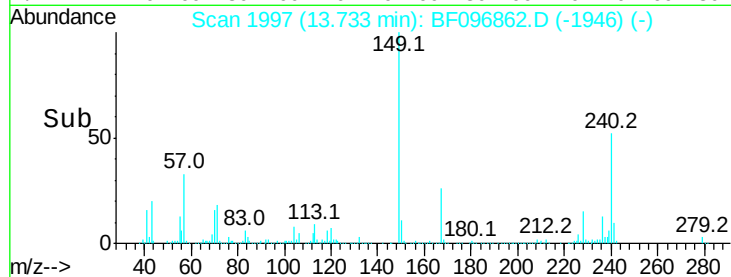
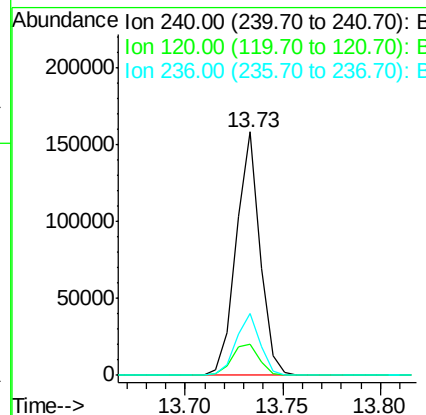
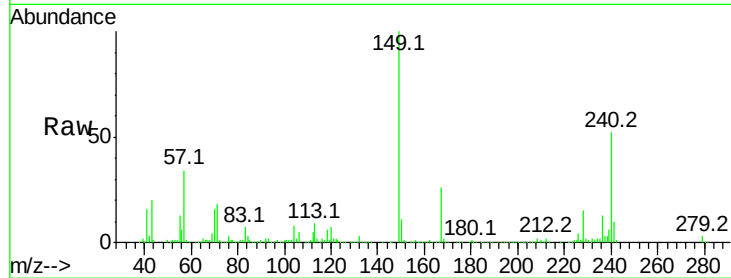
120 12.8 5.8 8.8#

236 25.3 20.5 30.7

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#76

Benzidine

Concen: 81.051 ng

RT: 12.44 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

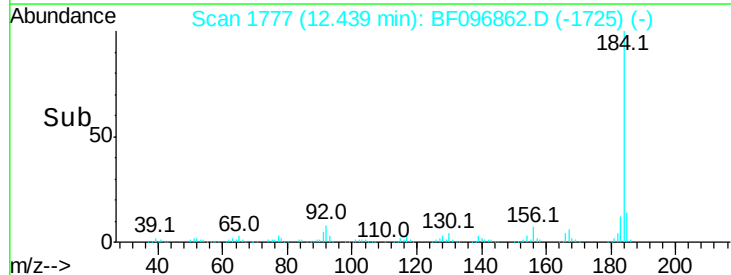
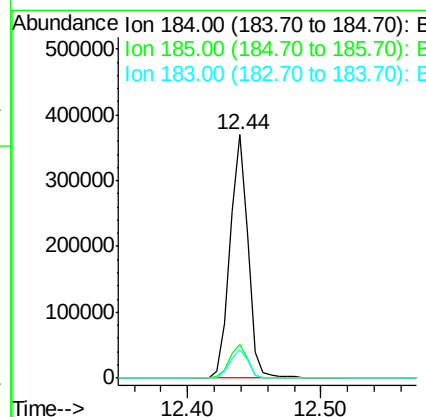
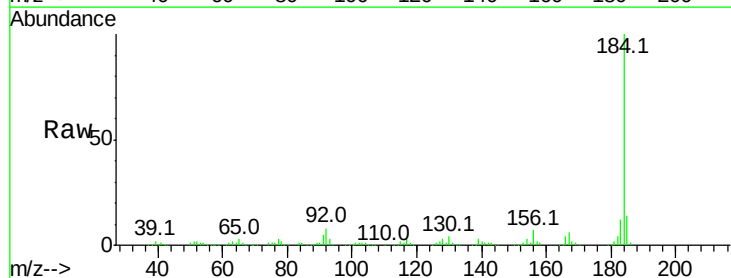
Tgt Ion:184 Resp: 354612

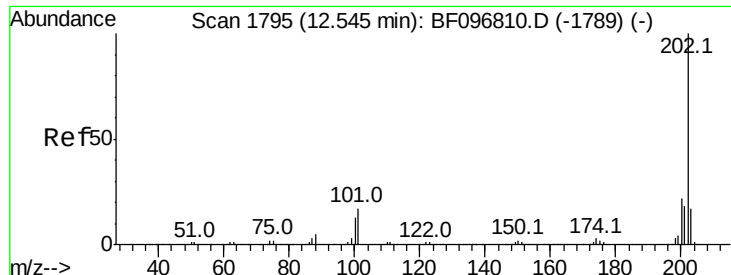
Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

