

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106712.D
 Acq On : 22 Jun 2018 17:04
 Operator : JU/SJ
 Sample : PB110459BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110459BSD

Manual Integrations
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Sohil
 6/25/2018 5:16:48 PM

Quant Time: Jun 22 18:10:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	58947	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	234788	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	128439	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	268943	20.00	ng	0.00
75) Chrysene-d12	14.15	240	195904	20.00	ng	0.00
86) Perylene-d12	15.69	264	166329	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	370722	106.49	ng	0.01
7) Phenol-d6	6.61	99	477320	109.80	ng	0.00
23) Nitrobenzene-d5	7.52	82	320243	75.80	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	186156	125.05	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	613367	79.96	ng	0.00
78) Terphenyl-d14	13.08	244	755619	93.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	51807	28.947	ng	97
3) Pyridine	3.67	79	154380	31.806	ng	97
4) n-Nitrosodimethylamine	3.63	42	64779	31.423	ng	83
6) Aniline	6.63	93	107366	18.207	ng	97
8) 2-Chlorophenol	6.75	128	141858	37.153	ng	99
9) Benzaldehyde	6.51	77	71570	21.298	ng	99
10) Phenol	6.62	94	170021	34.270	ng	87
11) bis(2-Chloroethyl)ether	6.70	93	145432	35.508	ng	99
12) 1,3-Dichlorobenzene	6.90	146	163819	36.633	ng	98
13) 1,4-Dichlorobenzene	6.98	146	166014	36.719	ng	98
14) 1,2-Dichlorobenzene	7.13	146	152295	36.756	ng	98
15) Benzyl Alcohol	7.10	79	127637	36.565	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	209171	38.924	ng	86
17) 2-Methylphenol	7.22	107	125063	38.275	ng	# 94
18) Hexachloroethane	7.47	117	57786	36.346	ng	91
19) n-Nitroso-di-n-propylamine	7.37	70	98075	34.225	ng	94
20) 3+4-Methylphenols	7.37	107	148826	41.209	ng	# 72
22) Acetophenone	7.37	105	193010	36.744	ng	# 96
24) Nitrobenzene	7.55	77	156413	36.263	ng	98
25) Isophorone	7.78	82	298416	40.084	ng	97
26) 2-Nitrophenol	7.86	139	82604	40.568	ng	97
27) 2,4-Dimethylphenol	7.90	122	140572	44.665	ng	100
28) bis(2-Chloroethoxy)methane	7.98	93	188444	37.699	ng	98
29) 2,4-Dichlorophenol	8.11	162	137452	41.716	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	148897	41.021	ng	98
31) Naphthalene	8.27	128	425051	38.722	ng	99
32) Benzoic acid	8.02	122	73776	34.110	ng	94
33) 4-Chloroaniline	8.31	127	42569	9.242	ng	100
34) Hexachlorobutadiene	8.37	225	97046	41.031	ng	99
35) Caprolactam	8.70	113	46733m	43.510	ng	
36) 4-Chloro-3-methylphenol	8.81	107	145570	41.973	ng	99
37) 2-Methylnaphthalene	8.96	142	316275	43.469	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	164480	38.026	ng	# 97
40) Hexachlorocyclopentadiene	9.11	237	176446	79.287	ng	97

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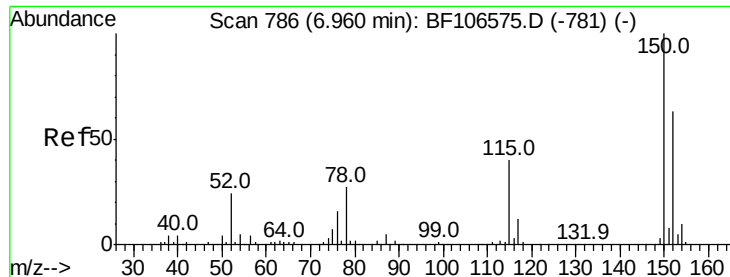
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Quant Time: Jun 22 18:10:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	104493	36.343	nq	94
43) 2,4,5-Trichlorophenol	9.29	196	109830m	36.608	nq	
45) 1,1'-Biphenyl	9.42	154	381705	37.291	nq	98
46) 2-Chloronaphthalene	9.45	162	284068	35.257	nq	96
47) 2-Nitroaniline	9.55	65	92138	34.007	nq	97
48) Acenaphthylene	9.87	152	459531	36.125	nq	99
49) Dimethylphthalate	9.72	163	352706	36.614	nq	98
50) 2,6-Dinitrotoluene	9.79	165	81676	40.040	nq	89
51) Acenaphthene	10.04	154	277444	34.636	nq	98
52) 3-Nitroaniline	9.96	138	31728	13.517	nq	96
53) 2,4-Dinitrophenol	10.07	184	73566	70.076	nq #	17
54) Dibenzofuran	10.21	168	426940	38.924	nq	96
55) 4-Nitrophenol	10.14	139	99695	60.847	nq	98
56) 2,4-Dinitrotoluene	10.20	165	109627	41.174	nq	91
57) Fluorene	10.55	166	334449	38.425	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	101871	42.715	nq #	78
59) Diethylphthalate	10.42	149	331846	35.692	nq #	93
60) 4-Chlorophenyl-phenylether	10.54	204	173820	38.167	nq #	85
61) 4-Nitroaniline	10.58	138	80791	34.681	nq	97
62) Azobenzene	10.70	77	326944	35.709	nq	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	59942	36.056	nq	75
65) n-Nitrosodiphenylamine	10.67	169	296057	32.728	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	123938	38.614	nq #	77
67) Hexachlorobenzene	11.10	284	132085	39.318	nq #	85
68) Atrazine	11.19	200	111445	38.754	nq	95
69) Pentachlorophenol	11.30	266	107376	64.059	nq	99
70) Phenanthrene	11.52	178	500917	38.616	nq	99
71) Anthracene	11.58	178	515509	38.935	nq	100
72) Carbazole	11.73	167	457381	36.897	nq	98
73) Di-n-butylphthalate	12.04	149	527315	36.108	nq	100
74) Fluoranthene	12.71	202	546135	38.198	nq	97
76) Benzidine	12.83	184	177617	31.835	nq	97
77) Pyrene	12.95	202	544655	42.161	nq	99
79) Butylbenzylphthalate	13.55	149	207388	39.045	nq #	97
80) Benzo(a)anthracene	14.14	228	459733	38.504	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	64772	15.435	nq #	94
82) Chrysene	14.18	228	422074	38.424	nq	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	276420	40.707	nq #	96
84) Di-n-octyl phthalate	14.74	149	412532	37.270	nq	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	420179	45.075	nq #	90
87) Benzo(b)fluoranthene	15.24	252	387345	37.489	nq #	96
88) Benzo(k)fluoranthene	15.27	252	365742	37.171	nq #	95
89) Benzo(a)pyrene	15.62	252	368136	40.079	nq #	96
90) Dibenzo(a,h)anthracene	17.28	278	342890	44.049	nq #	93
91) Benzo(g,h,i)perylene	17.75	276	361196	47.472	nq #	90

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



#1

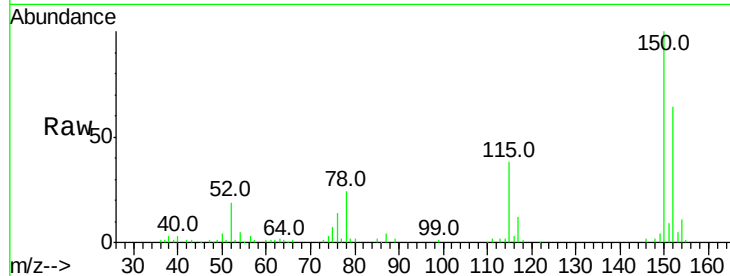
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampled :
PB110459BSD

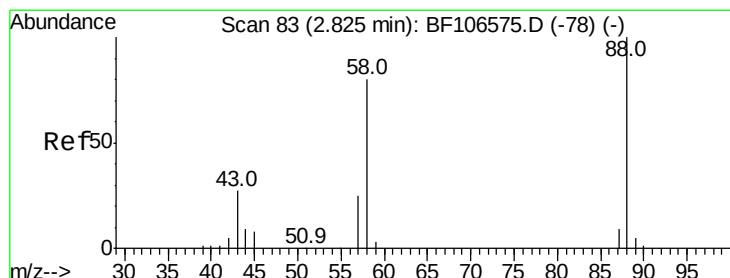
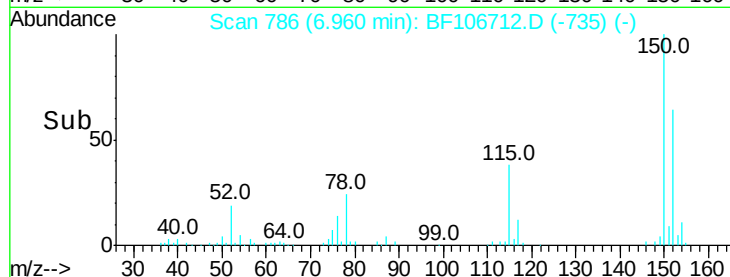
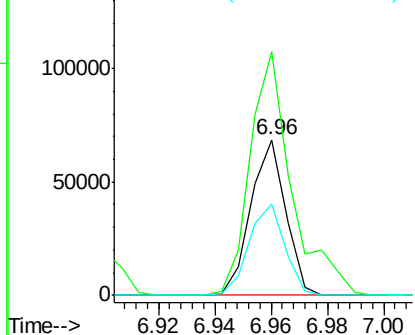
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	58.8	50.1	75.1

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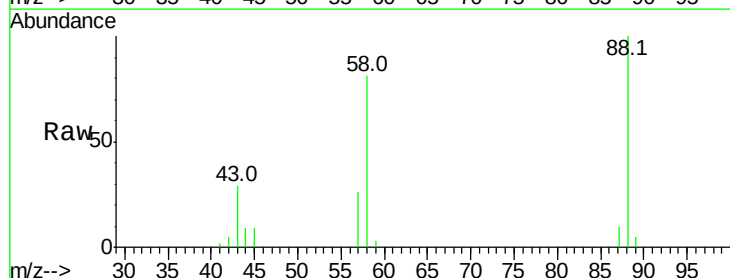
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



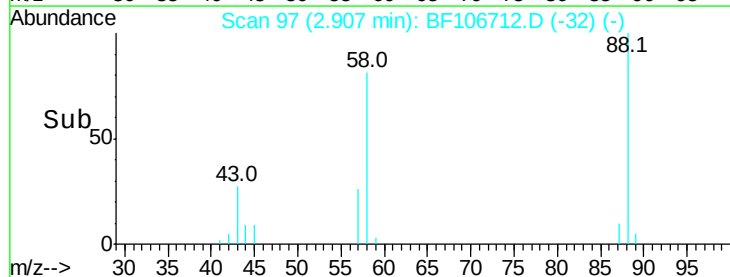
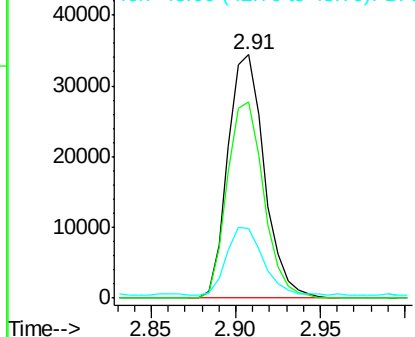
#2

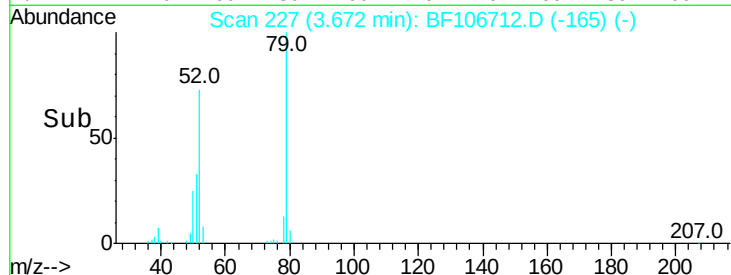
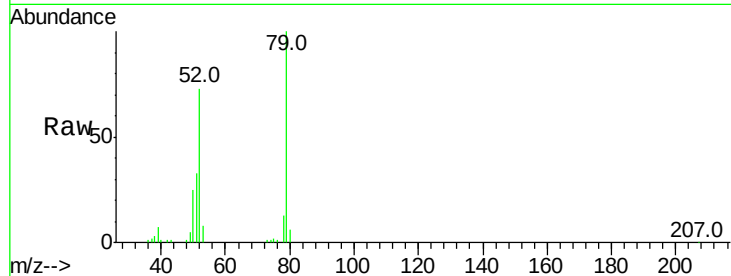
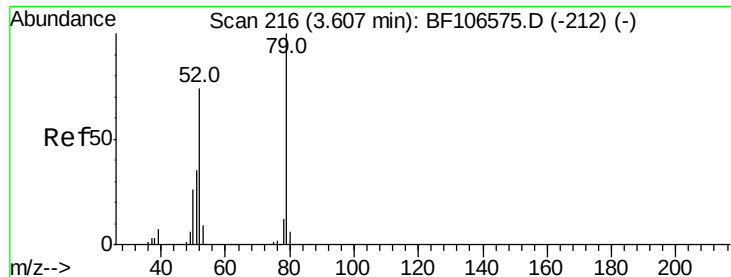
1,4-Dioxane
Concen: 28.947 ng
RT: 2.91 min Scan# 97
Delta R.T. 0.08 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.3	62.6	93.8
43	27.8	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





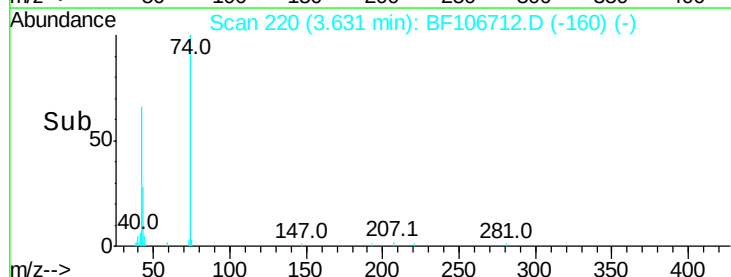
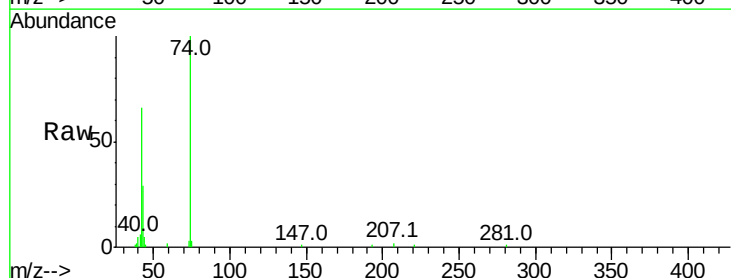
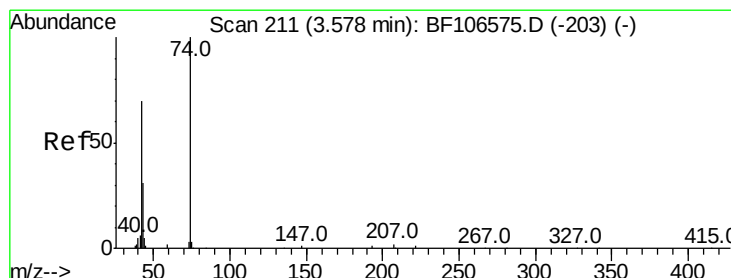
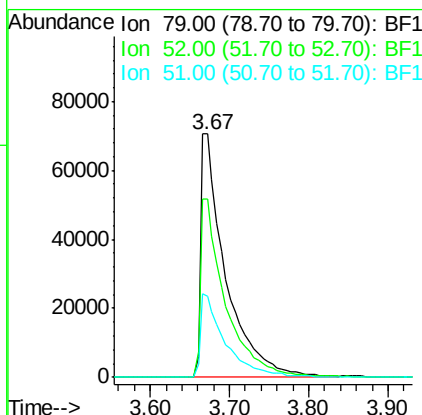
#3
 Pvridine
 Concen: 31.806 ng
 RT: 3.67 min Scan# 227
 Delta R.T. 0.06 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	73.2	59.8	89.6	
51	33.2	29.8	44.8	

Instrument :
 BNA_F
 ClientSampleId :
 PB110459BSD

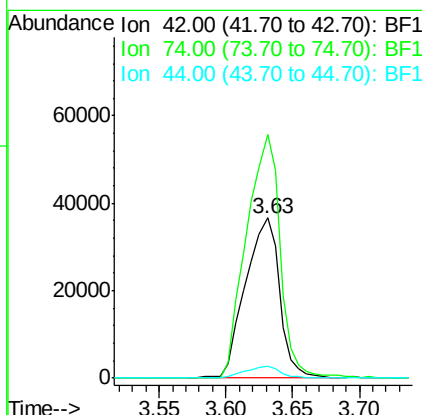
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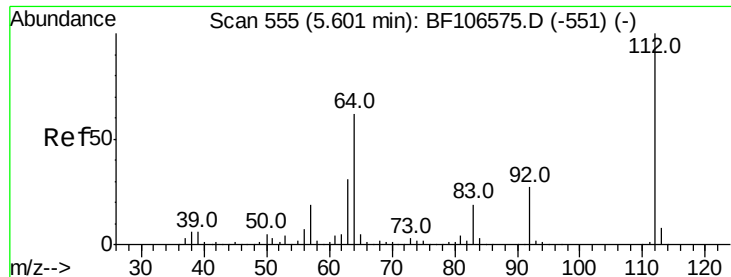
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#4
 n-Nitrosodimethylamine
 Concen: 31.423 ng
 RT: 3.63 min Scan# 220
 Delta R.T. 0.05 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	152.3	104.9	157.3	
44	7.4	6.9	10.3	





#5

2-Fluorophenol

Concen: 106.494 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

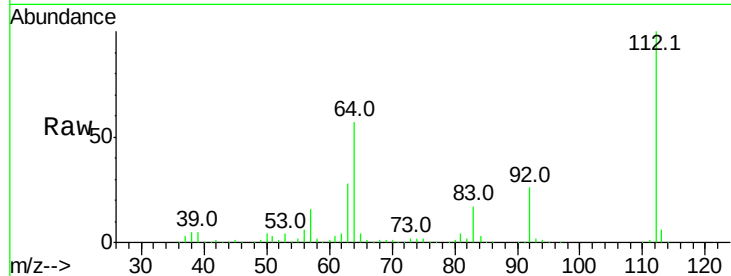
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PB110459BSD

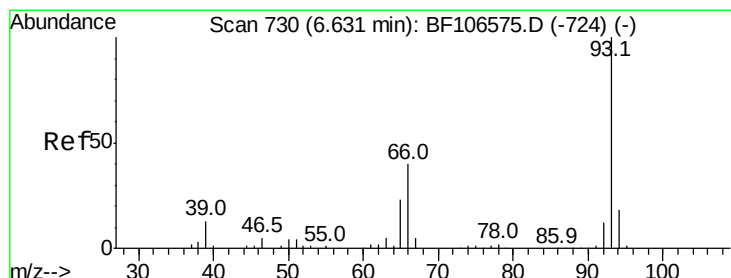
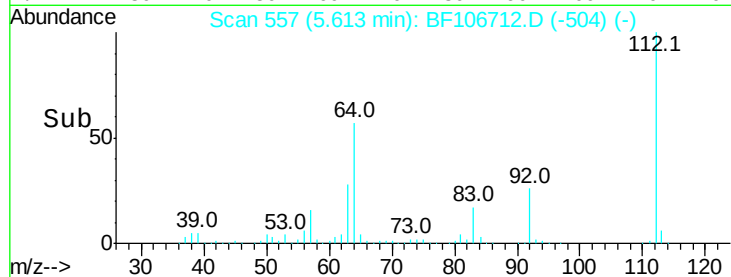
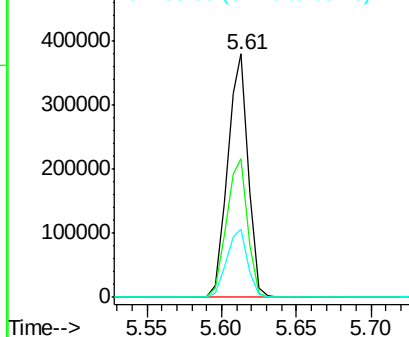
Tot Ion:	112	Resp:	370722
Ion Ratio	Lower	Upper	
112	100		
64	56.9	47.9	71.9
63	28.2	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.207 ng

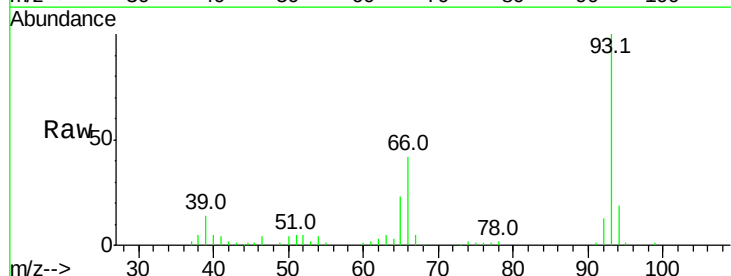
RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

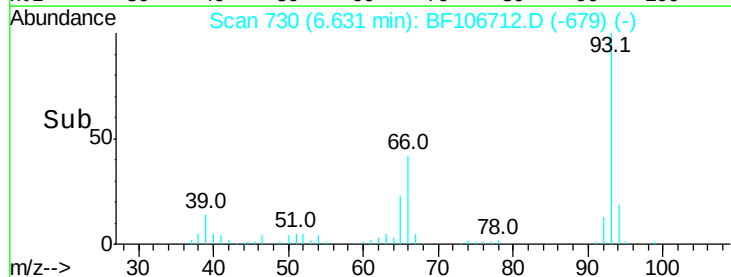
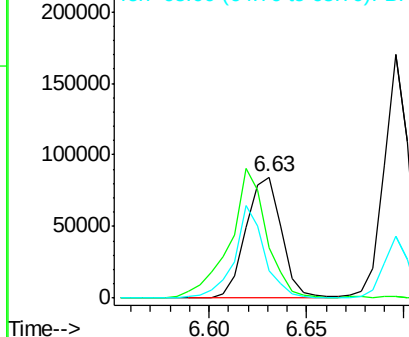
Lab File: BF106712.D

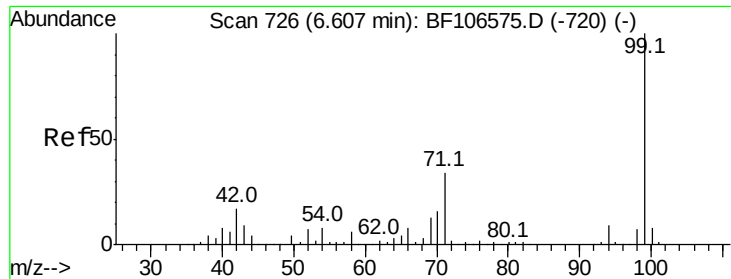
Acq: 22 Jun 2018 17:04

Tgt Ion:	93	Resp:	107366
Ion Ratio	Lower	Upper	
93	100		
66	41.6	32.2	48.2
65	22.6	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.797 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

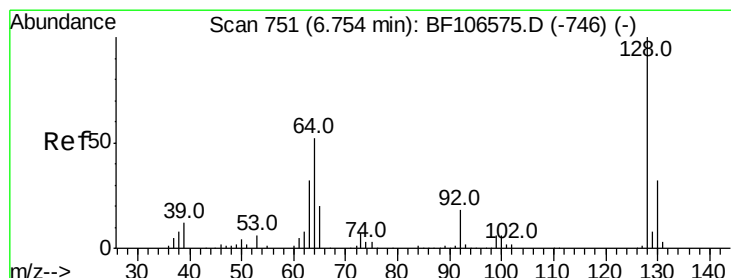
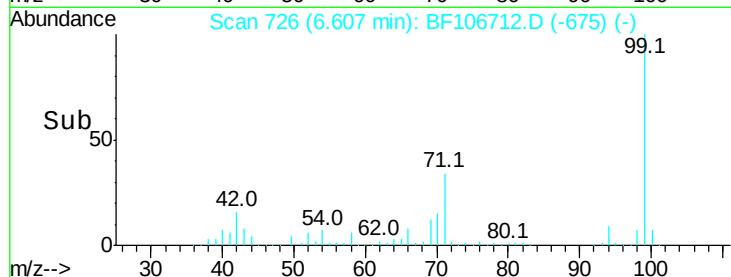
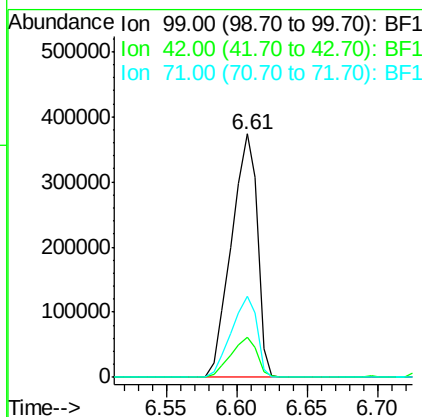
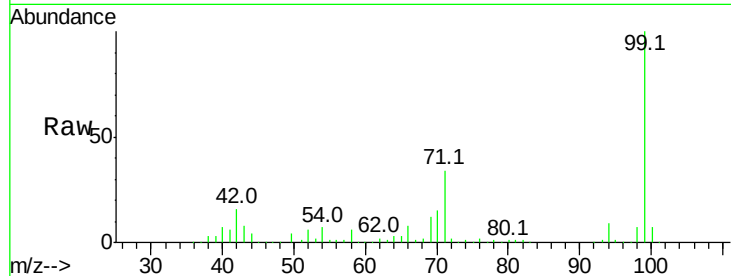
ClientSampleId :

PB110459BSD

Tot Ion:	99	Resp:	477320
Ion Ratio	Lower	Upper	
99	100		
42	16.4	14.5	21.7
71	33.5	25.4	38.0

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#8

2-Chlorophenol

Concen: 37.153 ng

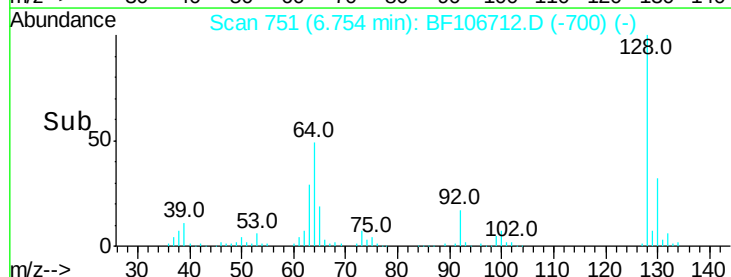
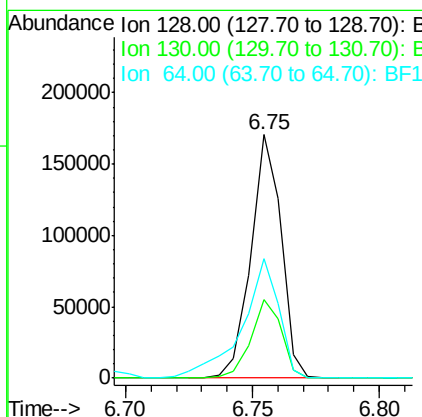
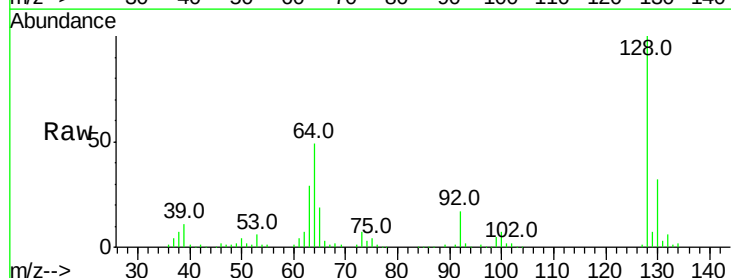
RT: 6.75 min Scan# 751

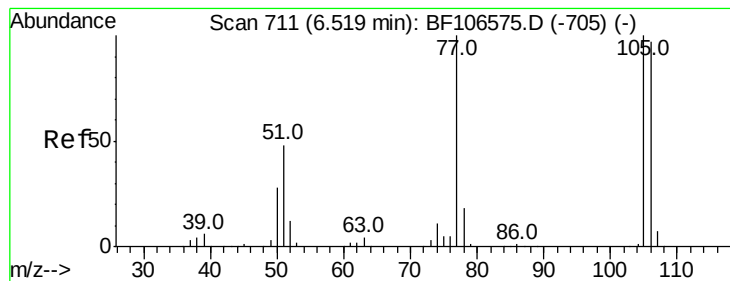
Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Tgt Ion:	128	Resp:	141858
Ion Ratio	Lower	Upper	
128	100		
130	32.0	13.0	53.0
64	48.8	29.4	69.4





#9

Benzaldehyde

Concen: 21.298 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

ClientSampleID :

PB110459BSD

Tot Ion: 77 Resp: 71570

Ion Ratio Lower Upper

77 100

105 101.4 81.1 121.1

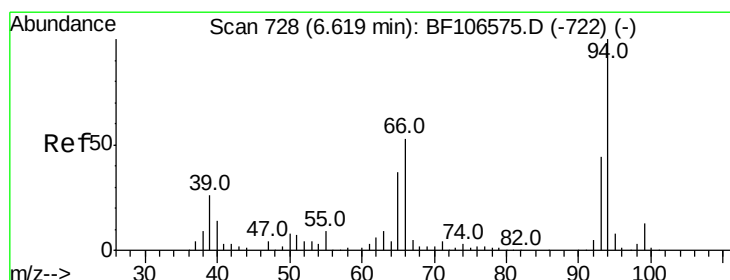
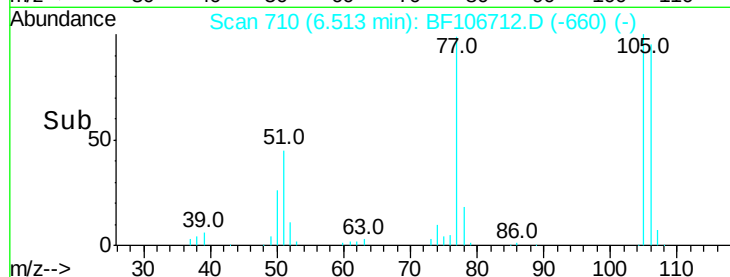
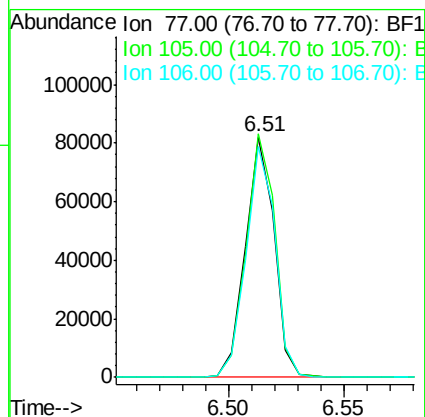
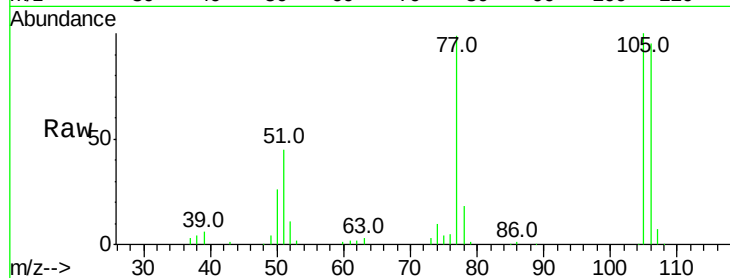
106 96.0 74.5 114.5

