

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098375.D
 Acq On : 9 Sep 2017 5:04
 Operator : SJ/JU
 Sample : PB102179BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Manual Integrations
 APPROVED

Sohil
 9/11/2017 4:48:04 PM

Quant Time: Sep 09 05:42:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	97813	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	353602	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	128377	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	213649	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	206331	20.00	ng	-0.02
86) Perylene-d12	15.24	264	146263	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	758349	117.93	ng	0.00
7) Phenol-d6	6.35	99	981151	112.30	ng	0.00
23) Nitrobenzene-d5	7.26	82	610214	93.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	132489	118.94	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	856537	98.03	ng	-0.02
78) Terphenyl-d14	12.79	244	635953	64.27	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	120753	33.671	ng	# 85
3) Pyridine	3.09	79	340428	34.337	ng	# 83
4) n-Nitrosodimethylamine	3.05	42	119659	31.367	ng	# 61
6) Aniline	6.35	93	211558	17.236	ng	# 63
8) 2-Chlorophenol	6.47	128	260663	38.436	ng	95
9) Benzaldehyde	6.23	77	65958	11.918	ng	86
10) Phenol	6.36	94	353553	34.599	ng	94
11) bis(2-Chloroethyl)ether	6.43	93	308642	40.018	ng	94
12) 1,3-Dichlorobenzene	6.62	146	280651m	38.473	ng	
13) 1,4-Dichlorobenzene	6.70	146	283811	38.254	ng	95
14) 1,2-Dichlorobenzene	6.86	146	260159	38.030	ng	98
15) Benzyl Alcohol	6.84	79	226492	34.624	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	353785	34.093	ng	# 29
17) 2-Methylphenol	6.96	107	223903	37.465	ng	# 88
18) Hexachloroethane	7.19	117	78667	27.045	ng	# 83
19) n-Nitroso-di-n-propylamine	7.11	70	217055	36.290	ng	# 88
20) 3+4-Methylphenols	7.12	107	301012	41.238	ng	# 65
22) Acetophenone	7.10	105	393114	42.083	ng	# 83
24) Nitrobenzene	7.27	77	308445	42.559	ng	95
25) Isophorone	7.52	82	552900	40.851	ng	100
26) 2-Nitrophenol	7.59	139	73193	30.080	ng	# 84
27) 2,4-Dimethylphenol	7.64	122	225256	39.906	ng	94
28) bis(2-Chloroethoxy)methane	7.72	93	367176	41.264	ng	99
29) 2,4-Dichlorophenol	7.84	162	174286	37.196	ng	93
30) 1,2,4-Trichlorobenzene	7.91	180	205216	39.508	ng	98
31) Naphthalene	7.99	128	712240	38.799	ng	99
32) Benzoic acid	7.80	122	14052	9.365	ng	98
33) 4-Chloroaniline	8.05	127	110862	14.320	ng	97
34) Hexachlorobutadiene	8.10	225	123394	40.686	ng	98
35) Caprolactam	8.42	113	55484	34.831	ng	91
36) 4-Chloro-3-methylphenol	8.55	107	196391	32.622	ng	# 84
37) 2-Methylnaphthalene	8.68	142	437501	38.873	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	177641	45.088	ng	99
40) Hexachlorocyclopentadiene	8.83	237	8150	4.306	ng	96

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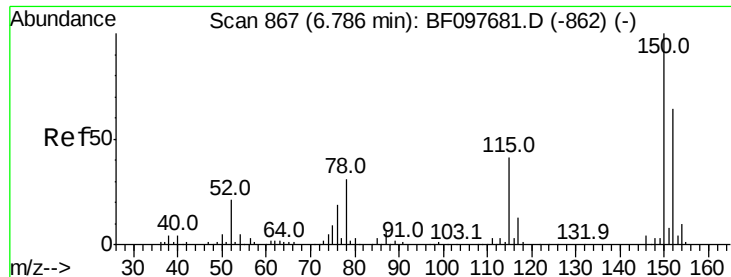
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	94664	35.788	nq	96
43) 2,4,5-Trichlorophenol	9.02	196	99658	37.977	nq	97
45) 1,1'-Biphenyl	9.15	154	497424	42.490	nq	96
46) 2-Chloronaphthalene	9.17	162	349720	40.431	nq #	92
47) 2-Nitroaniline	9.27	65	126266	43.543	nq	88
48) Acenaphthylene	9.58	152	538681	39.657	nq	99
49) Dimethylphthalate	9.45	163	439771	46.864	nq	99
50) 2,6-Dinitrotoluene	9.52	165	79714	42.557	nq #	81
51) Acenaphthene	9.75	154	317263	37.034	nq	100
52) 3-Nitroaniline	9.68	138	97969	40.538	nq	87
53) 2,4-Dinitrophenol	9.81	184	896	11.020	nq #	74
54) Dibenzofuran	9.93	168	463183	40.342	nq	96
55) 4-Nitrophenol	9.87	139	93618	48.561	nq #	48
56) 2,4-Dinitrotoluene	9.92	165	87480	37.214	nq #	45
57) Fluorene	10.27	166	340984	38.413	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.05	232	68522	33.727	nq #	90
59) Diethylphthalate	10.15	149	419846	42.784	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	170930	41.448	nq	89
61) 4-Nitroaniline	10.30	138	97194	42.315	nq	85
62) Azobenzene	10.42	77	430486	36.931	nq	92
64) 4,6-Dinitro-2-methylphenol	10.33	198	1851	9.841	nq	89
65) n-Nitrosodiphenylamine	10.38	169	310850	42.726	nq	99
66) 4-Bromophenyl-phenylether	10.74	248	97235	43.827	nq	99
67) Hexachlorobenzene	10.82	284	92063	40.712	nq #	91
68) Atrazine	10.91	200	87040	45.112	nq	97
69) Pentachlorophenol	11.02	266	33386	25.321	nq	97
70) Phenanthrene	11.23	178	463337	40.698	nq	98
71) Anthracene	11.28	178	479230	41.502	nq	98
72) Carbazole	11.44	167	450717	41.121	nq	97
73) Di-n-butylphthalate	11.77	149	605375	47.950	nq	99
74) Fluoranthene	12.42	202	522407	43.962	nq	97
76) Benzidine	12.54	184	269690m	39.865	nq	
77) Pyrene	12.64	202	539742	31.984	nq	97
79) Butylbenzylphthalate	13.26	149	268071	41.432	nq #	75
80) Benzo(a)anthracene	13.83	228	468019	37.846	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	133221	31.925	nq #	95
82) Chrysene	13.87	228	467720	38.021	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	372637	51.975	nq #	99
84) Di-n-octyl phthalate	14.43	149	714018	57.237	nq	97
85) Indeno(1,2,3-cd)pyrene	16.60	276	314106	34.710	nq	97
87) Benzo(b)fluoranthene	14.85	252	419417	45.493	nq	97
88) Benzo(k)fluoranthene	14.87	252	361849	41.776	nq #	95
89) Benzo(a)pyrene	15.19	252	350368	42.928	nq	99
90) Dibenzo(a,h)anthracene	16.62	278	267062	40.192	nq	98
91) Benzo(g,h,i)perylene	17.01	276	252853	36.470	nq	93

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



#1

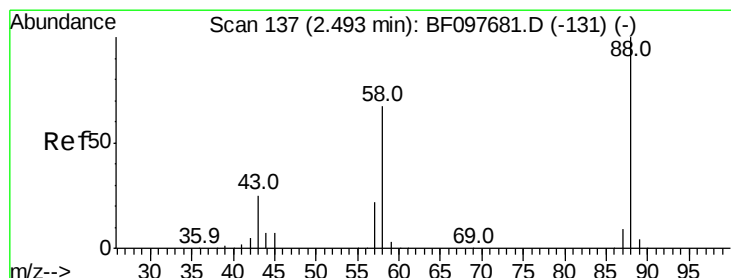
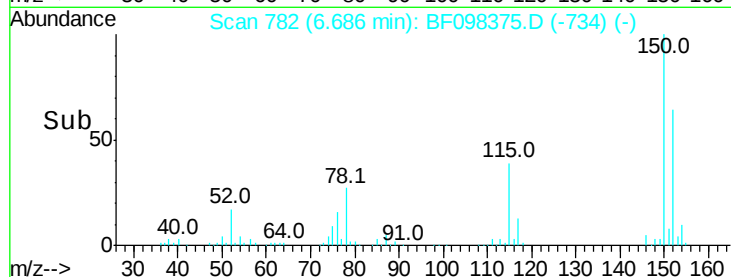
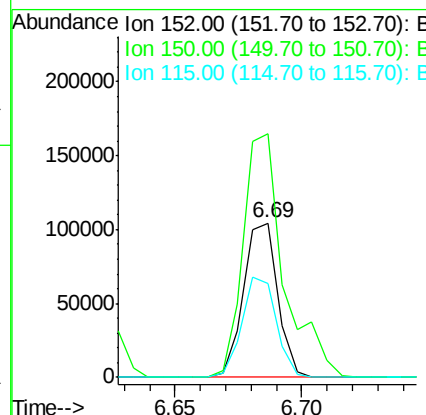
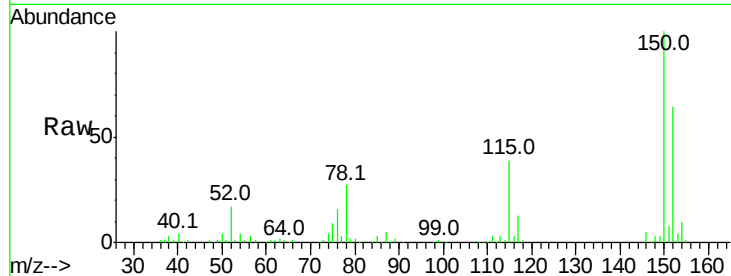
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	61.0	52.2	78.2

Manual Integrations
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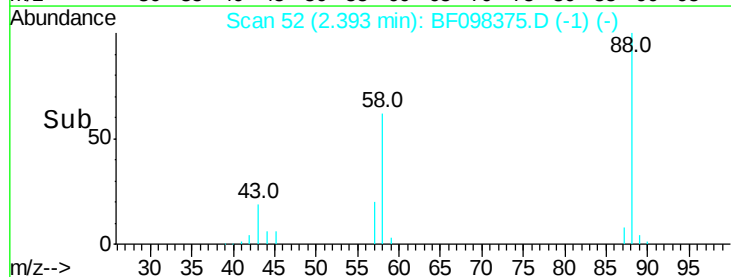
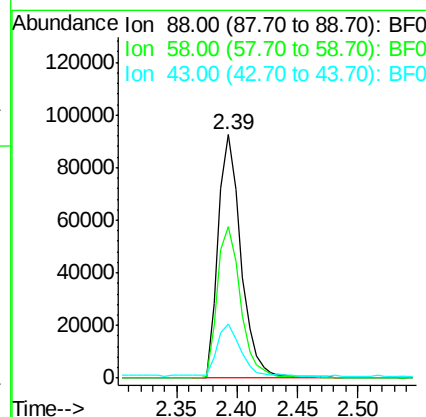
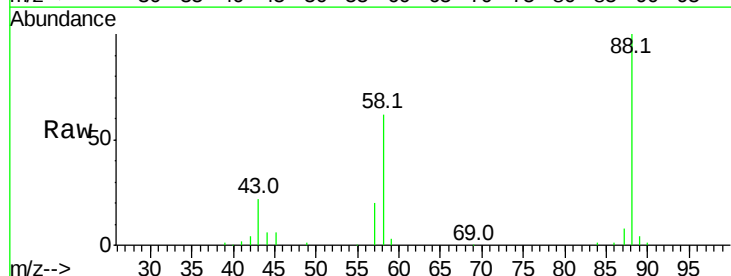
Sohil
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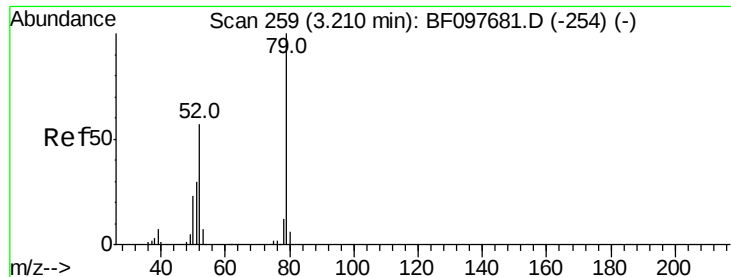


#2

1,4-Dioxane
Concen: 33.671 ng
RT: 2.39 min Scan# 52
Delta R.T. 0.07 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.1	61.4	92.0
43	21.6	23.4	35.0





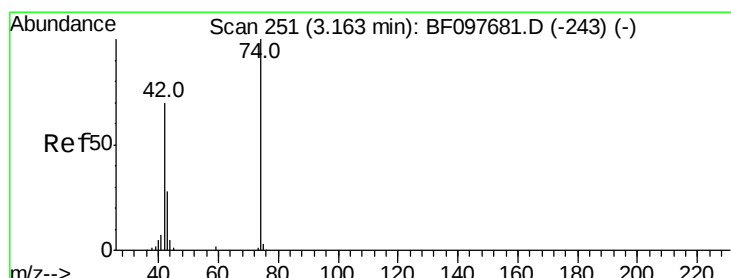
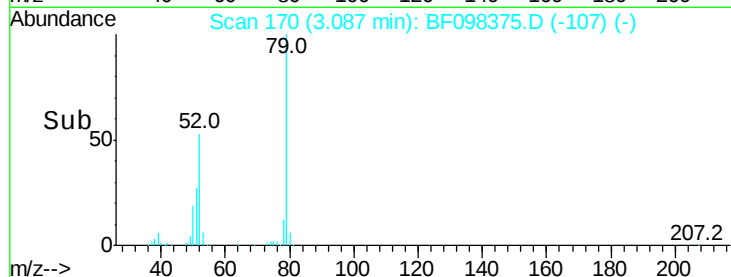
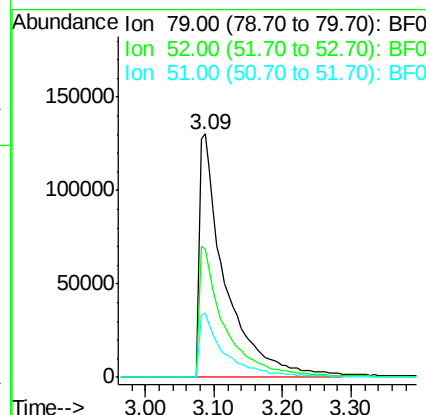
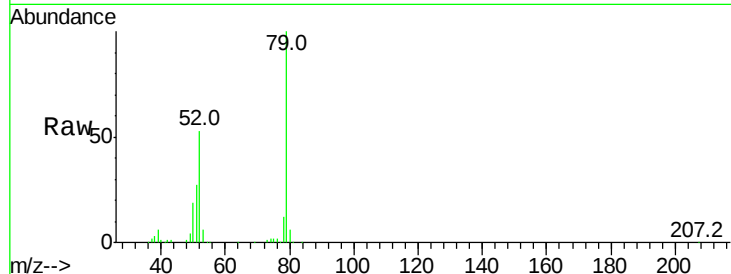
#3
 Pvridine
 Concen: 34.337 ng
 RT: 3.09 min Scan# 170
 Delta R.T. 0.07 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	52.7	54.8	82.2#
51	26.6	27.0	40.4#

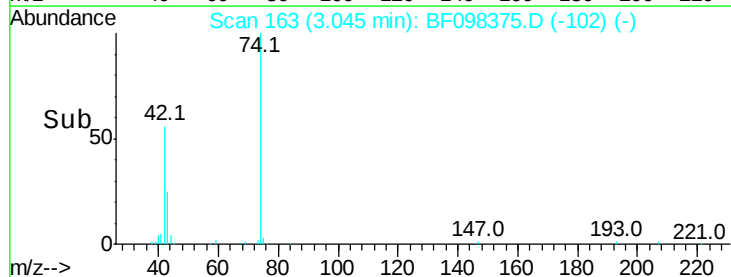
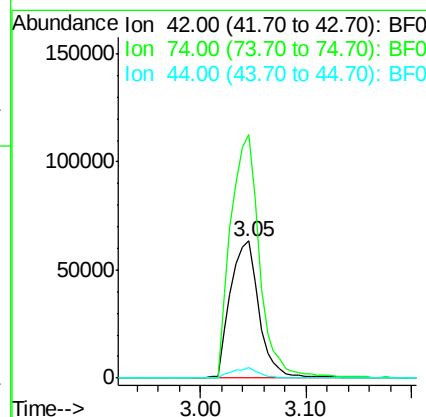
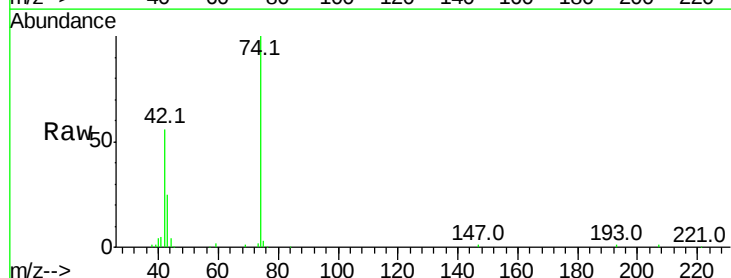
Manual Integrations
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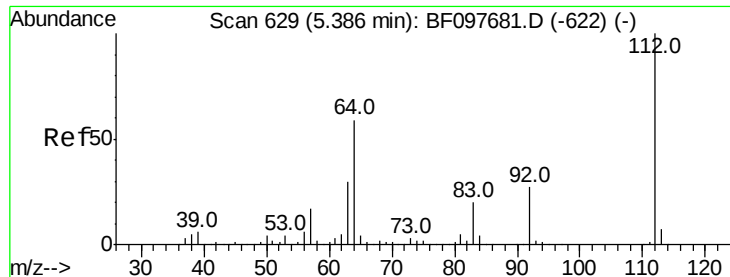
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#4
 n-Nitrosodimethylamine
 Concen: 31.367 ng
 RT: 3.05 min Scan# 163
 Delta R.T. 0.06 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	177.3	103.9	155.9#
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 117.930 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

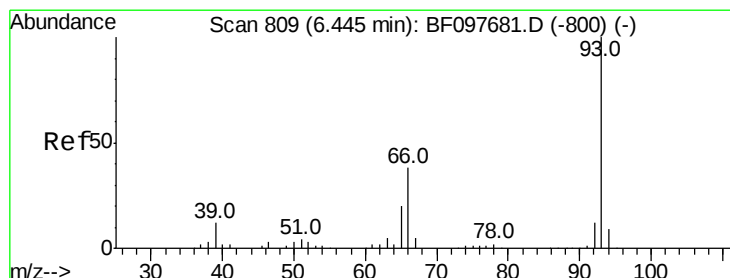
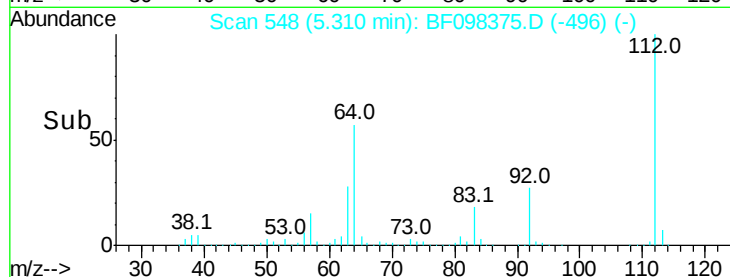
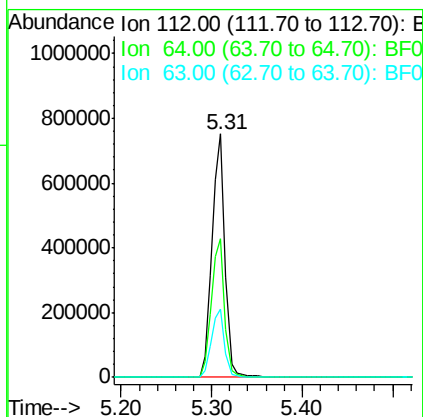
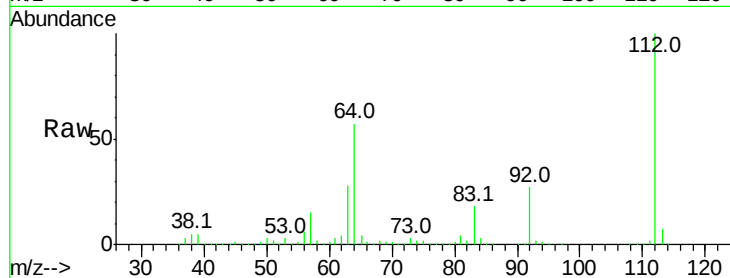
ClientSampled :

PB102179BS

Tot Ion:	112	Resp:	758349
Ion Ratio	Lower	Upper	
112	100		
64	56.8	46.0	69.0
63	27.8	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 17.236 ng

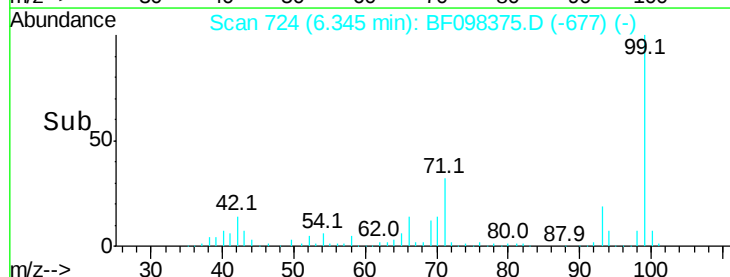
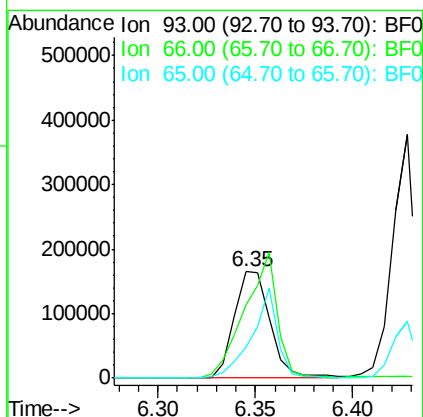
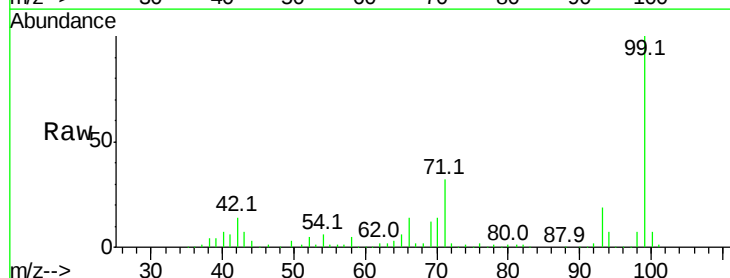
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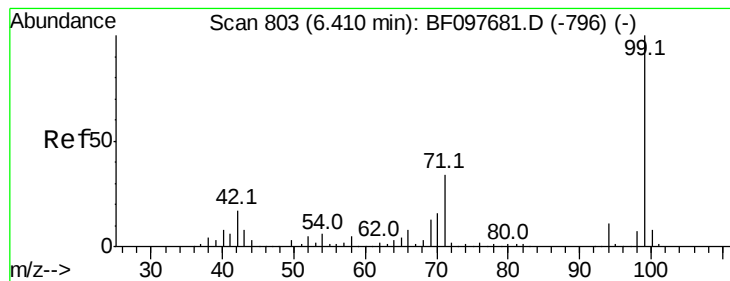
Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Tgt Ion:	93	Resp:	211558
Ion Ratio	Lower	Upper	
93	100		
66	69.5	32.9	49.3#
65	29.0	16.0	24.0#





#7

Phenol-d6

Concen: 112.295 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

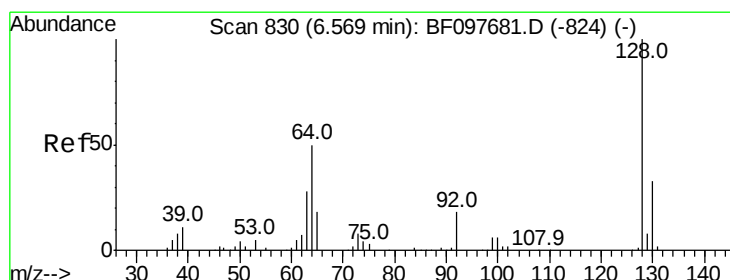
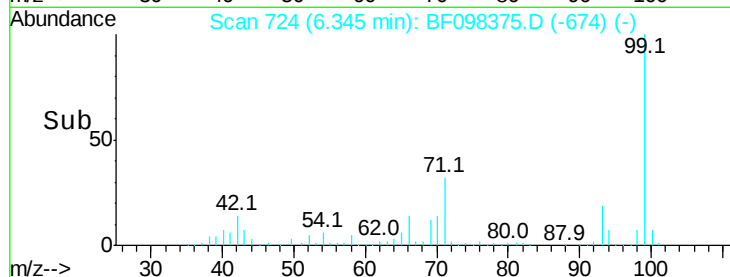
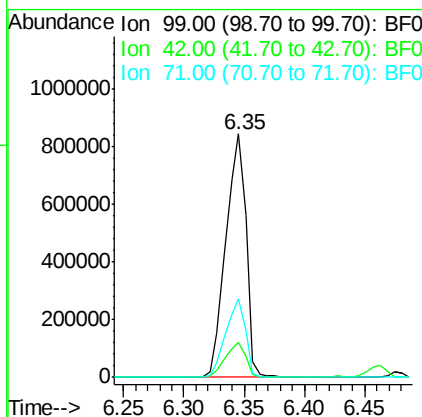
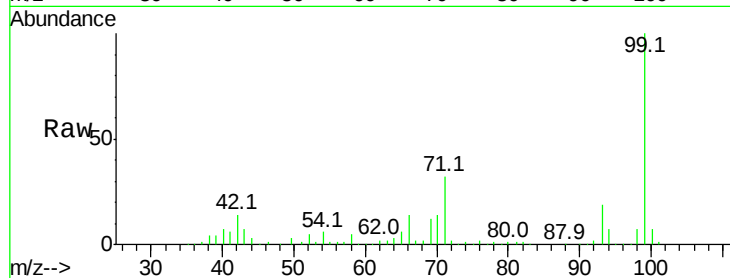
ClientSampled :

PB102179BS

Tot Ion:	99	Resp:	981151
Ion Ratio	Lower	Upper	
99	100		
42	14.3	13.5	20.3
71	32.3	24.5	36.7

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#8

2-Chlorophenol

Concen: 38.436 ng

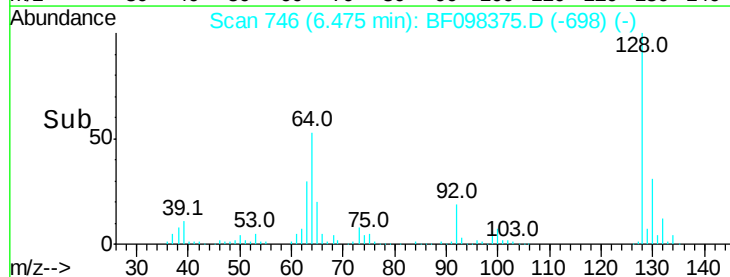
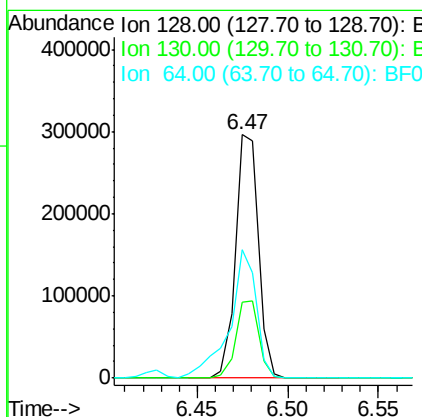
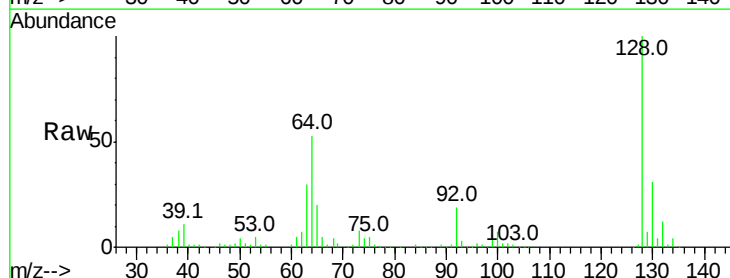
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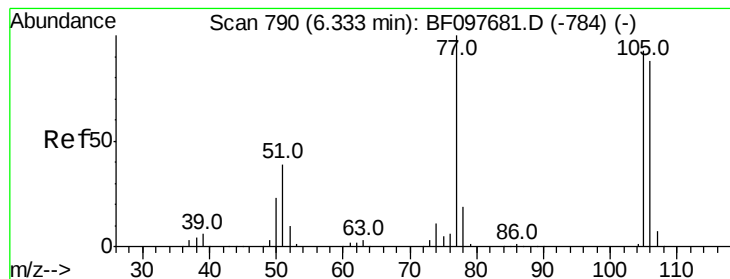
Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Tgt Ion:	128	Resp:	260663
Ion Ratio	Lower	Upper	
128	100		
130	31.2	12.9	52.9
64	52.5	28.4	68.4





#9

Benzaldehyde

Concen: 11.918 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

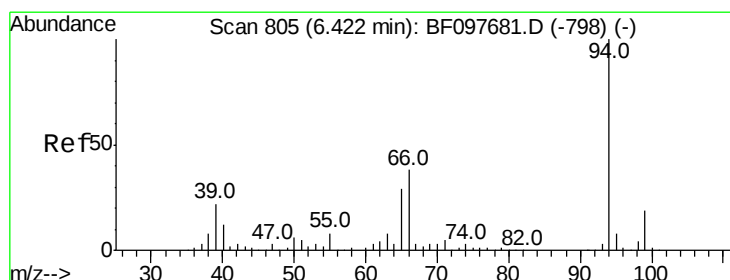
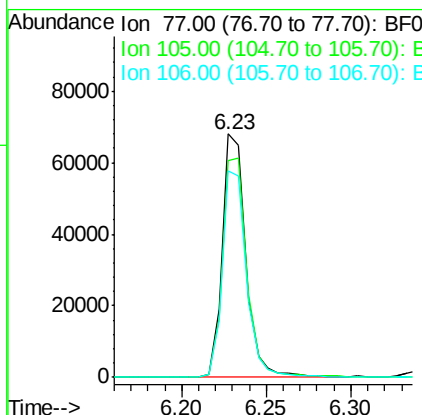
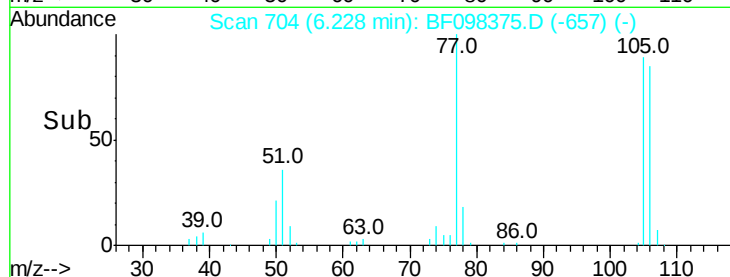
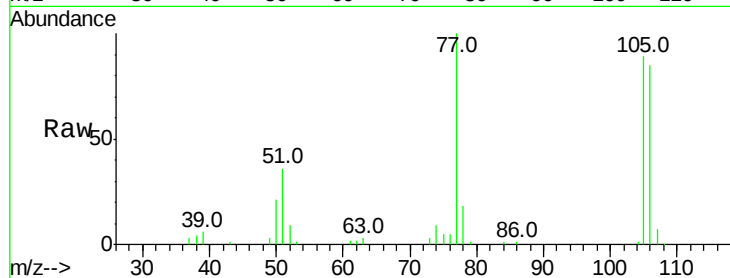
ClientSampleId :