183 11.9 9.8 14.6





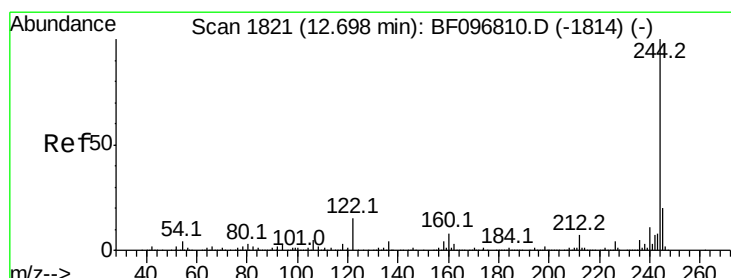
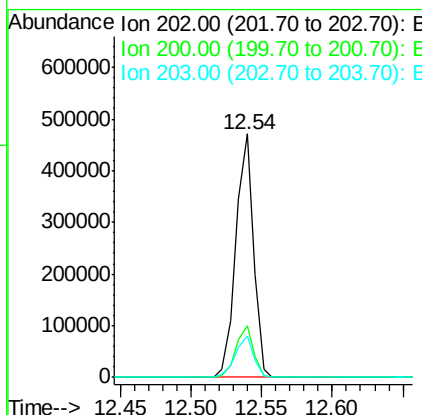
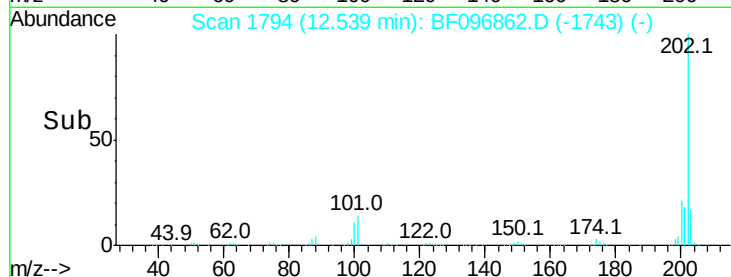
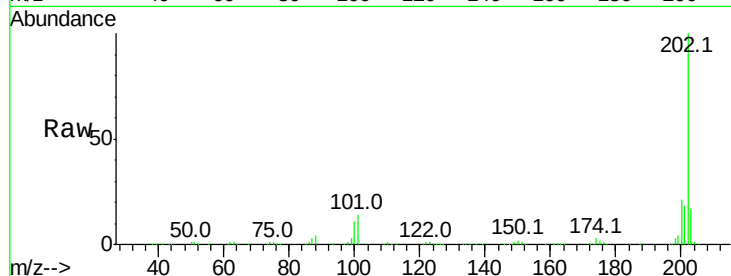
#77
Pvrene
Concen: 33.869 ng
RT: 12.54 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4	17.6	26.4	
203	17.3	14.4	21.6	

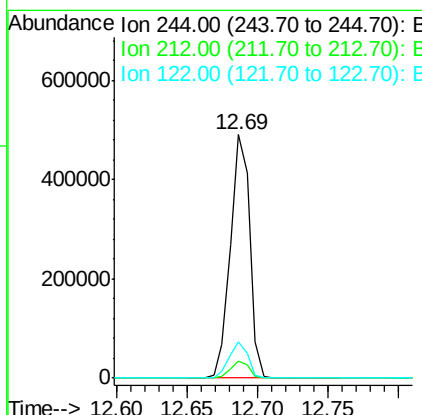
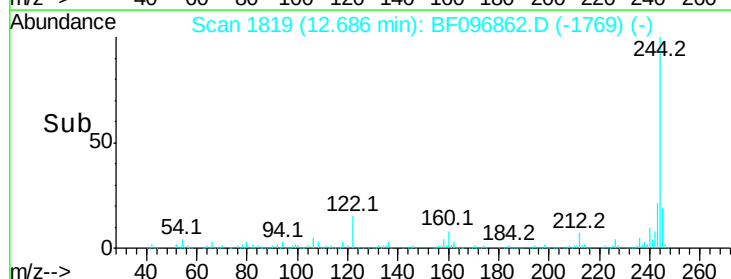
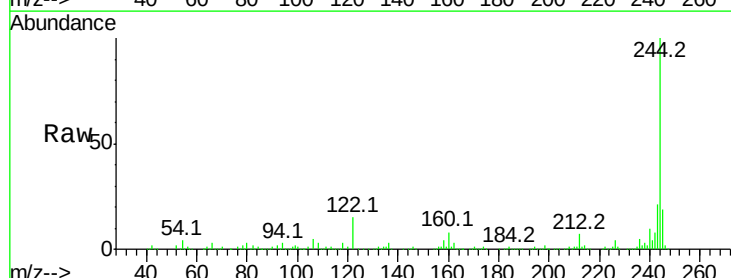
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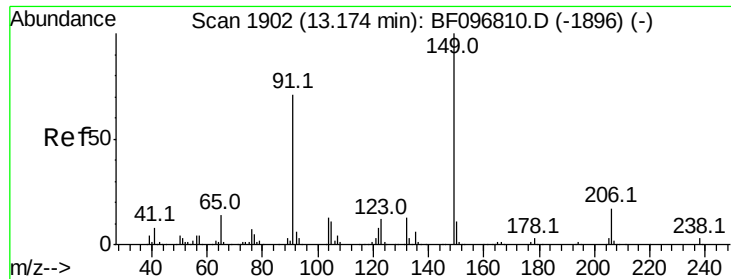
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#78
Terphenyl-d14
Concen: 60.956 ng
RT: 12.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9	6.0	9.0	
122	15.0	10.3	15.5	





