

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106928.D
 Acq On : 28 Jun 2018 18:42
 Operator : JU/SJ
 Sample : PB110677BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Manual Integrations
 APPROVED

Sohil
 6/29/2018 2:30:40 PM

Quant Time: Jun 29 09:08:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70713	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	268775	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	135405	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	264185	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	172621	20.00	ng	-0.02
86) Perylene-d12	15.68	264	163345	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	483054	115.67	ng	0.00
7) Phenol-d6	6.60	99	605290	116.07	ng	-0.01
23) Nitrobenzene-d5	7.52	82	386686	79.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	208977	133.16	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	748634	95.38	ng	-0.01
78) Terphenyl-d14	13.07	244	797007	111.84	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	66586	31.014	ng	99
3) Pyridine	3.65	79	193523	33.237	ng	97
4) n-Nitrosodimethylamine	3.61	42	80227	32.441	ng	88
6) Aniline	6.62	93	164645	23.274	ng	99
8) 2-Chlorophenol	6.75	128	183480	40.059	ng	98
9) Benzaldehyde	6.51	77	106482	27.564	ng	98
10) Phenol	6.61	94	221344	37.191	ng	85
11) bis(2-Chloroethyl)ether	6.69	93	178477	36.325	ng	99
12) 1,3-Dichlorobenzene	6.90	146	216042	40.272	ng	98
13) 1,4-Dichlorobenzene	6.97	146	216139	39.852	ng	97
14) 1,2-Dichlorobenzene	7.12	146	200853	40.409	ng	98
15) Benzyl Alcohol	7.10	79	156572	37.391	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	253007	39.247	ng	84
17) 2-Methylphenol	7.21	107	154801	39.493	ng	# 93
18) Hexachloroethane	7.46	117	73722	38.653	ng	91
19) n-Nitroso-di-n-propylamine	7.37	70	123107	35.812	ng	93
20) 3+4-Methylphenols	7.37	107	191326	45.301	ng	# 69
22) Acetophenone	7.36	105	247891	41.225	ng	# 96
24) Nitrobenzene	7.54	77	195626	39.619	ng	99
25) Isophorone	7.77	82	351880	41.289	ng	98
26) 2-Nitrophenol	7.85	139	101587	43.582	ng	98
27) 2,4-Dimethylphenol	7.89	122	168059	46.646	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	224922	39.307	ng	99
29) 2,4-Dichlorophenol	8.10	162	169472	44.930	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	189015	45.488	ng	97
31) Naphthalene	8.26	128	533411	42.449	ng	100
32) Benzoic acid	8.02	122	75825	31.210	ng	97
33) 4-Chloroaniline	8.31	127	51426	9.753	ng	99
34) Hexachlorobutadiene	8.37	225	124317	45.915	ng	98
35) Caprolactam	8.69	113	51688m	42.038	ng	
36) 4-Chloro-3-methylphenol	8.80	107	168603	42.467	ng	97
37) 2-Methylnaphthalene	8.95	142	397299	47.700	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	208723	45.772	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	140713	59.977	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	120316	39.694	nq	94
43) 2,4,5-Trichlorophenol	9.28	196	123189	38.948	nq	90
45) 1,1'-Biphenyl	9.41	154	472066	43.746	nq	98
46) 2-Chloronaphthalene	9.44	162	350599	41.275	nq	96
47) 2-Nitroaniline	9.54	65	102301	35.816	nq	97
48) Acenaphthylene	9.86	152	551640	41.135	nq	99
49) Dimethylphthalate	9.71	163	403140	39.697	nq	98
50) 2,6-Dinitrotoluene	9.78	165	94129	43.771	nq #	84
51) Acenaphthene	10.03	154	330641	39.153	nq	98
52) 3-Nitroaniline	9.95	138	39382	15.914	nq	97
53) 2,4-Dinitrophenol	10.07	184	78737	71.062	nq #	20
54) Dibenzofuran	10.20	168	516626	44.677	nq	97
55) 4-Nitrophenol	10.14	139	90877	52.612	nq	96
56) 2,4-Dinitrotoluene	10.19	165	122685	43.707	nq	90
57) Fluorene	10.55	166	395403	43.091	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	110977	44.140	nq #	77
59) Diethylphthalate	10.41	149	374939	38.252	nq #	94
60) 4-Chlorophenyl-phenylether	10.53	204	205829	42.871	nq #	88
61) 4-Nitroaniline	10.58	138	92879	37.818	nq	93
62) Azobenzene	10.70	77	359215	37.215	nq	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	65963	40.393	nq #	71
65) n-Nitrosodiphenylamine	10.65	169	342011	38.489	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	141609	44.914	nq #	81
67) Hexachlorobenzene	11.10	284	149477	45.297	nq #	84
68) Atrazine	11.18	200	121119	42.876	nq	94
69) Pentachlorophenol	11.30	266	93317	56.674	nq	99
70) Phenanthrene	11.51	178	571371	44.841	nq	99
71) Anthracene	11.57	178	593669	45.646	nq	99
72) Carbazole	11.72	167	500217	41.079	nq	98
73) Di-n-butylphthalate	12.04	149	543576	37.892	nq	99
74) Fluoranthene	12.71	202	588355	41.892	nq	96
76) Benzidine	12.82	184	207248	42.156	nq	97
77) Pyrene	12.94	202	574416	50.462	nq	100
79) Butylbenzylphthalate	13.54	149	189964	40.589	nq #	88
80) Benzo(a)anthracene	14.13	228	462301	43.942	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	67683	18.304	nq #	96
82) Chrysene	14.17	228	433488	44.786	nq	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	222058	37.112	nq	97
84) Di-n-octyl phthalate	14.72	149	325097	33.332	nq	95
85) Indeno(1,2,3-cd)pyrene	17.25	276	540450	65.797	nq #	89
87) Benzo(b)fluoranthene	15.22	252	427031	42.085	nq #	95
88) Benzo(k)fluoranthene	15.25	252	374393	38.746	nq #	95
89) Benzo(a)pyrene	15.61	252	412019	45.677	nq #	96
90) Dibenzo(a,h)anthracene	17.27	278	441797	57.792	nq #	90
91) Benzo(g,h,i)perylene	17.74	276	476405	63.758	nq #	89