Manual Integrations

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#10

Phenol

Concen: 34.270 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

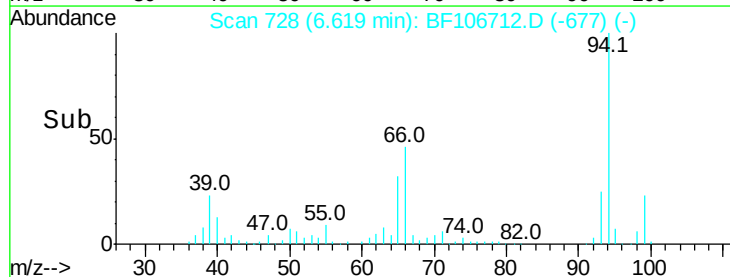
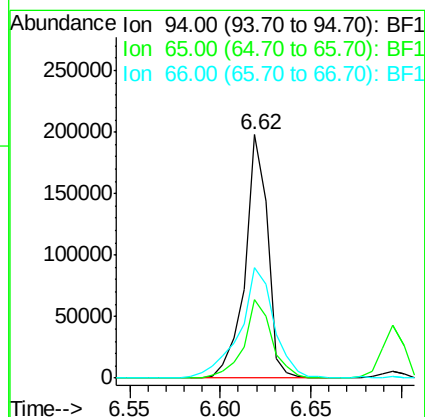
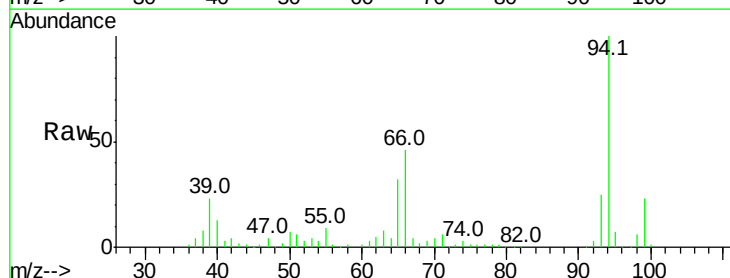
Tgt Ion: 94 Resp: 170021

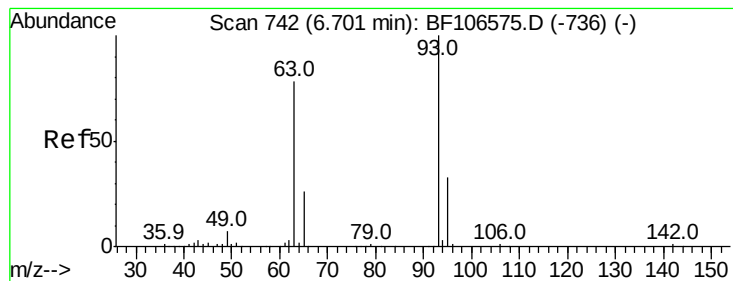
Ion Ratio Lower Upper

94 100

65 32.5 7.9 47.9

66 45.6 16.2 56.2





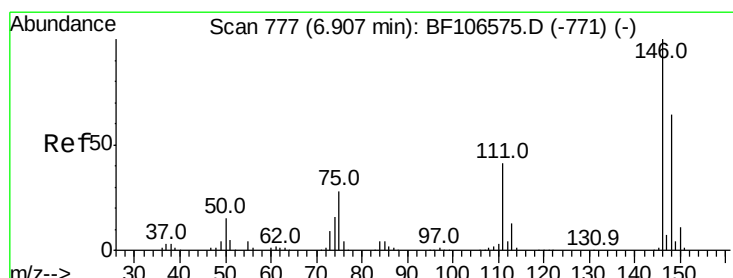
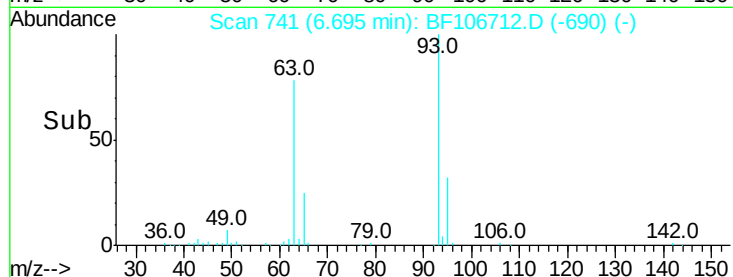
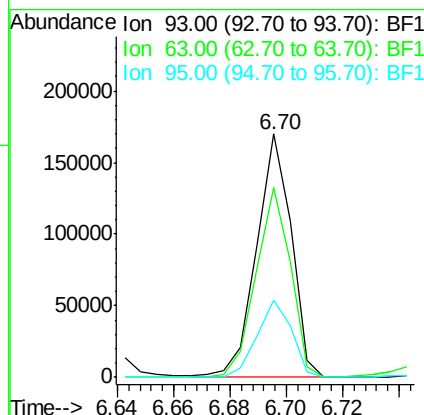
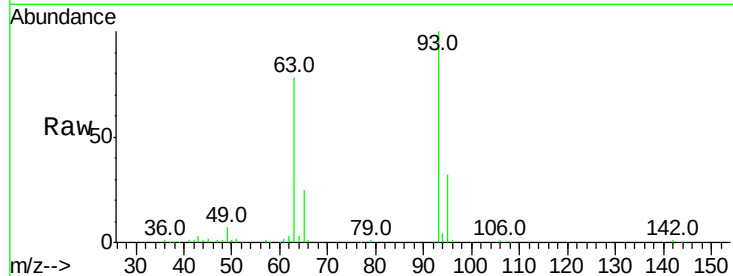
#11
bis(2-Chloroethyl)ether
Concen: 35.508 ng
RT: 6.70 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.0	58.6	98.6
95	31.7	11.8	51.8

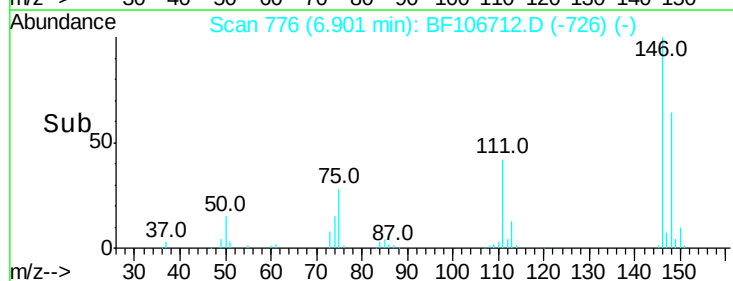
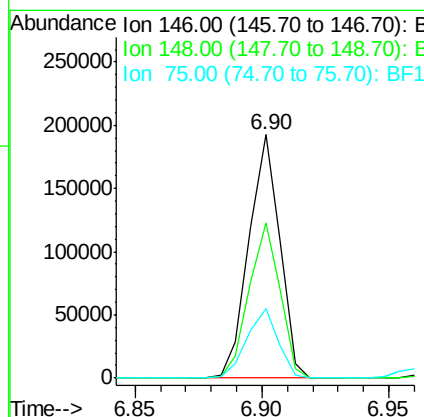
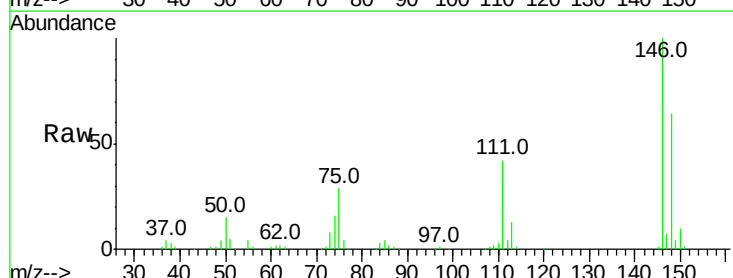
Manual Integrations
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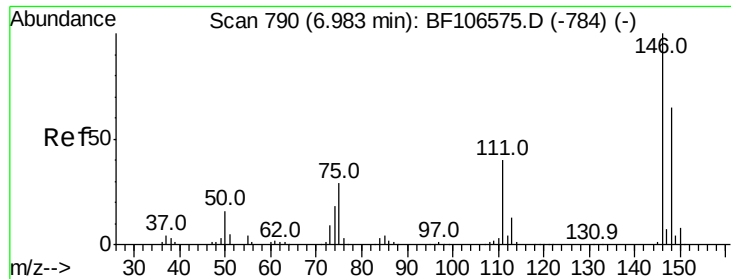
Sohil
6/25/2018 5:16:48 PM



#12
1,3-Dichlorobenzene
Concen: 36.633 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
75	28.8	24.2	36.4





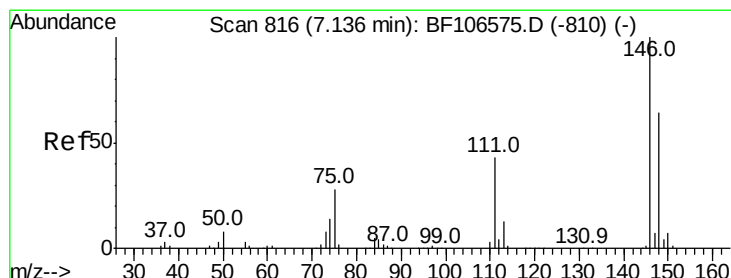
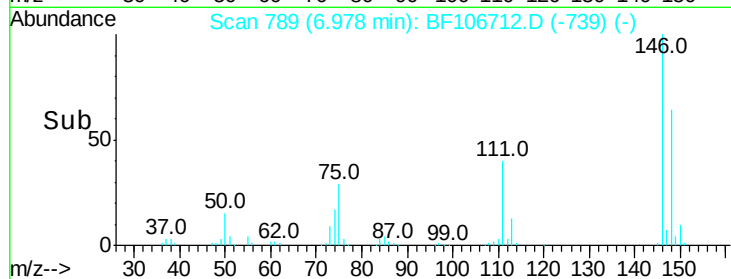
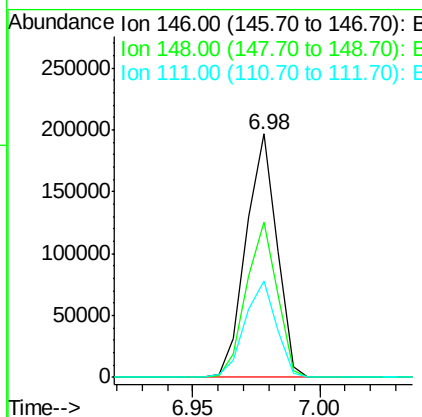
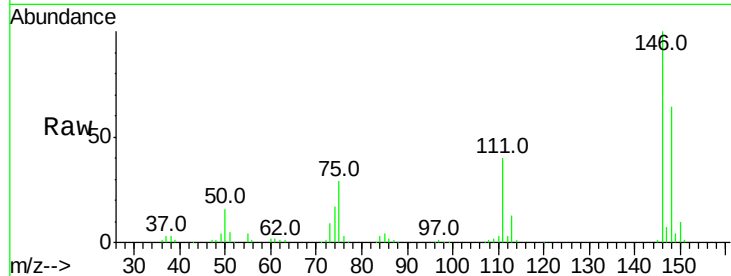
#13
 1,4-Dichlorobenzene
 Concen: 36.719 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Instrument :
 BNA_F
 ClientSampled :
 PB110459BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	39.9	34.2	51.2

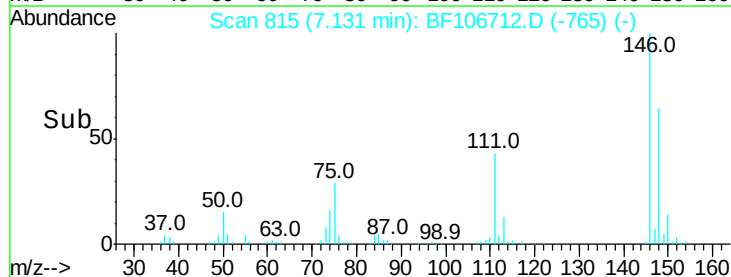
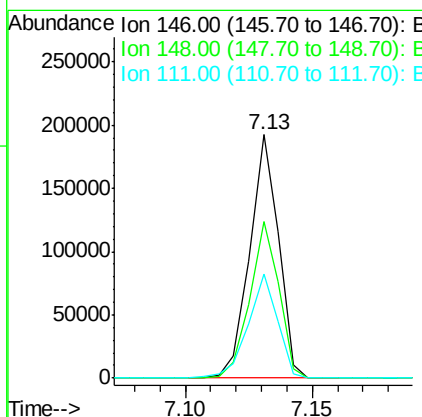
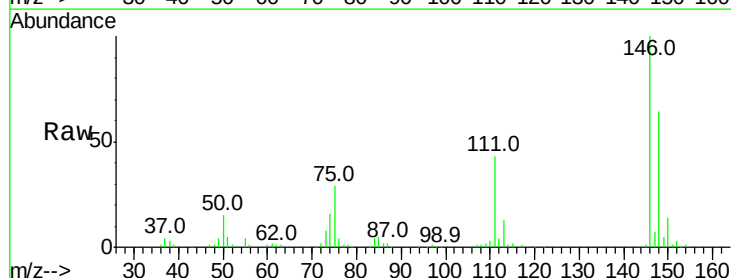
Manual Integrations
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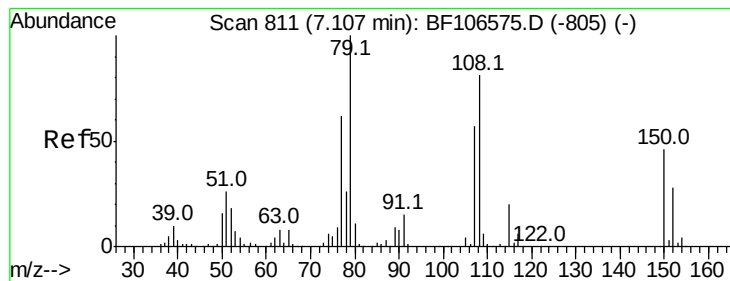
Sohil
 6/25/2018 5:16:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.756 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	42.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 36.565 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

ClientSampleId :

PB110459BSD

Tot Ion: 79 Resp: 127637

Ion Ratio Lower Upper

79 100

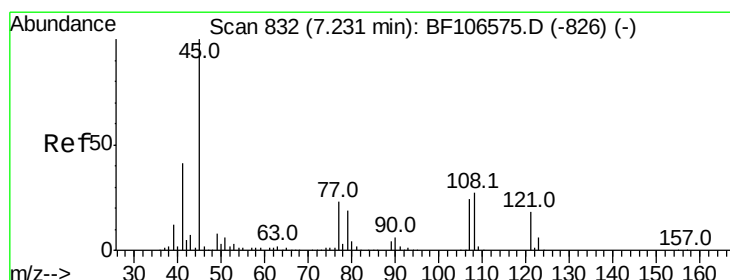
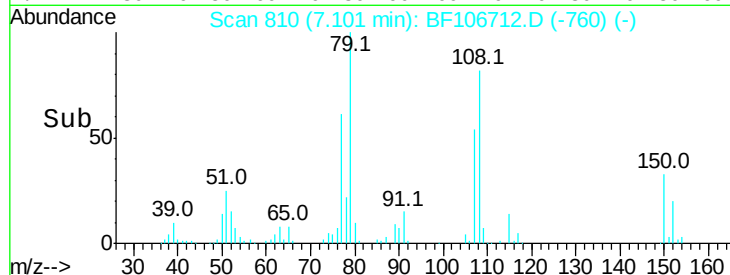
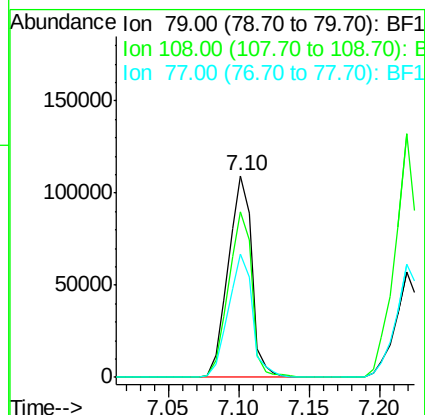
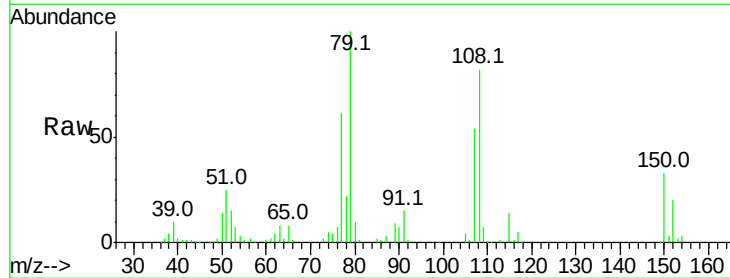
108 82.3 65.1 97.7

77 61.4 50.6 75.8

Manual Integrations
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Sohil

6/25/2018 5:16:48 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.924 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

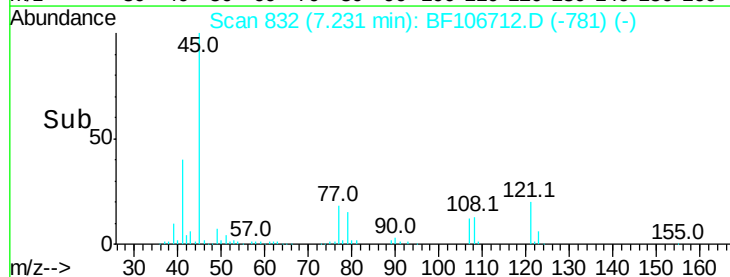
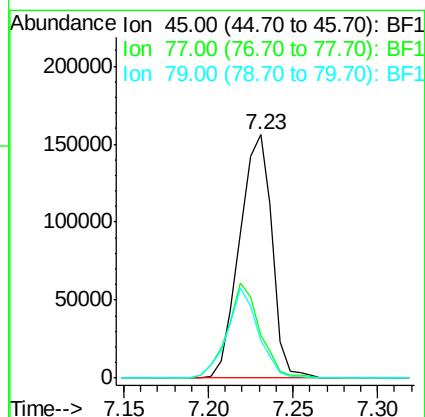
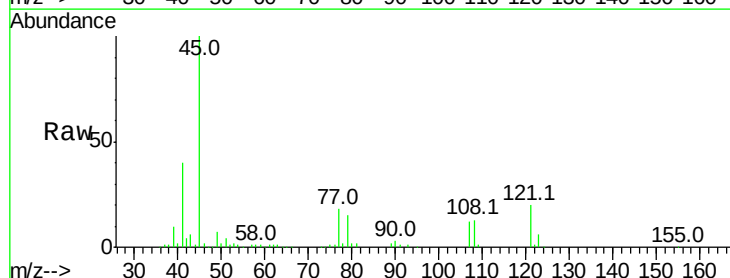
Tgt Ion: 45 Resp: 209171

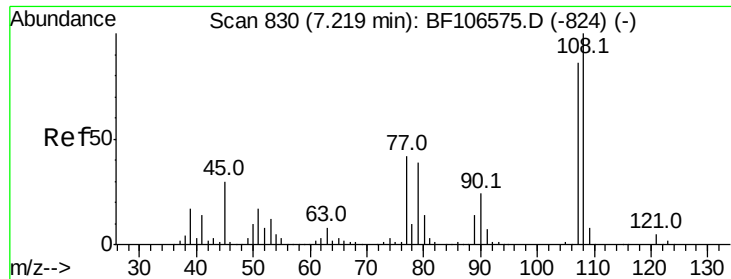
Ion Ratio Lower Upper

45 100

77 17.7 0.0 32.9

79 15.3 0.0 29.6





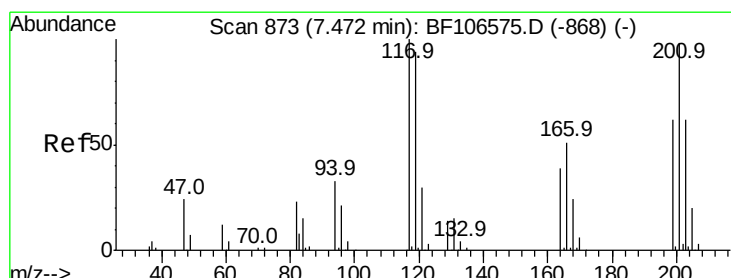
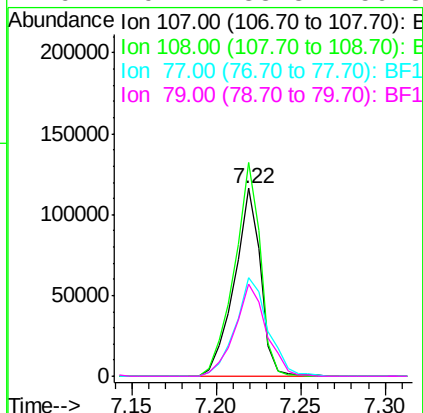
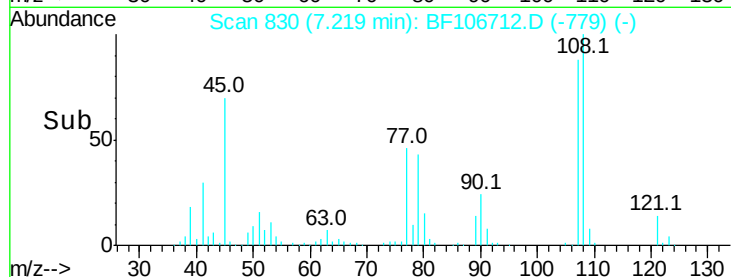
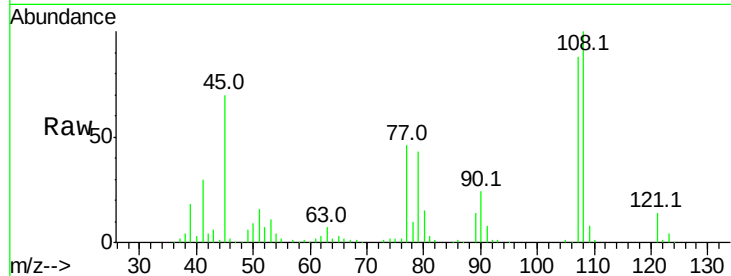
#17
2-Methylphenol
Concen: 38.275 ng
RT: 7.22 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.7	137.5
77	52.7	33.8	50.8#
79	49.4	33.8	50.8

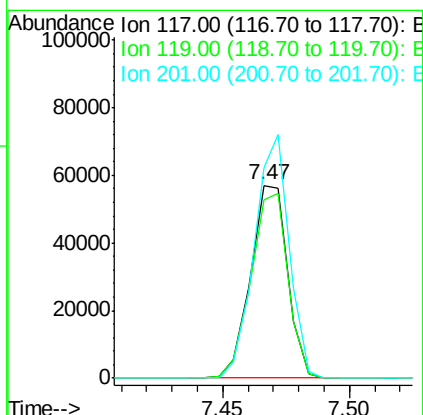
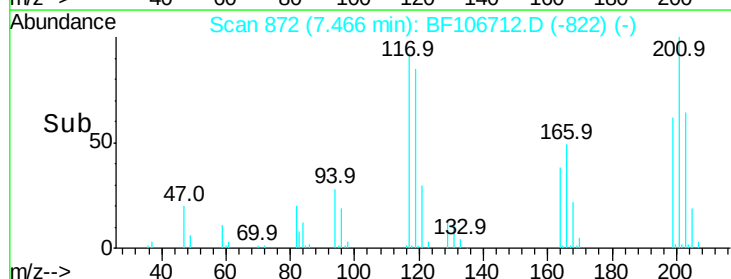
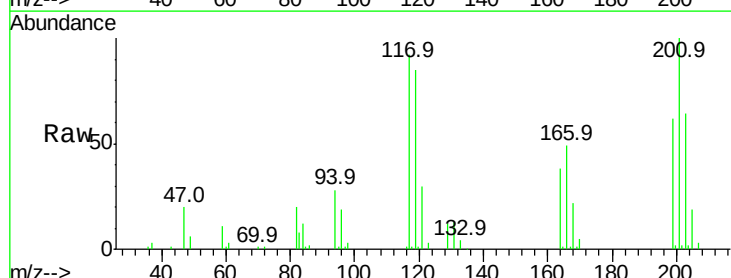
Manual Integrations
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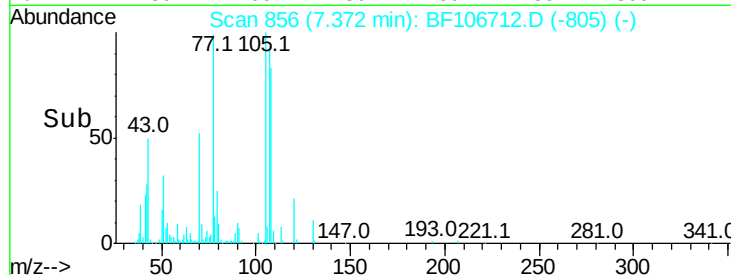
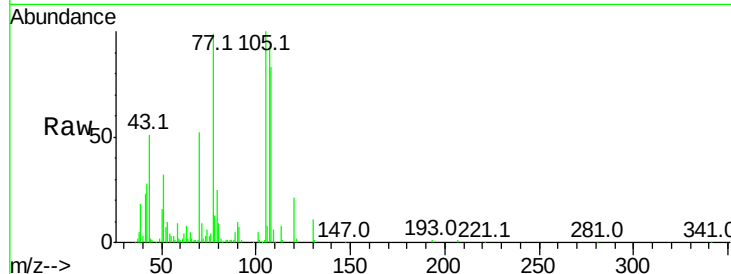
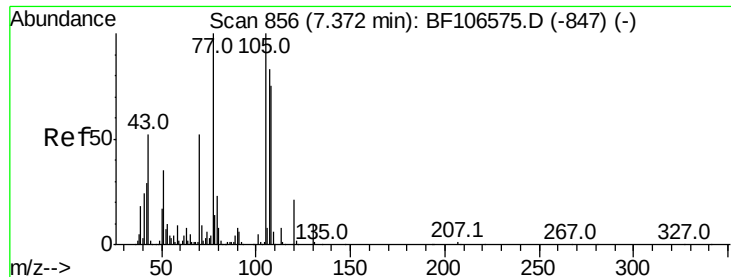
Sohil
6/25/2018 5:16:48 PM



#18
Hexachloroethane
Concen: 36.346 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.8	113.8
201	109.2	75.7	113.5





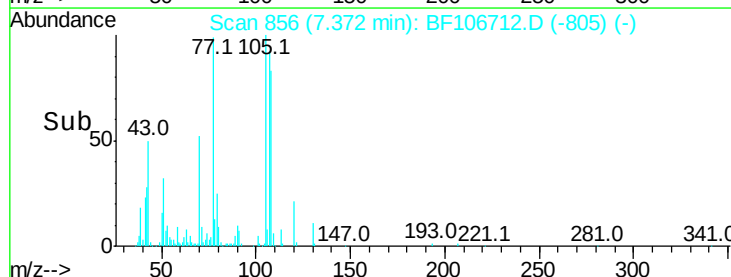
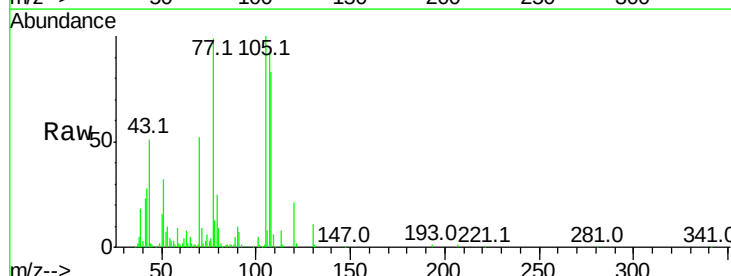
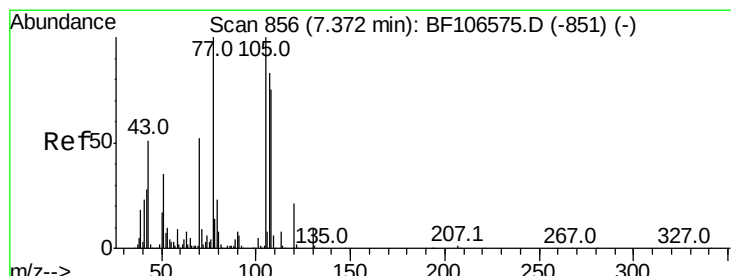
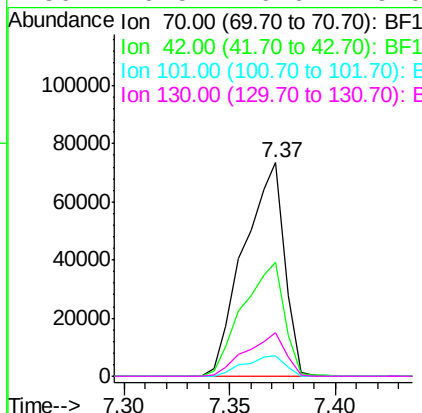
#19
n-Nitroso-di-n-propylamine
Concen: 34.225 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Manual Integrations
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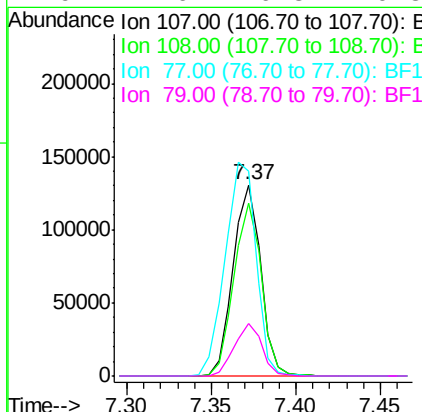
Sohil
6/25/2018 5:16:48 PM

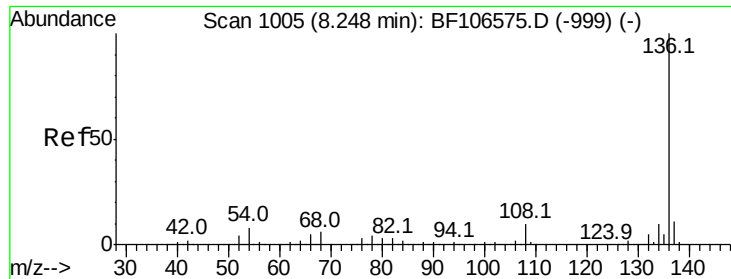
Tot Ion	70	Resp	98075
Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.5	71.3
101	9.9	7.4	11.2
130	20.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.209 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	107	Resp	148826
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	107.3	26.7	66.7#
79	27.6	6.3	46.3





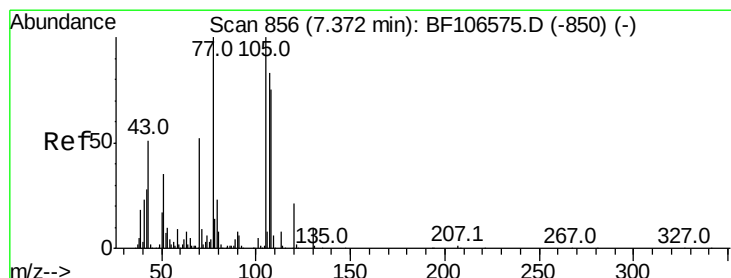
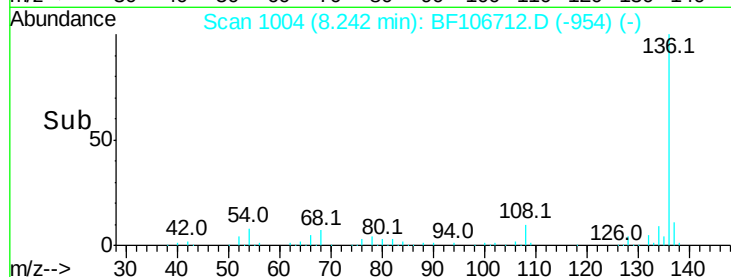
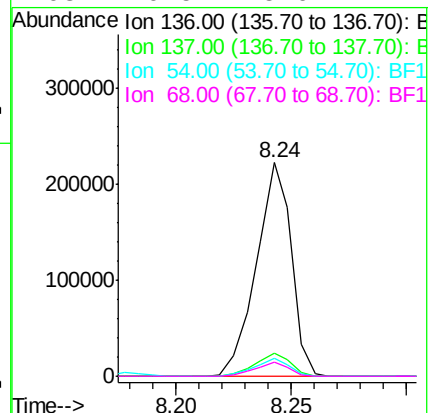
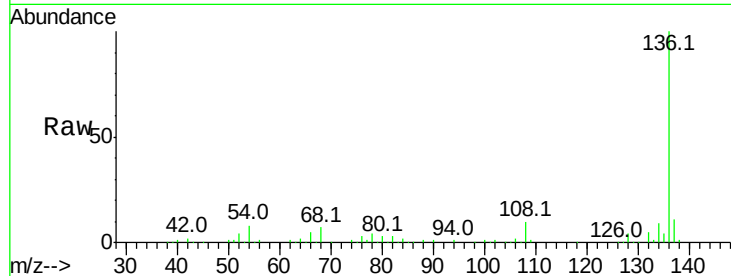
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	8.4	6.6	9.8	
68	6.5	5.0	7.4	