PB102179BS

Tot Ion:	77	Resp:	65958
Ion	Ratio	Lower	Upper
77	100		
105	89.1	83.8	123.8
106	84.9	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 34.599 ng

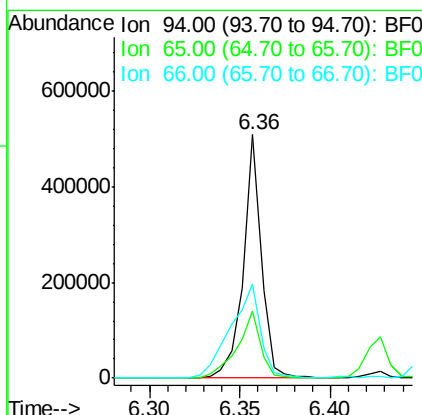
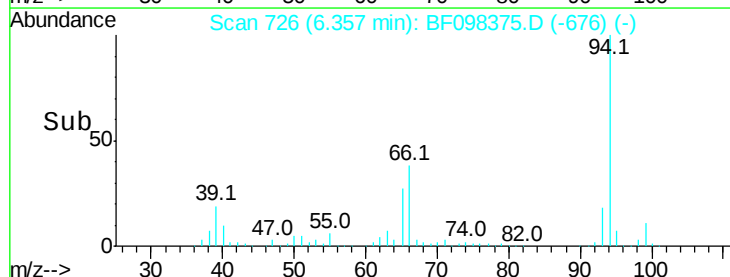
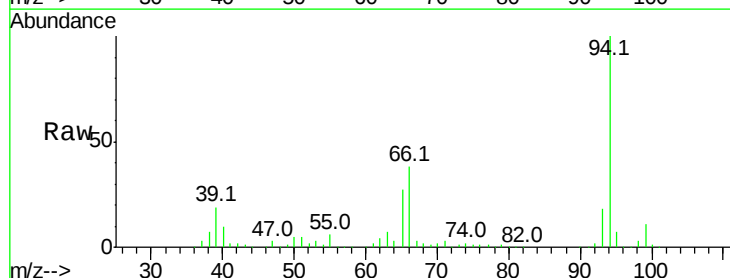
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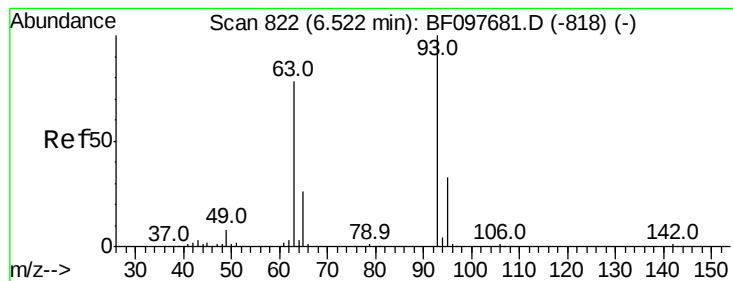
Delta R.T. -0.01 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Tgt Ion:	94	Resp:	353553
Ion	Ratio	Lower	Upper
94	100		
65	27.5	9.9	49.9
66	38.5	23.1	63.1





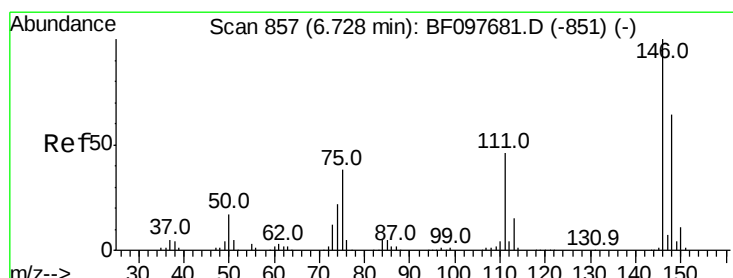
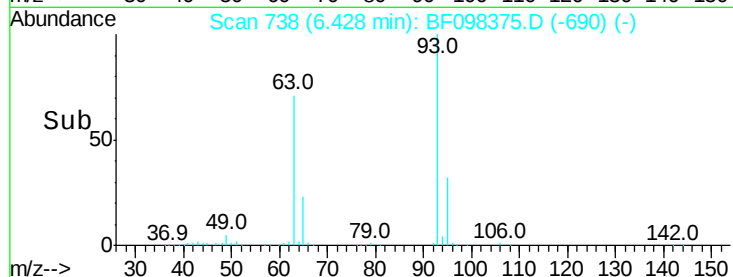
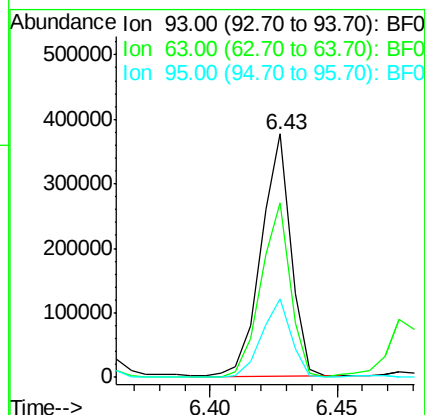
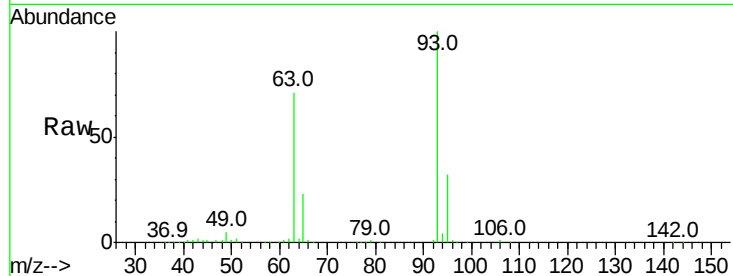
#11
bis(2-Chloroethyl)ether
Concen: 40.018 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	59.2	99.2
95	32.5	12.8	52.8

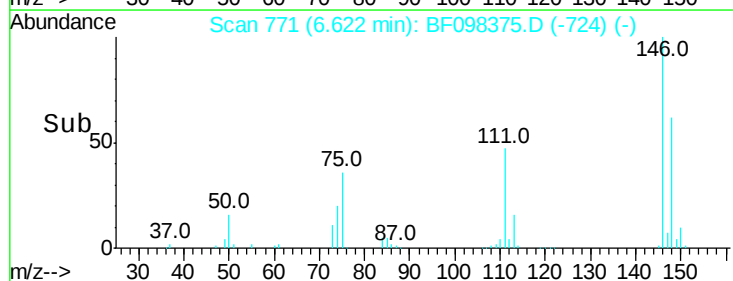
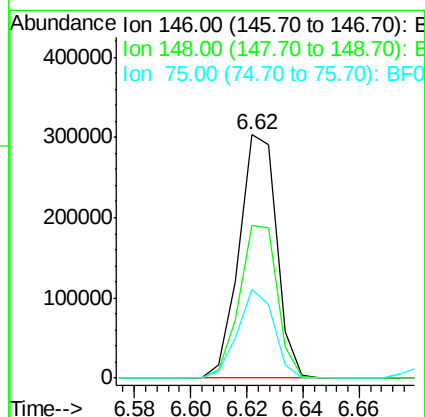
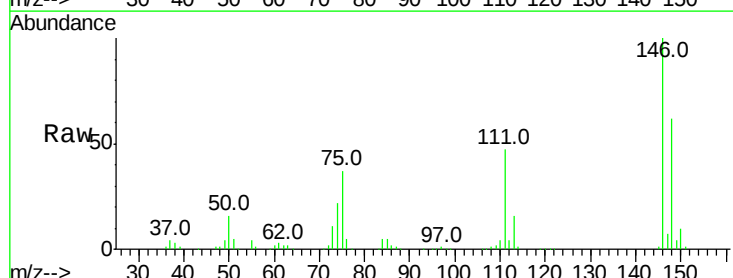
Manual Integrations
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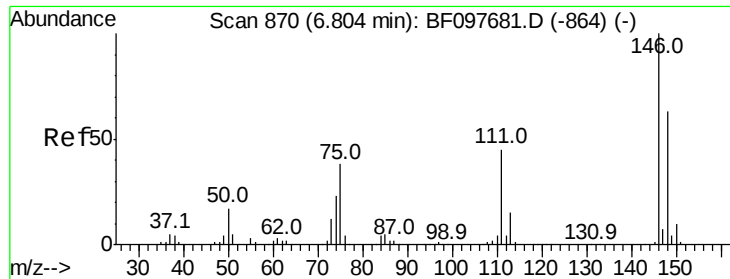
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.473 ng m
RT: 6.62 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.8	77.6
75	36.7	23.1	34.7#





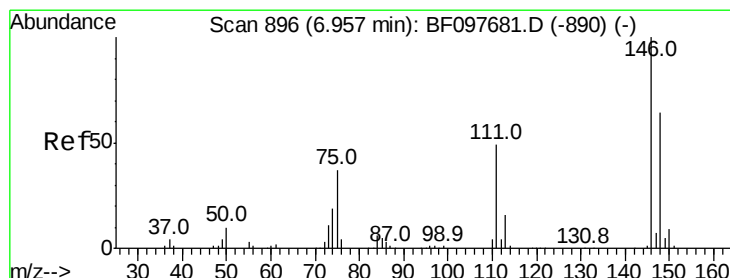
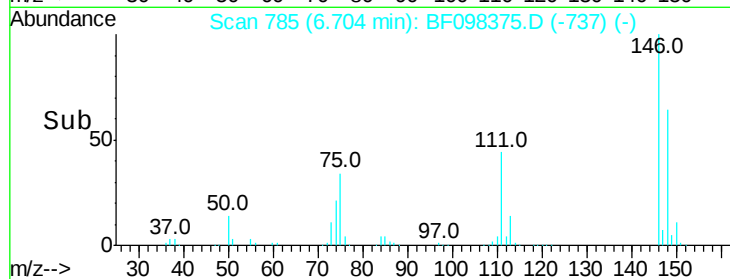
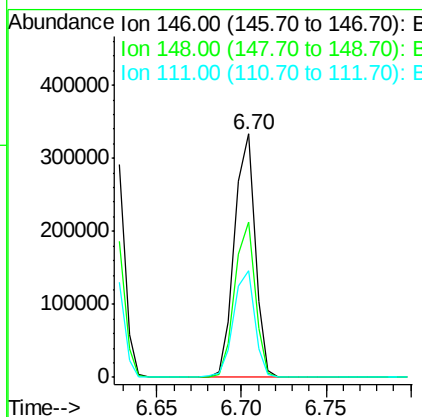
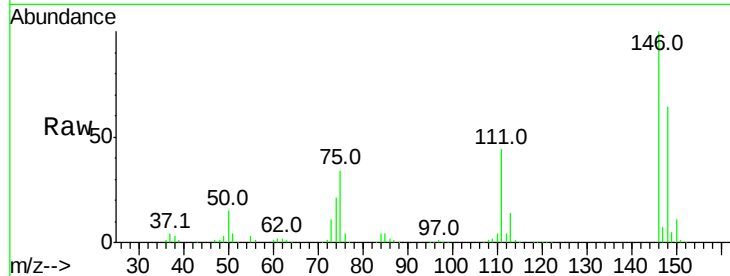
#13
 1,4-Dichlorobenzene
 Concen: 38.254 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampled :
 PB102179BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	43.8	30.3	45.5

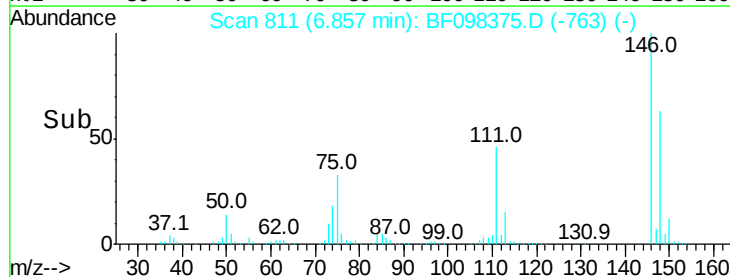
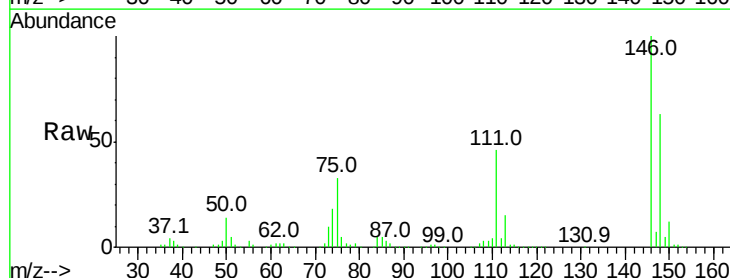
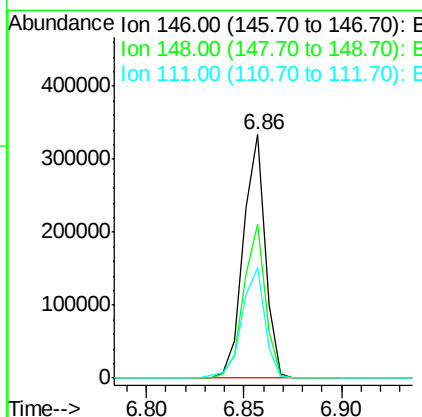
Manual Integrations
 APPROVED

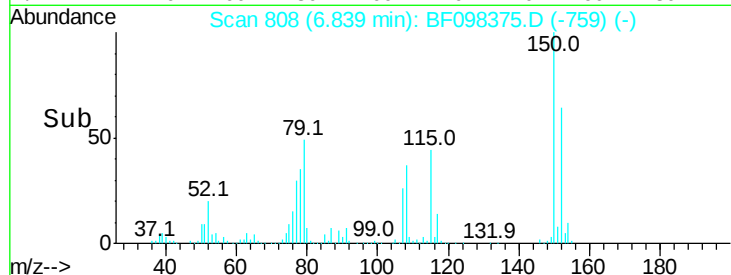
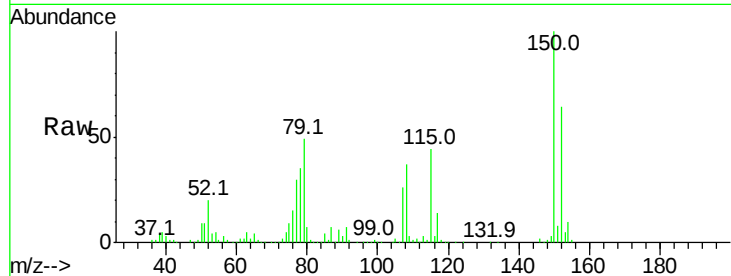
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.030 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	45.5	38.2	57.4





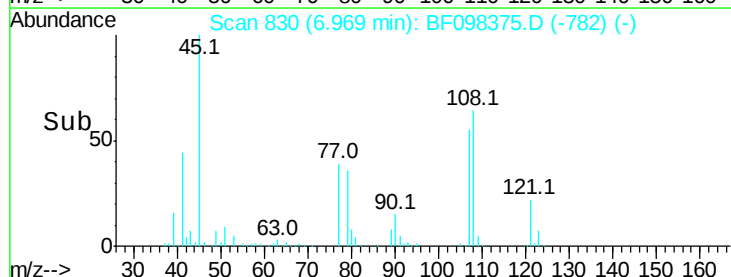
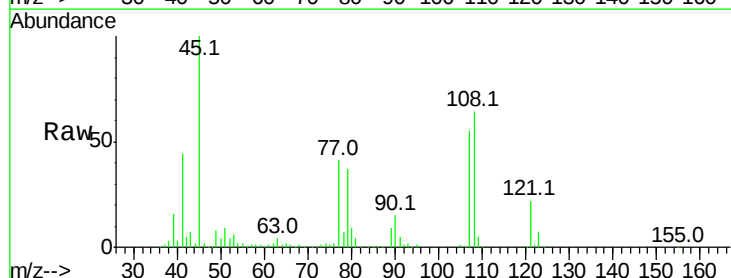
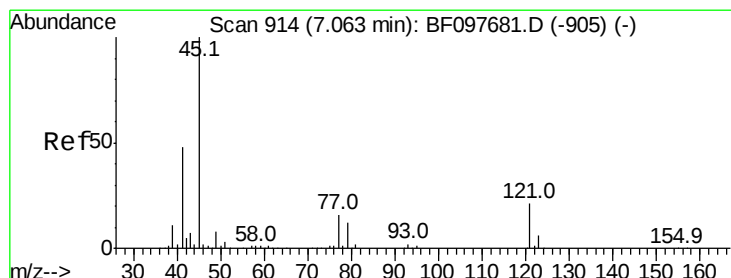
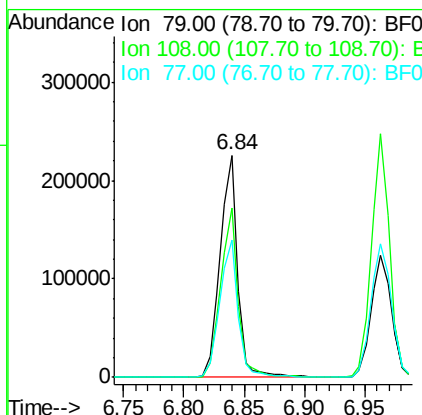
#15
Benzyl Alcohol
Concen: 34.624 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.4	63.4	95.0	
77	61.9	49.2	73.8	

Instrument :
BNA_F
ClientSampleId :
PB102179BS

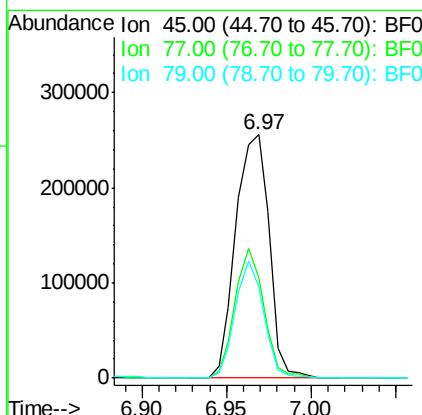
Manual Integrations
APPROVED

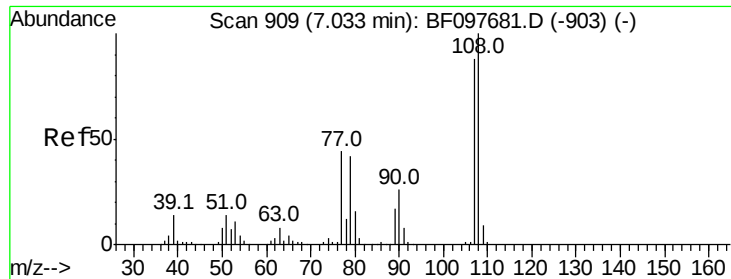
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.093 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	40.9	0.0	33.2#	
79	37.5	0.0	30.0#	





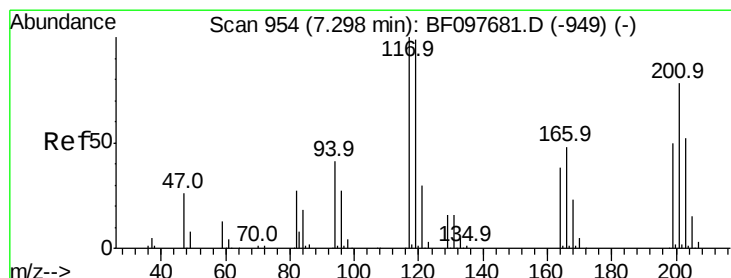
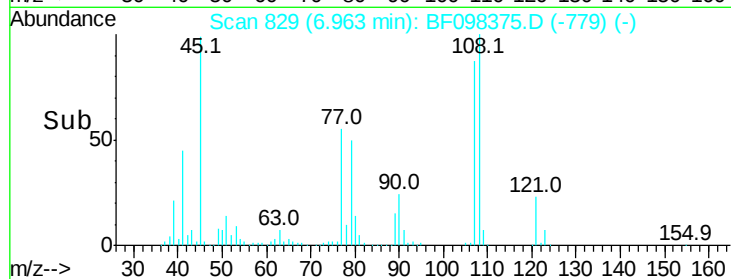
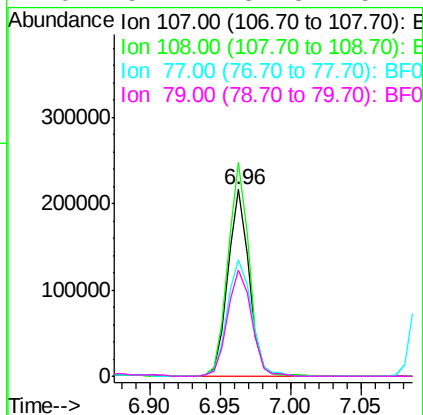
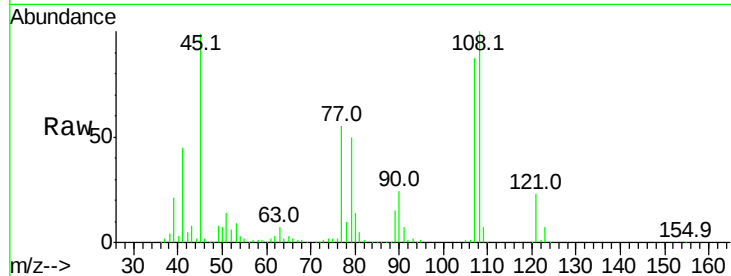
#17
2-Methylphenol
Concen: 37.465 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	93.4	140.0	
77	62.7	35.8	53.6#	
79	57.1	34.8	52.2#	

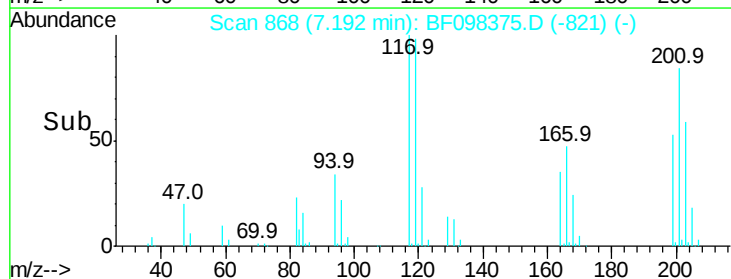
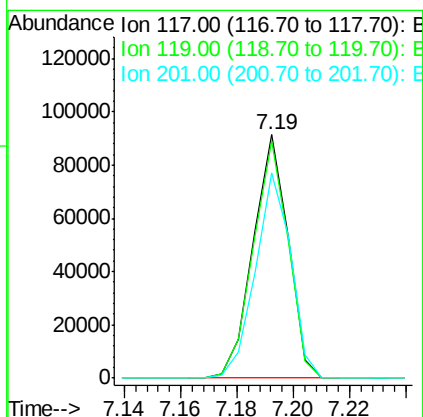
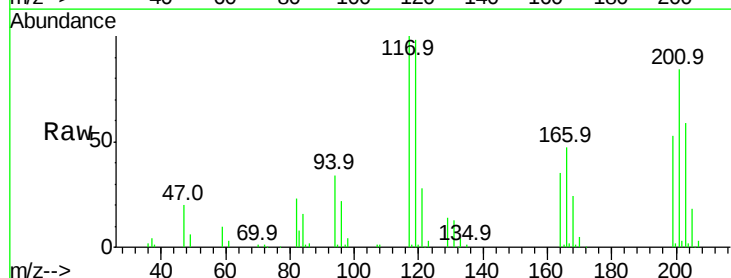
Manual Integrations
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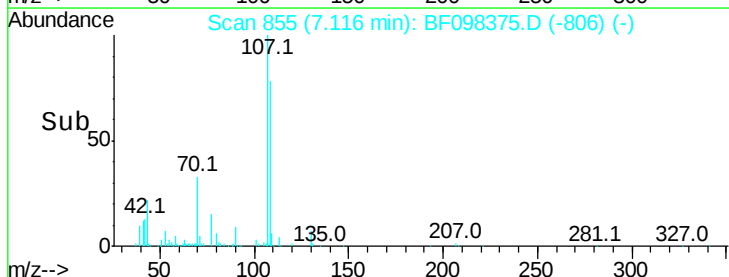
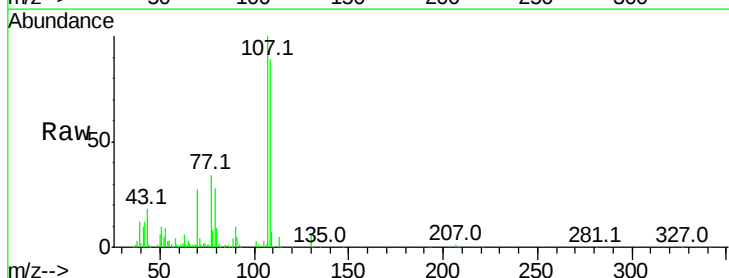
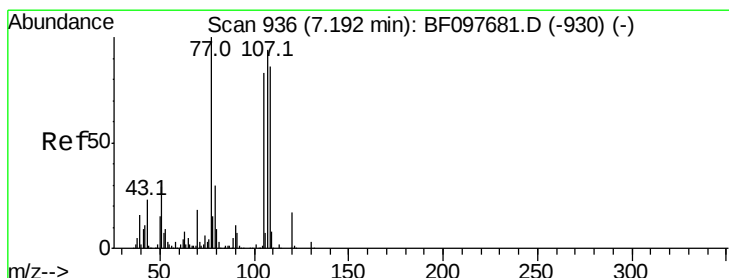
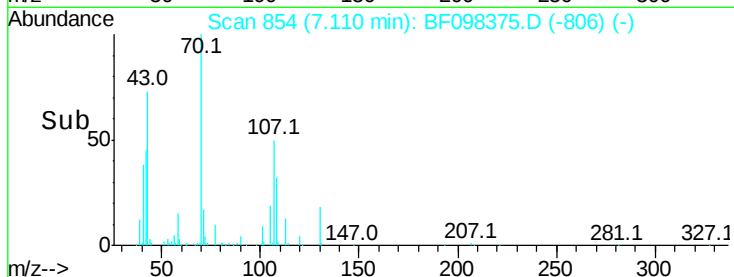
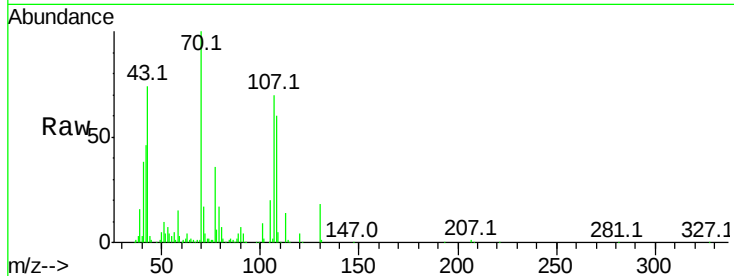
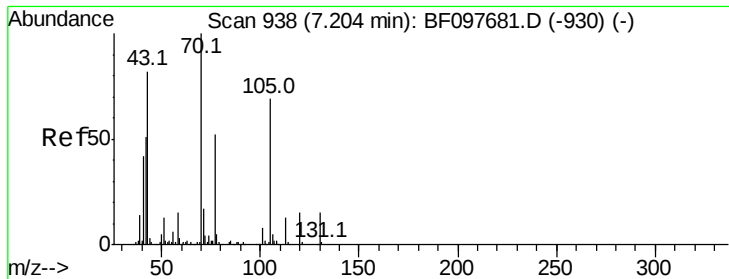
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#18
Hexachloroethane
Concen: 27.045 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

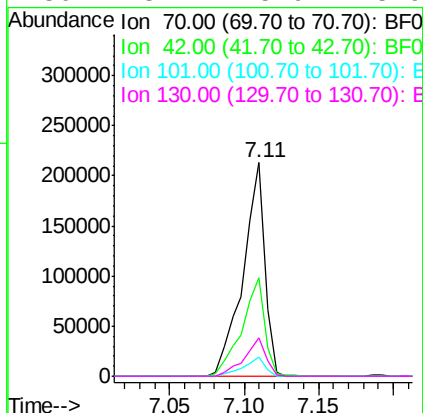
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	77.4	116.0	
201	84.4	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 36.290 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.2	70.8#
101	9.1	7.2	10.8
130	18.2	15.9	23.9



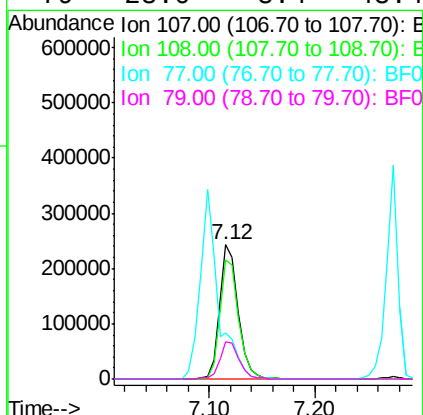
Instrument :
BNA_F
ClientSampleId :
PB102179BS

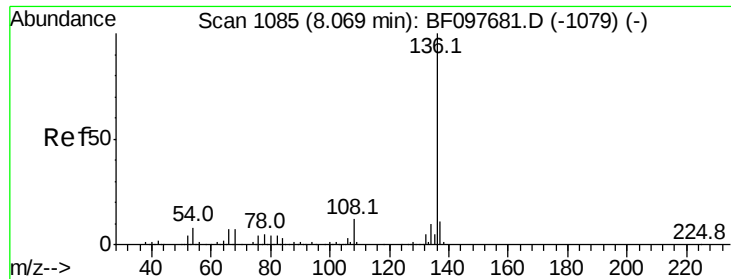
Manual Integrations
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#20
3+4-Methylphenols
Concen: 41.238 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	71.0	111.0
77	34.3	90.5	130.5#
79	28.0	8.4	48.4





