

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105077.D
 Acq On : 3 May 2018 17:21
 Operator : JU/SJ
 Sample : PB108756BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Manual Integrations
 APPROVED

Sohil
 5/4/2018 10:51:34 AM

Quant Time: May 04 02:23:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	91218	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	402132	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	199386	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	379278	20.00	ng	0.00
75) Chrysene-d12	14.03	240	283178	20.00	ng	0.00
86) Perylene-d12	15.60	264	229953	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	841038	140.98	ng	0.01
7) Phenol-d6	6.45	99	982200	134.00	ng	0.00
23) Nitrobenzene-d5	7.36	82	613235	99.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	303495	146.74	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1208301	95.73	ng	-0.01
78) Terphenyl-d14	12.91	244	1303969	104.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.54	88	96896	34.858	ng	# 86
3) Pyridine	3.30	79	256071	32.765	ng	85
4) n-Nitrosodimethylamine	3.26	42	101111	37.010	ng	# 76
6) Aniline	6.46	93	190567	18.713	ng	# 1
8) 2-Chlorophenol	6.57	128	309777	49.198	ng	94
9) Benzaldehyde	6.33	77	169671	49.581	ng	96
10) Phenol	6.46	94	359450	46.218	ng	86
11) bis(2-Chloroethyl)ether	6.52	93	288702	46.518	ng	93
12) 1,3-Dichlorobenzene	6.72	146	318271	44.618	ng	98
13) 1,4-Dichlorobenzene	6.80	146	329266	46.306	ng	100
14) 1,2-Dichlorobenzene	6.95	146	299299	45.421	ng	98
15) Benzyl Alcohol	6.94	79	231303	41.547	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	311191	37.337	ng	# 1
17) 2-Methylphenol	7.06	107	252523	46.137	ng	# 86
18) Hexachloroethane	7.28	117	118696	46.818	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	202438	42.265	ng	90
20) 3+4-Methylphenols	7.22	107	345055	50.832	ng	97
22) Acetophenone	7.20	105	428450	43.277	ng	# 93
24) Nitrobenzene	7.37	77	311822	45.861	ng	96
25) Isophorone	7.61	82	579719	44.516	ng	99
26) 2-Nitrophenol	7.69	139	177324	64.062	ng	96
27) 2,4-Dimethylphenol	7.73	122	280534	48.811	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	371774	46.692	ng	99
29) 2,4-Dichlorophenol	7.94	162	281405	51.315	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	272224	45.233	ng	99
31) Naphthalene	8.09	128	895769	44.735	ng	99
32) Benzoic acid	7.90	122	199420	43.487	ng	97
33) 4-Chloroaniline	8.16	127	48096	5.606	ng	# 93
34) Hexachlorobutadiene	8.19	225	151936	46.091	ng	99
35) Caprolactam	8.53	113	87021m	45.488	ng	
36) 4-Chloro-3-methylphenol	8.65	107	298018	50.682	ng	99
37) 2-Methylnaphthalene	8.78	142	608605	46.987	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	268377	47.021	ng	99
40) Hexachlorocyclopentadiene	8.93	237	223376	69.908	ng	97

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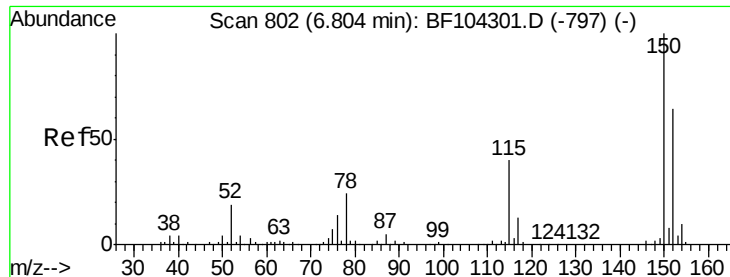
Manual Integrations
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 5/4/2018 10:51:34 AM

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	190407	48.057	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	198298	44.725	ng	96
45) 1,1'-Biphenyl	9.25	154	741750	44.284	ng	99
46) 2-Chloronaphthalene	9.27	162	588372	44.472	ng	99
47) 2-Nitroaniline	9.39	65	166957	51.029	ng	85
48) Acenaphthylene	9.69	152	861518	41.503	ng	100
49) Dimethylphthalate	9.55	163	746140	47.455	ng	100
50) 2,6-Dinitrotoluene	9.62	165	163212	56.098	ng	99
51) Acenaphthene	9.86	154	521495	41.176	ng	99
52) 3-Nitroaniline	9.80	138	54478	15.995	ng	99
53) 2,4-Dinitrophenol	9.92	184	166501	114.802	ng	# 20
54) Dibenzofuran	10.03	168	753376	42.684	ng	96
55) 4-Nitrophenol	9.99	139	183628	68.632	ng	96
56) 2,4-Dinitrotoluene	10.03	165	197698	51.804	ng	# 88
57) Fluorene	10.37	166	646466	50.320	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	170047	51.408	ng	93
59) Diethylphthalate	10.25	149	718456	45.881	ng	98
60) 4-Chlorophenyl-phenylether	10.36	204	302655	52.899	ng	99
61) 4-Nitroaniline	10.43	138	157855	47.399	ng	94
62) Azobenzene	10.53	77	626624	41.885	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	114413	59.806	ng	79
65) n-Nitrosodiphenylamine	10.49	169	577794	43.937	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	190002	47.097	ng	91
67) Hexachlorobenzene	10.92	284	210173	46.299	ng	96
68) Atrazine	11.02	200	174019	43.840	ng	98
69) Pentachlorophenol	11.13	266	191781	68.290	ng	98
70) Phenanthrene	11.35	178	936301	44.329	ng	98
71) Anthracene	11.40	178	970238	45.189	ng	99
72) Carbazole	11.56	167	891461	42.490	ng	99
73) Di-n-butylphthalate	11.87	149	1151371	44.925	ng	99
74) Fluoranthene	12.54	202	980572	44.434	ng	96
76) Benzidine	12.67	184	198058	16.516	ng	97
77) Pyrene	12.77	202	974855	46.443	ng	100
79) Butylbenzylphthalate	13.40	149	472356	47.767	ng	98
80) Benzo(a)anthracene	14.02	228	838771	49.580	ng	98
81) 3,3'-Dichlorobenzidine	13.98	252	110056	17.448	ng	97
82) Chrysene	14.06	228	803522	46.241	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	654081	51.424	ng	98
84) Di-n-octyl phthalate	14.69	149	1045872	49.210	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.10	276	628092	42.550	ng	95
87) Benzo(b)fluoranthene	15.17	252	686512	47.269	ng	98
88) Benzo(k)fluoranthene	15.20	252	697695	50.884	ng	99
89) Benzo(a)pyrene	15.54	252	636652	48.993	ng	98
90) Dibenzo(a,h)anthracene	17.11	278	523172	49.020	ng	96
91) Benzo(g,h,i)perylene	17.54	276	520781	50.365	ng	95

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



#1

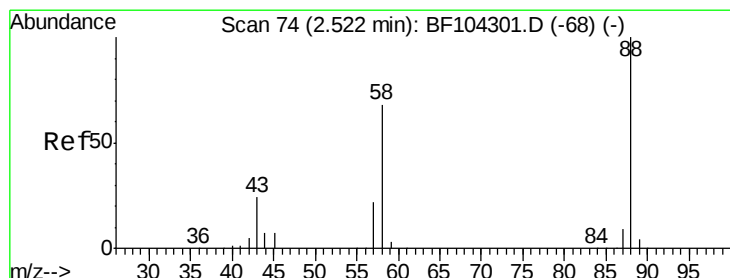
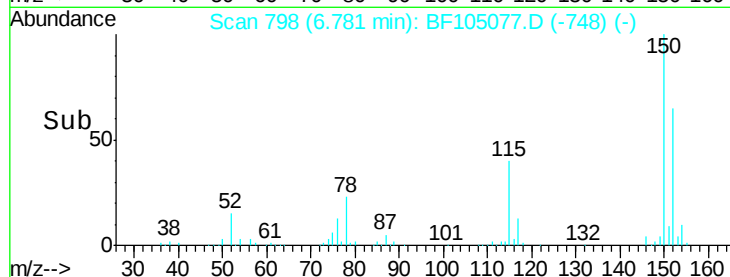
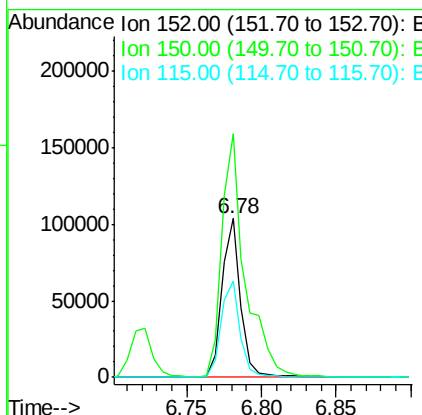
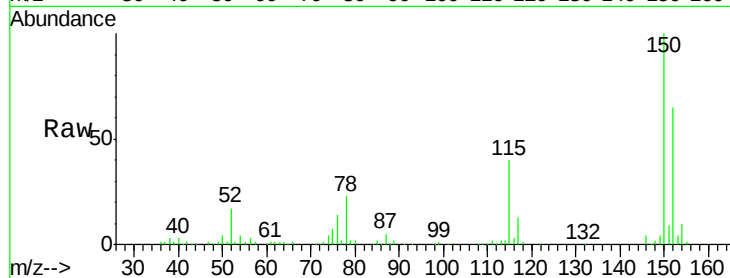
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	60.8	50.1	75.1

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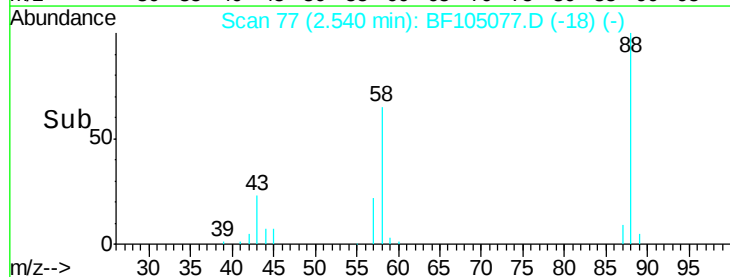
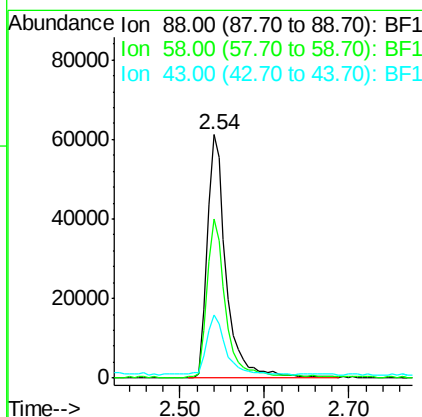
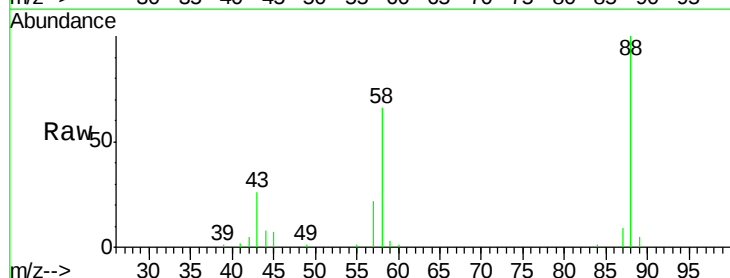
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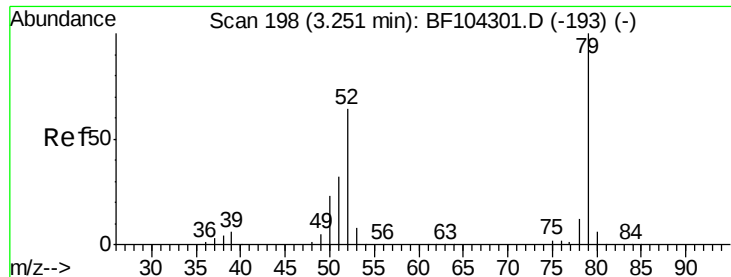


#2

1,4-Dioxane
 Concen: 34.858 ng
 RT: 2.54 min Scan# 77
 Delta R.T. 0.05 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.6	62.6	93.8
43	23.7	24.6	37.0





#3

Pvridine

Concen: 32.765 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.08 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

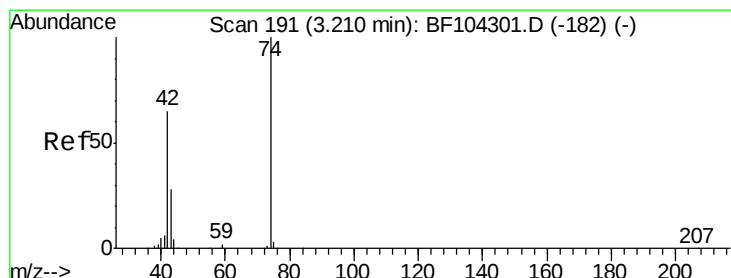
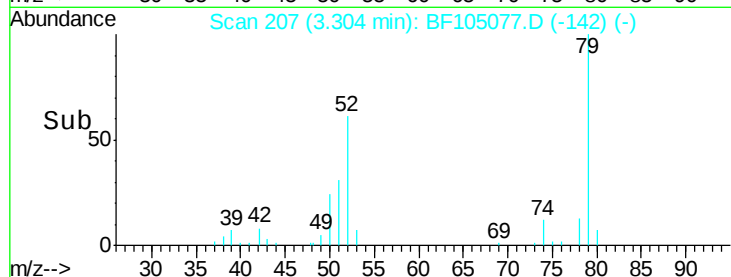
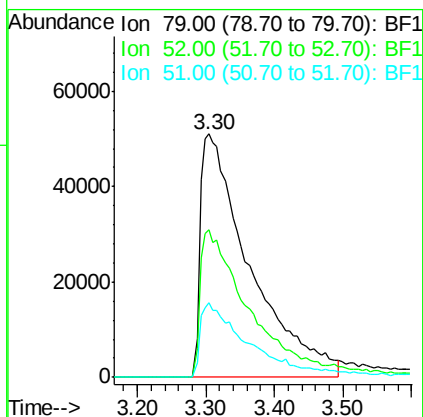
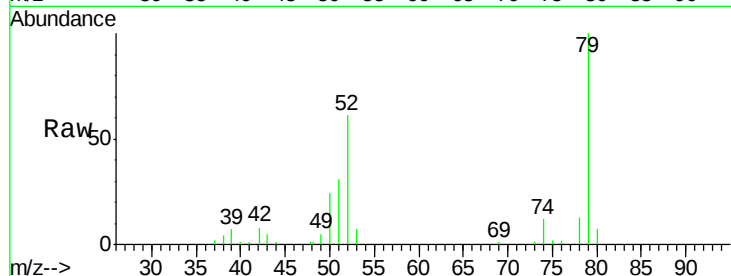
ClientSampleId :

PB108756BSD

Tot Ion:	79	Resp:	256071
Ion Ratio	Lower	Upper	
79	100		
52	60.7	59.8	89.6
51	30.8	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.010 ng

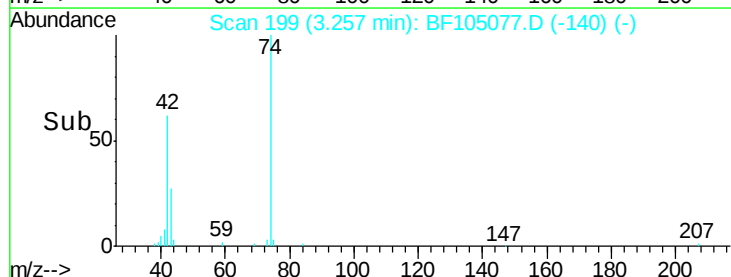
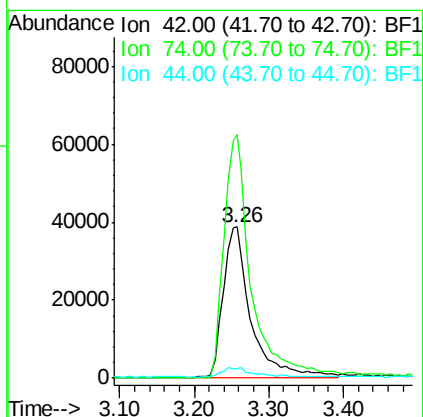
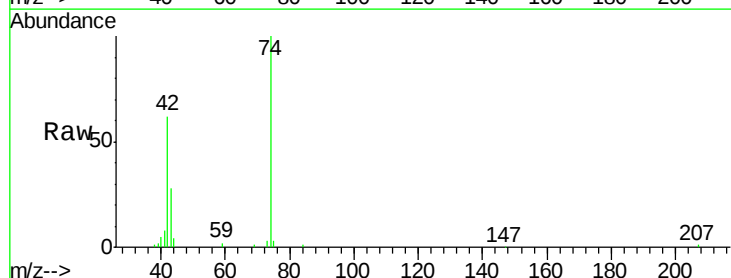
RT: 3.26 min Scan# 199

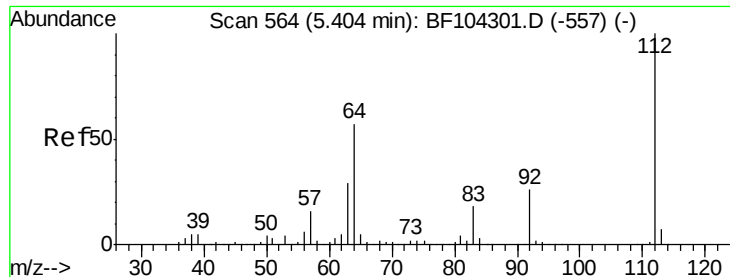
Delta R.T. 0.05 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Tgt Ion:	42	Resp:	101111
Ion Ratio	Lower	Upper	
42	100		
74	160.9	104.9	157.3#
44	6.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 140.980 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

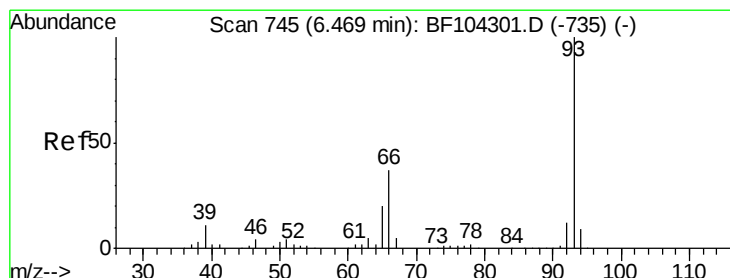
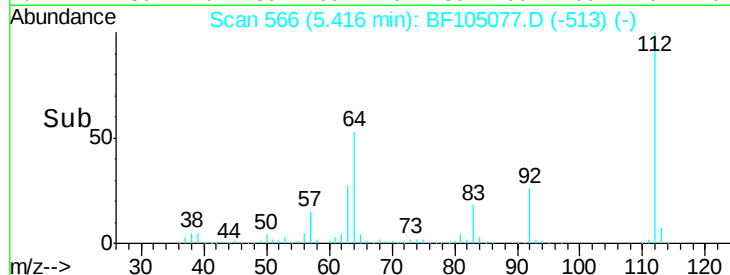
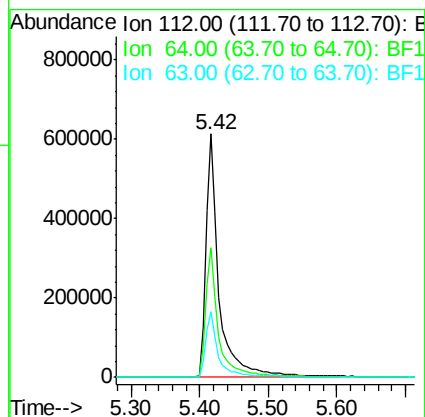
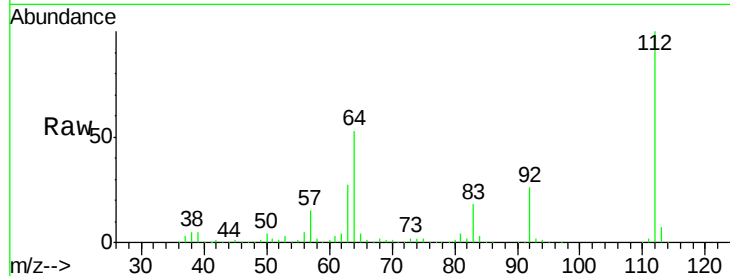
ClientSampleId :

PB108756BSD

Tot Ion:	112	Resp:	841038
Ion Ratio	Lower	Upper	
112	100		
64	53.0	47.9	71.9
63	27.2	23.7	35.5

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#6

Aniline

Concen: 18.713 ng

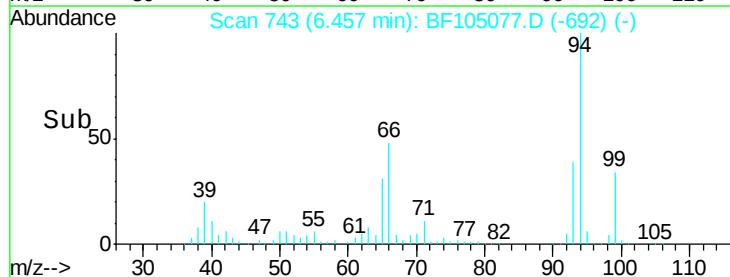
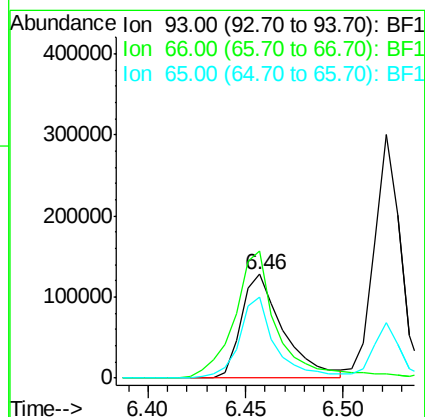
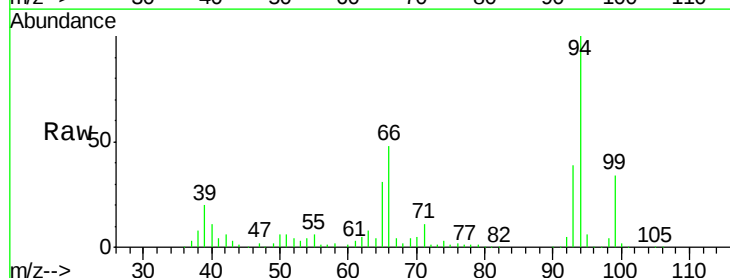
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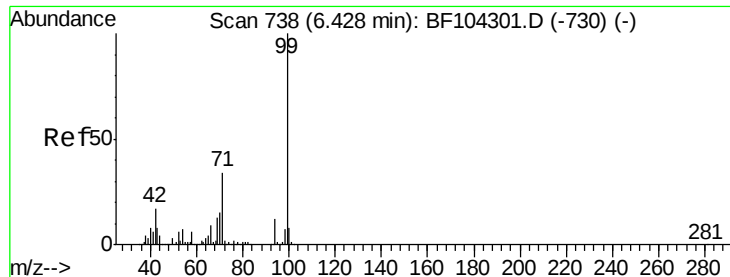
Delta R.T. -0.00 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Tgt Ion:	93	Resp:	190567
Ion Ratio	Lower	Upper	
93	100		
66	123.0	32.2	48.2#
65	78.8	16.4	24.6#





#7

Phenol-d6

Concen: 134.000 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

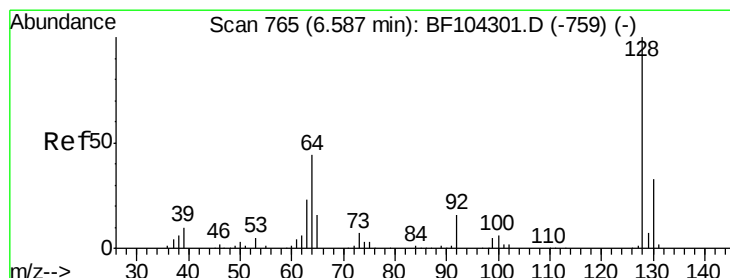
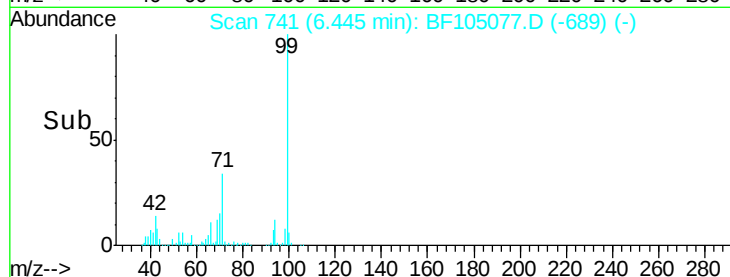
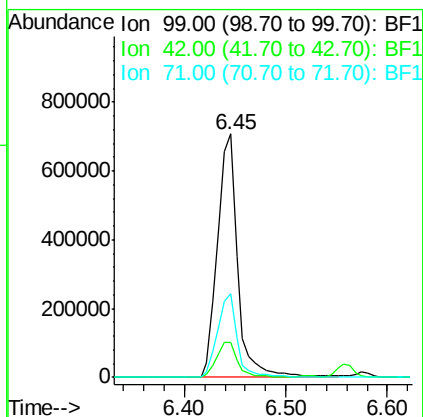
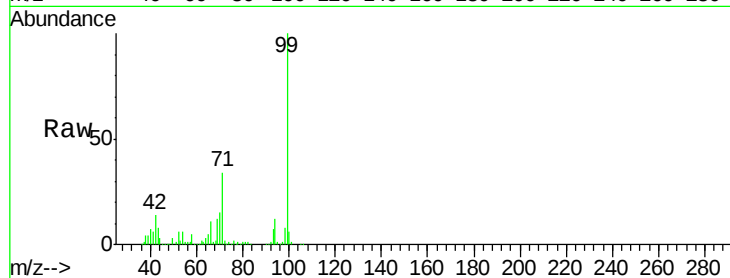
ClientSampleId :

PB108756BSD

Tot Ion:	99	Resp:	982200
Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7
71	34.2	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 49.198 ng

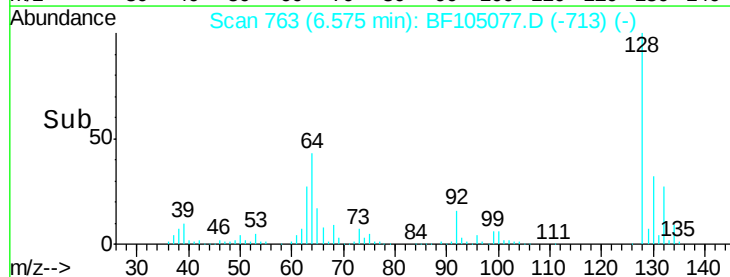
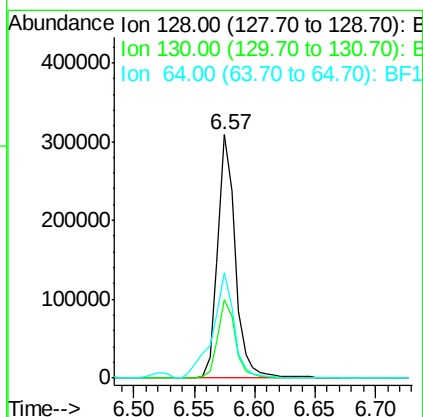
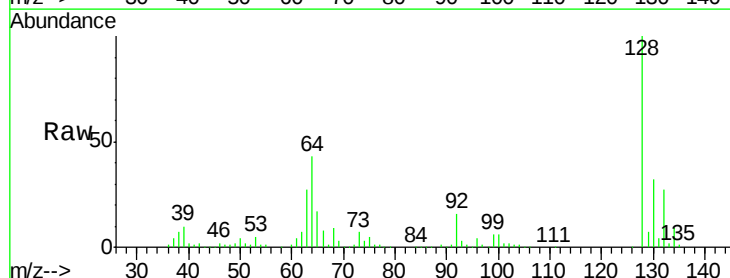
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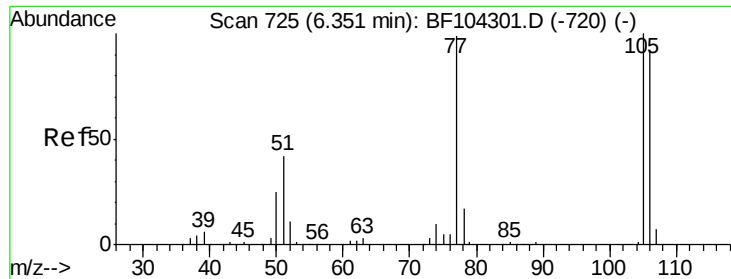
Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Tgt Ion:	128	Resp:	309777
Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.0	53.0
64	43.5	29.4	69.4





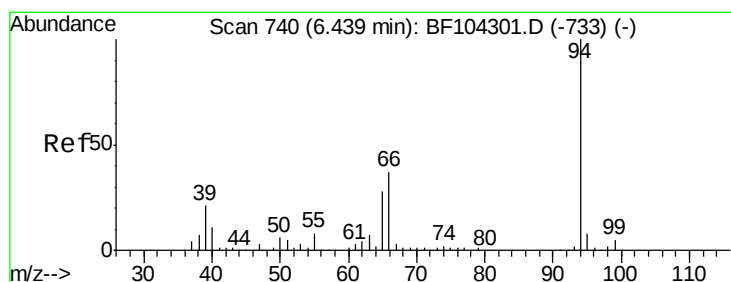
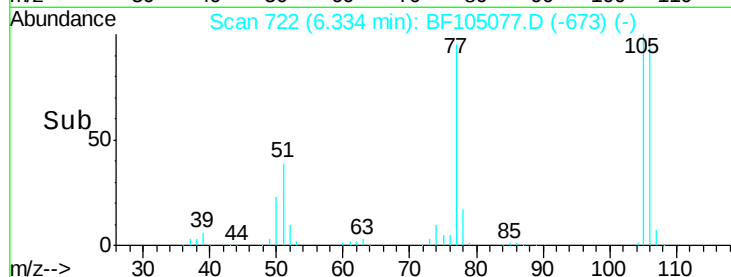
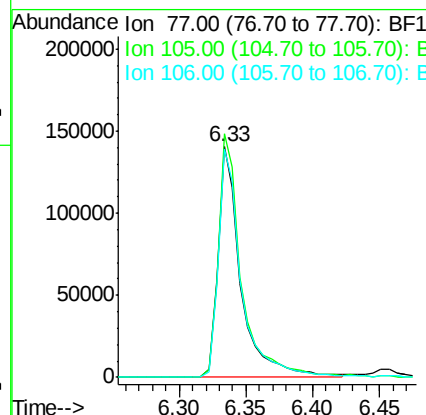
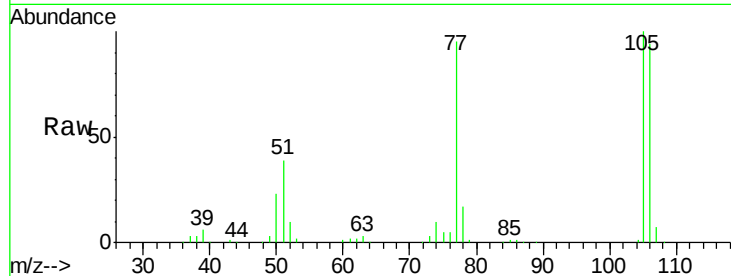
#9
Benzaldehyde
Concen: 49.581 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.6	81.1	121.1
106	98.8	74.5	114.5