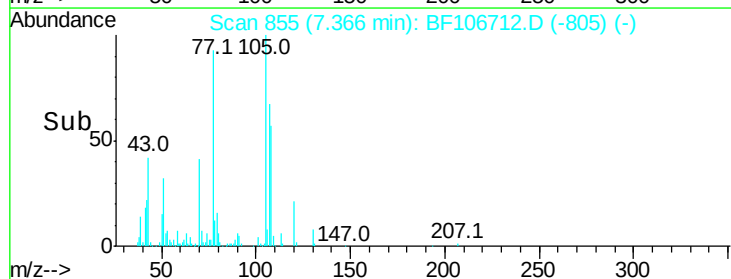
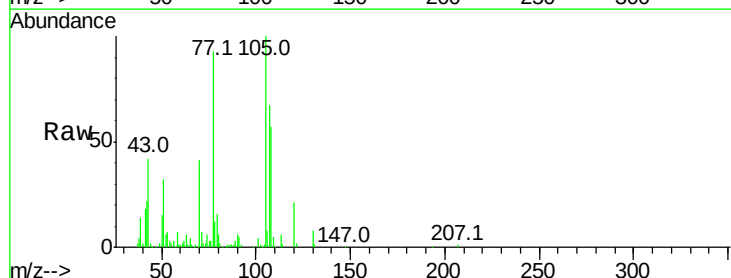
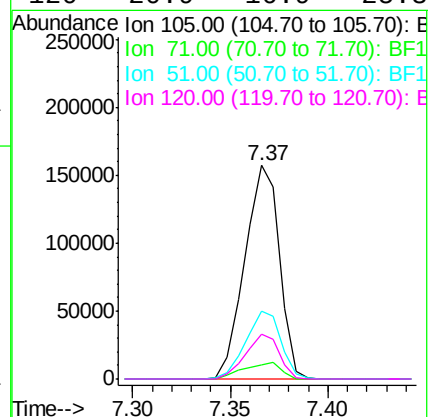
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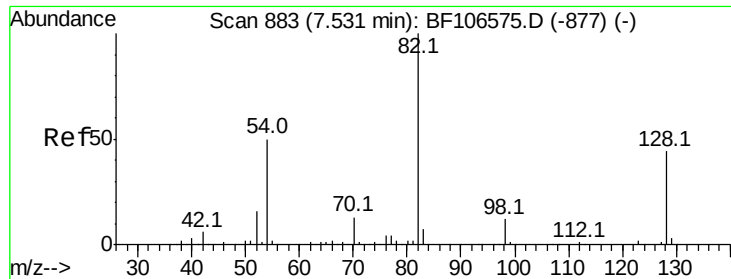
Sohil
6/25/2018 5:16:48 PM



#22
Acetophenone
Concen: 36.744 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.9	4.4	6.6#	
51	31.8	22.3	33.5	
120	20.9	16.9	25.3	





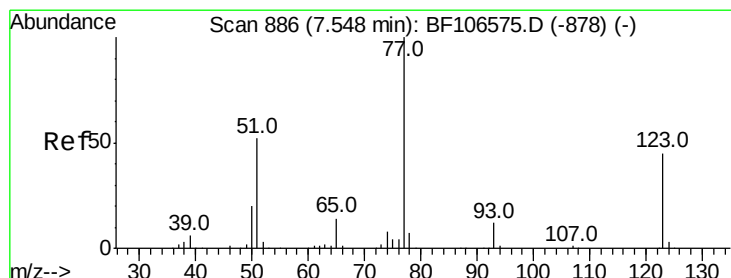
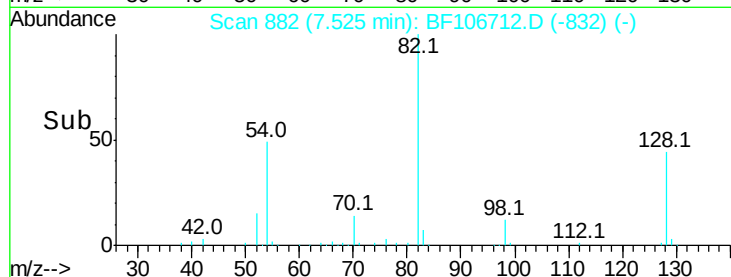
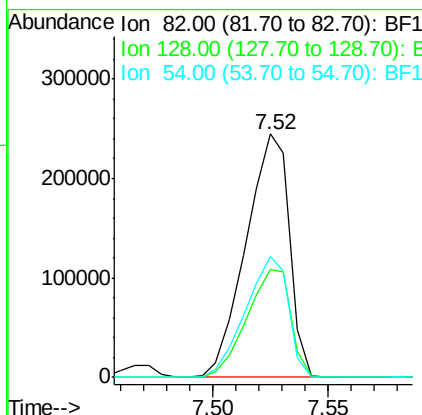
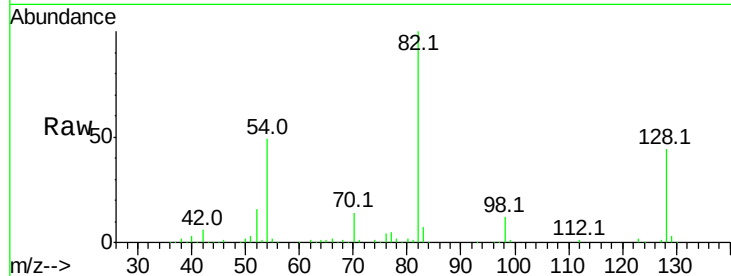
#23
 Nitrobenzene-d5
 Concen: 75.800 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110459BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	49.4	41.4	62.2

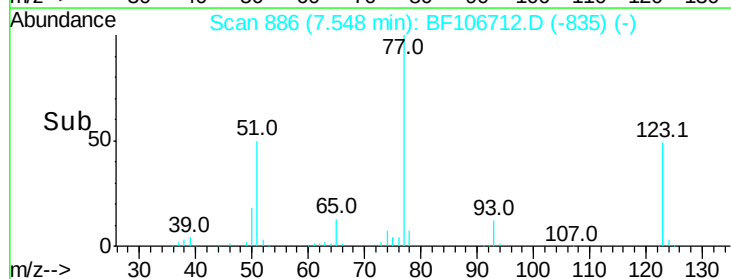
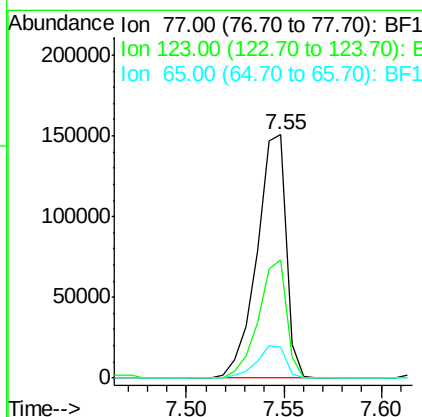
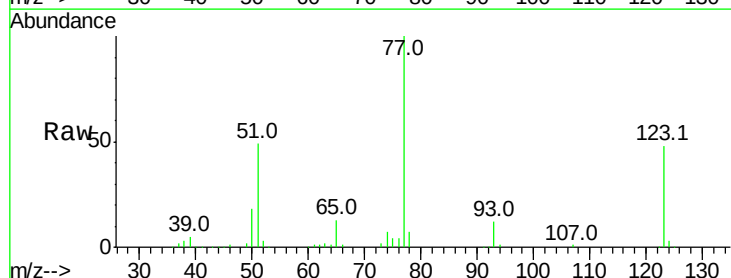
Manual Integrations
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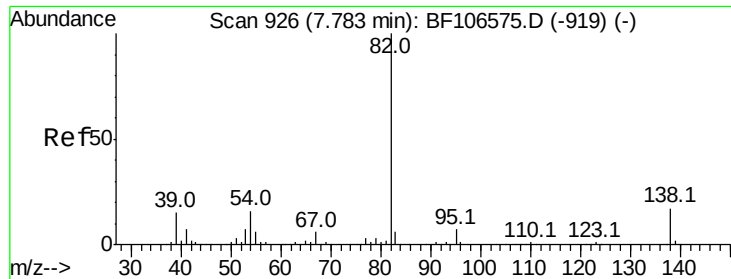
Sohil
 6/25/2018 5:16:48 PM



#24
 Nitrobenzene
 Concen: 36.263 ng
 RT: 7.55 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.9	56.9
65	12.8	11.0	16.4





#25

Isophorone

Concen: 40.084 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

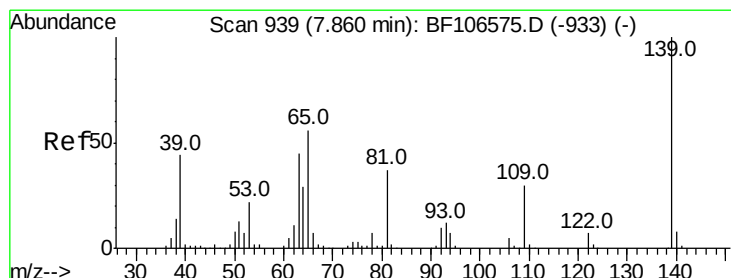
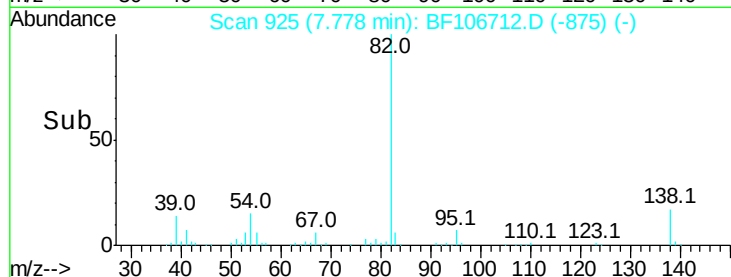
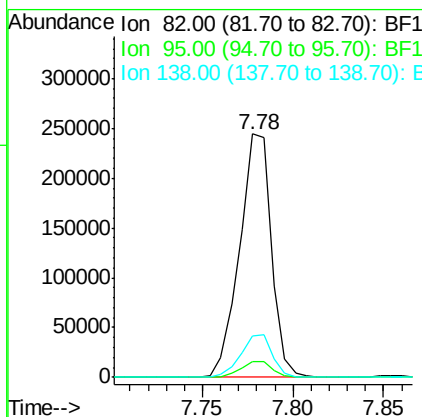
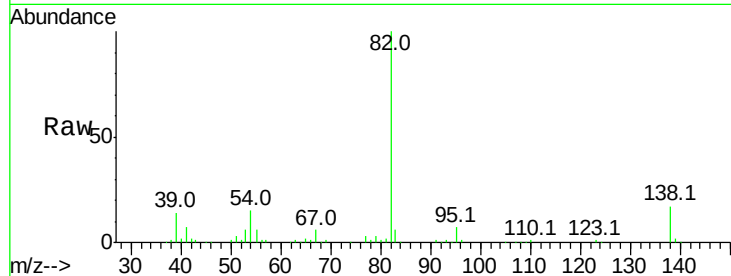
ClientSampleId :

PB110459BSD

Tot Ion:	82	Resp:	298416
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.2	7.8
138	17.0	14.9	22.3

Manual Integrations
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6/25/2018 5:16:48 PM



#26

2-Nitrophenol

Concen: 40.568 ng

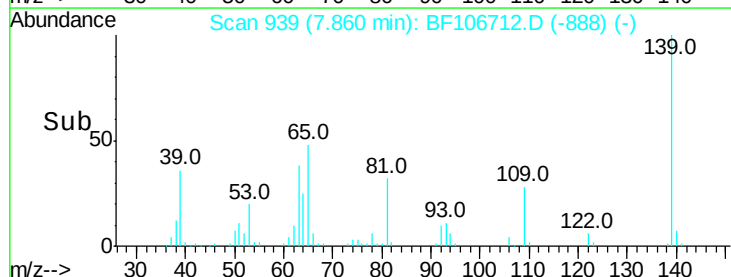
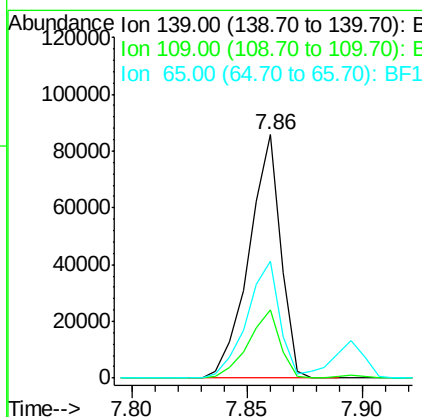
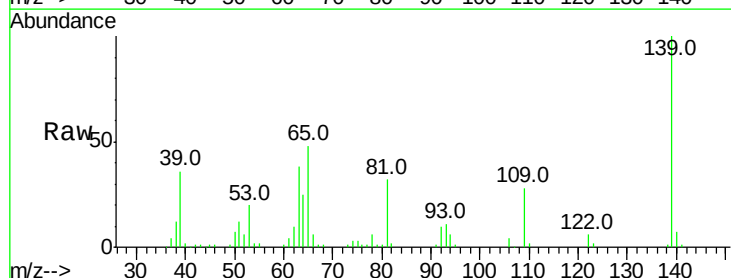
RT: 7.86 min Scan# 939

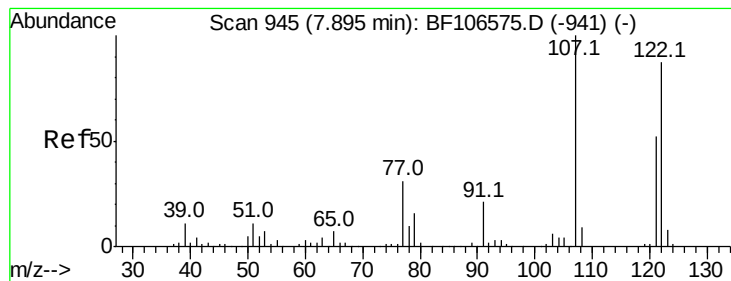
Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Tgt Ion:	139	Resp:	82604
Ion Ratio		Lower	Upper
139	100		
109	28.2	22.7	34.1
65	47.9	40.5	60.7





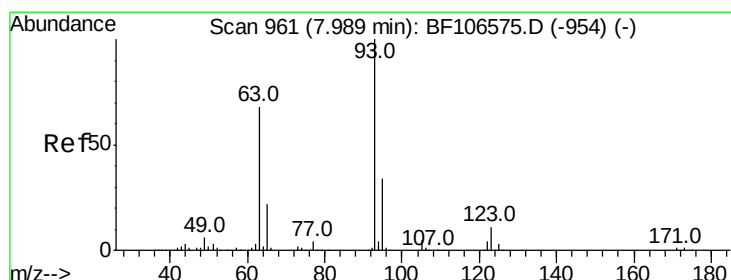
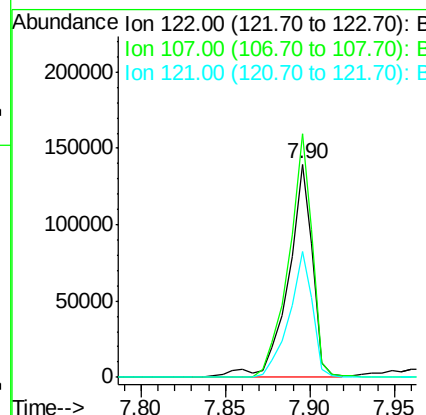
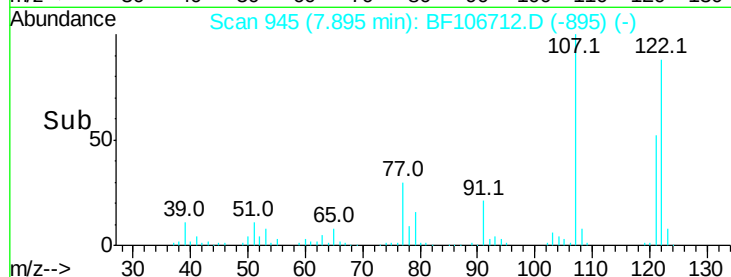
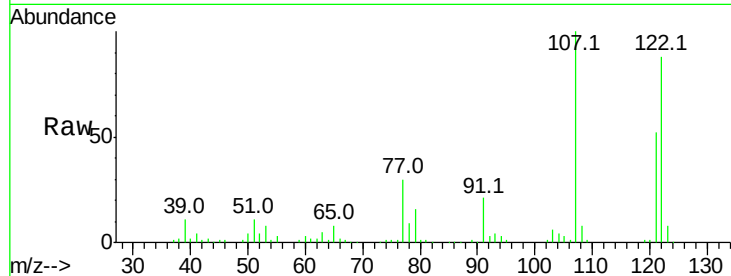
#27
 2,4-Dimethylphenol
 Concen: 44.665 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110459BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		140572		
107	114.1	91.2	136.8		
121	58.8	47.2	70.8		

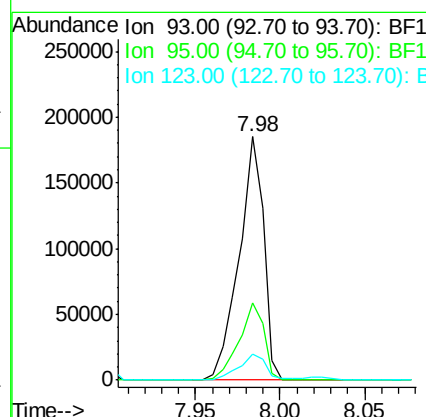
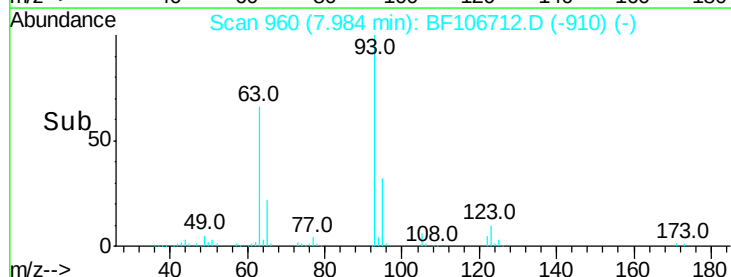
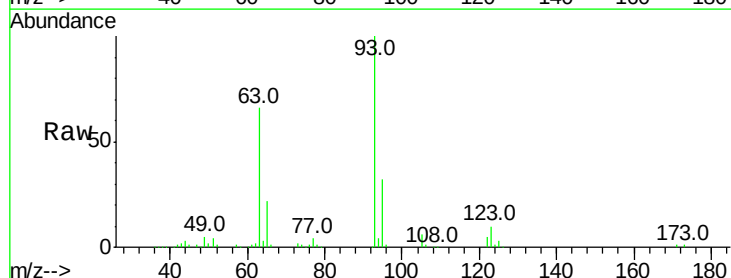
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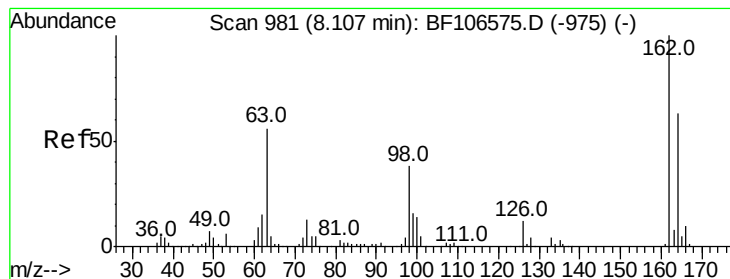
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.699 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		188444		
95	31.9	26.3	39.5		
123	10.5	9.8	14.6		





#29

2,4-Dichlorophenol

Concen: 41.716 ng

RT: 8.11 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

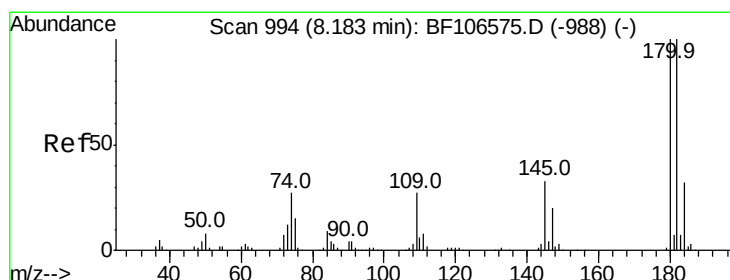
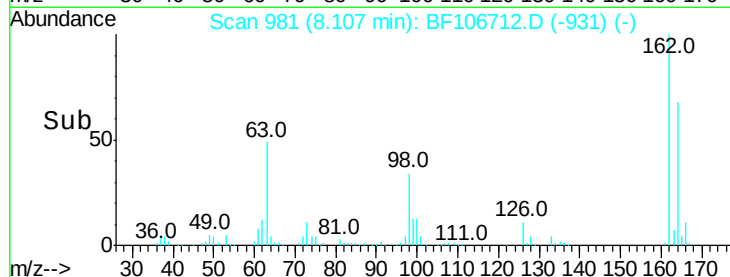
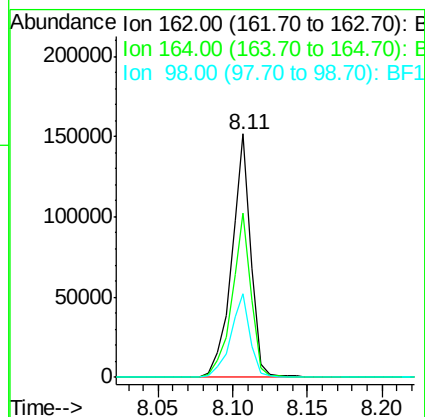
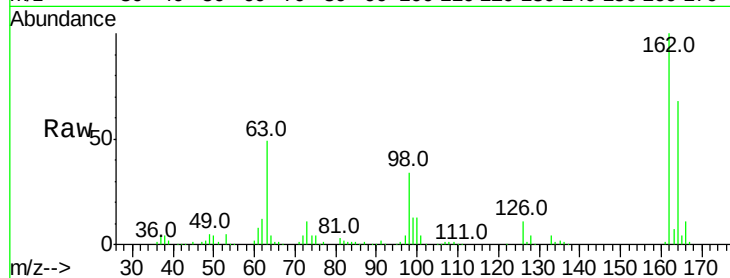
ClientSampleId :

PB110459BSD

Tot Ion:	162	Resp:	137452
Ion Ratio	Lower	Upper	
162	100		
164	67.6	42.7	82.7
98	34.1	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 41.021 ng

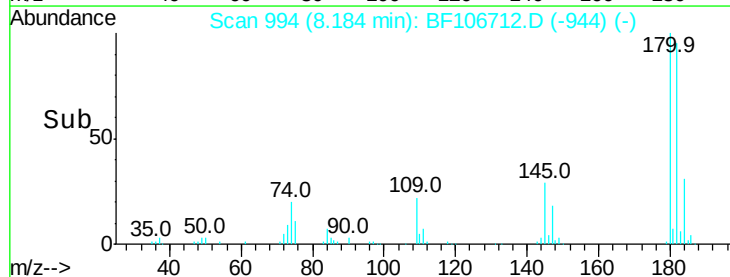
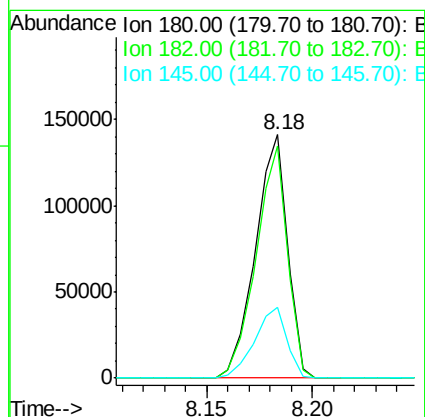
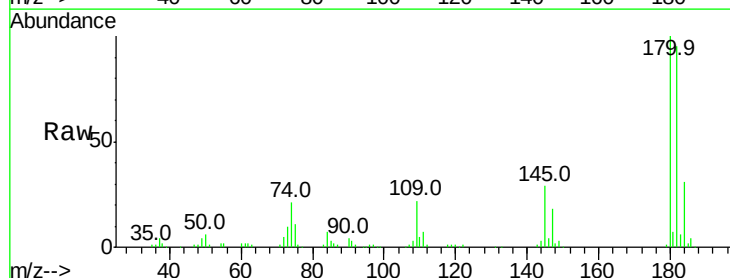
RT: 8.18 min Scan# 994

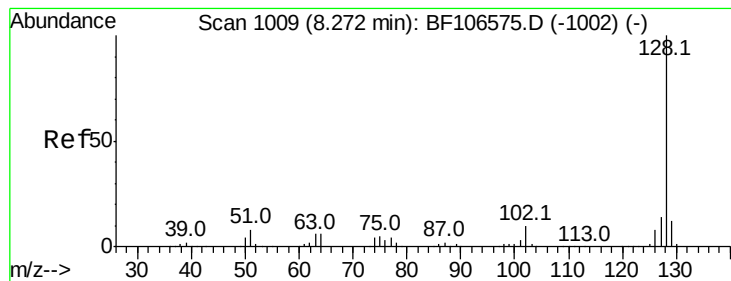
Delta R.T. -0.01 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Tgt Ion:	180	Resp:	148897
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.8	115.2
145	29.2	26.5	39.7





#31

Naphthalene

Concen: 38.722 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

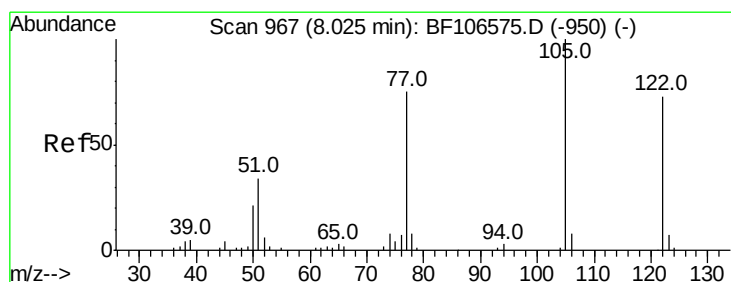
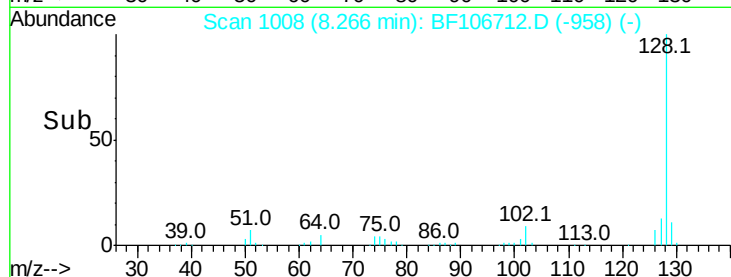
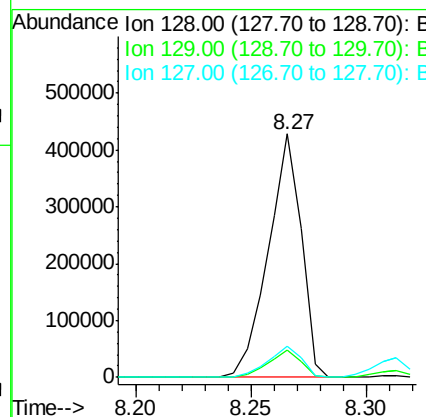
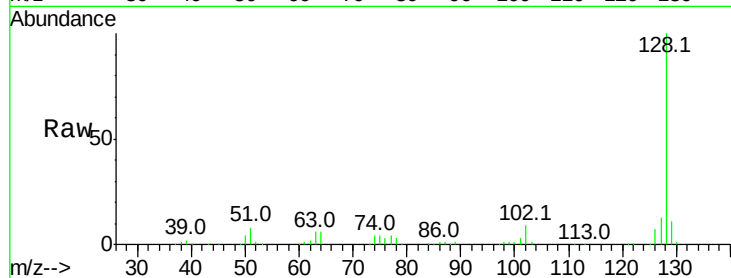
ClientSampleId :

PB110459BSD

Tot Ion:	128	Resp:	425051
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.0	10.9	16.3

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#32

Benzoic acid

Concen: 34.110 ng

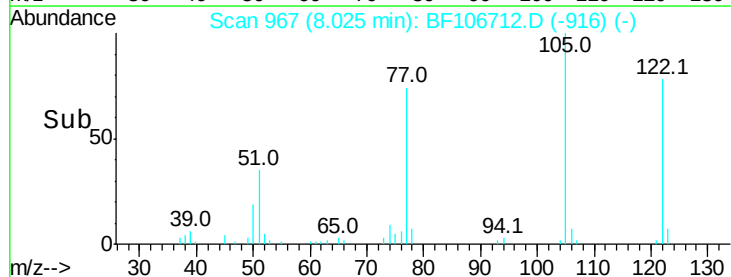
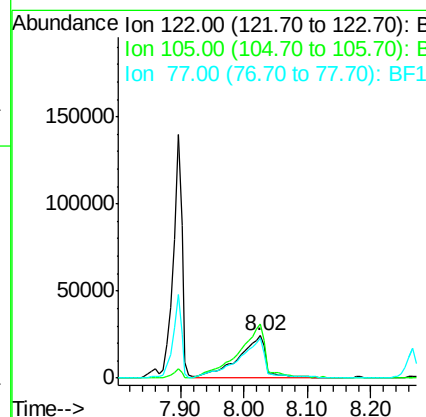
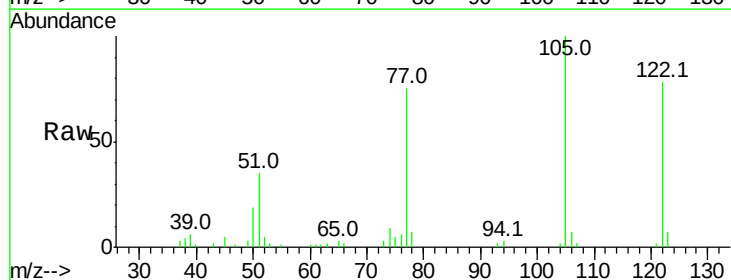
RT: 8.02 min Scan# 967

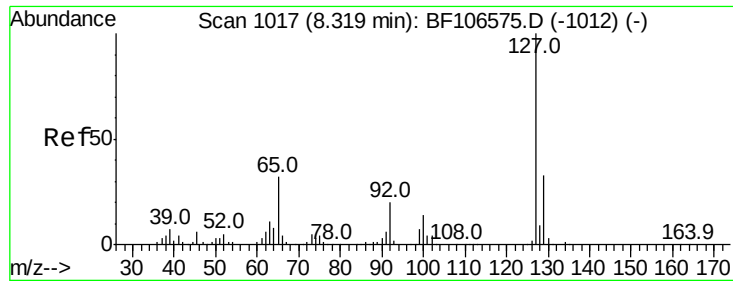
Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Tgt Ion:	122	Resp:	73776
Ion Ratio	Lower	Upper	
122	100		
105	128.1	101.1	141.1
77	96.4	70.7	110.7