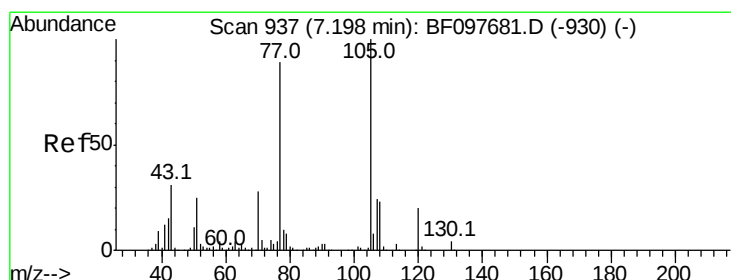
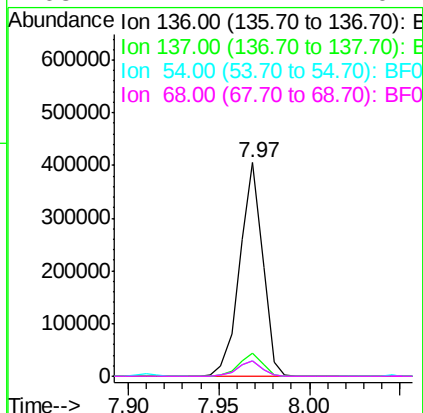
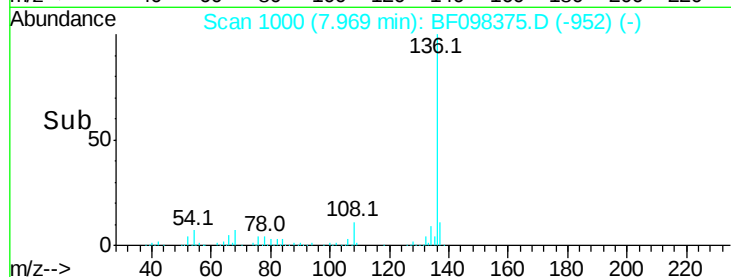
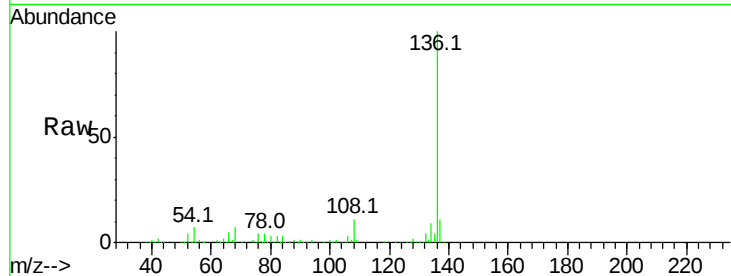
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	7.3	4.9	7.3	
68	7.2	4.1	6.1#	

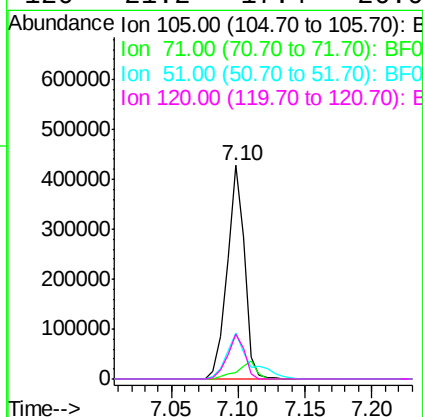
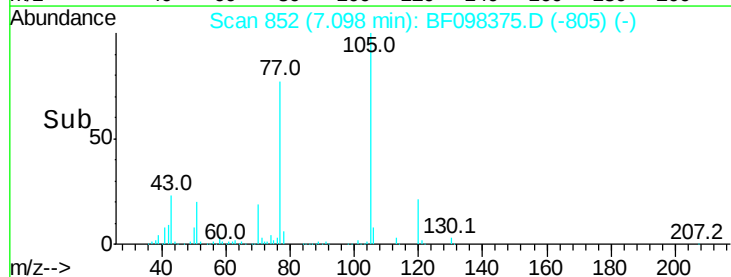
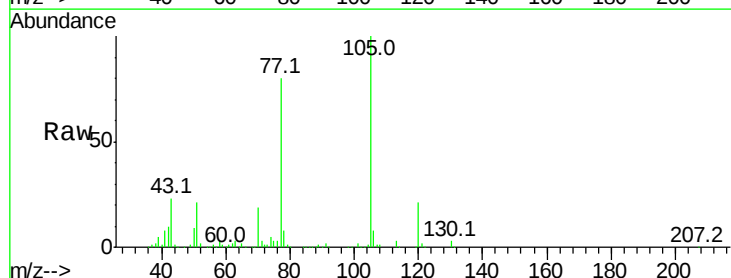
Manual Integrations
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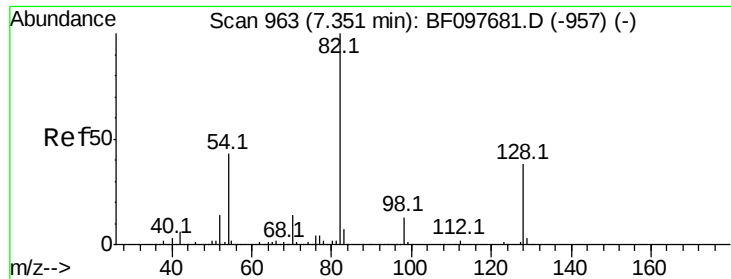
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#22
Acetophenone
Concen: 42.083 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	2.8	4.2	
51	21.4	30.7	46.1#	
120	21.2	17.4	26.0	





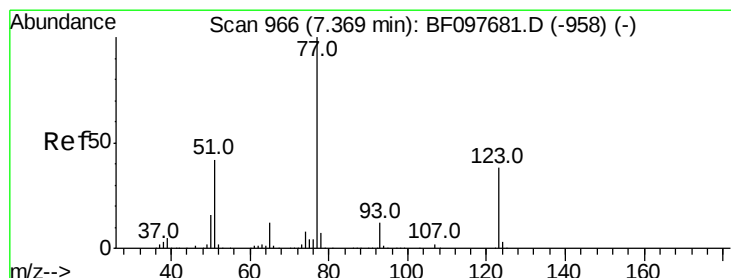
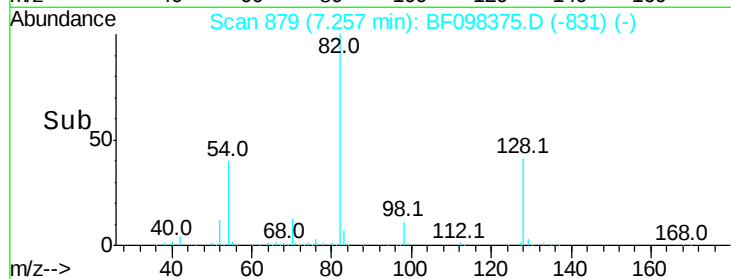
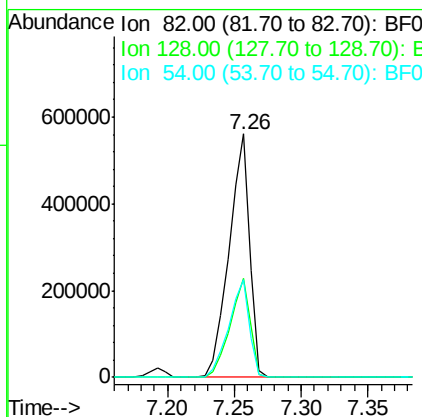
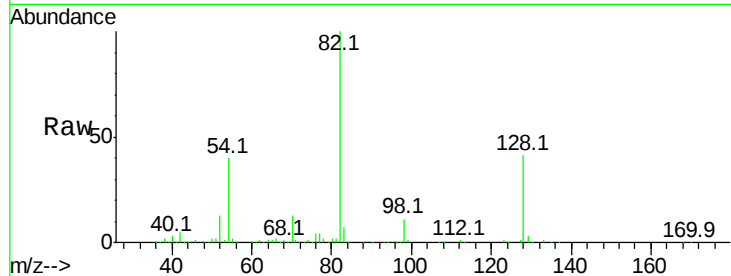
#23
 Nitrobenzene-d5
 Concen: 93.748 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	610214		
128	40.9	34.0	51.0	
54	39.9	42.2	63.2	

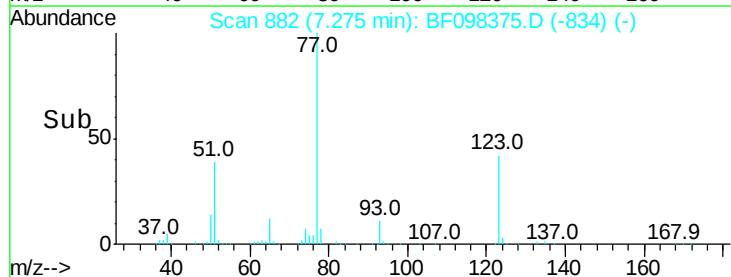
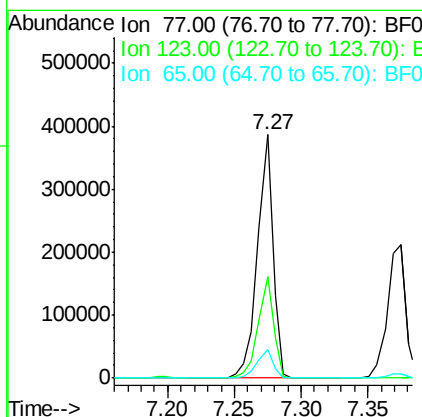
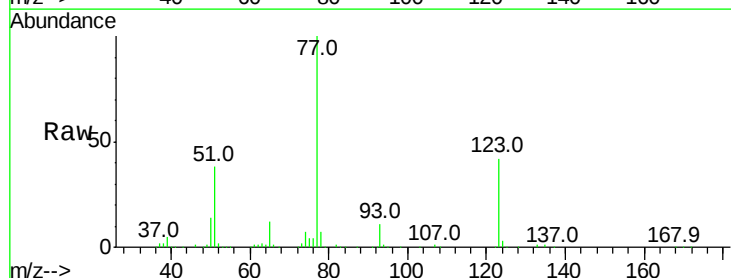
Manual Integrations
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#24
 Nitrobenzene
 Concen: 42.559 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	308445		
123	41.5	35.8	53.8	
65	11.7	10.6	15.8	





#25

Isophorone

Concen: 40.851 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

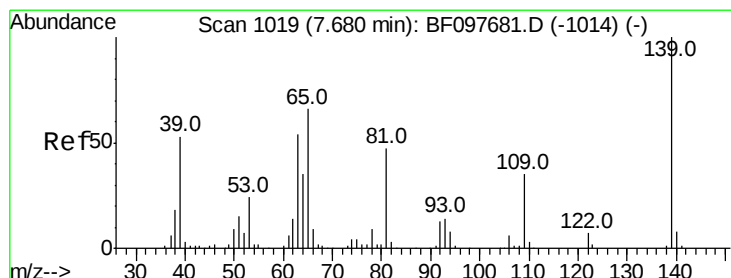
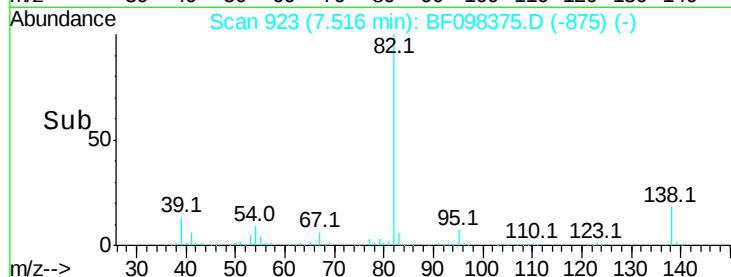
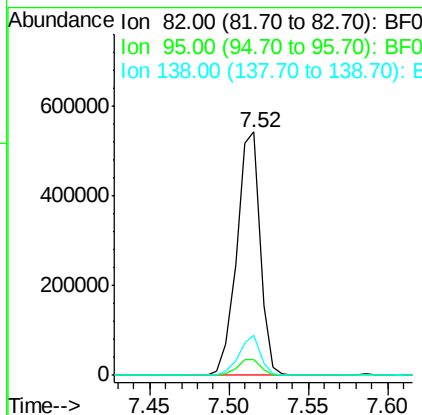
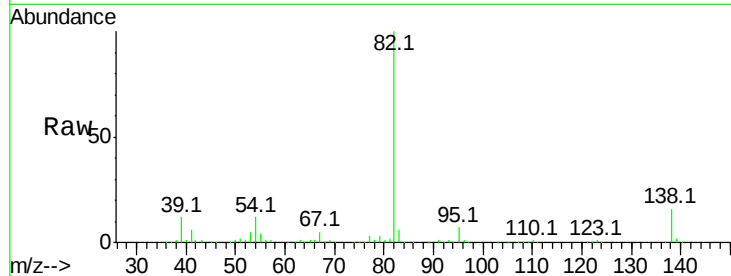
ClientSampleId :

PB102179BS

Tot Ion:	82	Resp:	552900
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.3	7.9
138	16.4	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 30.080 ng

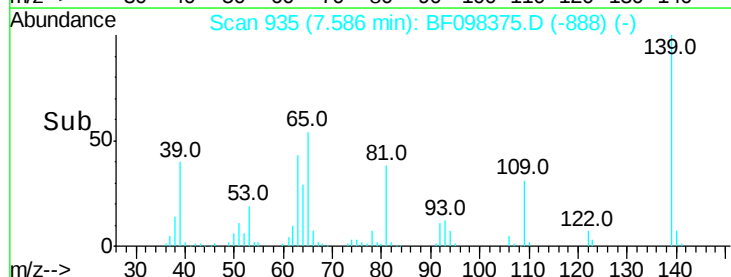
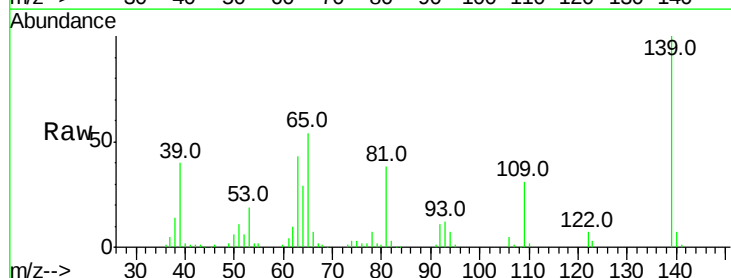
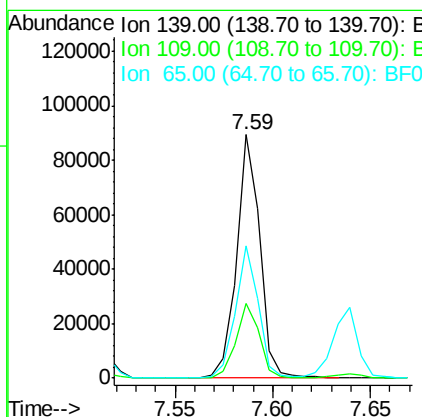
RT: 7.59 min Scan# 935

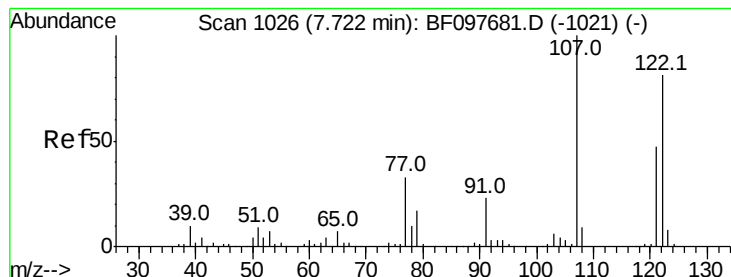
Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Tgt Ion:	139	Resp:	73193
Ion Ratio		Lower	Upper
139	100		
109	30.6	21.0	31.6
65	54.4	33.0	49.6#





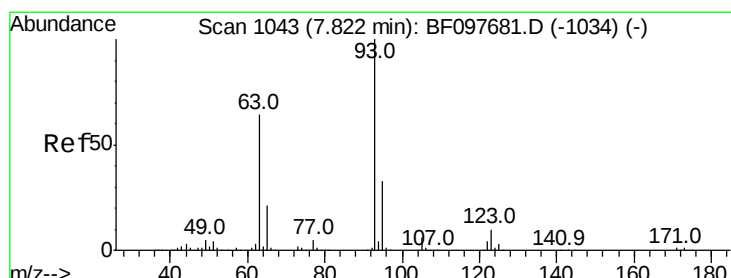
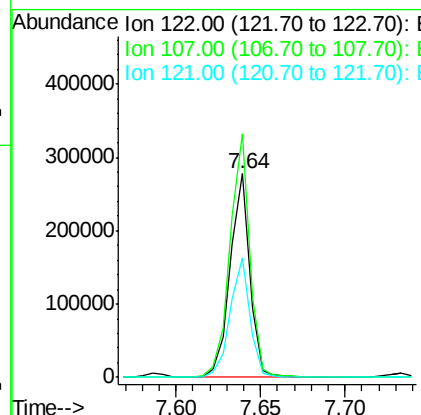
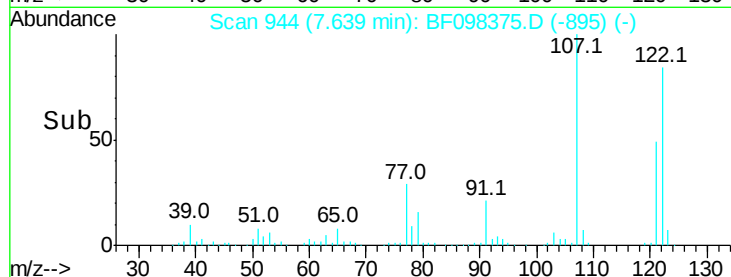
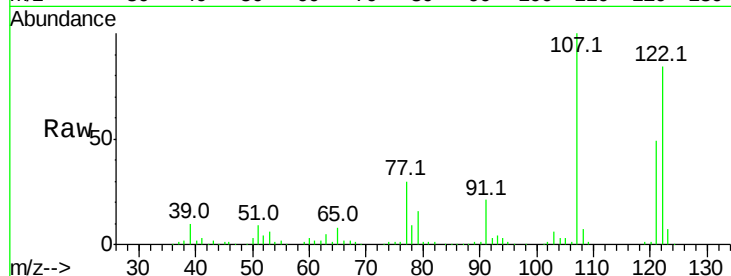
#27
 2,4-Dimethylphenol
 Concen: 39.906 ng
 RT: 7.64 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampled :
 PB102179BS

Tot Ion:	122	Resp:	225256
Ion Ratio	Lower	Upper	
122	100		
107	119.5	89.2	133.8
121	58.4	45.2	67.8

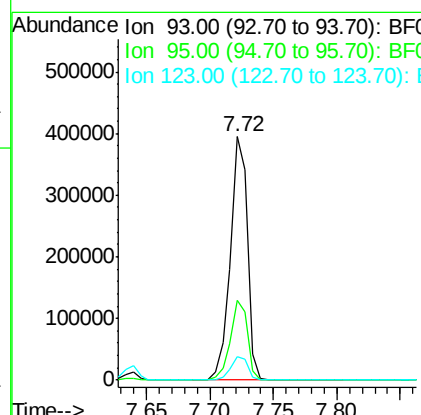
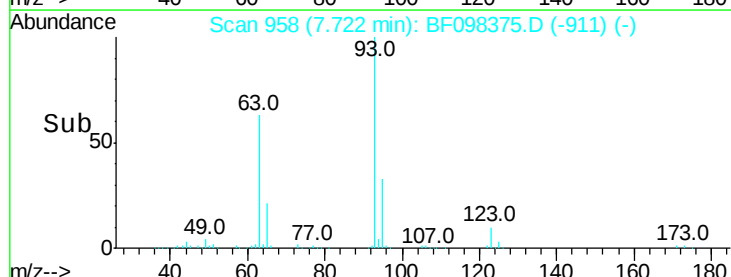
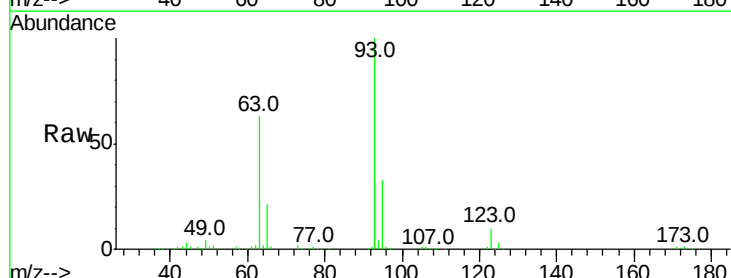
Manual Integrations
 APPROVED

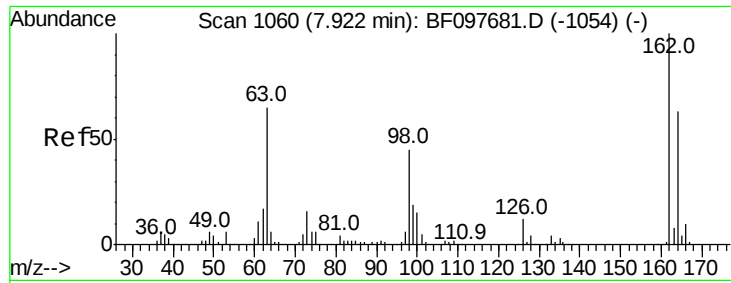
Sohil
 9/11/2017 4:48:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.264 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion:	93	Resp:	367176
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.5	39.7
123	9.6	9.0	13.4





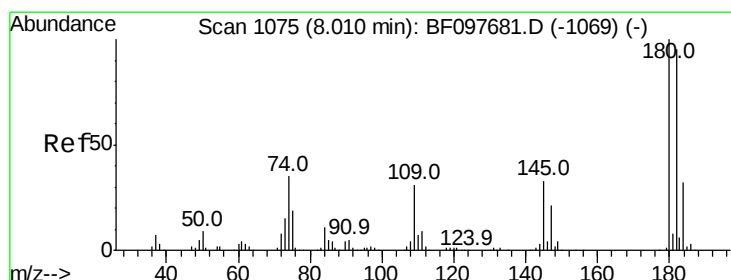
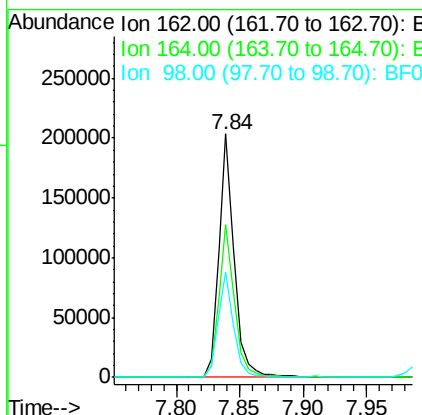
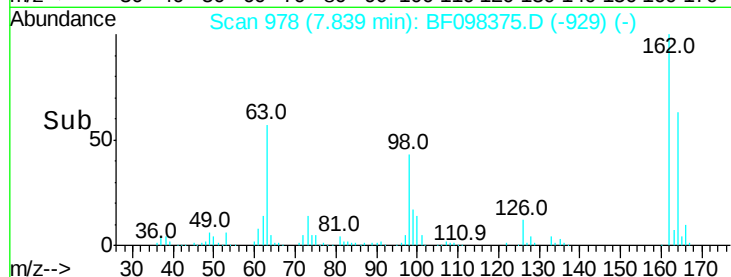
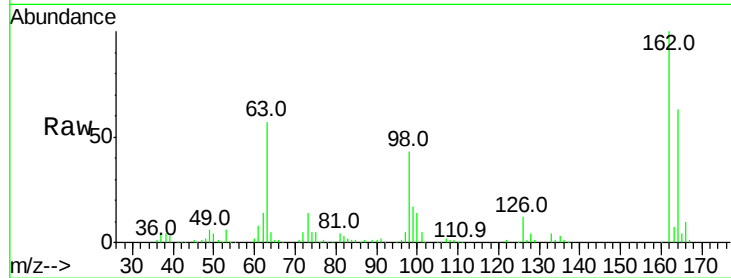
#29
 2,4-Dichlorophenol
 Concen: 37.196 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampled :
 PB102179BS

Tot Ion:	162	Resp:	174286
Ion Ratio	Lower	Upper	
162	100		
164	62.9	44.6	84.6
98	43.3	14.8	54.8

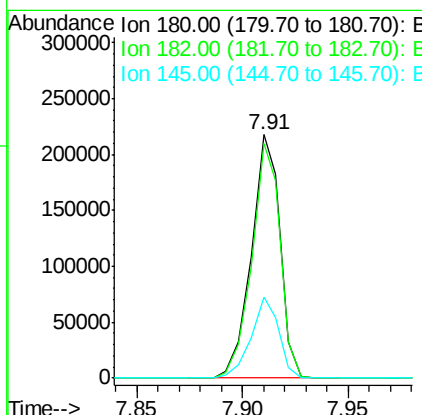
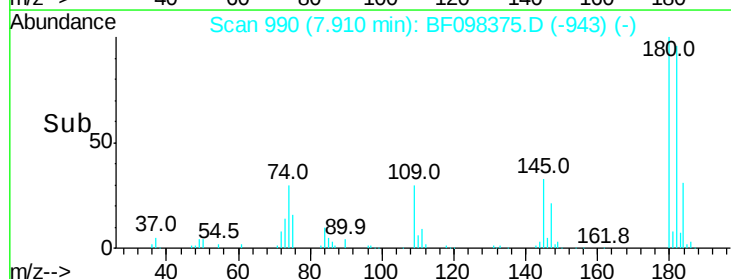
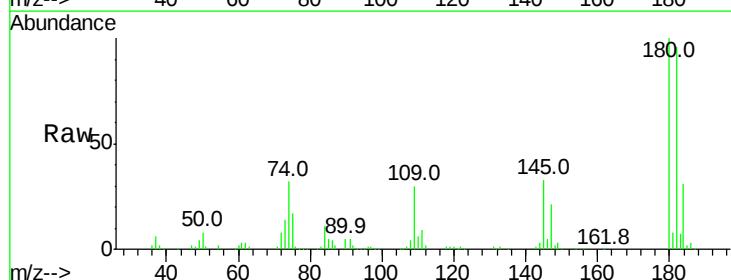
Manual Integrations
 APPROVED

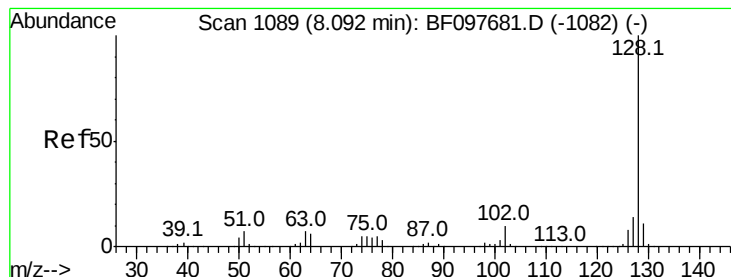
Sohil
 9/11/2017 4:48:04 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.508 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion:	180	Resp:	205216
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.8	113.6
145	33.5	25.3	37.9





#31

Naphthalene

Concen: 38.799 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

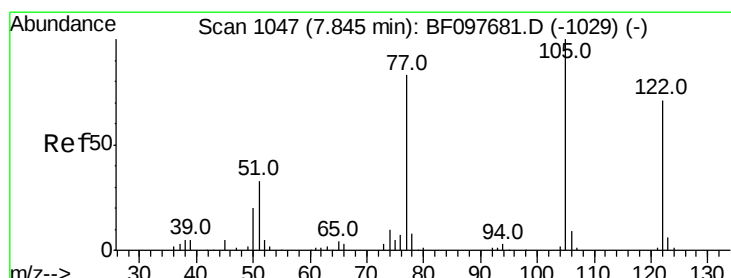
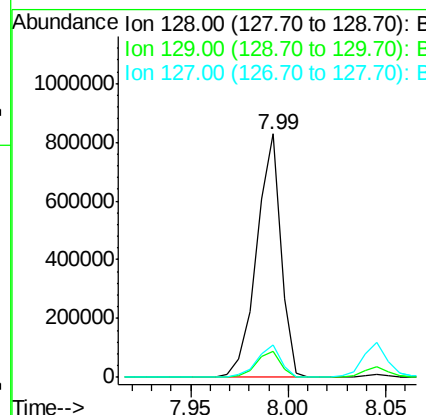
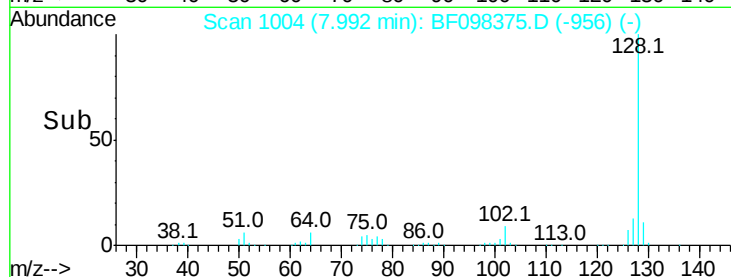
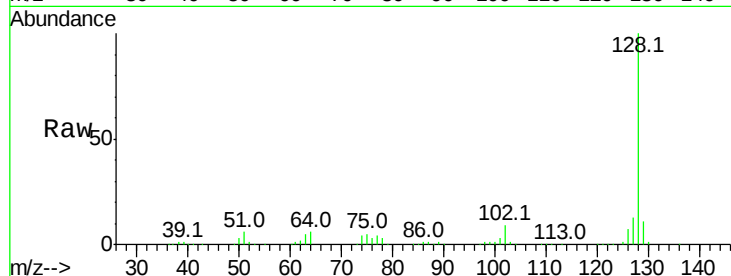
ClientSampled :

PB102179BS

Tot Ion:	128	Resp:	712240
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.6
127	13.4	10.8	16.2

Manual Integrations
APPROVED

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#32

Benzoic acid

Concen: 9.365 ng

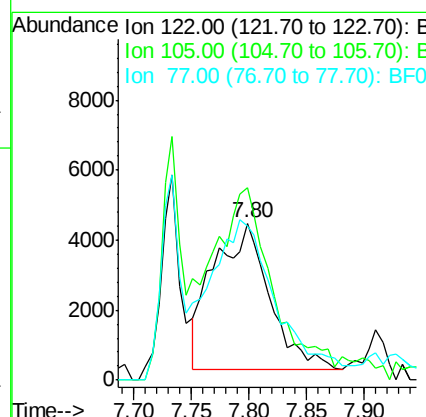
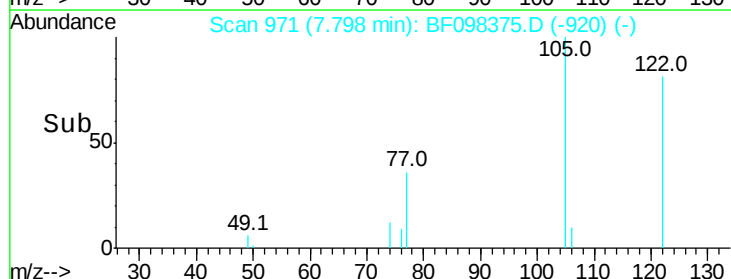
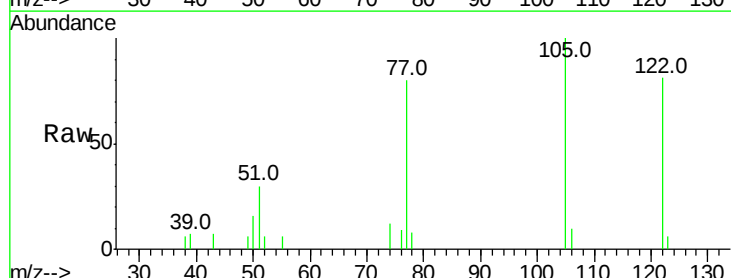
RT: 7.80 min Scan# 971

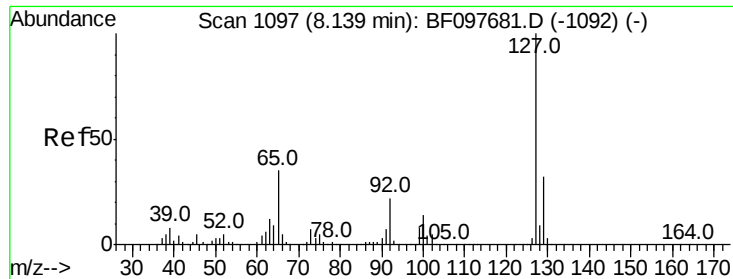
Delta R.T. -0.00 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Tgt Ion:	122	Resp:	14052
Ion Ratio	Lower	Upper	
122	100		
105	122.7	103.3	143.3
77	97.8	73.7	113.7