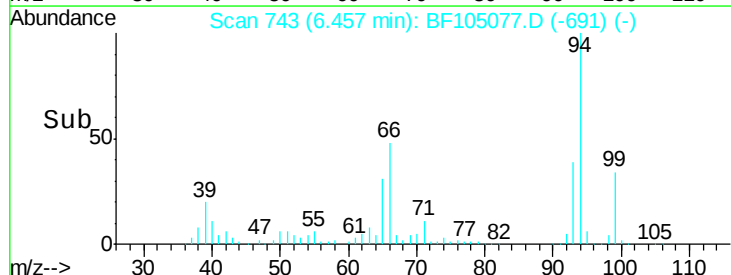
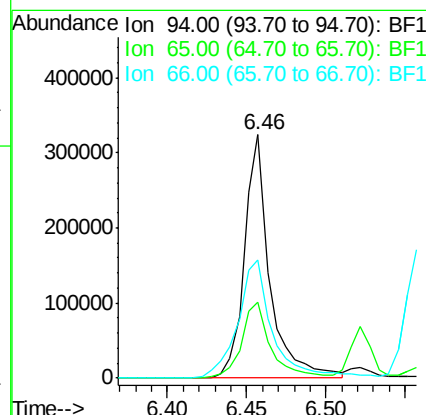
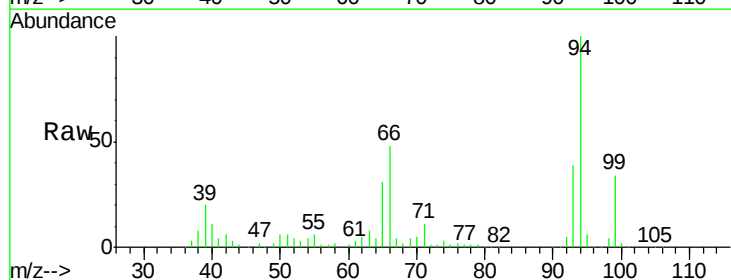
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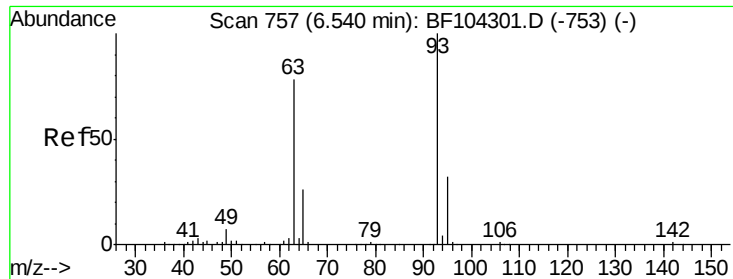
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5/4/2018 10:51:34 AM



#10
Phenol
Concen: 46.218 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.0	7.9	47.9
66	48.5	16.2	56.2





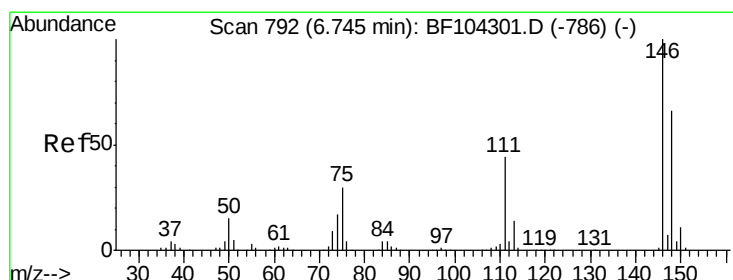
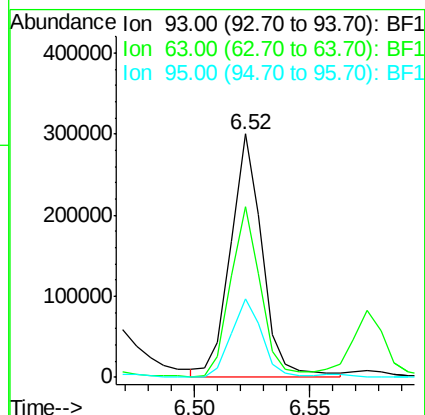
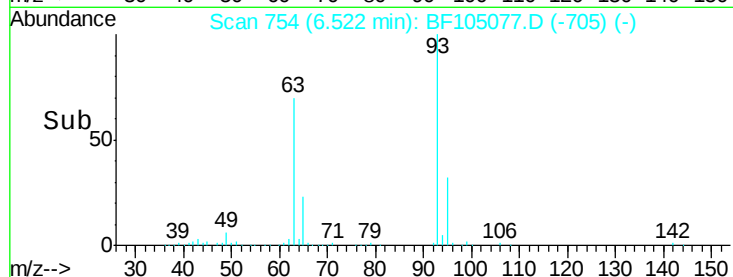
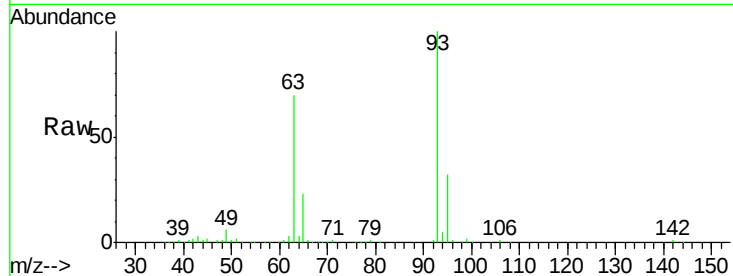
#11
bis(2-Chloroethyl)ether
Concen: 46.518 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion:	93	Resp:	288702
Ion	Ratio	Lower	Upper
93	100		
63	70.1	58.6	98.6
95	32.4	11.8	51.8

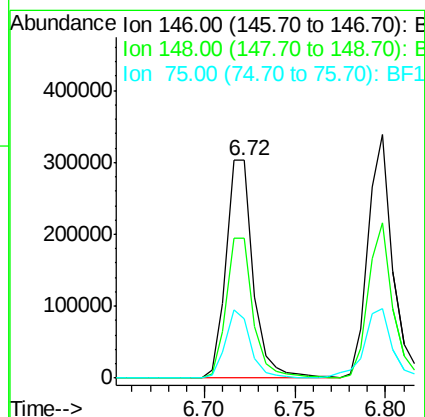
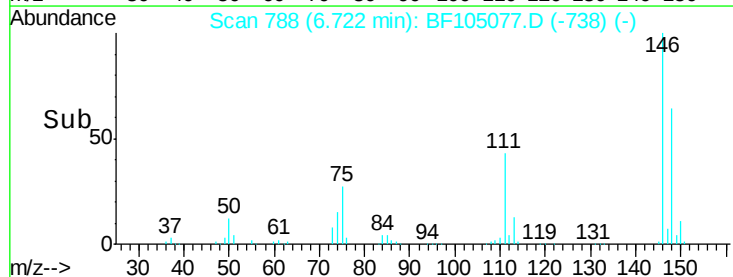
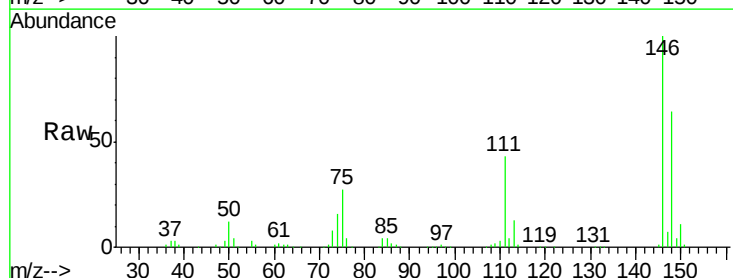
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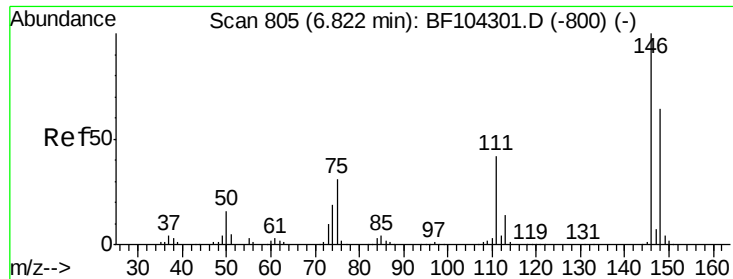
Sohil
5/4/2018 10:51:34 AM



#12
1,3-Dichlorobenzene
Concen: 44.618 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion:	146	Resp:	318271
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	27.0	24.2	36.4





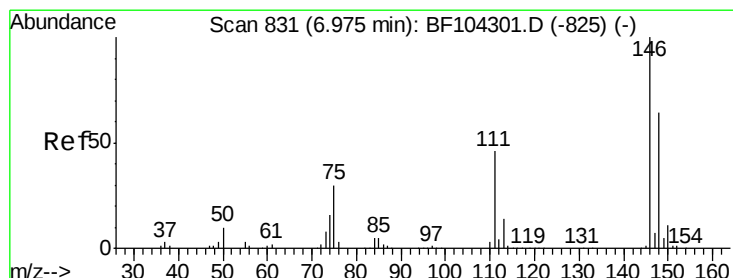
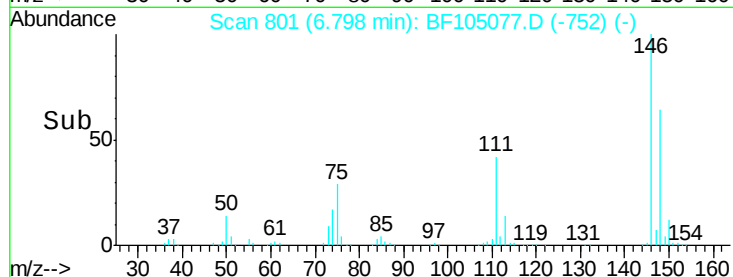
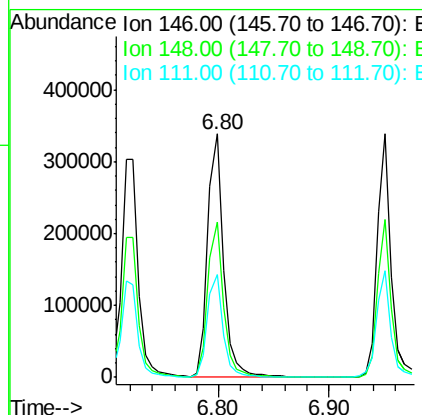
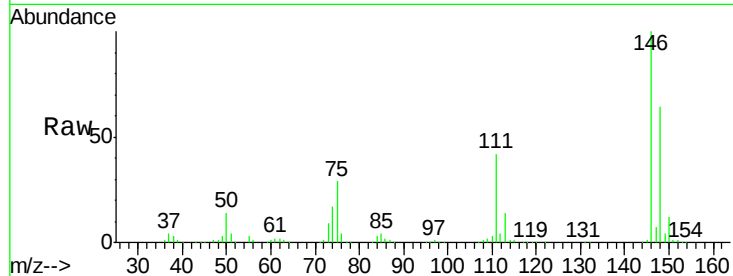
#13
 1,4-Dichlorobenzene
 Concen: 46.306 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	42.2	34.2	51.2

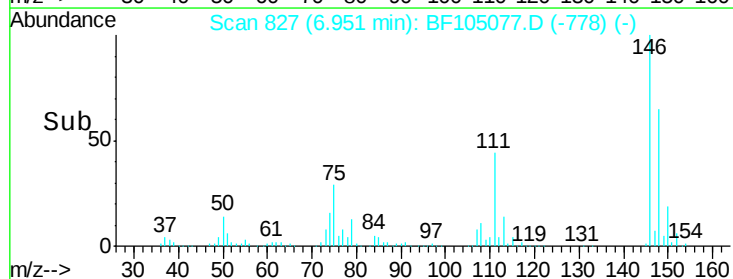
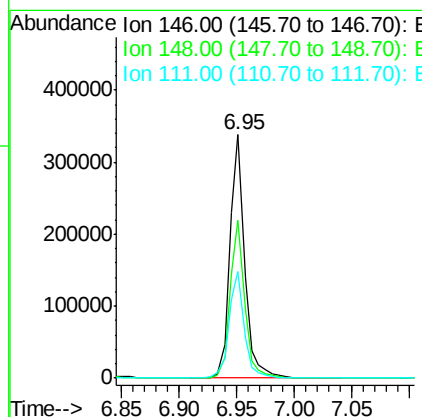
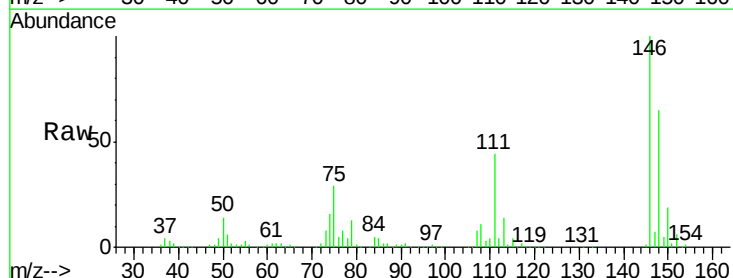
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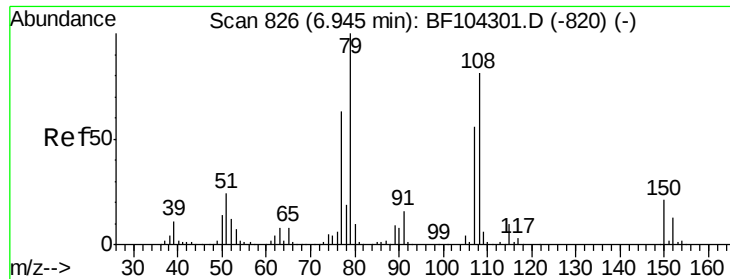
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 45.421 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
111	43.8	36.0	54.0





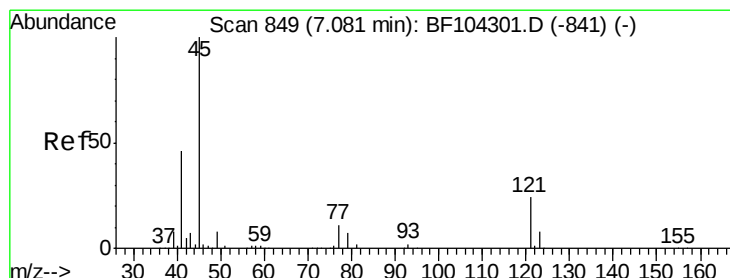
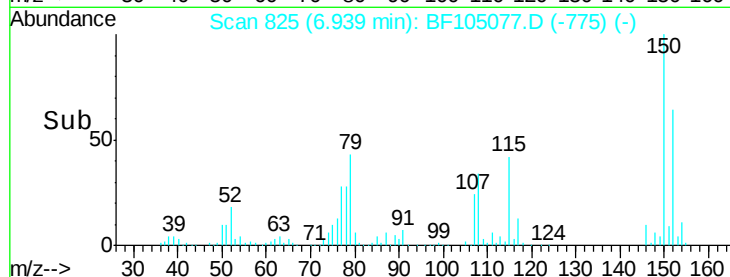
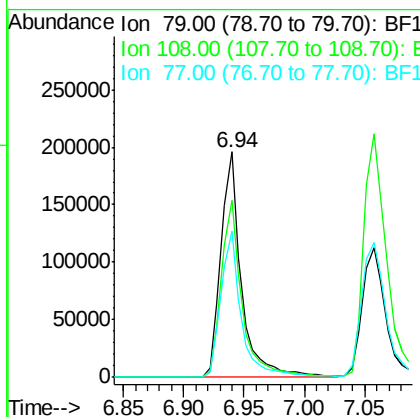
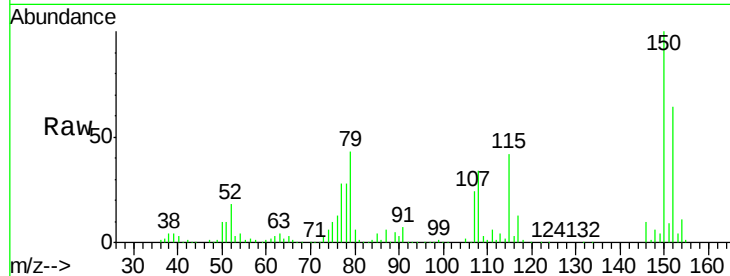
#15
Benzyl Alcohol
Concen: 41.547 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	231303		
108	78.6	65.1	97.7	
77	65.2	50.6	75.8	

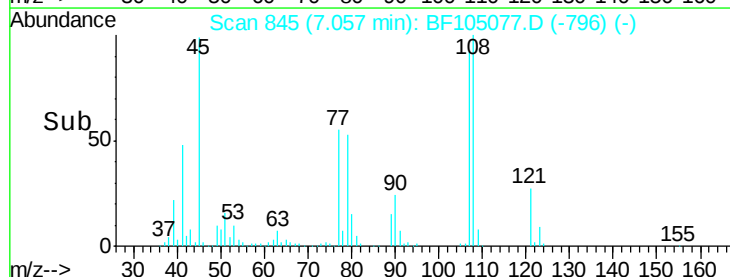
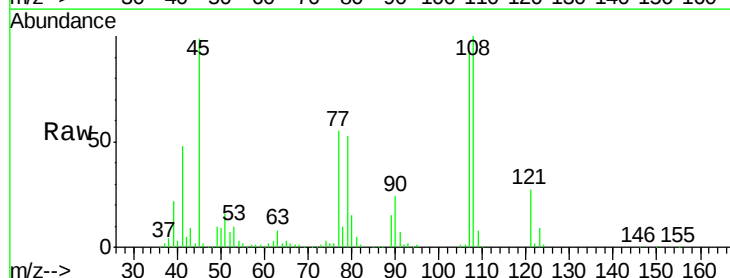
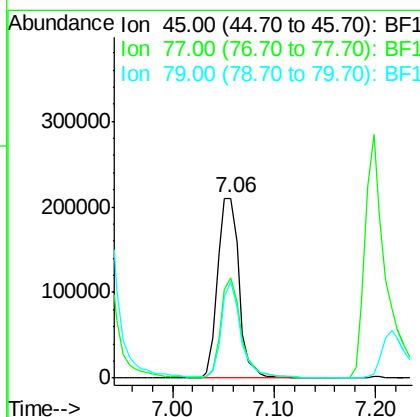
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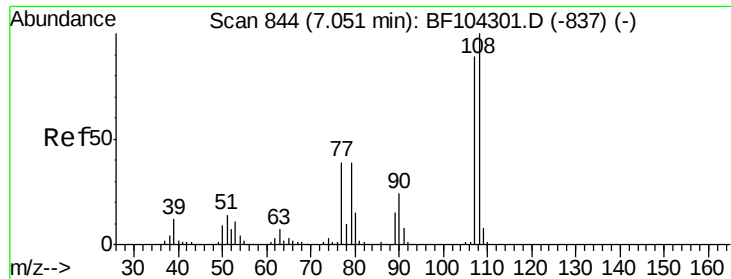
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.337 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	311191		
77	55.8	0.0	32.9#	
79	53.4	0.0	29.6#	





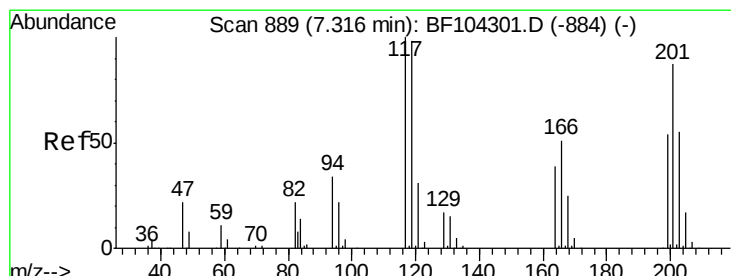
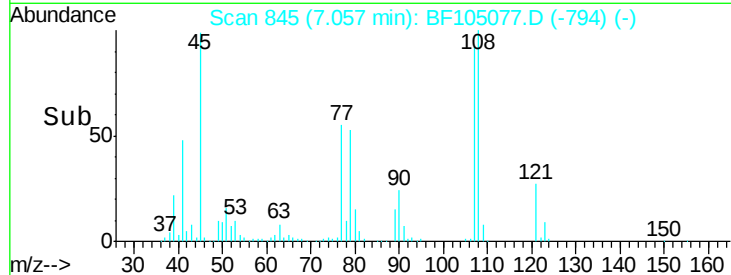
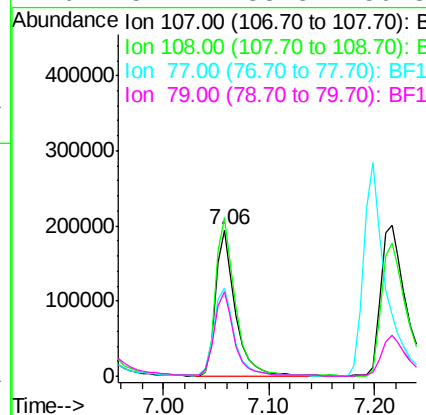
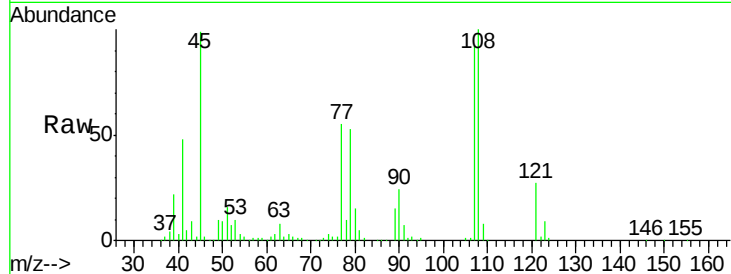
#17
2-Methylphenol
Concen: 46.137 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion:	107	Resp:	252523
Ion Ratio	Lower	Upper	
107	100		
108	108.7	91.7	137.5
77	60.3	33.8	50.8#
79	57.7	33.8	50.8#

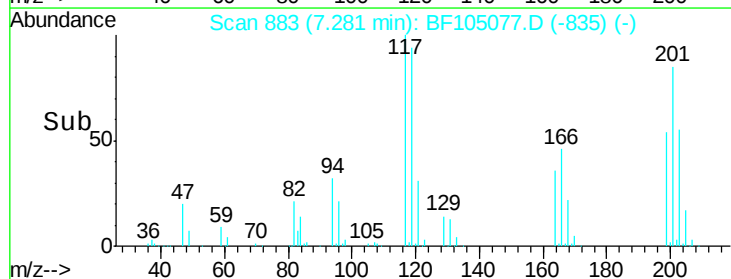
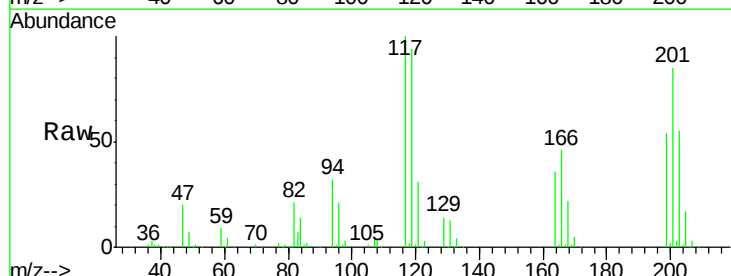
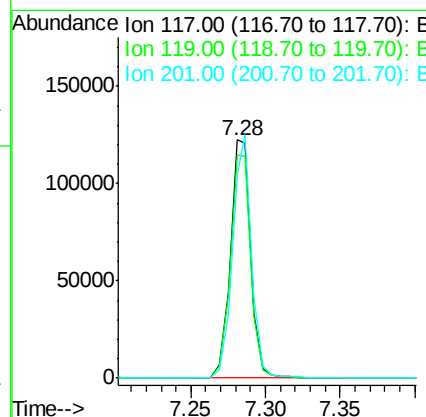
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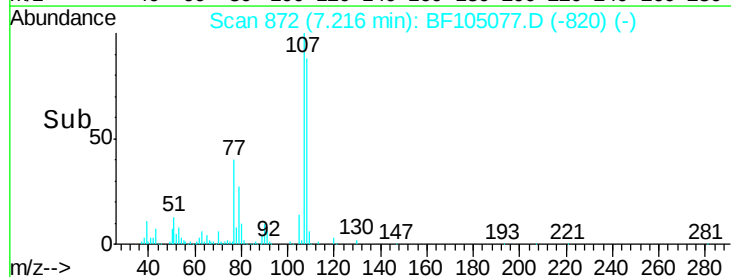
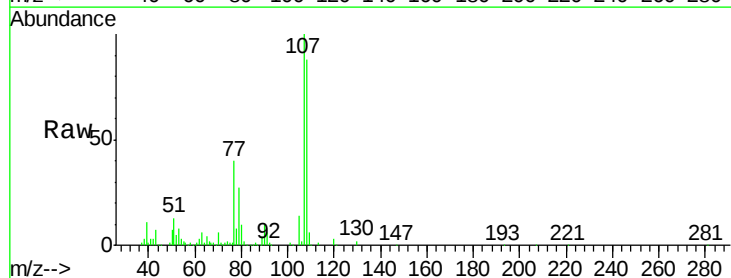
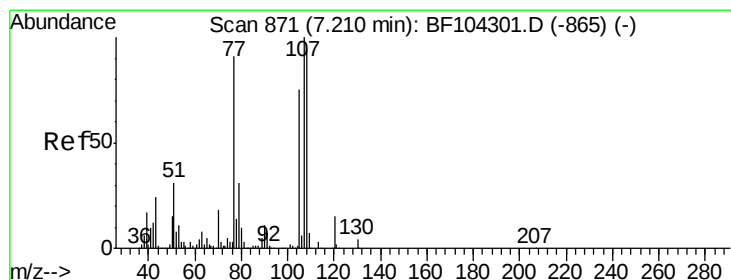
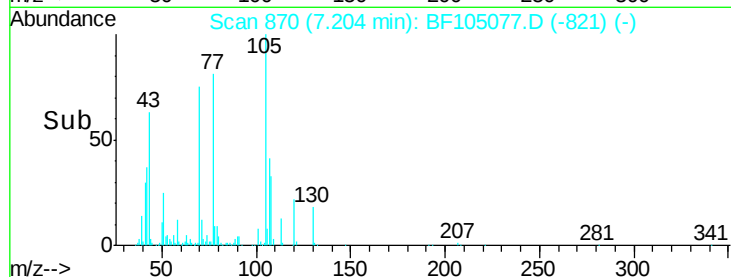
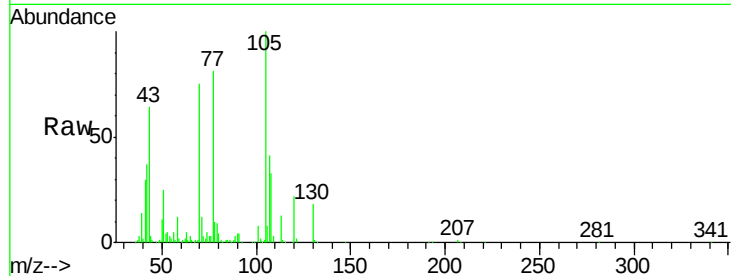
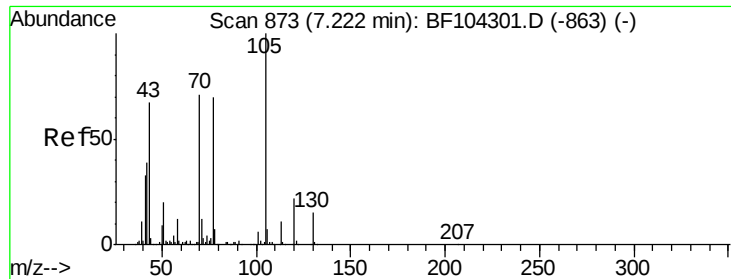
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#18
Hexachloroethane
Concen: 46.818 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

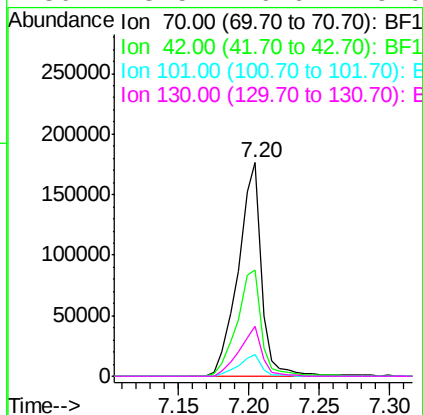
Tgt Ion:	117	Resp:	118696
Ion Ratio	Lower	Upper	
117	100		
119	93.7	75.8	113.8
201	85.0	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 42.265 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	49.9		47.5	71.3	
101	10.3		7.4	11.2	
130	23.5		16.6	25.0	



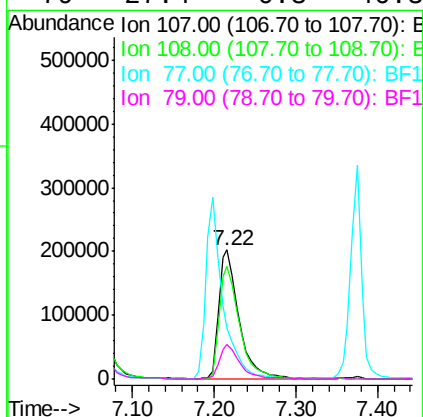
Instrument :
BNA_F
ClientSampleId :
PB108756BSD

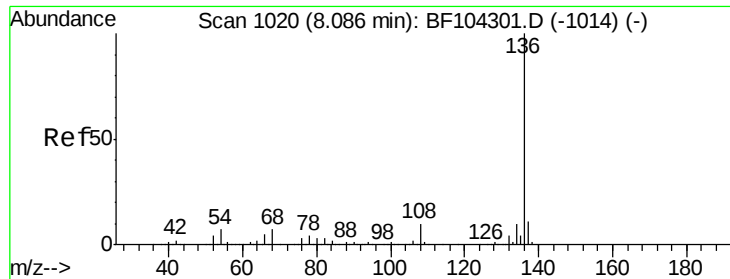
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#20
3+4-Methylphenols
Concen: 50.832 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.9		68.2	108.2	
77	40.3		26.7	66.7	
79	27.4		6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

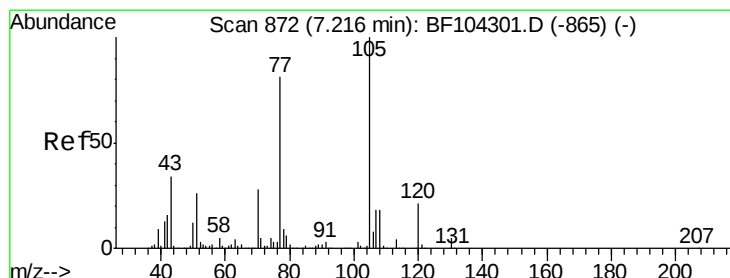
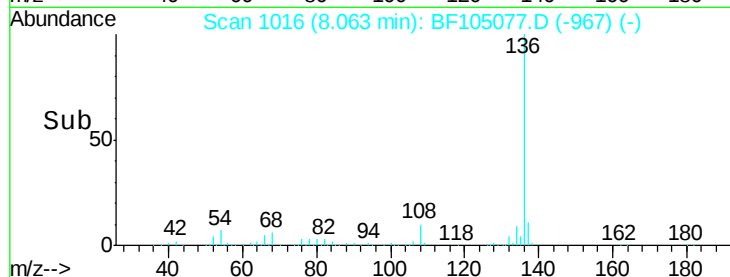
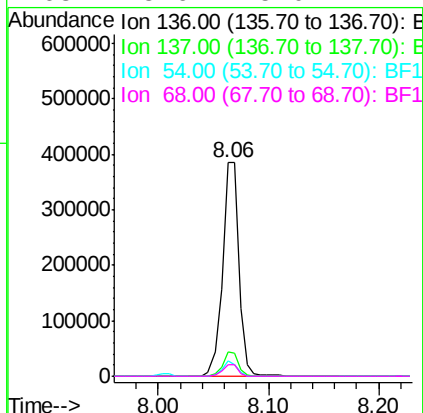
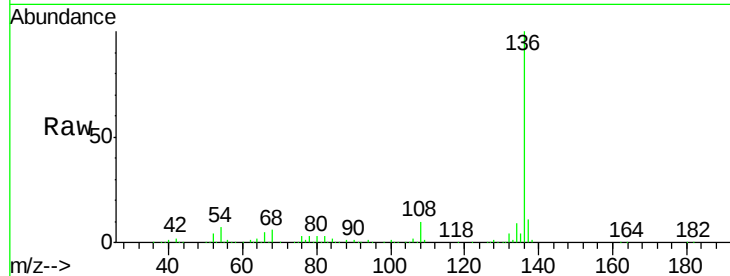
ClientSampleId :