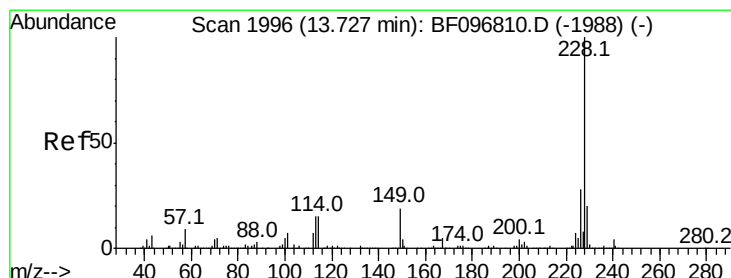
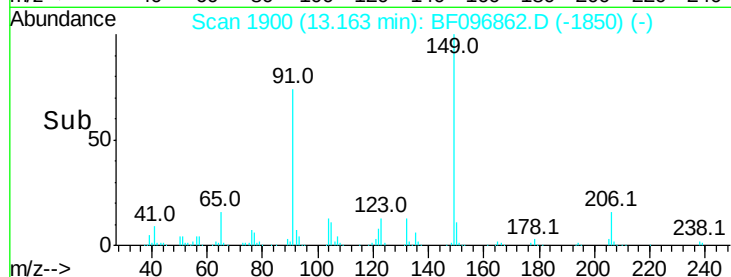
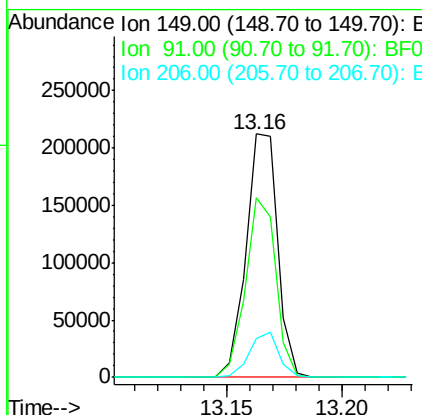
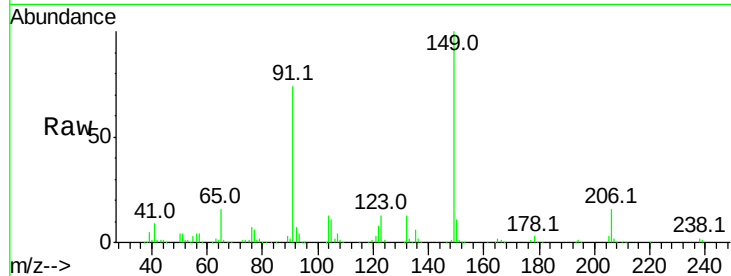
#79
Butylbenzylphthalate
Concen: 35.318 ng
RT: 13.16 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	74.0	45.0	67.4#
206	15.7	17.0	25.6#

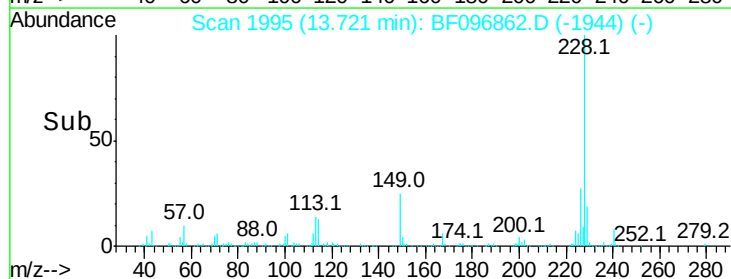
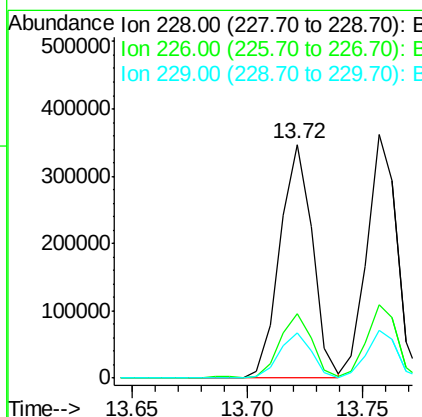
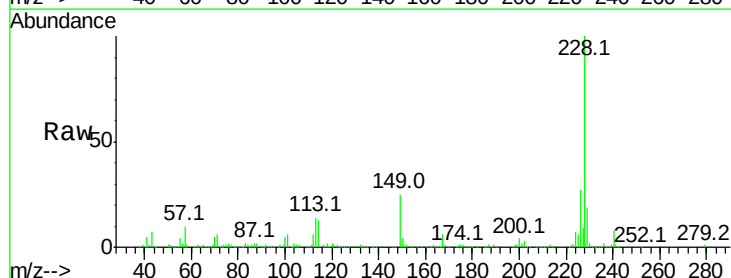
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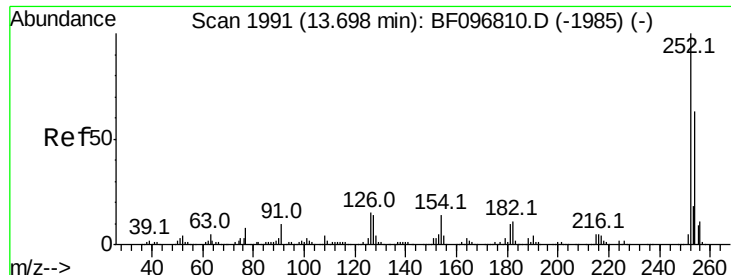
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#80
Benzo(a)anthracene
Concen: 40.473 ng
RT: 13.72 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.5	16.3	24.5