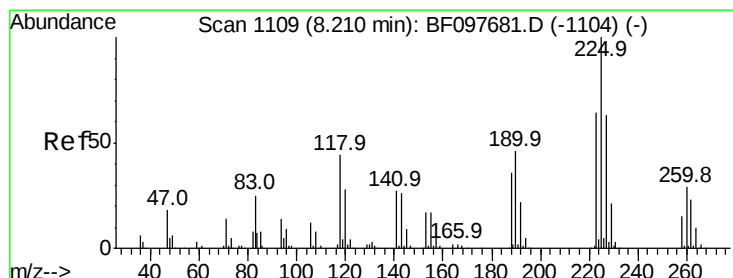
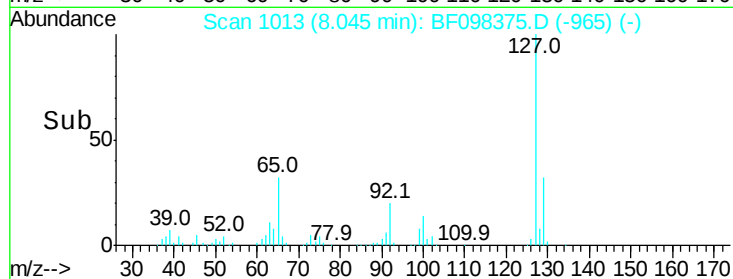
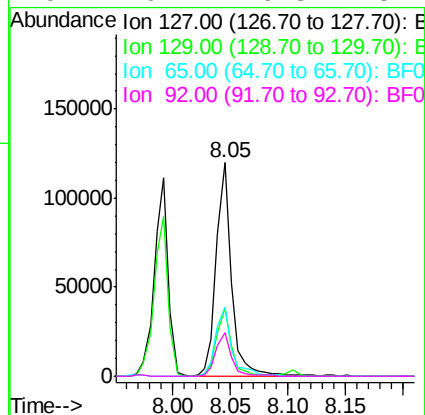
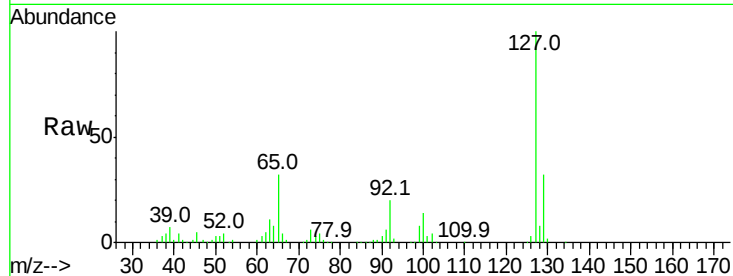
#33
4-Chloroaniline
Concen: 14.320 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	26.2	39.2	
65	32.4	27.8	41.8	
92	20.1	16.8	25.2	

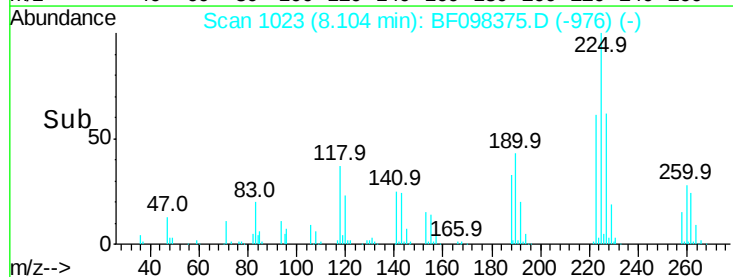
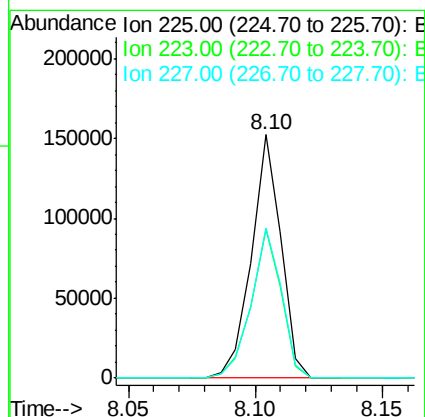
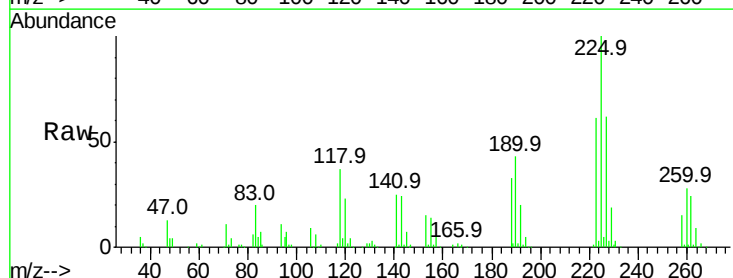
Manual Integrations
APPROVED

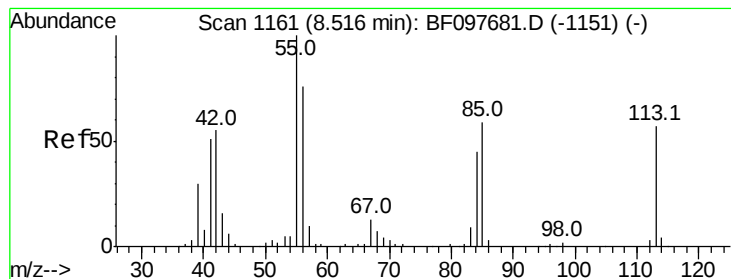
Sohil
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#34
Hexachlorobutadiene
Concen: 40.686 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	48.8	73.2	
227	61.8	51.1	76.7	





#35

Caprolactam

Concen: 34.831 ng

RT: 8.42 min Scan# 1076

Delta R.T. -0.04 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

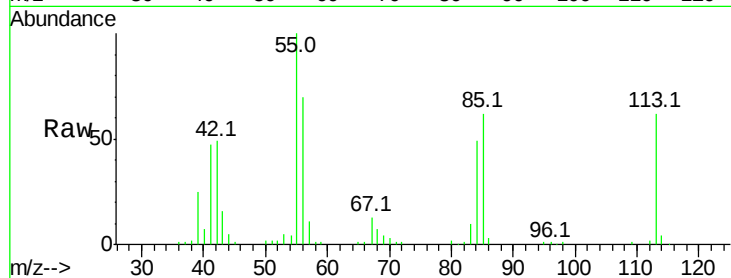
Tot Ion:113 Resp: 55484

Ion	Ratio	Lower	Upper
113	100		
55	162.5	150.2	190.2
56	113.5	107.8	147.8

Manual Integrations
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Sohil

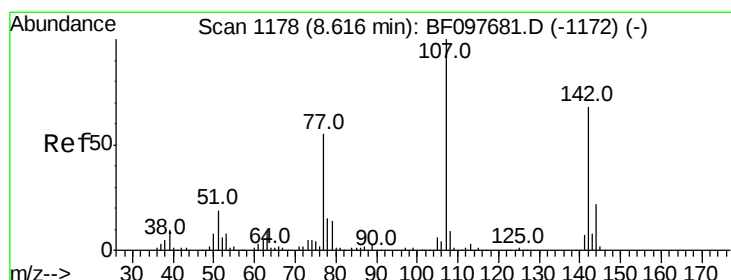
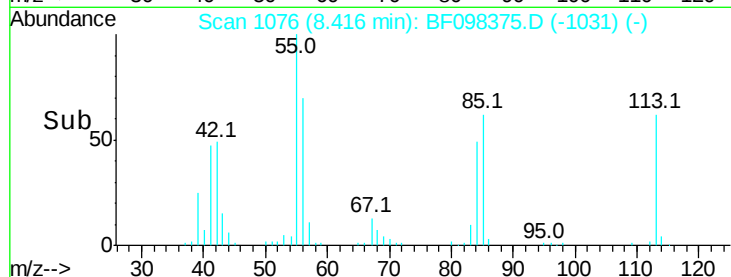
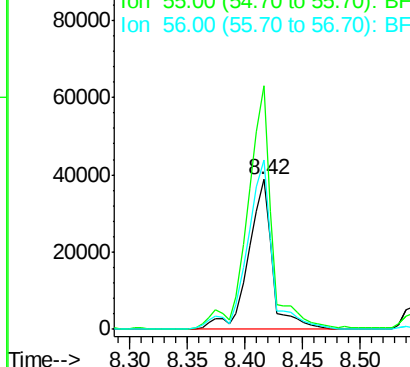
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 32.622 ng

RT: 8.55 min Scan# 1098

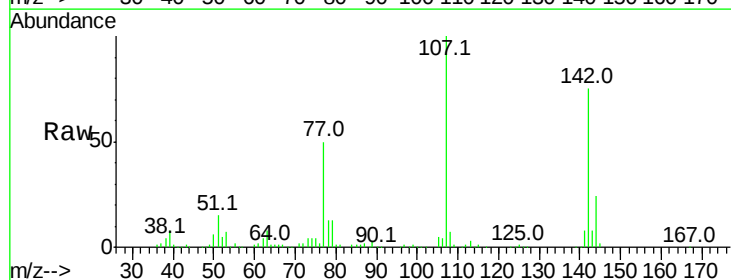
Delta R.T. -0.01 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Tgt Ion:107 Resp: 196391

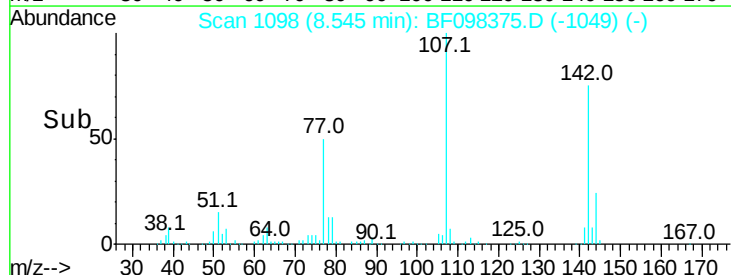
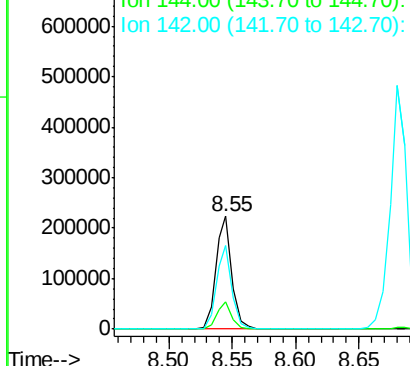
Ion	Ratio	Lower	Upper
107	100		
144	24.1	24.2	36.4#
142	74.6	73.4	110.0

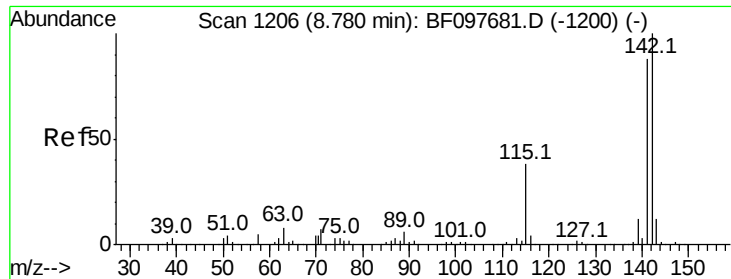


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





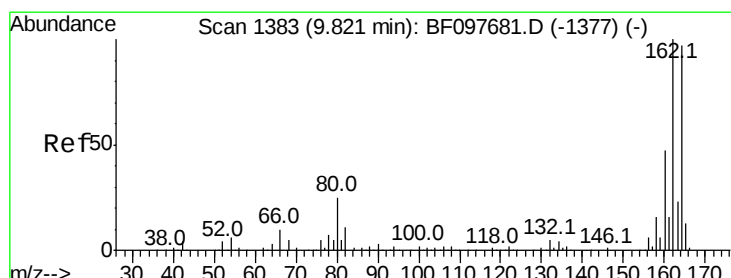
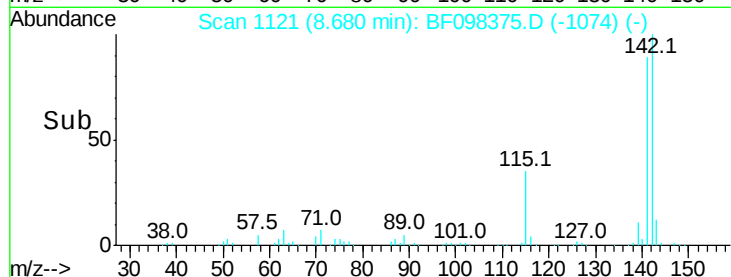
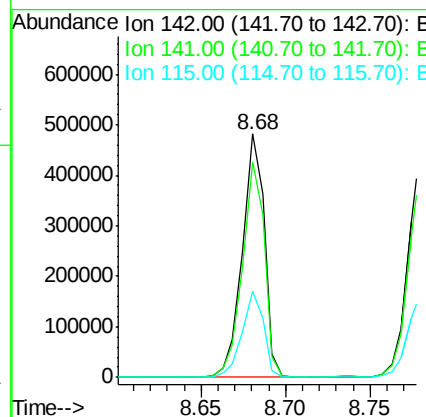
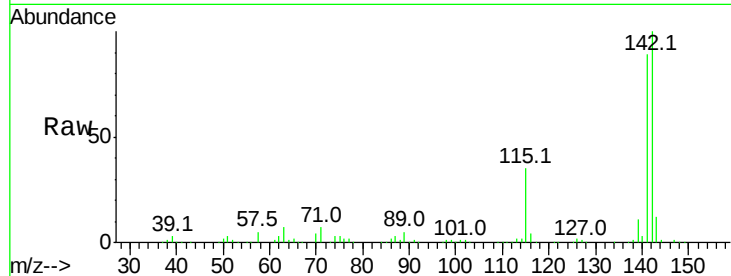
#37
2-Methylnaphthalene
Concen: 38.873 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	35.4	27.1	40.7

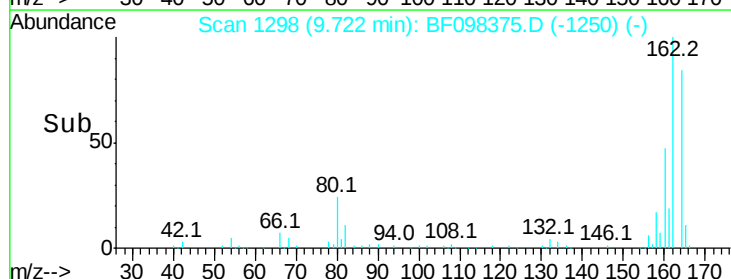
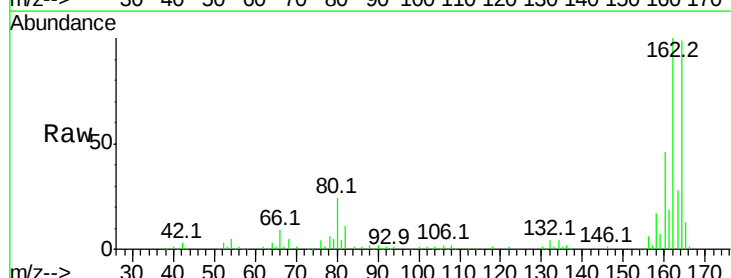
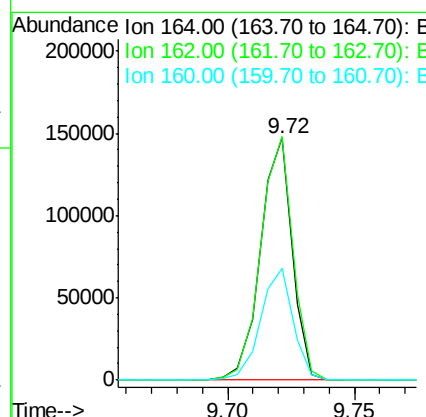
Manual Integrations
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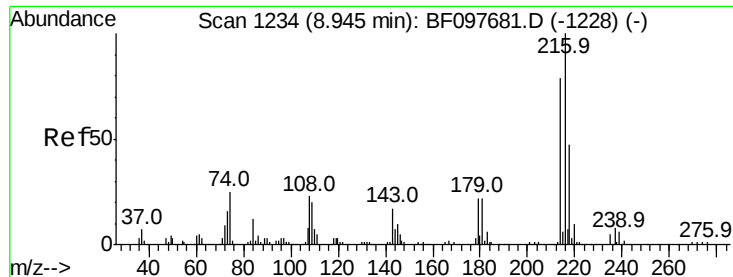
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	123.8
160	45.9	36.2	54.2





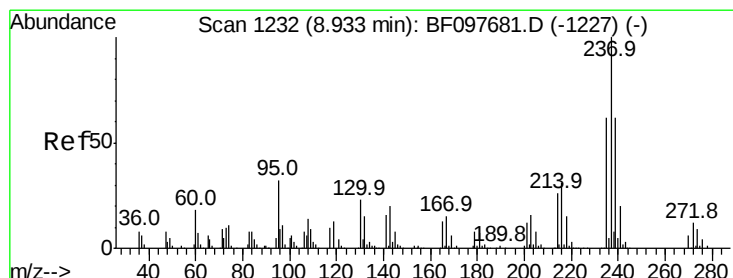
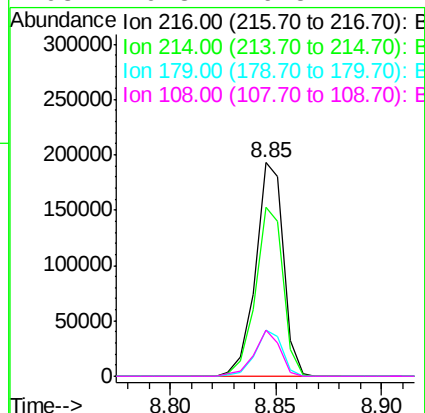
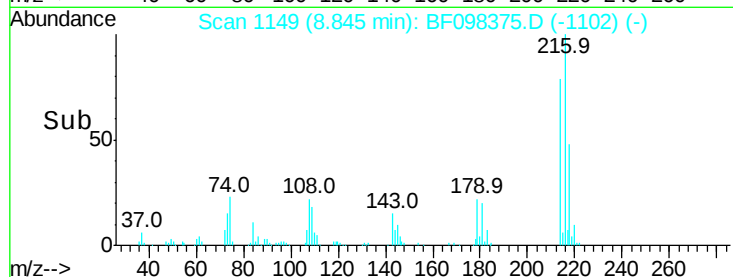
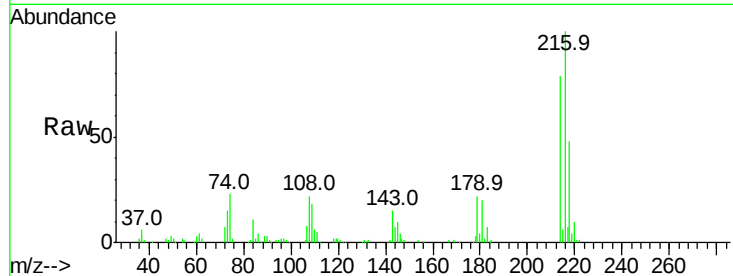
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.088 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion:	216	Resp:	177641
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.4	95.2
179	21.1	17.9	26.9
108	20.3	16.5	24.7

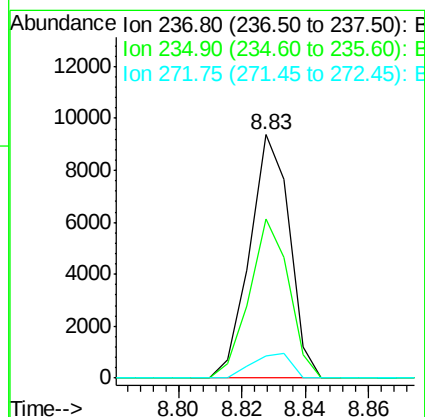
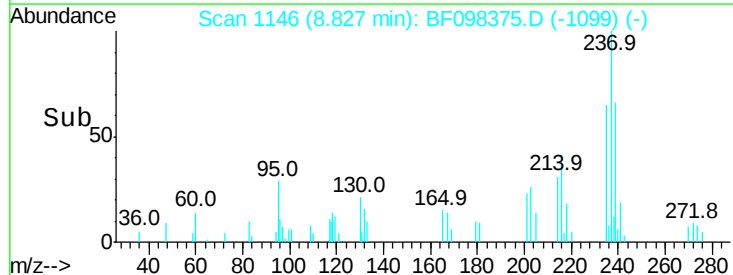
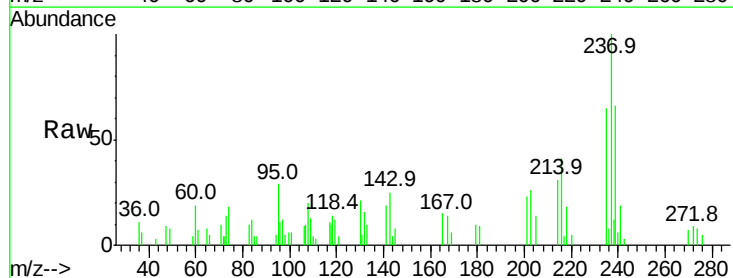
Manual Integrations
 APPROVED

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#40
 Hexachlorocyclopentadiene
 Concen: 4.306 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion:	237	Resp:	8150
Ion Ratio	Lower	Upper	
237	100		
235	65.2	42.6	82.6
272	9.1	0.0	31.9





#41

2,4,6-Tribromophenol

Concen: 118.944 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

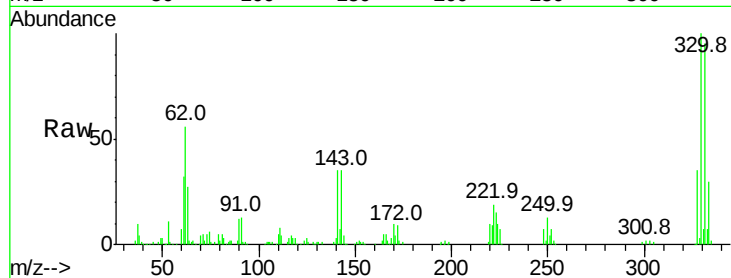
PB102179BS

Tot Ion:	330	Resp:	132489
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.6	115.0
141	34.2	31.4	47.2

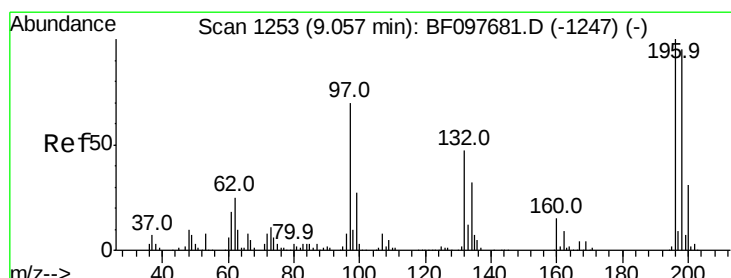
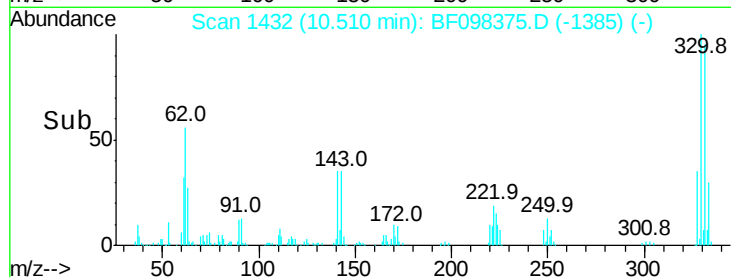
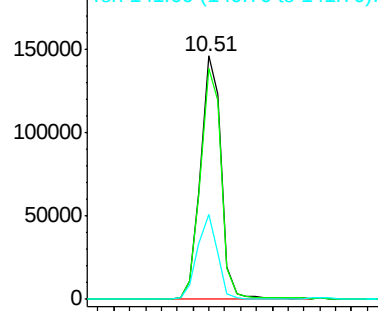
Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 35.788 ng

RT: 8.97 min Scan# 1170

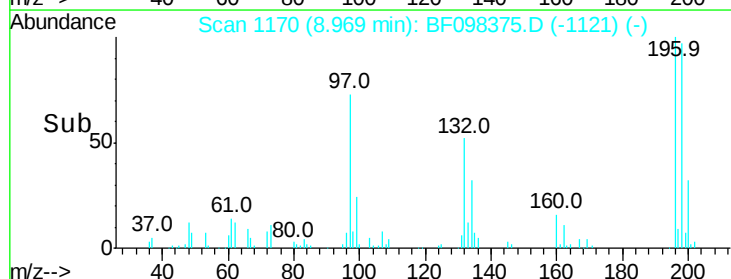
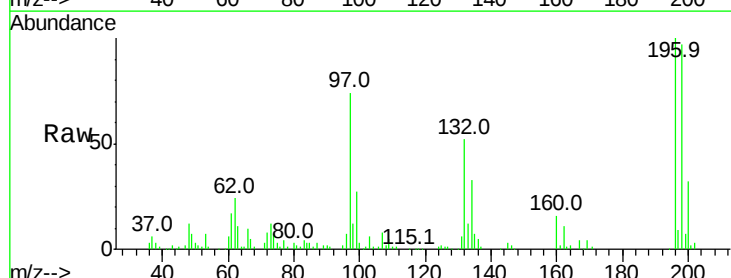
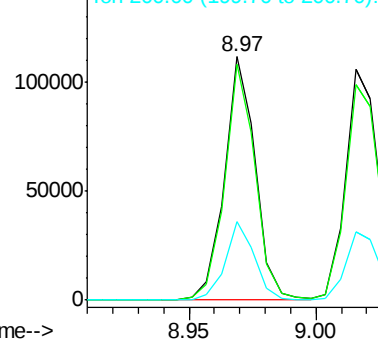
Delta R.T. -0.01 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Tgt Ion:	196	Resp:	94664
Ion Ratio	Lower	Upper	
196	100		
198	96.6	74.2	111.4
200	32.1	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





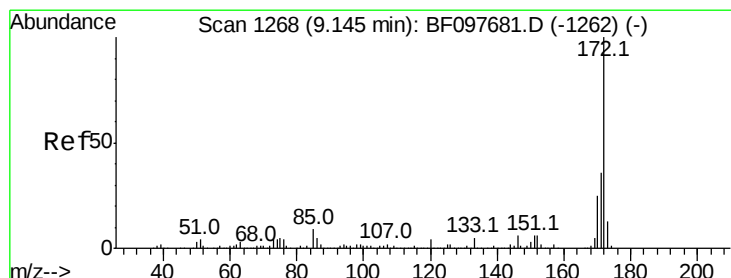
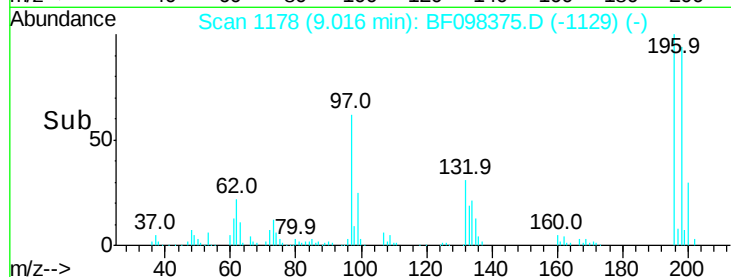
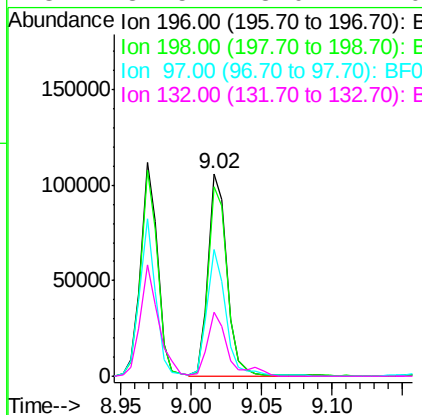
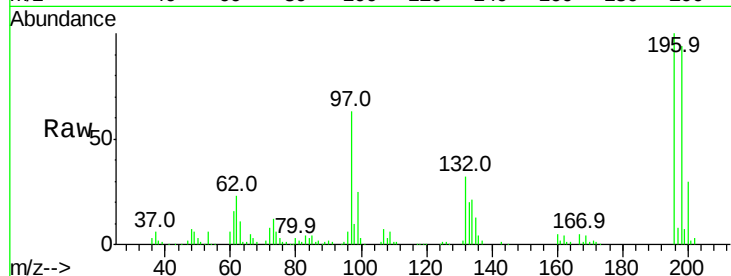
#43
 2,4,5-Trichlorophenol
 Concen: 37.977 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion:	196	Resp:	99658
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.7	113.5
97	62.7	47.7	71.5
132	31.5	28.0	42.0

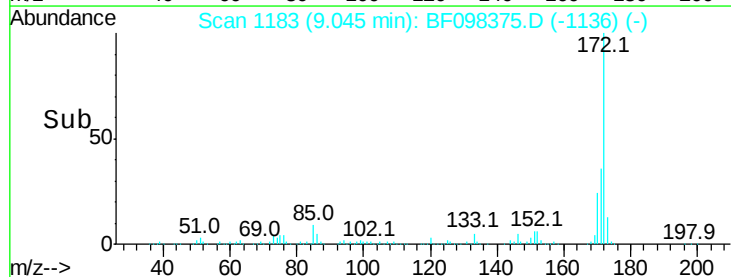
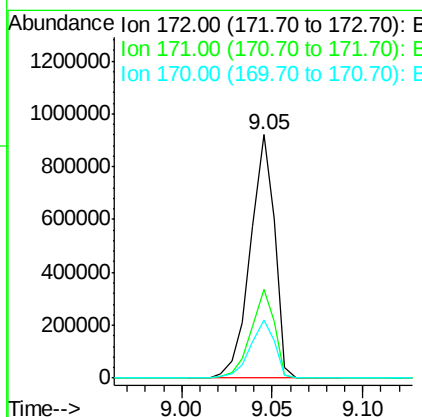
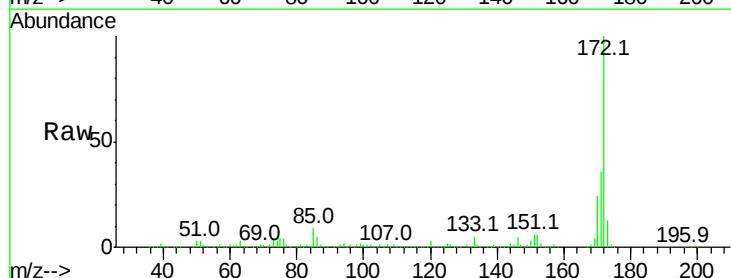
Manual Integrations
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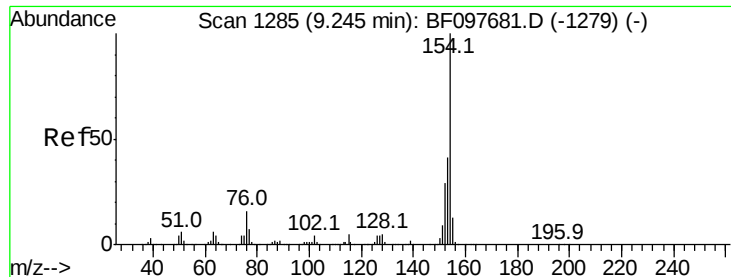
Sohil
 9/11/2017 4:48:04 PM