PB108756BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		402132		
137	11.5		8.9	13.3	
54	7.0		6.6	9.8	
68	5.6		5.0	7.4	

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#22

Acetophenone

Concen: 43.277 ng

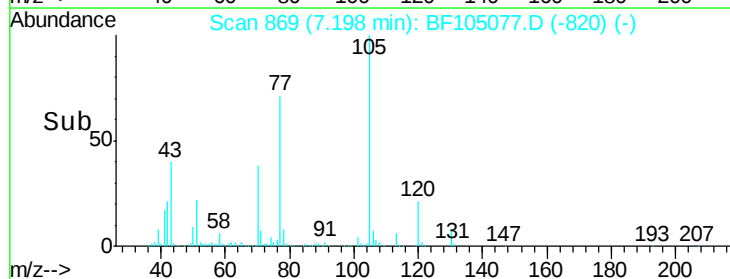
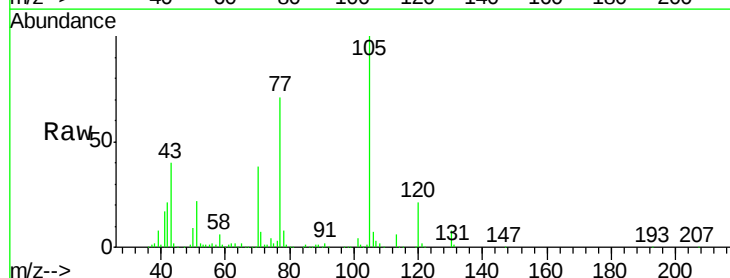
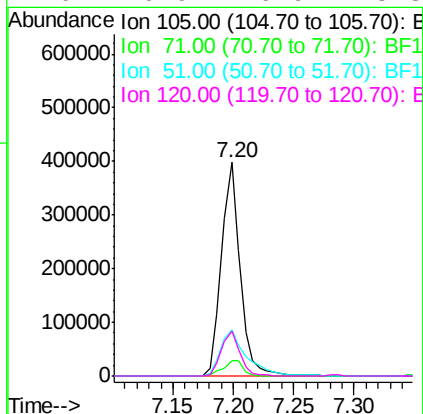
RT: 7.20 min Scan# 869

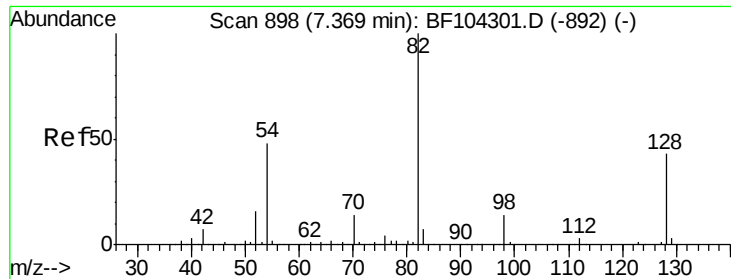
Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		428450		
71	6.9		4.4	6.6#	
51	21.5		22.3	33.5#	
120	20.9		16.9	25.3	





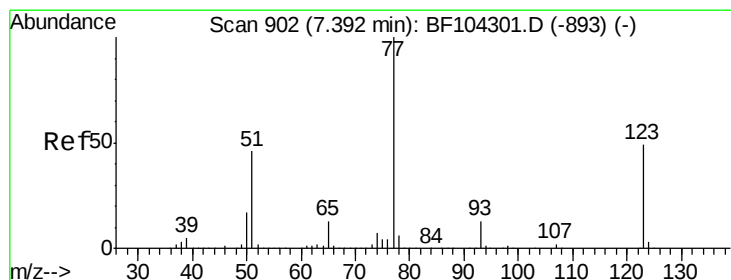
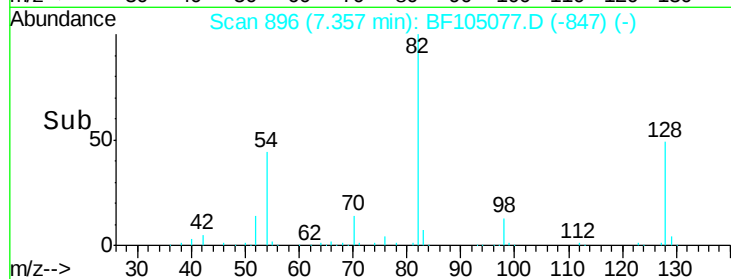
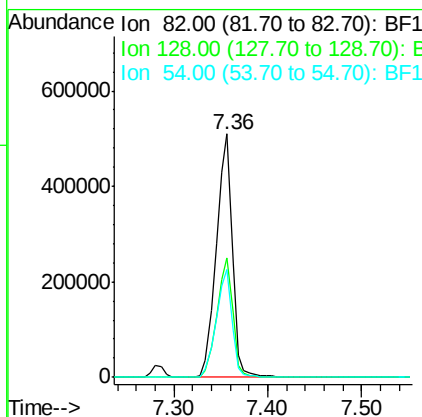
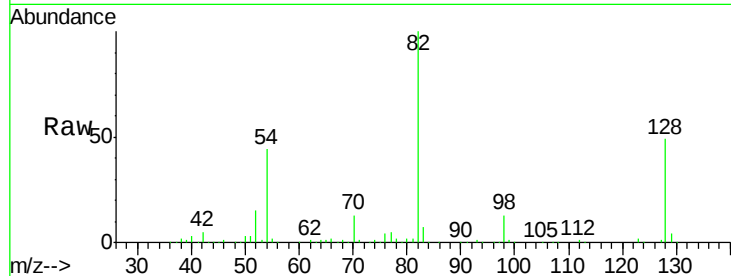
#23
 Nitrobenzene-d5
 Concen: 99.577 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	613235		
128	49.2	36.1	54.1	
54	44.4	41.4	62.2	

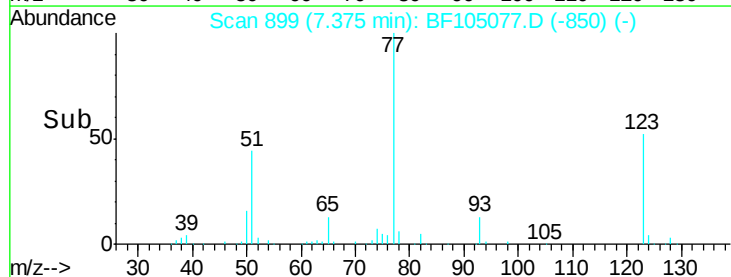
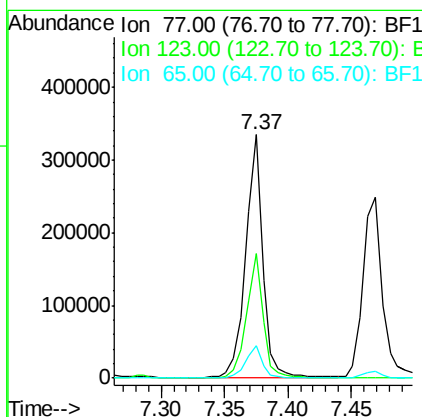
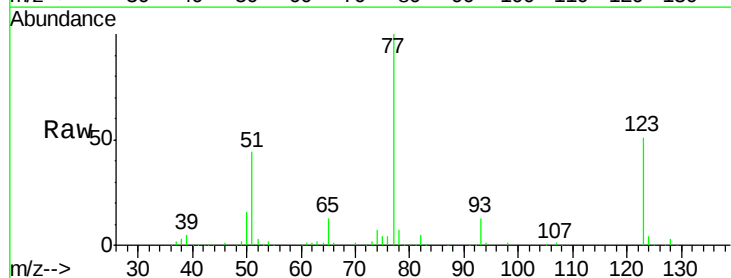
Manual Integrations
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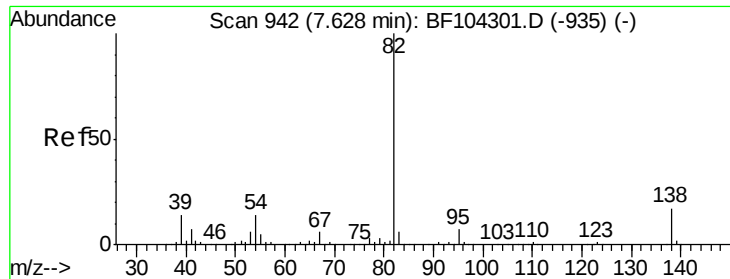
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#24
 Nitrobenzene
 Concen: 45.861 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	311822		
123	50.9	37.9	56.9	
65	13.1	11.0	16.4	





#25

Isophorone

Concen: 44.516 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

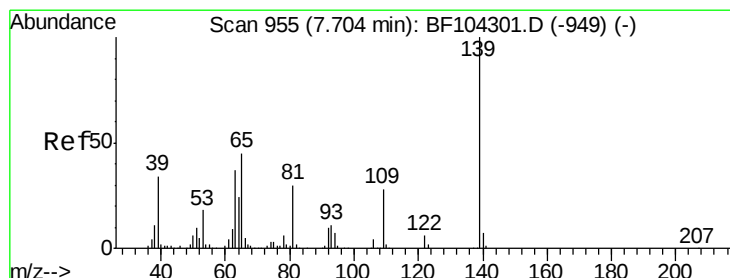
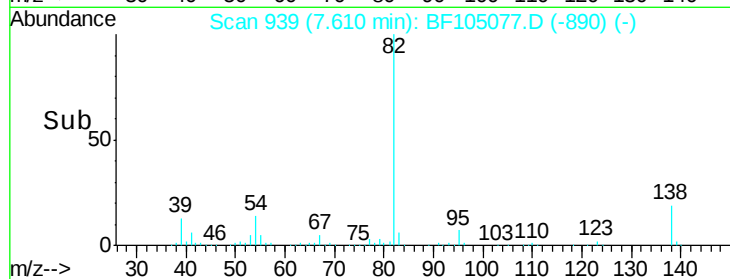
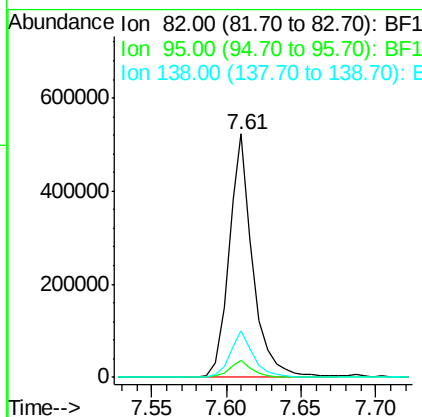
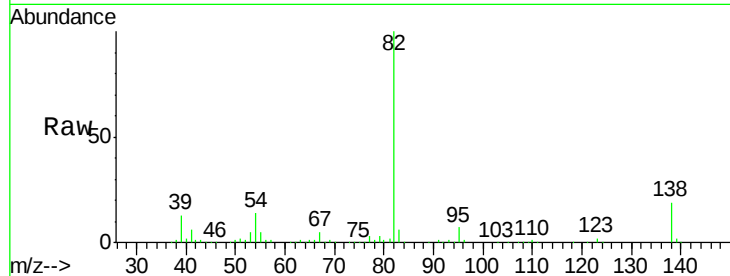
ClientSampleId :

PB108756BSD

Tot Ion:	82	Resp:	579719
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	19.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 64.062 ng

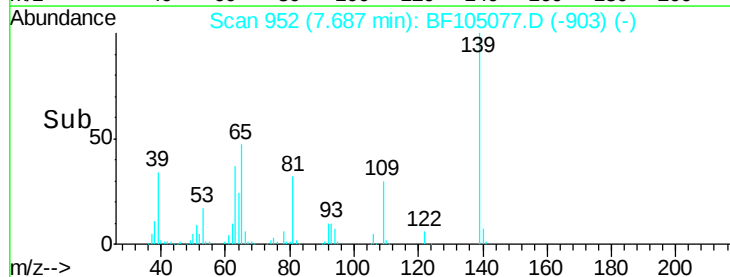
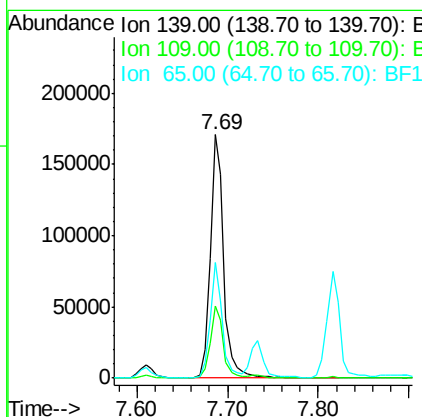
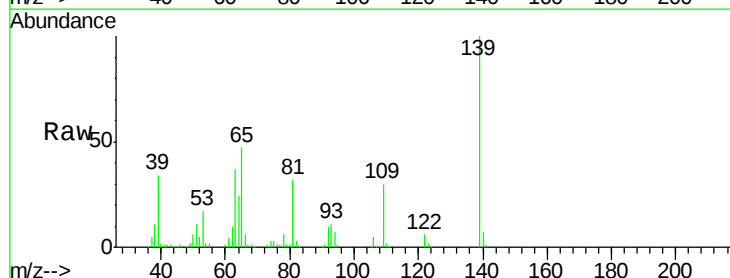
RT: 7.69 min Scan# 952

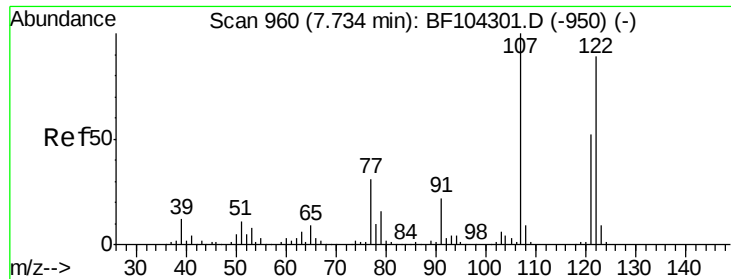
Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Tgt Ion:	139	Resp:	177324
Ion Ratio	Lower	Upper	
139	100		
109	29.7	22.7	34.1
65	47.4	40.5	60.7





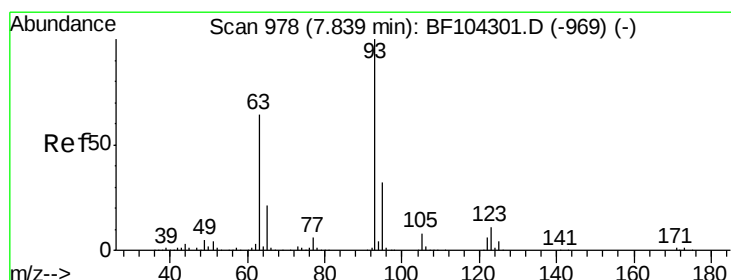
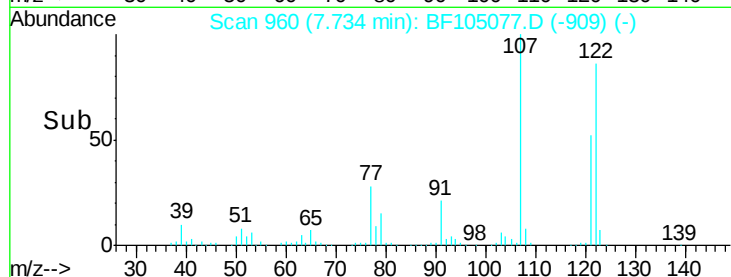
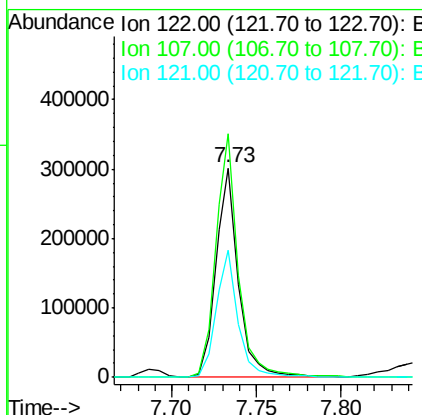
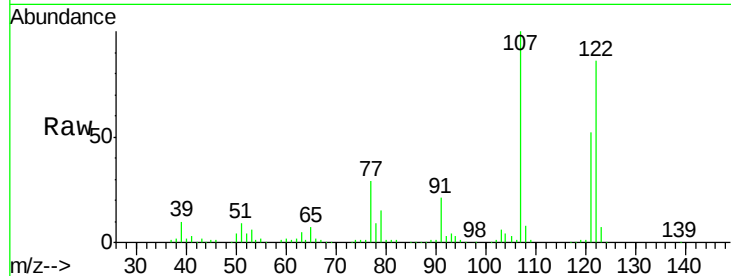
#27
2,4-Dimethylphenol
Concen: 48.811 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	280534		
107	116.2		91.2	136.8
121	60.6		47.2	70.8

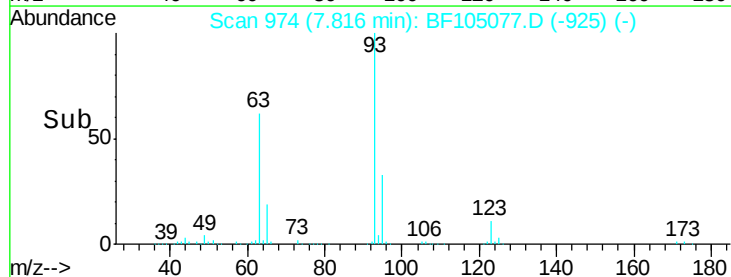
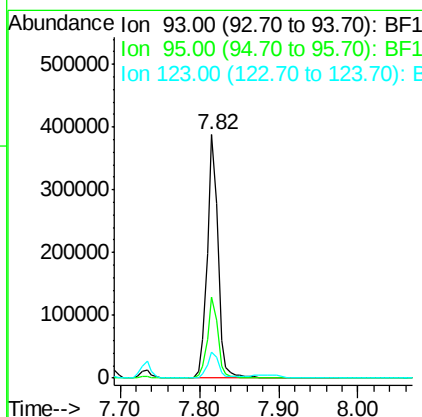
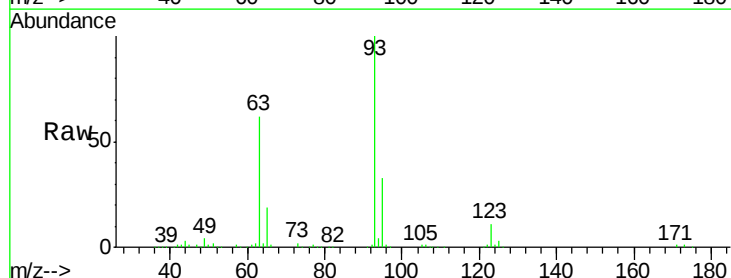
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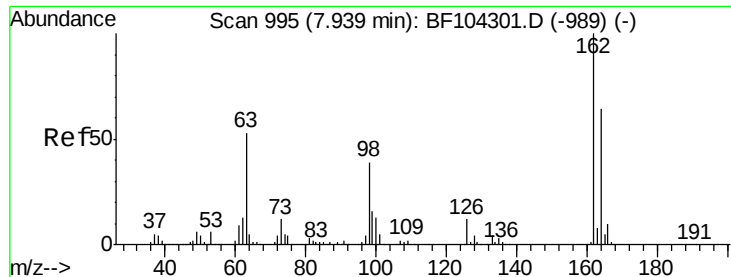
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#28
bis(2-Chloroethoxy)methane
Concen: 46.692 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	371774		
95	33.1		26.3	39.5
123	10.8		9.8	14.6





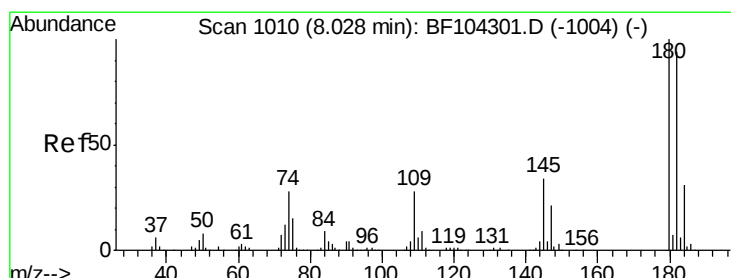
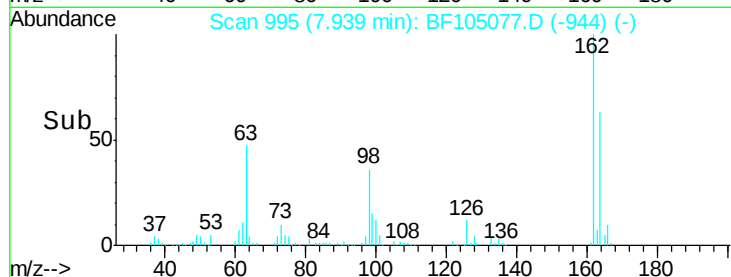
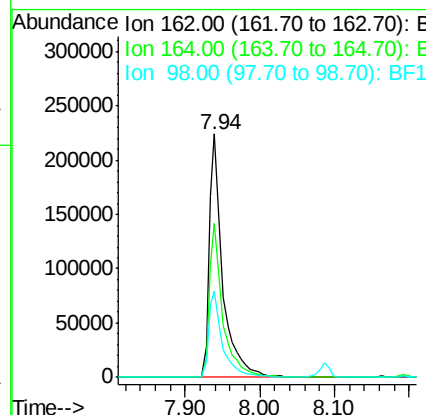
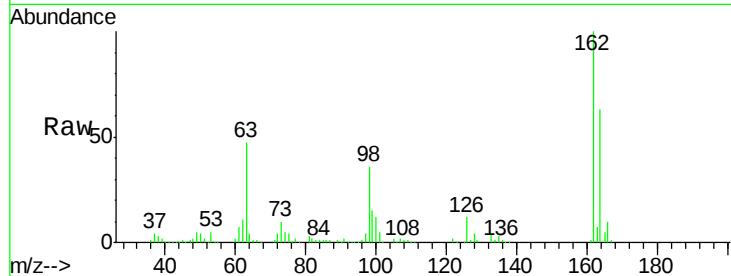
#29
2,4-Dichlorophenol
Concen: 51.315 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion:	162	Resp:	281405
Ion Ratio		Lower	Upper
162	100		
164	63.3	42.7	82.7
98	35.5	18.1	58.1

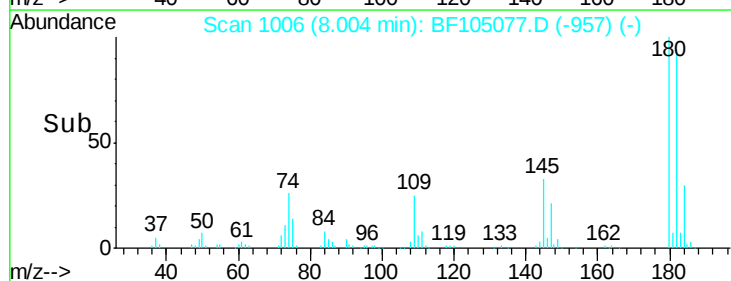
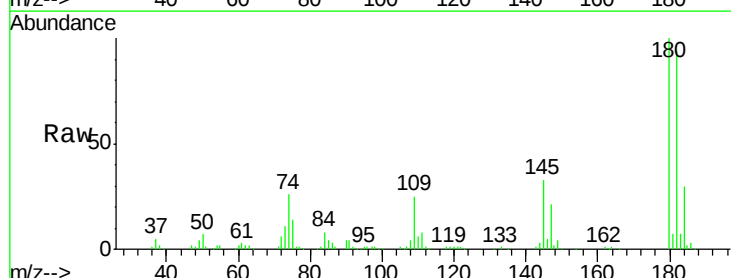
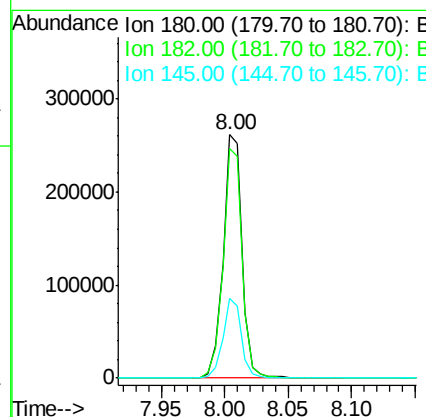
Manual Integrations
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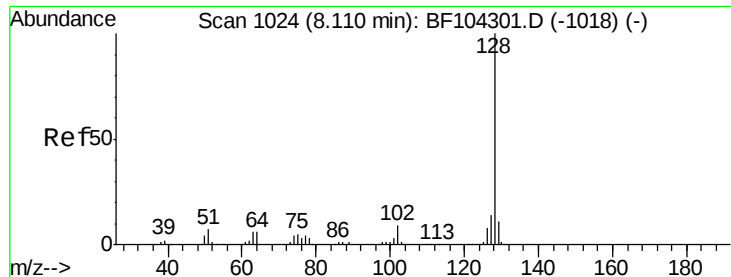
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 45.233 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion:	180	Resp:	272224
Ion Ratio		Lower	Upper
180	100		
182	94.3	76.8	115.2
145	32.8	26.5	39.7





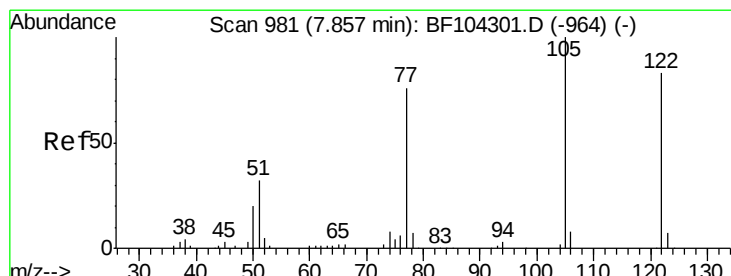
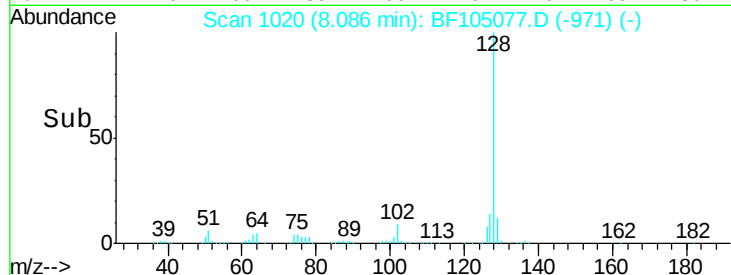
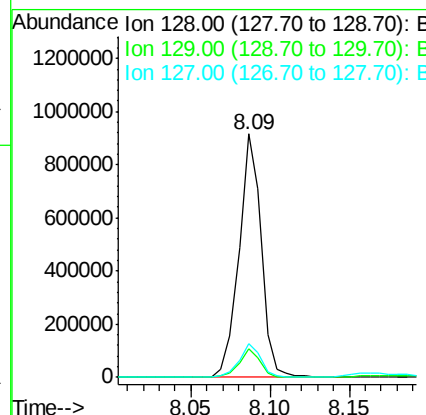
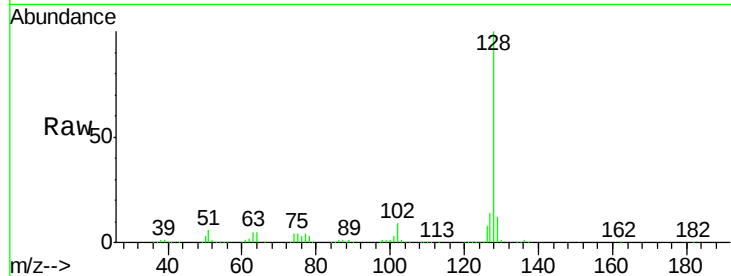
#31
Naphthalene
Concen: 44.735 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	895769		
129	11.6		8.8	13.2
127	13.8		10.9	16.3

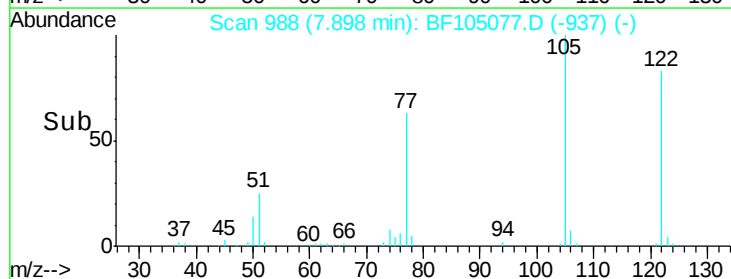
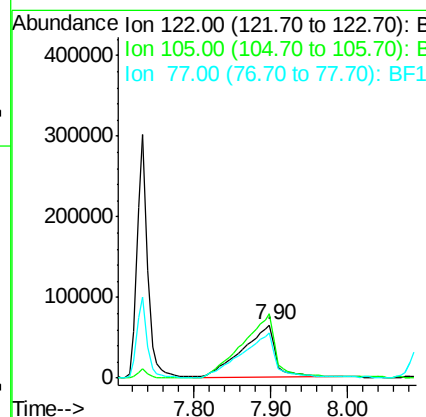
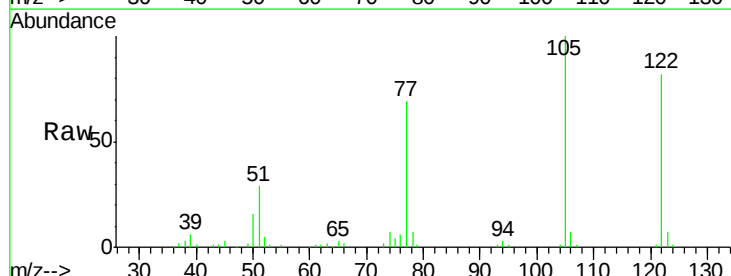
Manual Integrations
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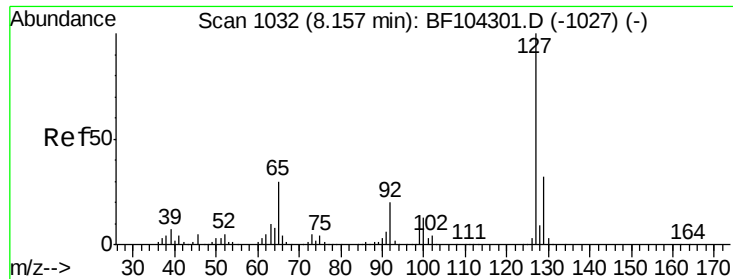
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#32
Benzoic acid
Concen: 43.487 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	199420		
105	121.3		101.1	141.1
77	83.9		70.7	110.7