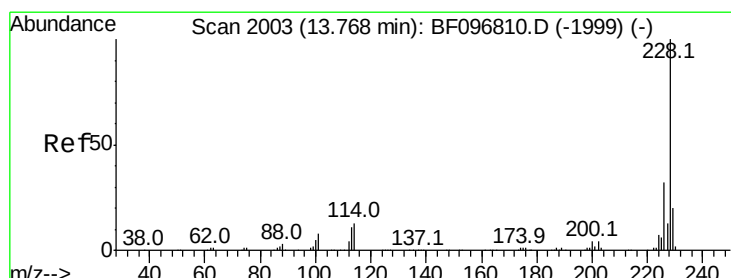
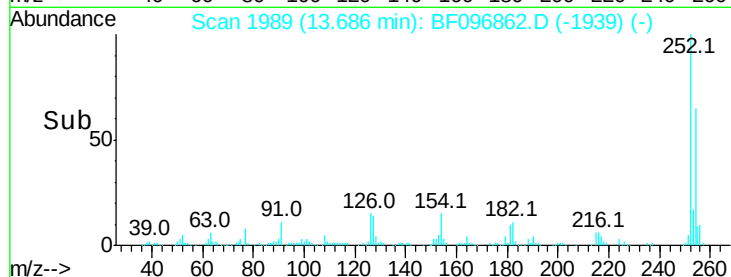
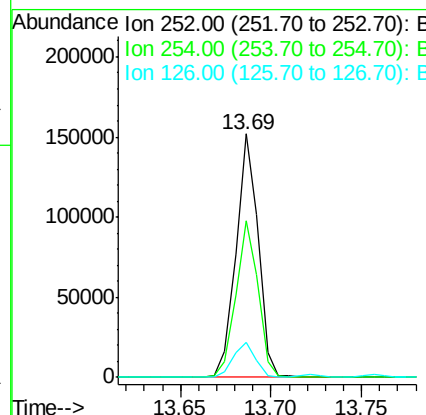
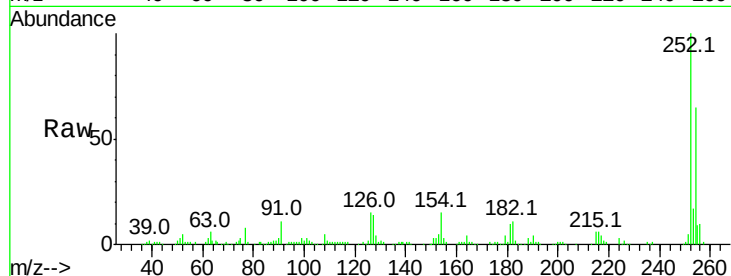
#81
 3,3'-Dichlorobenzidine
 Concen: 43.184 ng
 RT: 13.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	129221		
254	64.5	51.5	77.3	
126	14.6	15.8	23.8	

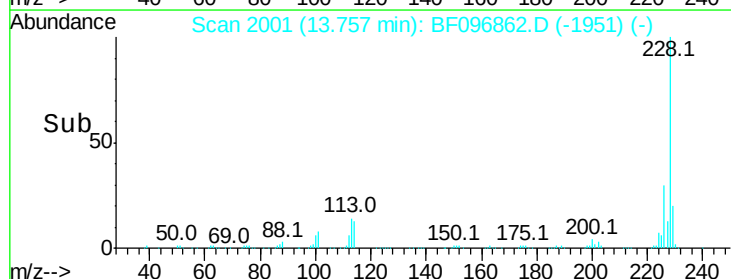
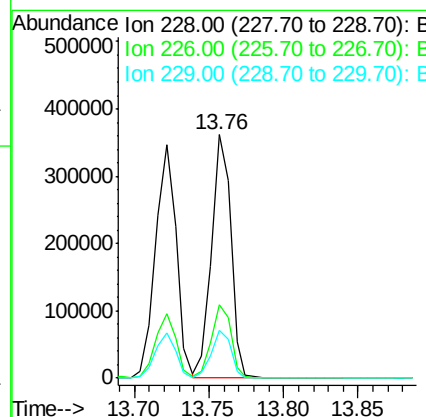
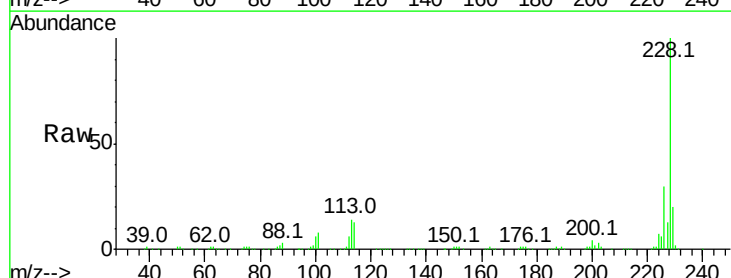
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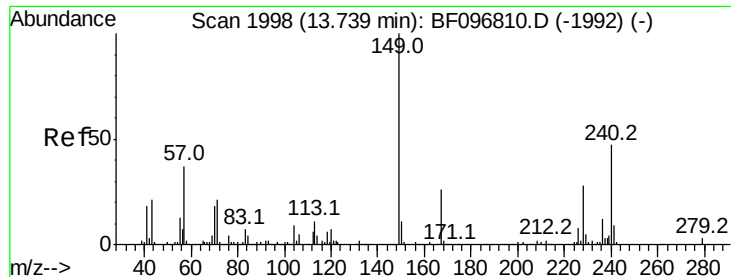
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#82
 Chrysene
 Concen: 39.501 ng
 RT: 13.76 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	323593		
226	30.4	24.9	37.3	
229	19.9	15.8	23.6	