#44
 2-Fluorobiphenyl
 Concen: 98.026 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion:	172	Resp:	856537
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	23.9	19.8	29.8





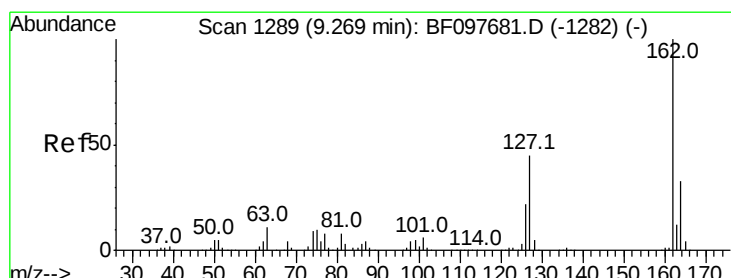
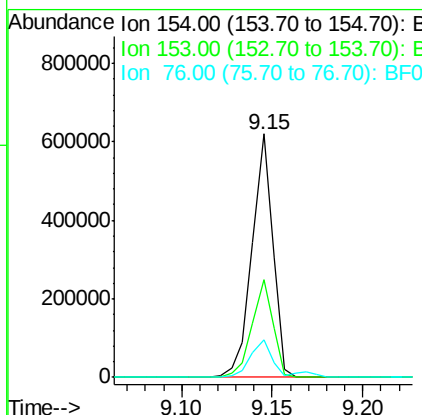
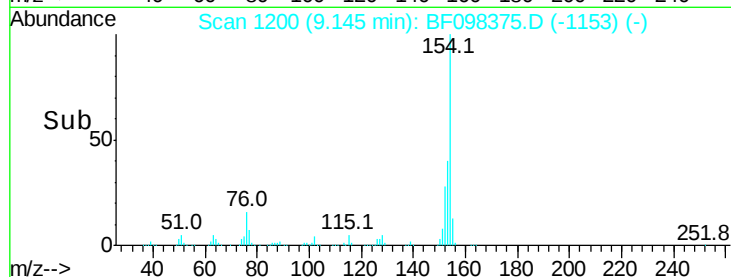
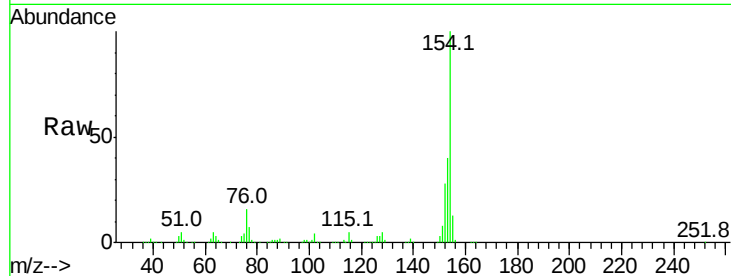
#45
 1,1'-Biphenyl
 Concen: 42.490 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	15.7	0.0	29.9

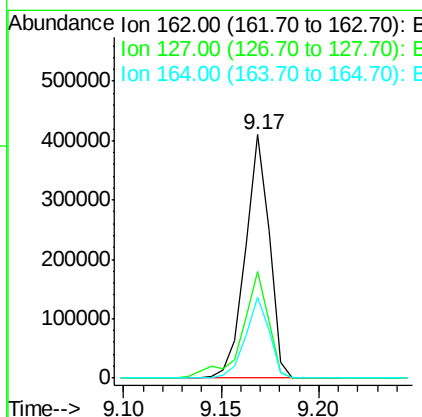
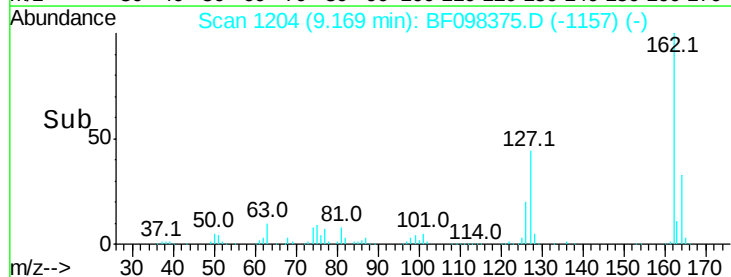
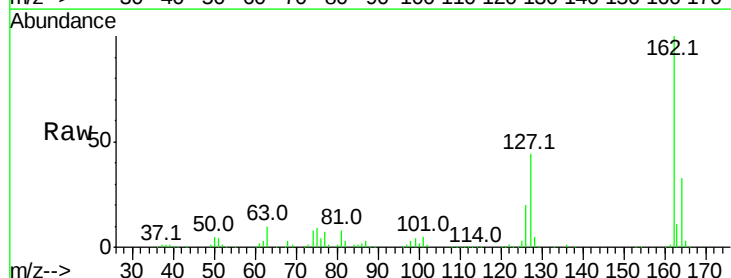
Manual Integrations
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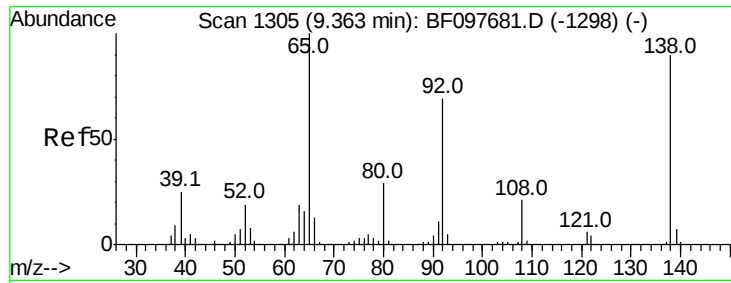
Sohil
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#46
 2-Chloronaphthalene
 Concen: 40.431 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.6	28.3	42.5#
164	33.1	27.0	40.4





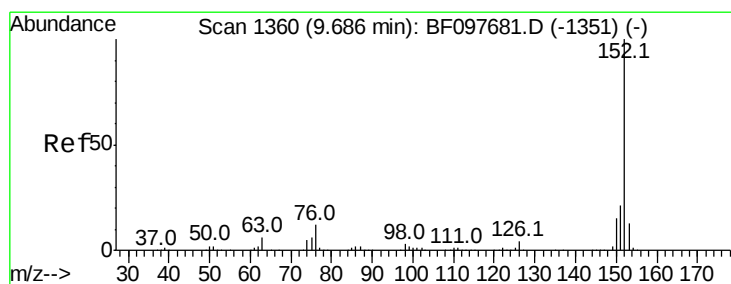
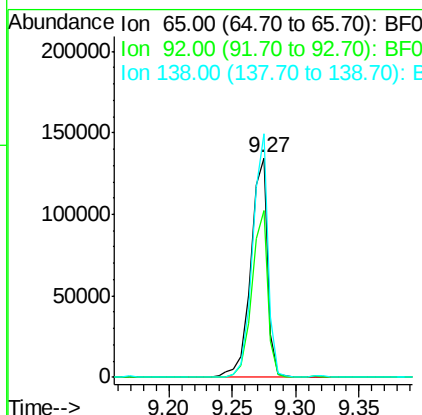
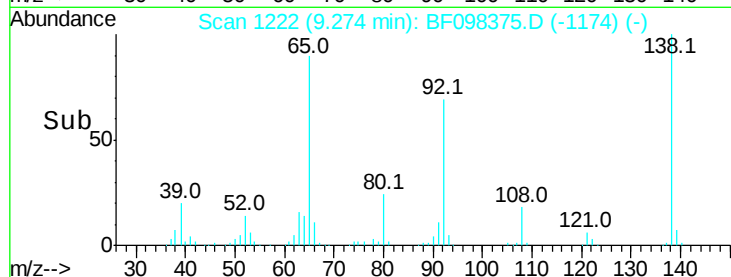
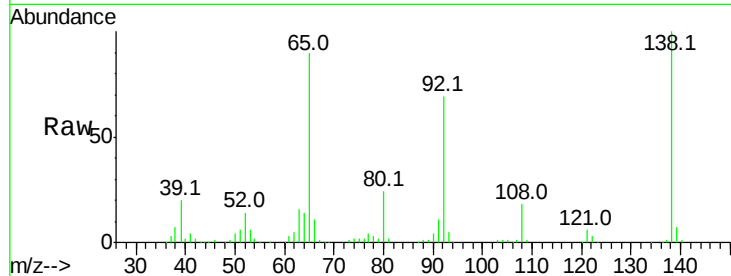
#47
 2-Nitroaniline
 Concen: 43.543 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion:	65	Resp:	126266
Ion Ratio	Lower	Upper	
65	100		
92	76.1	53.9	80.9
138	111.0	78.8	118.2

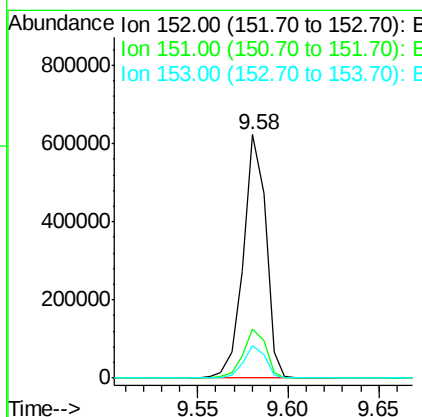
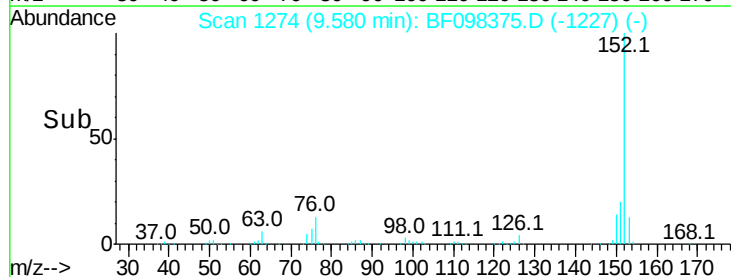
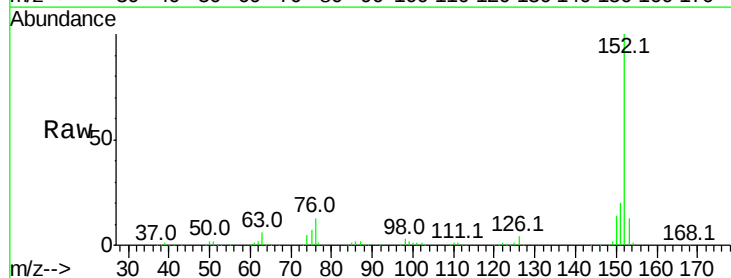
Manual Integrations
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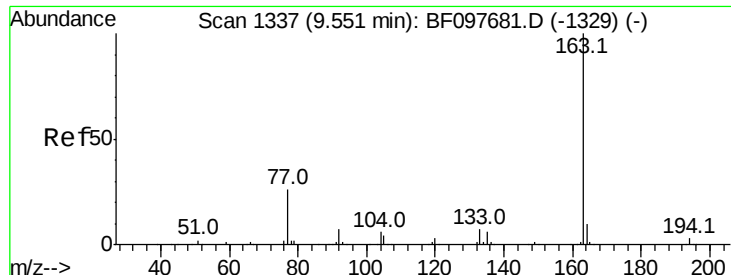
Sohil
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#48
 Acenaphthylene
 Concen: 39.657 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion:	152	Resp:	538681
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.8	25.2
153	13.4	10.8	16.2





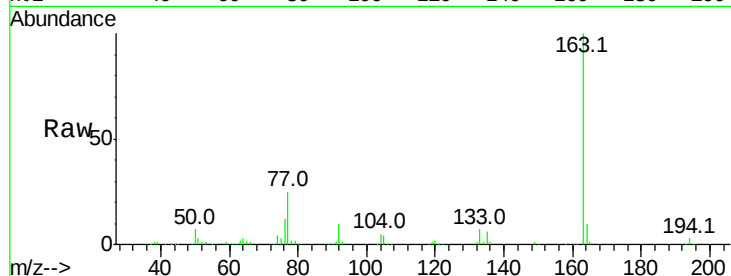
#49
Dimethylphthalate
Concen: 46.864 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

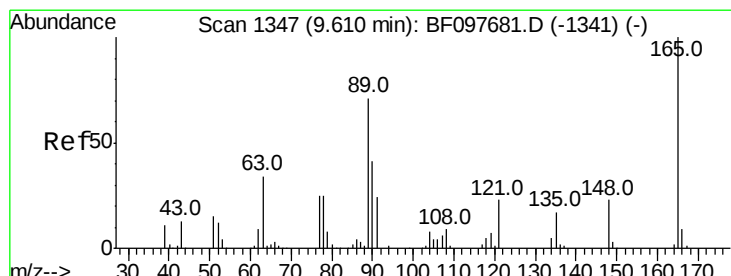
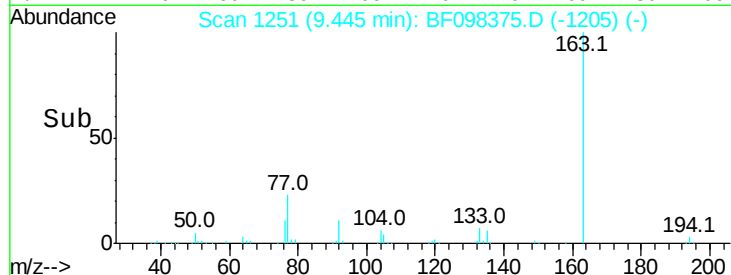
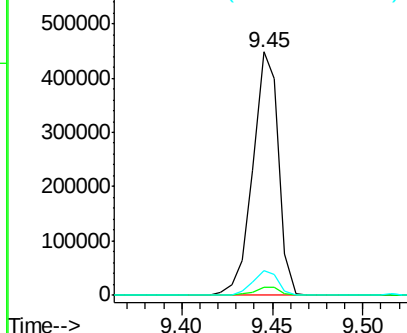
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.2	8.4	12.6	

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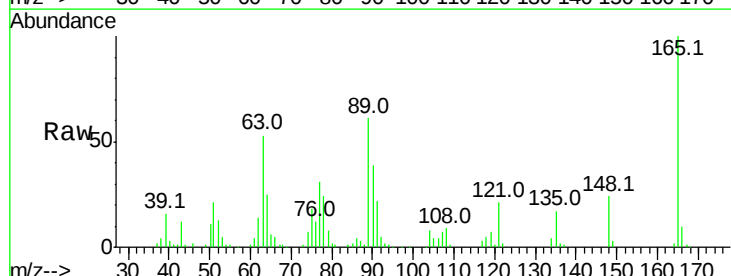


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

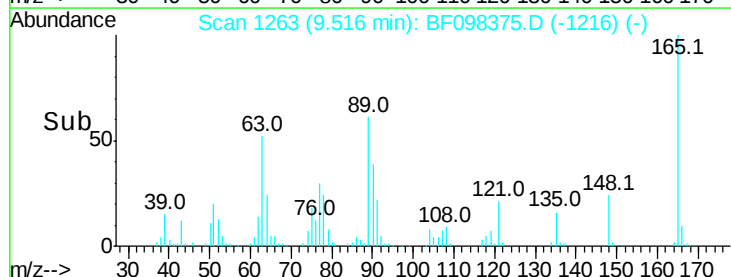
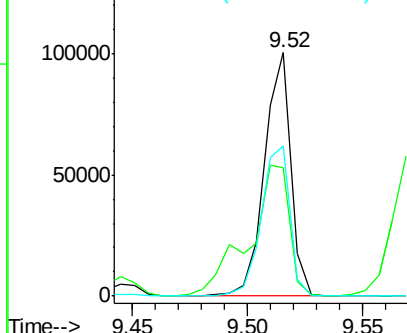


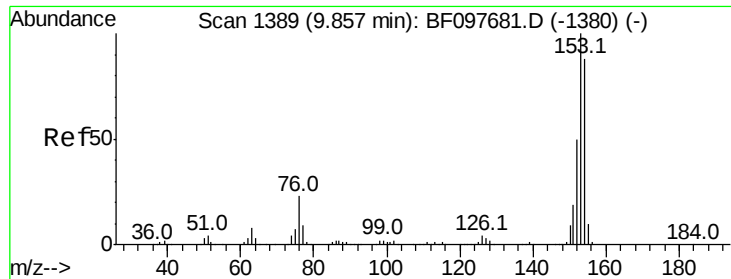
#50
2,6-Dinitrotoluene
Concen: 42.557 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.6	34.3	51.5#	
89	61.5	37.1	55.7#	



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





#51

Acenaphthene

Concen: 37.034 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

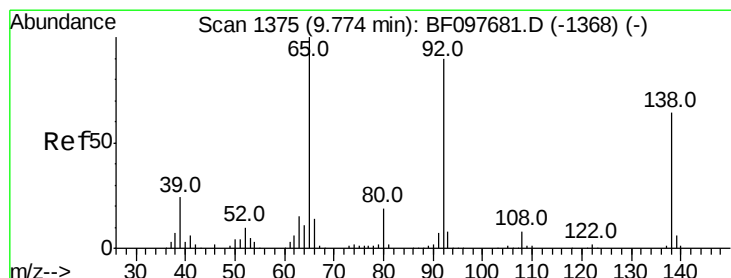
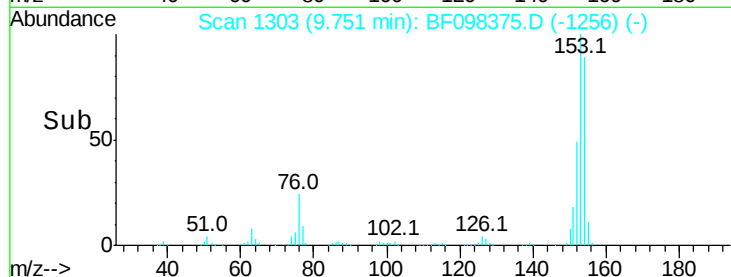
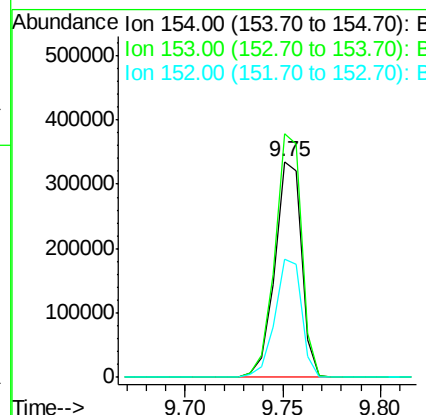
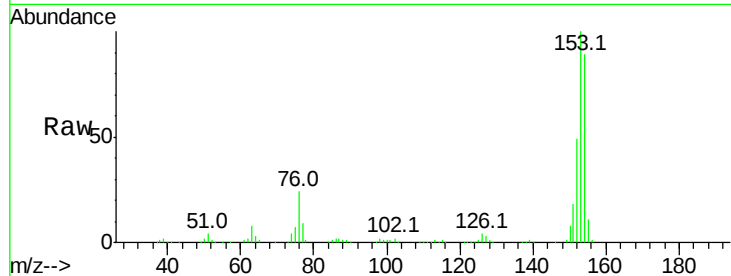
ClientSampled :

PB102179BS

Tot Ion:	154	Resp:	317263
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.5	135.7
152	54.9	43.6	65.4

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#52

3-Nitroaniline

Concen: 40.538 ng

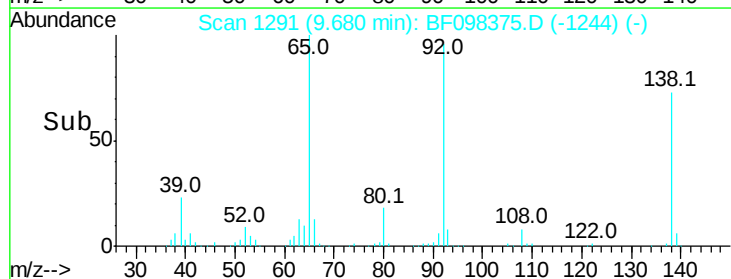
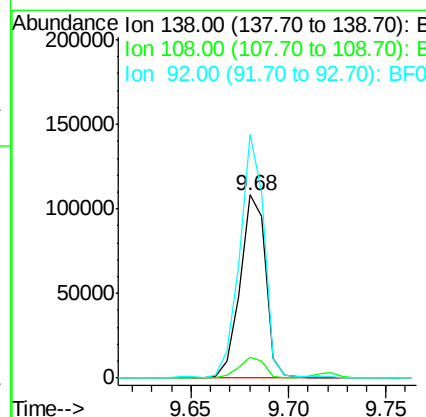
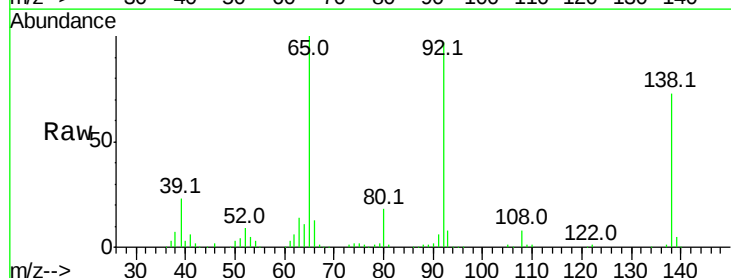
RT: 9.68 min Scan# 1291

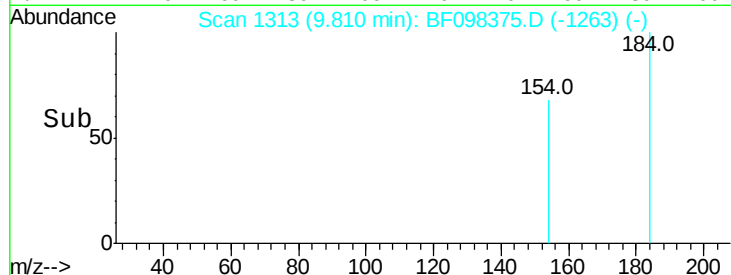
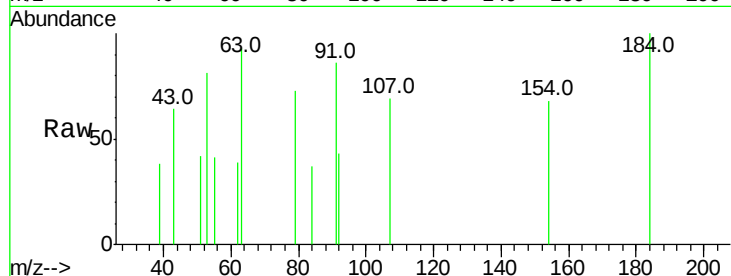
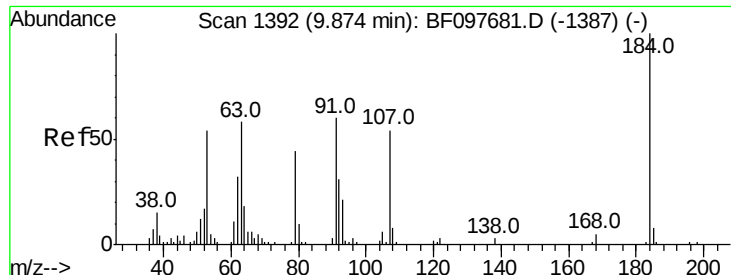
Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Tgt Ion:	138	Resp:	97969
Ion Ratio	Lower	Upper	
138	100		
108	11.4	9.1	13.7
92	133.0	93.8	140.6





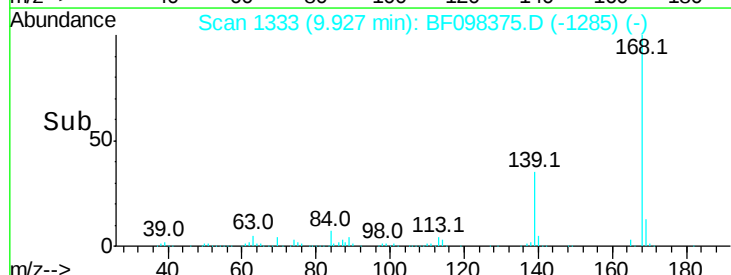
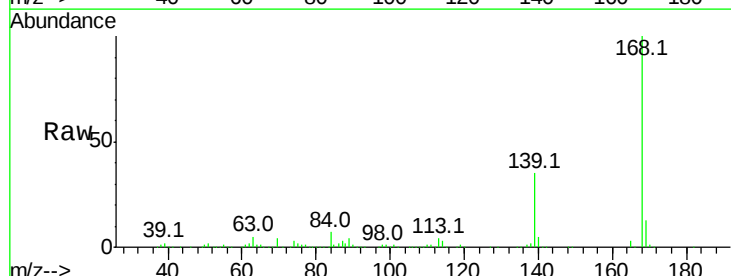
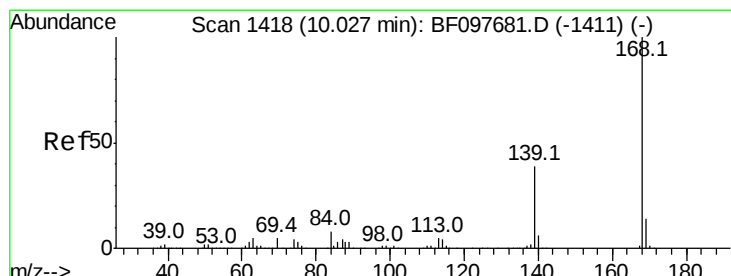
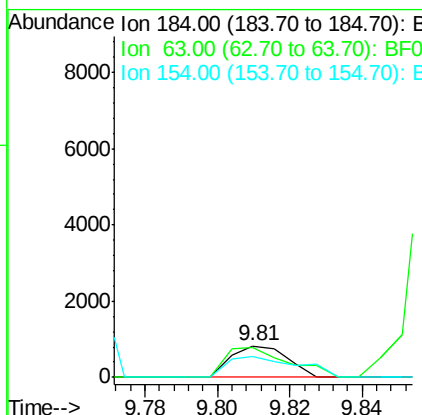
#53
2,4-Dinitrophenol
Concen: 11.020 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tot Ion:184 Resp: 896
Ion Ratio Lower Upper
184 100
63 93.1 62.7 94.1
154 68.2 81.1 121.7#

Instrument :
BNA_F
ClientSampleId :
PB102179BS

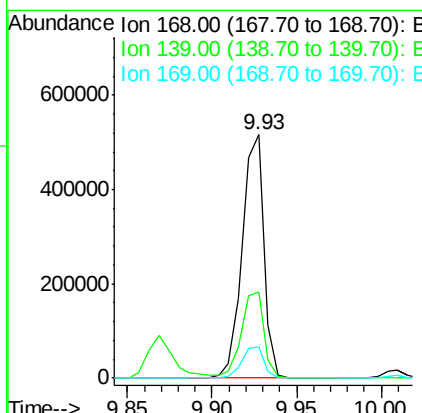
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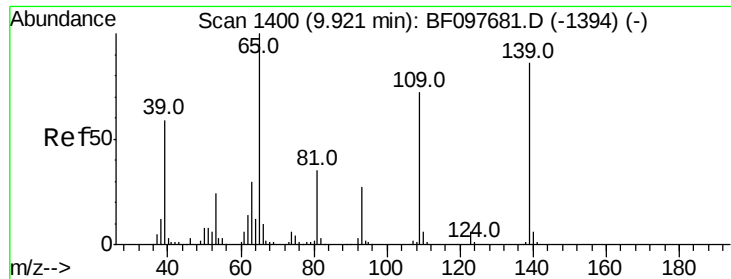
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#54
Dibenzofuran
Concen: 40.342 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion:168 Resp: 463183
Ion Ratio Lower Upper
168 100
139 35.1 30.6 45.8
169 12.8 10.8 16.2





#55

4-Nitrophenol

Concen: 48.561 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampled :

PB102179BS

Tot Ion:139 Resp: 93618

Ion Ratio Lower Upper

139 100

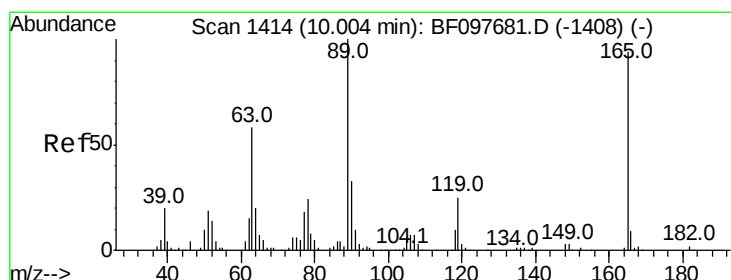
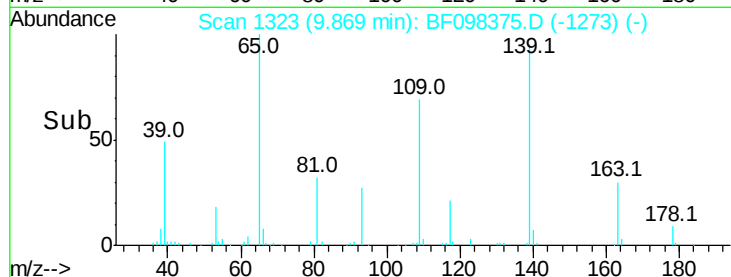
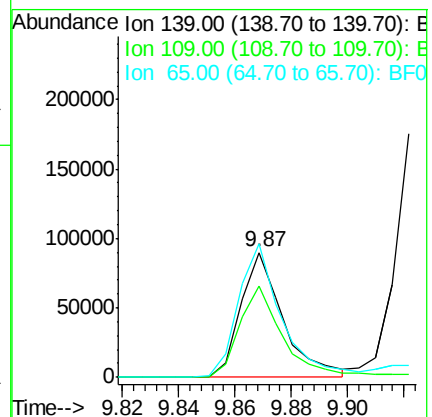
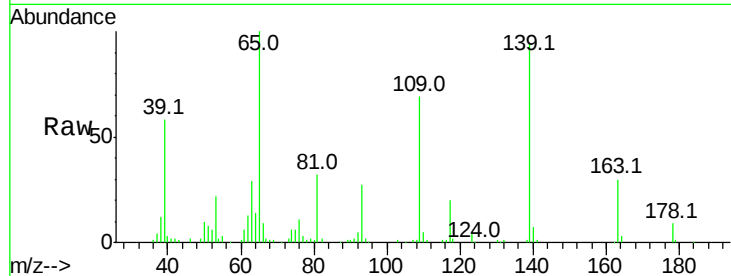
109 73.4 34.1 74.1

65 106.3 31.4 71.4#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 37.214 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Tgt Ion:165 Resp: 87480