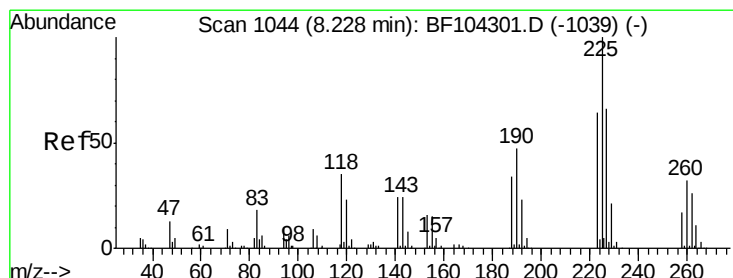
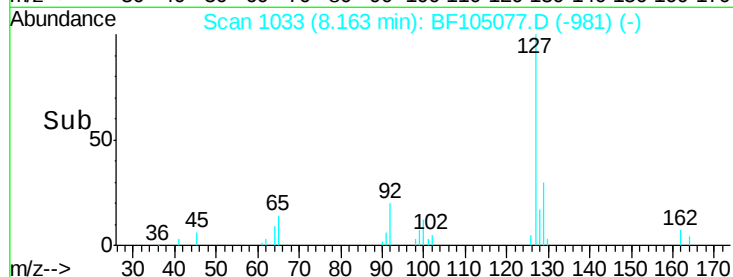
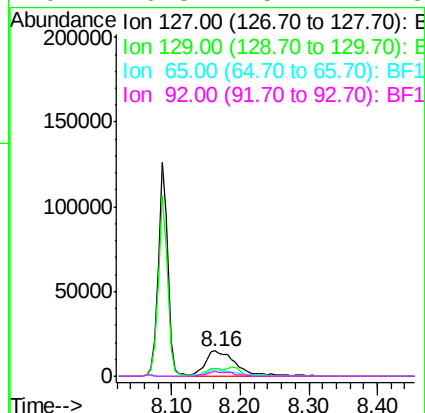
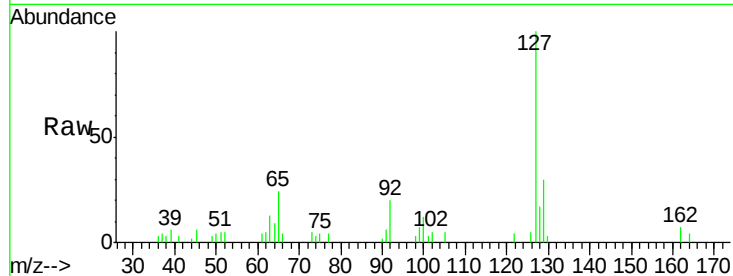
#33
4-Chloroaniline
Concen: 5.606 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.3		25.9	38.9	
65	24.2		25.0	37.4	
92	20.5		15.2	22.8	

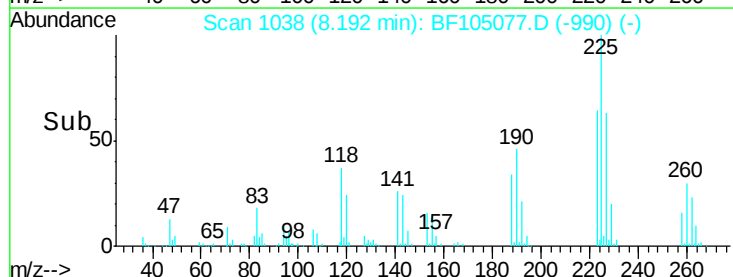
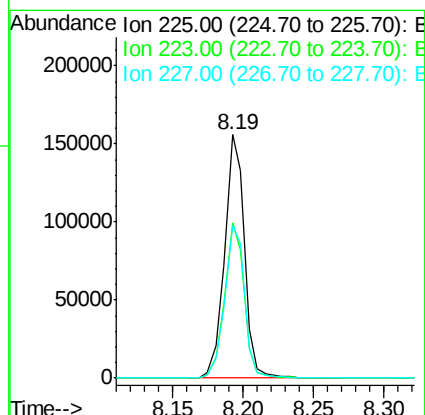
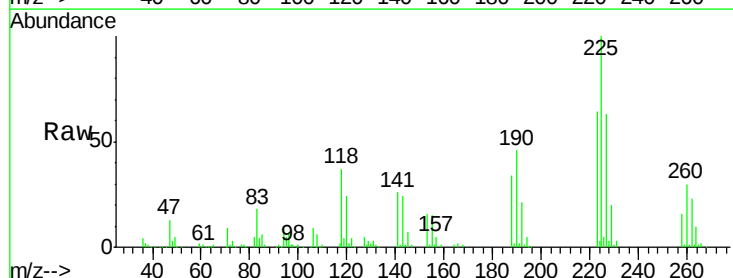
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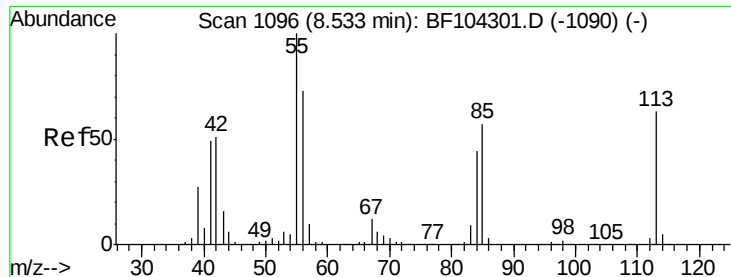
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#34
Hexachlorobutadiene
Concen: 46.091 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6		50.6	76.0	
227	62.9		51.9	77.9	





#35

Caprolactam

Concen: 45.488 ng/ml

RT: 8.53 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

Tot Ion:113 Resp: 87021

Ion Ratio Lower Upper

113 100

55 144.1 163.3 203.3#

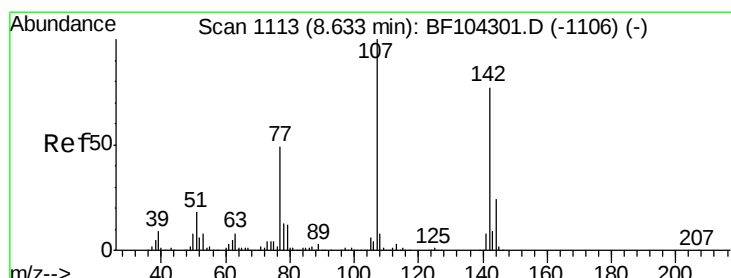
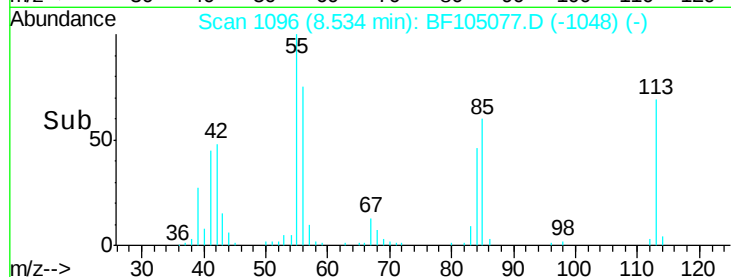
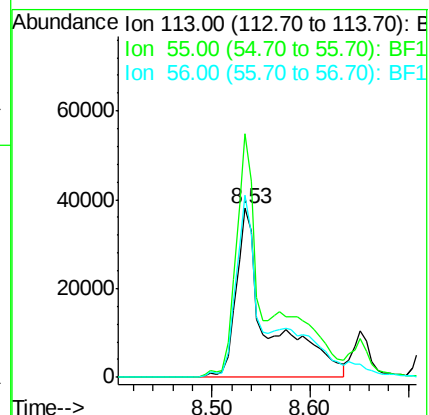
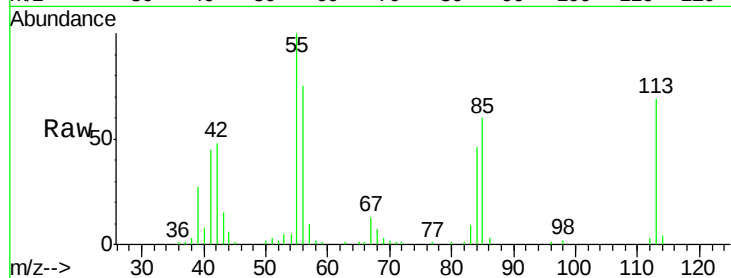
56 107.6 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 50.682 ng/ml

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

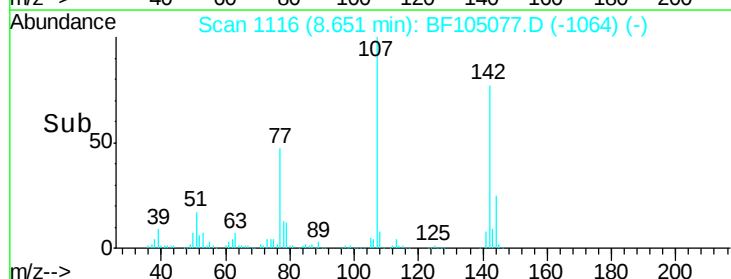
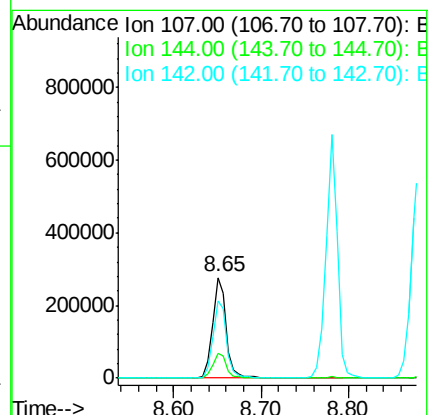
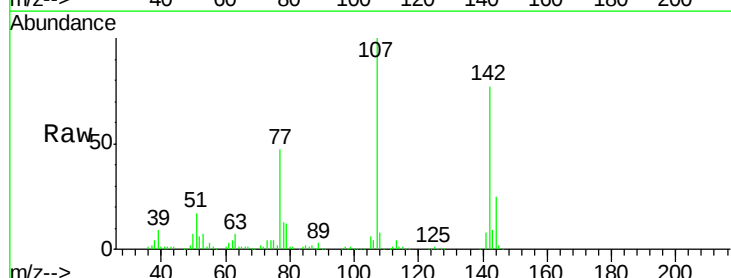
Tgt Ion:107 Resp: 298018

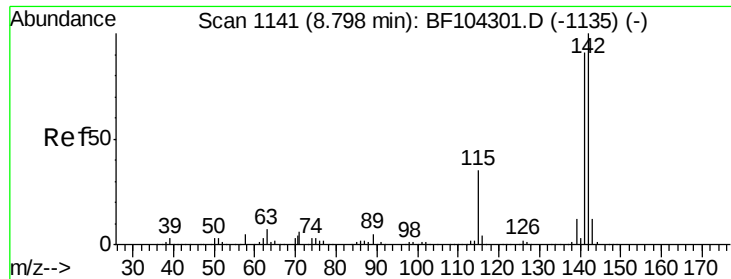
Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

142 76.9 62.0 93.0





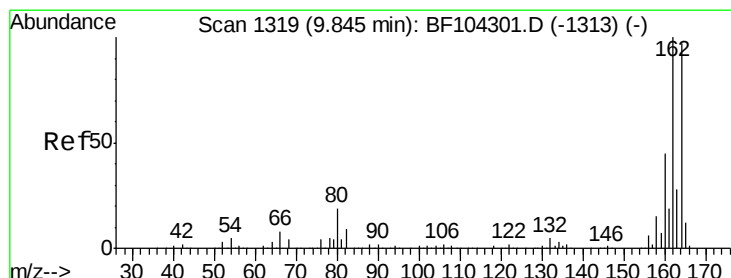
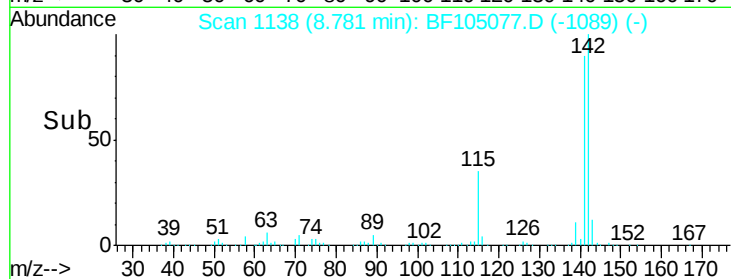
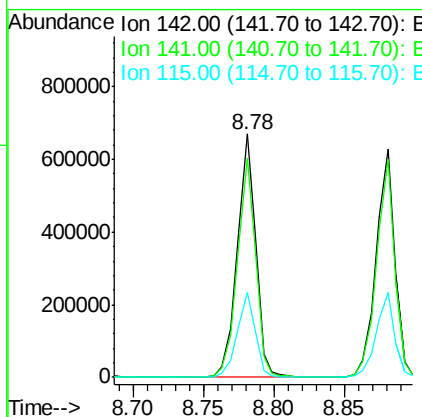
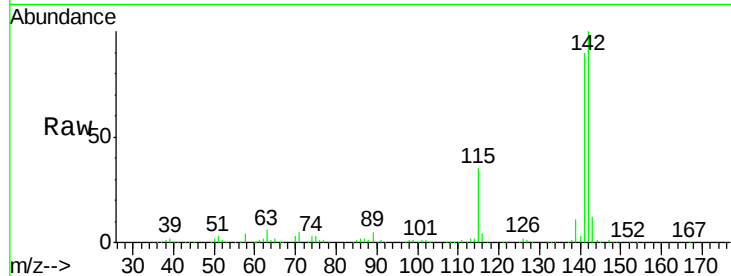
#37
2-Methylnaphthalene
Concen: 46.987 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	608605		
141	89.8		70.8	106.2
115	35.0		26.1	39.1

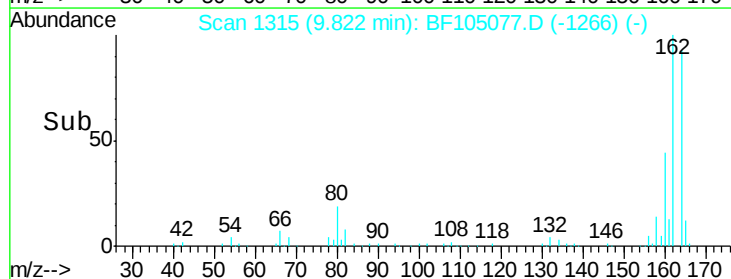
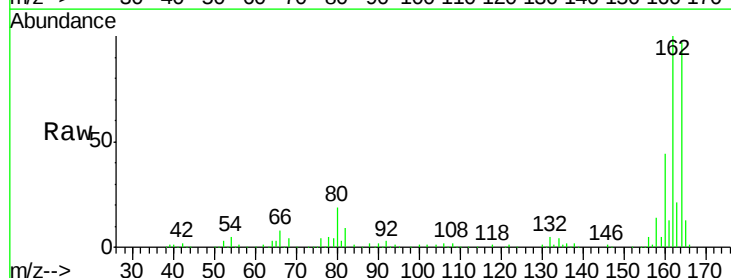
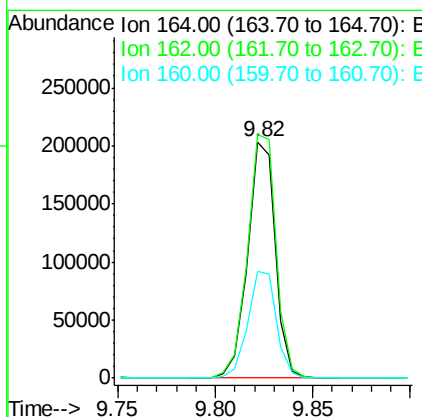
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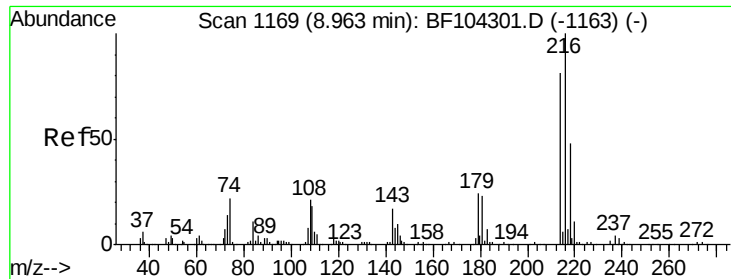
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	199386		
162	103.0		86.1	129.1
160	45.2		38.3	57.5





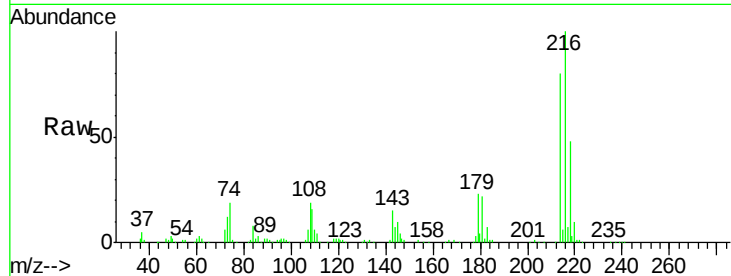
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.021 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

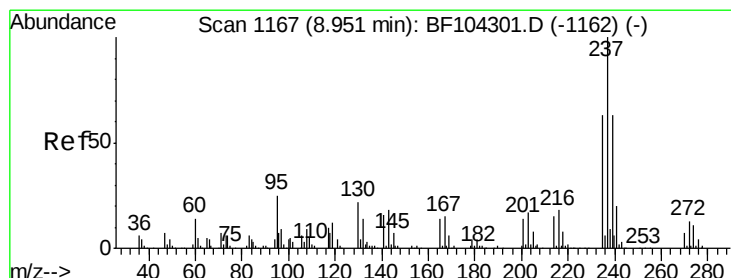
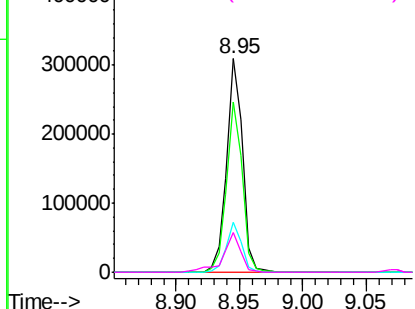
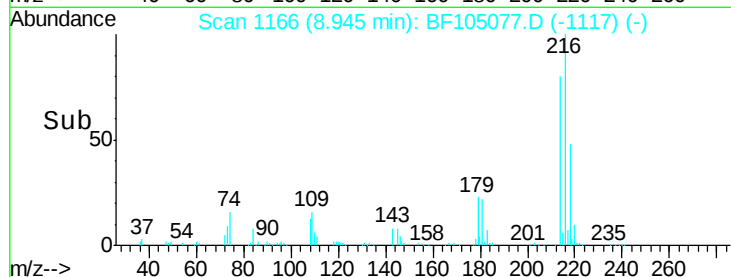
Tot Ion	Ratio	Resp	Lower	Upper
216	100	268377		
214	79.0	63.0	94.4	
179	22.5	18.1	27.1	
108	20.8	17.2	25.8	

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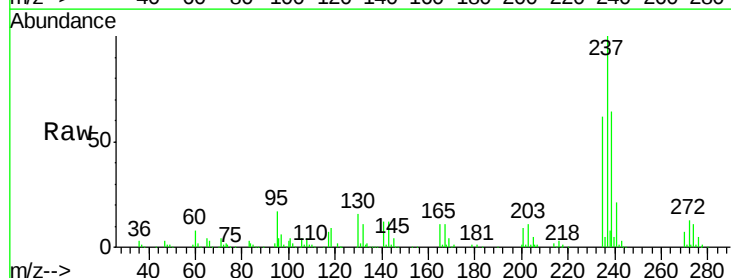


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

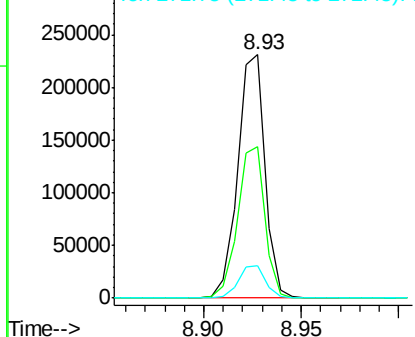
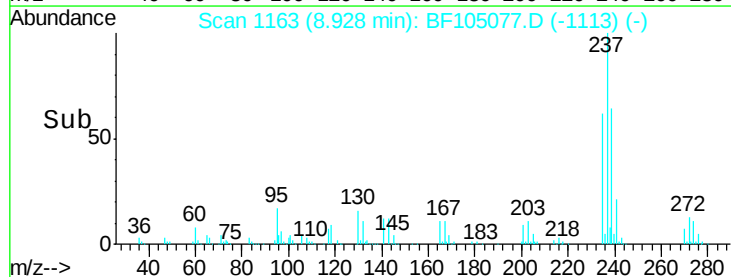


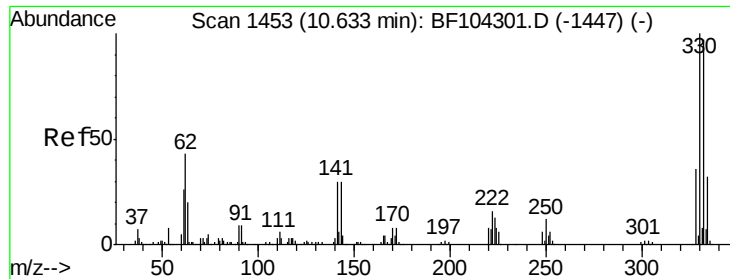
#40
 Hexachlorocyclopentadiene
 Concen: 69.908 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	223376		
235	62.2	44.8	84.8	
272	13.4	0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 146.738 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

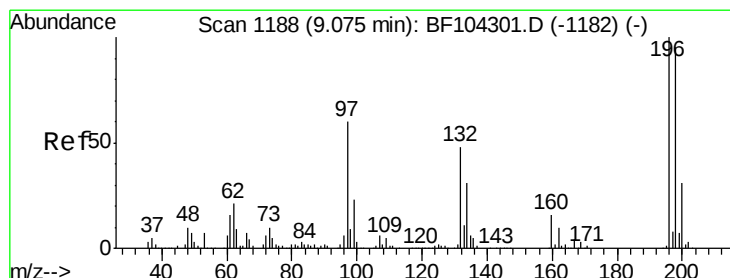
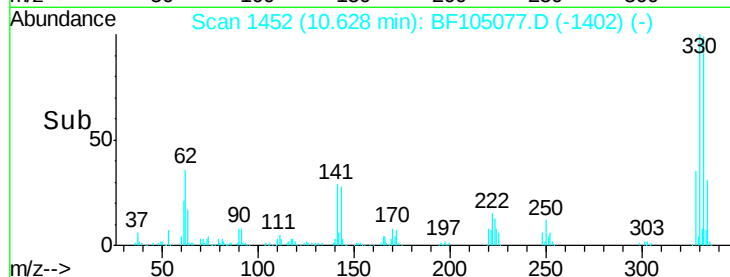
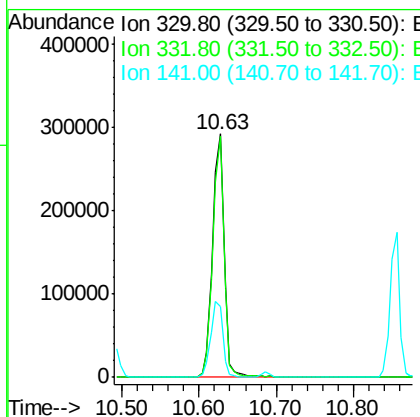
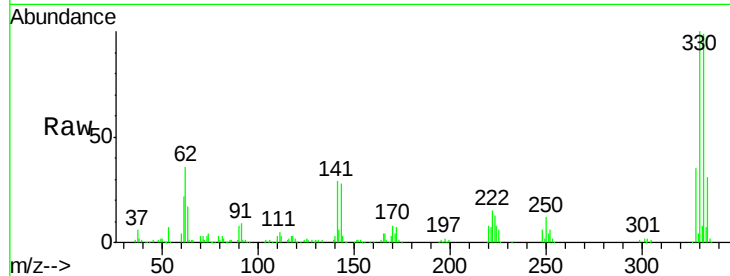
ClientSampleId :

PB108756BSD

Tot Ion:	330	Resp:	303495
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.0	115.6
141	32.4	29.9	44.9

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 48.057 ng

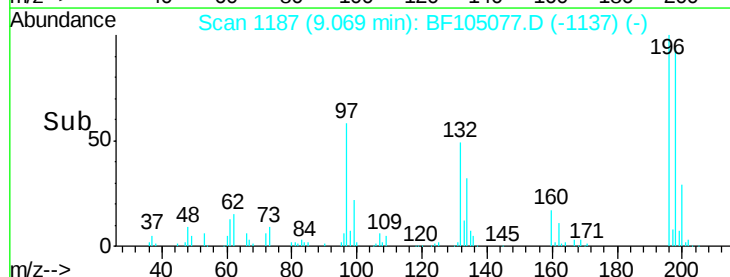
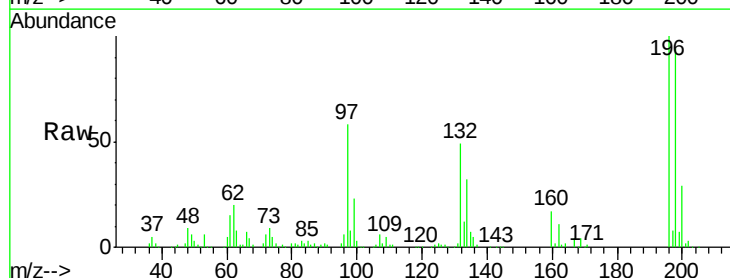
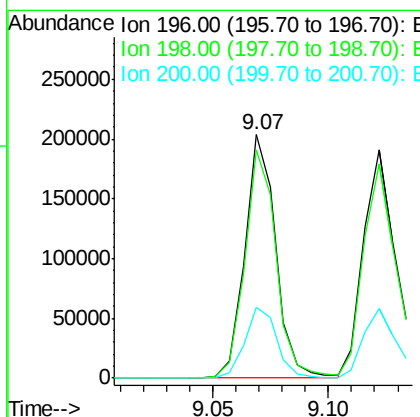
RT: 9.07 min Scan# 1187

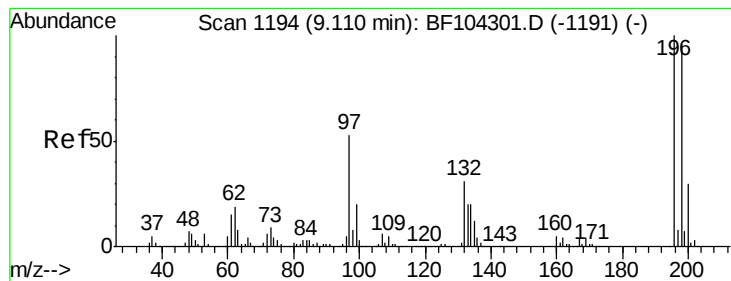
Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Tgt Ion:	196	Resp:	190407
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.7	113.5
200	29.3	24.5	36.7





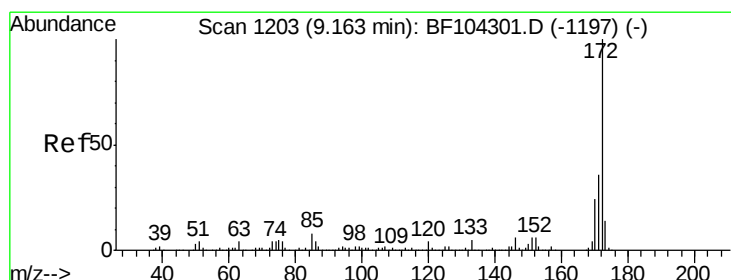
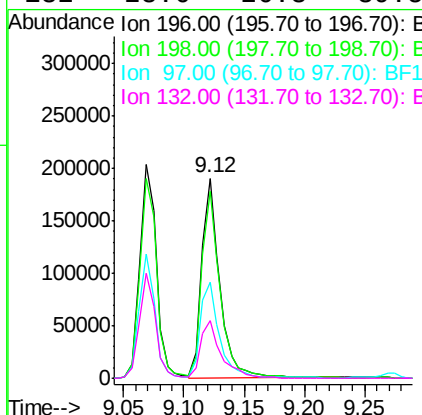
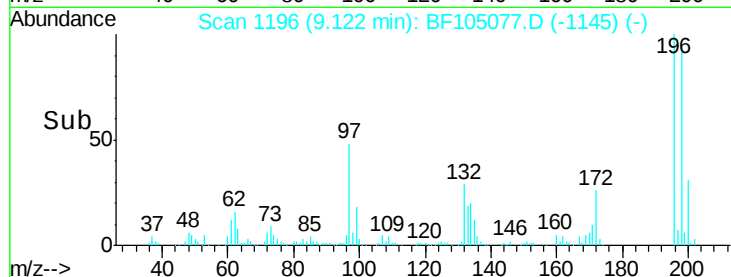
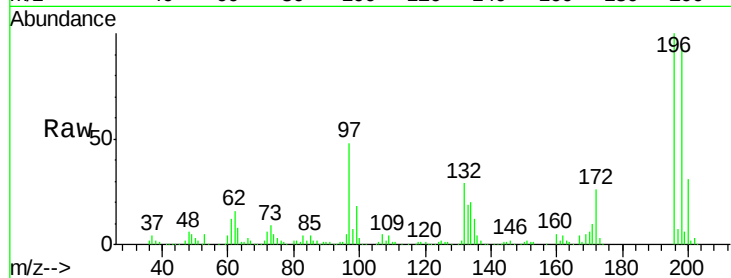
#43
 2,4,5-Trichlorophenol
 Concen: 44.725 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	198298		
198	93.6		74.6	112.0
97	48.1		42.9	64.3
132	28.6		26.3	39.5

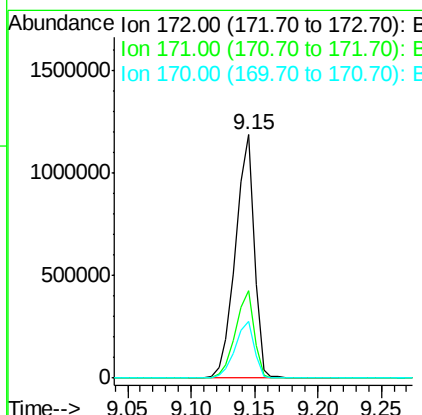
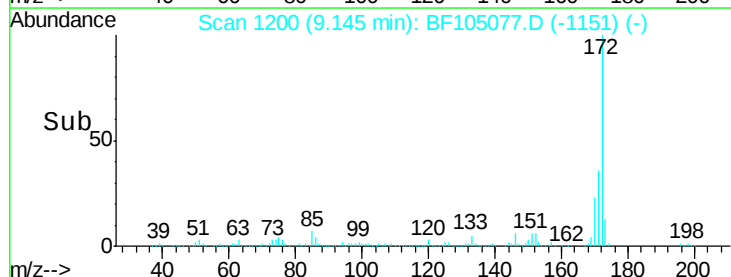
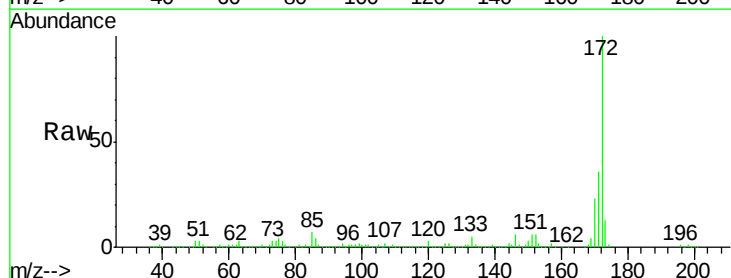
Manual Integrations
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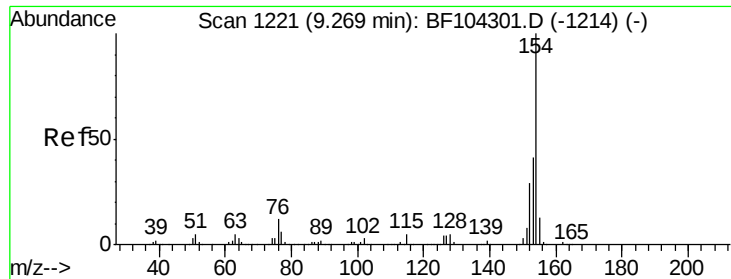
Sohil
 5/4/2018 10:51:34 AM