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

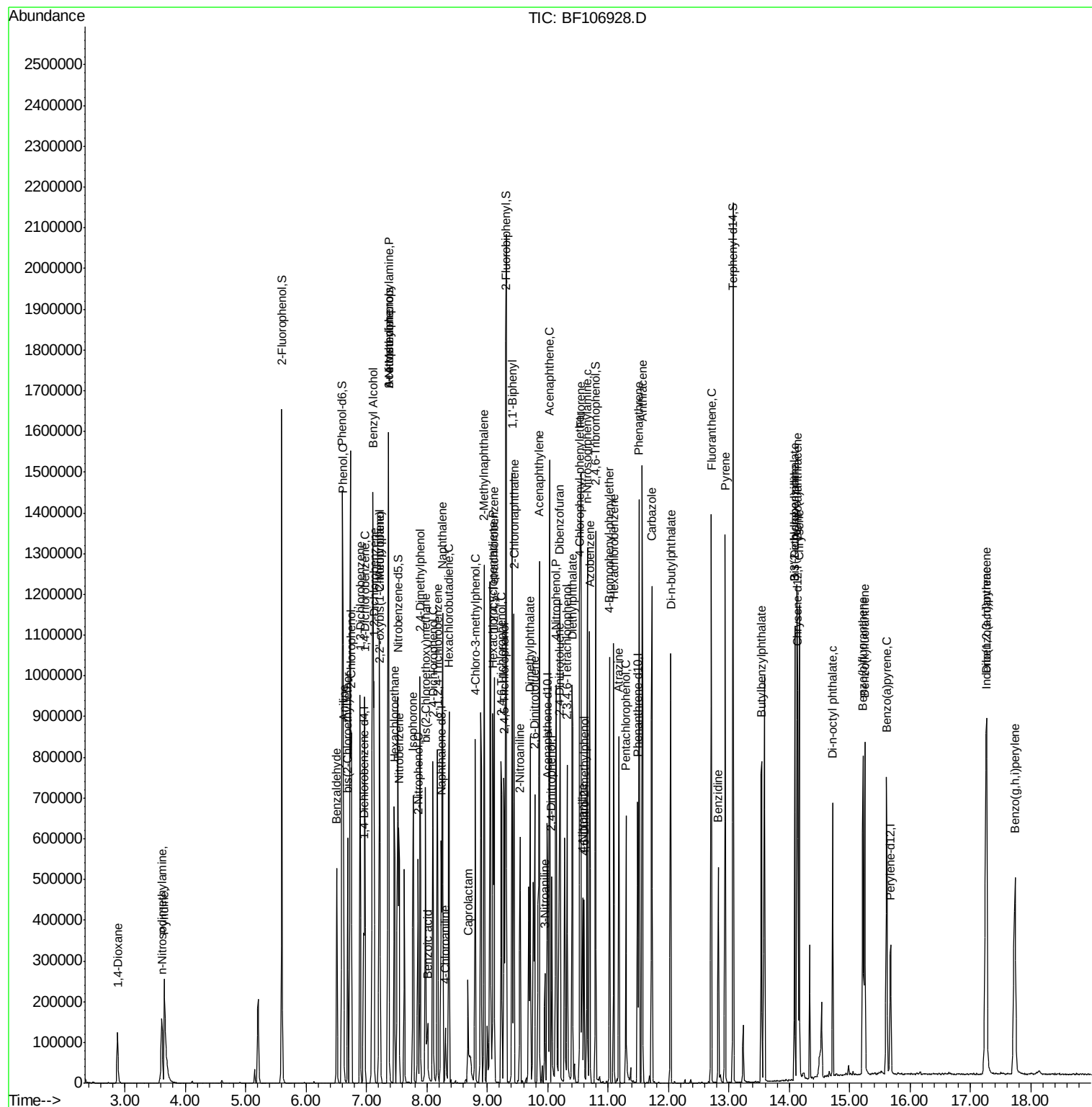
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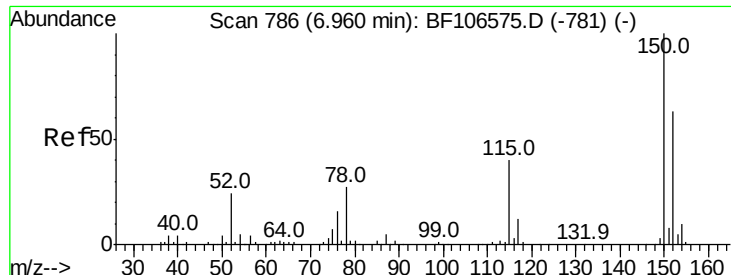
Instrument :
BNA_F
Client Sampled :
PB110677BS

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#1

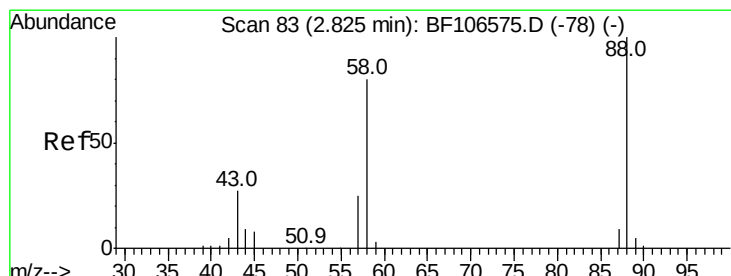
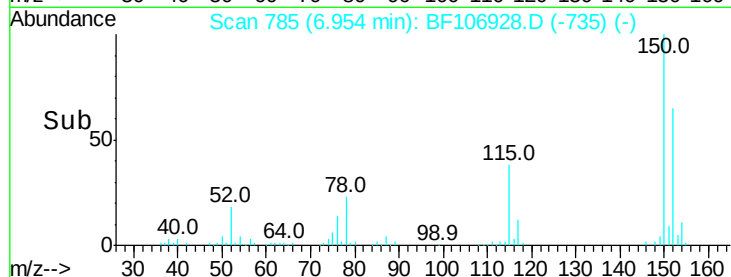
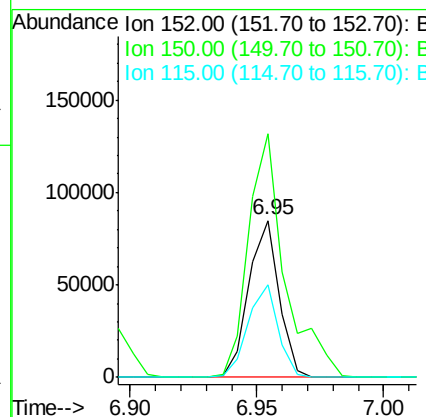
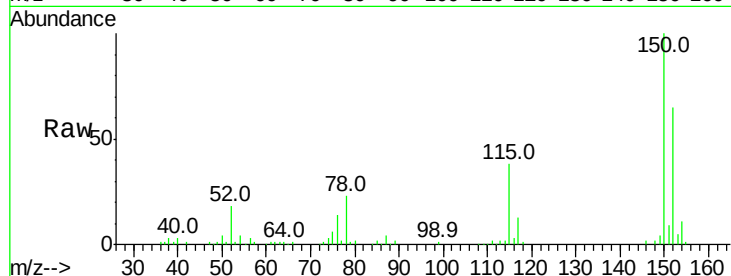
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	58.6	50.1	75.1