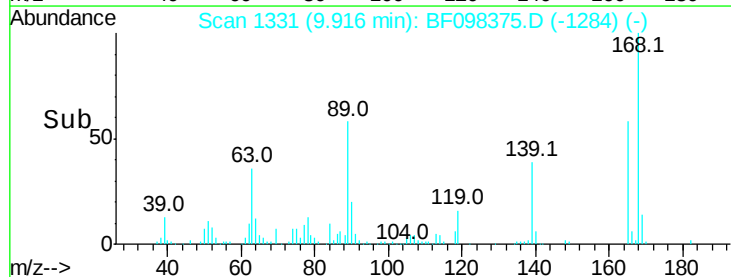
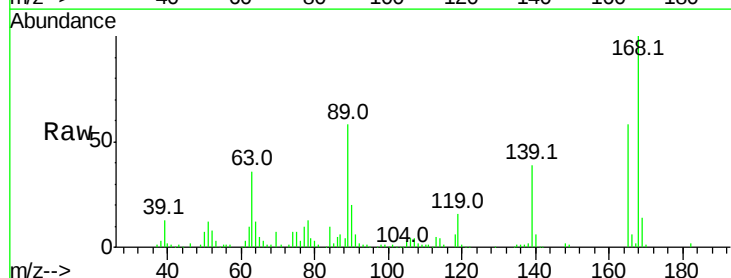
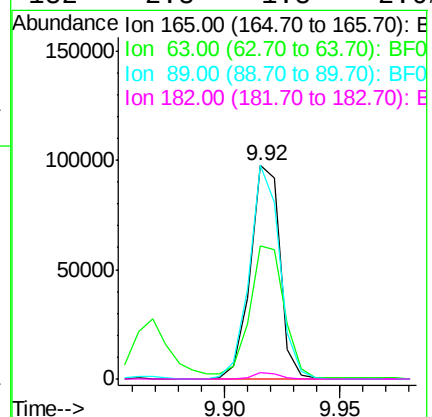
Ion Ratio Lower Upper

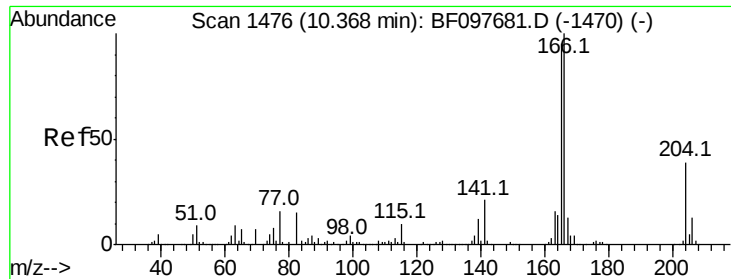
165 100

63 62.6 25.4 38.0#

89 100.1 46.4 69.6#

182 2.8 1.8 2.6#





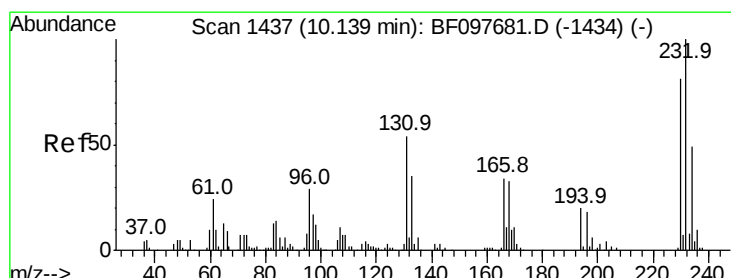
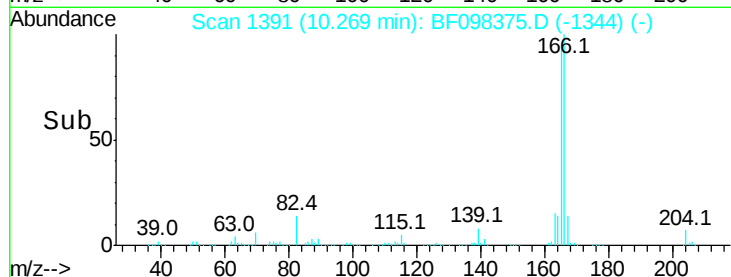
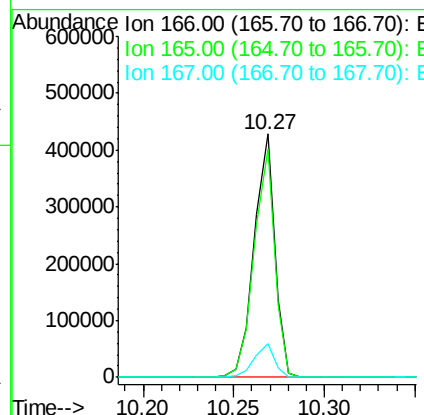
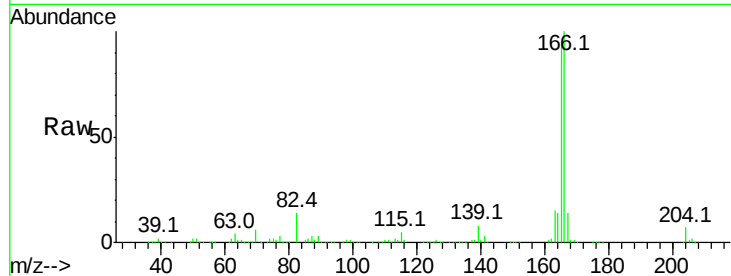
#57
Fluorene
 Concen: 38.413 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	93.5	78.8	118.2	
167	13.7	10.6	16.0	

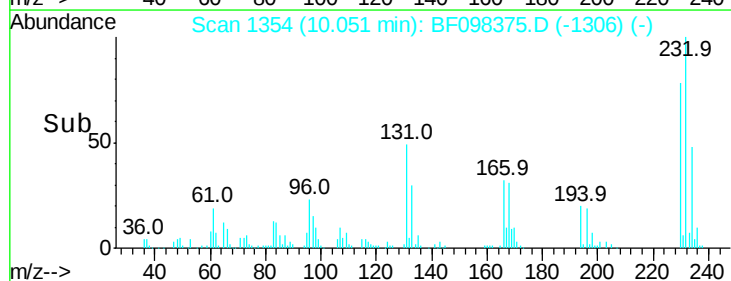
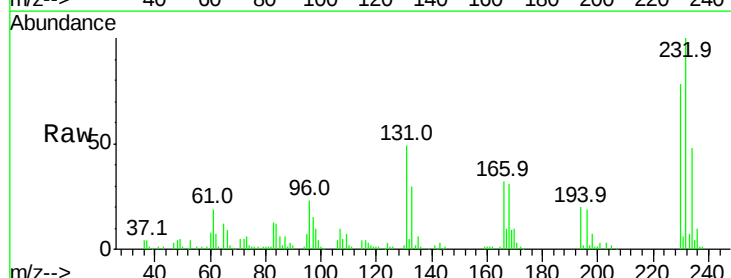
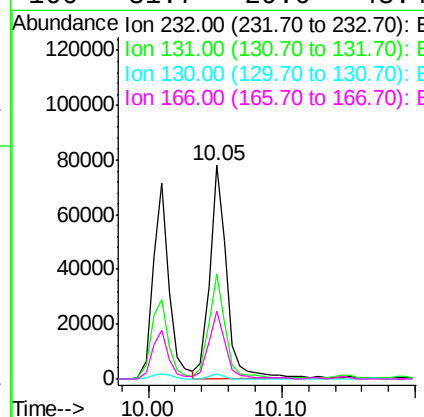
Manual Integrations
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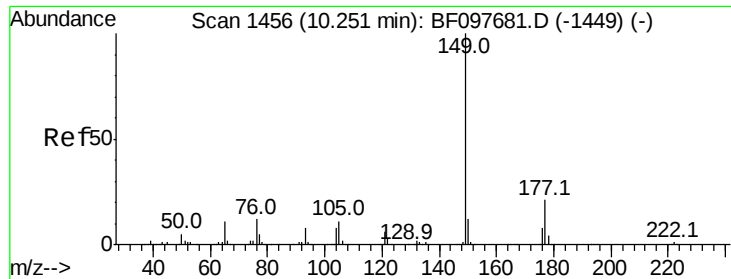
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.727 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	47.8	44.8	67.2	
130	2.0	2.3	3.5	
166	31.7	29.0	43.4	





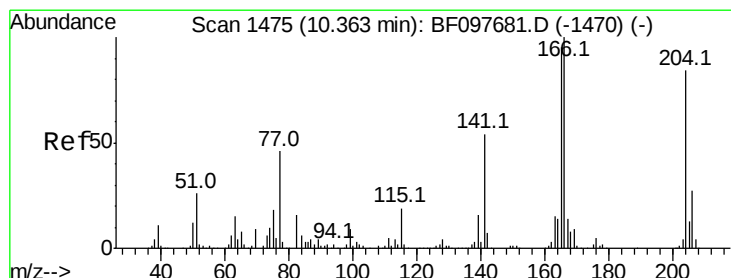
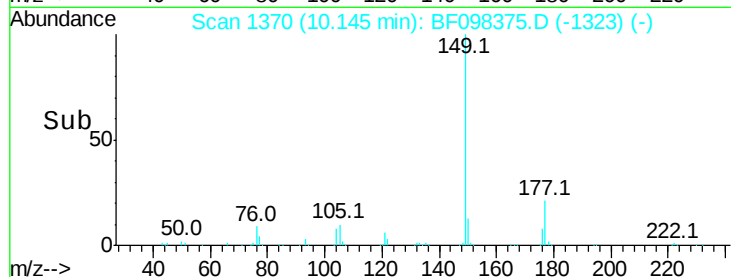
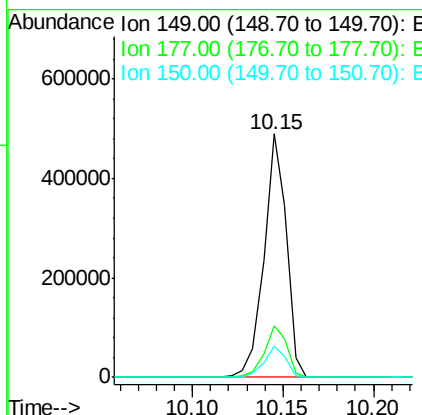
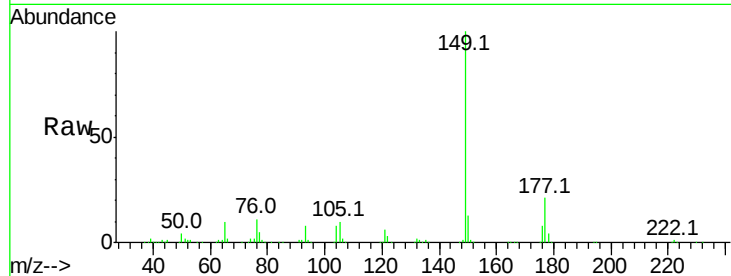
#59
Diethylphthalate
Concen: 42.784 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	419846		
177	21.1	16.7	25.1	
150	13.0	10.2	15.2	

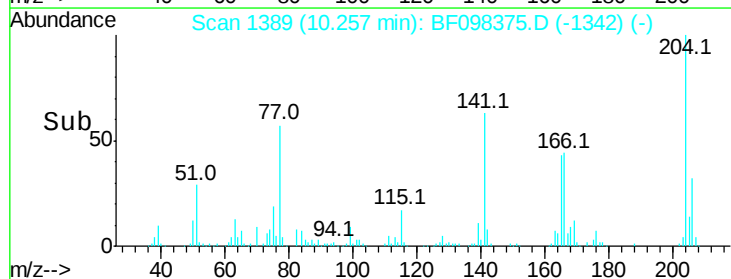
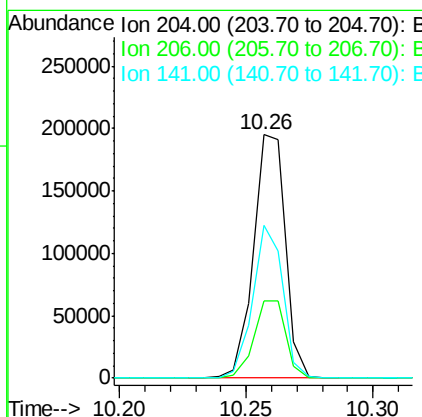
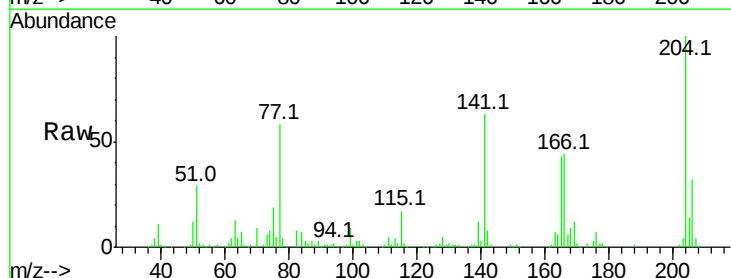
Manual Integrations
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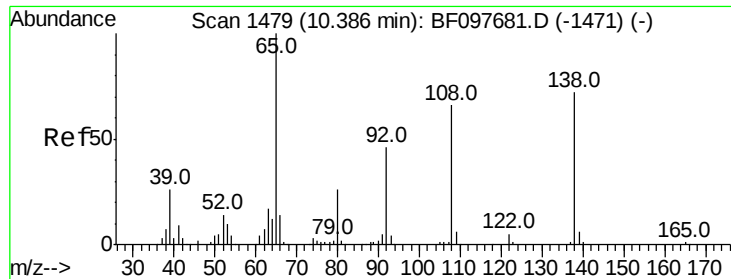
Sohil
9/11/2017 4:48:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.448 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	170930		
206	31.7	26.2	39.2	
141	62.8	60.8	91.2	





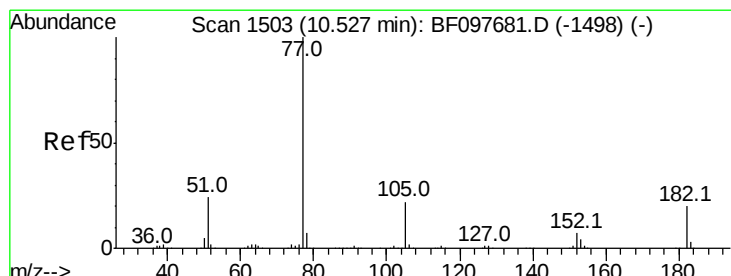
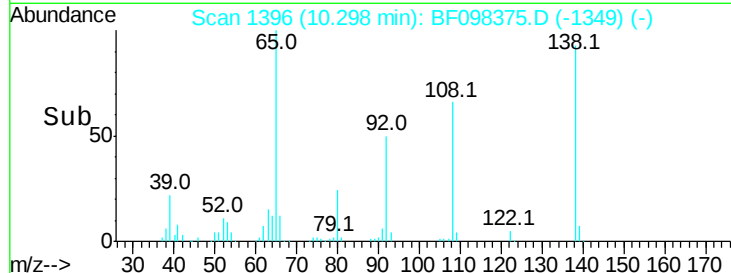
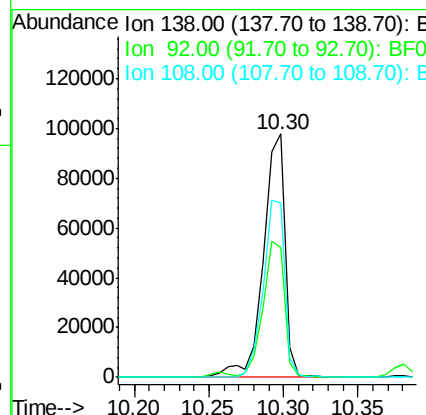
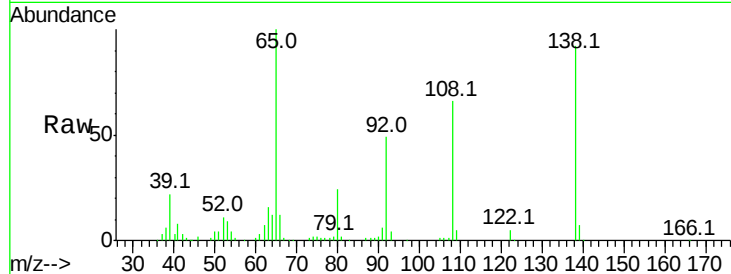
#61
4-Nitroaniline
Concen: 42.315 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion:	138	Resp:	97194
Ion Ratio	Lower	Upper	
138	100		
92	53.5	21.8	61.8
108	71.8	42.3	82.3

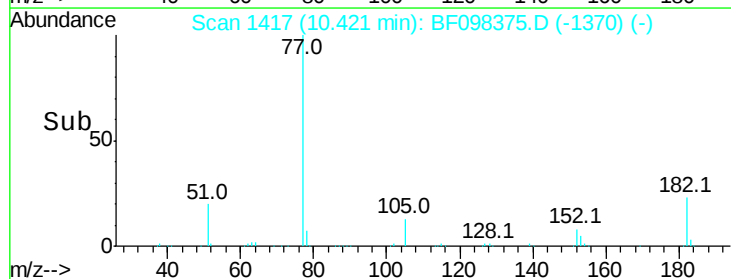
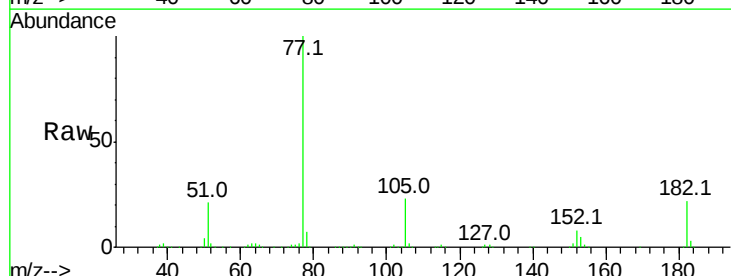
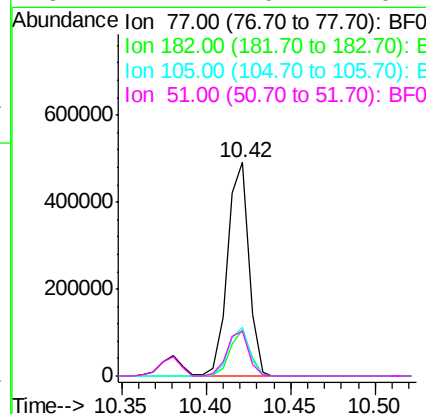
Manual Integrations
APPROVED

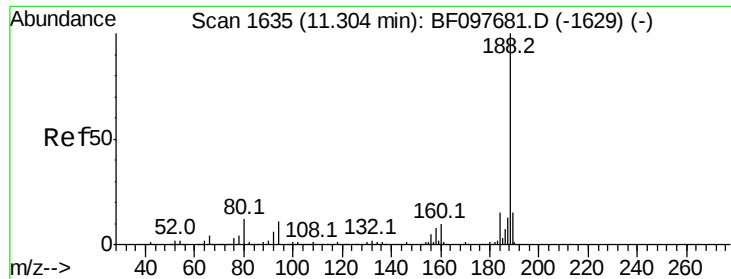
Sohil
9/11/2017 4:48:04 PM



#62
Azobenzene
Concen: 36.931 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion:	77	Resp:	430486
Ion Ratio	Lower	Upper	
77	100		
182	21.7	0.1	40.1
105	22.5	3.6	43.6
51	21.1	9.4	49.4





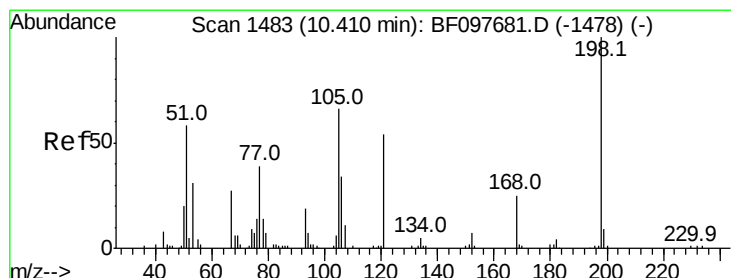
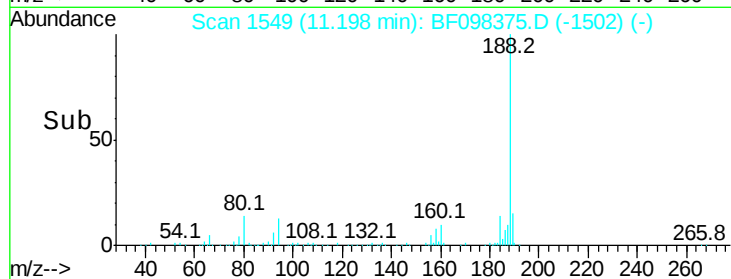
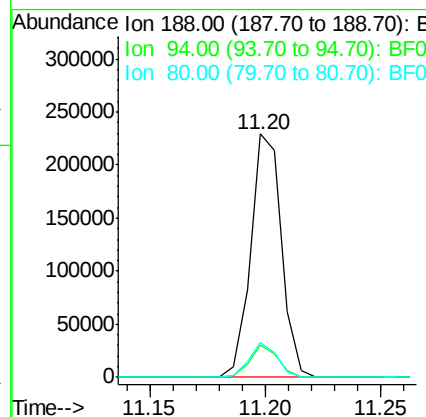
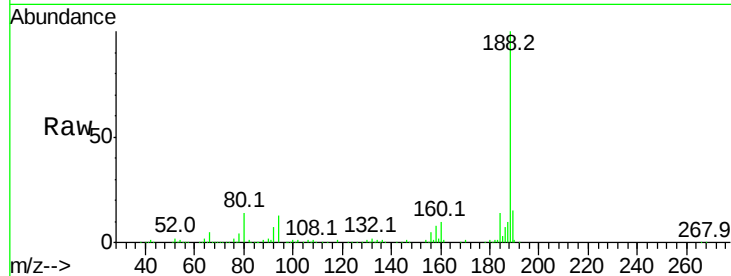
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	213649		
94	13.2		9.4	14.2
80	14.3		10.2	15.2

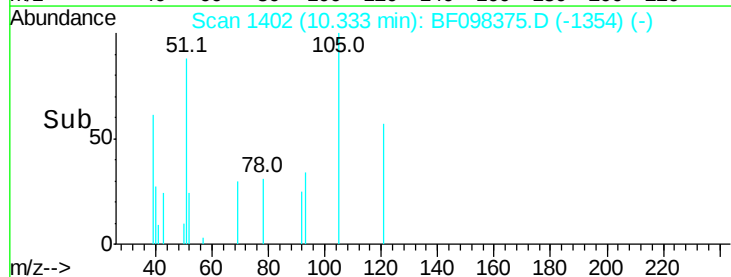
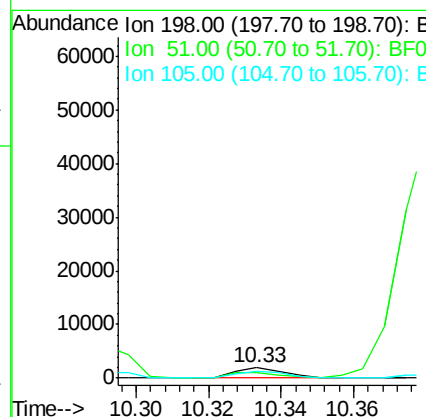
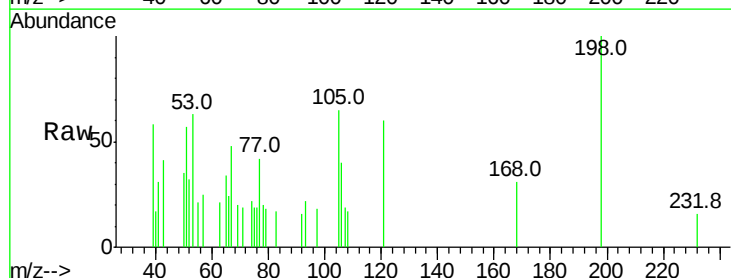
Manual Integrations
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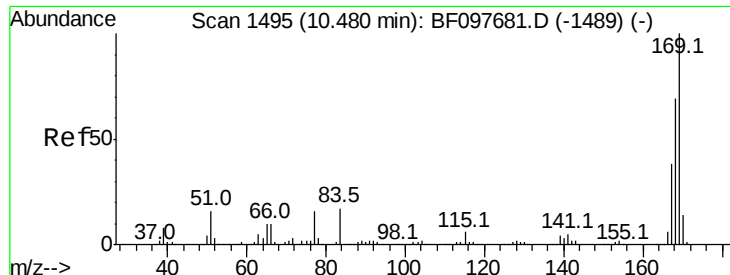
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 9.841 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	1851		
51	57.0		53.2	93.2
105	64.6		45.8	85.8





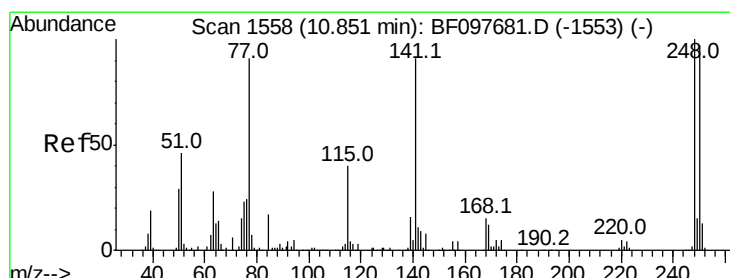
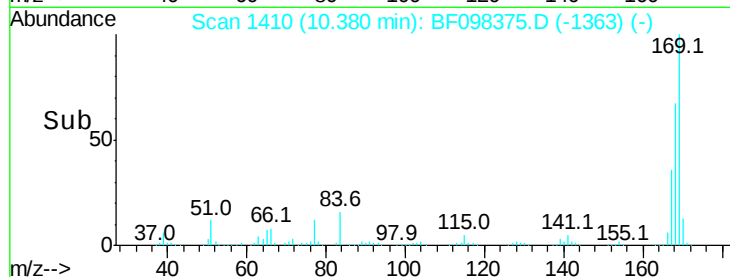
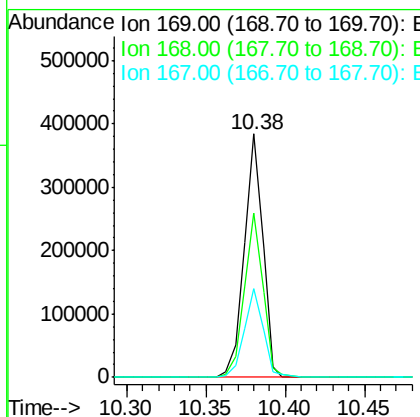
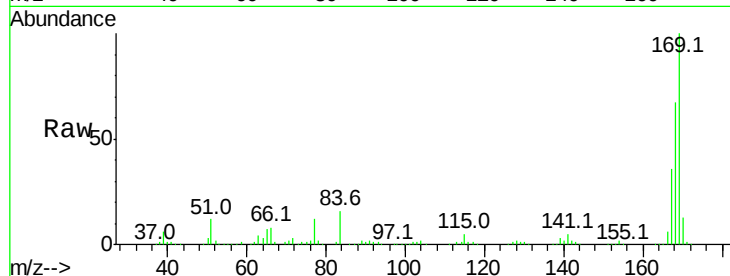
#65
 n-Nitrosodiphenylamine
 Concen: 42.726 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	310850		
168	67.3	53.2	79.8	
167	36.4	29.5	44.3	

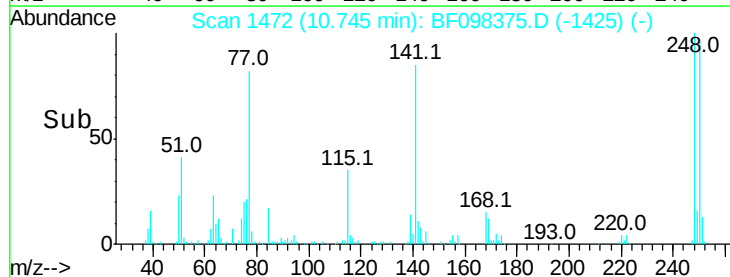
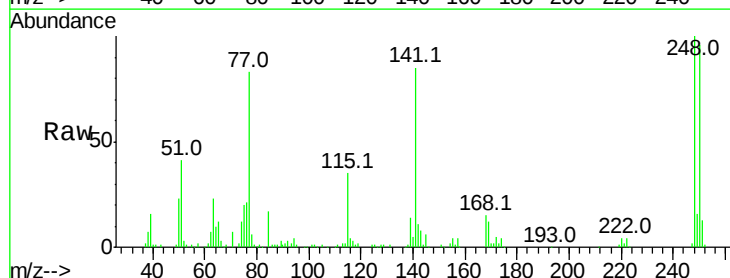
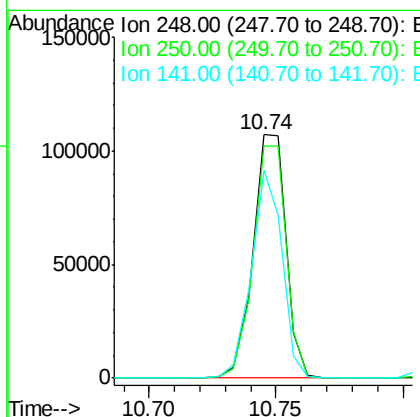
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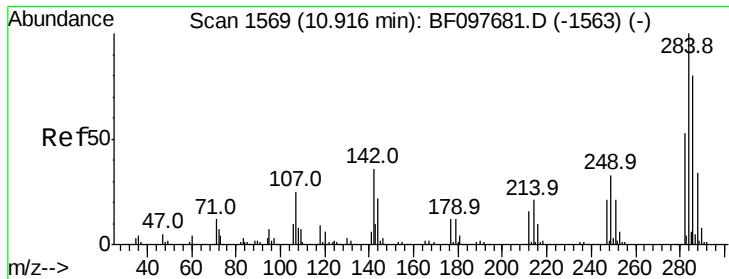
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#66
 4-Bromophenyl-phenylether
 Concen: 43.827 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	97235		
250	95.5	76.8	115.2	
141	85.1	68.6	103.0	





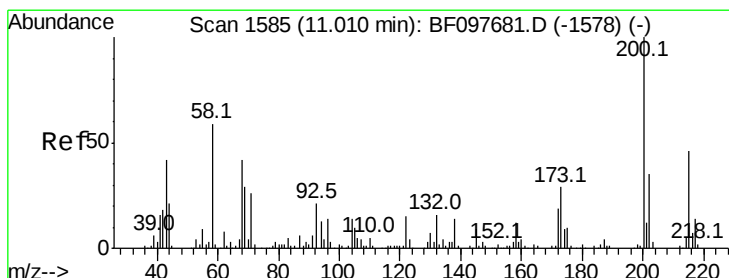
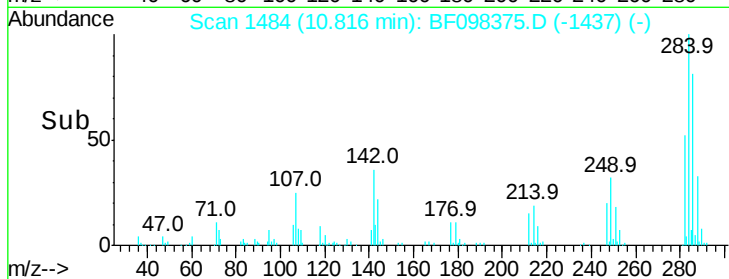
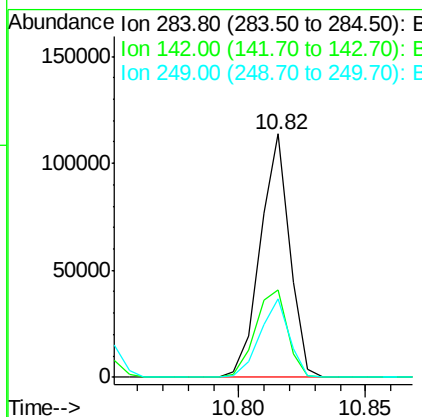
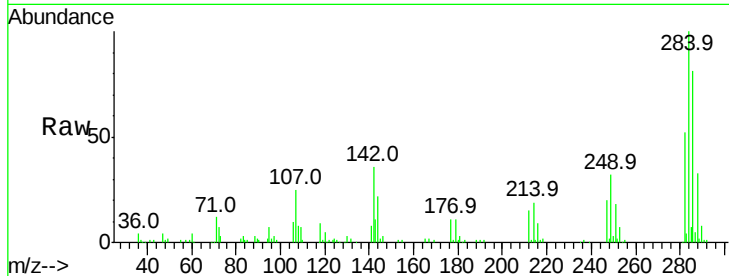
#67
Hexachlorobenzene
Concen: 40.712 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampled :
PB102179BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	35.9	22.8	34.2	
249	32.4	24.0	36.0	