#44
 2-Fluorobiphenyl
 Concen: 95.735 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1208301		
171	36.0		29.7	44.5
170	23.5		19.6	29.4





#45

1,1'-Biphenyl

Concen: 44.284 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

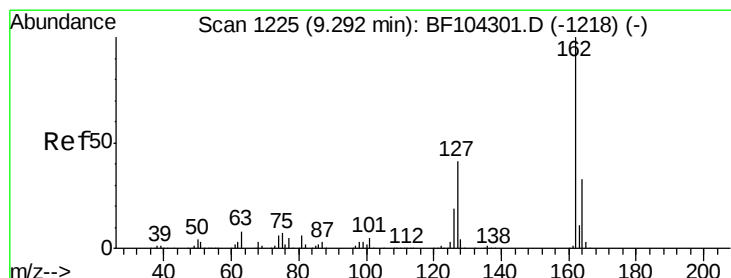
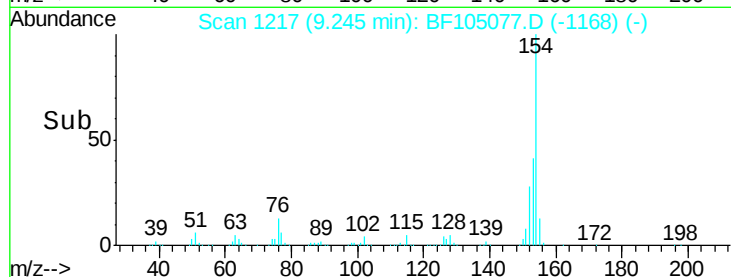
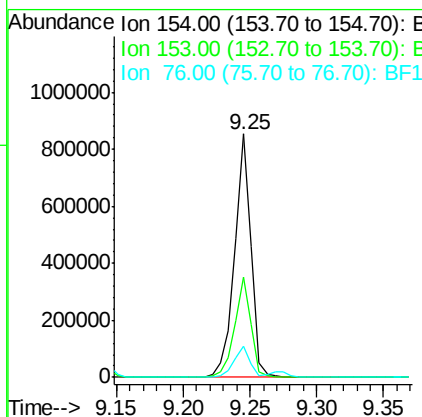
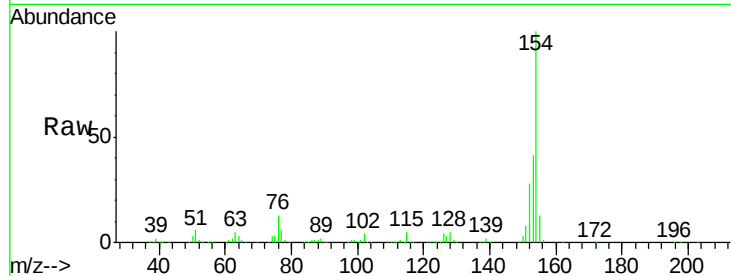
ClientSampleId :

PB108756BSD

Tot Ion:	154	Resp:	741750
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.3	61.3
76	12.8	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 44.472 ng

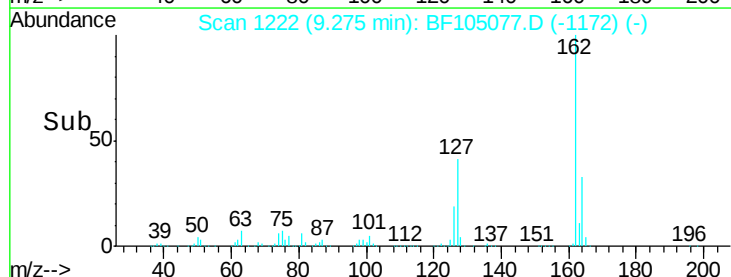
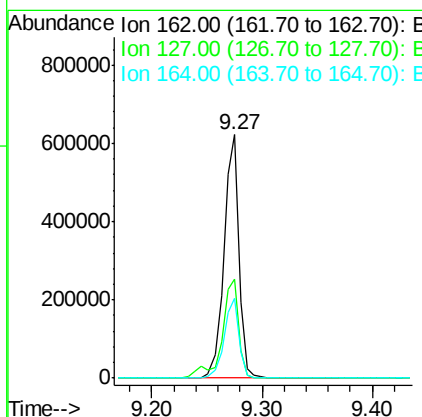
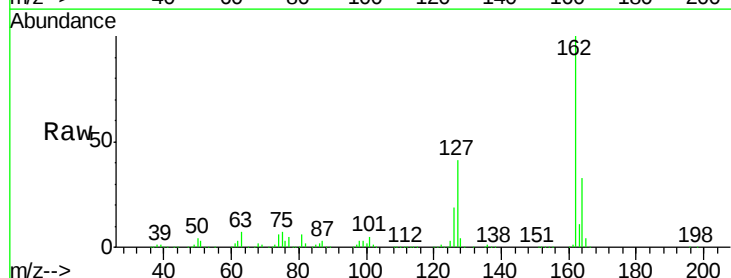
RT: 9.27 min Scan# 1222

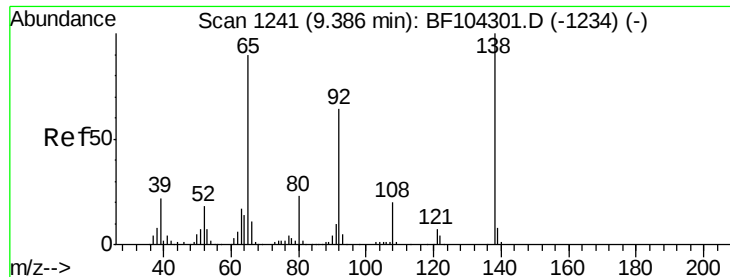
Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Tgt Ion:	162	Resp:	588372
Ion Ratio	Lower	Upper	
162	100		
127	40.9	33.9	50.9
164	32.9	26.5	39.7





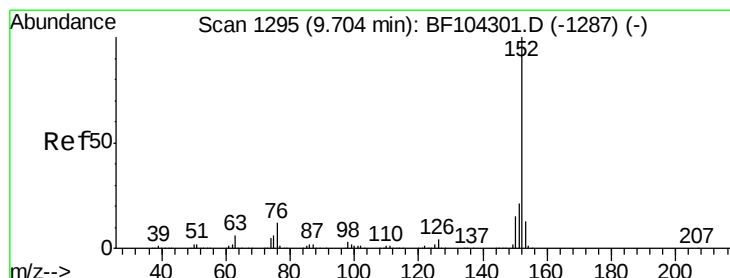
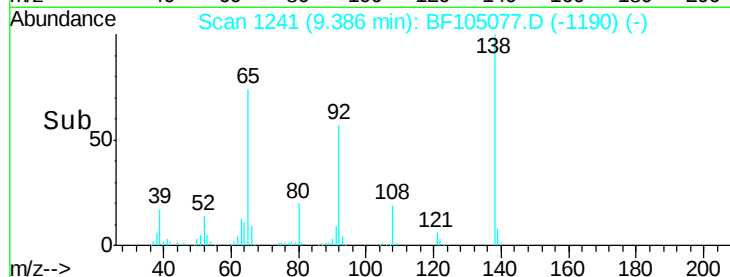
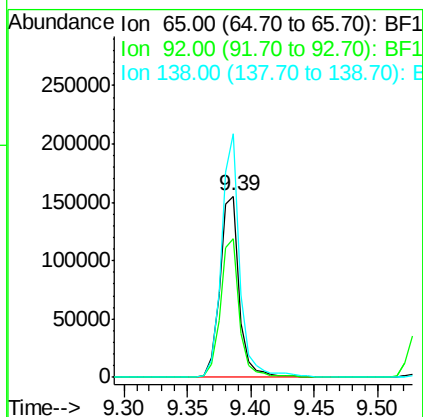
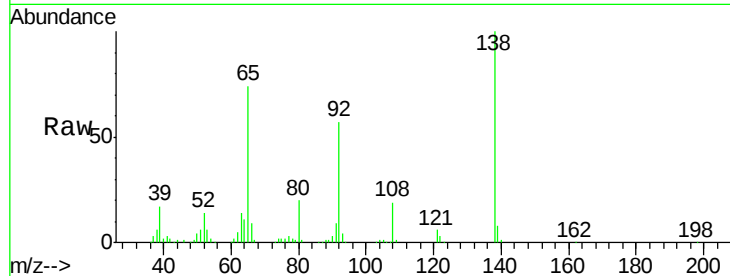
#47
2-Nitroaniline
Concen: 51.029 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	166957		
92	76.7	55.8	83.6	
138	134.5	91.2	136.8	

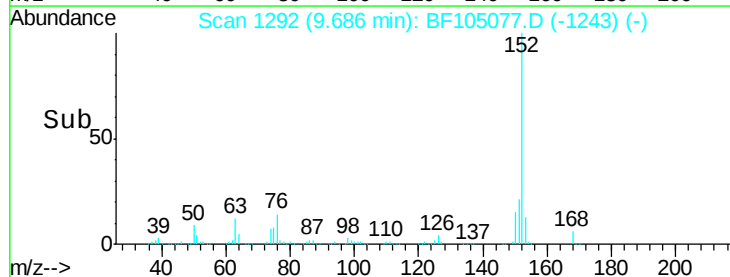
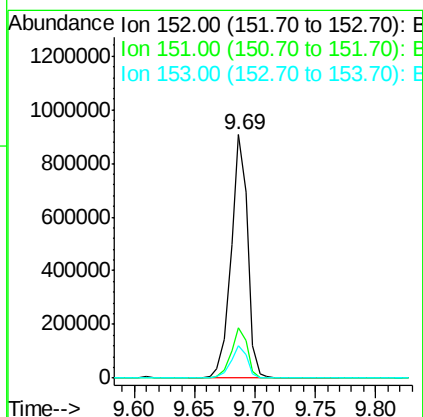
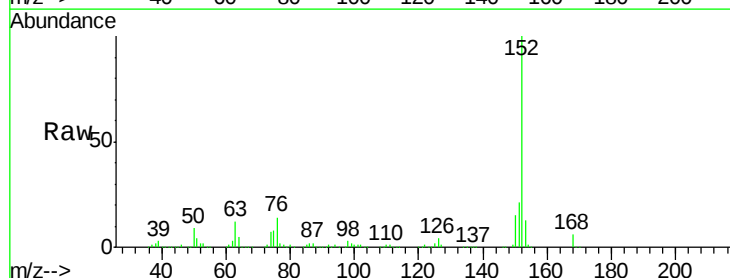
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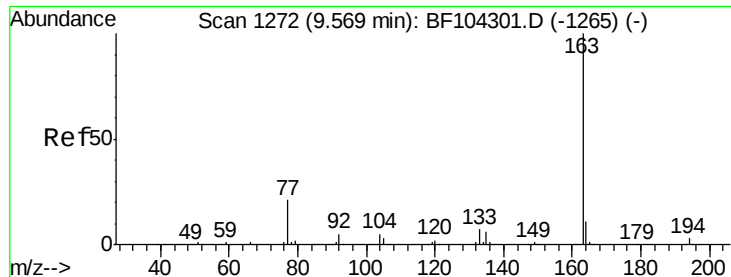
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#48
Acenaphthylene
Concen: 41.503 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	861518		
151	20.7	16.3	24.5	
153	13.3	10.7	16.1	





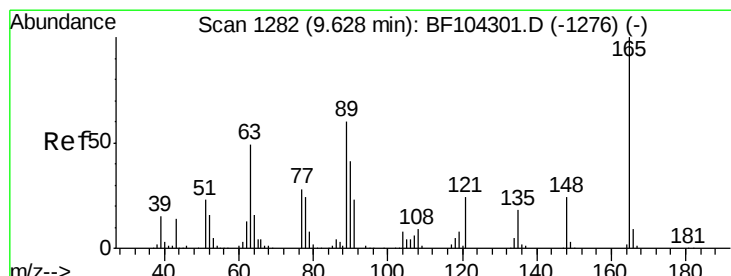
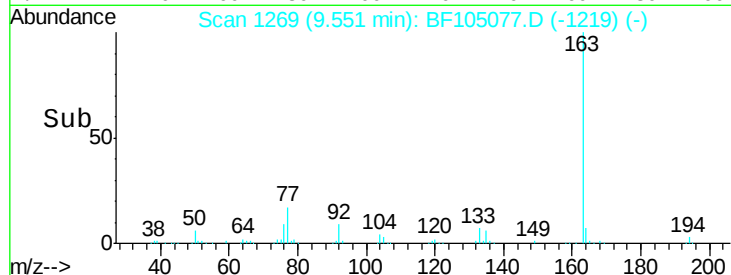
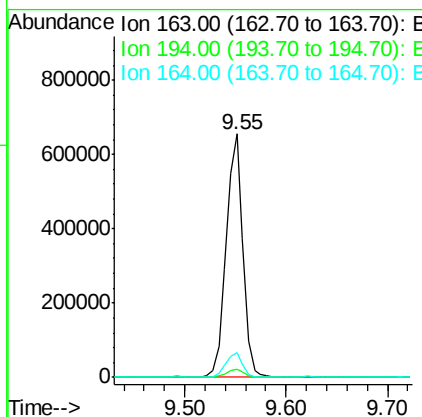
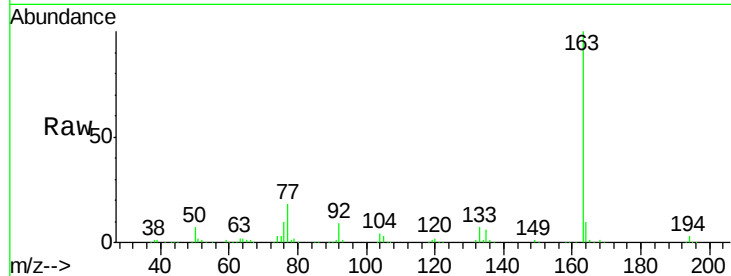
#49
Dimethylphthalate
Concen: 47.455 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	746140		
194	3.5		2.7	4.1
164	10.3		8.2	12.2

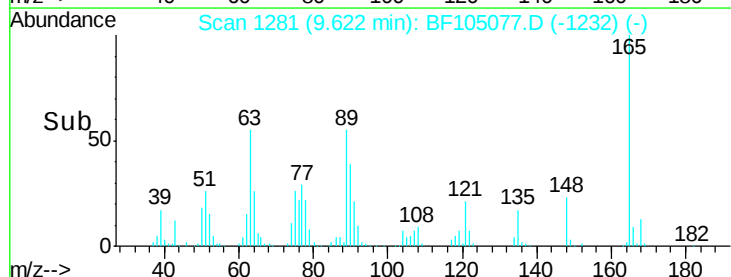
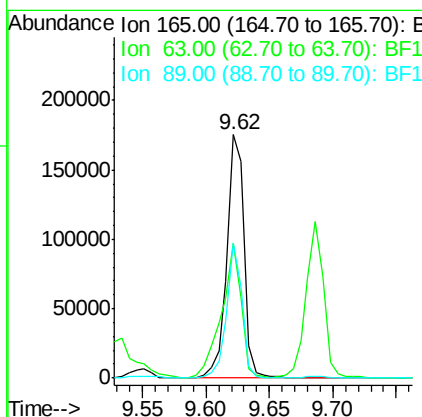
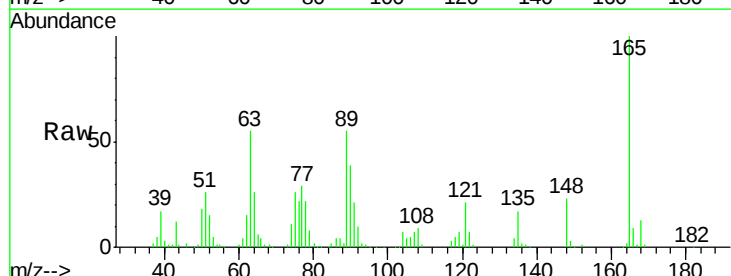
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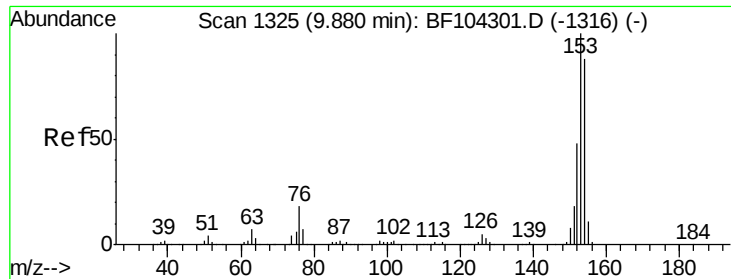
Sohil
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#50
2,6-Dinitrotoluene
Concen: 56.098 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	163212		
63	55.1		44.7	67.1
89	55.5		44.0	66.0





#51

Acenaphthene

Concen: 41.176 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

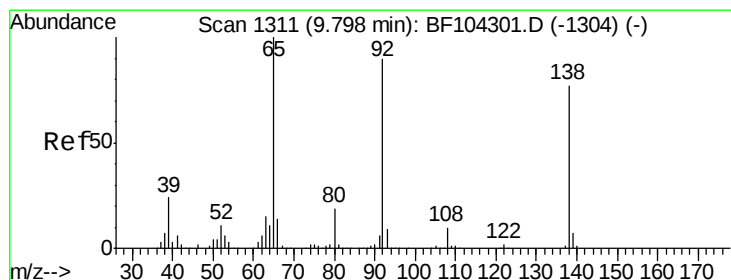
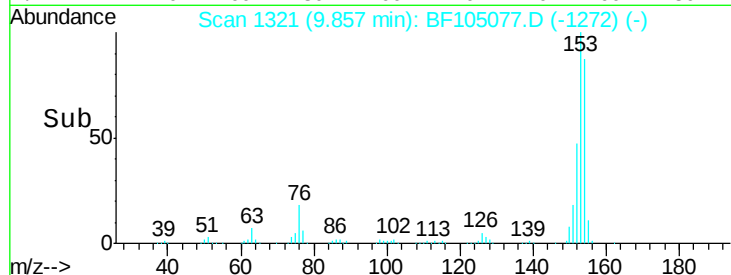
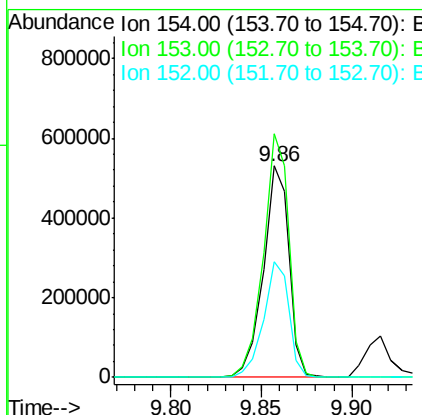
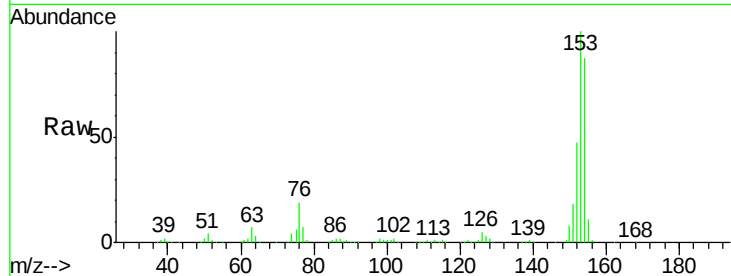
ClientSampleId :

PB108756BSD

Tot Ion:	154	Resp:	521495
Ion Ratio	Lower	Upper	
154	100		
153	115.3	91.2	136.8
152	54.6	43.8	65.8

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#52

3-Nitroaniline

Concen: 15.995 ng

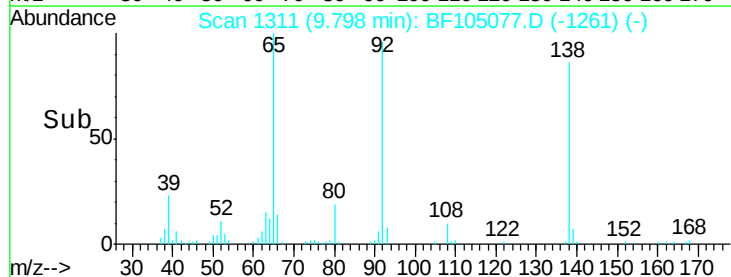
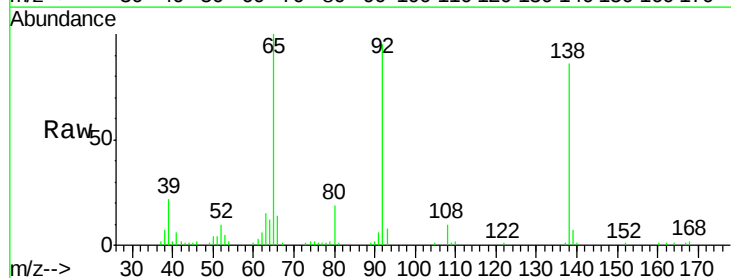
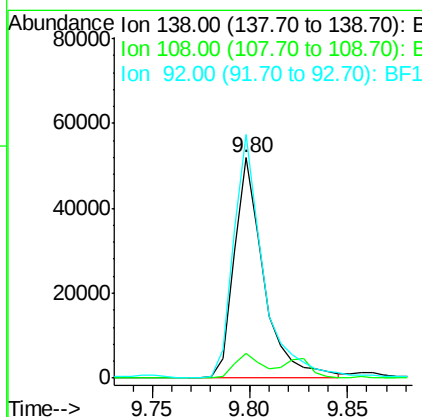
RT: 9.80 min Scan# 1311

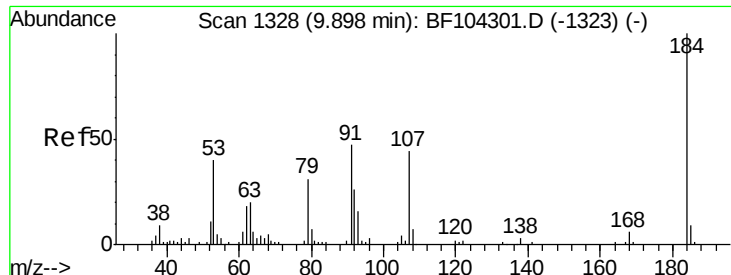
Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Tgt Ion:	138	Resp:	54478
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.4	14.0
92	110.5	89.4	134.2





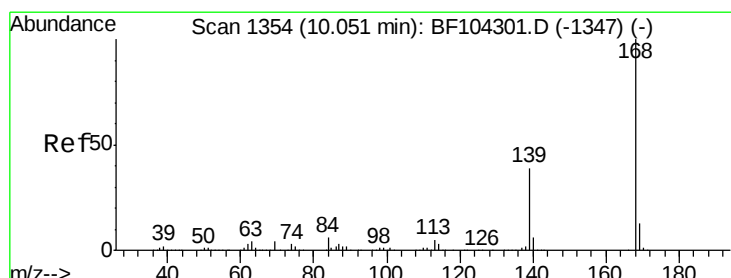
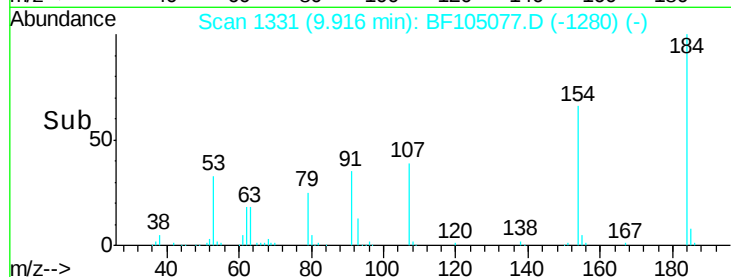
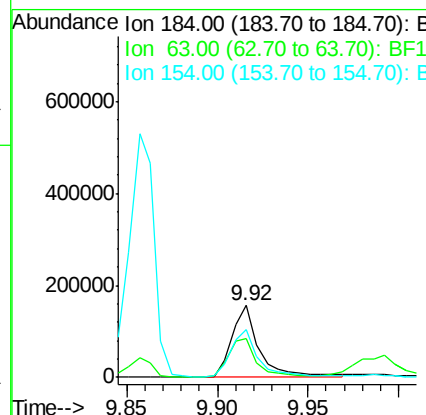
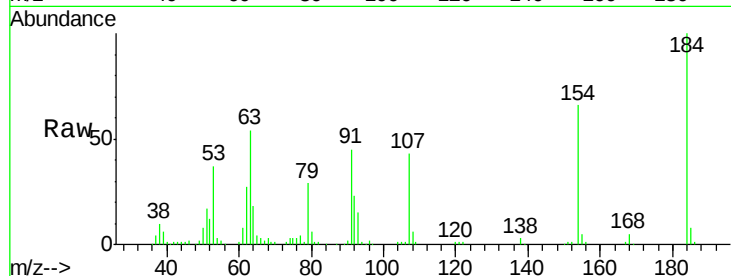
#53
 2,4-Dinitrophenol
 Concen: 114.802 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	166501		
63	54.1	54.2	81.2#	
154	66.4	184.0	276.0#	

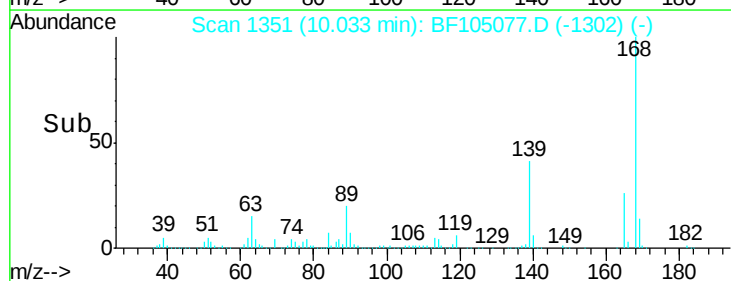
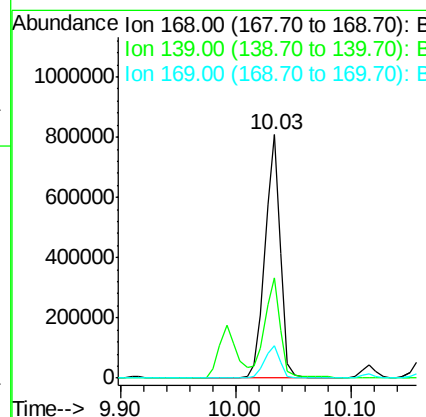
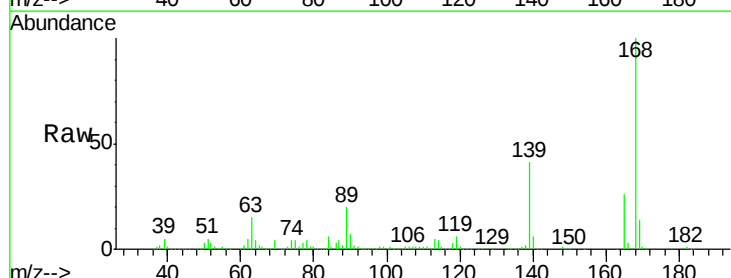
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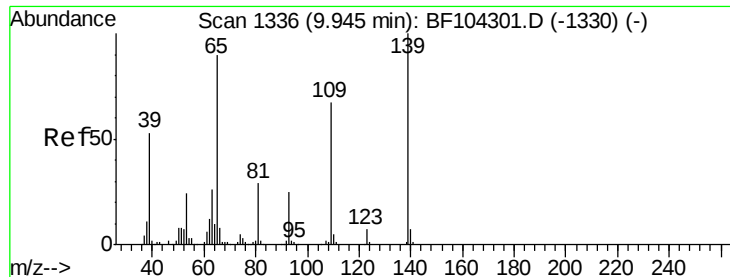
Sohil
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#54
 Dibenzofuran
 Concen: 42.684 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	753376		
139	41.2	30.1	45.1	
169	13.6	10.9	16.3	





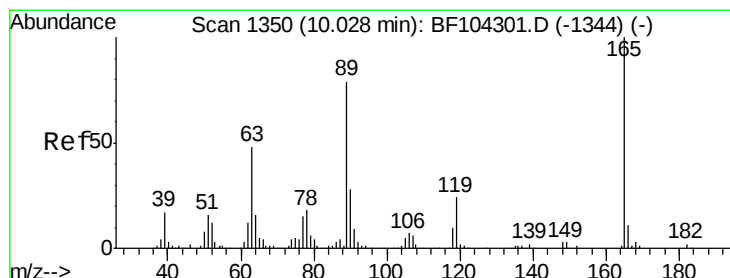
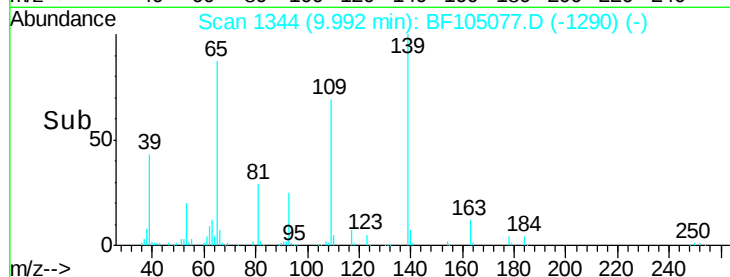
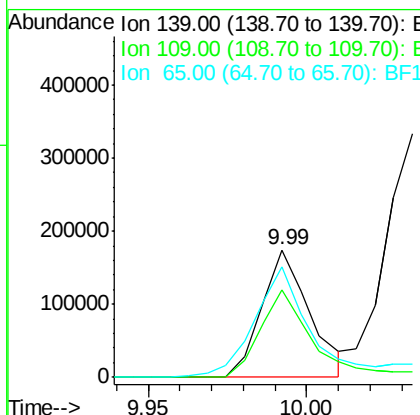
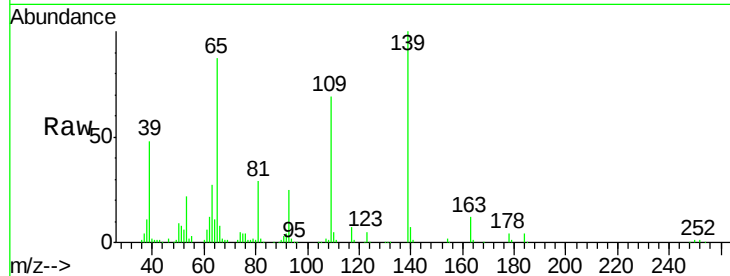
#55
4-Nitrophenol
Concen: 68.632 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.1	48.4	88.4	
65	87.3	72.6	112.6	