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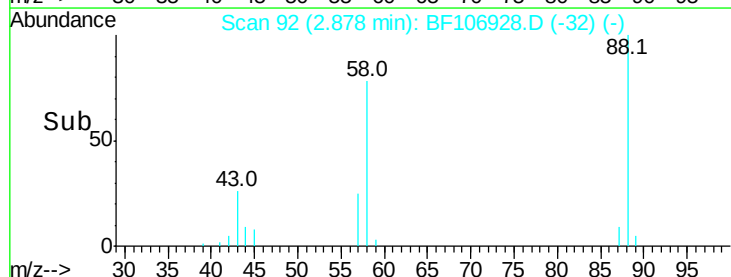
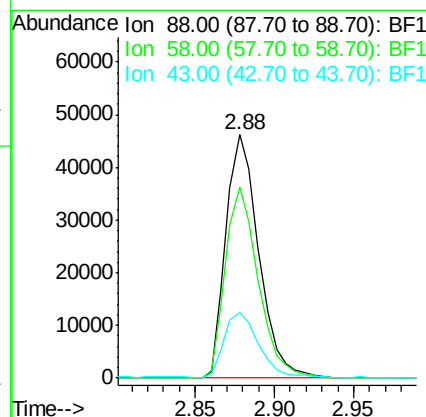
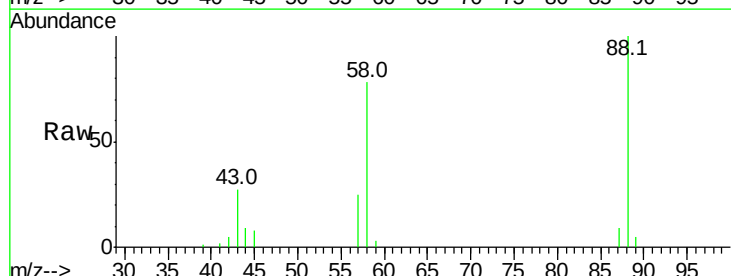
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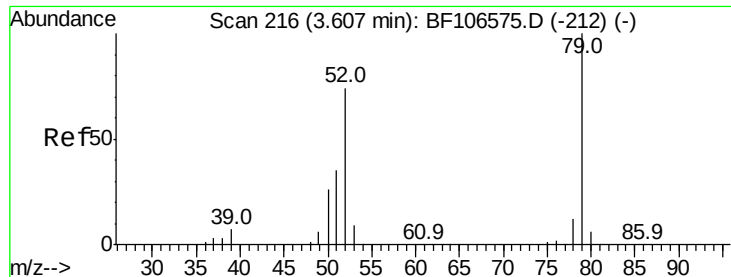


#2

1,4-Dioxane
Concen: 31.014 ng
RT: 2.88 min Scan# 92
Delta R.T. 0.05 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.9	62.6	93.8
43	28.6	24.6	37.0





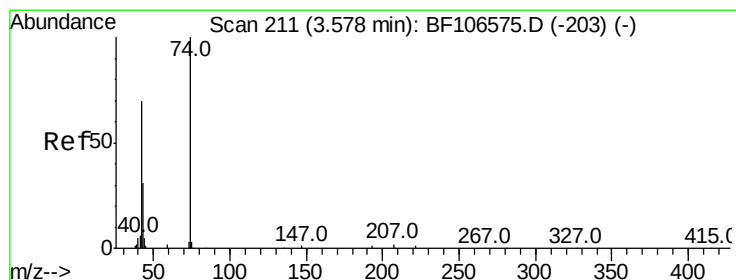
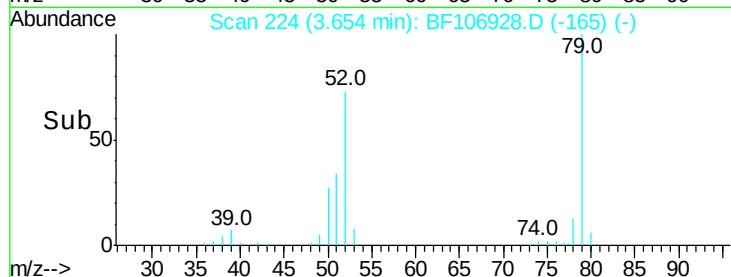
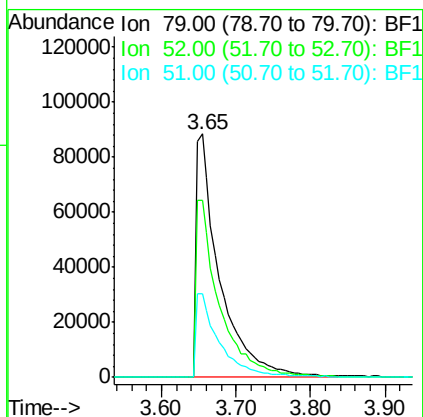
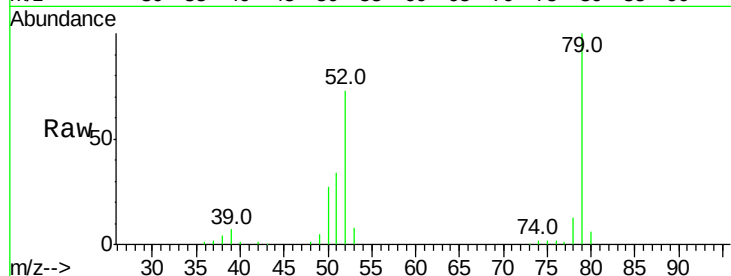
#3
 Pvridine
 Concen: 33.237 ng
 RT: 3.65 min Scan# 224
 Delta R.T. 0.05 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	72.8	59.8	89.6		
51	34.2	29.8	44.8		

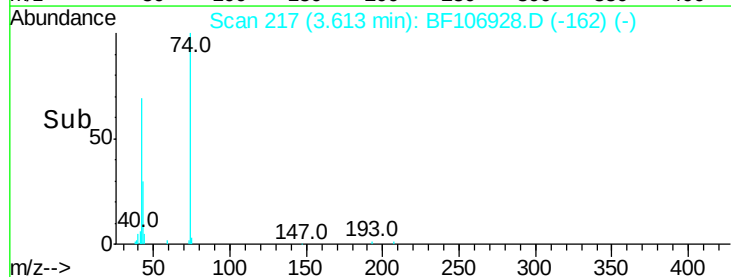
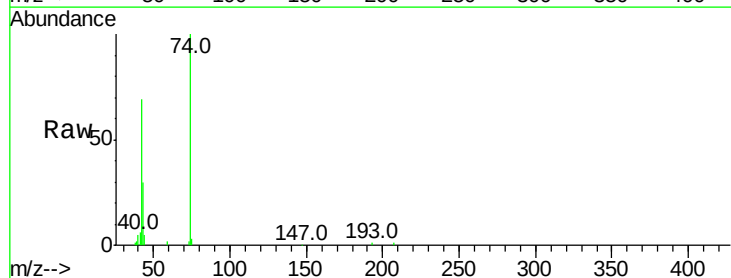
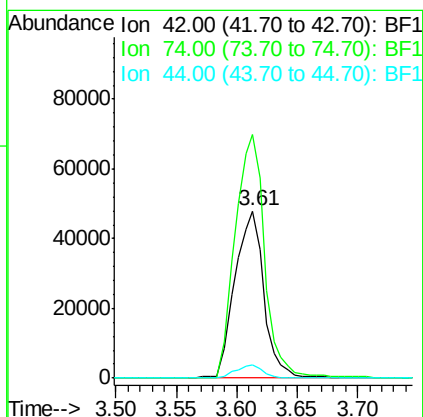
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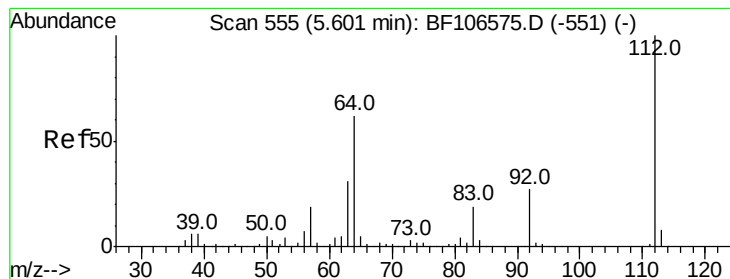
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#4
 n-Nitrosodimethylamine
 Concen: 32.441 ng
 RT: 3.61 min Scan# 217
 Delta R.T. 0.02 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	145.4	104.9	157.3		
44	7.7	6.9	10.3		