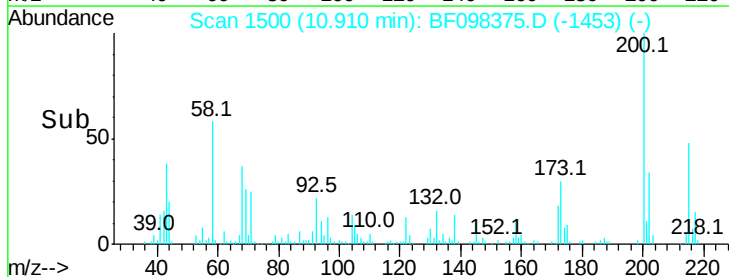
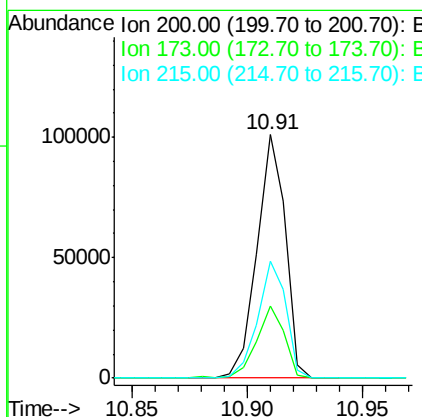
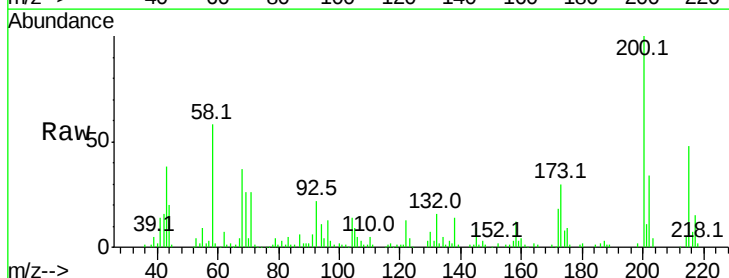
Manual Integrations
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#68
Atrazine
Concen: 45.112 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.8	6.3	46.3	
215	48.0	27.2	67.2	





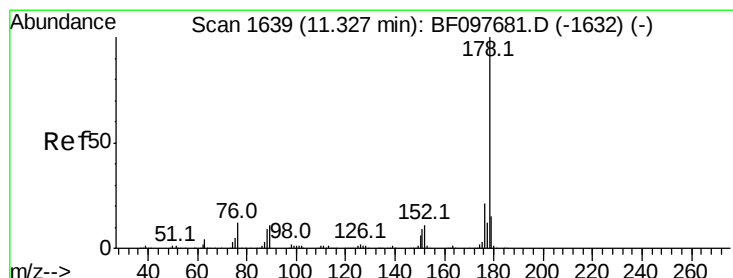
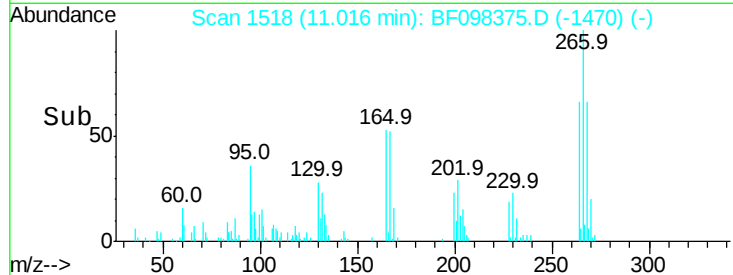
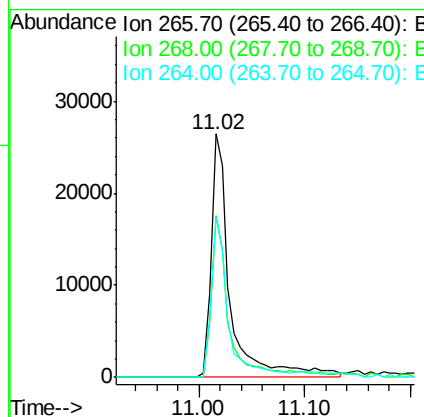
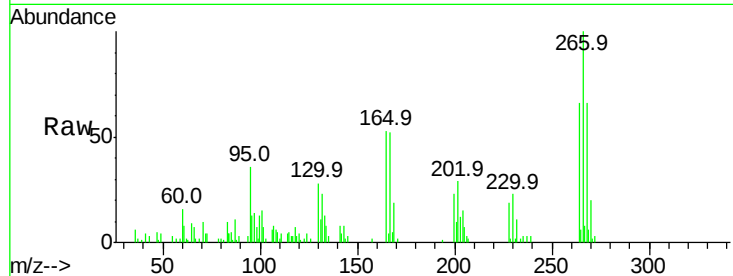
#69
 Pentachlorophenol
 Concen: 25.321 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	66.5	51.1	76.7	
264	66.1	51.7	77.5	

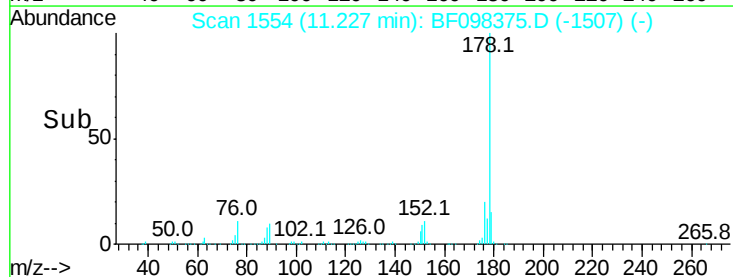
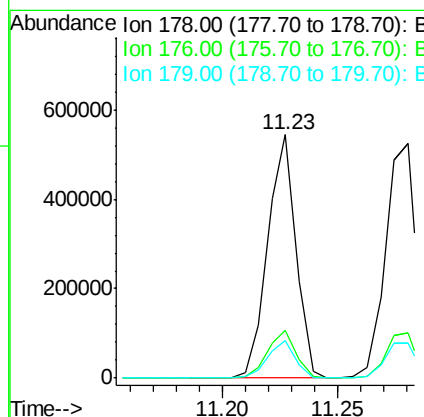
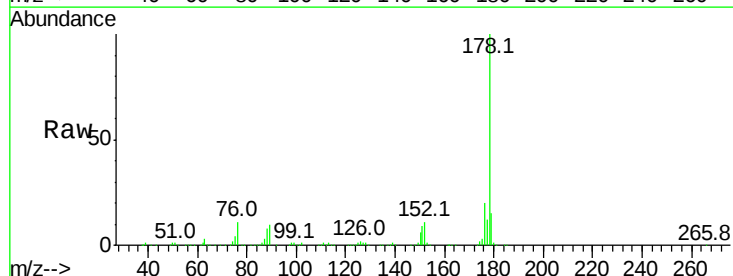
Manual Integrations
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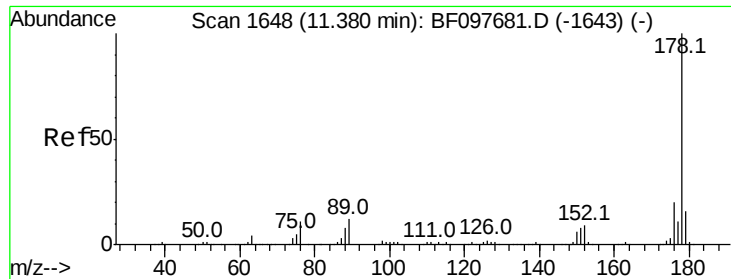
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#70
 Phenanthrene
 Concen: 40.698 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.5	16.2	24.4	
179	15.2	12.6	19.0	





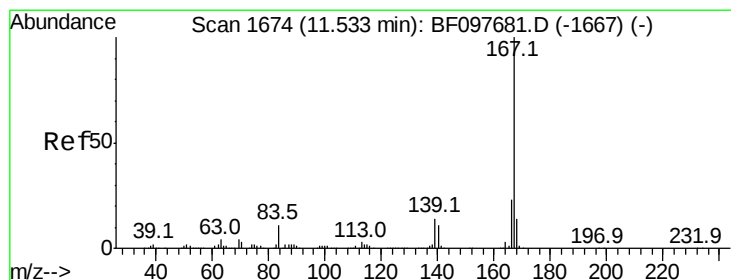
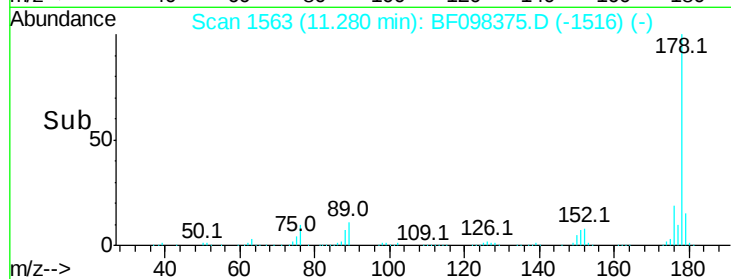
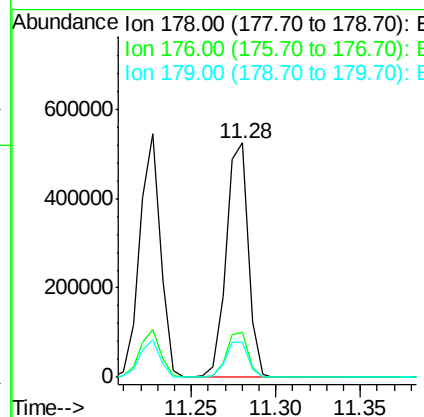
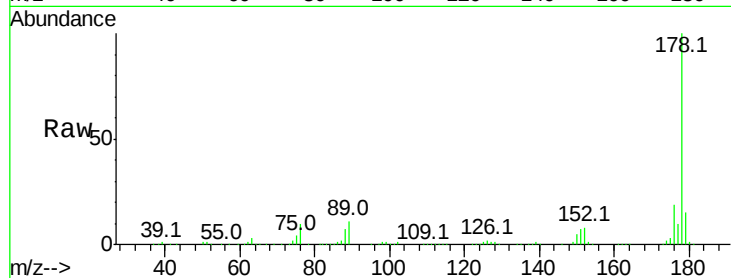
#71
 Anthracene
 Concen: 41.502 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.2	12.7	19.1

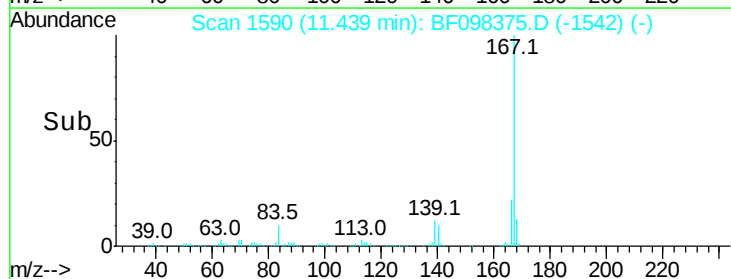
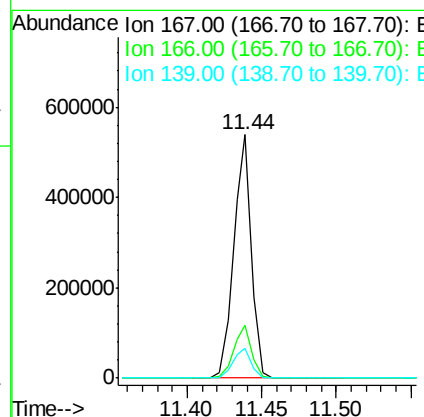
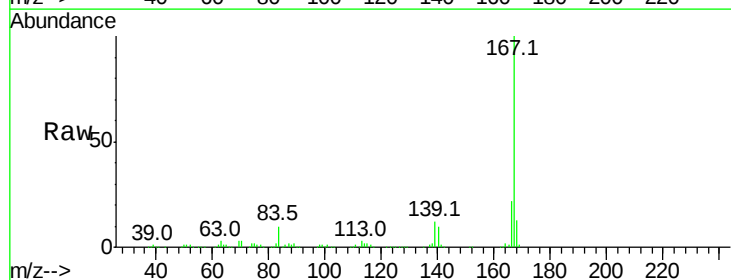
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#72
 Carbazole
 Concen: 41.121 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	12.5	11.7	17.5





#73

Di-n-butylphthalate

Concen: 47.950 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

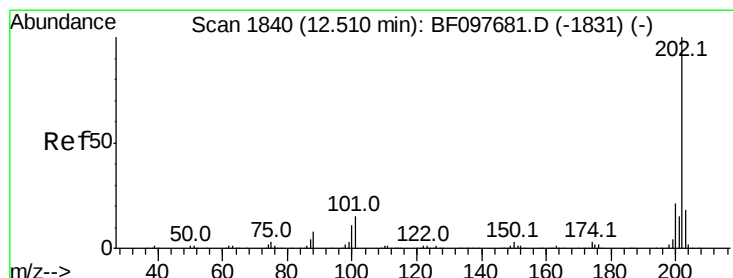
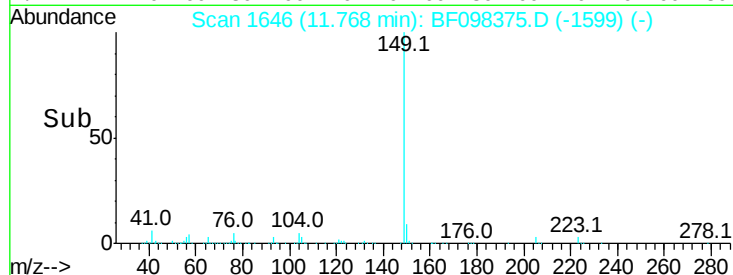
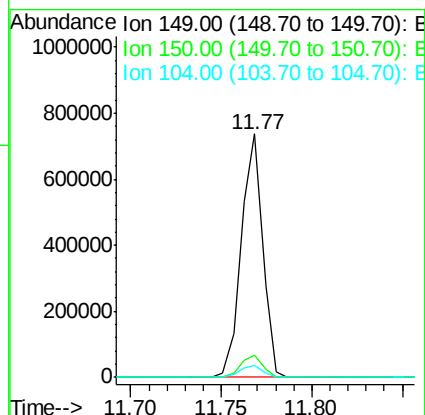
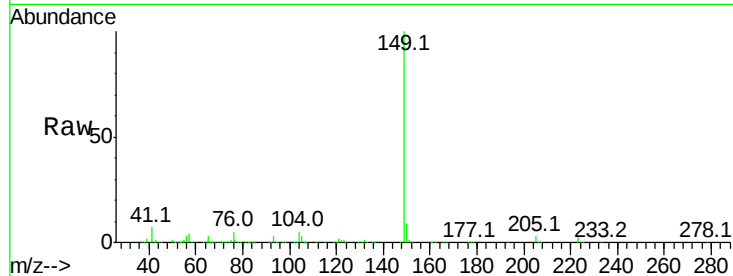
ClientSampled :

PB102179BS

Tot Ion:	149	Resp:	605375
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.8	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 43.962 ng

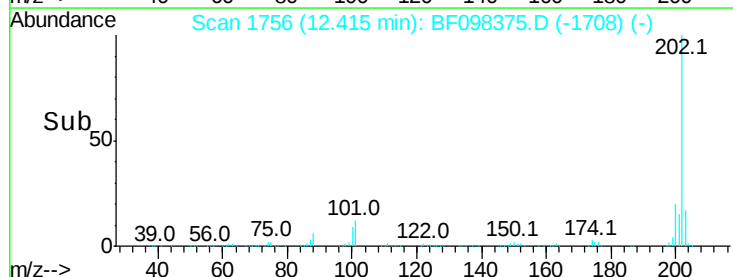
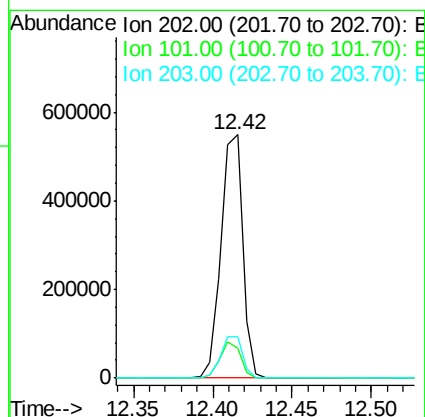
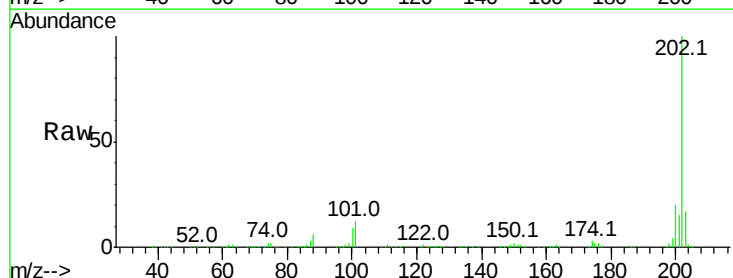
RT: 12.42 min Scan# 1756

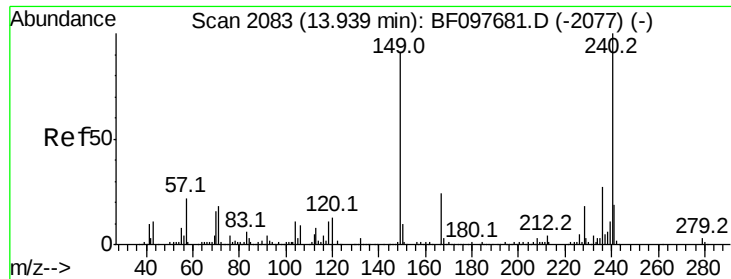
Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Tgt Ion:	202	Resp:	522407
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	33.2
203	17.0	0.0	38.1





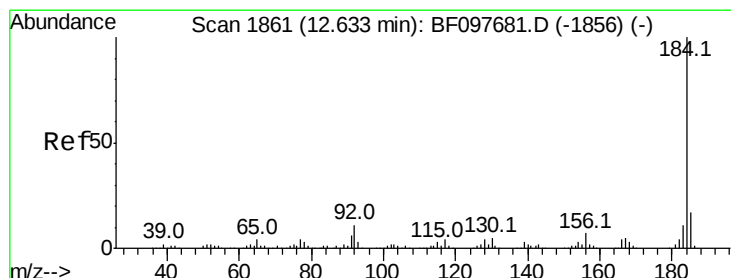
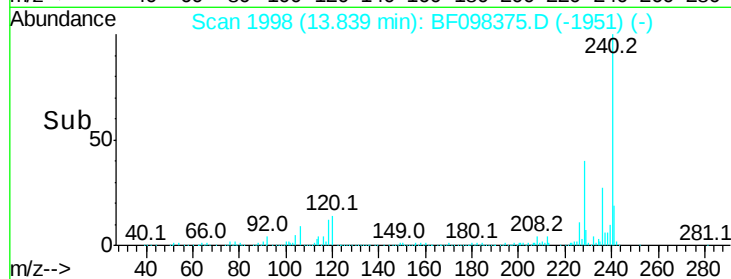
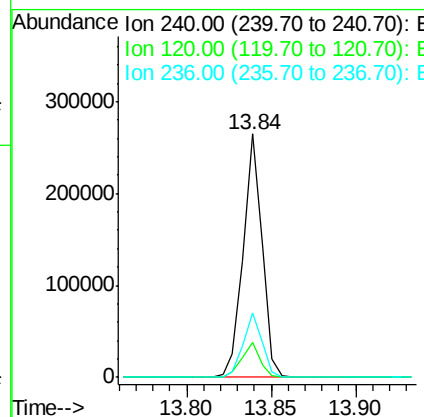
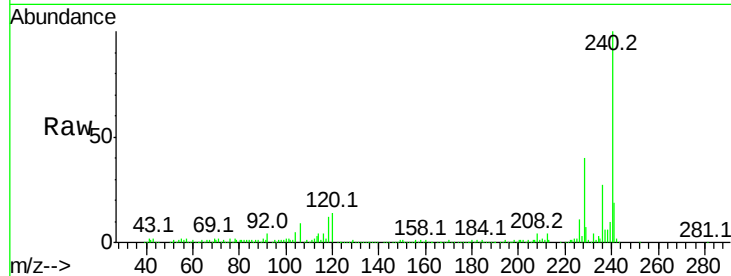
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	26.7	20.5	30.7

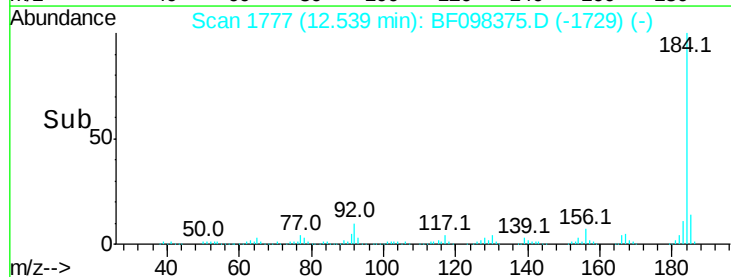
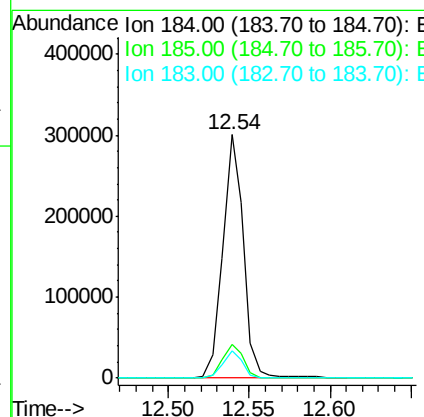
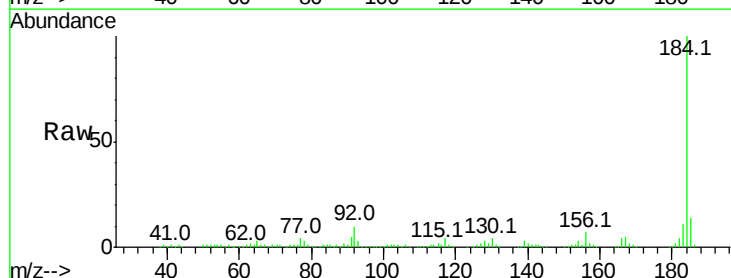
Manual Integrations
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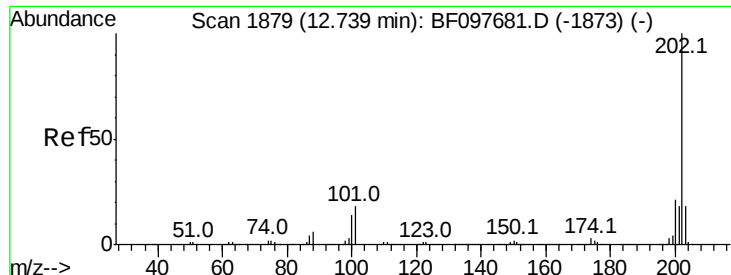
Sohil
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#76
Benzidine
Concen: 39.865 ng m
RT: 12.54 min Scan# 1777
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	15.5	23.3#
183	11.2	9.8	14.6





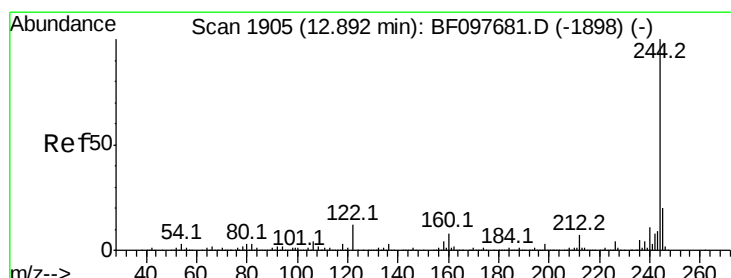
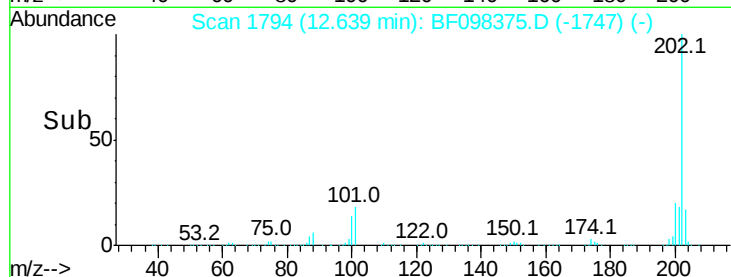
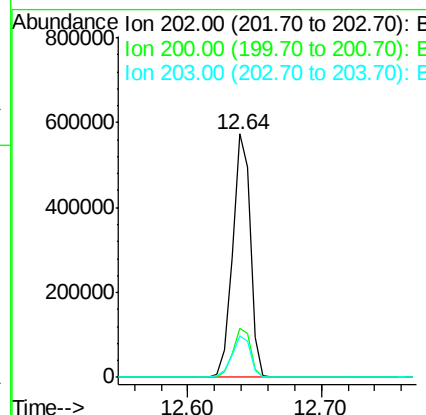
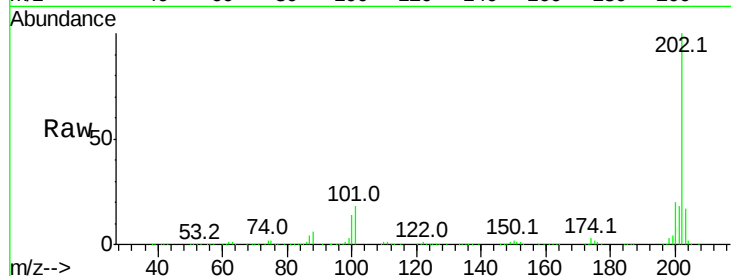
#77
Pvrene
Concen: 31.984 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.6	26.4
203	17.2	14.4	21.6

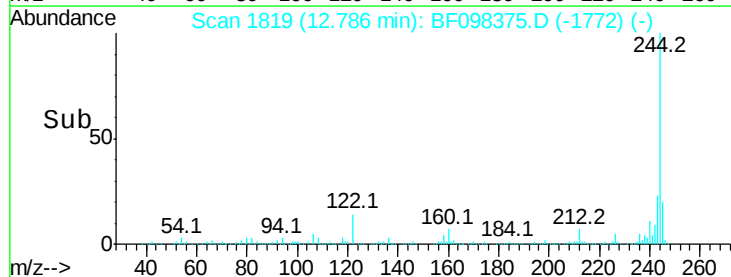
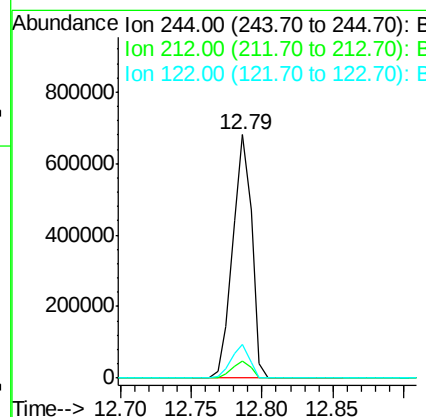
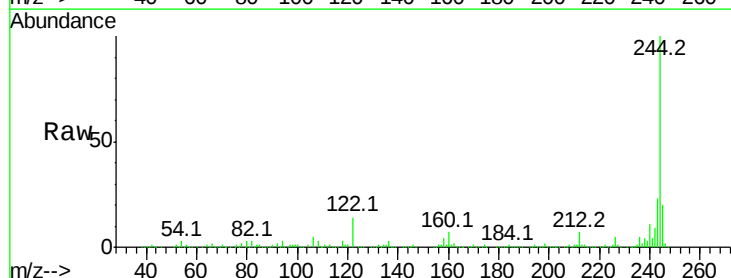
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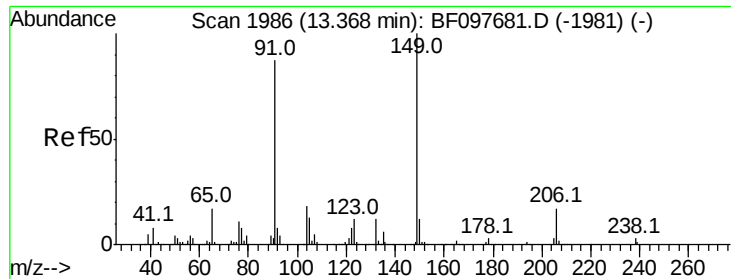
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#78
Terphenyl-d14
Concen: 64.274 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.1	10.3	15.5





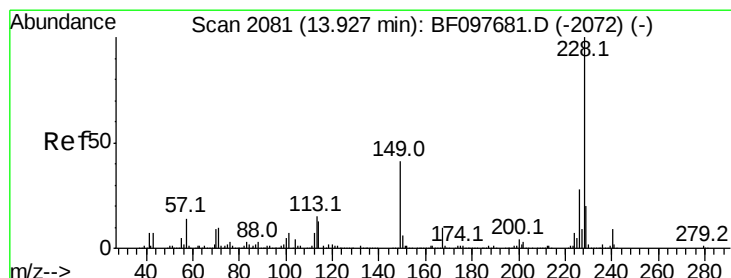
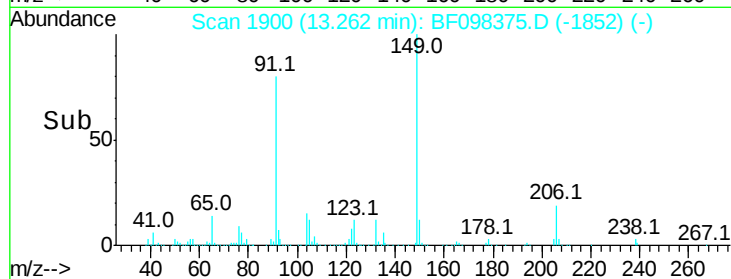
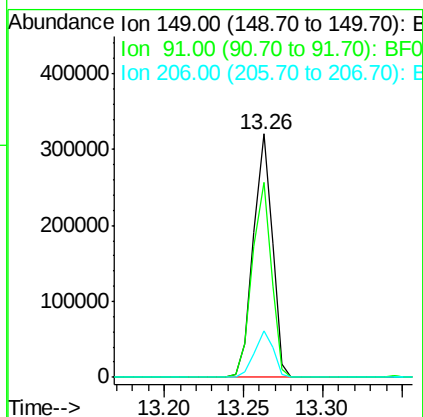
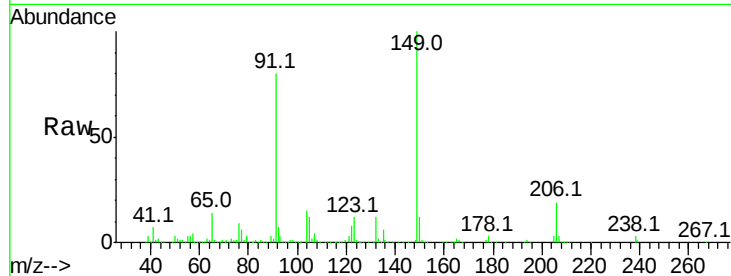
#79
Butylbenzylphthalate
Concen: 41.432 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	80.0	45.0	67.4#
206	18.9	17.0	25.6