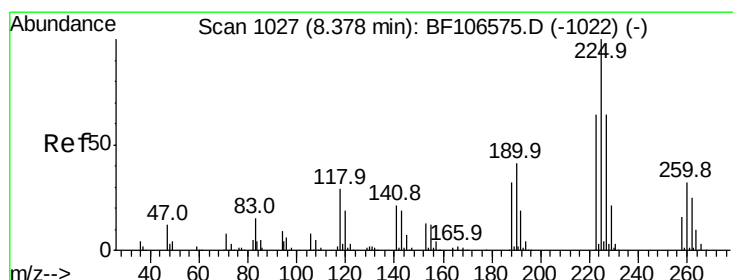
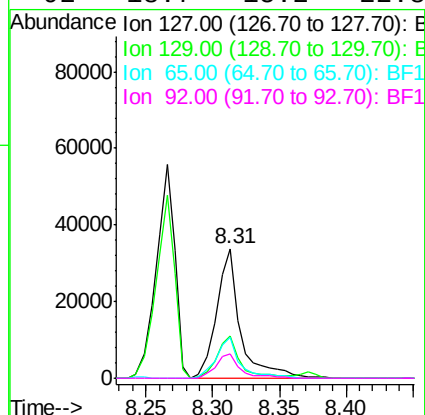
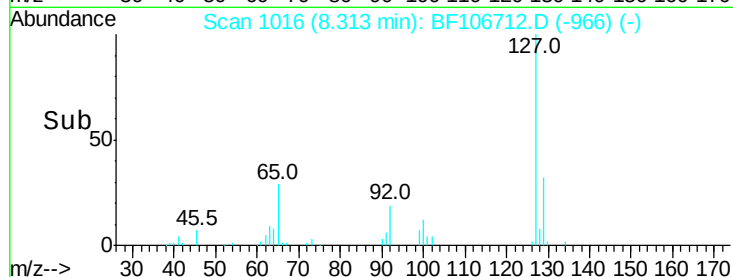
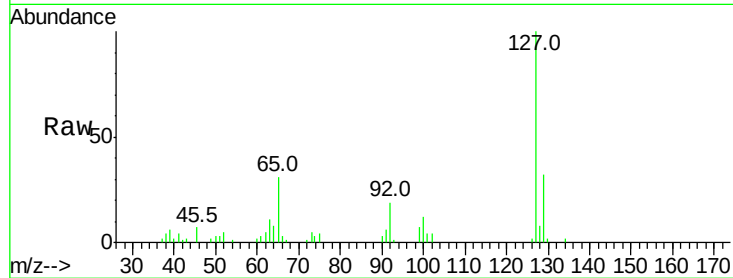
#33
4-Chloroaniline
Concen: 9.242 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Tot Ion:	127	Resp:	42569
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.9	38.9
65	31.2	25.0	37.4
92	18.7	15.2	22.8

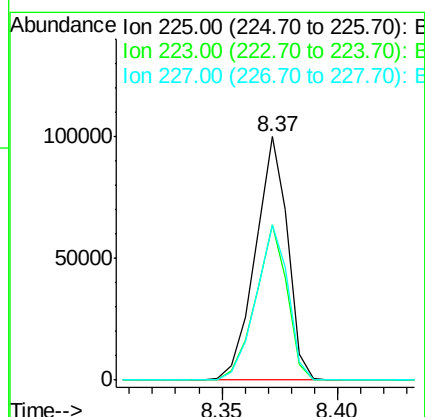
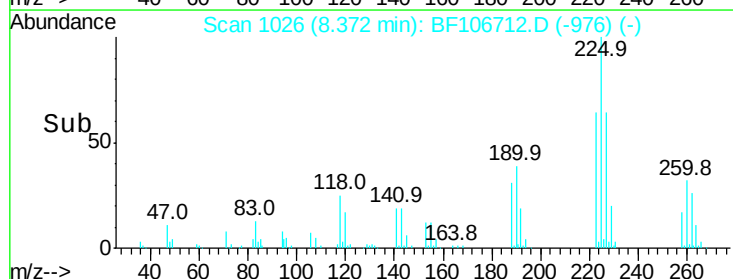
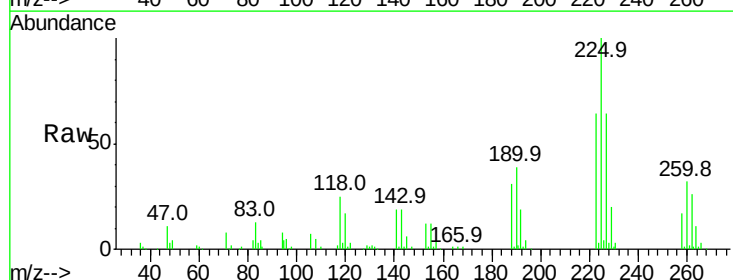
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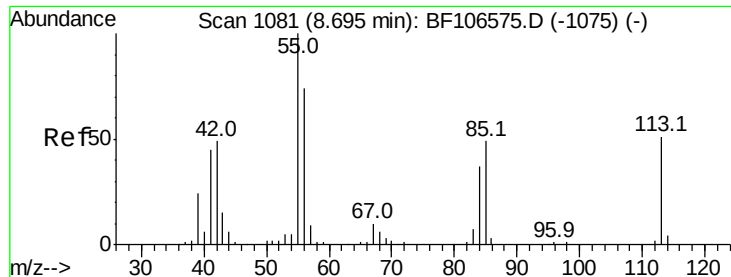
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#34
Hexachlorobutadiene
Concen: 41.031 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion:	225	Resp:	97046
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.6	76.0
227	63.8	51.9	77.9





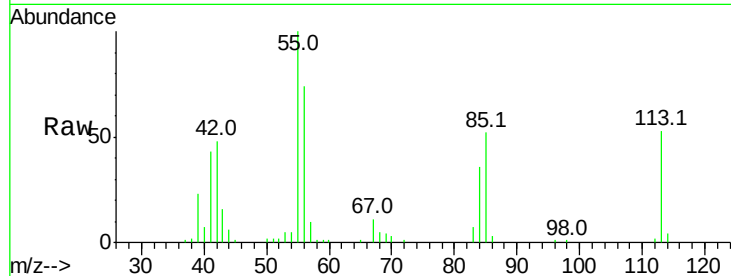
#35
 Caprolactam
 Concen: 43.510 ng/ml
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110459BSD

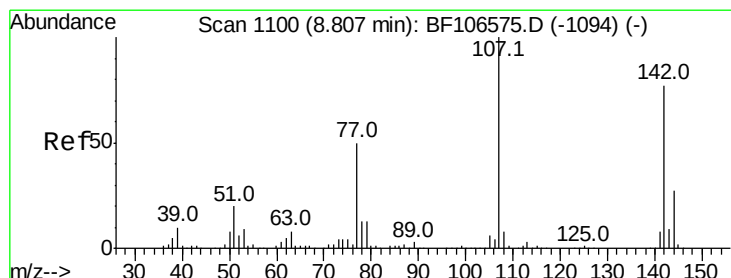
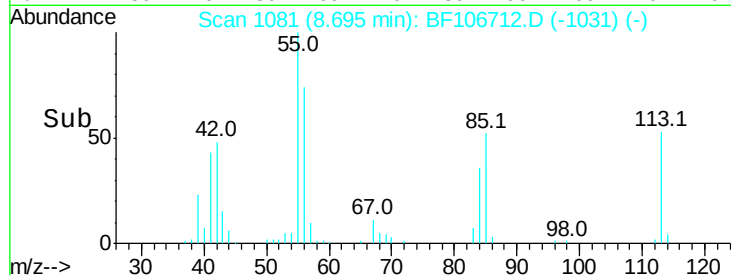
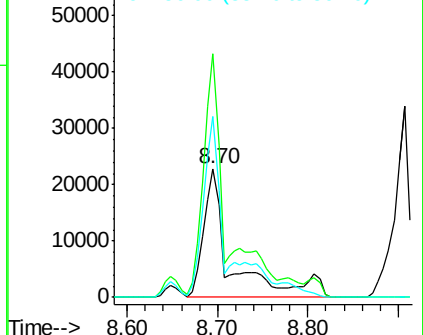
Tot Ion	Ratio	Lower	Upper
113	100		
55	189.1	163.3	203.3
56	140.8	115.7	155.7

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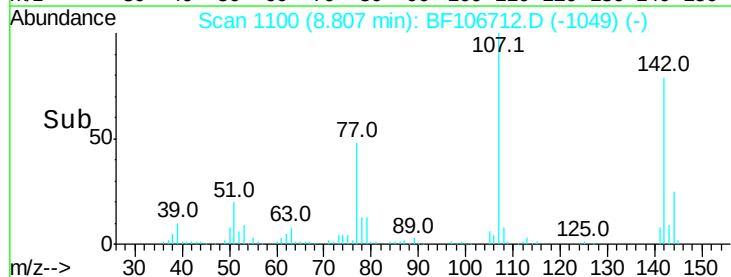
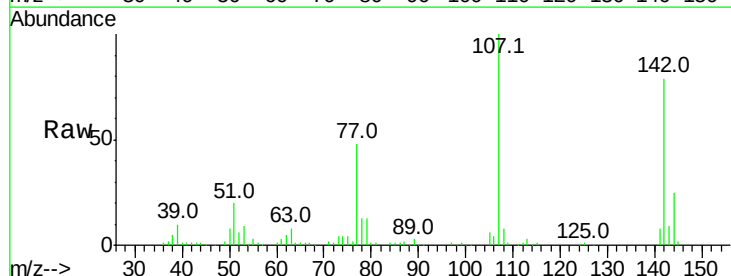
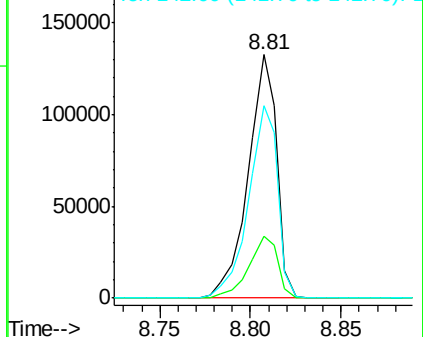
Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

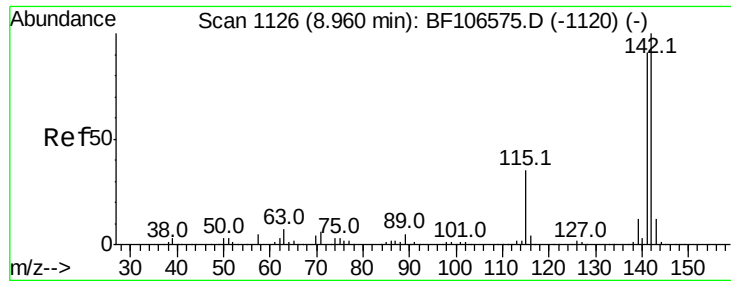


#36
 4-Chloro-3-methylphenol
 Concen: 41.973 ng/ml
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.5	30.7
142	79.0	62.0	93.0

Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





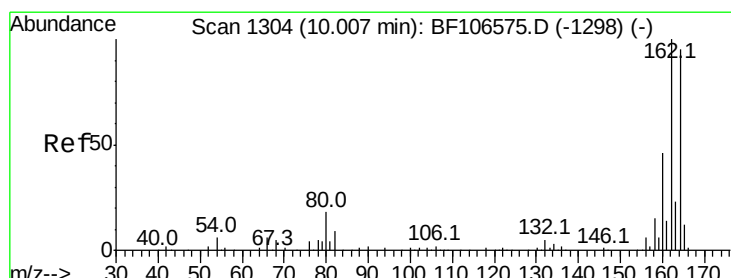
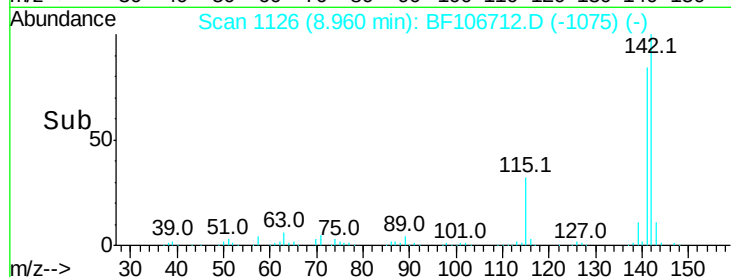
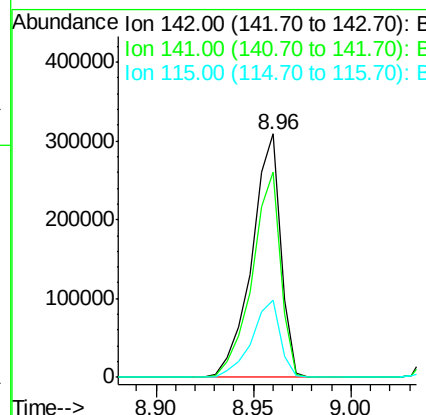
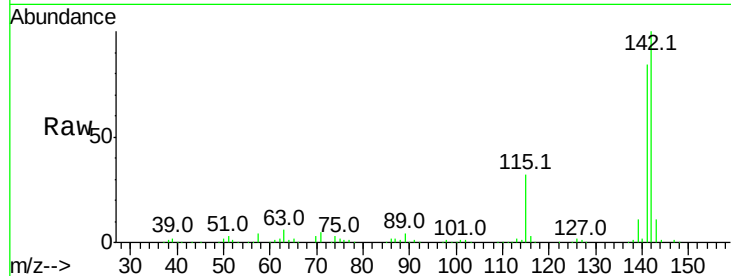
#37
2-Methylnaphthalene
Concen: 43.469 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.1	70.8	106.2
115	31.7	26.1	39.1

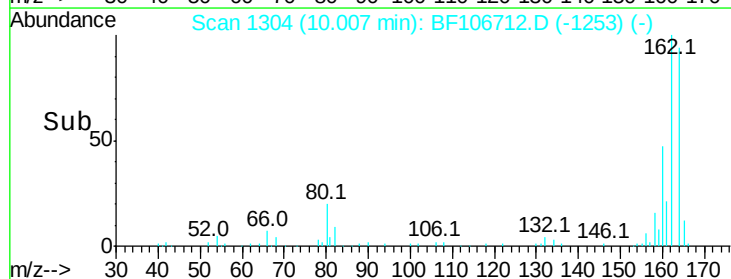
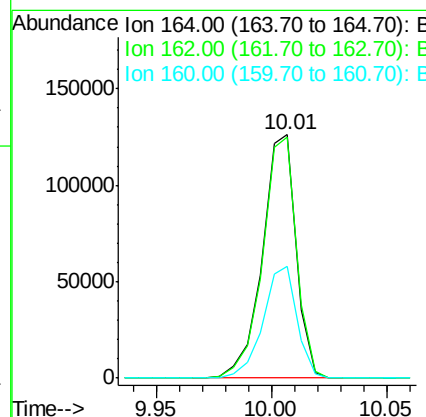
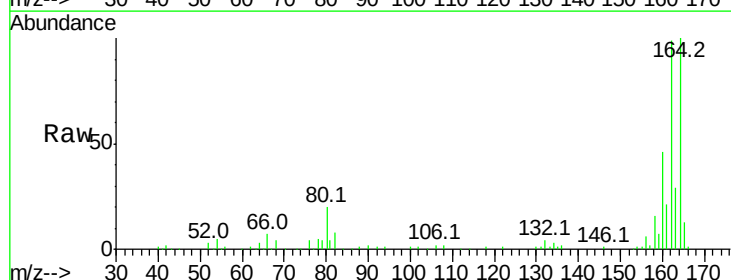
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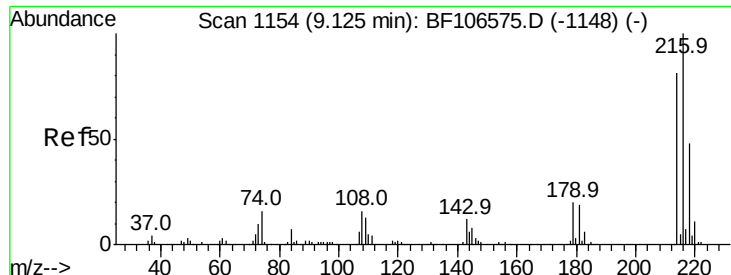
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	86.1	129.1
160	46.0	38.3	57.5





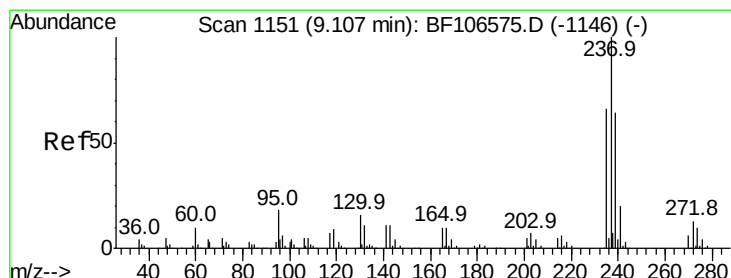
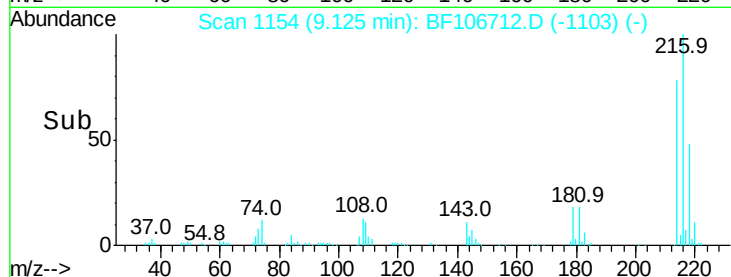
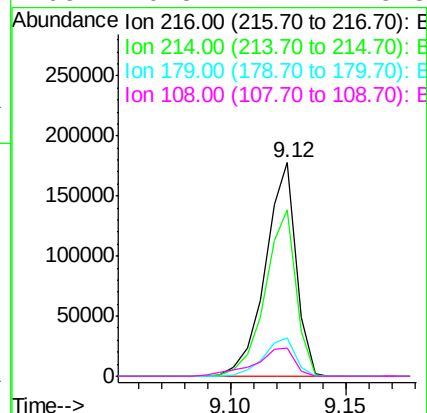
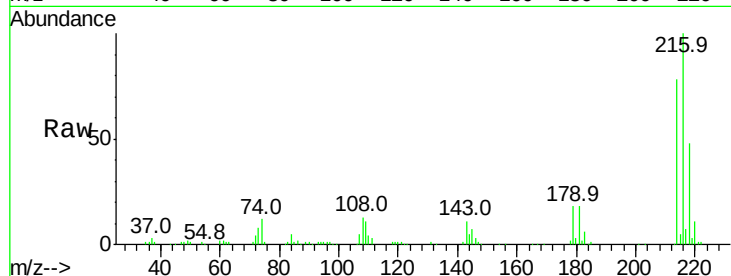
#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.026 ng
RT: 9.12 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.2	63.0	94.4
179	18.9	18.1	27.1
108	16.8	17.2	25.8#

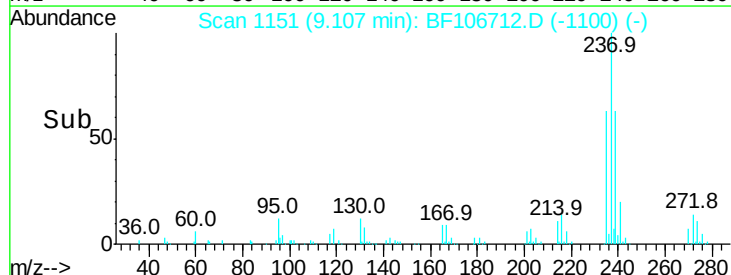
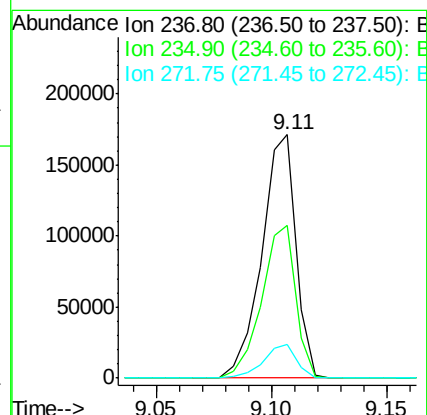
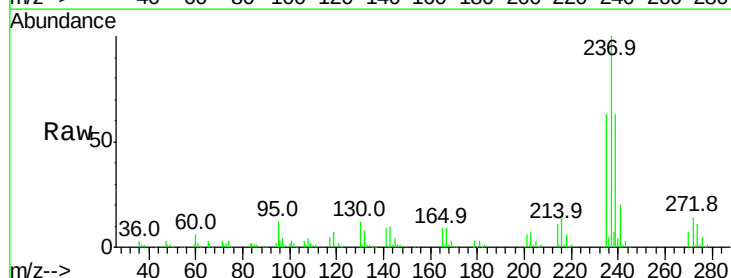
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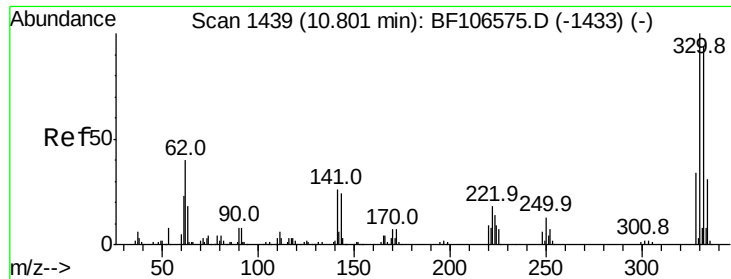
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#40
Hexachlorocyclopentadiene
Concen: 79.287 ng
RT: 9.11 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.6	44.8	84.8
272	13.8	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 125.051 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

ClientSampleId :

PB110459BSD

Tot Ion:330 Resp: 186156

Ion Ratio Lower Upper

330 100

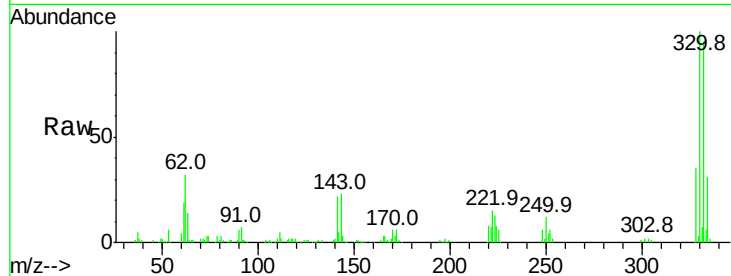
332 96.2 77.0 115.6

141 22.1 29.9 44.9#

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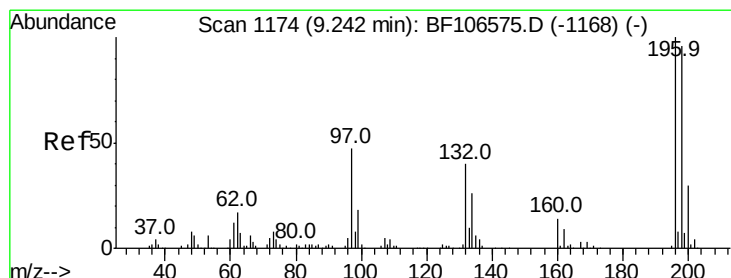
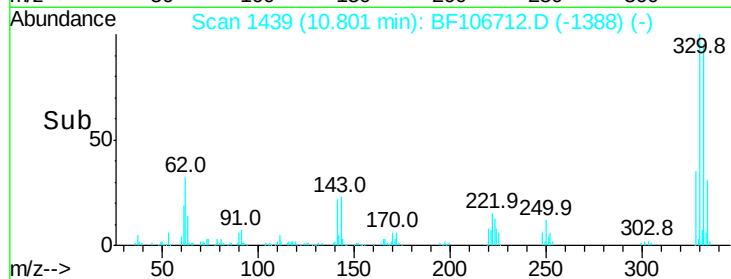
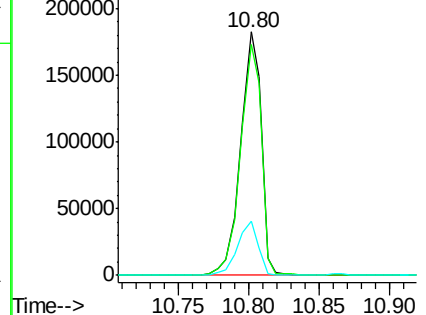
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 36.343 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Tgt Ion:196 Resp: 104493

Ion Ratio Lower Upper

196 100

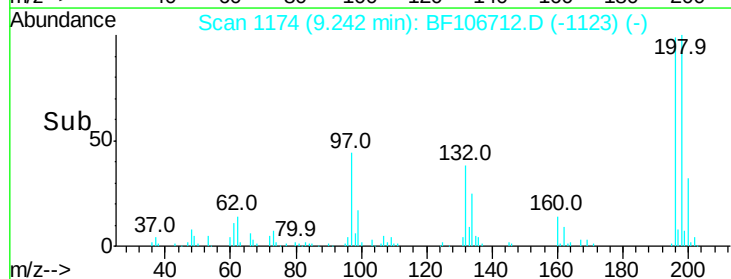
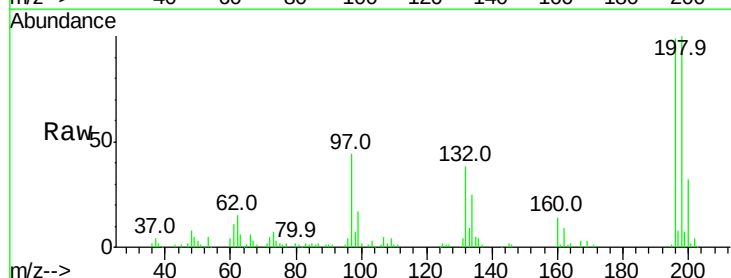
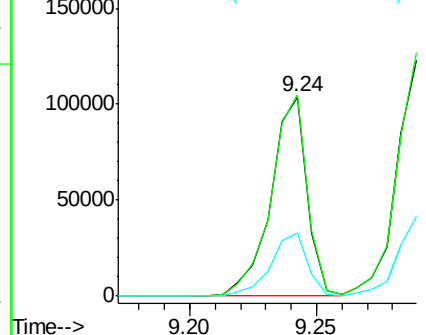
198 101.3 75.7 113.5

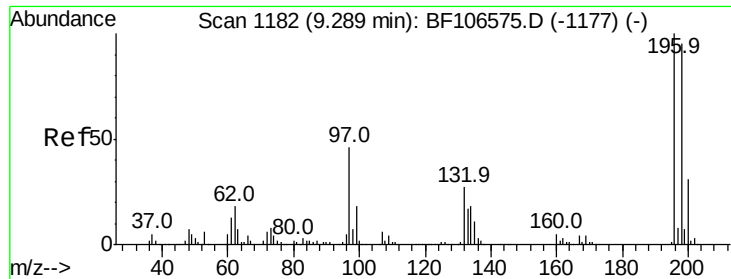
200 32.0 24.5 36.7

Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





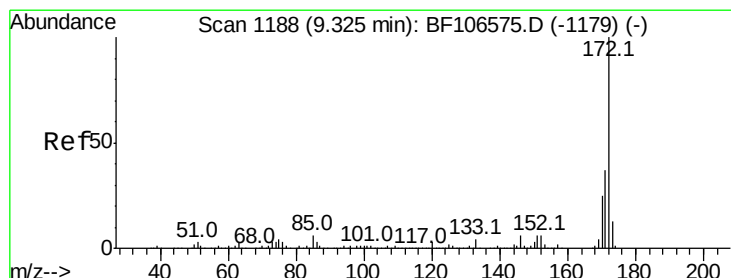
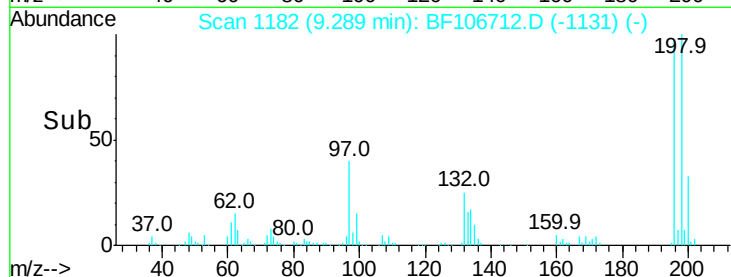
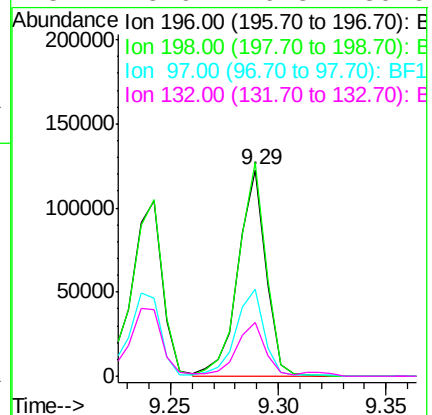
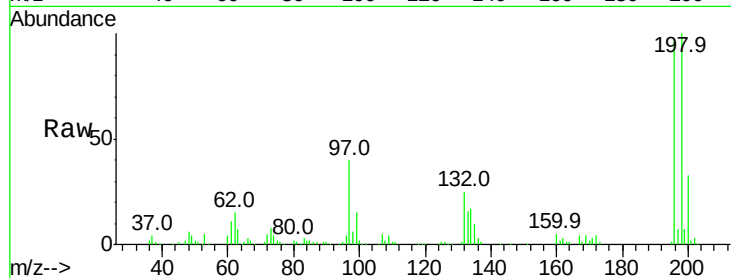
#43
 2,4,5-Trichlorophenol
 Concen: 36.608 ng m
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110459BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	109830		
198	103.4	74.6	112.0	
97	41.9	42.9	64.3	#
132	25.9	26.3	39.5	#

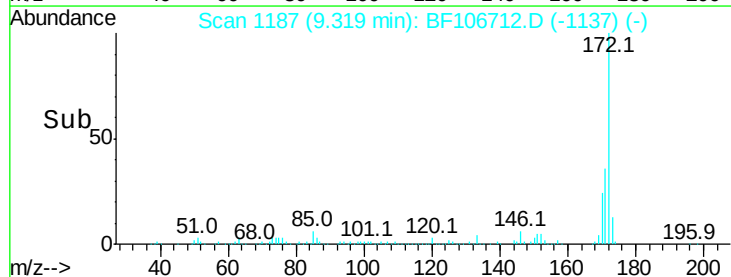
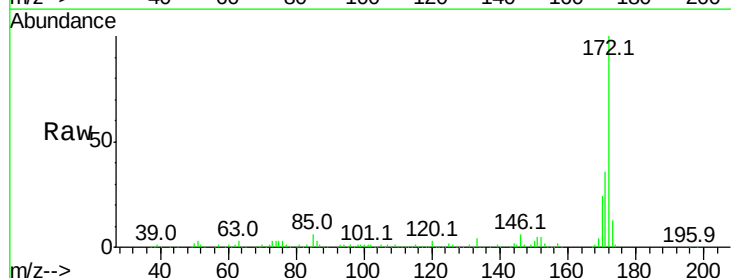
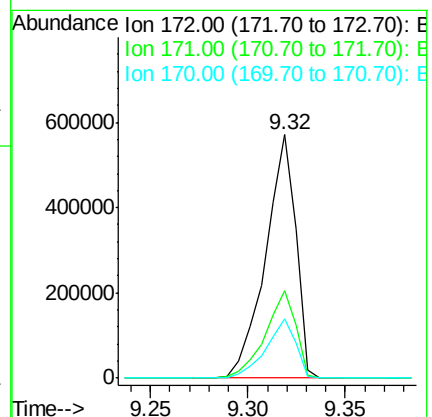
Manual Integrations
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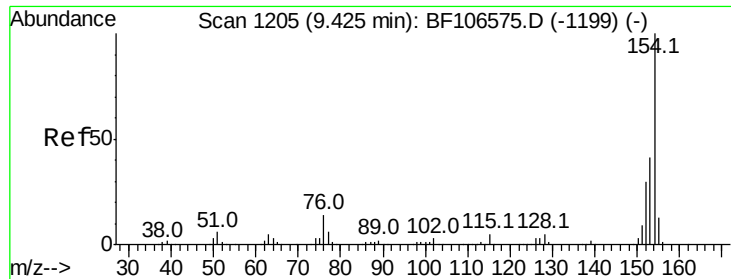
Sohil
 6/25/2018 5:16:48 PM