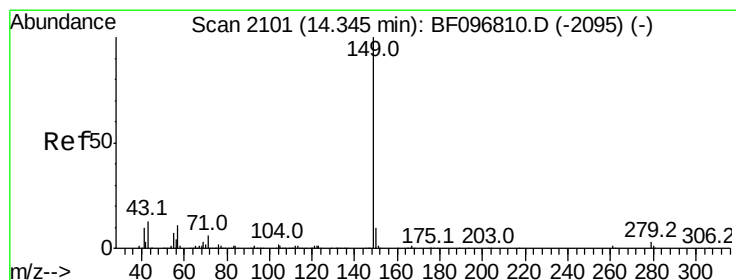
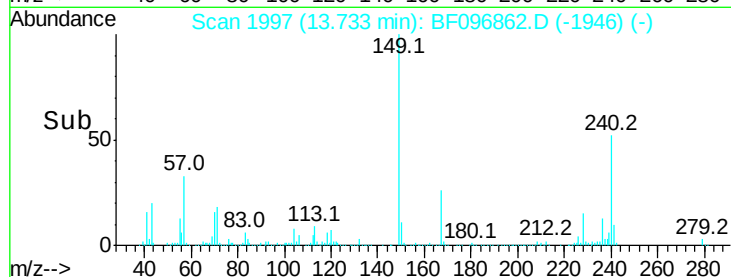
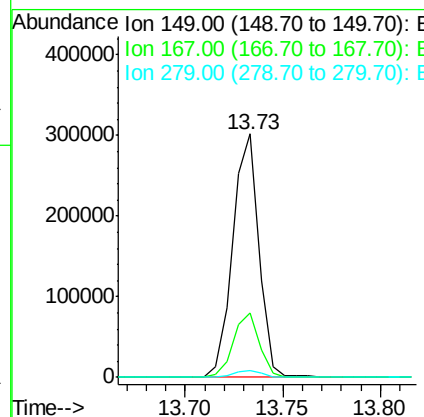
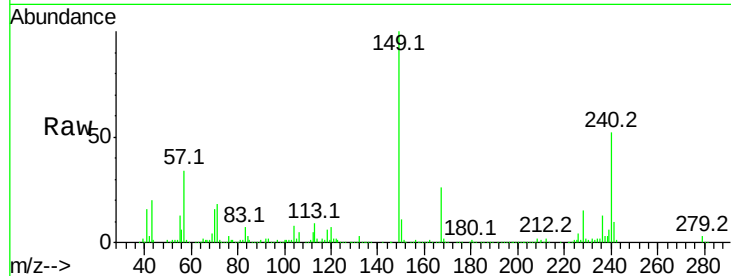
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.885 ng
 RT: 13.73 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	279724		
167	26.5		21.0	31.4
279	2.7		1.9	2.9

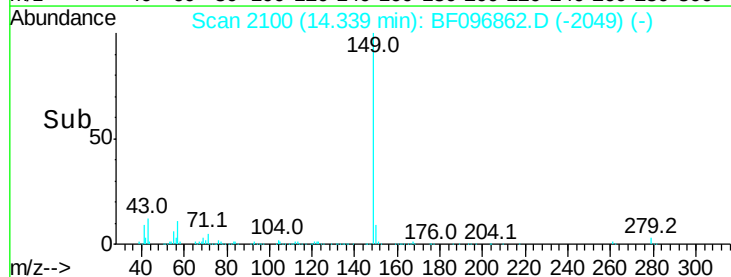
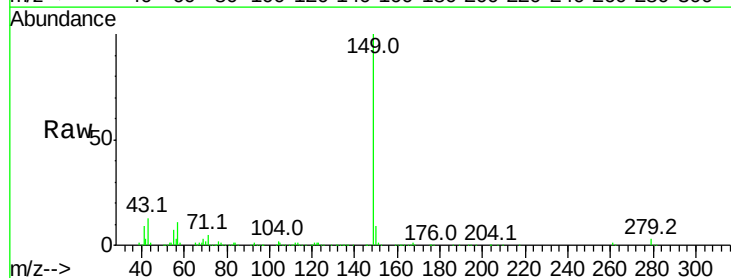
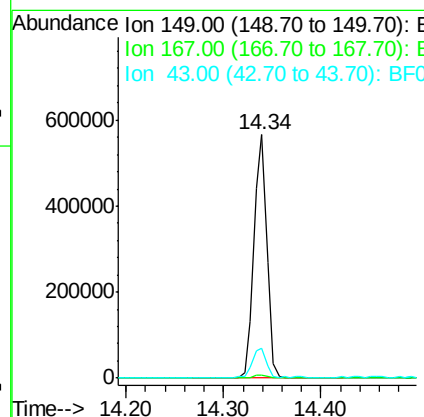
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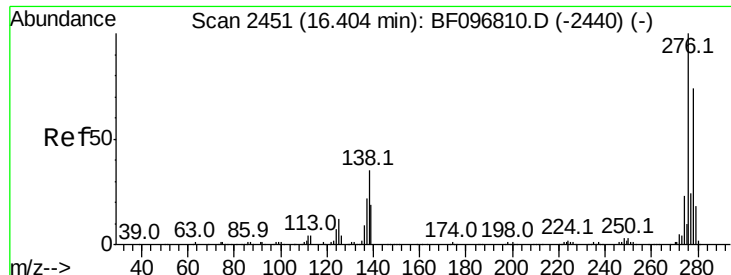
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#84
 Di-n-octyl phthalate
 Concen: 44.708 ng
 RT: 14.34 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	518294		
167	1.5		1.2	1.8
43	12.9		8.5	12.7#