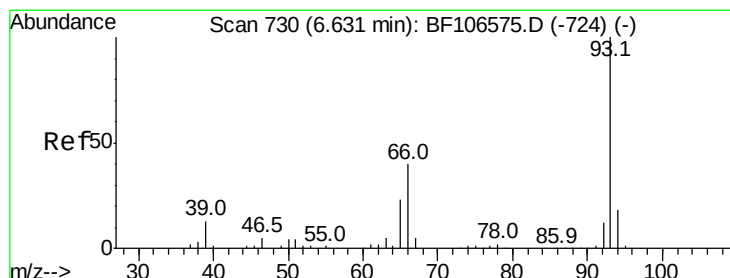
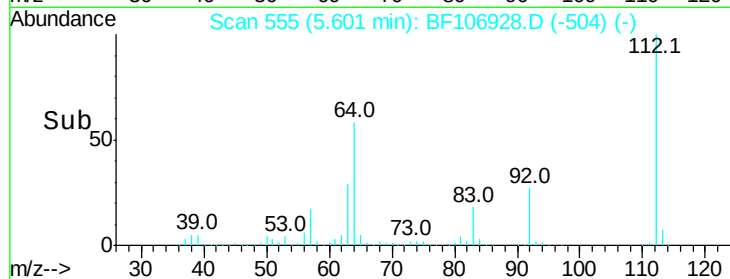
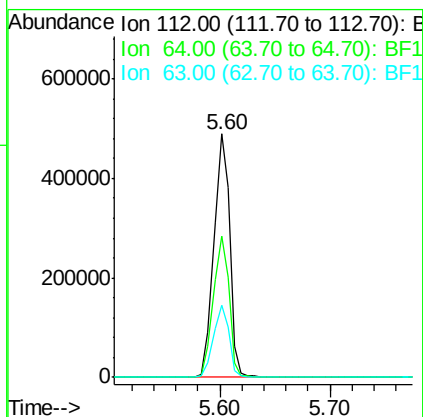
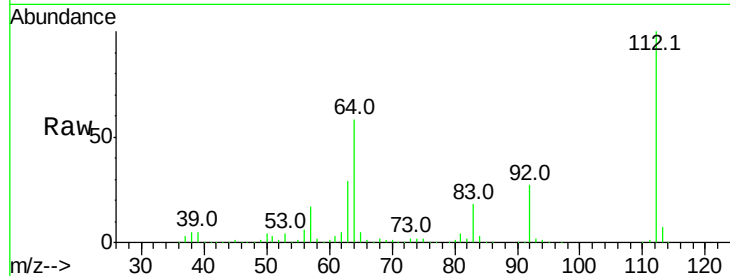
#5
 2-Fluorophenol
 Concen: 115.674 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	483054		
64	58.2	47.9	71.9	
63	29.5	23.7	35.5	

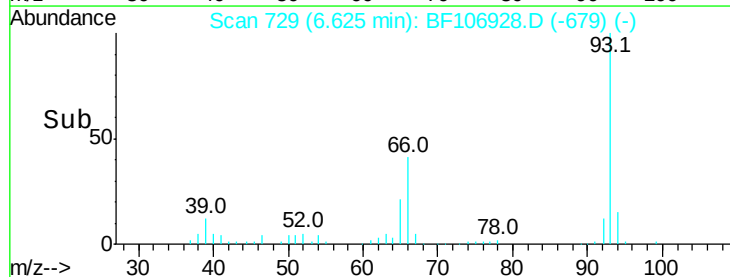
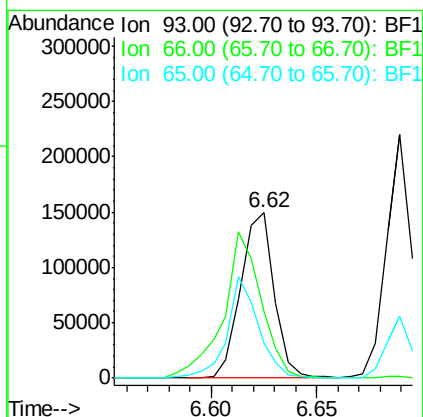
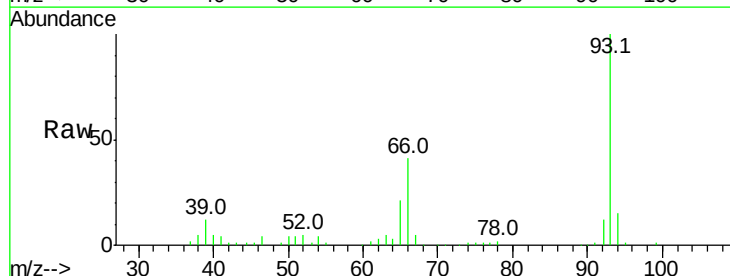
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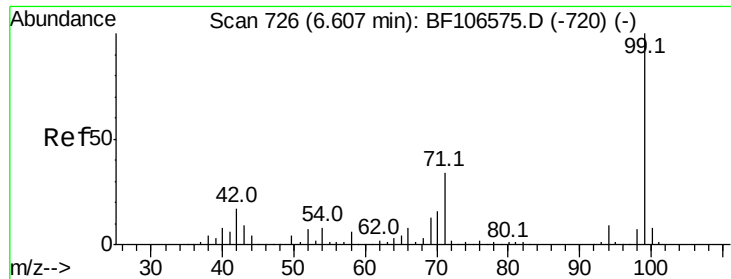
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#6
 Aniline
 Concen: 23.274 ng
 RT: 6.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF106928.D
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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	164645		
66	40.6	32.2	48.2	
65	20.8	16.4	24.6	





#7

Phenol-d6

Concen: 116.067 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

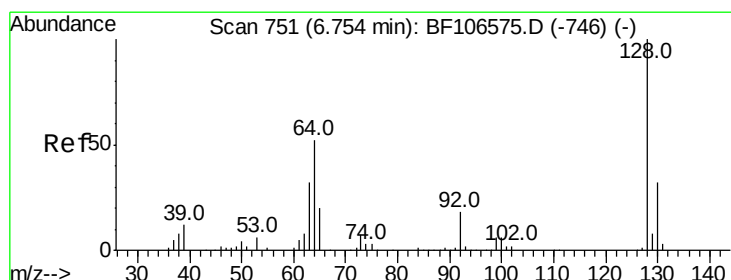
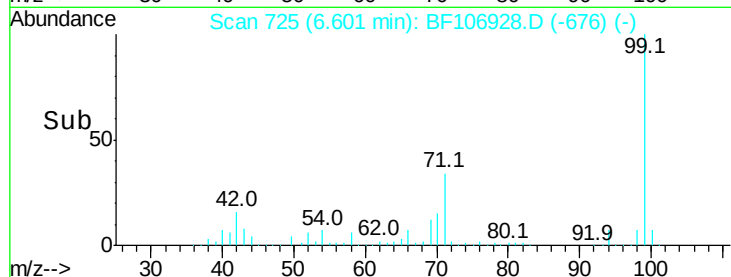
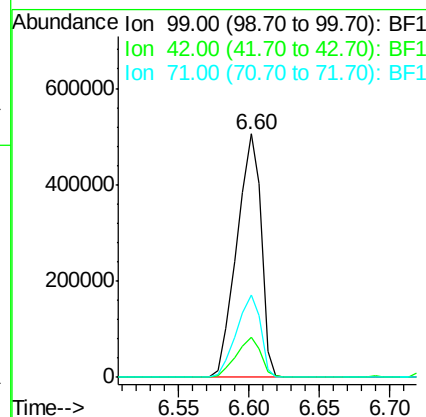
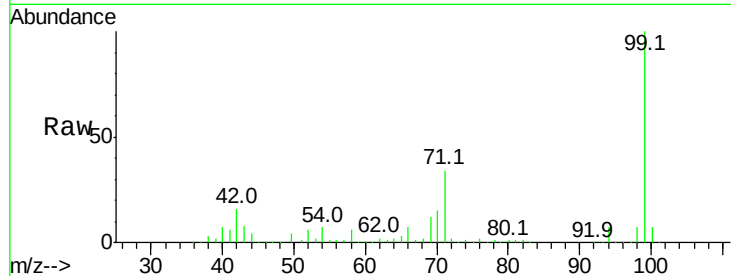
ClientSampleId :