#44
 2-Fluorobiphenyl
 Concen: 79.957 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	613367		
171	36.0	29.7	44.5	
170	24.2	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 37.291 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

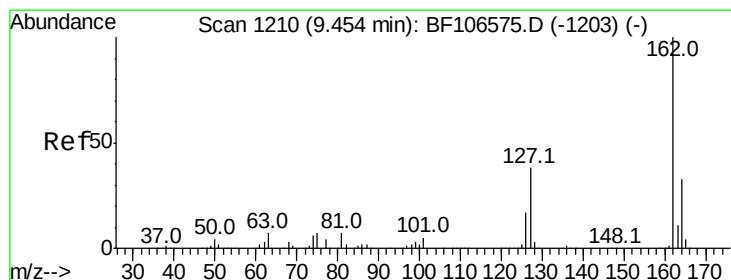
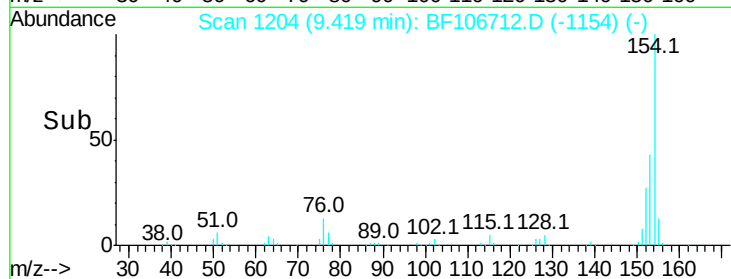
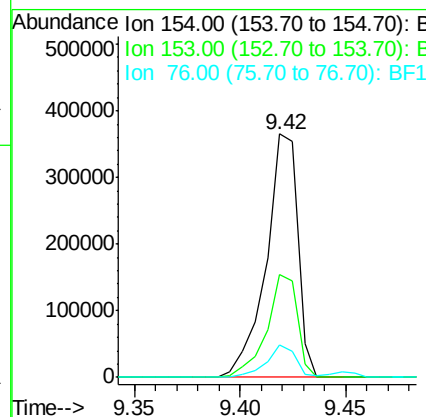
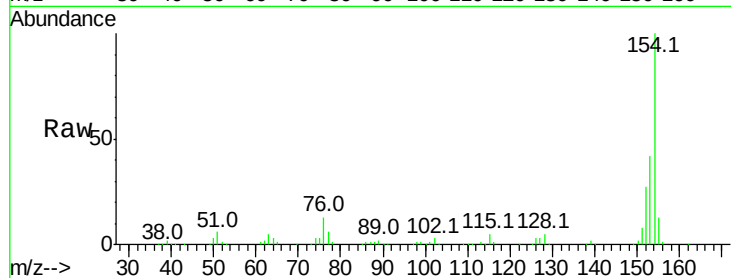
ClientSampleId :

PB110459BSD

Tot Ion:	154	Resp:	381705
Ion Ratio	Lower	Upper	
154	100		
153	42.4	21.3	61.3
76	13.1	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 35.257 ng

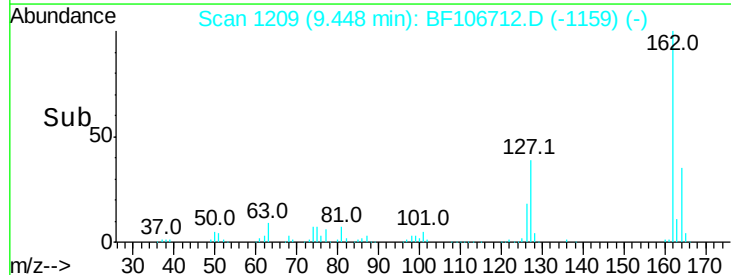
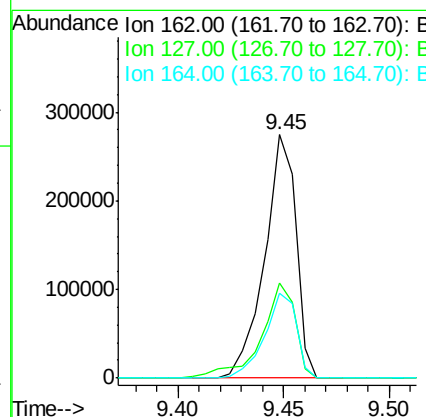
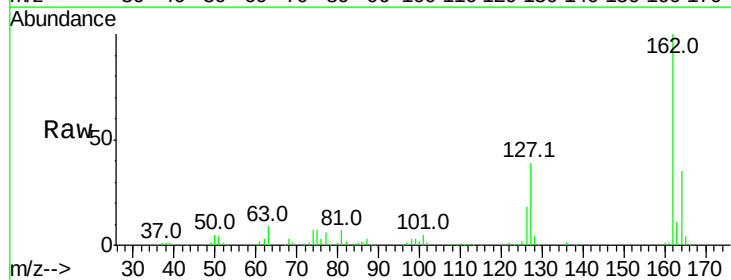
RT: 9.45 min Scan# 1209

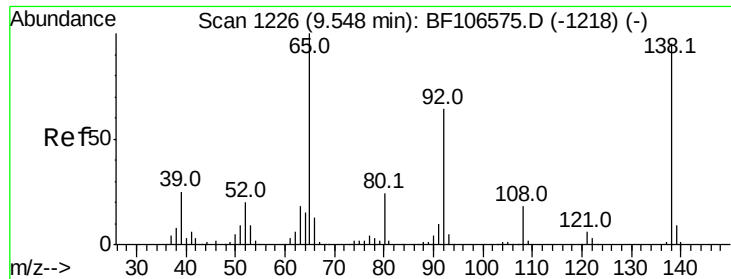
Delta R.T. -0.01 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Tgt Ion:	162	Resp:	284068
Ion Ratio	Lower	Upper	
162	100		
127	39.3	33.9	50.9
164	34.8	26.5	39.7





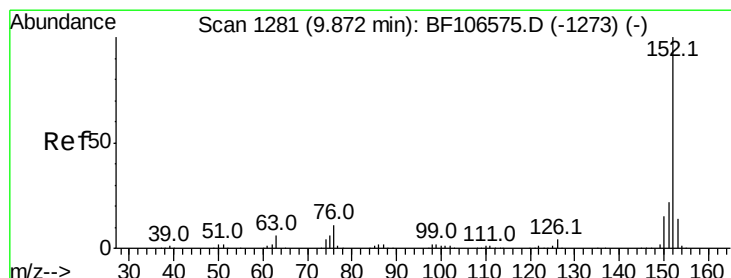
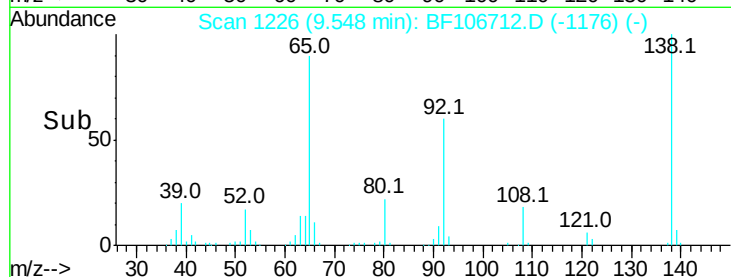
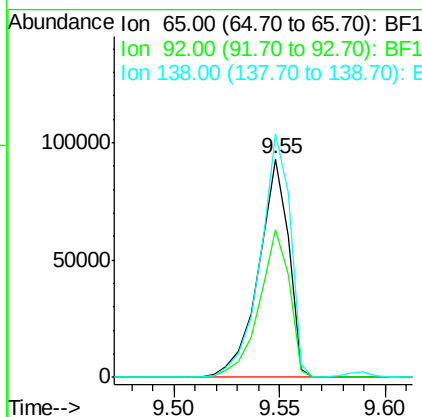
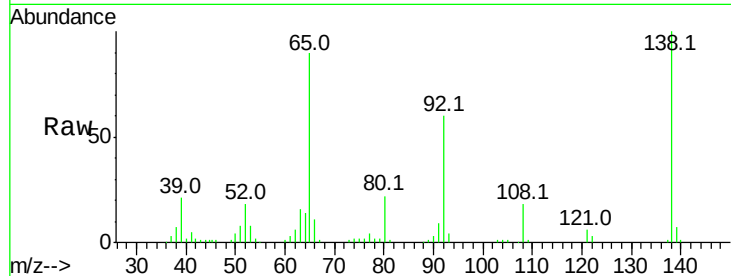
#47
2-Nitroaniline
Concen: 34.007 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.3	55.8	83.6
138	111.4	91.2	136.8

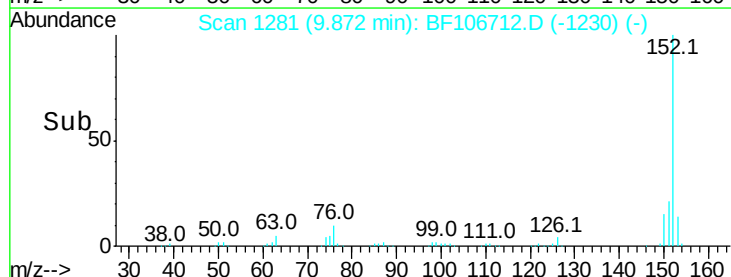
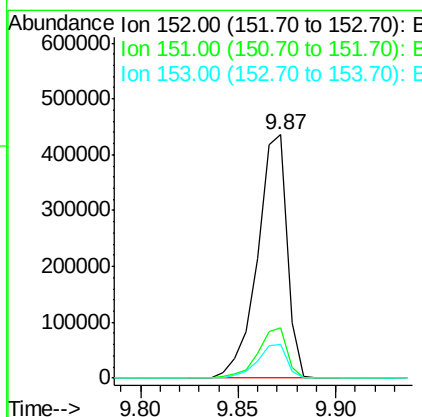
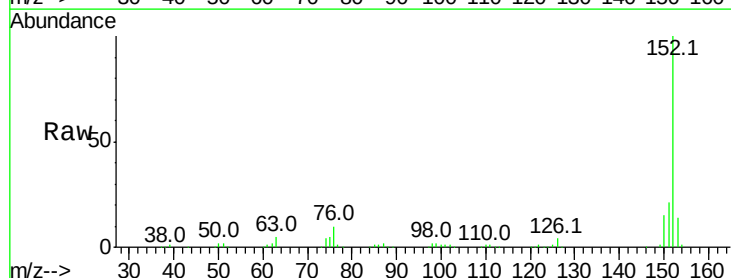
Manual Integrations
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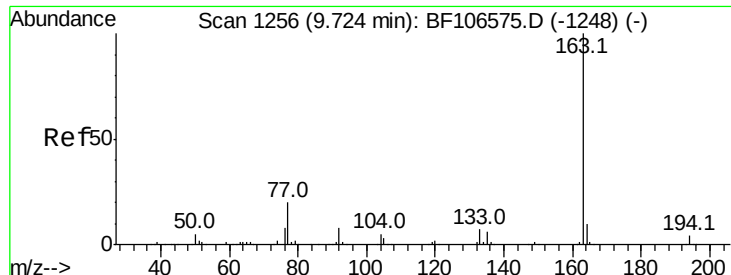
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#48
Acenaphthylene
Concen: 36.125 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.1	10.7	16.1





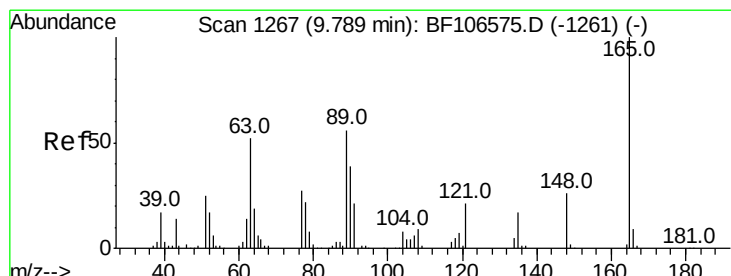
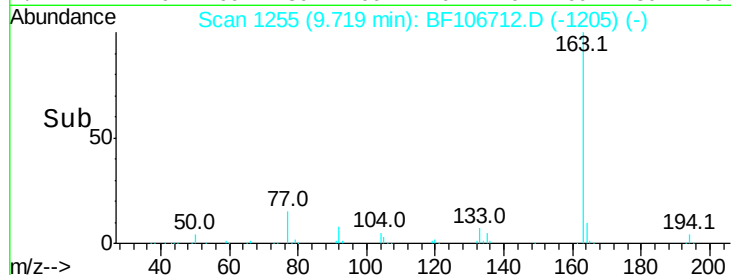
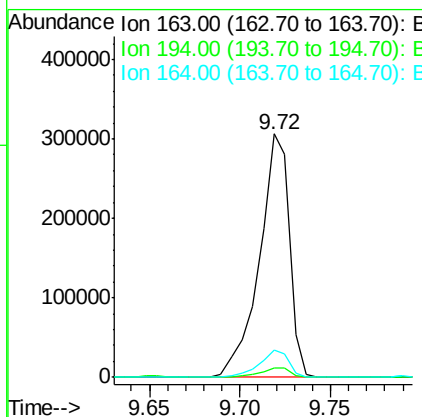
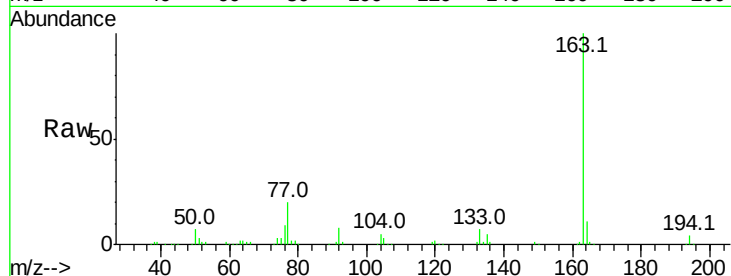
#49
Dimethylphthalate
Concen: 36.614 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	11.1	8.2	12.2	

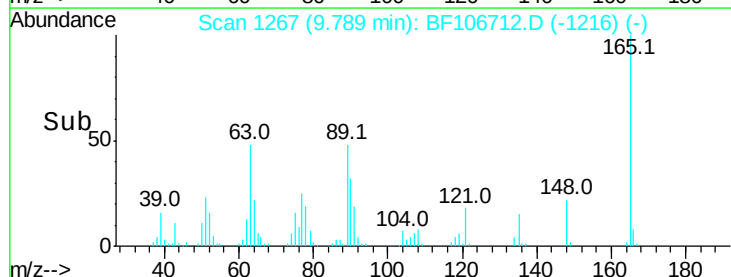
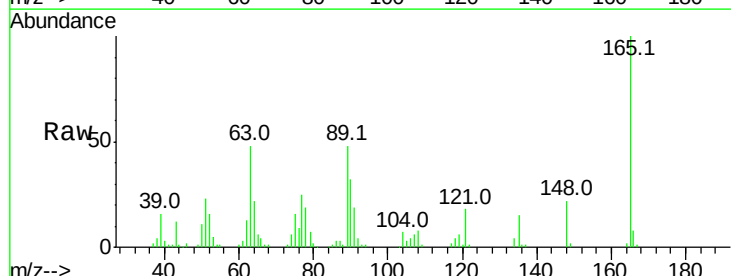
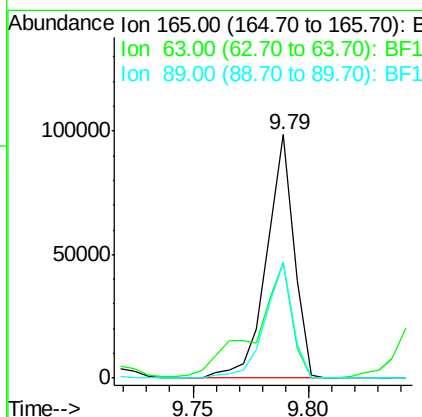
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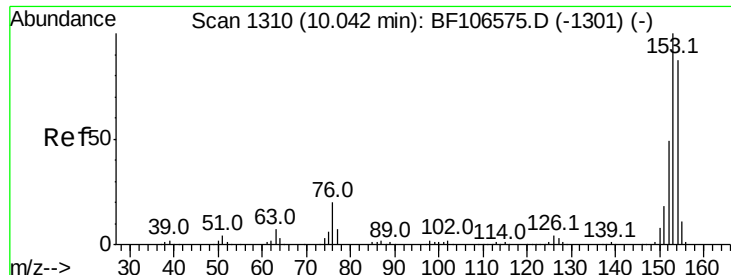
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#50
2,6-Dinitrotoluene
Concen: 40.040 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.6	44.7	67.1	
89	47.7	44.0	66.0	





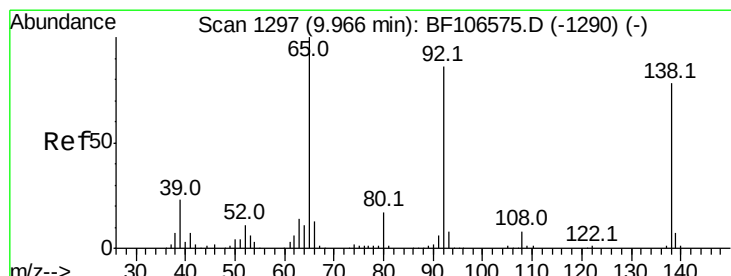
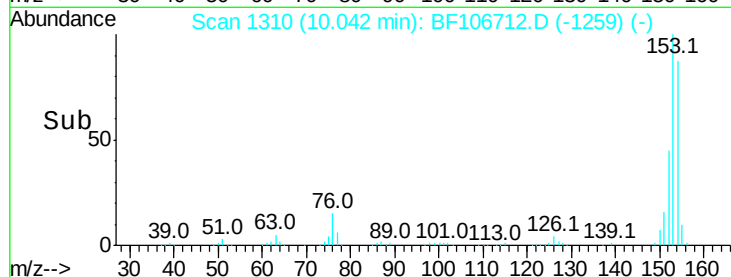
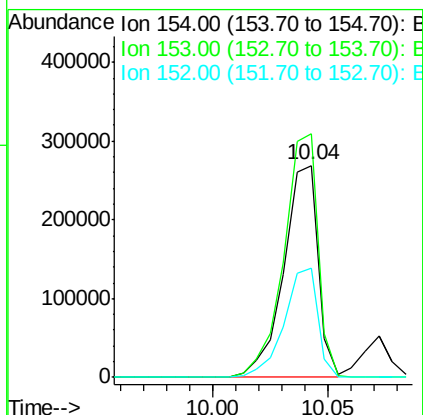
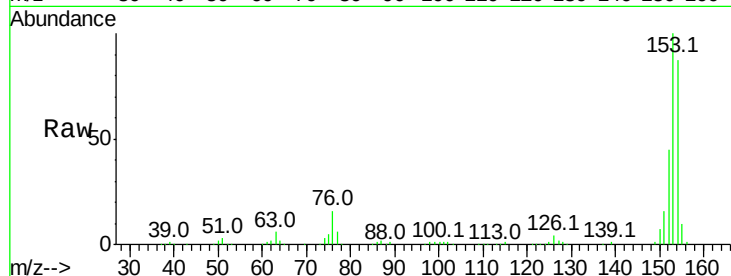
#51
Acenaphthene
Concen: 34.636 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.2	136.8
152	51.3	43.8	65.8

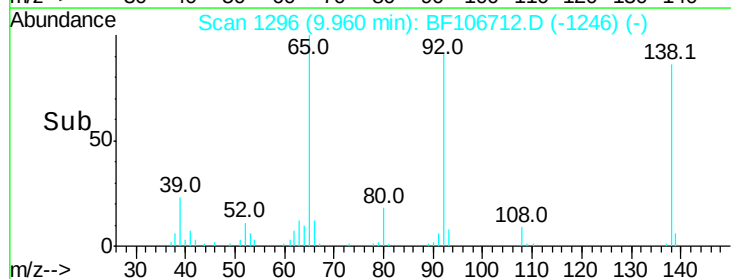
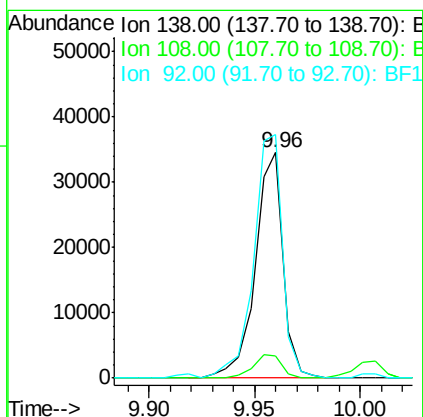
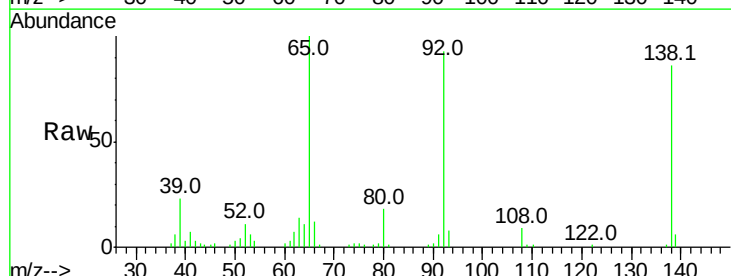
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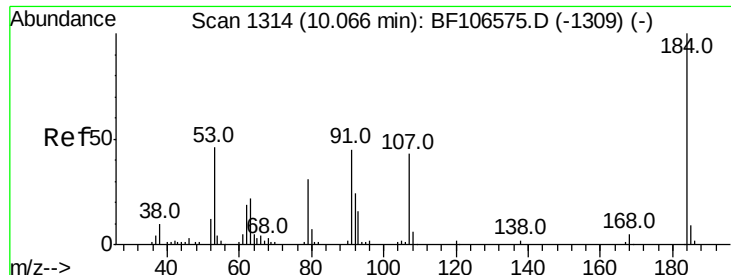
Sohil
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#52
3-Nitroaniline
Concen: 13.517 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.4	14.0
92	108.1	89.4	134.2





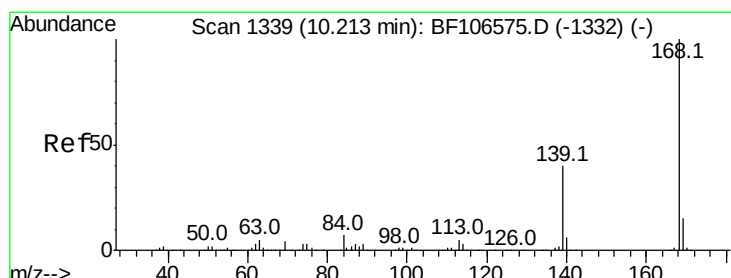
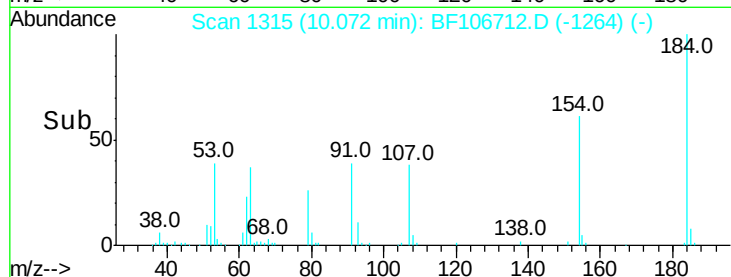
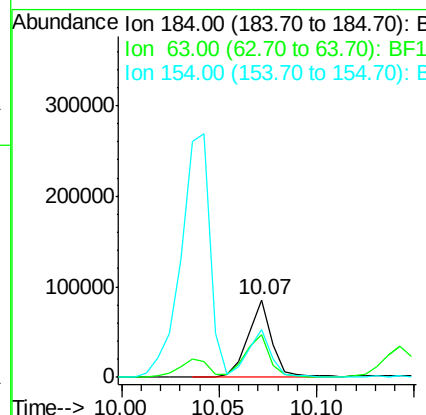
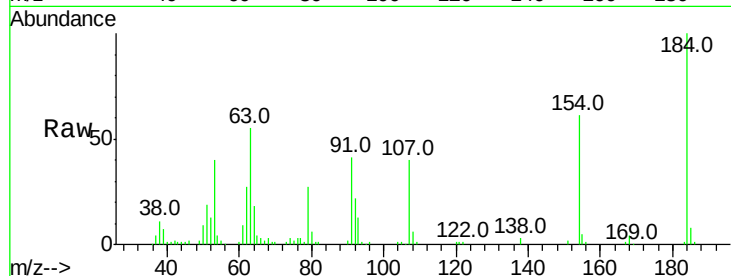
#53
 2,4-Dinitrophenol
 Concen: 70.076 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110459BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	54.7	54.2	81.2
154	61.0	184.0	276.0#

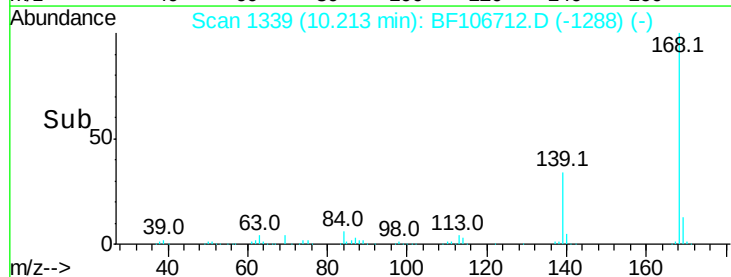
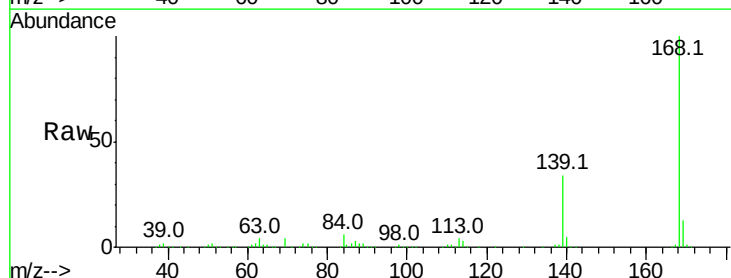
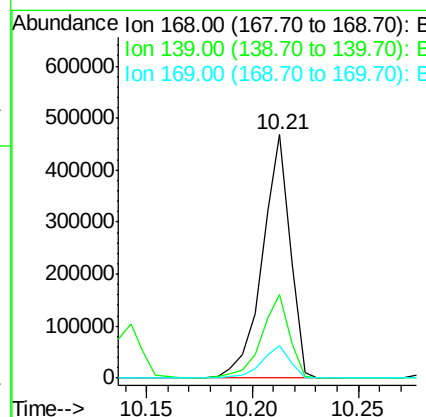
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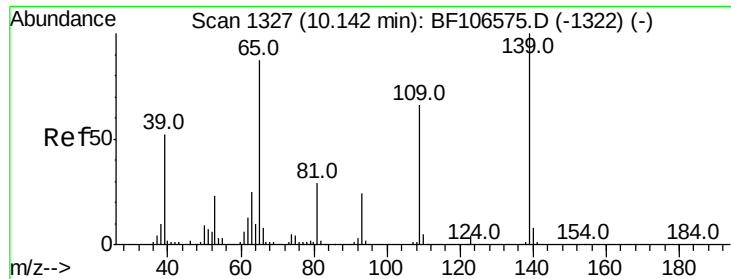
Sohil
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#54
 Dibenzofuran
 Concen: 38.924 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.4	30.1	45.1
169	13.5	10.9	16.3





#55

4-Nitrophenol

Concen: 60.847 ng

RT: 10.14 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

ClientSampleId :

PB110459BSD

Tot Ion:139 Resp: 99695

Ion Ratio Lower Upper

139 100

109 67.6 48.4 88.4

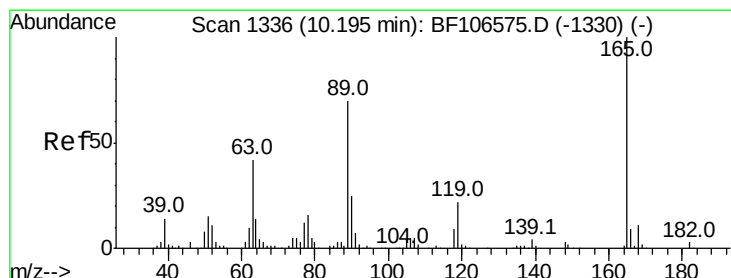
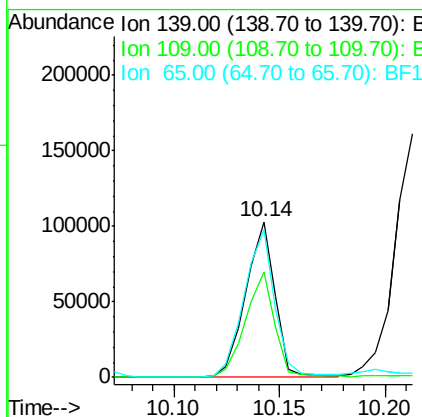
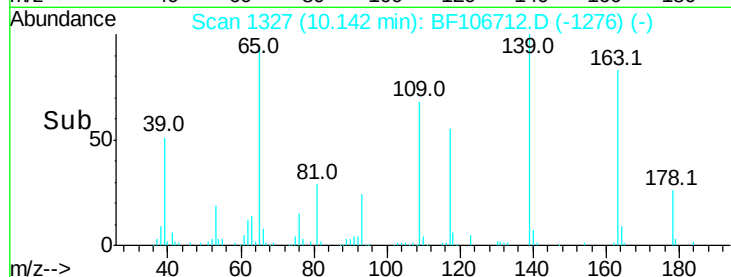
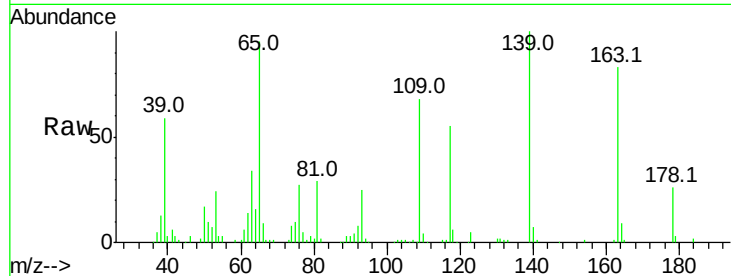
65 94.8 72.6 112.6

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#56

2,4-Dinitrotoluene

Concen: 41.174 ng

RT: 10.20 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Tgt Ion:165 Resp: 109627