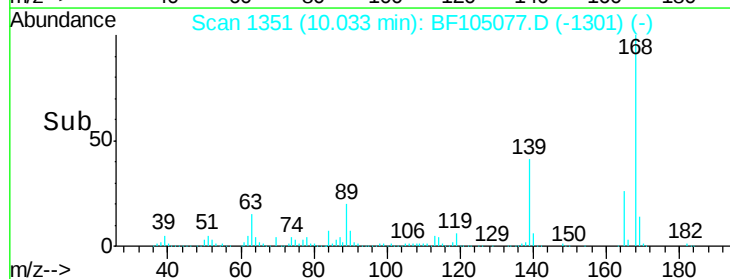
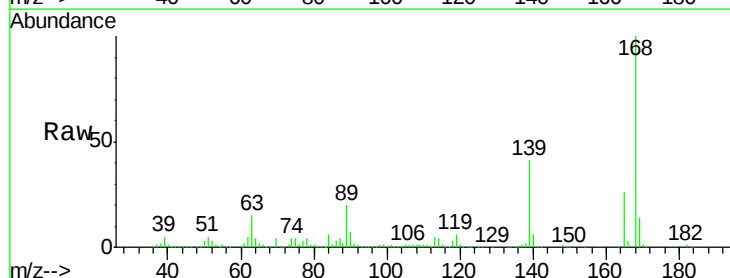
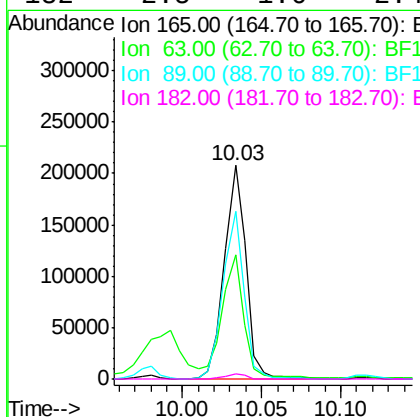
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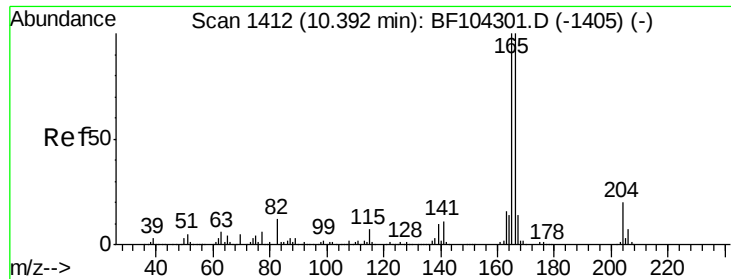
Sohil
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#56
2,4-Dinitrotoluene
Concen: 51.804 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.1	36.4	54.6#	
89	78.4	57.8	86.6	
182	2.5	1.6	2.4#	





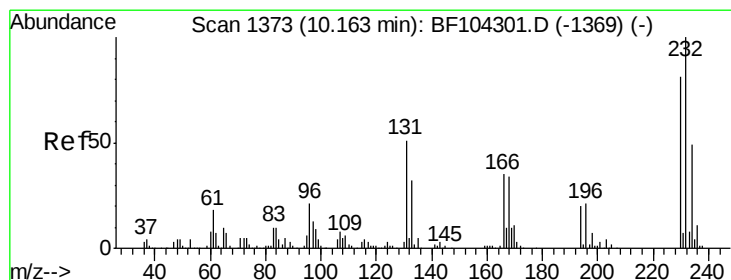
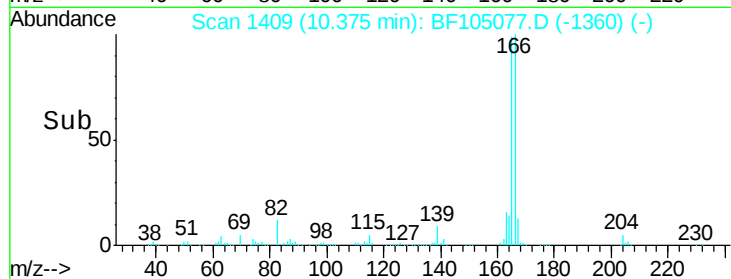
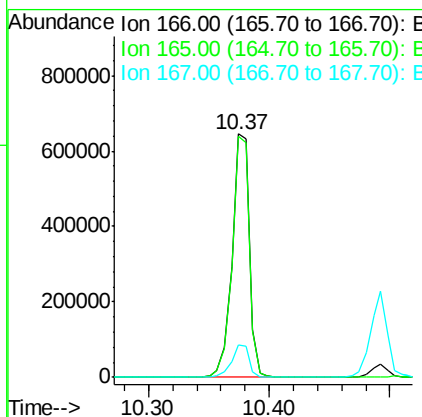
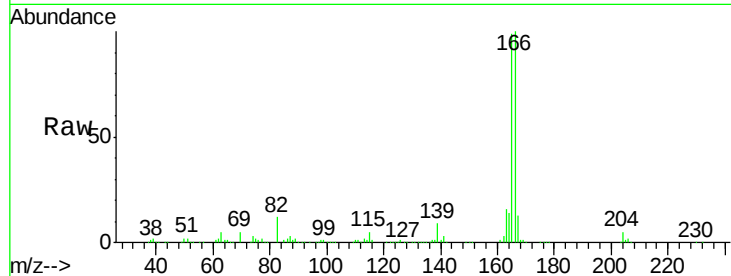
#57
 Fluorene
 Concen: 50.320 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	646466		
165	99.1	79.8	119.8	
167	13.4	10.6	16.0	

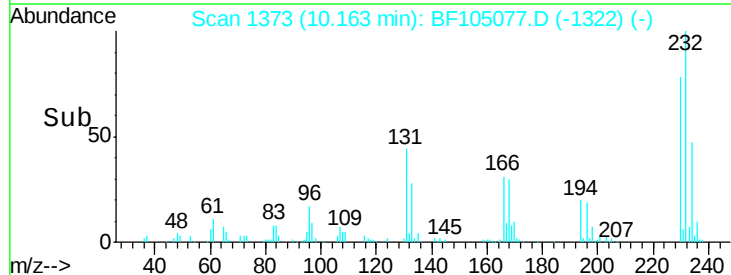
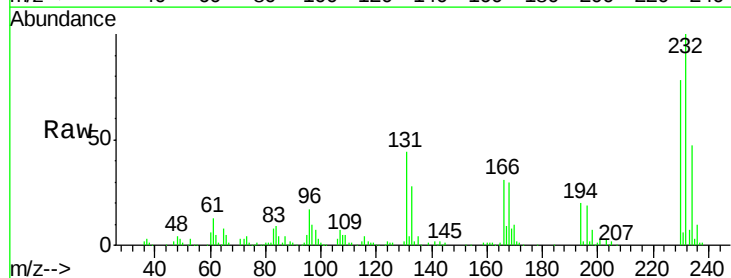
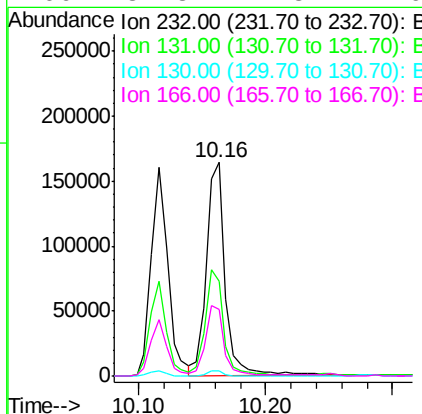
Manual Integrations
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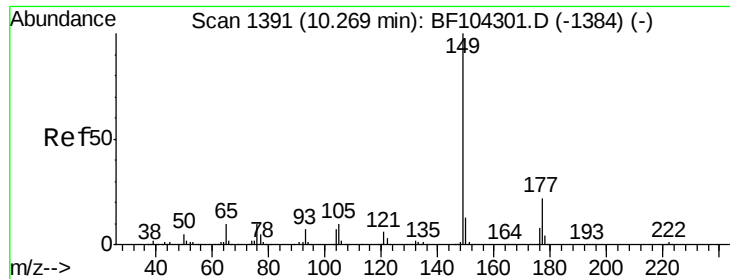
Sohil
 5/4/2018 10:51:34 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.408 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	170047		
131	48.1	43.8	65.8	
130	2.5	2.1	3.1	
166	32.3	27.8	41.6	





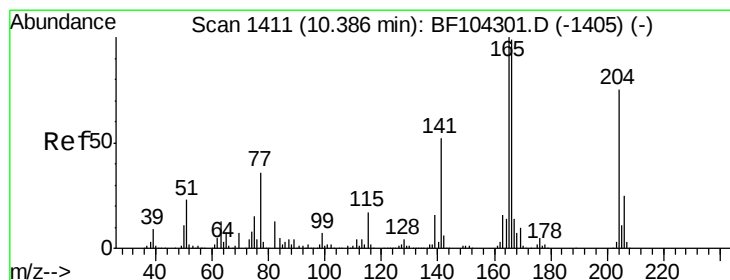
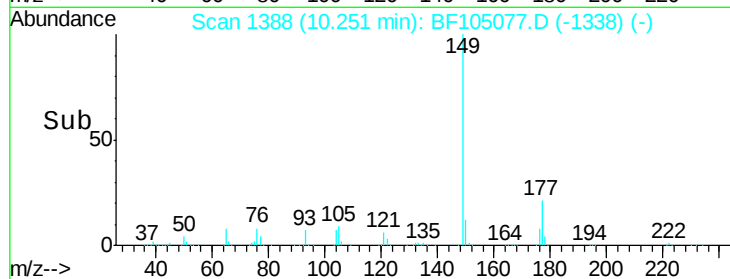
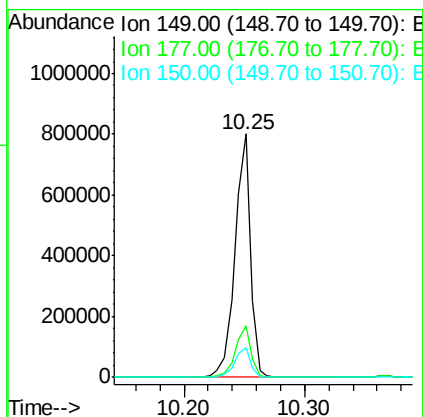
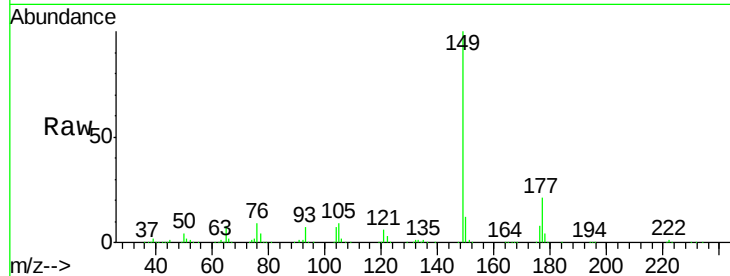
#59
Diethylphthalate
Concen: 45.881 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	12.3	10.1	15.1

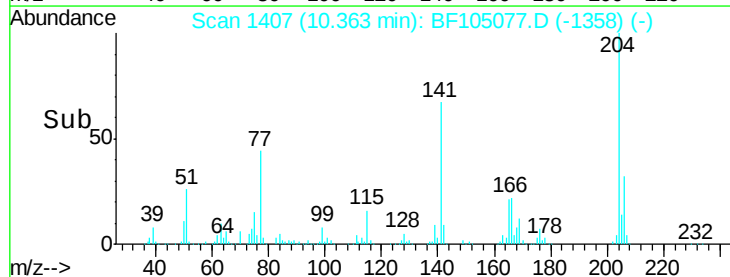
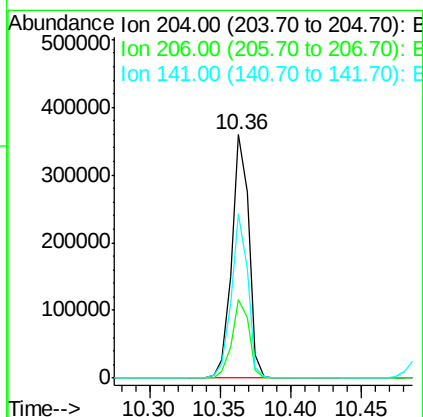
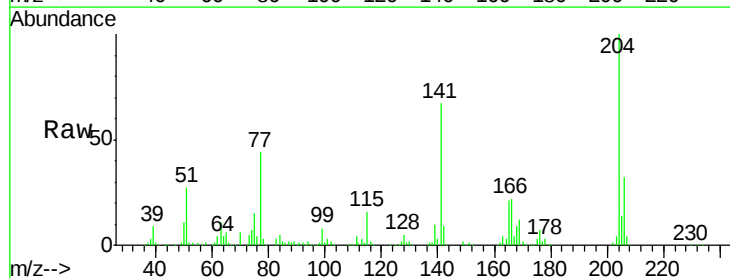
Manual Integrations
APPROVED

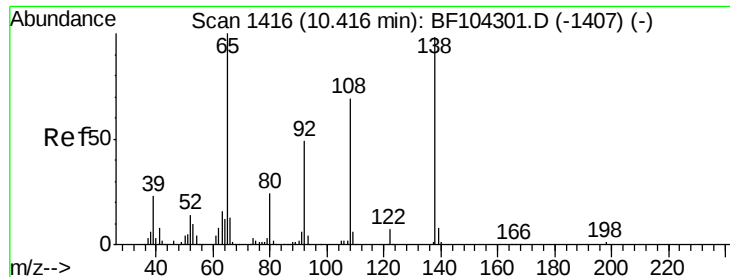
Sohil
5/4/2018 10:51:34 AM



#60
4-Chlorophenyl-phenylether
Concen: 52.899 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	67.2	54.6	81.8





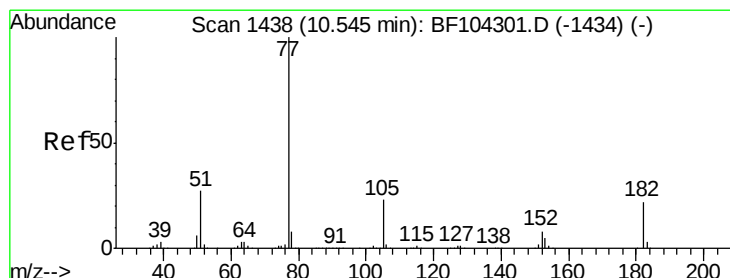
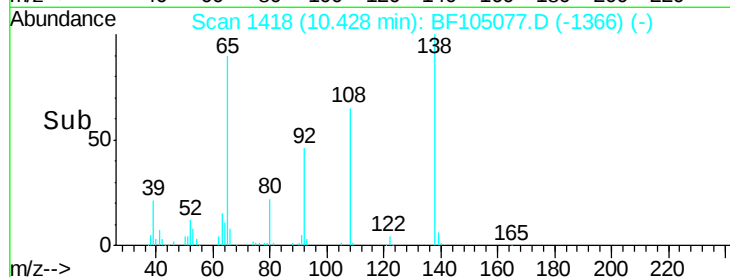
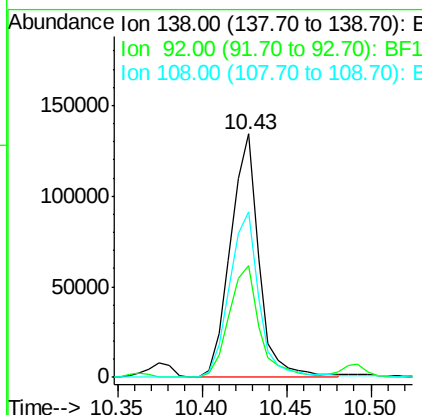
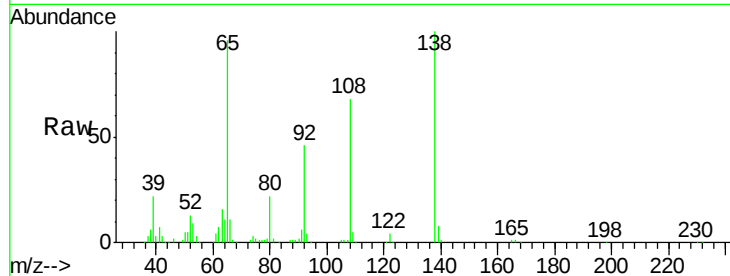
#61
4-Nitroaniline
Concen: 47.399 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.9	30.2	70.2
108	67.8	52.5	92.5

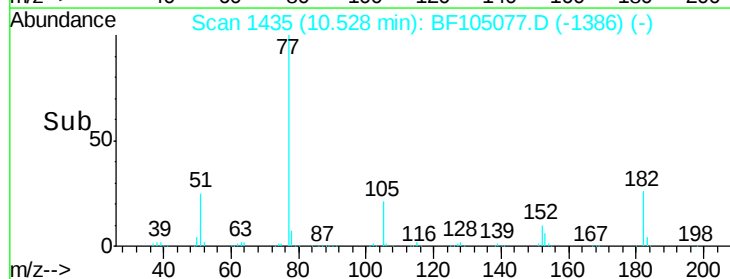
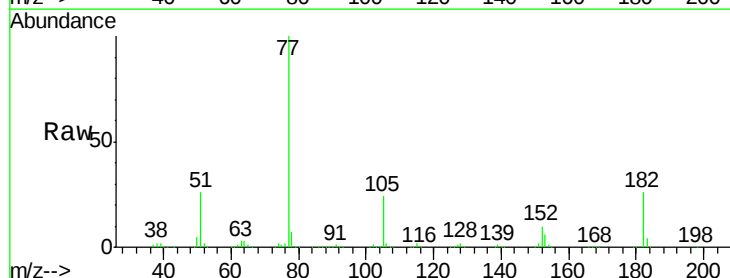
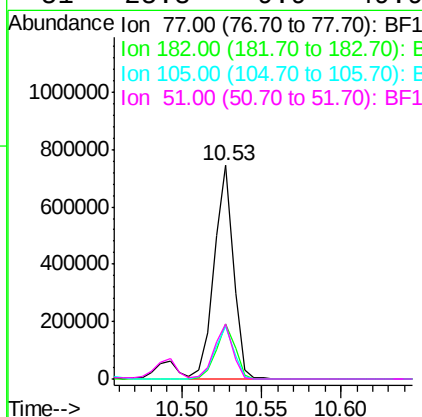
Manual Integrations
APPROVED

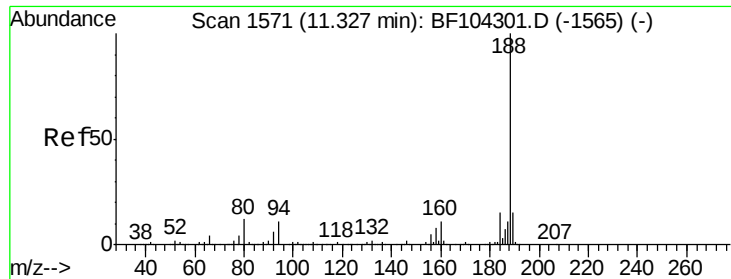
Sohil
5/4/2018 10:51:34 AM



#62
Azobenzene
Concen: 41.885 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	1.7	41.7
105	24.4	3.0	43.0
51	25.8	9.9	49.9





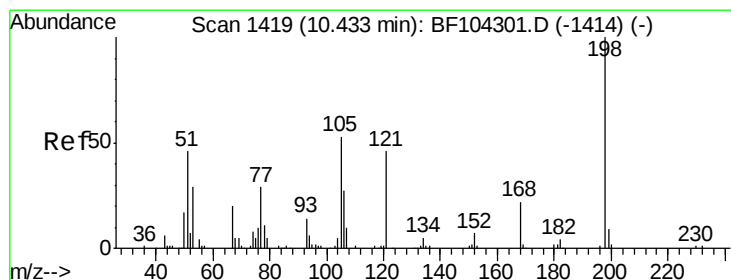
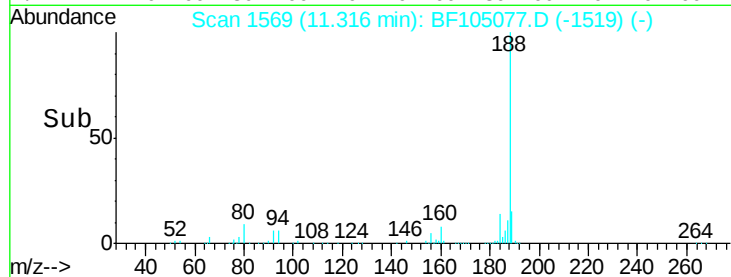
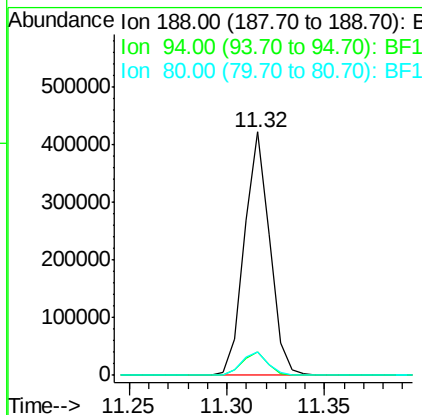
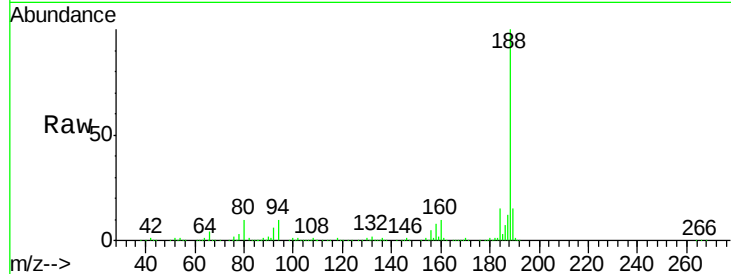
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	379278		
94	9.7	8.5	12.7	
80	9.8	9.2	13.8	

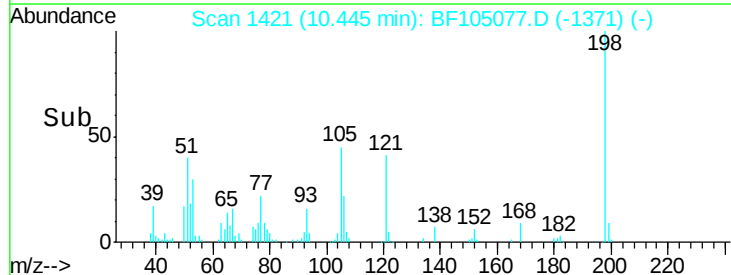
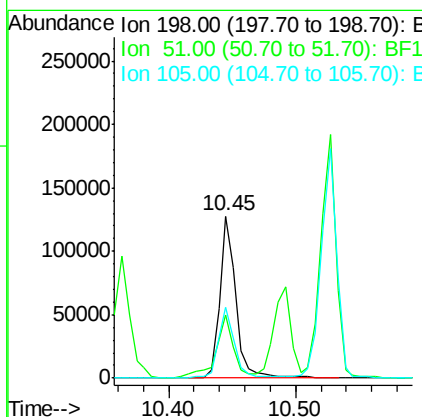
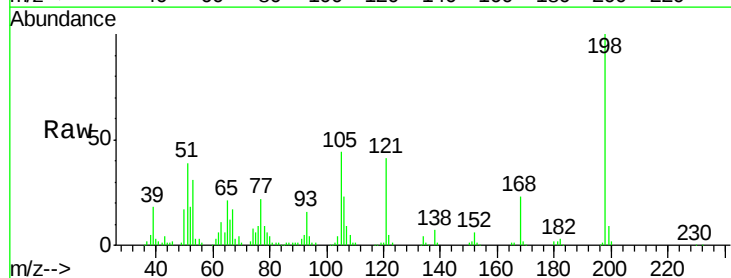
Manual Integrations
APPROVED

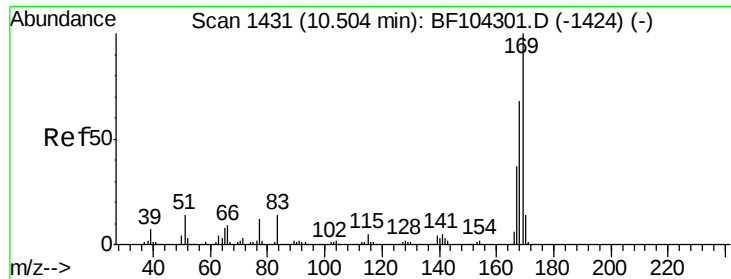
Sohil
5/4/2018 10:51:34 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 59.806 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	114413		
51	39.4	37.7	77.7	
105	44.1	36.3	76.3	





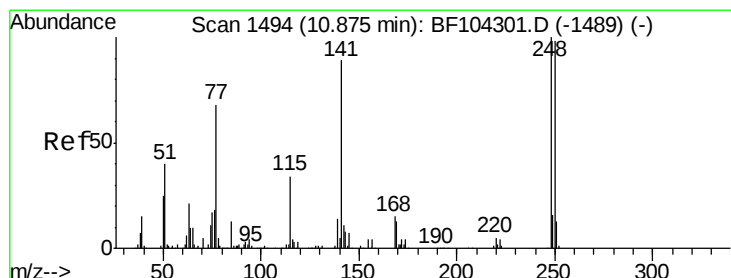
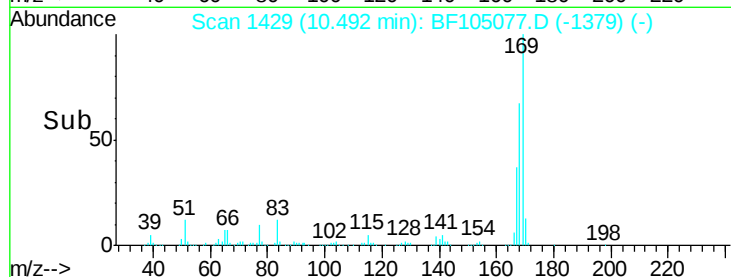
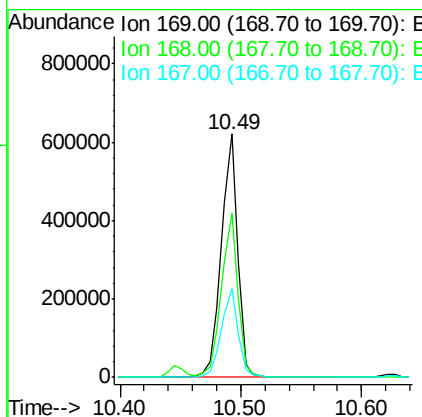
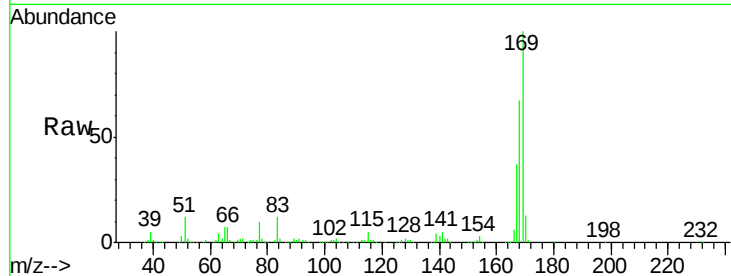
#65
 n-Nitrosodiphenylamine
 Concen: 43.937 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	577794		
168	67.4		54.4	81.6
167	36.6		29.8	44.6

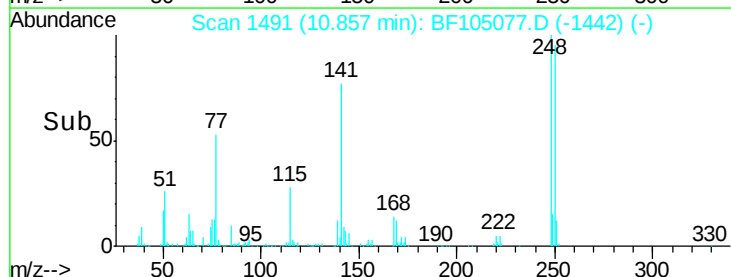
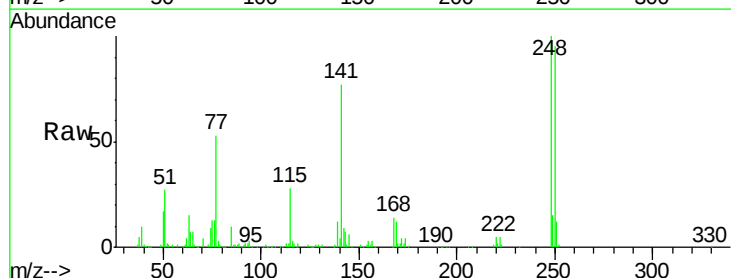
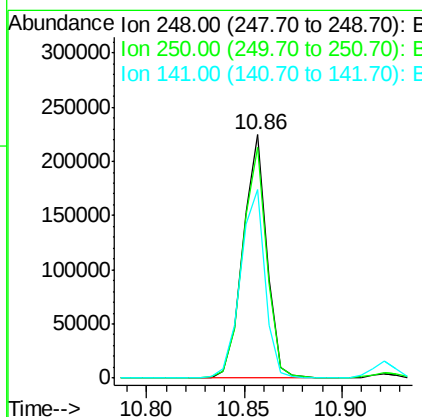
Manual Integrations
 APPROVED

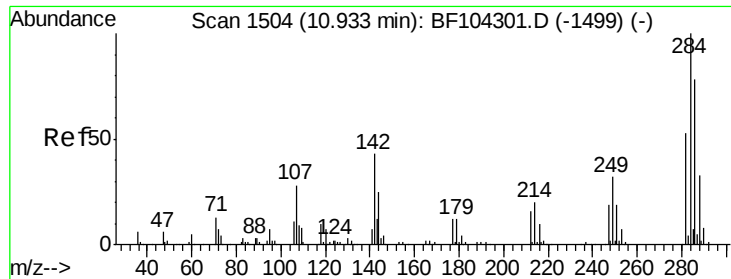
Sohil
 5/4/2018 10:51:34 AM



#66
 4-Bromophenyl-phenylether
 Concen: 47.097 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	190002		
250	94.7		76.9	115.3
141	77.3		74.4	111.6





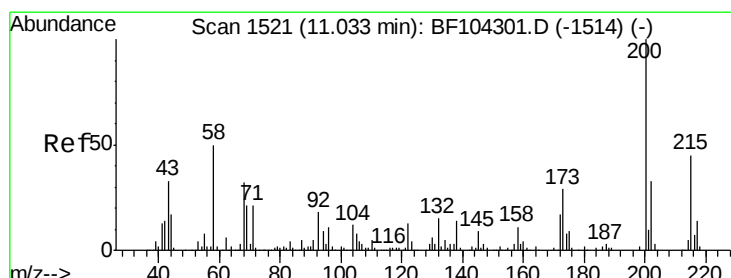
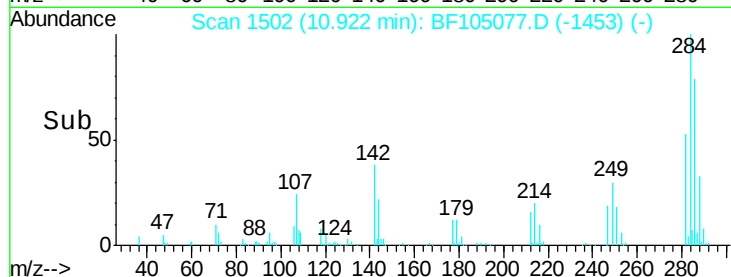
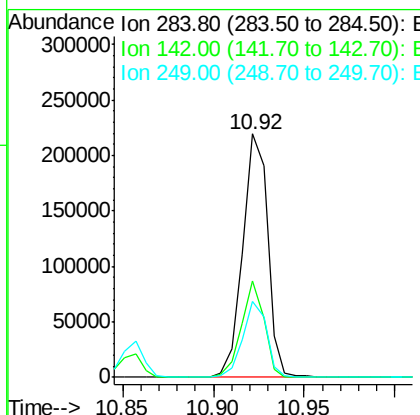
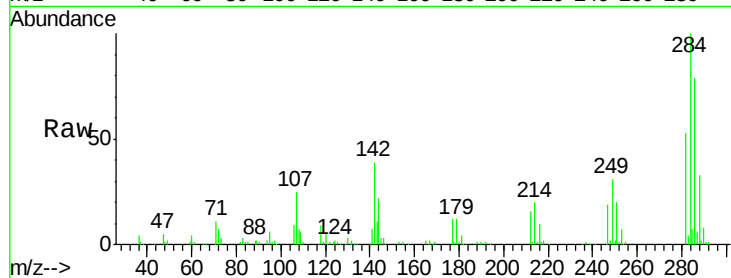
#67
Hexachlorobenzene
Concen: 46.299 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion:	284	Resp:	210173
Ion Ratio		Lower	Upper
284	100		
142	39.4	34.6	52.0
249	31.3	24.8	37.2