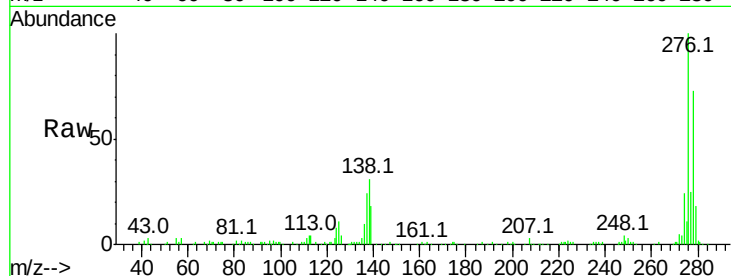
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.072 ng
 RT: 16.39 min Scan# 2449
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

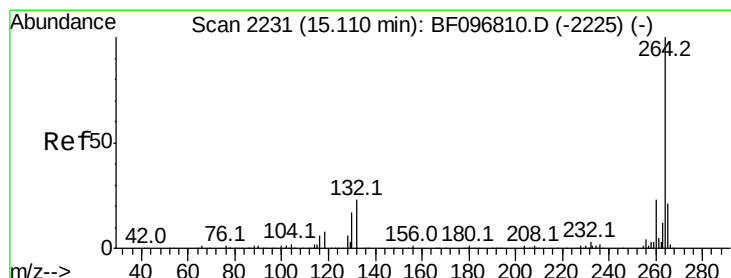
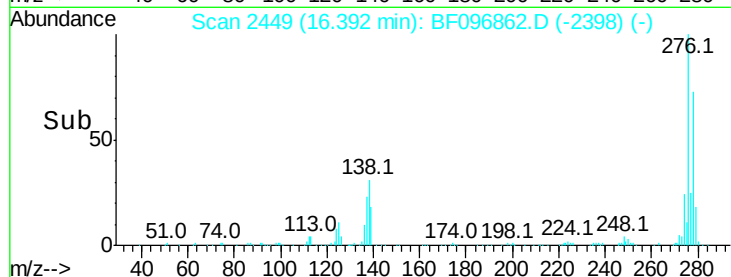
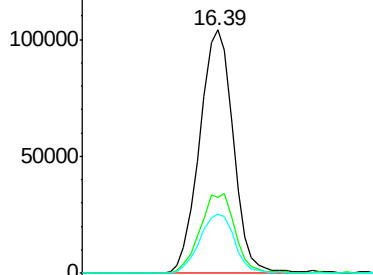
Tot Ion	Ratio	Resp	Lower	Upper
276	100	210781		
138	34.3		27.8	41.6
277	25.4		20.2	30.4

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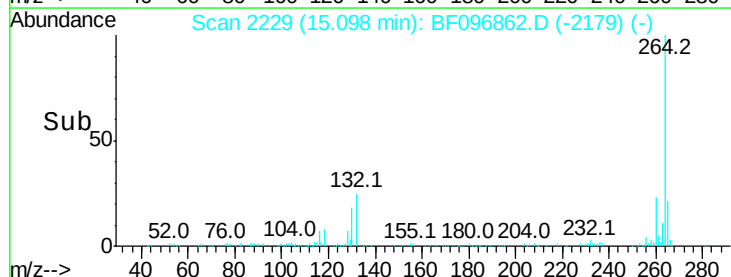
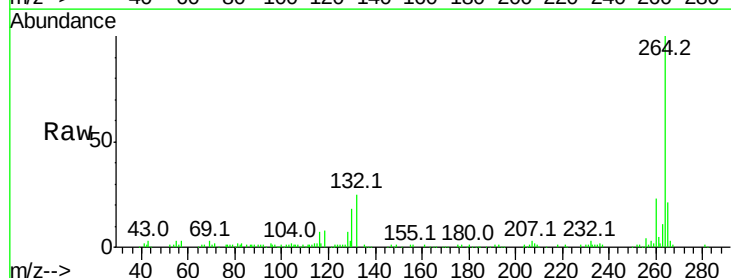
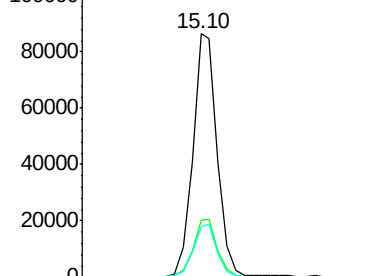
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

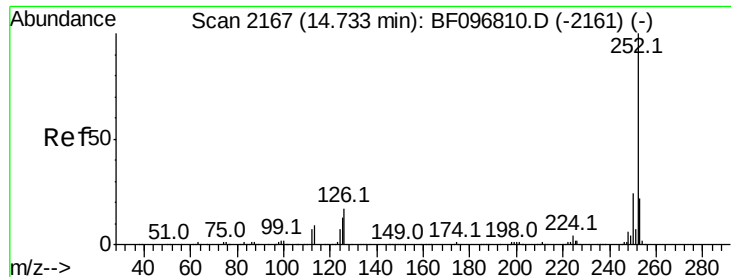


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.10 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	99136		
260	23.4		19.5	29.3
265	20.5		17.2	25.8