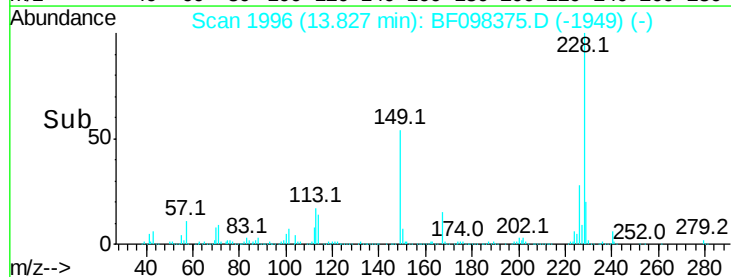
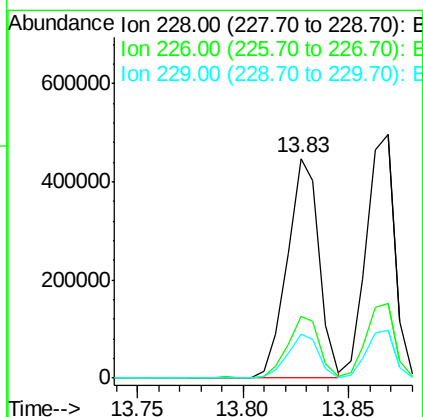
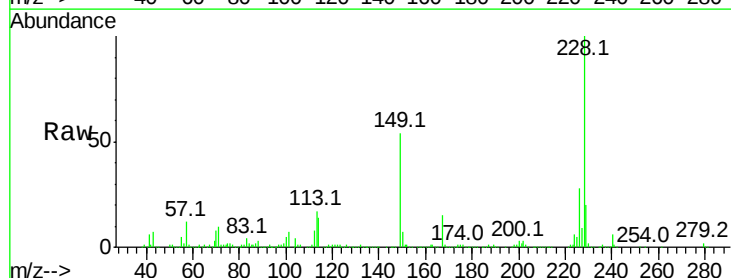
Manual Integrations
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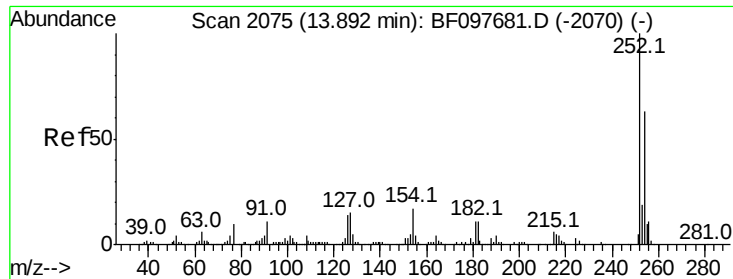
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#80
Benzo(a)anthracene
Concen: 37.846 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.9	16.3	24.5





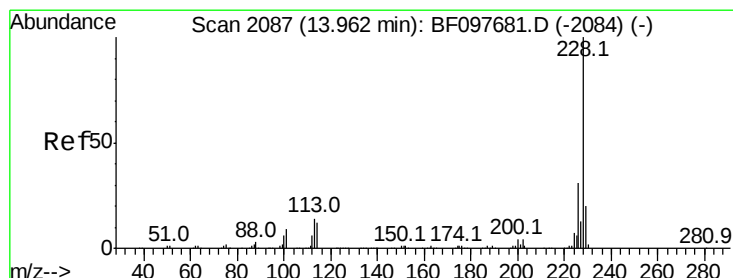
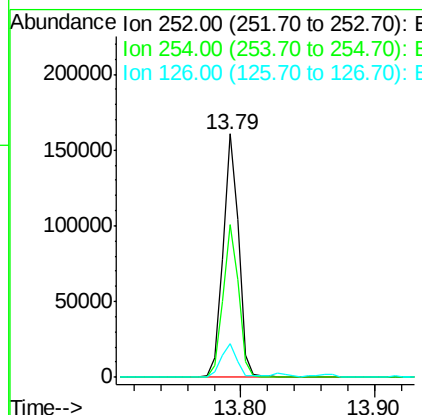
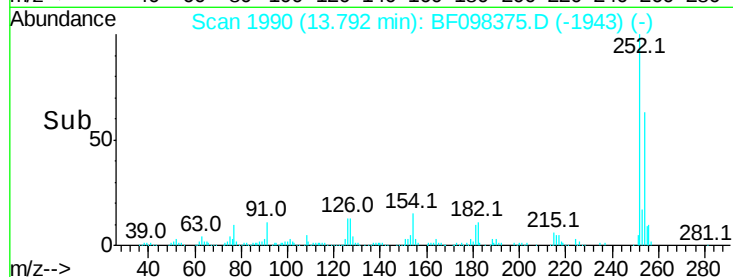
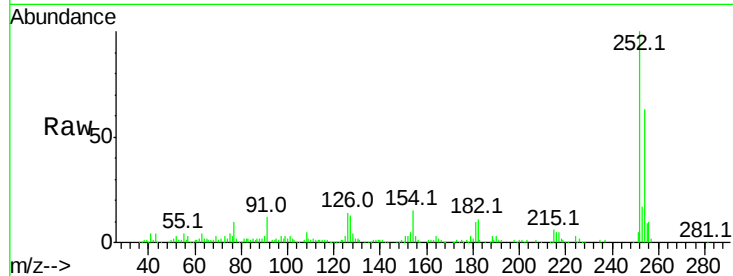
#81
 3,3'-Dichlorobenzidine
 Concen: 31.925 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.8	51.5	77.3
126	13.7	15.8	23.8

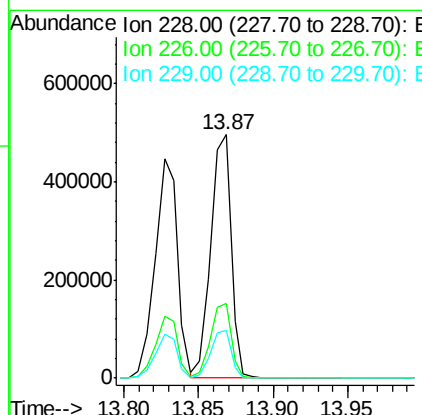
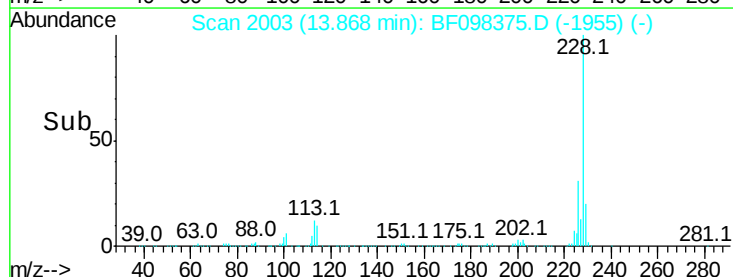
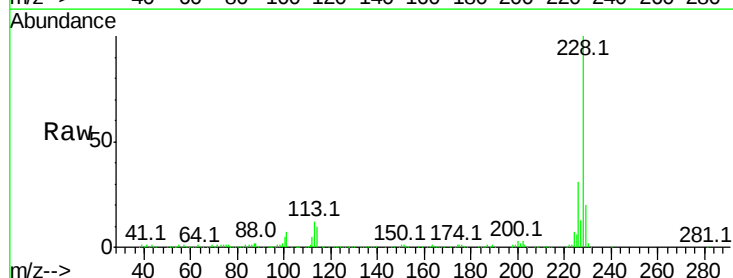
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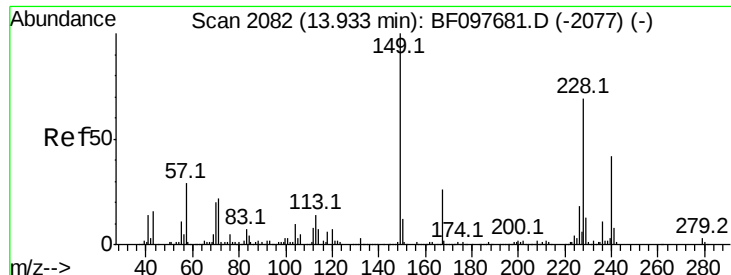
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#82
 Chrysene
 Concen: 38.021 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.6	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.975 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

ClientSampleId :

PB102179BS

Tot Ion:149 Resp: 372637
Ion Ratio Lower Upper

149 100

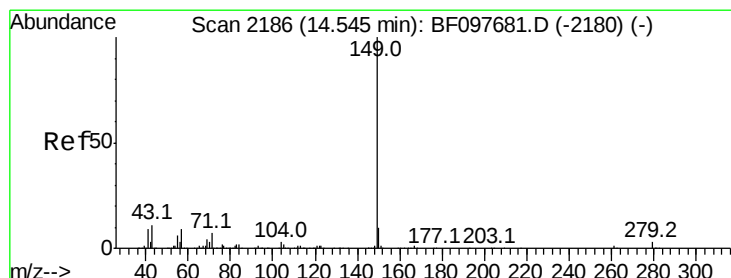
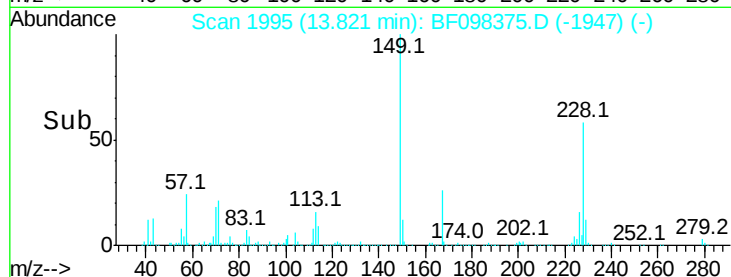
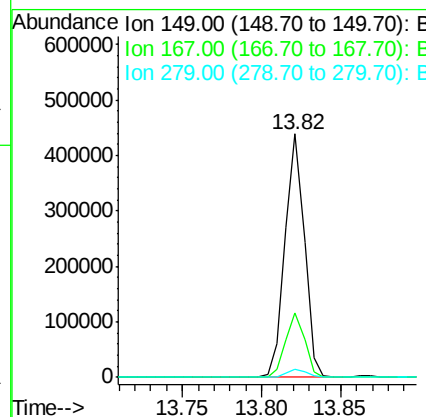
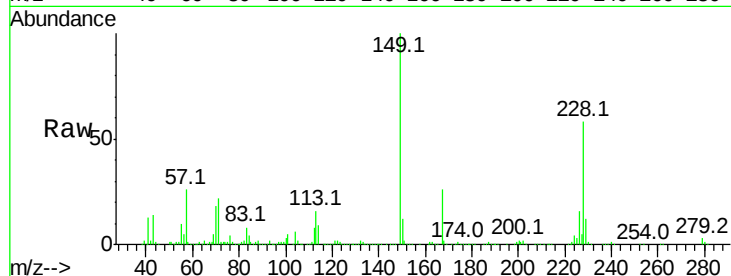
167 26.5 21.0 31.4

279 3.1 1.9 2.9#

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#84

Di-n-octyl phthalate

Concen: 57.237 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.02 min

Lab File: BF098375.D

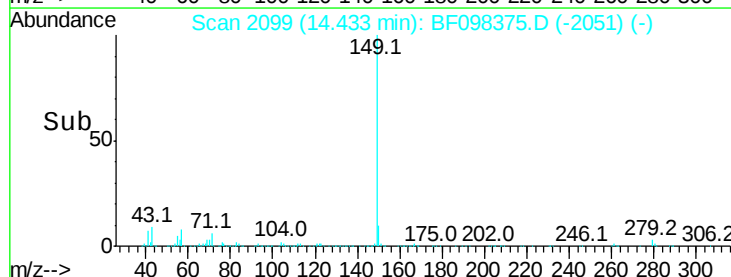
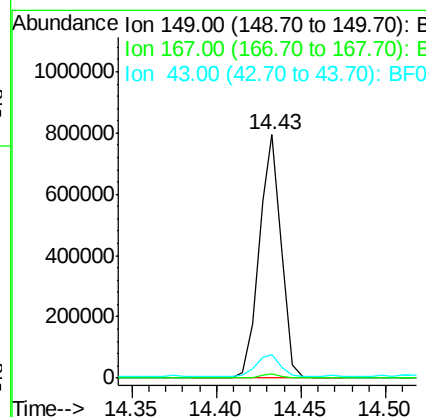
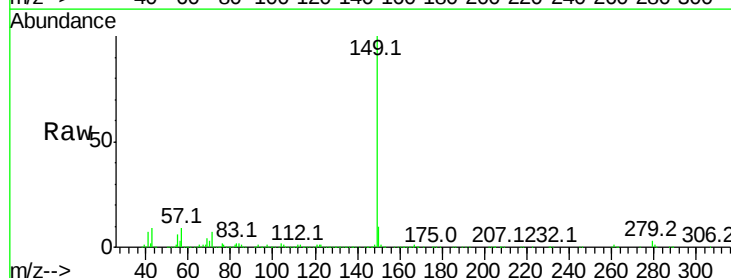
Acq: 9 Sep 2017 5:04

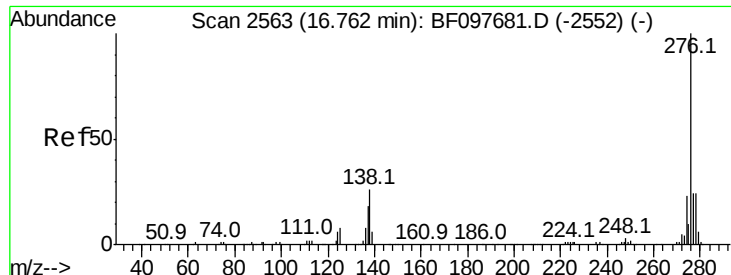
Tgt Ion:149 Resp: 714018
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.3 8.5 12.7





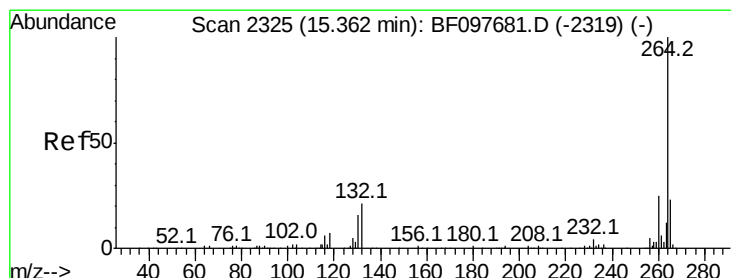
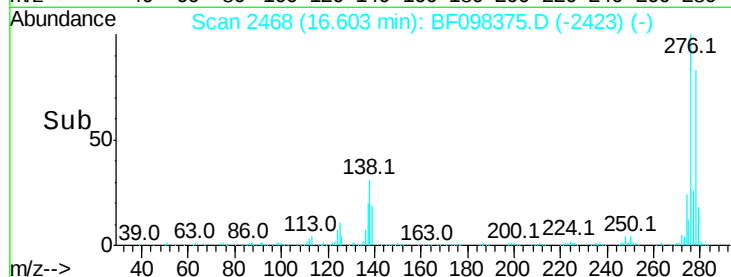
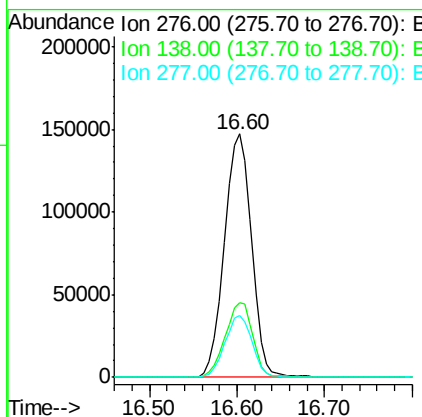
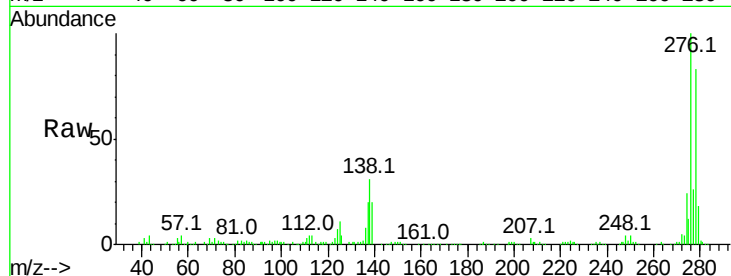
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.710 ng
 RT: 16.60 min Scan# 2468
 Delta R.T. -0.04 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion:	276	Resp:	314106
Ion Ratio	Lower	Upper	
276	100		
138	31.3	27.8	41.6
277	25.3	20.2	30.4

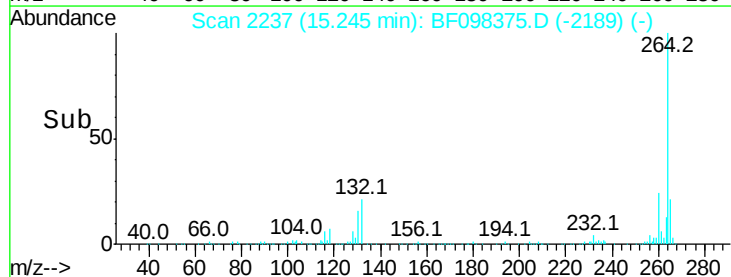
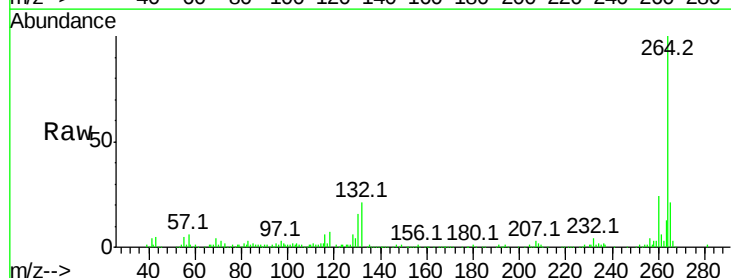
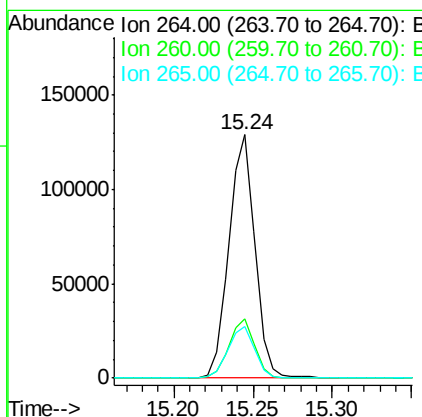
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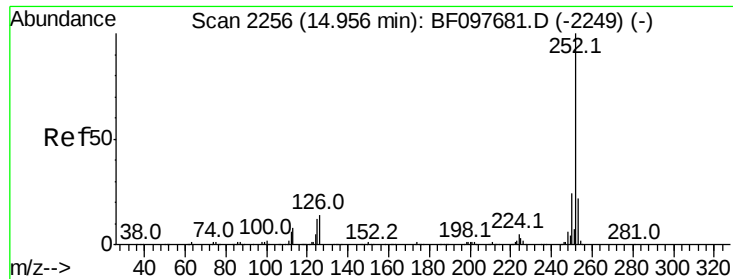
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.02 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Tgt Ion:	264	Resp:	146263
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.5	29.3
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.493 ng

RT: 14.85 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Instrument :

BNA_F

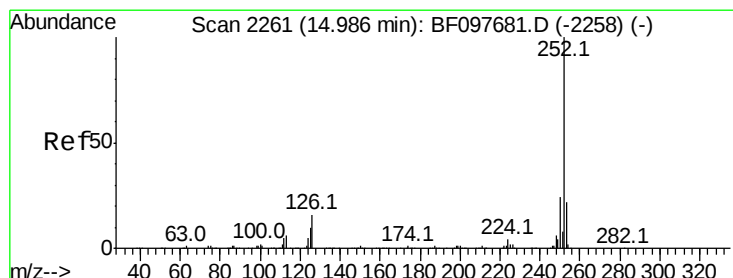
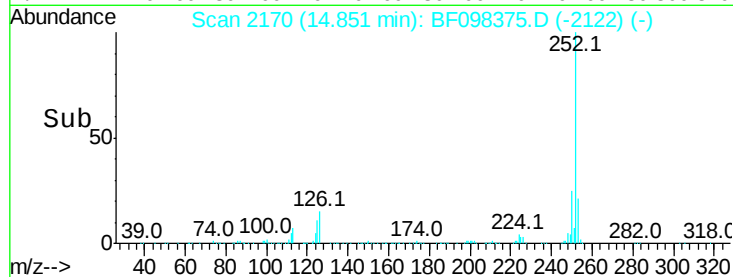
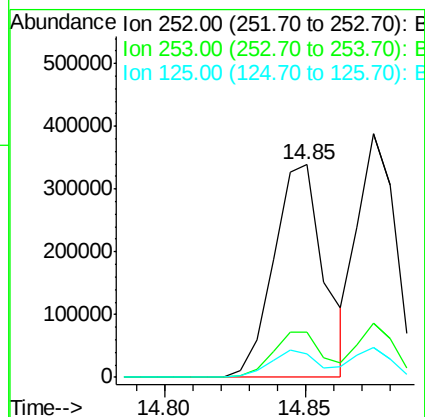
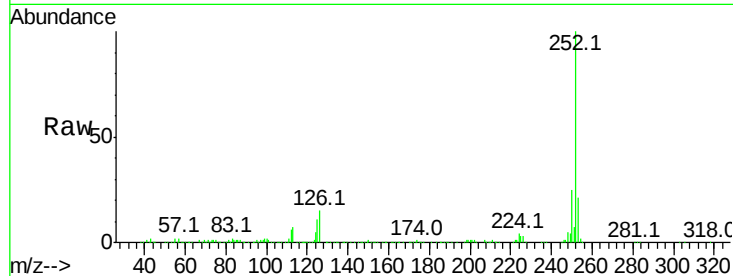
ClientSampleId :

PB102179BS

Tot Ion:	252	Resp:	419417
Ion Ratio	Lower	Upper	
252	100		
253	21.1	18.1	27.1
125	11.0	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 41.776 ng

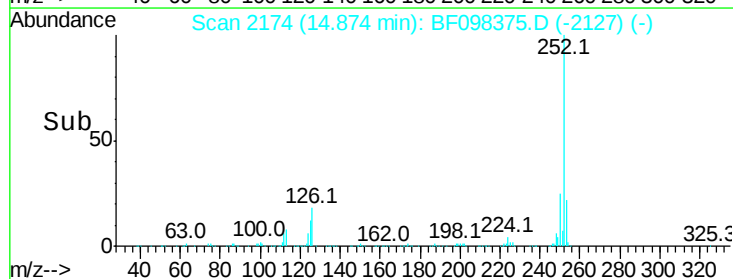
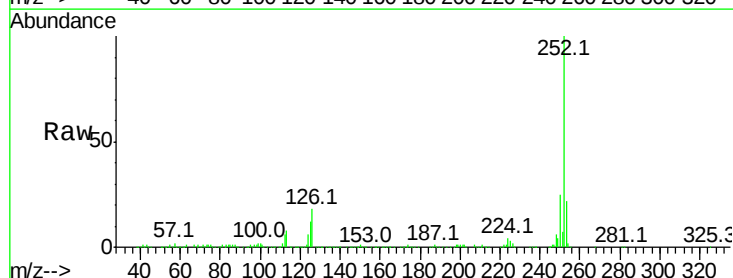
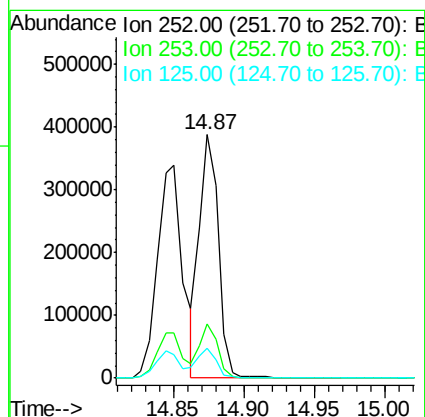
RT: 14.87 min Scan# 2174

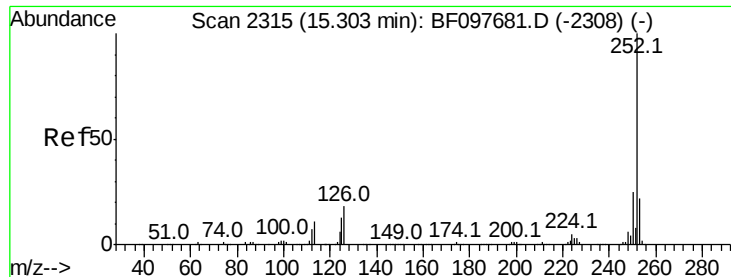
Delta R.T. -0.02 min

Lab File: BF098375.D

Acq: 9 Sep 2017 5:04

Tgt Ion:	252	Resp:	361849
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	12.2	13.1	19.7#





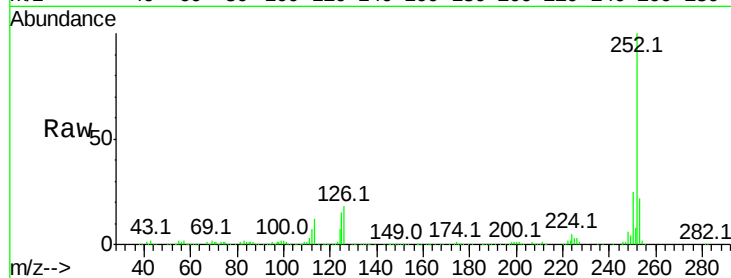
#89
Benzo(a)pyrene
Concen: 42.928 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Instrument :
BNA_F
ClientSampleId :
PB102179BS

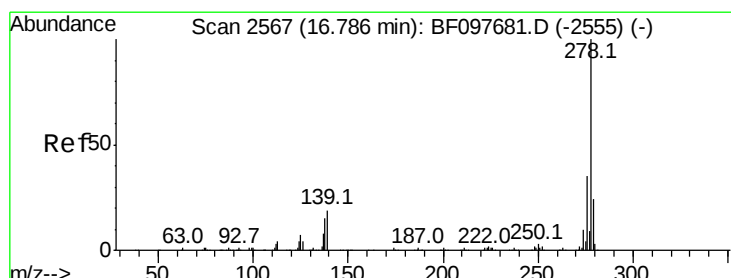
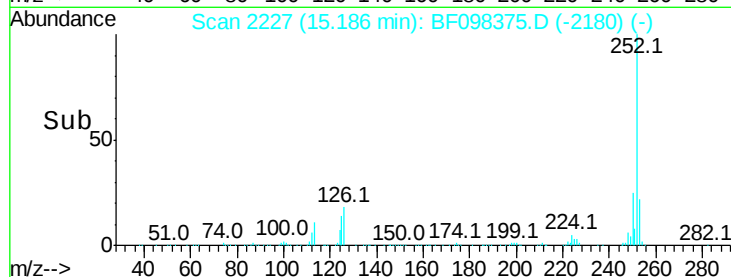
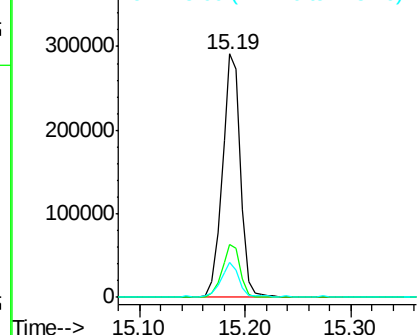
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	14.5	11.0	16.4

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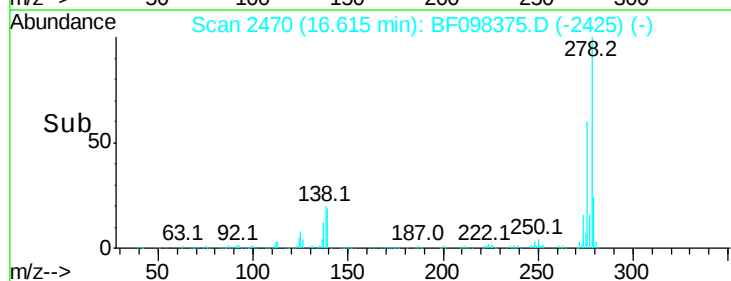
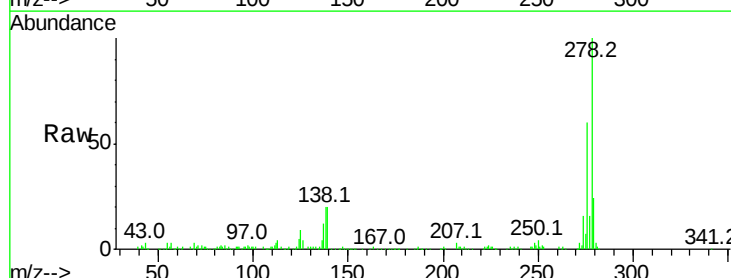
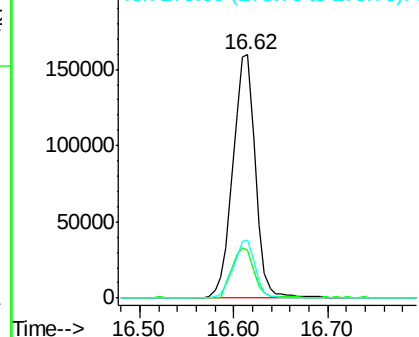
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

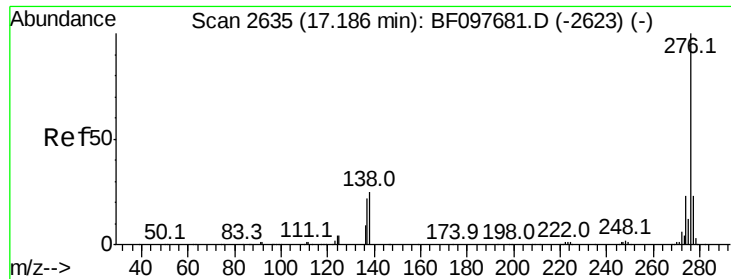


#90
Dibenzo(a,h)anthracene
Concen: 40.192 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.04 min
Lab File: BF098375.D
Acq: 9 Sep 2017 5:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	16.6	24.8
279	23.6	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 36.470 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. -0.04 min
 Lab File: BF098375.D
 Acq: 9 Sep 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BS

Tot Ion:	276	Resp:	252853
Ion Ratio	Lower	Upper	
276	100		
277	22.6	18.6	28.0
138	25.8	25.4	38.0

Manual Integrations
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