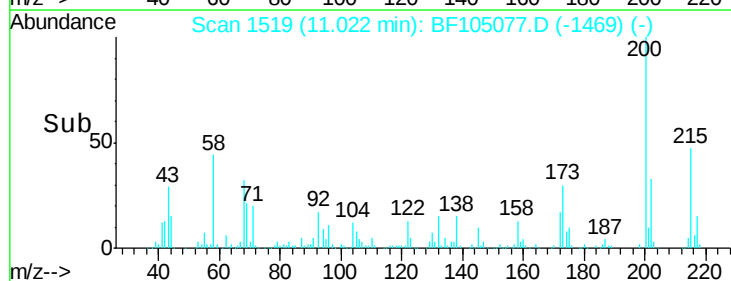
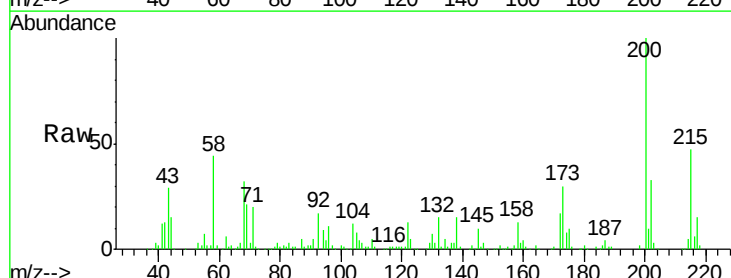
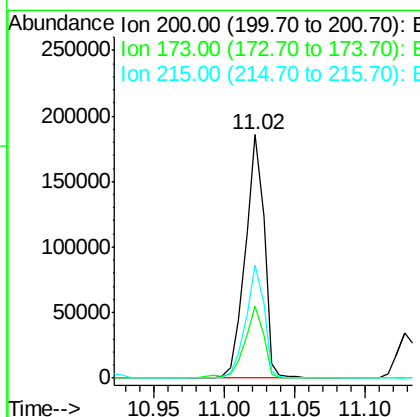
Manual Integrations
APPROVED

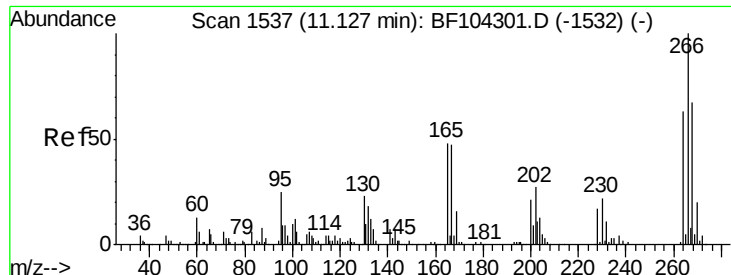
Sohil
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#68
Atrazine
Concen: 43.840 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion:	200	Resp:	174019
Ion Ratio		Lower	Upper
200	100		
173	29.7	8.6	48.6
215	46.6	25.1	65.1





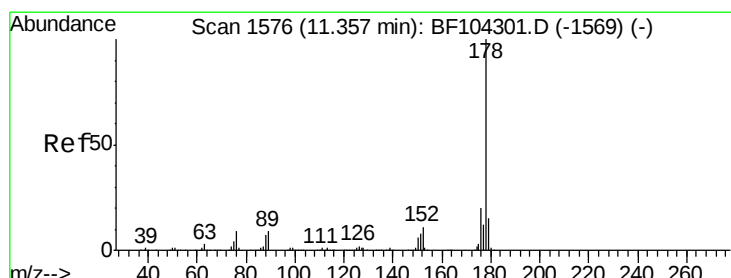
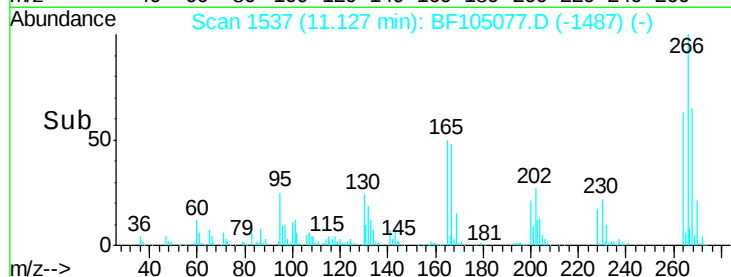
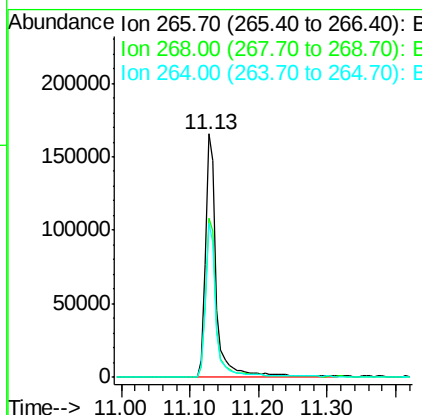
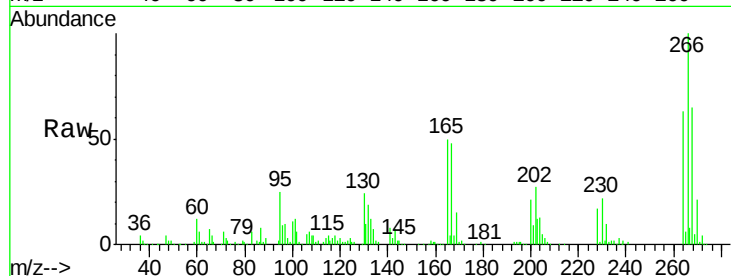
#69
 Pentachlorophenol
 Concen: 68.290 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	191781		
268	65.3	51.1	76.7	
264	63.4	49.5	74.3	

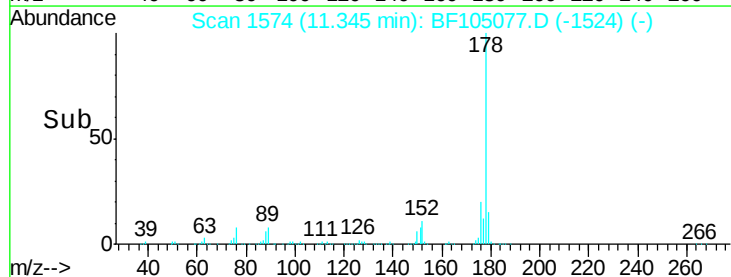
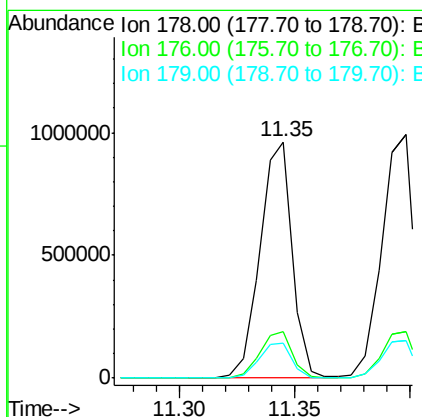
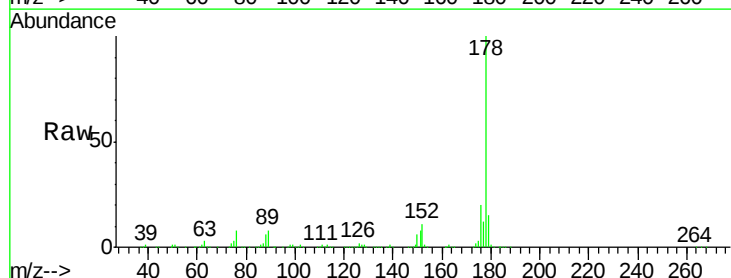
Manual Integrations
 APPROVED

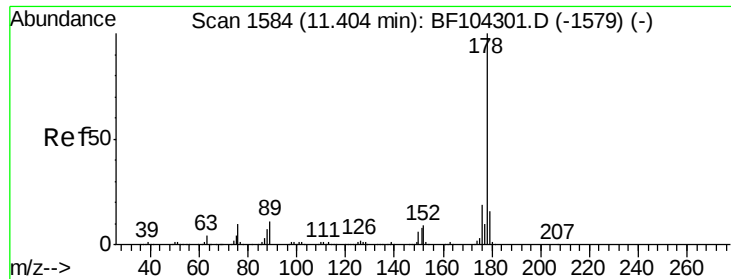
Sohil
 5/4/2018 10:51:34 AM



#70
 Phenanthrene
 Concen: 44.329 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	936301		
176	19.6	15.8	23.8	
179	14.9	13.0	19.6	





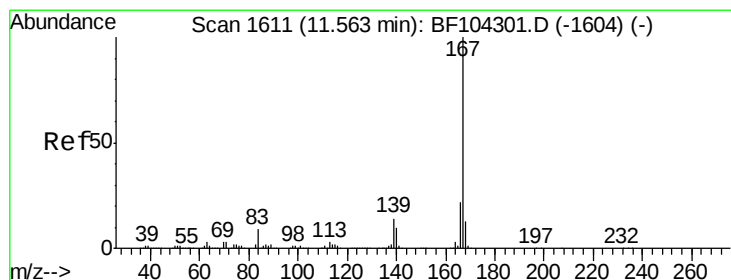
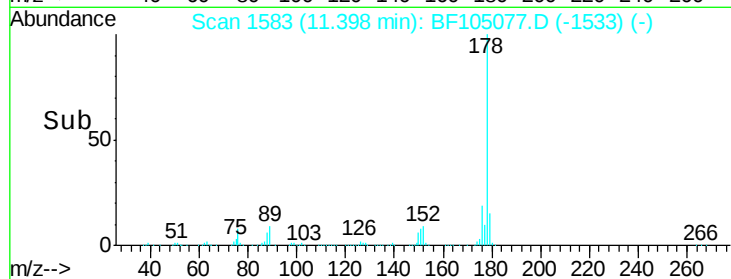
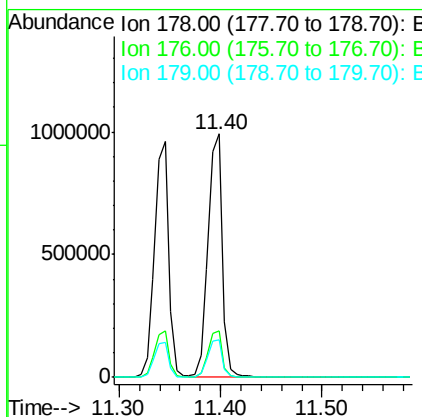
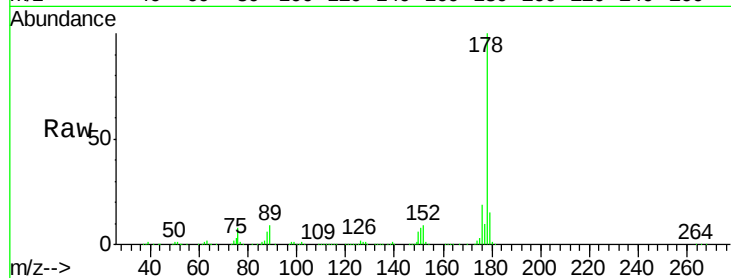
#71
 Anthracene
 Concen: 45.189 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.6	19.0

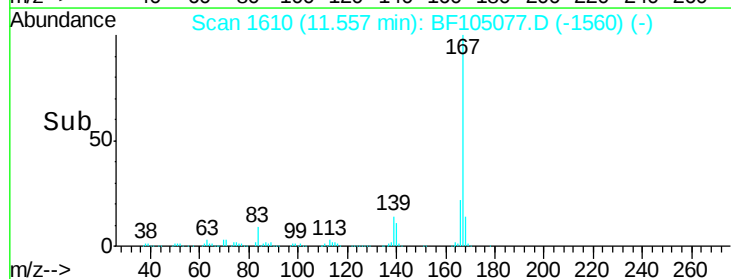
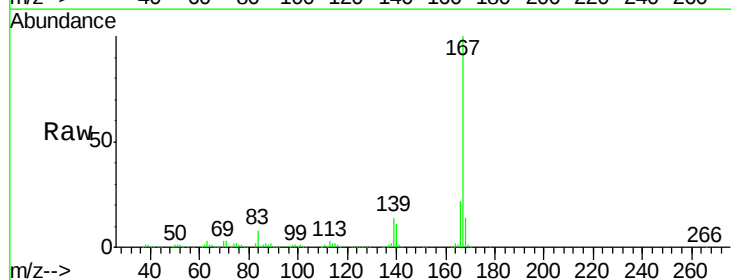
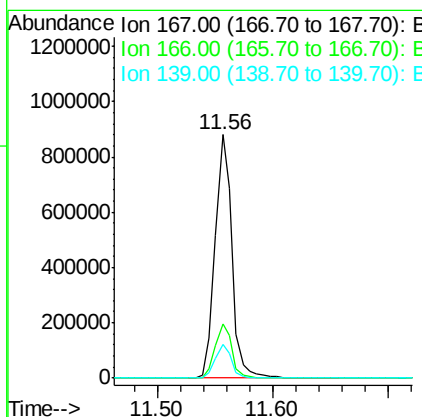
Manual Integrations
 APPROVED

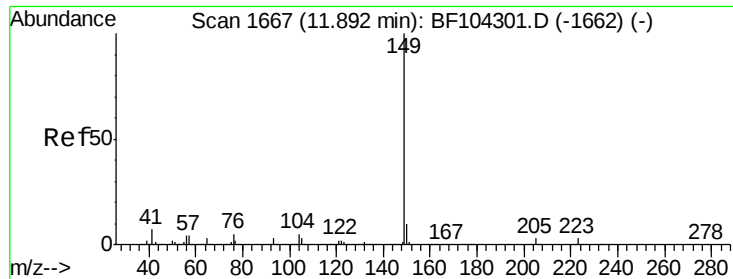
Sohil
 5/4/2018 10:51:34 AM



#72
 Carbazole
 Concen: 42.490 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.925 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

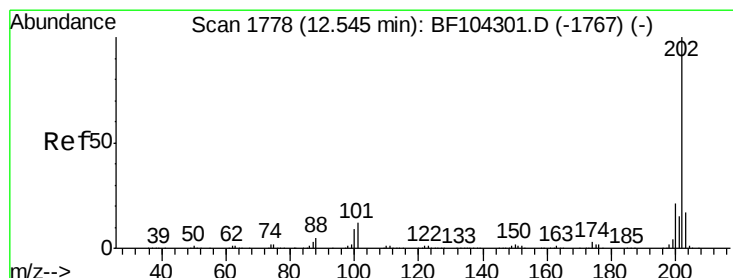
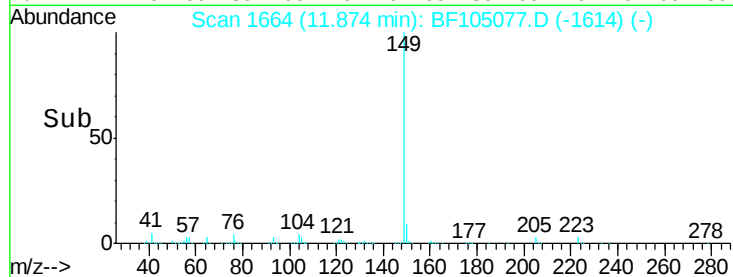
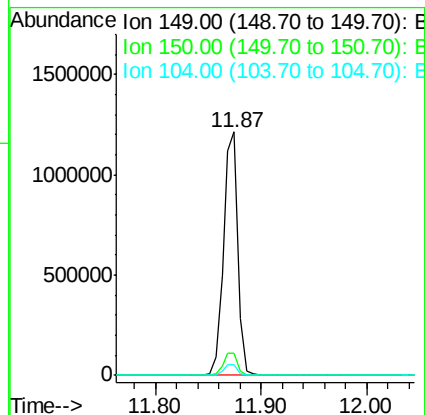
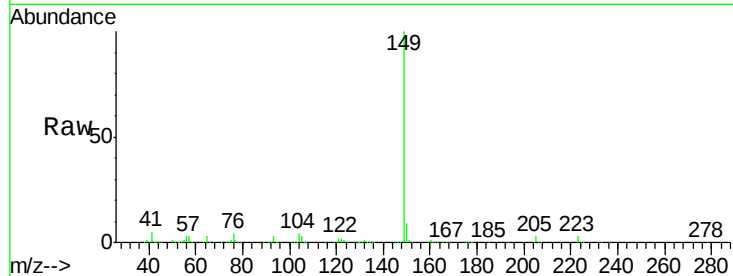
ClientSampleId :

PB108756BSD

Tot Ion:	149	Resp:	1151371
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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Sohil
5/4/2018 10:51:34 AM



#74

Fluoranthene

Concen: 44.434 ng

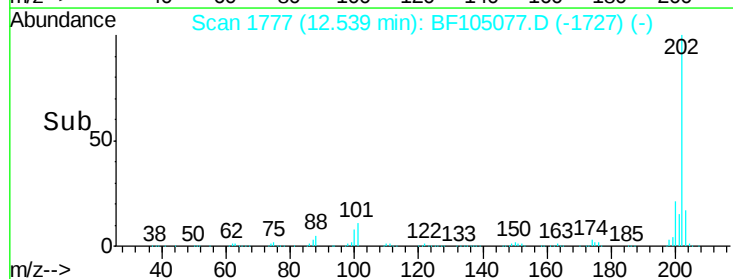
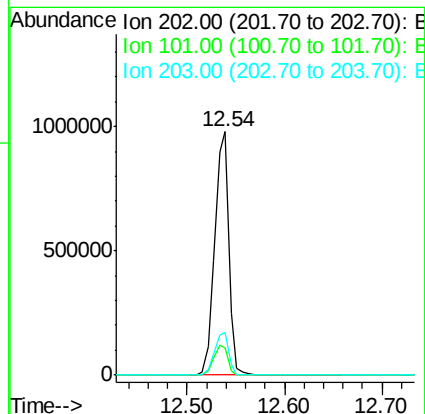
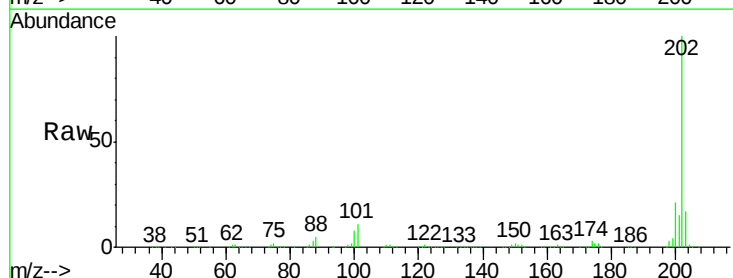
RT: 12.54 min Scan# 1777

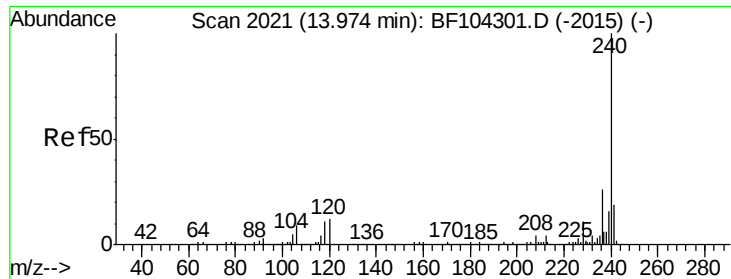
Delta R.T. -0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Tgt Ion:	202	Resp:	980572
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

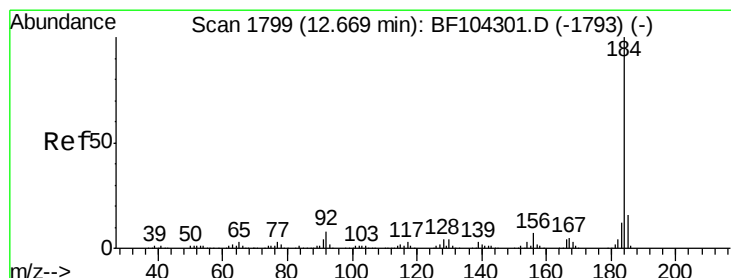
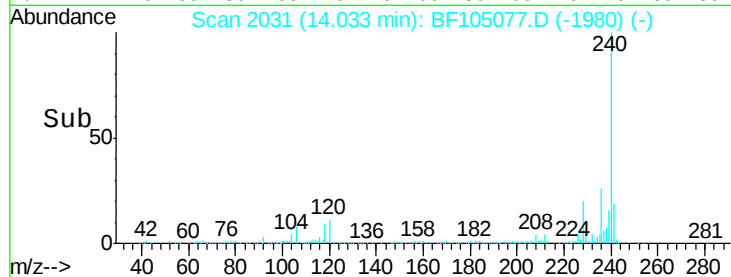
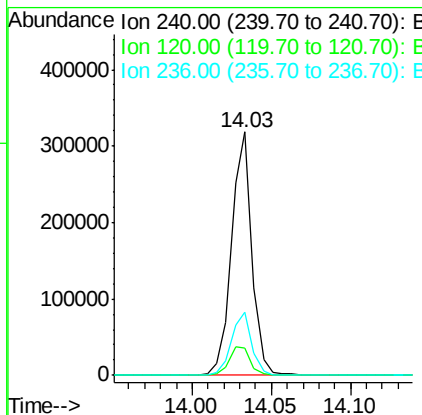
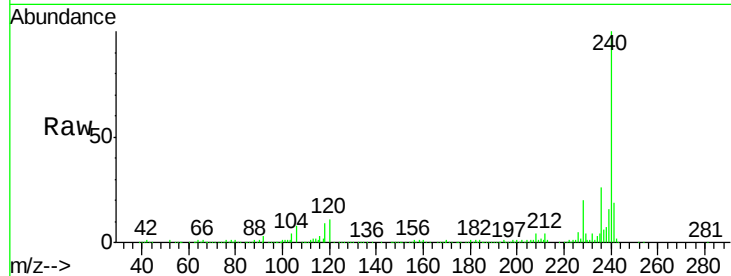
ClientSampleId :

PB108756BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 16.516 ng

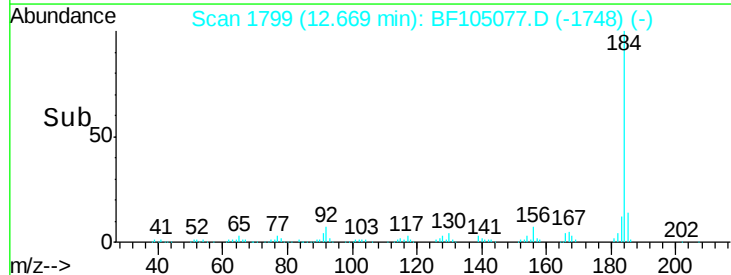
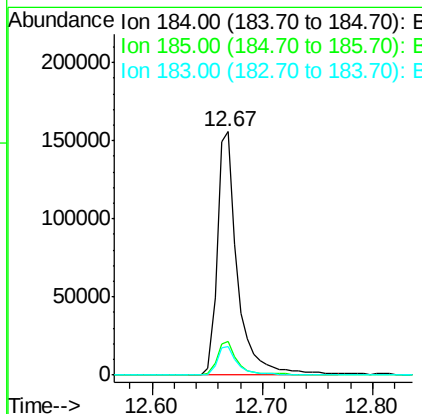
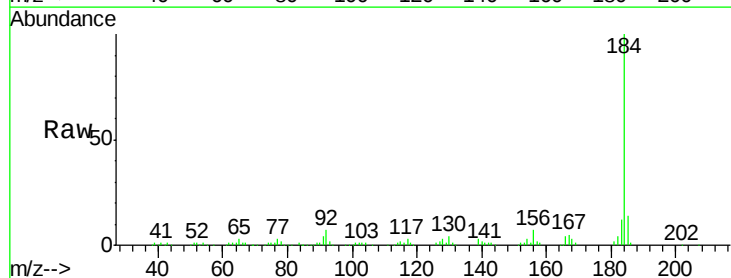
RT: 12.67 min Scan# 1799

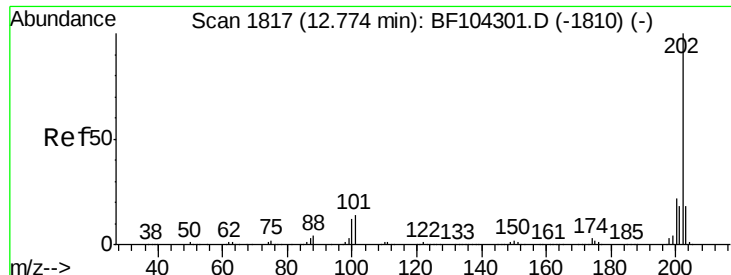
Delta R.T. -0.00 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	11.7	9.3	13.9





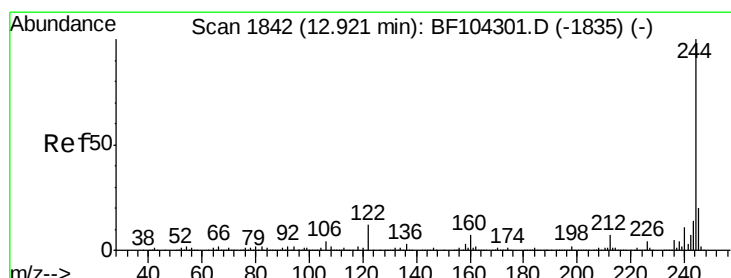
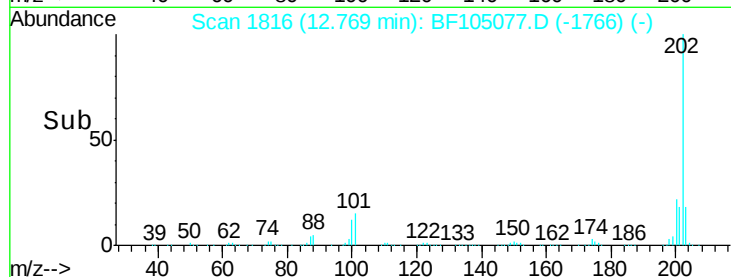
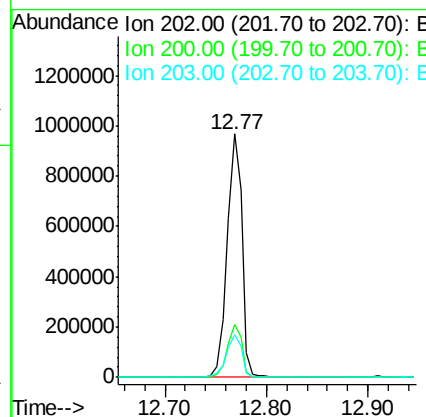
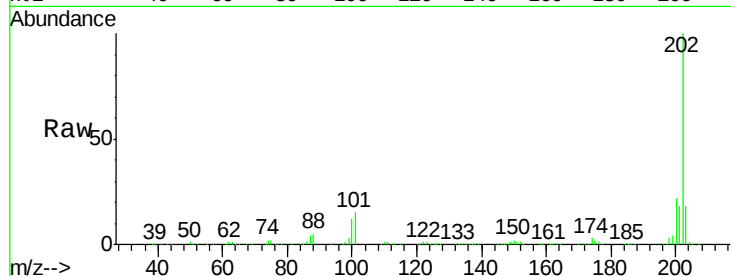
#77
Pvrene
Concen: 46.443 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	974855		
200	21.7		17.4	26.2
203	17.7		14.3	21.5

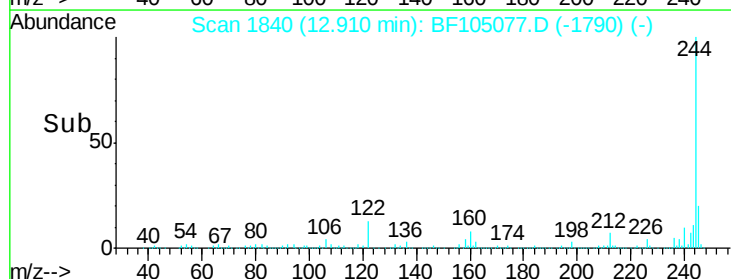
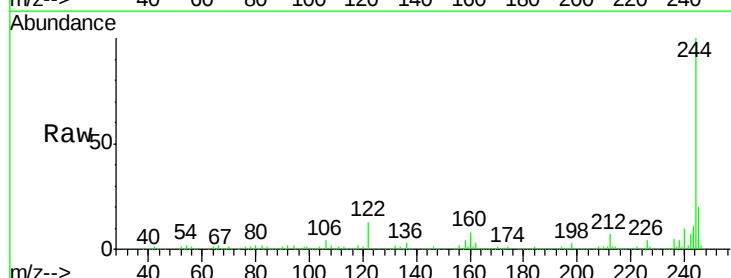
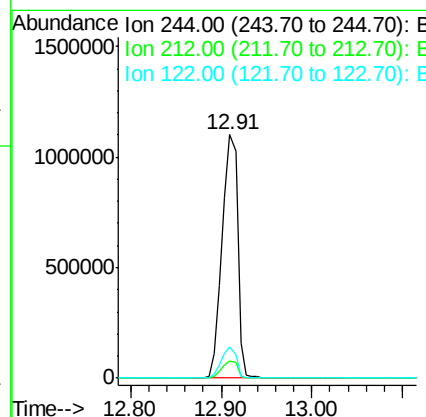
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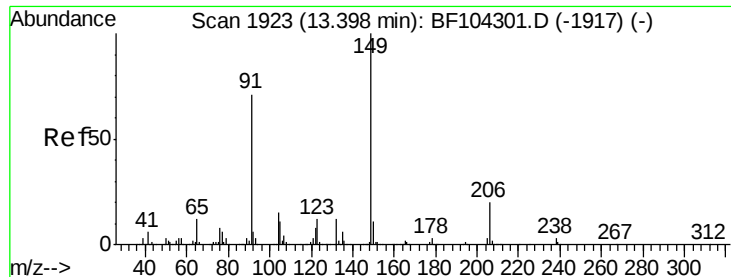
Sohil
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#78
Terphenyl-d14
Concen: 104.981 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1303969		
212	7.2		5.4	8.0
122	13.0		11.0	16.4





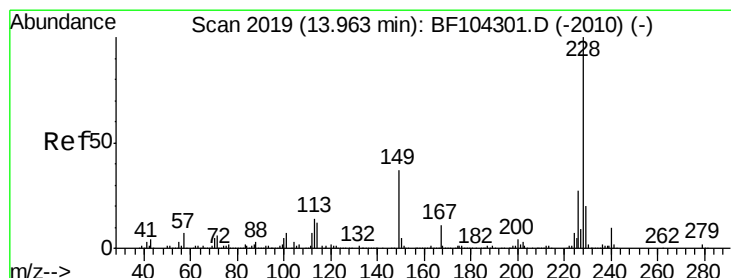
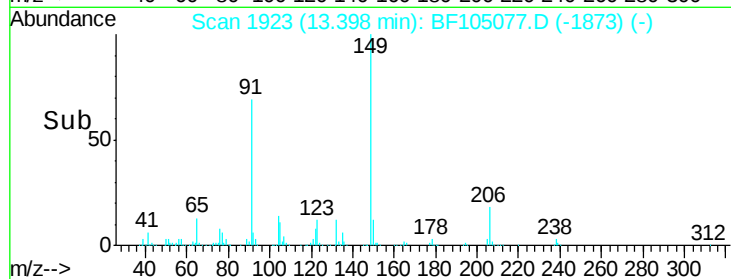
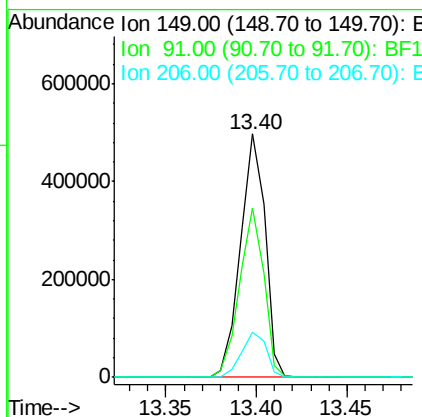
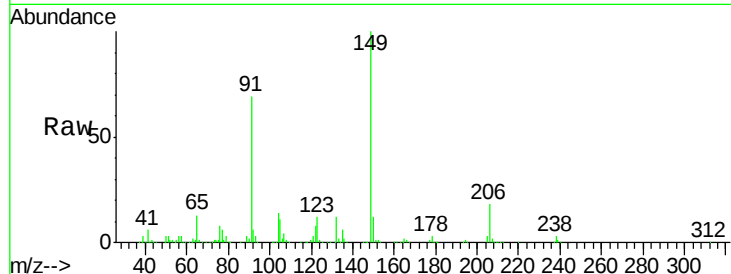
#79
Butylbenzylphthalate
Concen: 47.767 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	472356		
91	69.3	56.8	85.2	
206	18.3	14.1	21.1	