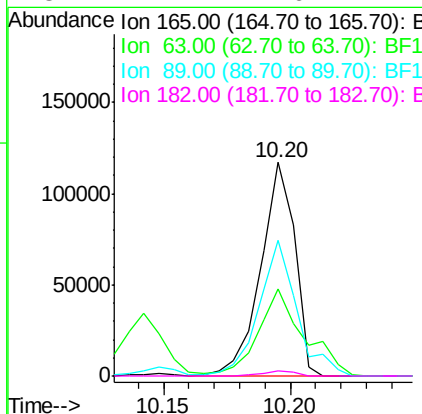
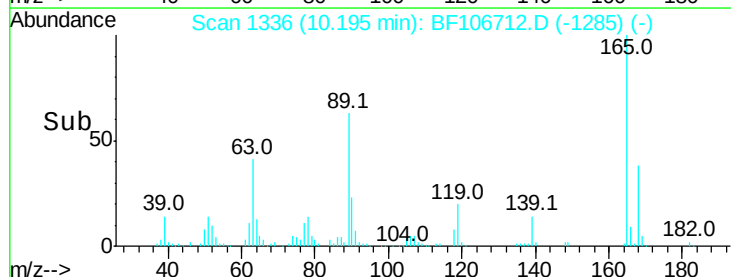
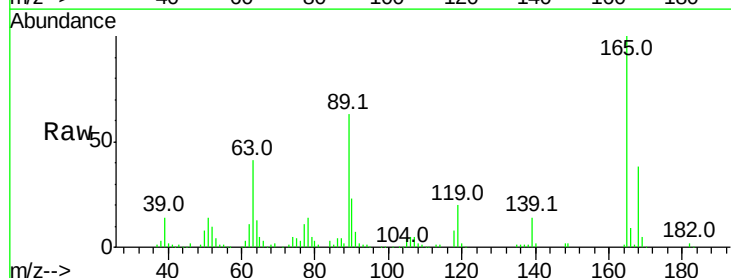
Ion Ratio Lower Upper

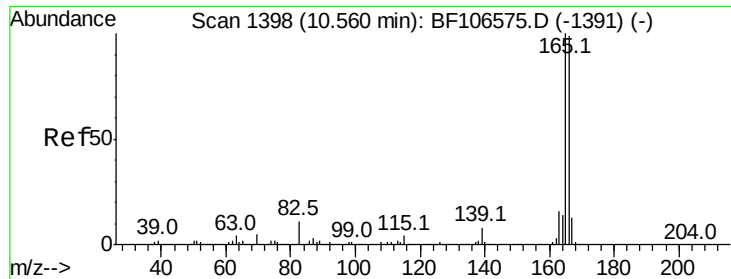
165 100

63 40.5 36.4 54.6

89 63.4 57.8 86.6

182 2.4 1.6 2.4





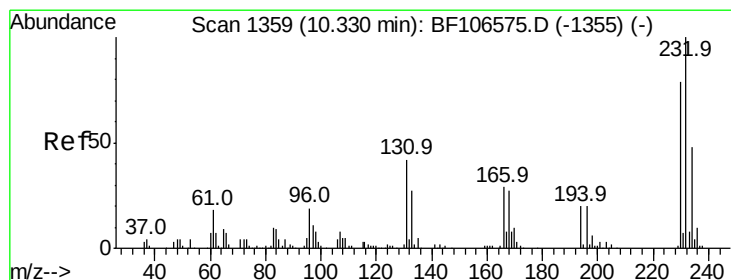
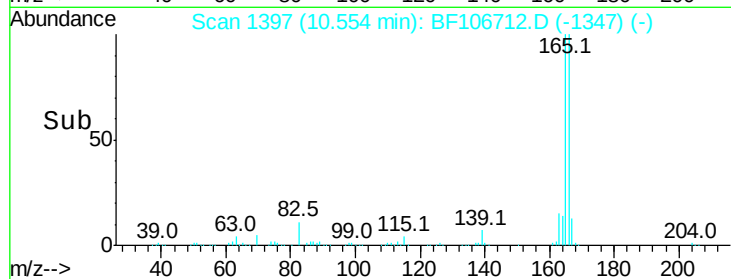
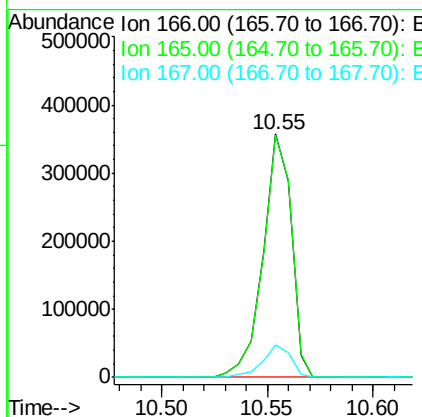
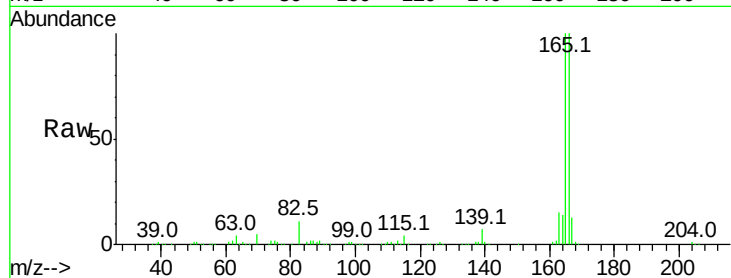
#57
Fluorene
Concen: 38.425 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.7	79.8	119.8	
167	13.5	10.6	16.0	

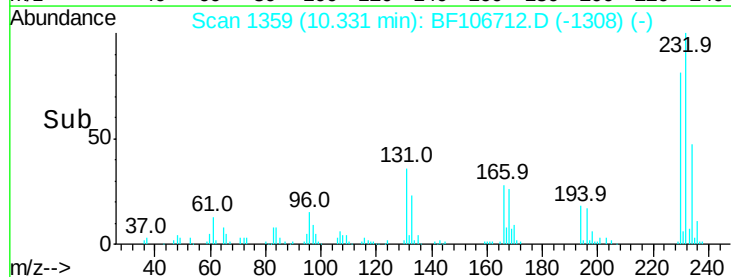
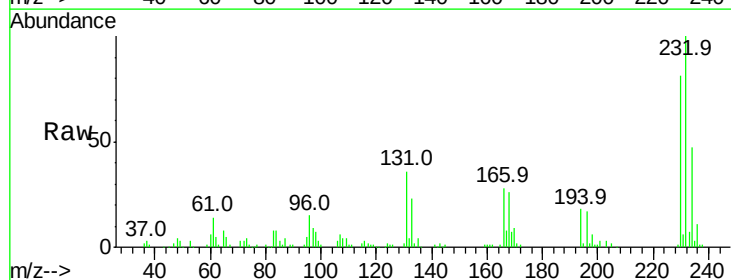
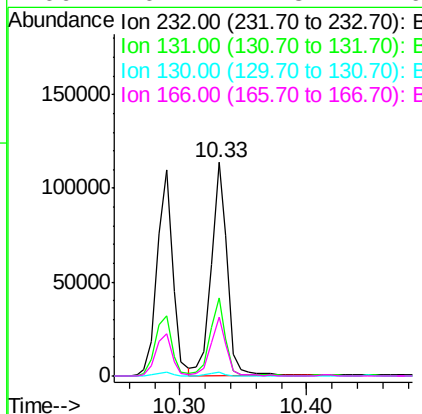
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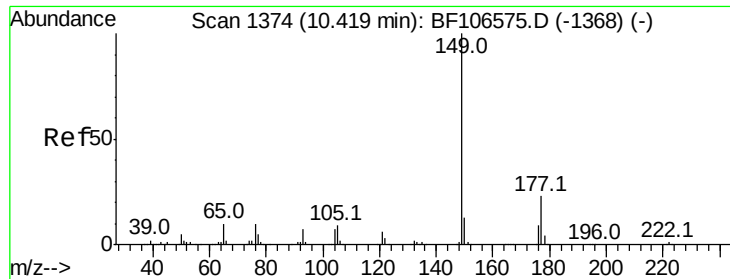
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#58
2,3,4,6-Tetrachlorophenol
Concen: 42.715 ng
RT: 10.33 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	34.5	43.8	65.8#	
130	1.5	2.1	3.1#	
166	26.7	27.8	41.6#	





#59

Diethylphthalate

Concen: 35.692 ng

RT: 10.42 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

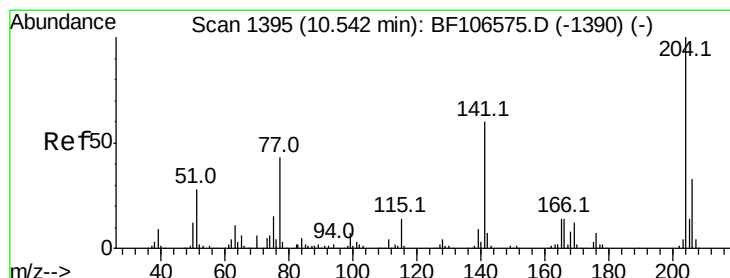
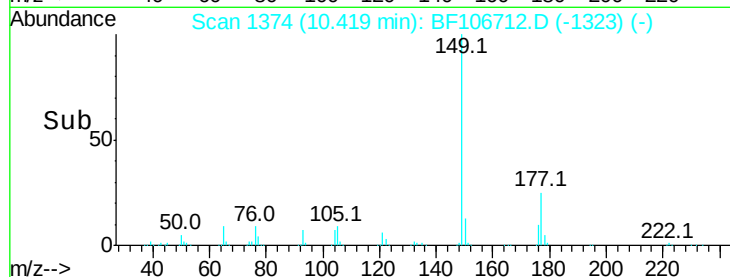
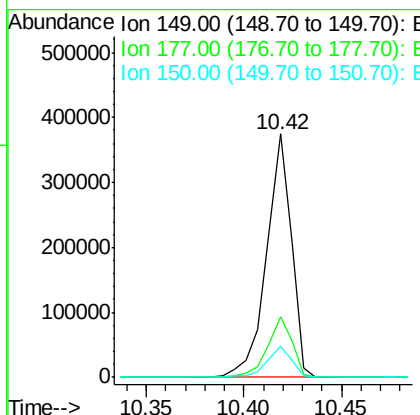
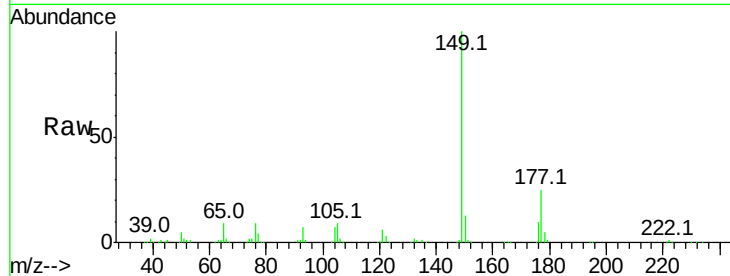
ClientSampled :

PB110459BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	331846		
177	25.0	16.1	24.1#	
150	12.8	10.1	15.1	

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6/25/2018 5:16:48 PM



#60

4-Chlorophenyl-phenylether

Concen: 38.167 ng

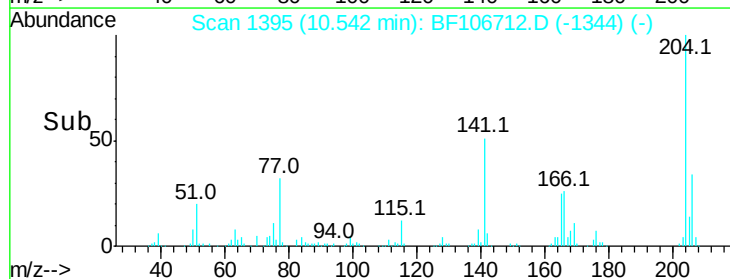
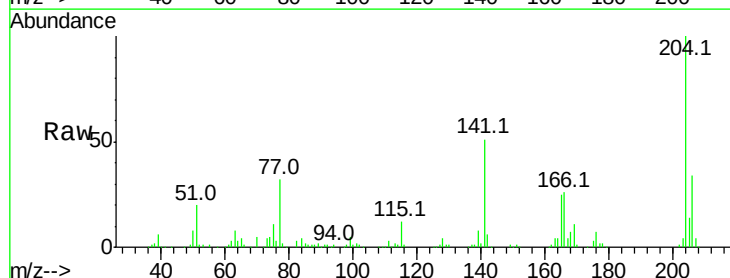
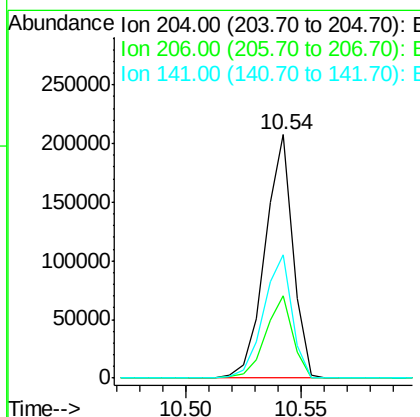
RT: 10.54 min Scan# 1395

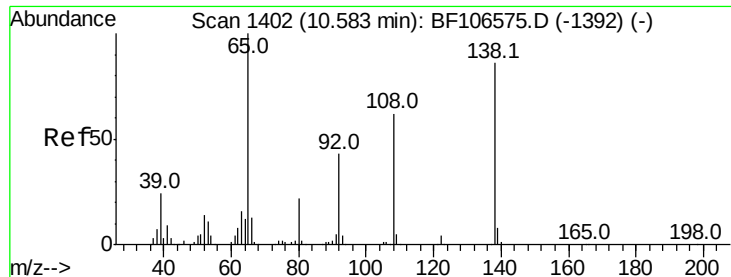
Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	173820		
206	33.8	26.5	39.7	
141	50.7	54.6	81.8#	





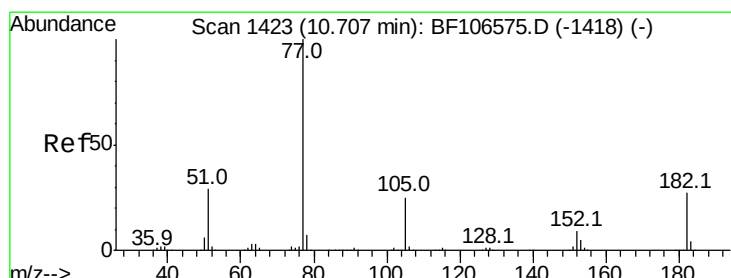
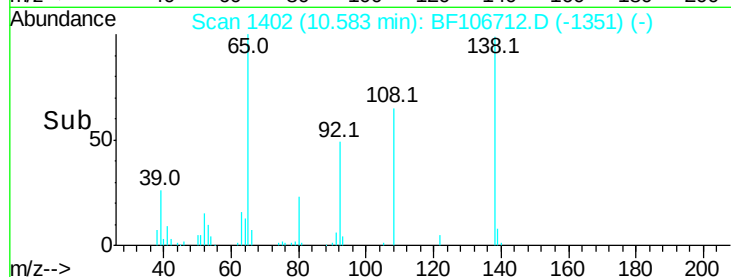
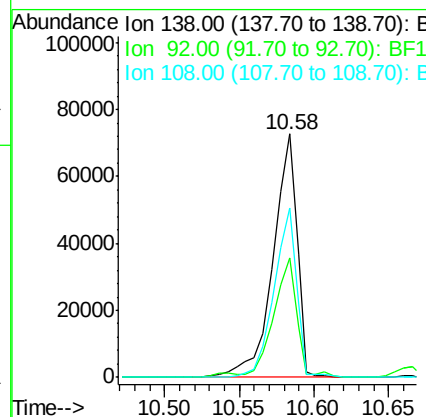
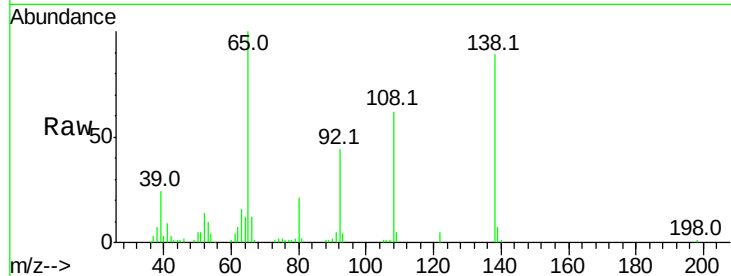
#61
4-Nitroaniline
Concen: 34.681 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.9	30.2	70.2
108	69.4	52.5	92.5

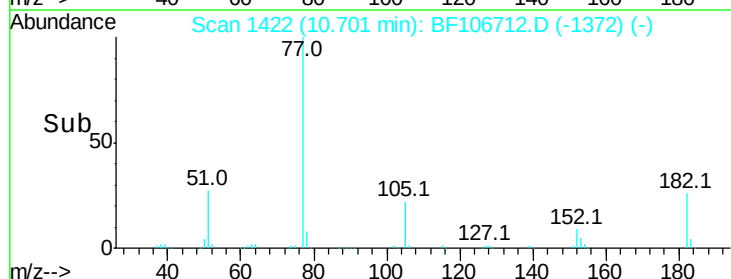
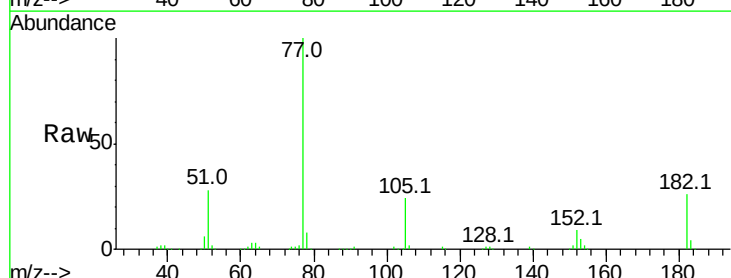
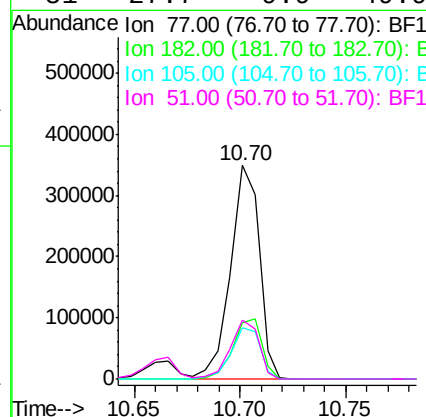
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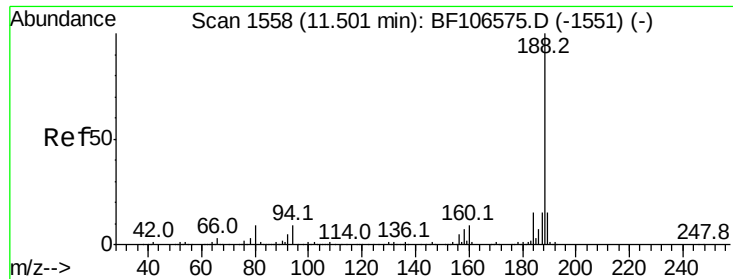
Sohil
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#62
Azobenzene
Concen: 35.709 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	1.7	41.7
105	23.9	3.0	43.0
51	27.7	9.9	49.9





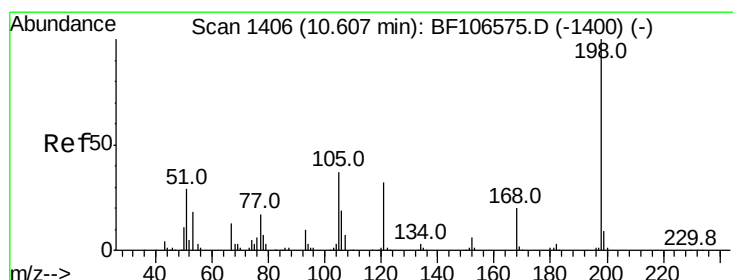
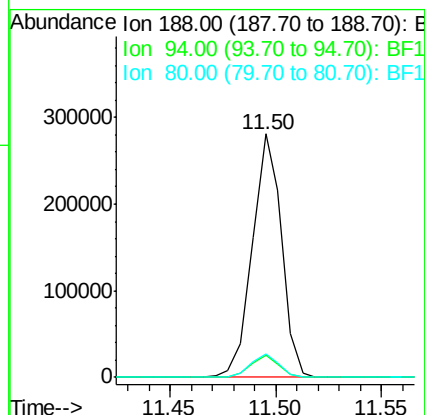
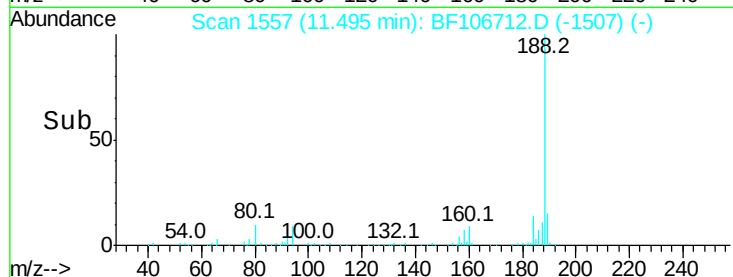
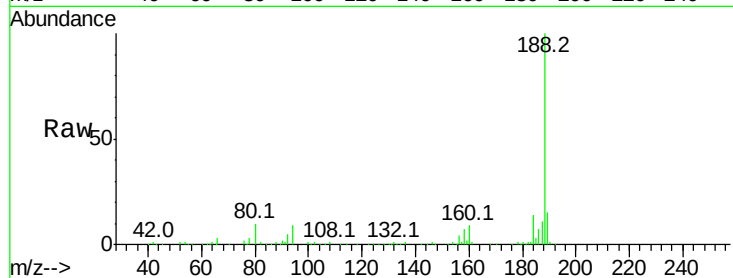
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110459BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.9	8.5	12.7
80	9.8	9.2	13.8

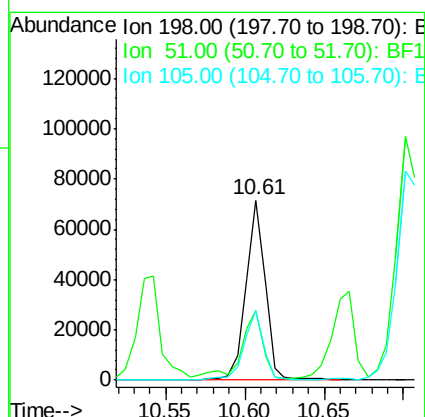
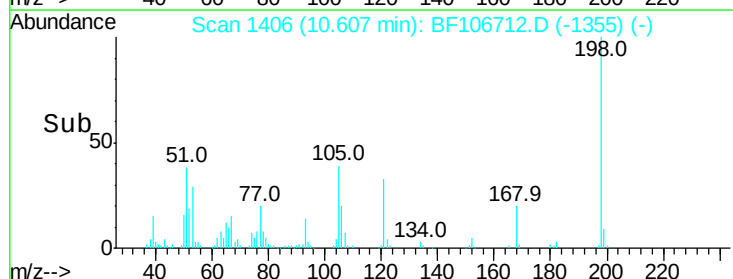
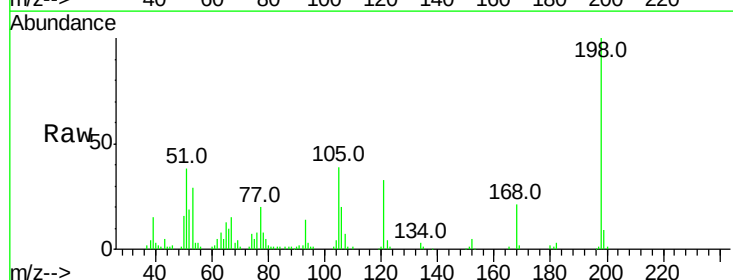
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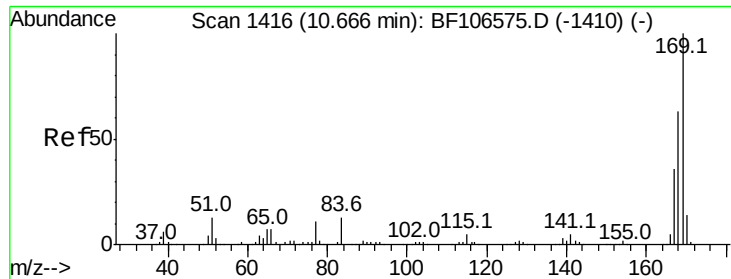
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.056 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	38.4	37.7	77.7
105	38.9	36.3	76.3





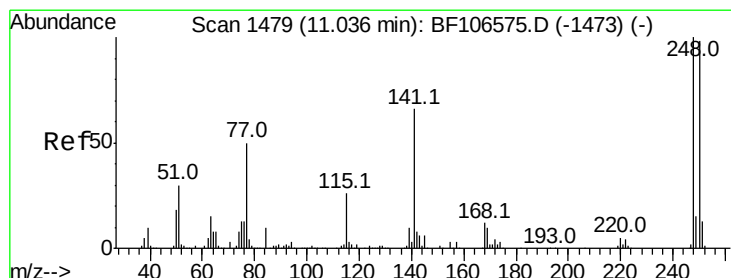
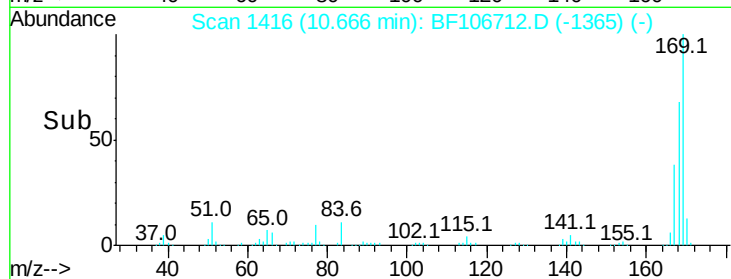
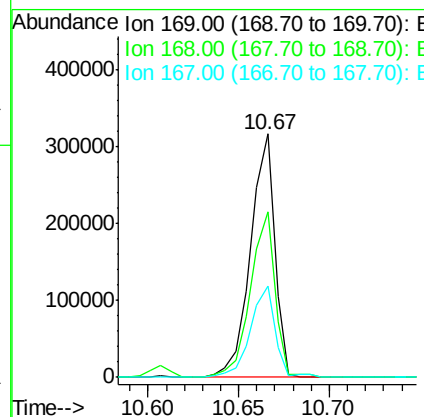
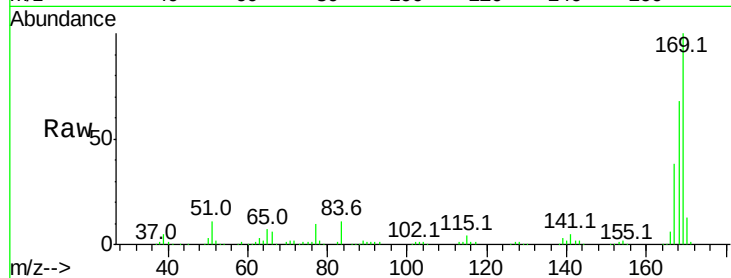
#65
 n-Nitrosodiphenylamine
 Concen: 32.728 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110459BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	296057		
168	68.2		54.4	81.6
167	37.6		29.8	44.6

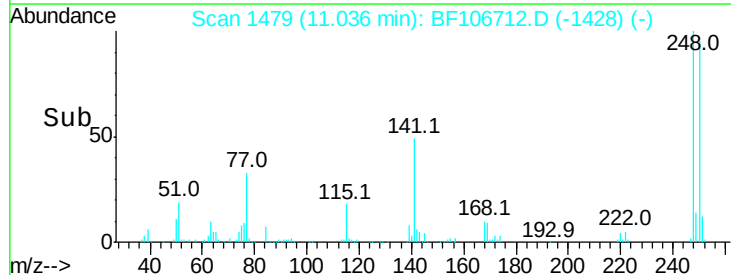
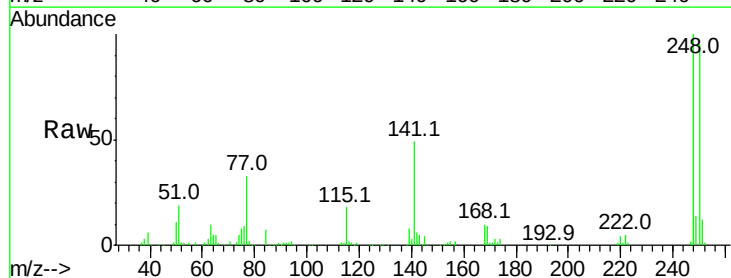
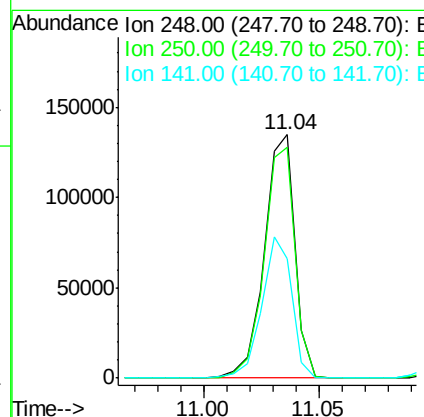
Manual Integrations
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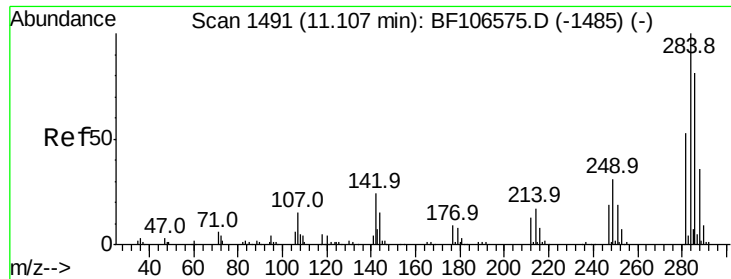
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#66
 4-Bromophenyl-phenylether
 Concen: 38.614 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	123938		
250	94.8		76.9	115.3
141	49.1		74.4	111.6#





#67

Hexachlorobenzene

Concen: 39.318 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

ClientSampleId :

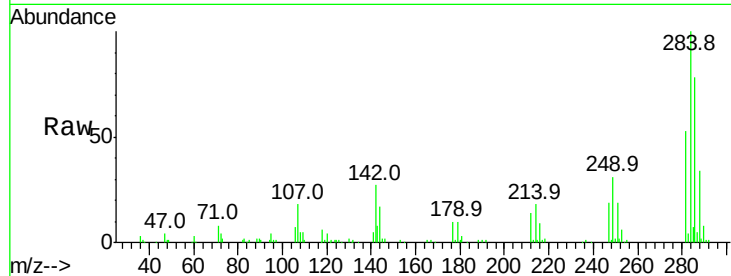
PB110459BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.4	34.6	52.0	
249	31.4	24.8	37.2	

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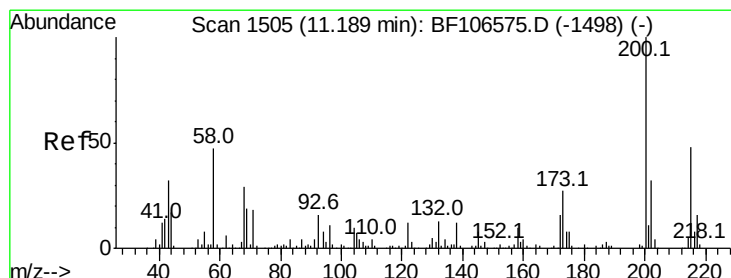
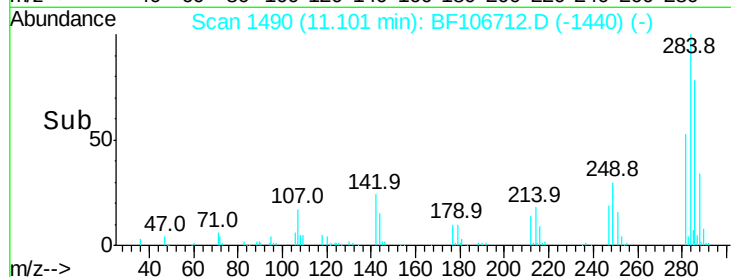
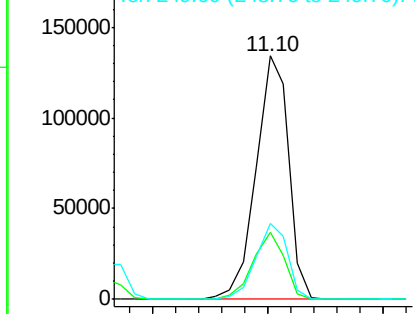
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.754 ng