PB110677BS

Tot Ion	Ratio	Resp	Lower	Upper
99	100	605290		
42	16.5		14.5	21.7
71	34.0		25.4	38.0

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#8

2-Chlorophenol

Concen: 40.059 ng

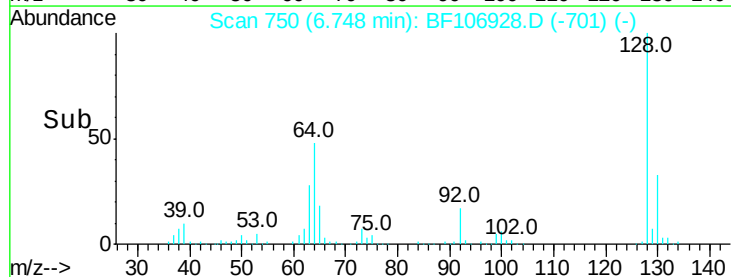
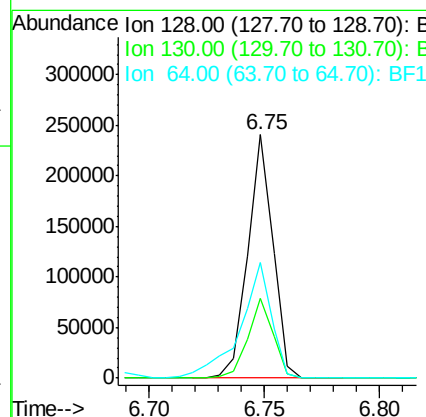
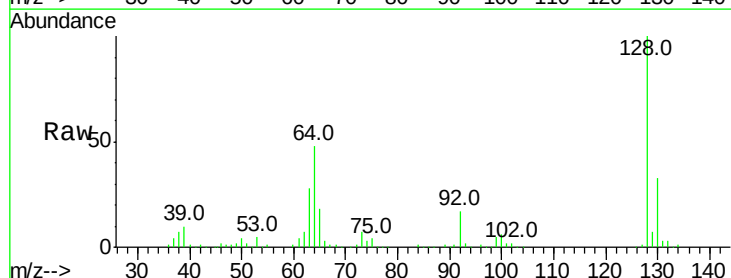
RT: 6.75 min Scan# 750

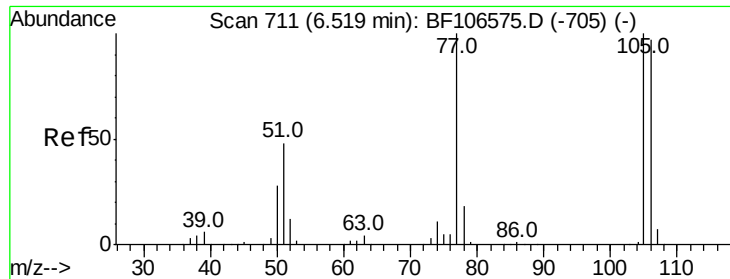
Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	183480		
130	32.7		13.0	53.0
64	47.5		29.4	69.4





#9

Benzaldehyde

Concen: 27.564 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

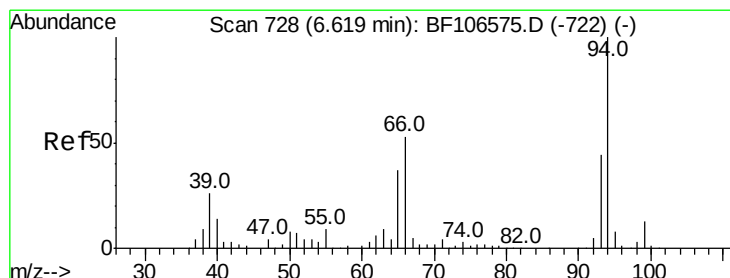
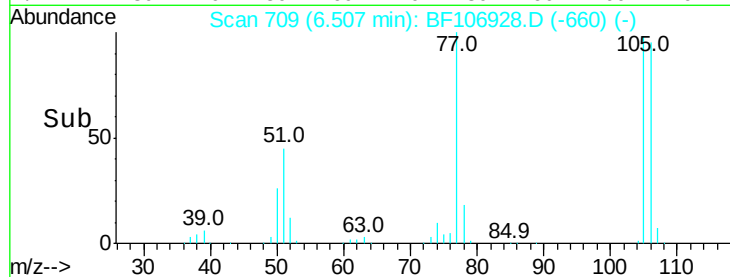
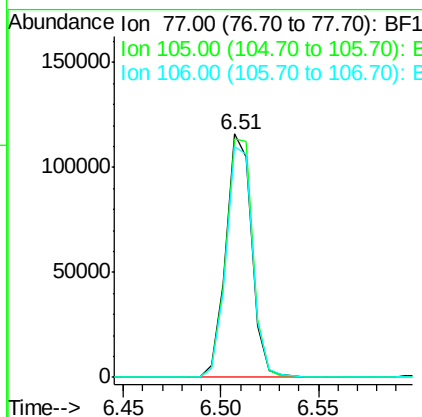
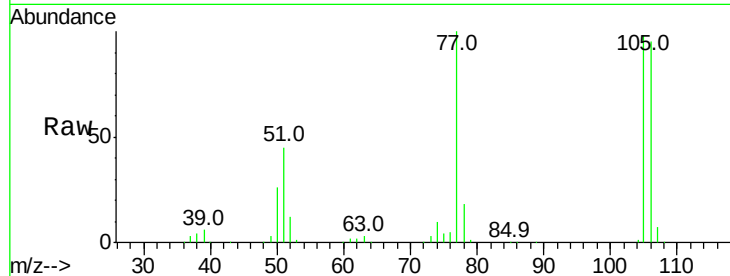
ClientSampleId :

PB110677BS

Tot Ion:	77	Resp:	106482
Ion	Ratio	Lower	Upper
77	100		
105	98.2	81.1	121.1
106	94.8	74.5	114.5