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





#87

Benzo(b)fluoranthene

Concen: 44.835 ng

RT: 14.73 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

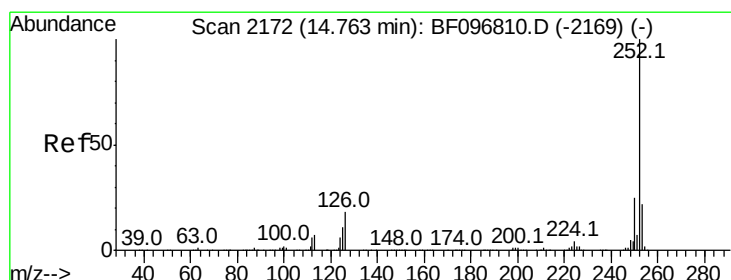
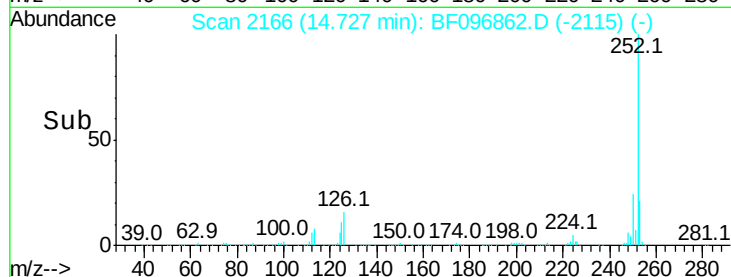
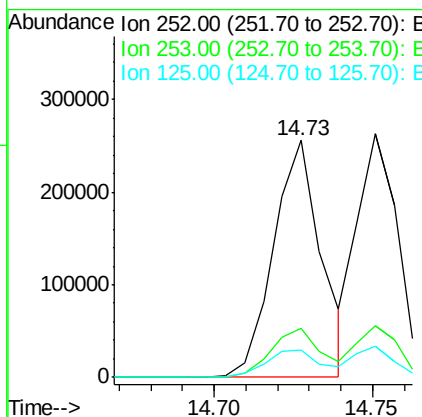
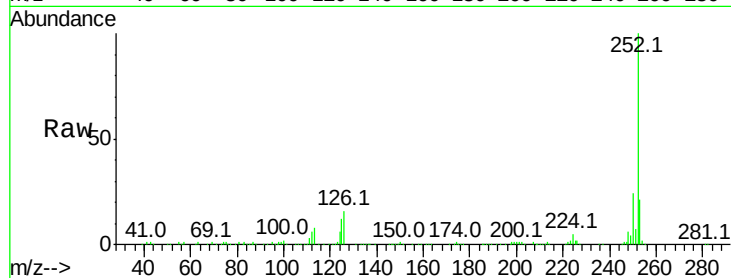
ClientSampleId :

PB100719BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.1	27.1
125	11.7	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 42.192 ng

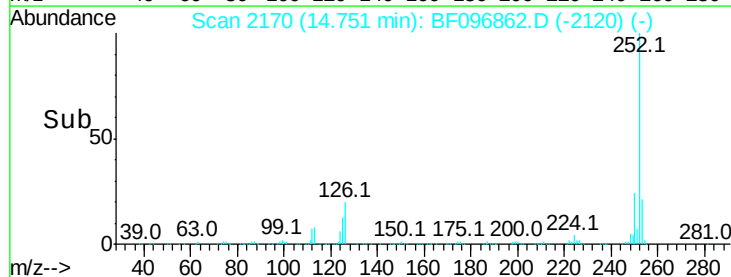
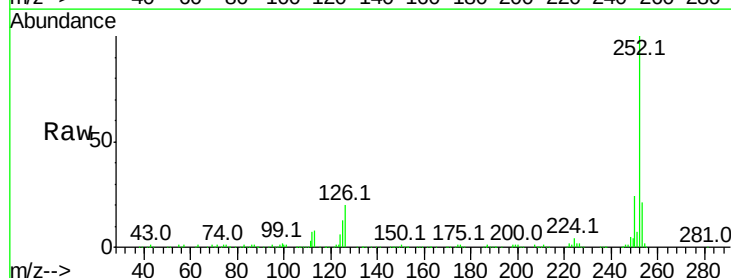
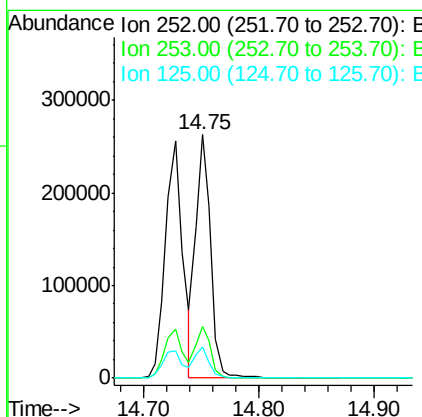
RT: 14.75 min Scan# 2170

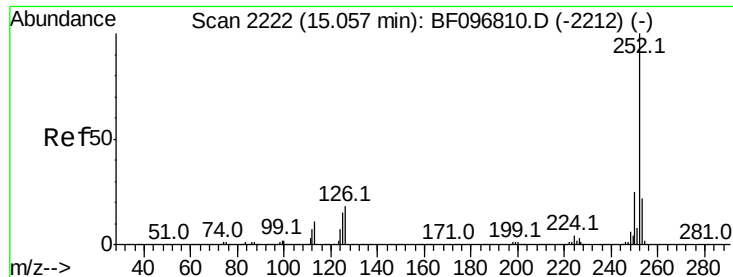
Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	12.7	13.1	19.7#