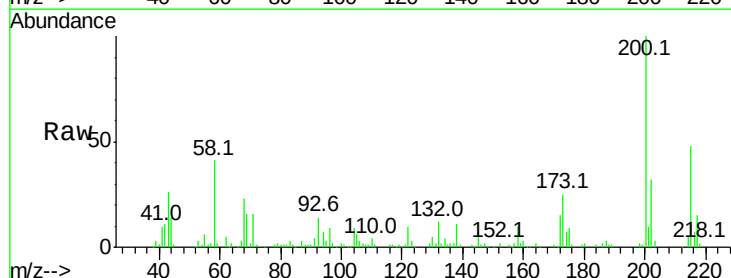
RT: 11.19 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

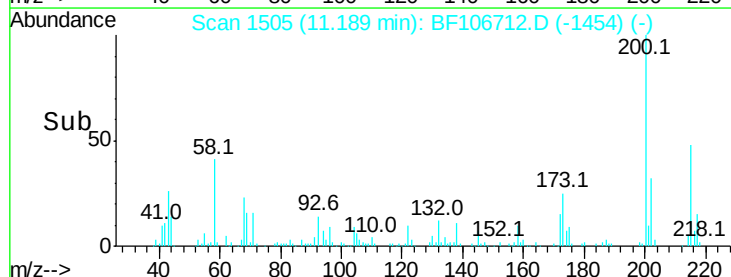
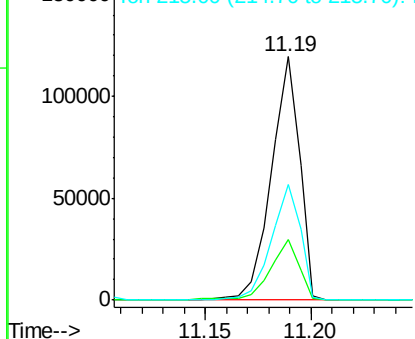
Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.8	8.6	48.6	
215	47.6	25.1	65.1	

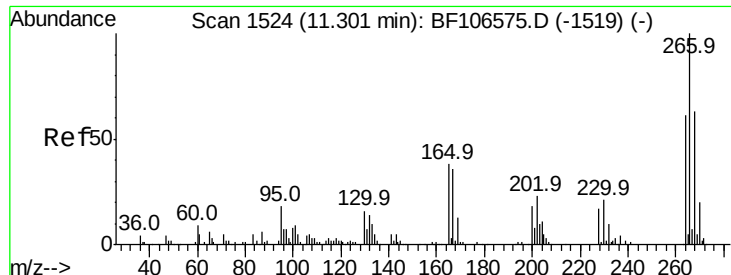


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





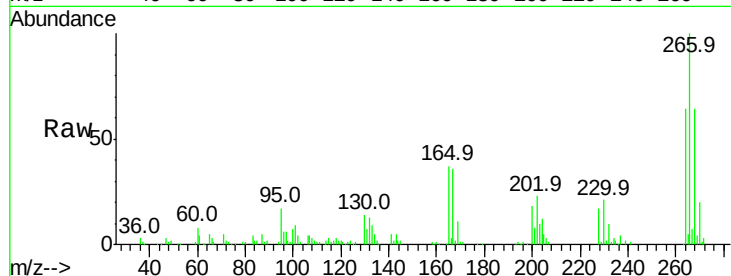
#69
 Pentachlorophenol
 Concen: 64.059 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110459BSD

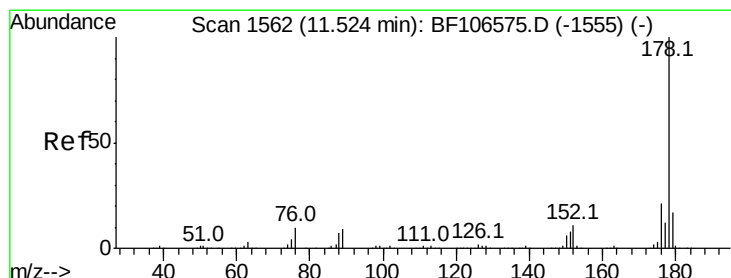
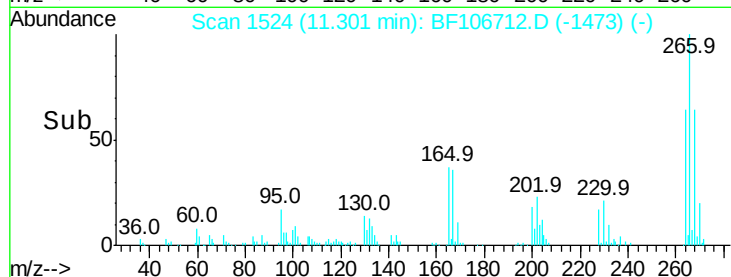
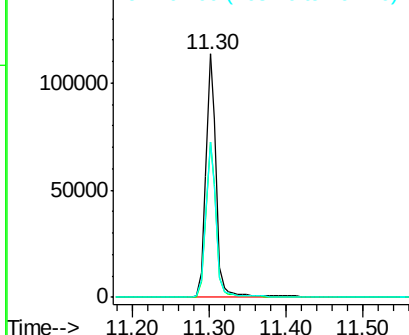
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	63.7	49.5	74.3

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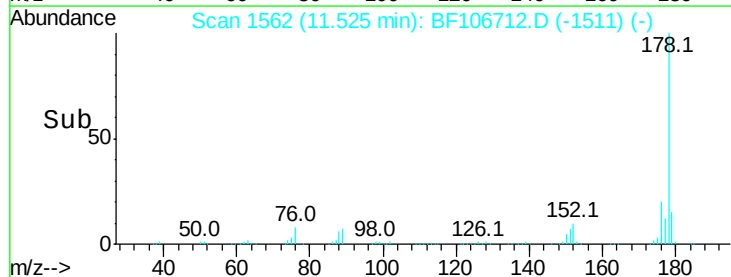
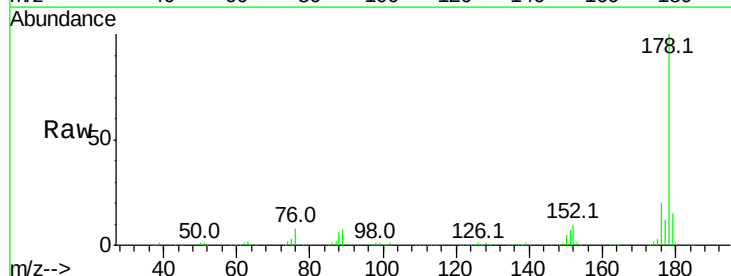
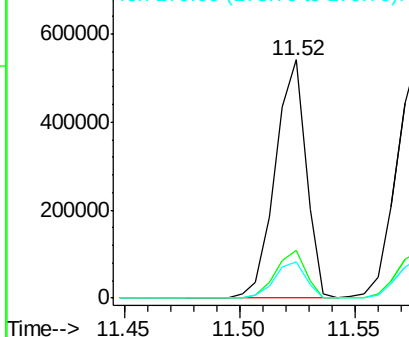
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

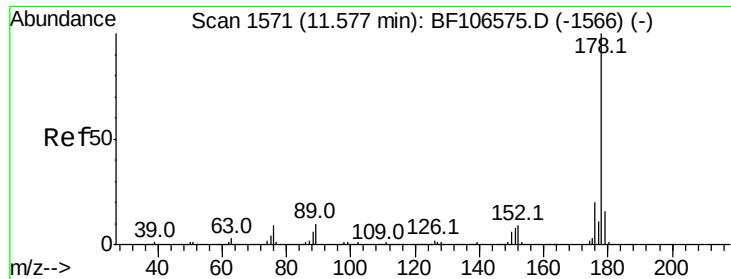


#70
 Phenanthrene
 Concen: 38.616 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.5	13.0	19.6

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





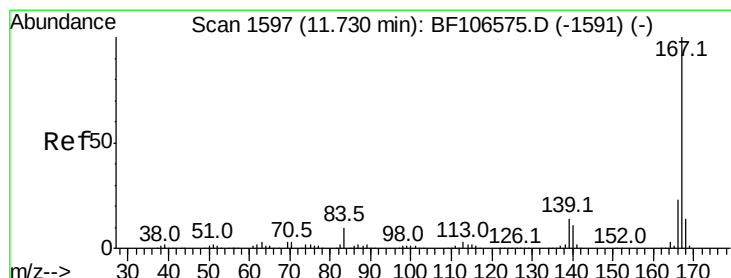
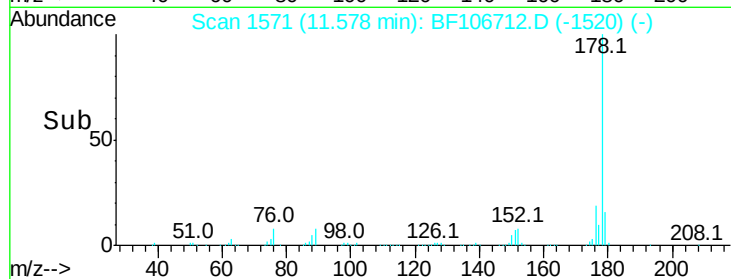
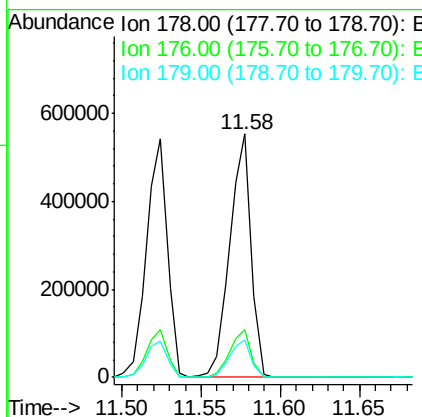
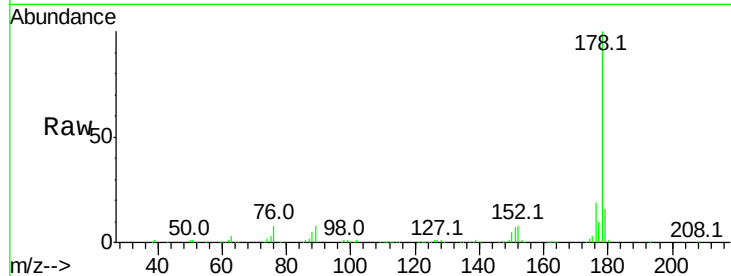
#71
 Anthracene
 Concen: 38.935 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110459BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	12.6	19.0

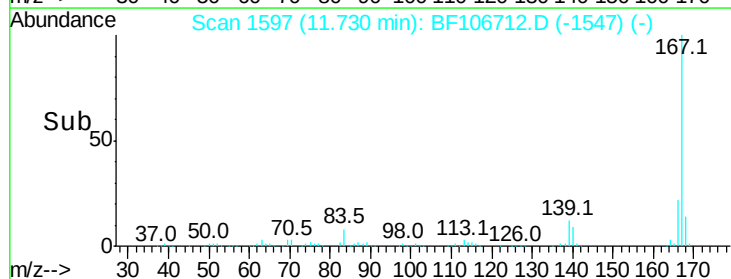
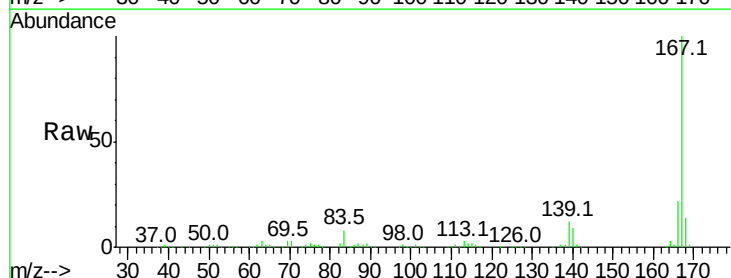
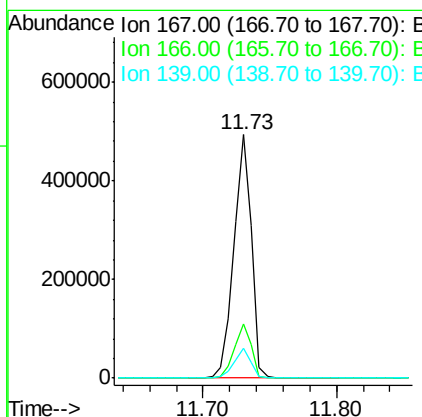
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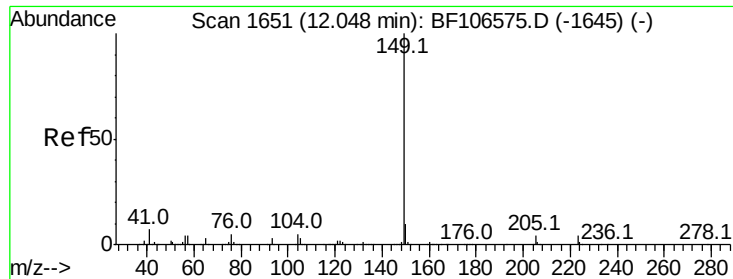
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#72
 Carbazole
 Concen: 36.897 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.108 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

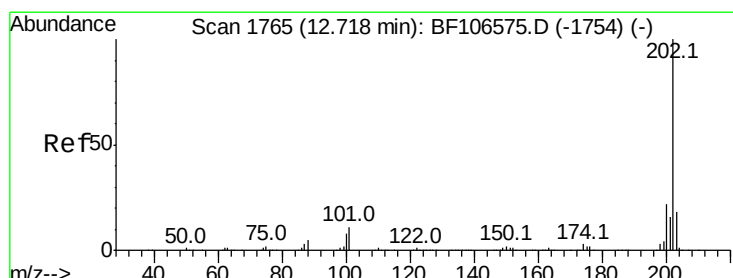
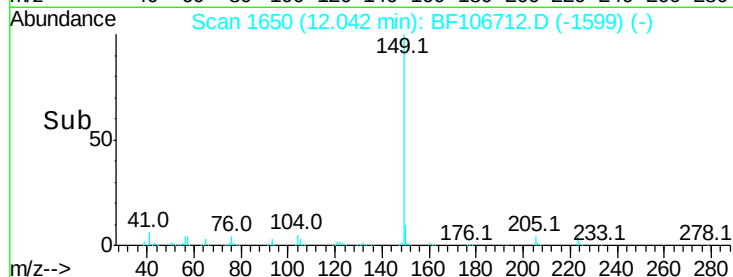
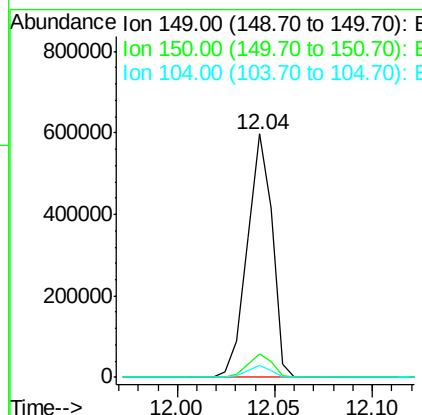
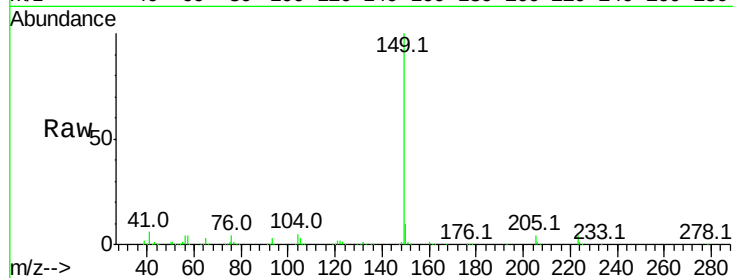
ClientSampleId :

PB110459BSD

Tot Ion:	149	Resp:	527315
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.7	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 38.198 ng

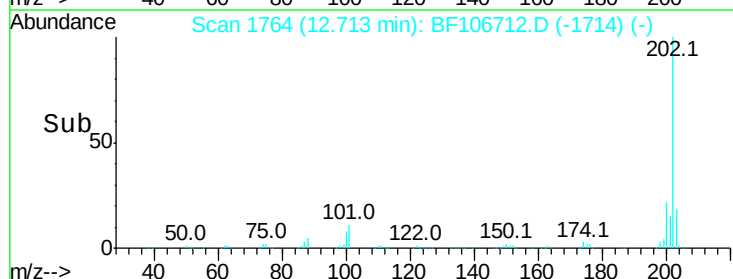
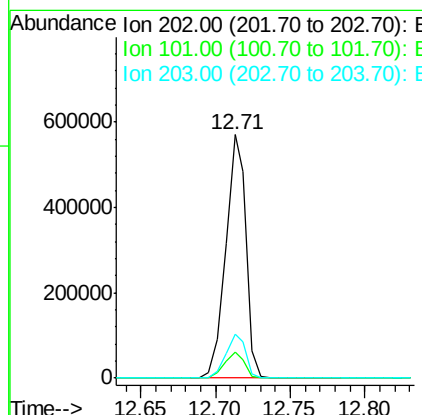
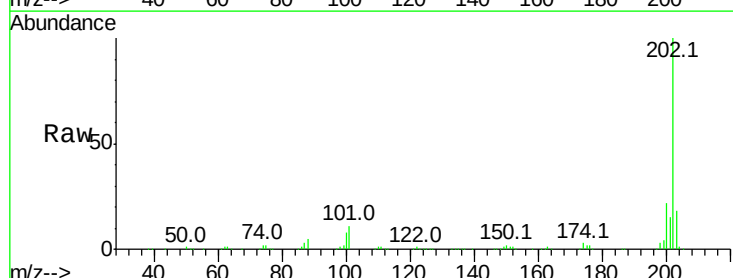
RT: 12.71 min Scan# 1764

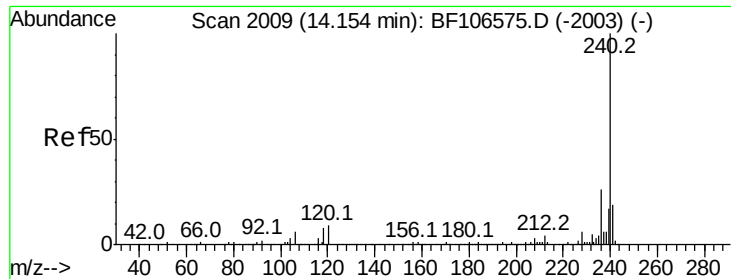
Delta R.T. -0.01 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Tgt Ion:	202	Resp:	546135
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

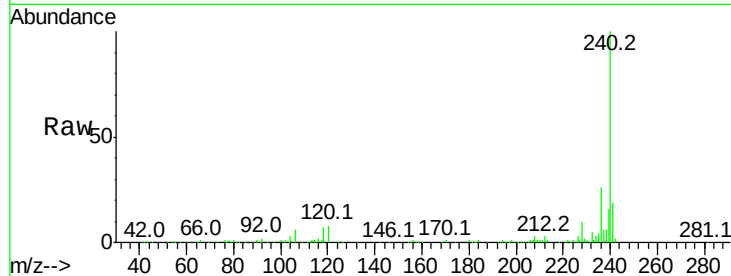
ClientSampleId :

PB110459BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	195904		
120	8.2	9.5	14.3#	
236	26.2	20.7	31.1	

Manual Integrations
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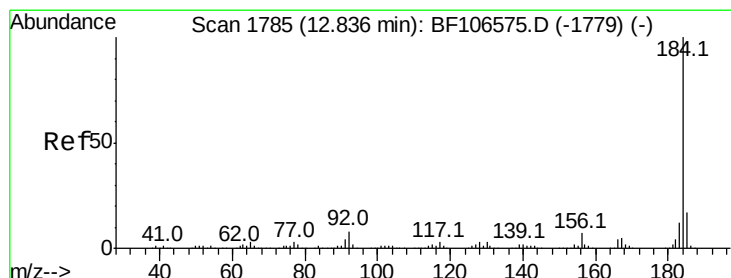
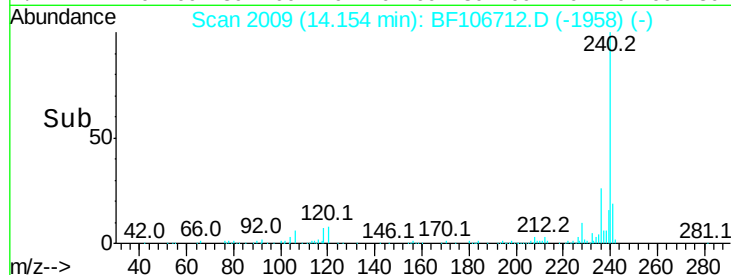
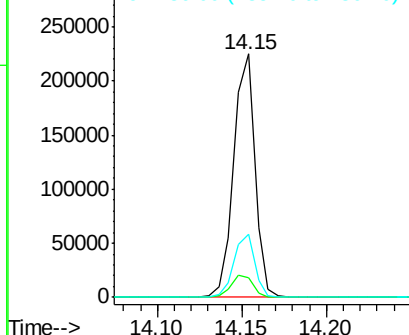
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.835 ng

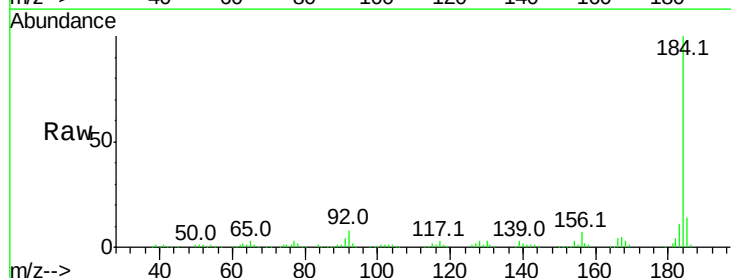
RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

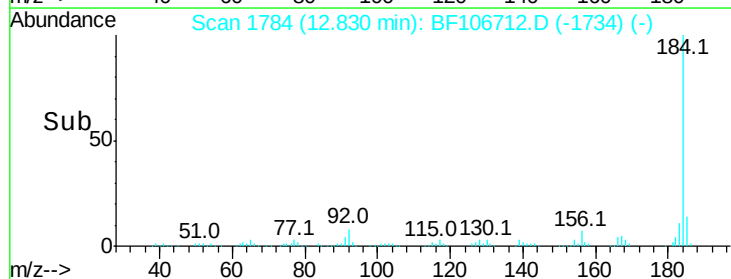
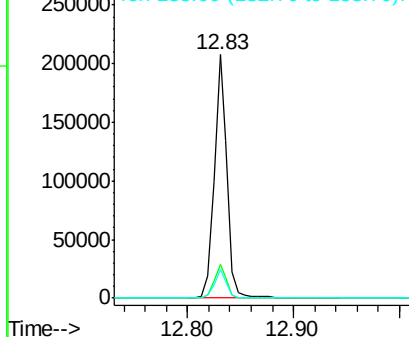
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	177617		
185	13.9	12.6	18.8	
183	11.5	9.3	13.9	

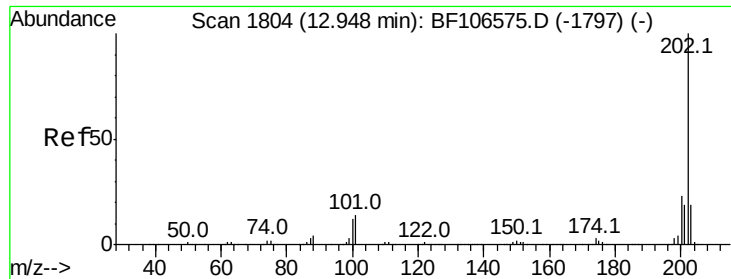


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





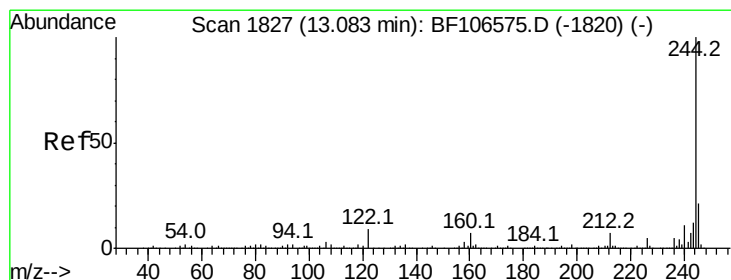
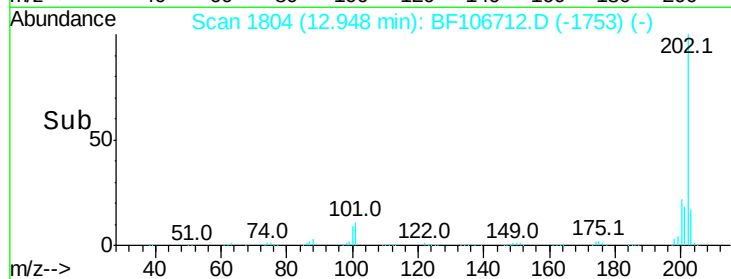
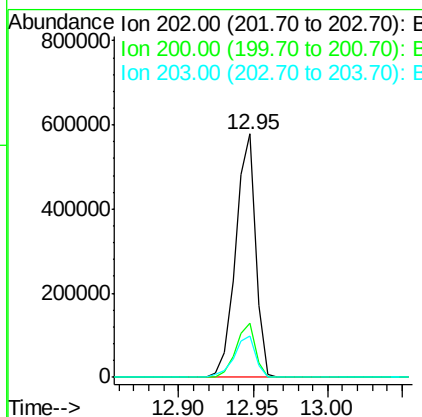
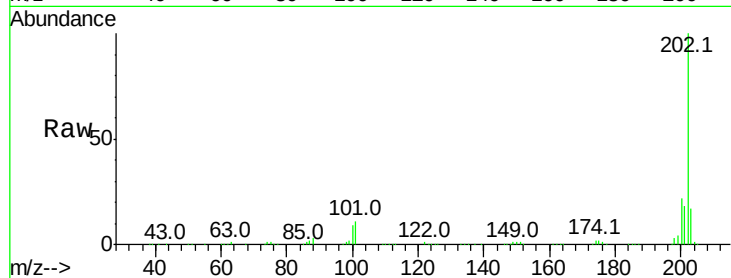
#77
Pvrene
Concen: 42.161 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.3	14.3	21.5

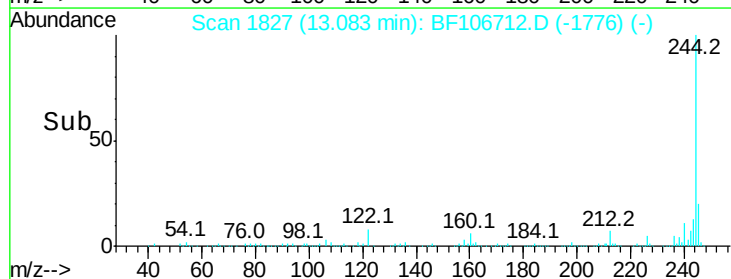
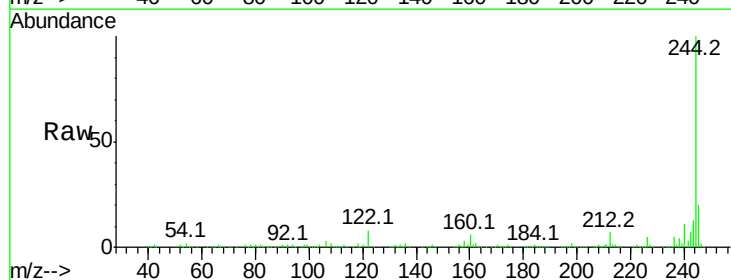
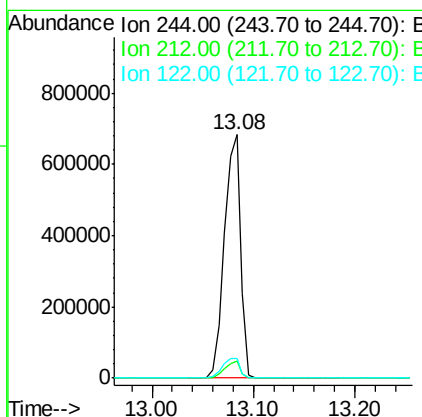
Manual Integrations
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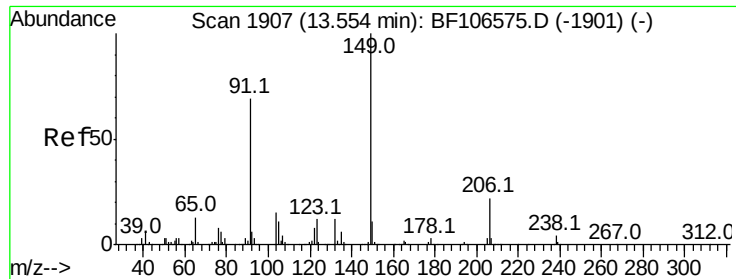
Sohil
6/25/2018 5:16:48 PM



#78
Terphenyl-d14
Concen: 93.430 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	8.2	11.0	16.4





#79

Butylbenzylphthalate

Concen: 39.045 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

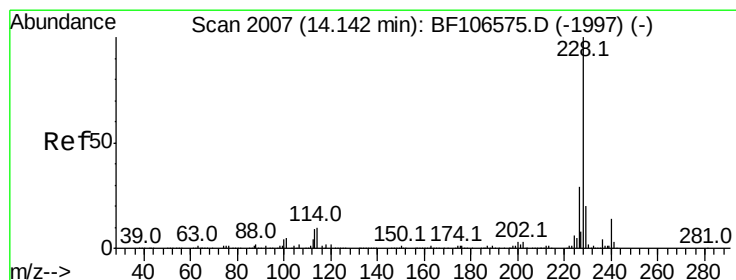
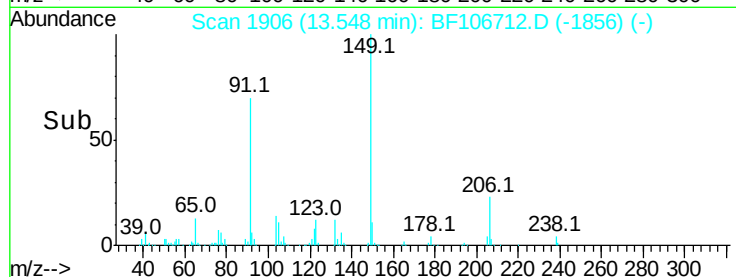
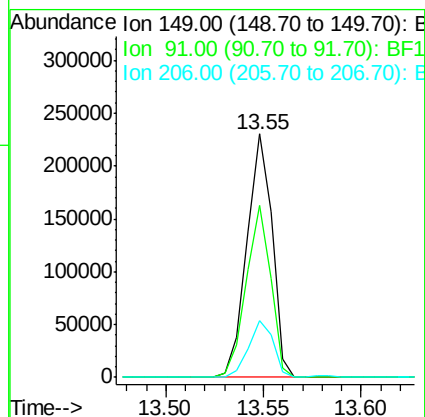
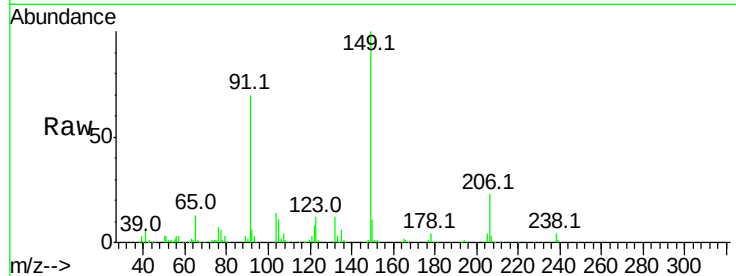
ClientSampleId :