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#10

Phenol

Concen: 37.191 ng

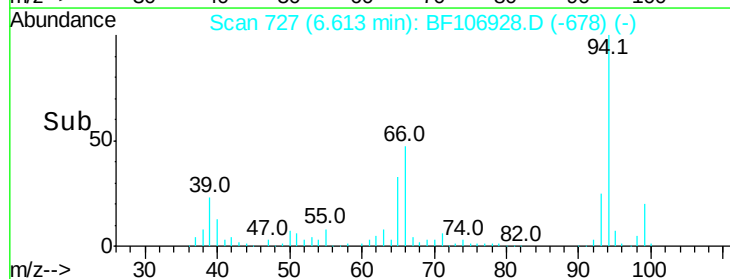
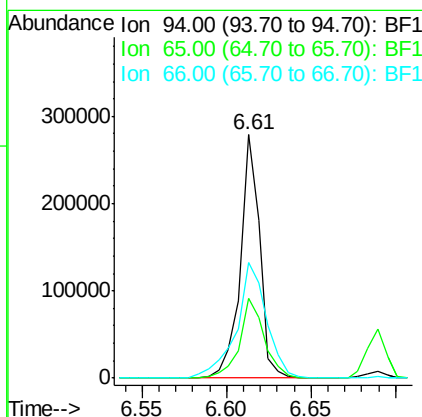
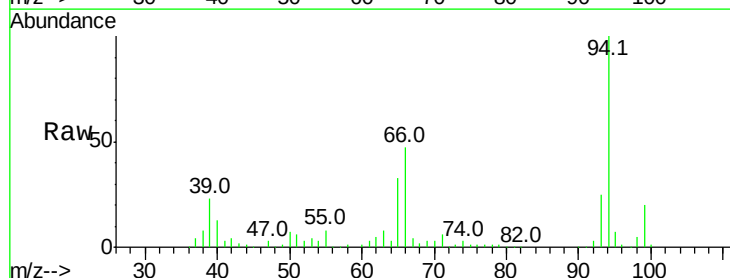
RT: 6.61 min Scan# 727

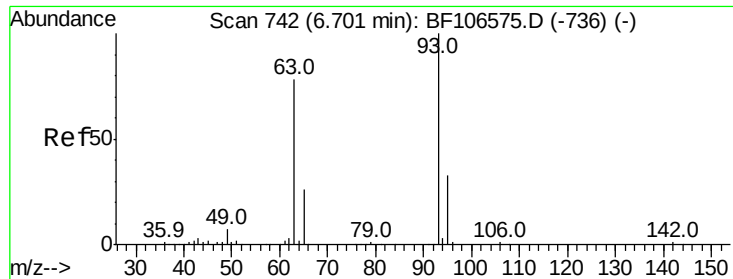
Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Tgt Ion:	94	Resp:	221344
Ion	Ratio	Lower	Upper
94	100		
65	32.8	7.9	47.9
66	47.4	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.325 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

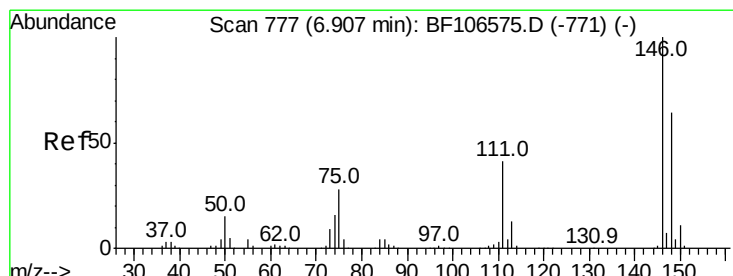
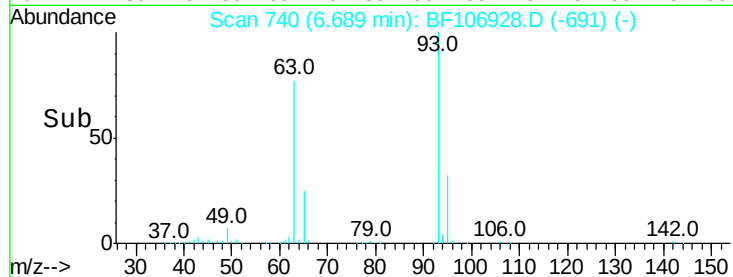
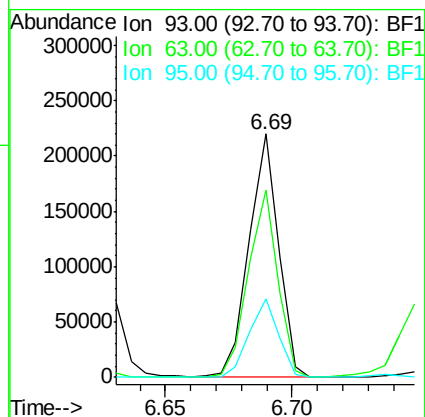
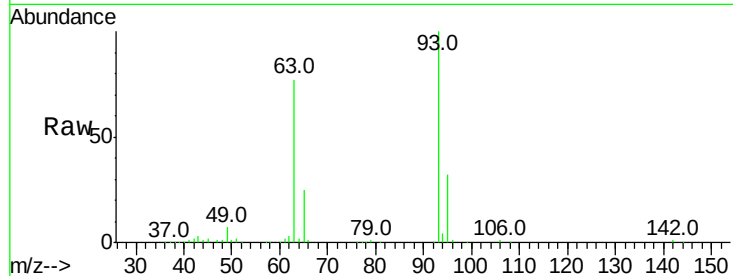
ClientSampleId :

PB110677BS

Tot Ion:	93	Resp:	178477
Ion Ratio	Lower	Upper	
93	100		
63	77.1	58.6	98.6
95	32.3	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 40.272 ng

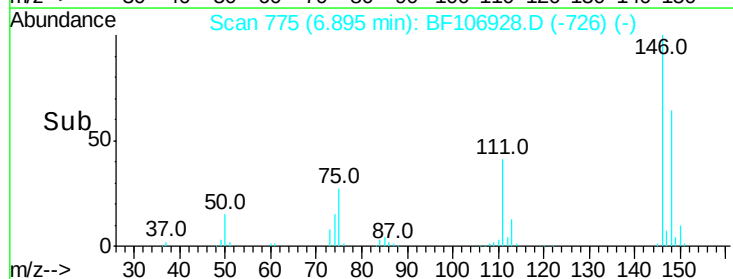
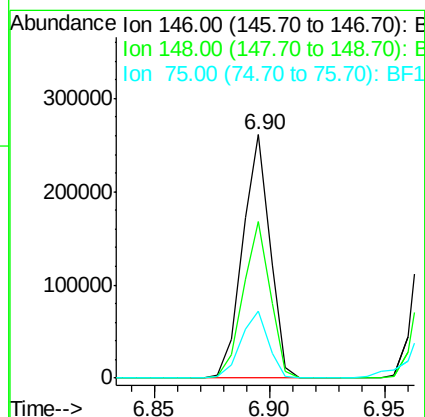
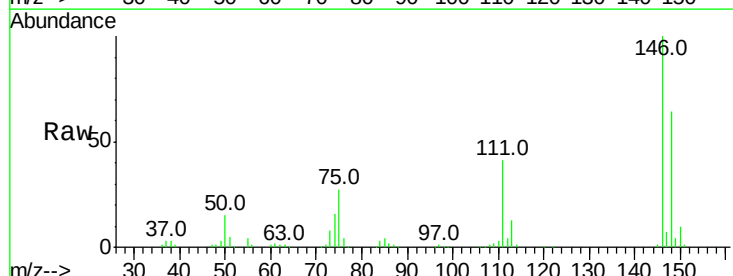
RT: 6.90 min Scan# 775