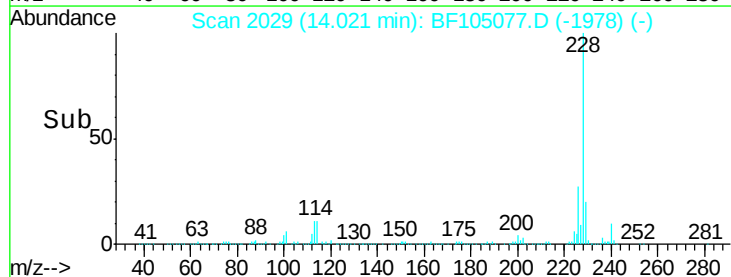
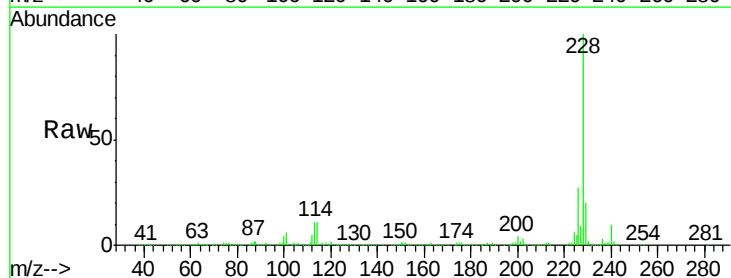
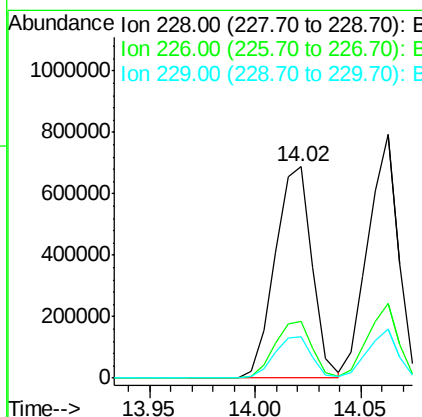
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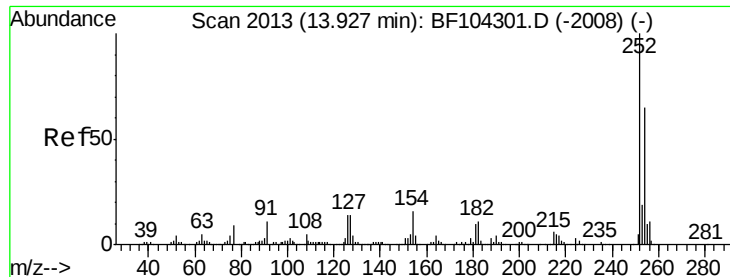
Sohil
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#80
Benzo(a)anthracene
Concen: 49.580 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	838771		
226	26.8	22.6	33.8	
229	19.6	15.8	23.6	





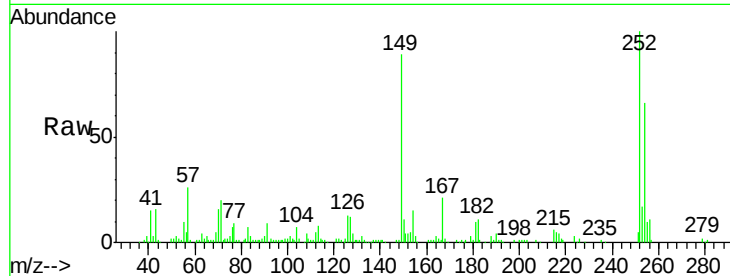
#81
 3,3'-Dichlorobenzidine
 Concen: 17.448 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

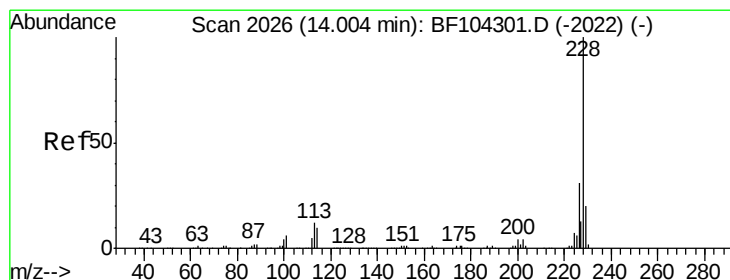
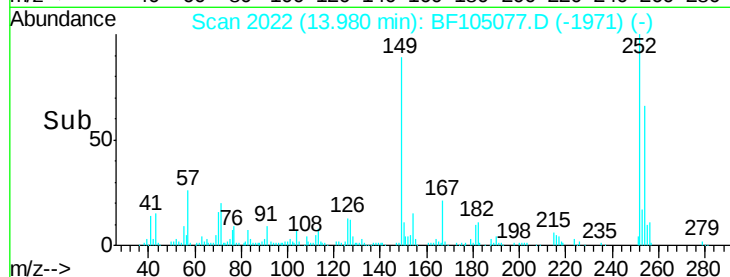
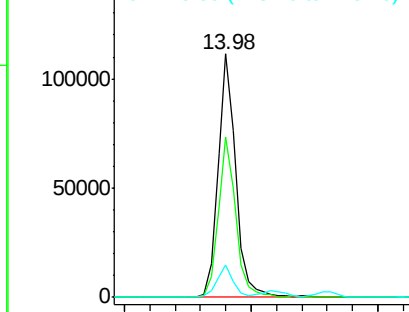
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.7	50.4	75.6
126	13.2	11.3	16.9

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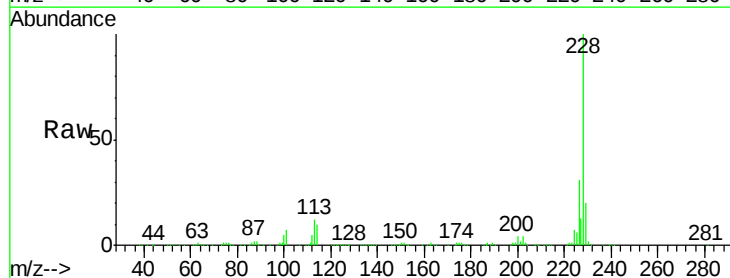


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

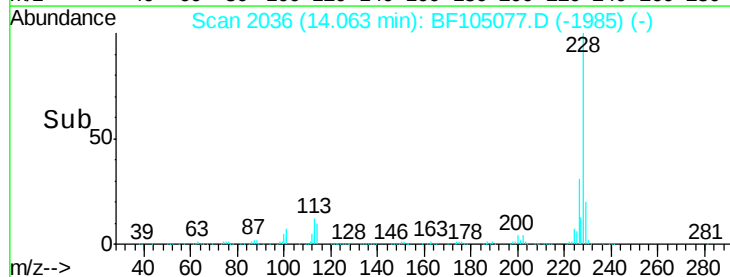
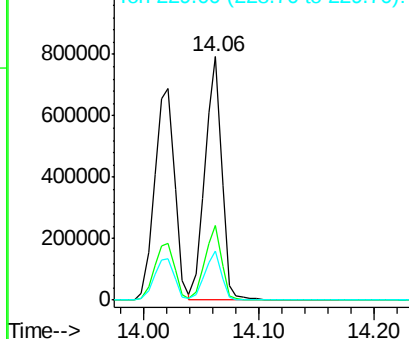


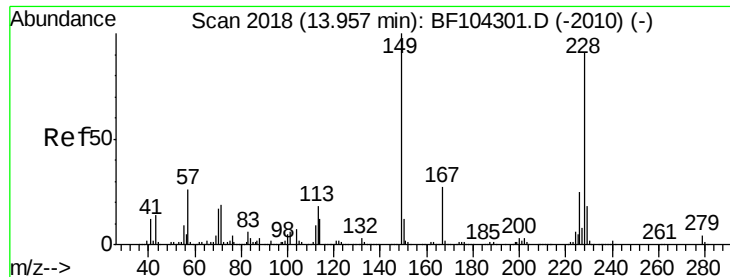
#82
 Chrysene
 Concen: 46.241 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.9	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





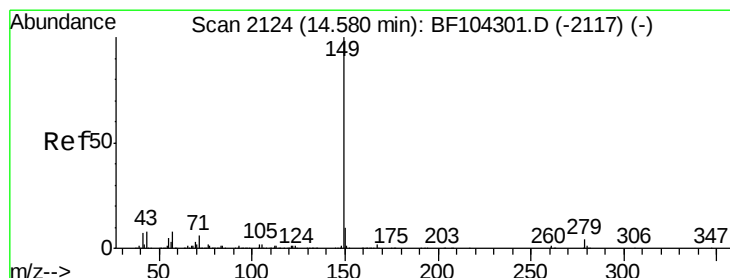
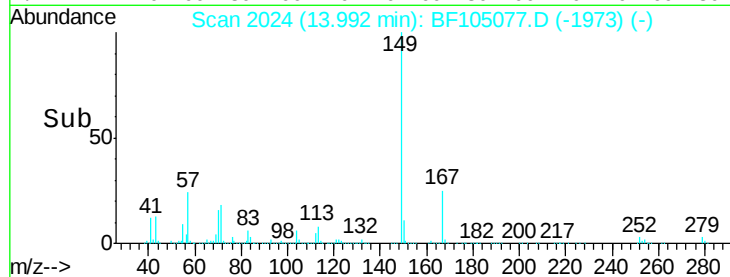
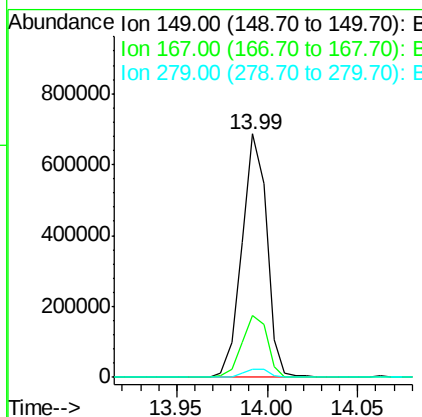
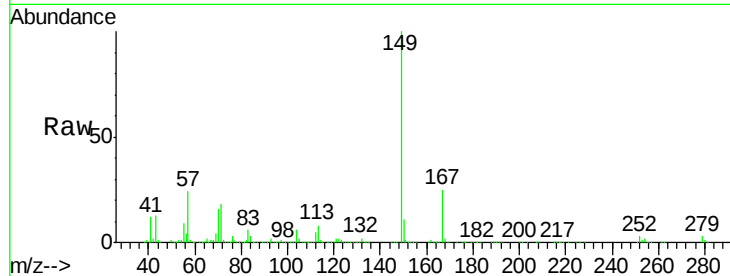
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.424 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	654081		
167	25.4		21.3	31.9
279	3.2		3.0	4.4

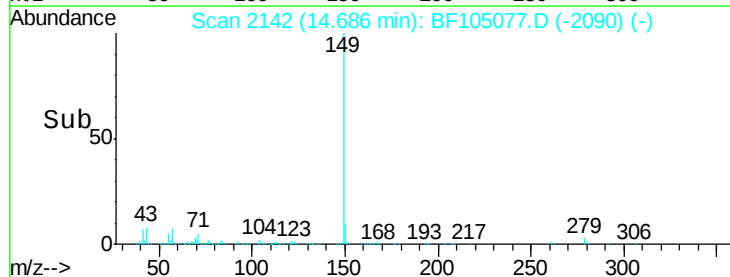
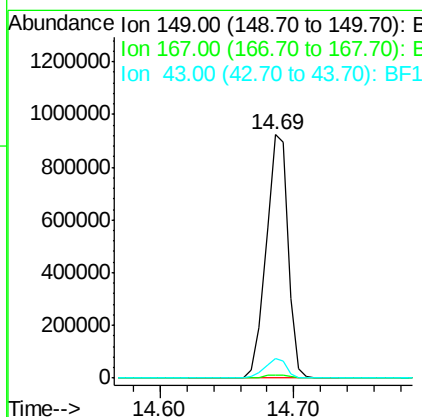
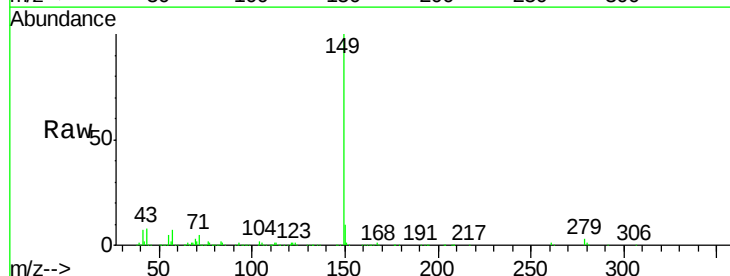
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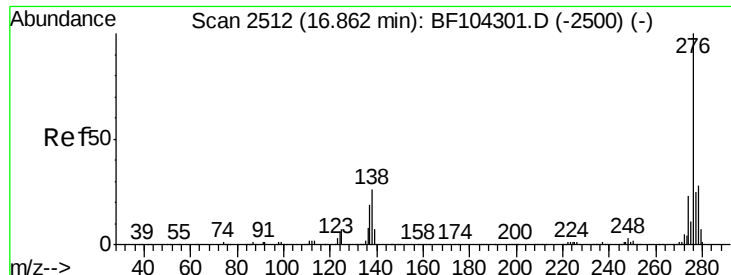
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#84
 Di-n-octyl phthalate
 Concen: 49.210 ng
 RT: 14.69 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: BF105077.D
 Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1045872		
167	1.5		1.2	1.8
43	7.7		8.4	12.6#





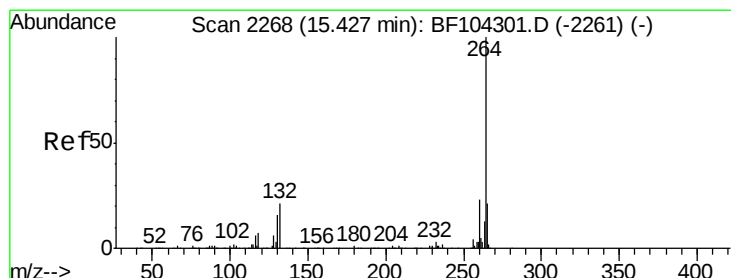
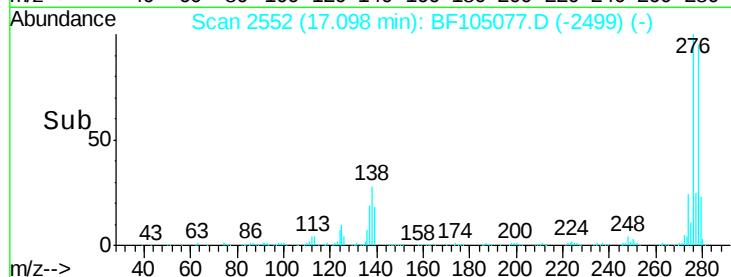
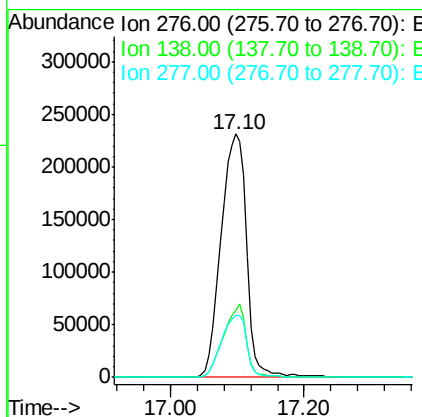
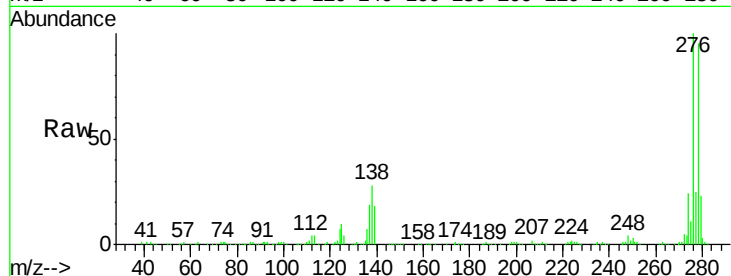
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.550 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.0	37.6
277	25.5	20.1	30.1

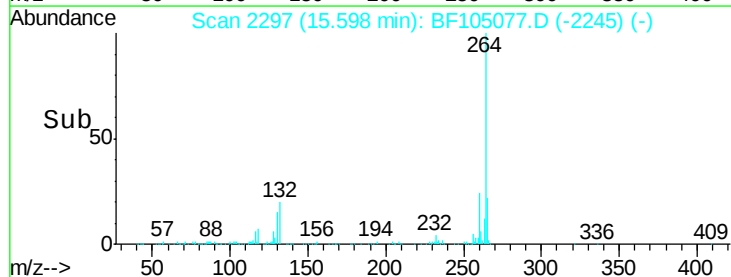
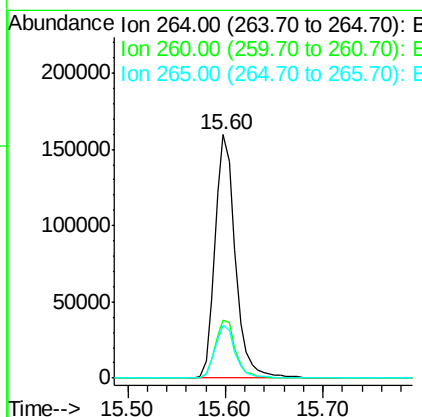
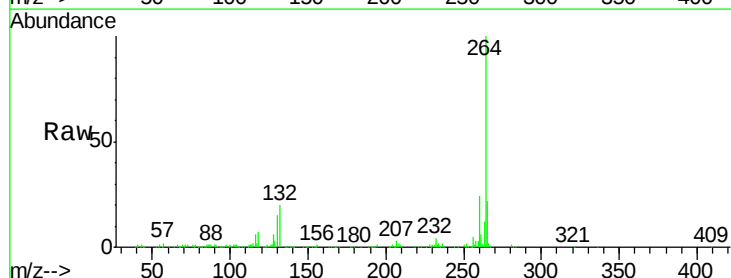
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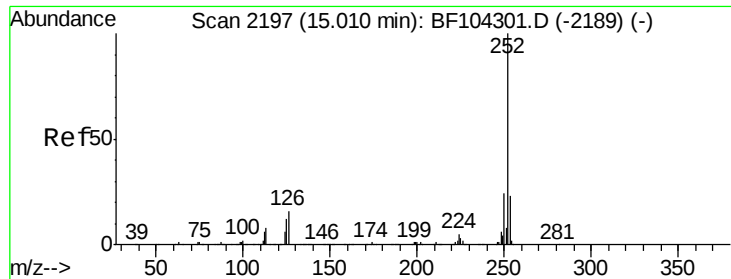
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 47.269 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

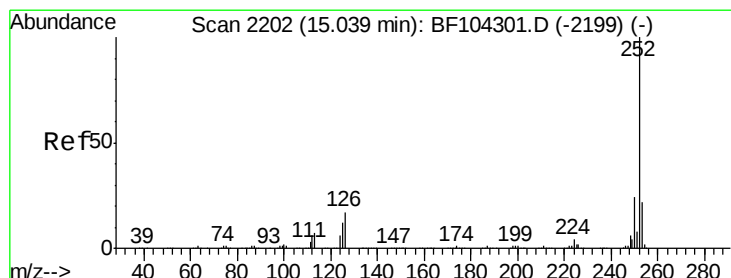
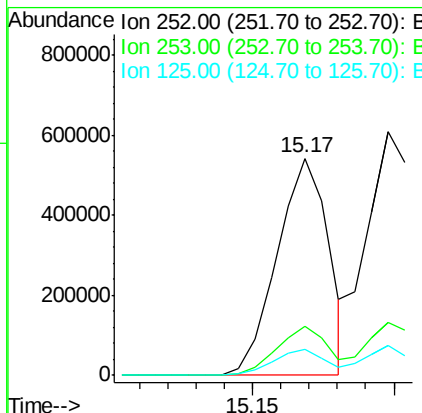
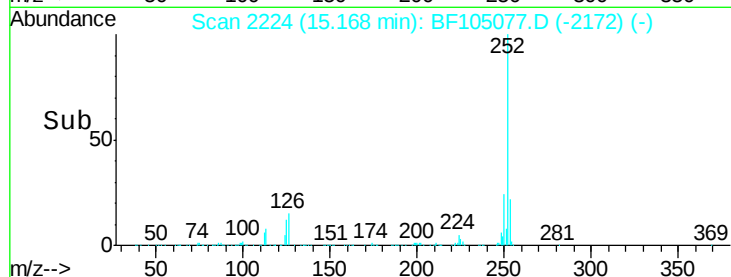
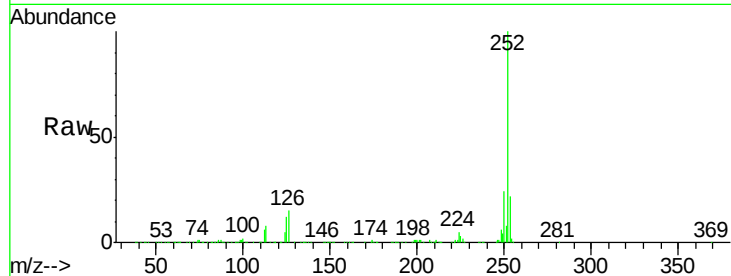
ClientSampleId :

PB108756BSD

Tot Ion:	252	Resp:	686512
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.6
125	11.7	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 50.884 ng

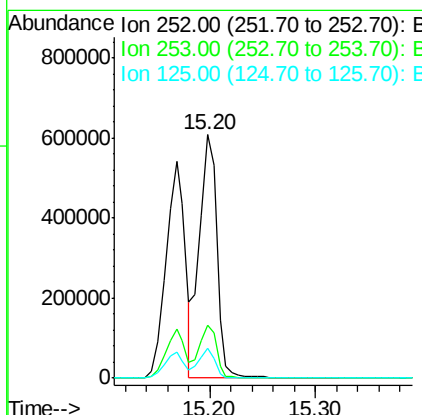
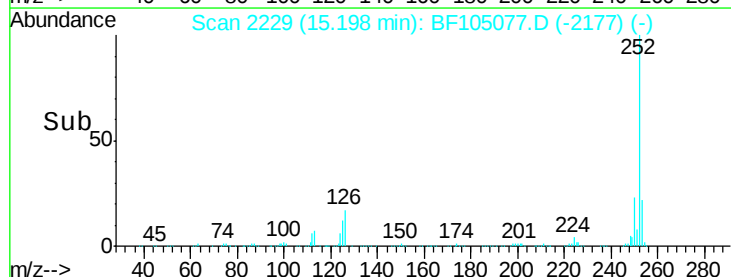
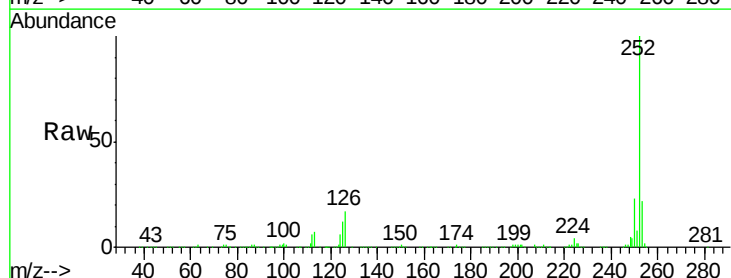
RT: 15.20 min Scan# 2229

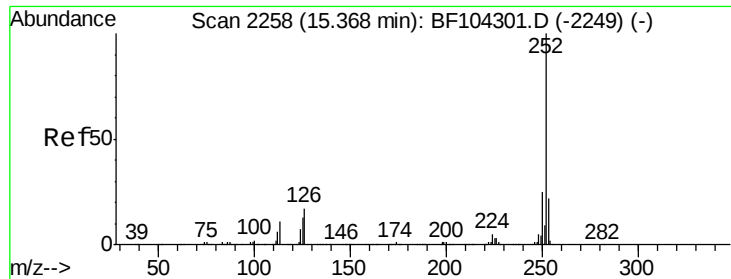
Delta R.T. 0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Tgt Ion:	252	Resp:	697695
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	12.4	10.2	15.2





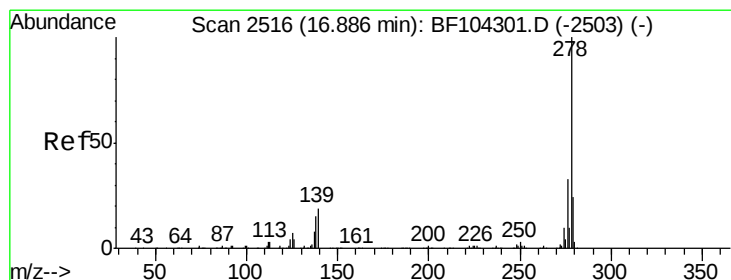
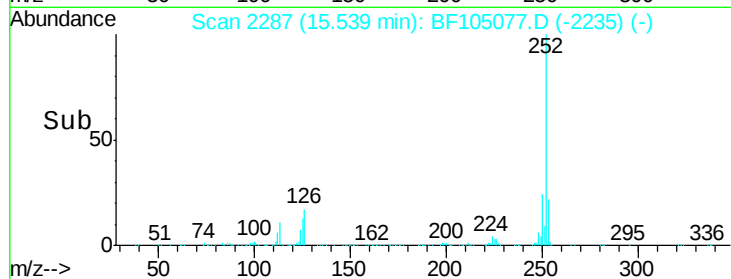
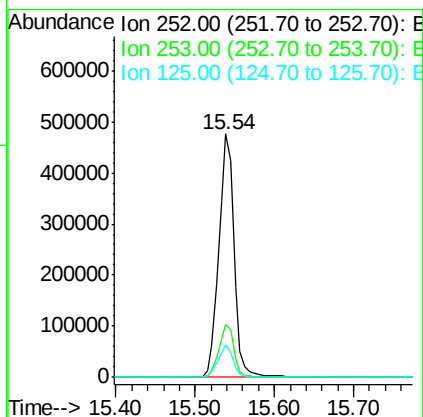
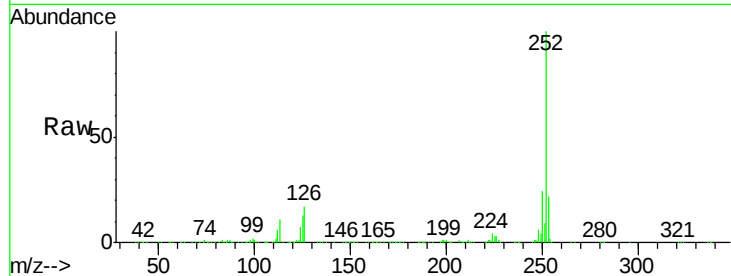
#89
Benzo(a)pyrene
Concen: 48.993 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.1	25.7
125	13.2	9.8	14.6

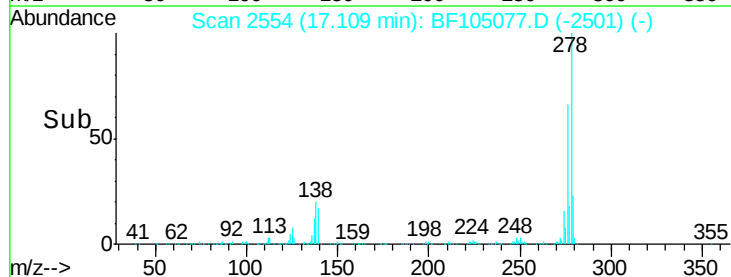
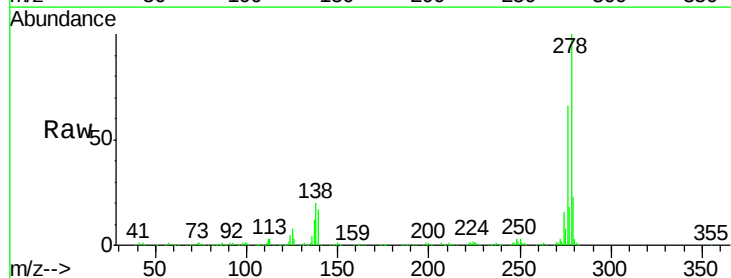
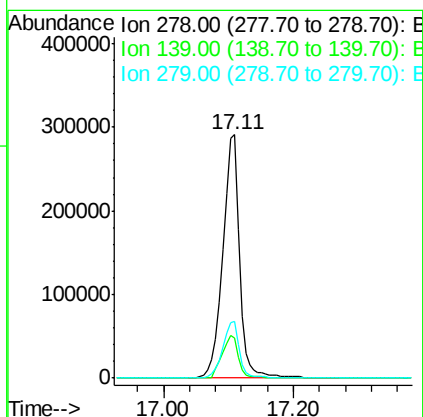
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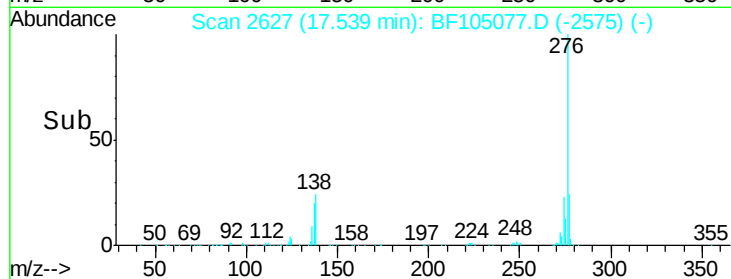
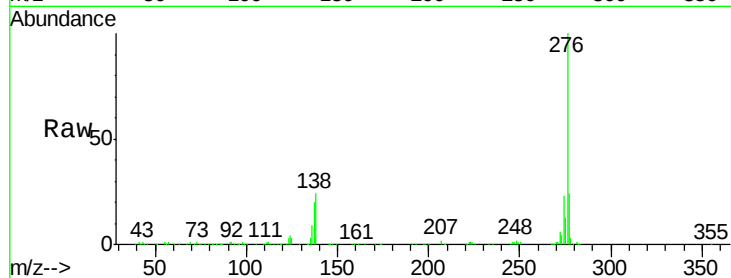
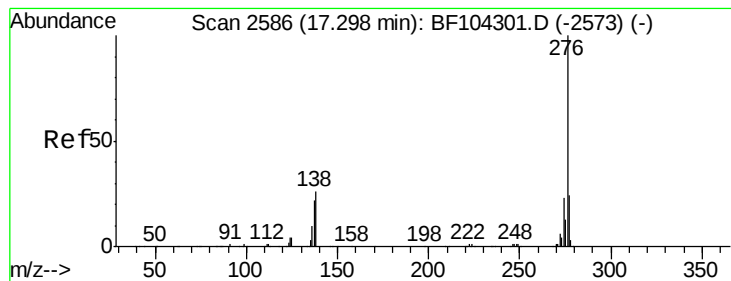
Sohil
5/4/2018 10:51:34 AM



#90
Dibenzo(a,h)anthracene
Concen: 49.020 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF105077.D
Acq: 3 May 2018 17:21

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	16.6	15.9	23.9
279	23.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 50.365 ng

RT: 17.54 min Scan# 2627

Delta R.T. 0.01 min

Lab File: BF105077.D

Acq: 3 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

Tot Ion: 276 Resp: 520781

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 23.8 21.8 32.8

Manual Integrations

APPROVED

Sohil

5/4/2018 10:51:34 AM