PB110459BSD

Tot Ion:	149	Resp:	207388
Ion Ratio	Lower	Upper	
149	100		
91	70.4	56.8	85.2
206	23.5	14.1	21.1#

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#80

Benzo(a)anthracene

Concen: 38.504 ng

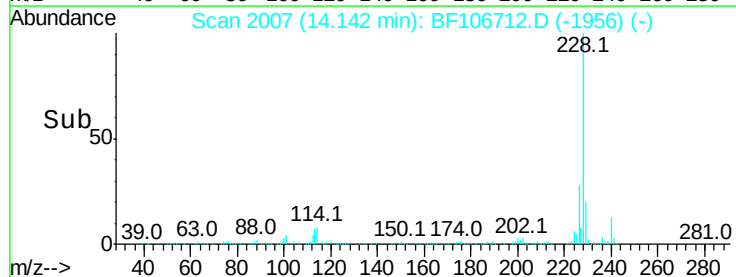
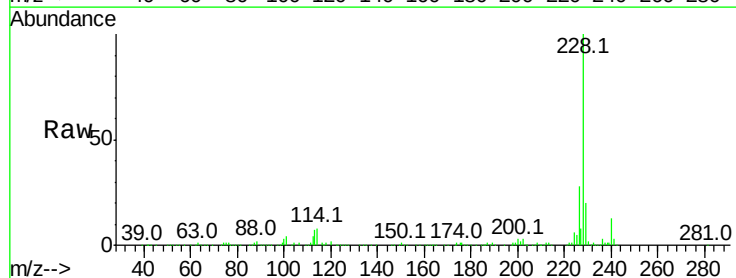
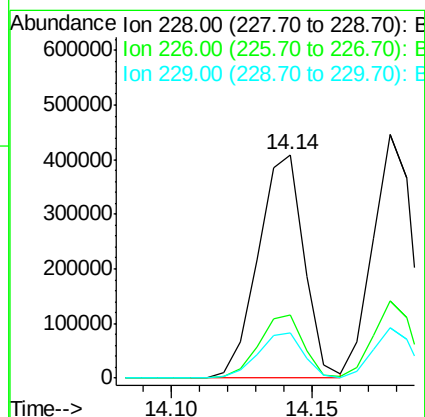
RT: 14.14 min Scan# 2007

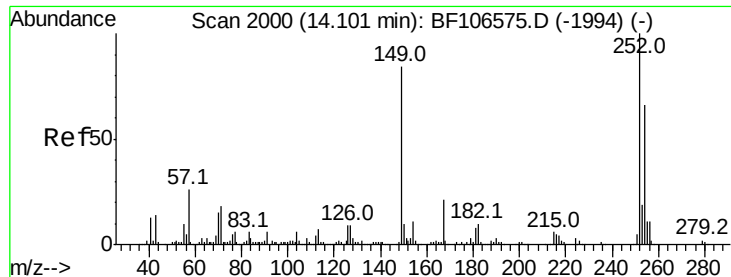
Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Tgt Ion:	228	Resp:	459733
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	33.8
229	20.2	15.8	23.6





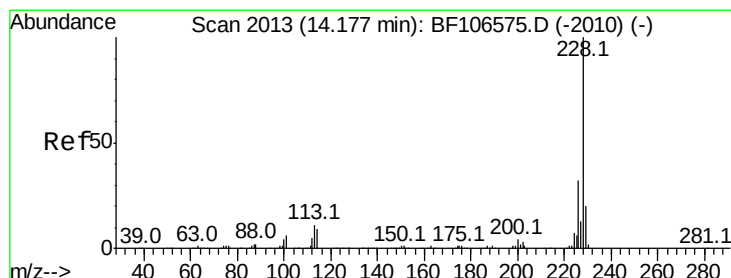
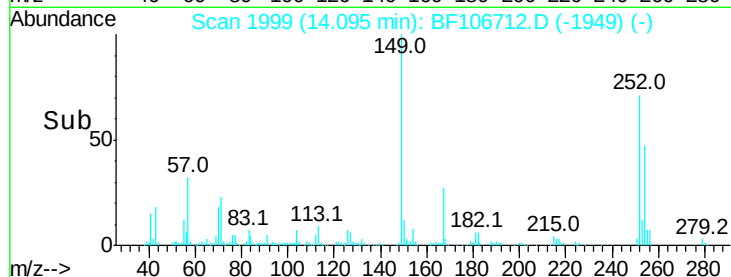
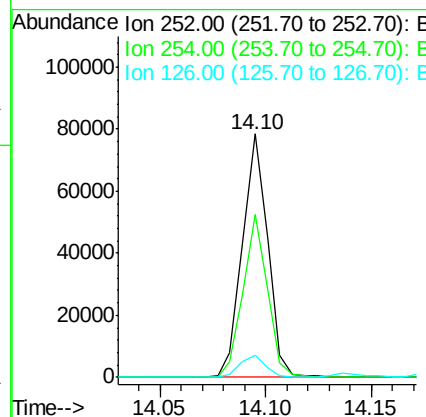
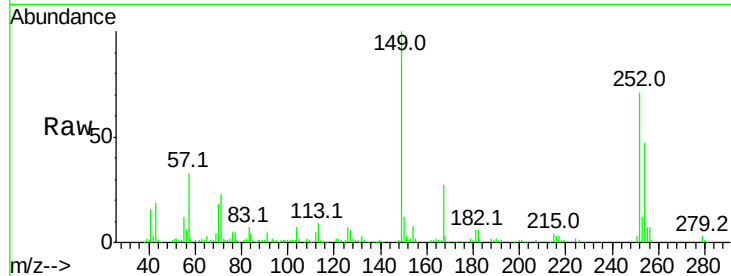
#81
 3,3'-Dichlorobenzidine
 Concen: 15.435 ng
 RT: 14.10 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Instrument :
 BNA_F
 ClientSampled :
 PB110459BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.9	50.4	75.6
126	9.3	11.3	16.9

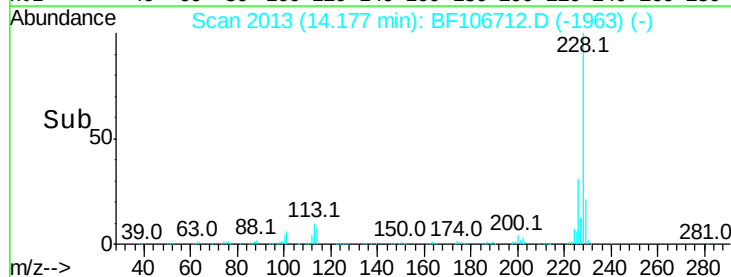
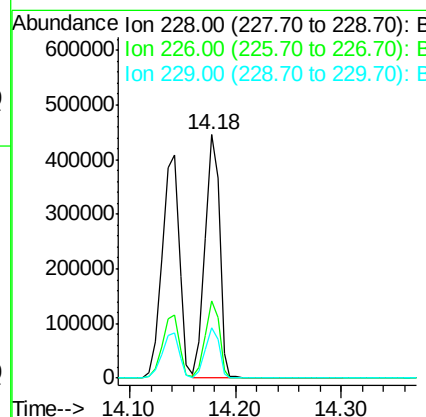
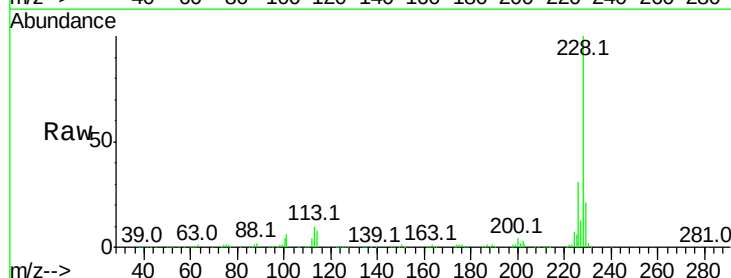
Manual Integrations
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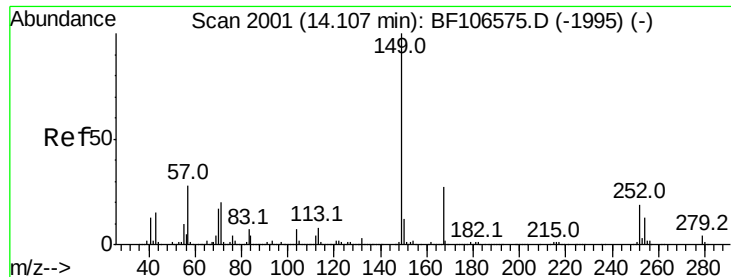
Sohil
 6/25/2018 5:16:48 PM



#82
 Chrysene
 Concen: 38.424 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.6	16.2	24.4





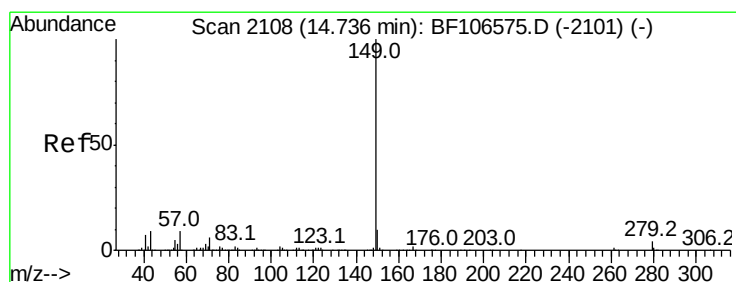
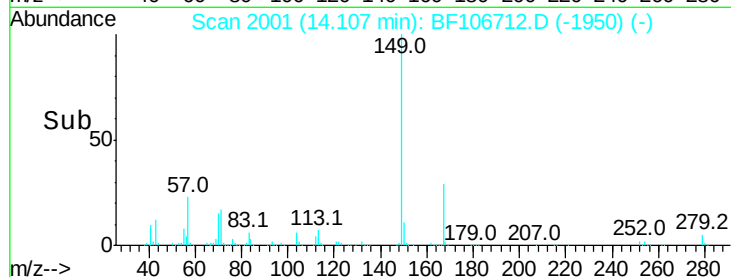
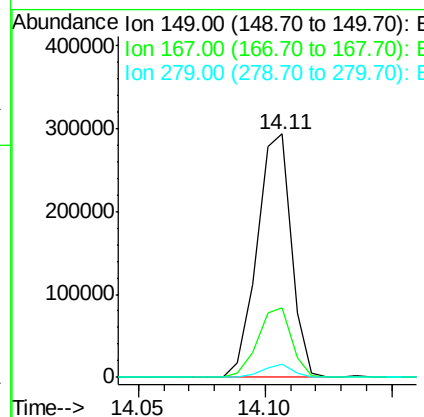
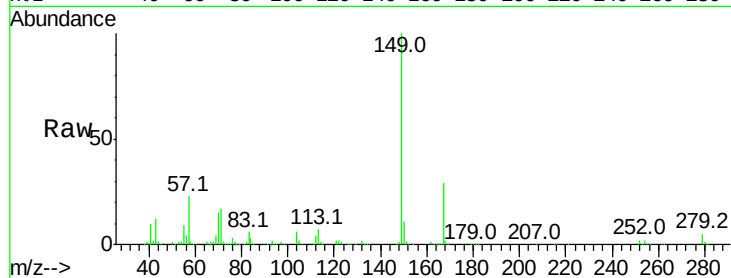
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.707 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110459BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	276420		
167	28.6	21.3	31.9	
279	5.3	3.0	4.4	

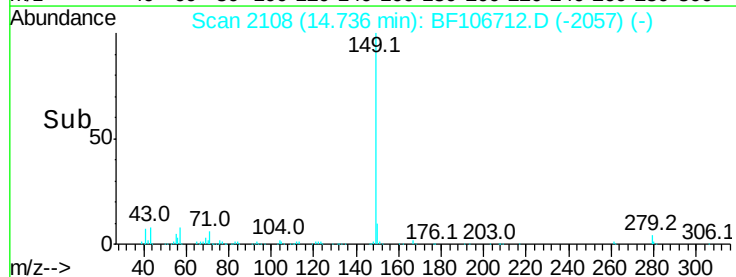
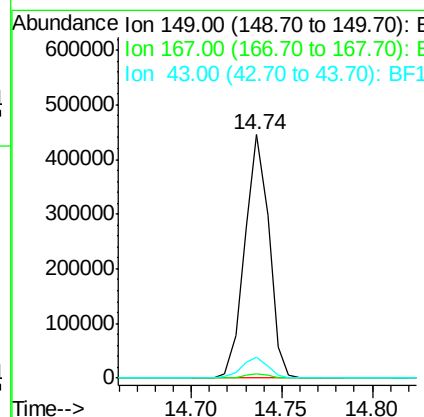
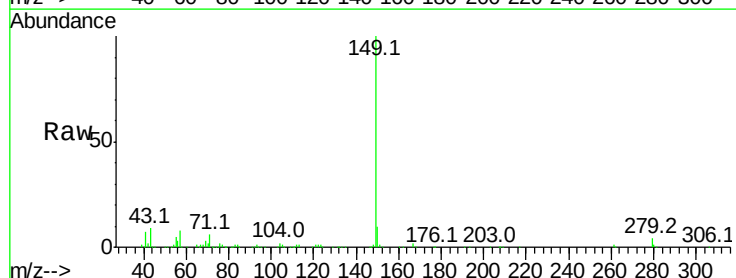
Manual Integrations
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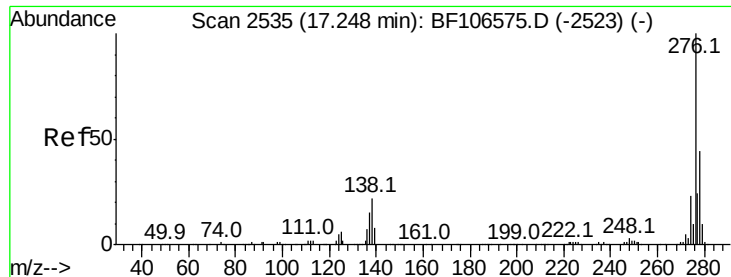
Sohil
 6/25/2018 5:16:48 PM



#84
 Di-n-octyl phthalate
 Concen: 37.270 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BF106712.D
 Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	412532		
167	1.6	1.2	1.8	
43	8.6	8.4	12.6	





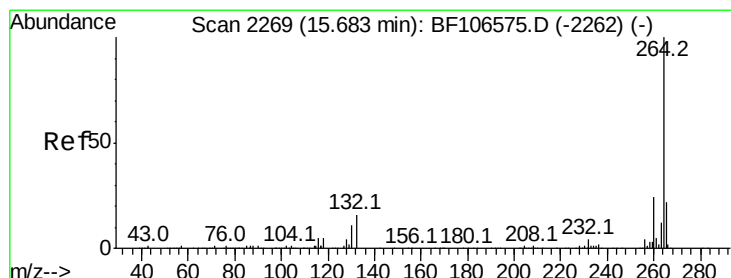
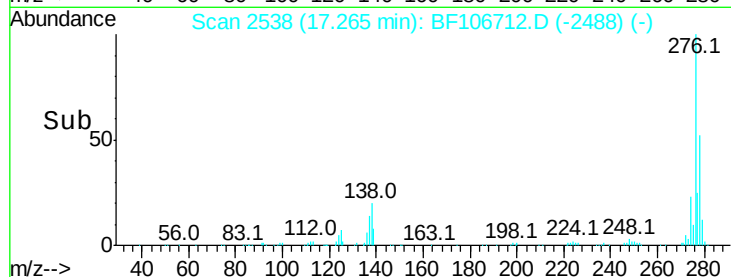
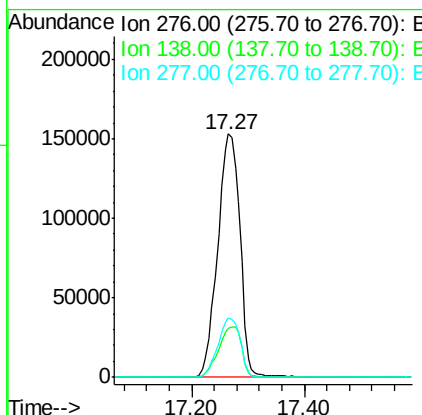
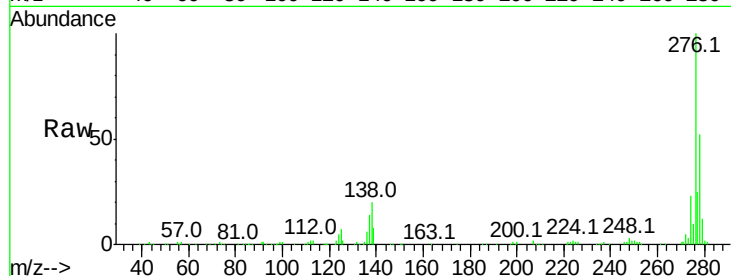
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.075 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	25.0	37.6#
277	24.5	20.1	30.1

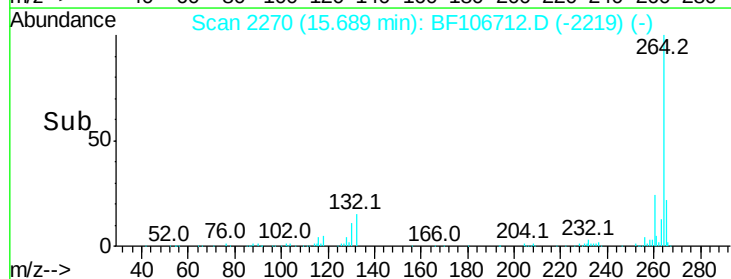
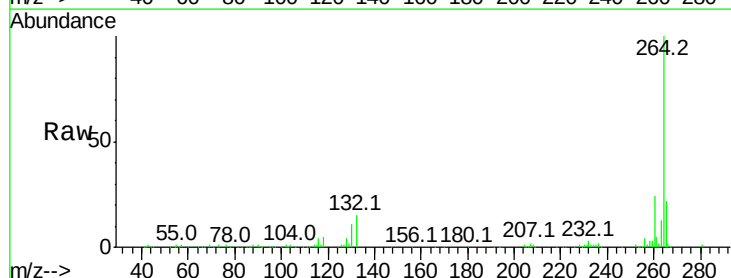
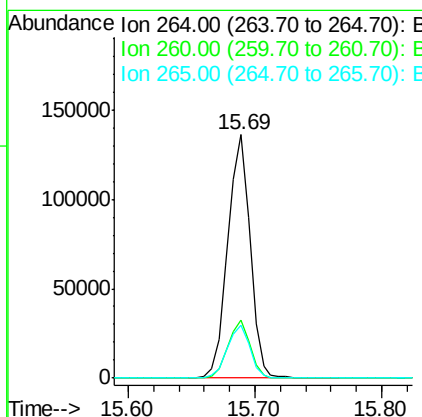
Manual Integrations
APPROVED

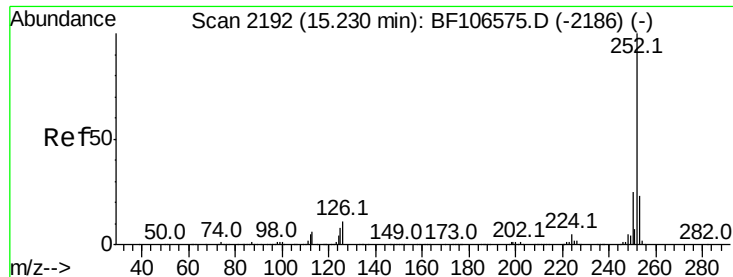
Sohil
6/25/2018 5:16:48 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3





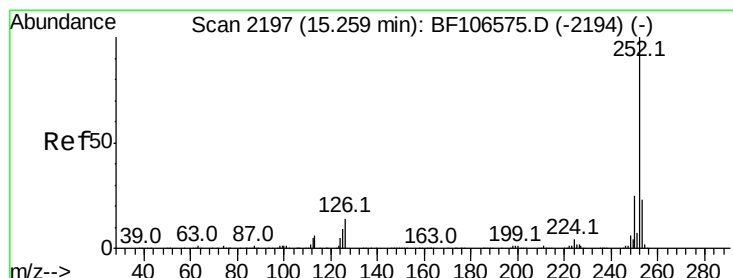
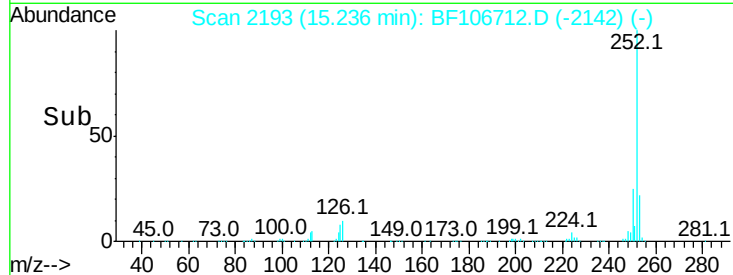
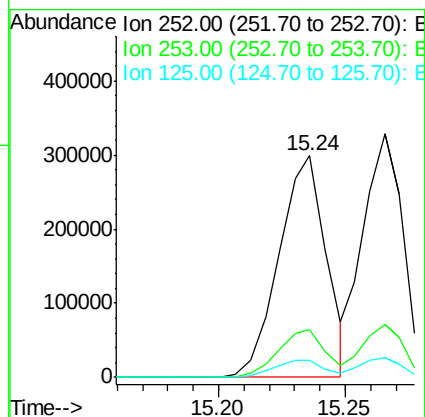
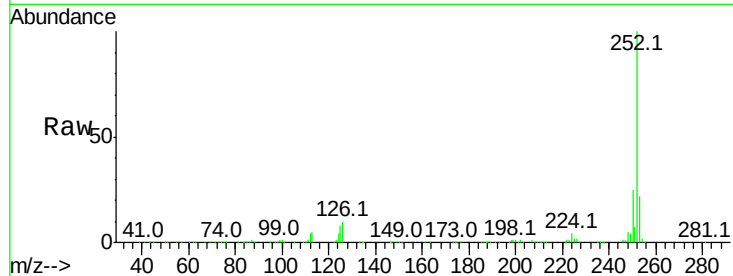
#87
Benzo(b)fluoranthene
Concen: 37.489 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Instrument :
BNA_F
ClientSampleId :
PB110459BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	7.8	9.0	13.6

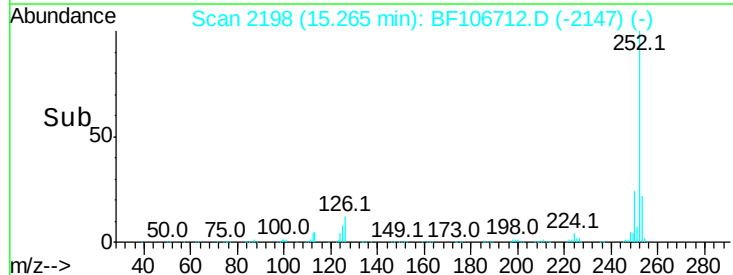
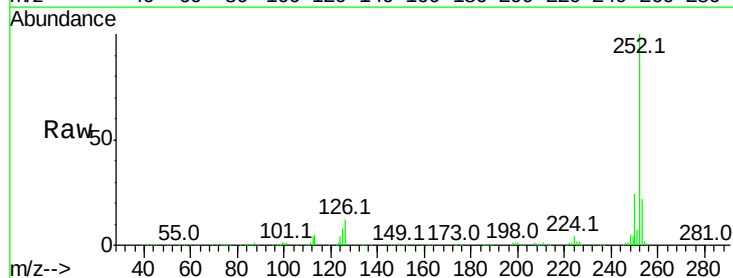
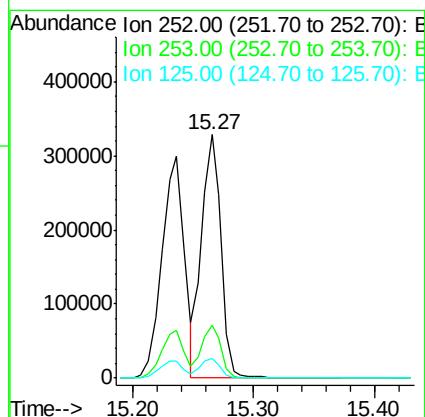
Manual Integrations
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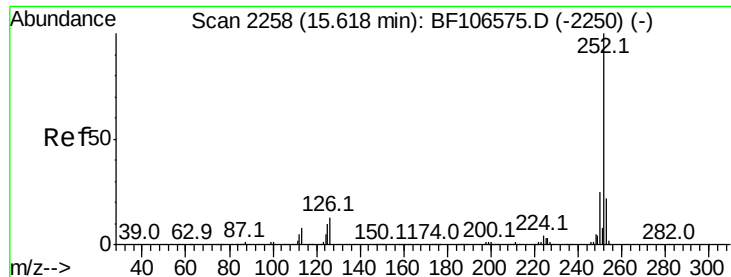
Sohil
6/25/2018 5:16:48 PM



#88
Benzo(k)fluoranthene
Concen: 37.171 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF106712.D
Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	8.3	10.2	15.2





#89

Benzo(a)pyrene

Concen: 40.079 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

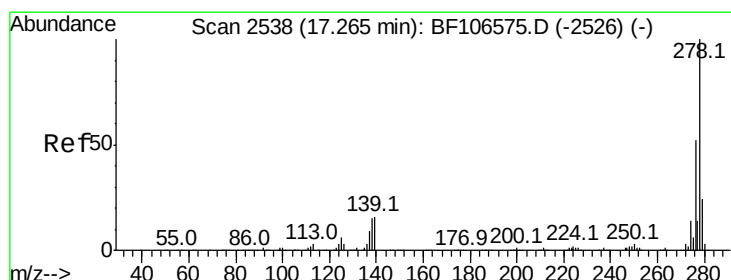
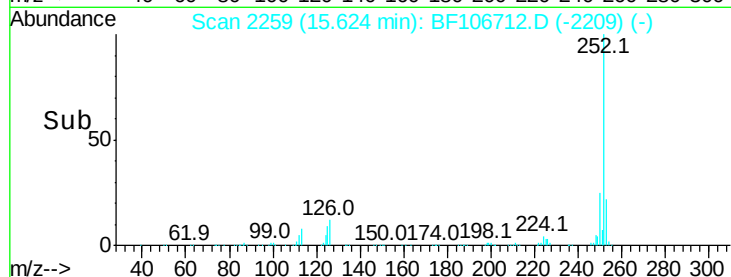
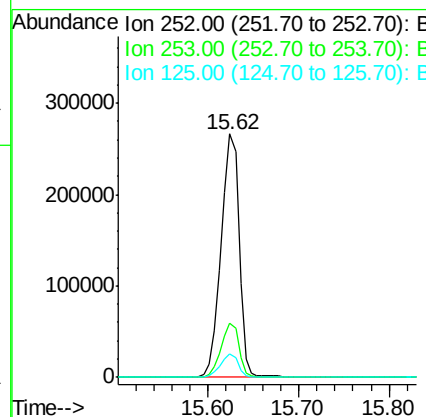
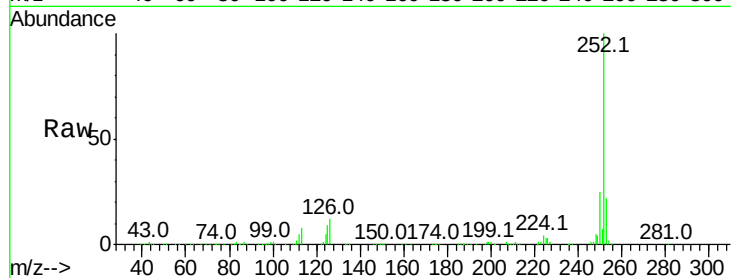
ClientSampleId :

PB110459BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	9.4	9.8	14.6

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 44.049 ng

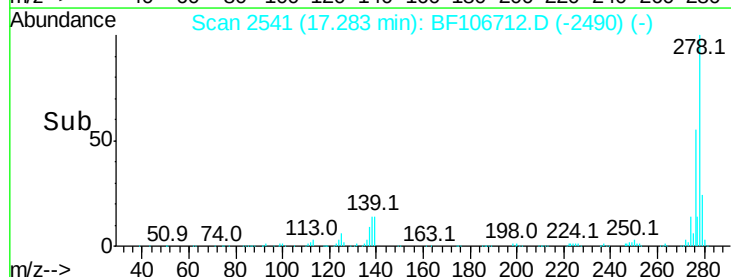
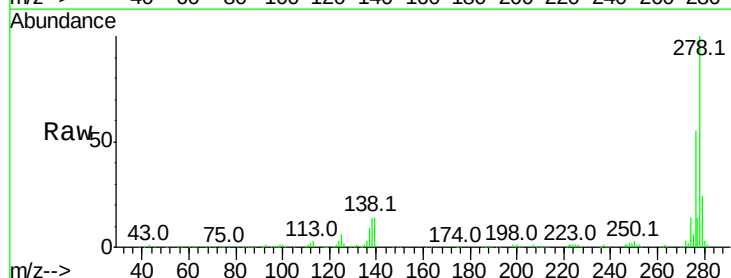
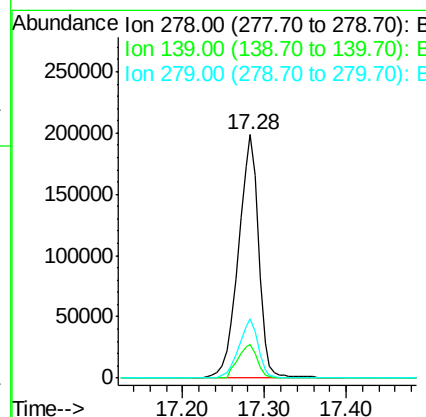
RT: 17.28 min Scan# 2541

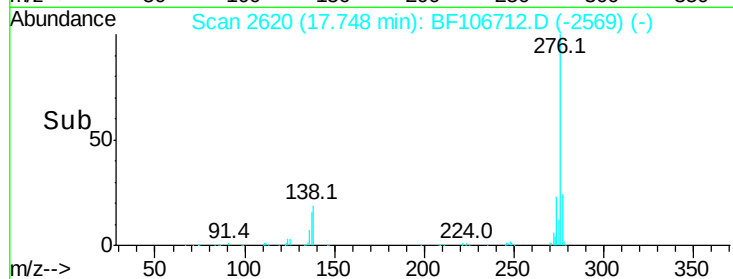
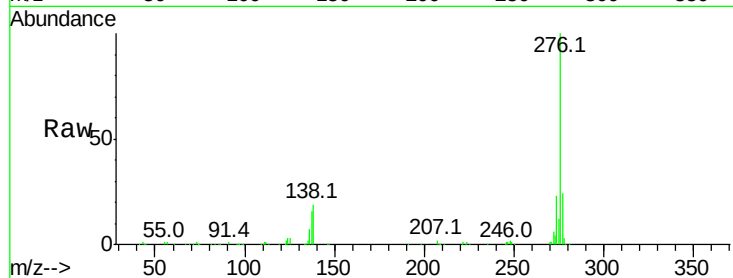
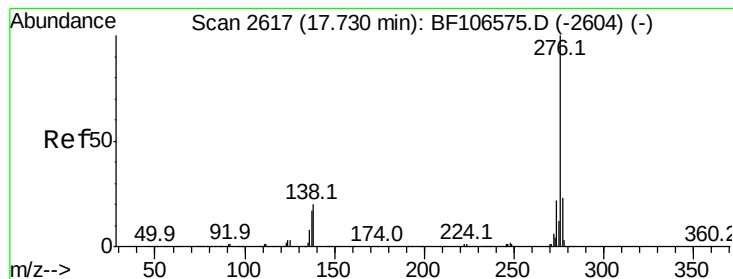
Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	15.9	23.9
279	24.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 47.472 ng

RT: 17.75 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BF106712.D

Acq: 22 Jun 2018 17:04

Instrument :

BNA_F

ClientSampleId :

PB110459BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	18.9	21.8	32.8

Manual Integrations
APPROVED

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