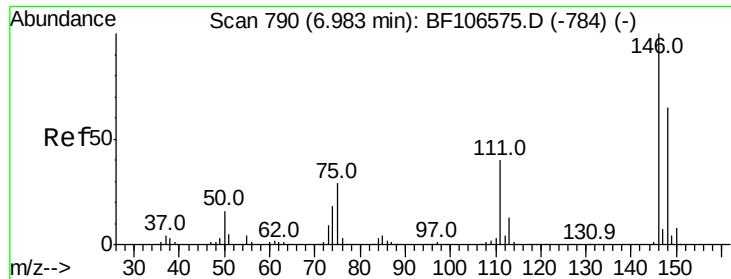
Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Tgt Ion:	146	Resp:	216042
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	27.5	24.2	36.4





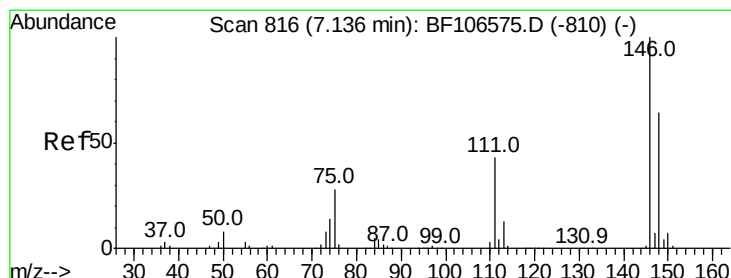
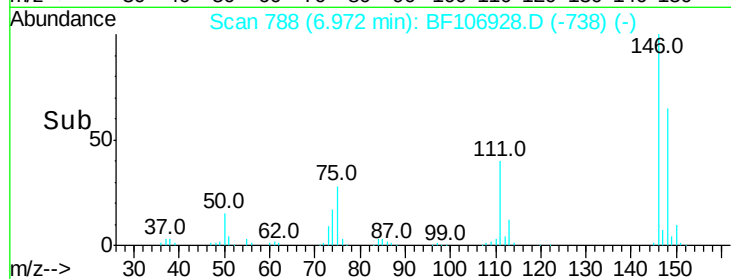
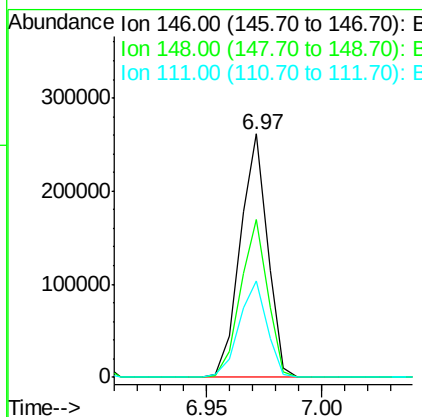
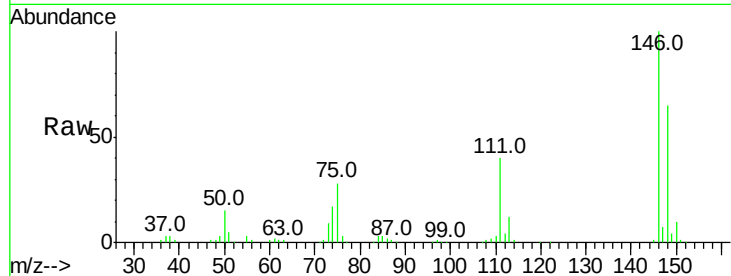
#13
 1,4-Dichlorobenzene
 Concen: 39.852 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	39.6	34.2	51.2

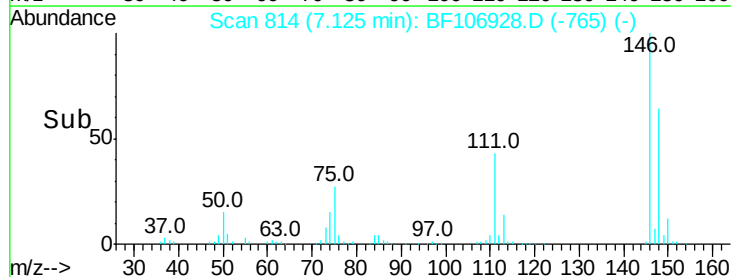
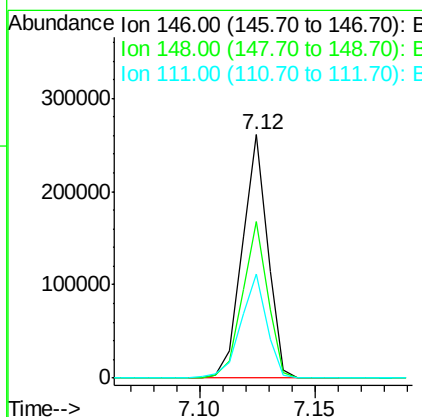
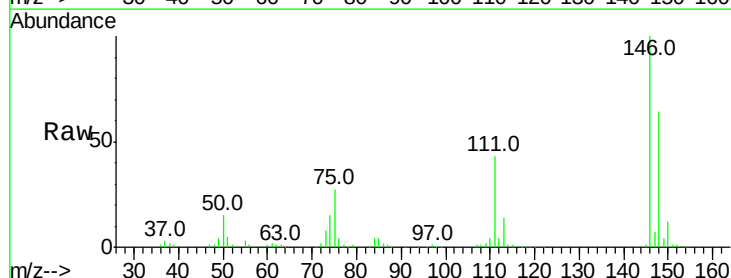
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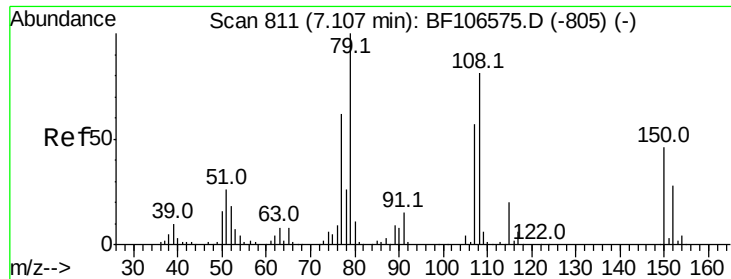
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 40.409 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	42.6	36.0	54.0





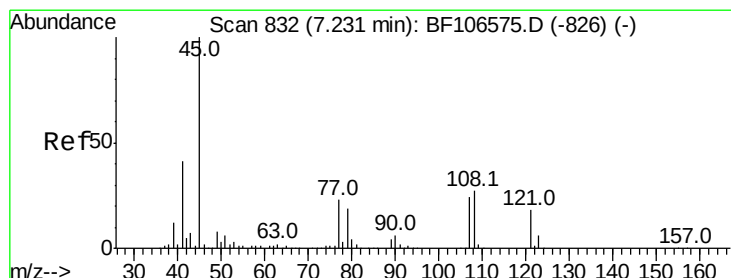
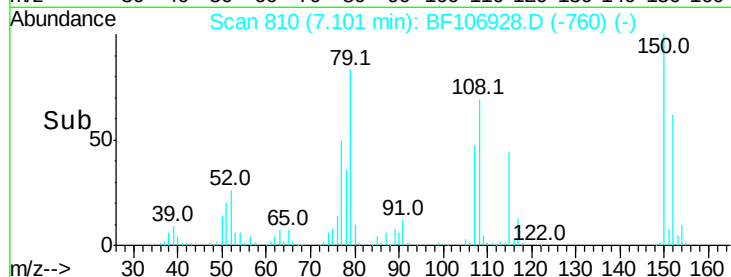
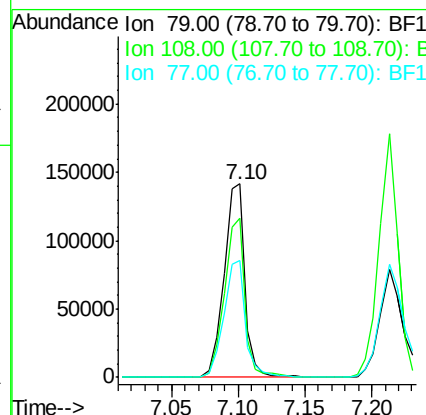
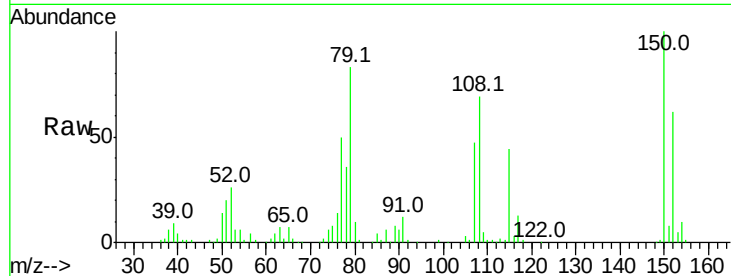
#15
Benzyl Alcohol
Concen: 37.391 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.2	65.1	97.7
77	60.5	50.6	75.8