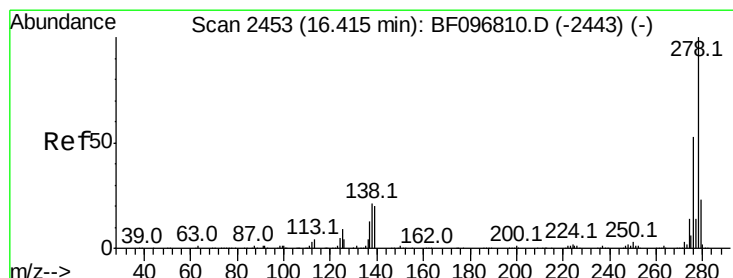
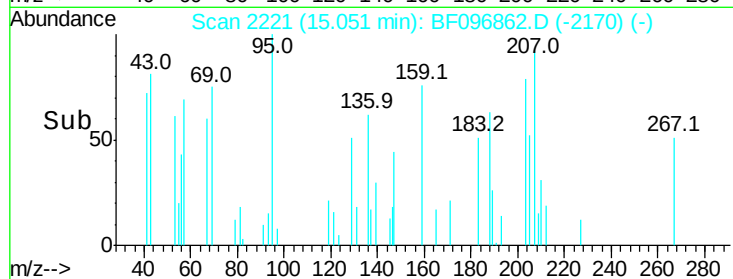
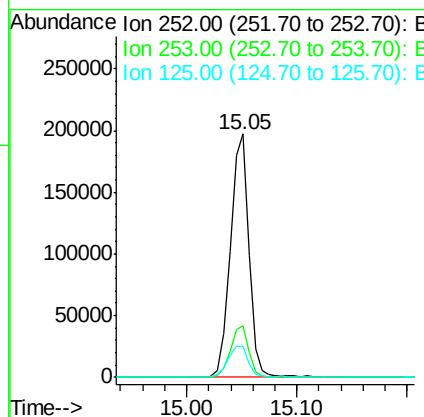
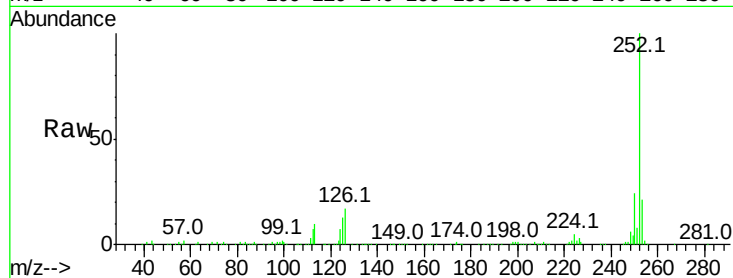
#89
Benzo(a)pyrene
Concen: 42.544 ng
RT: 15.05 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	12.7	11.0	16.4

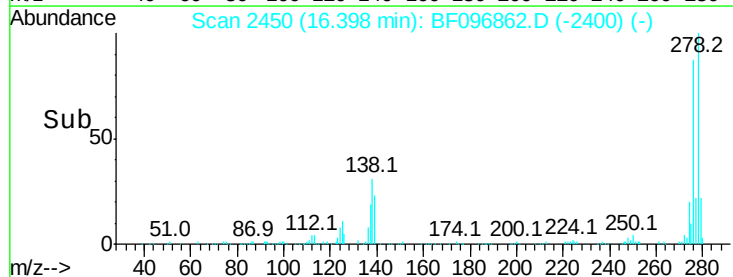
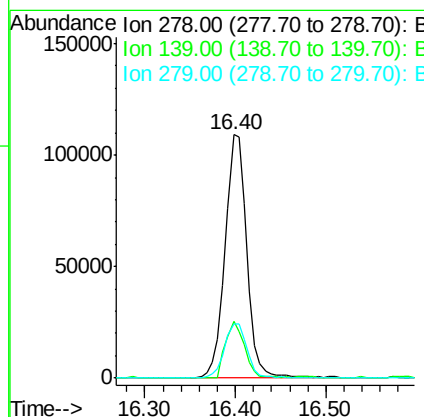
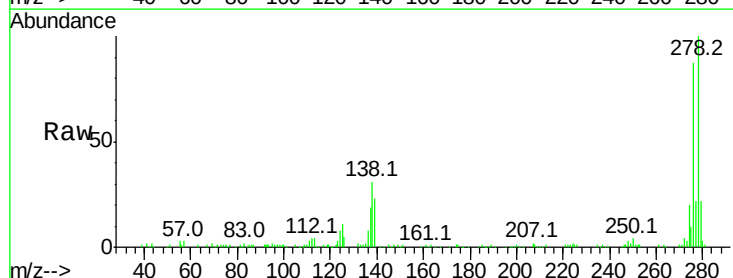
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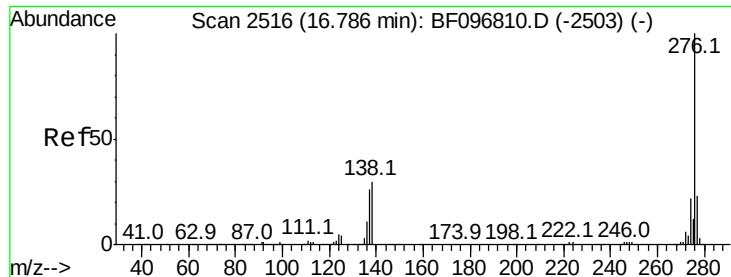
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#90
Dibenzo(a,h)anthracene
Concen: 36.059 ng
RT: 16.40 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	22.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 32.283 ng
 RT: 16.77 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Tot Ion:	276	Resp:	174440
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.6	28.0
138	28.8	25.4	38.0

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