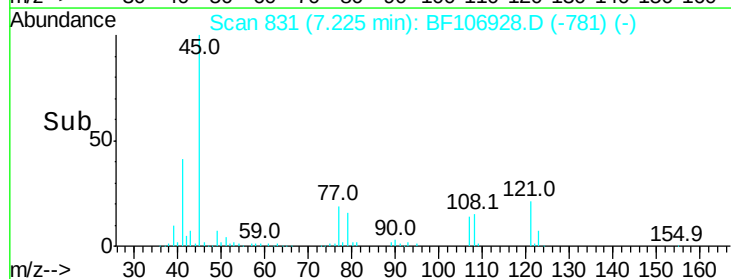
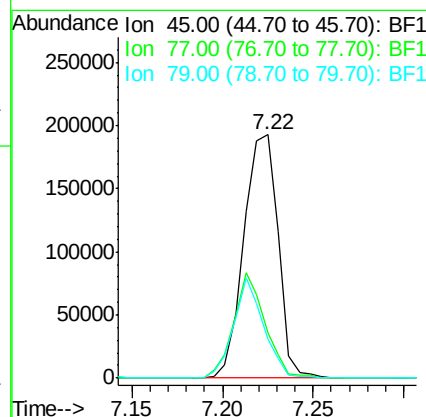
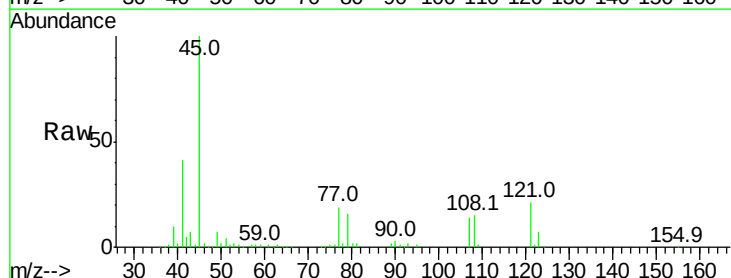
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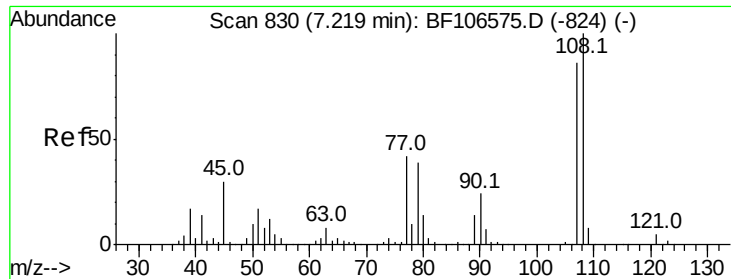
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.247 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.7	0.0	32.9
79	15.7	0.0	29.6





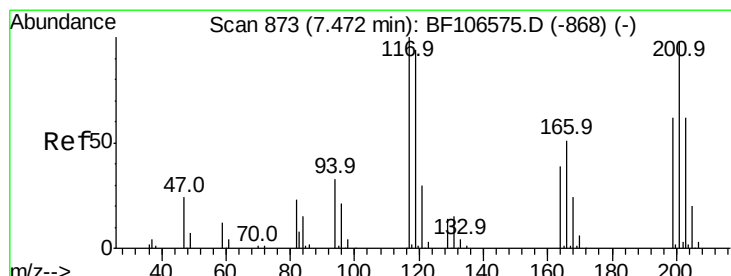
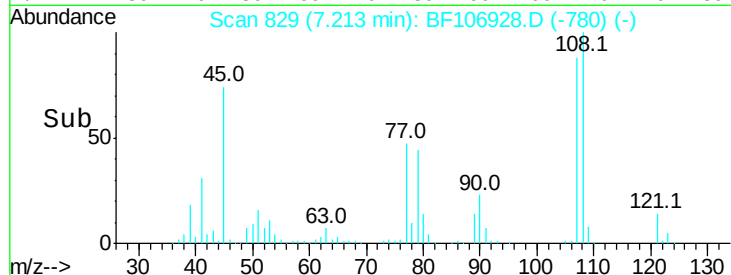
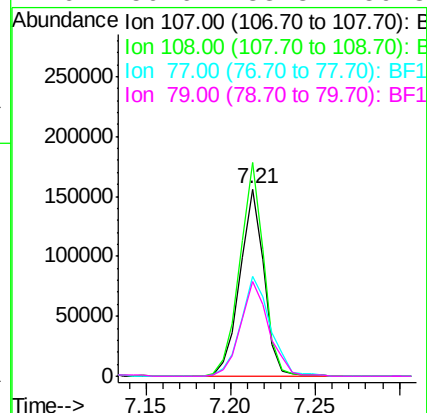
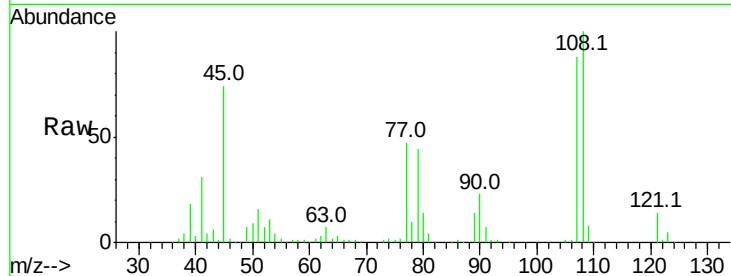
#17
2-Methylphenol
Concen: 39.493 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.7	137.5
77	53.3	33.8	50.8#
79	50.6	33.8	50.8

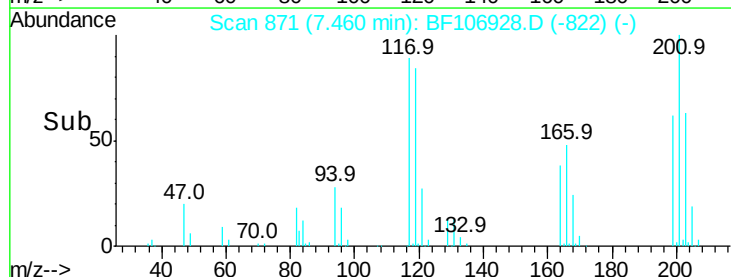
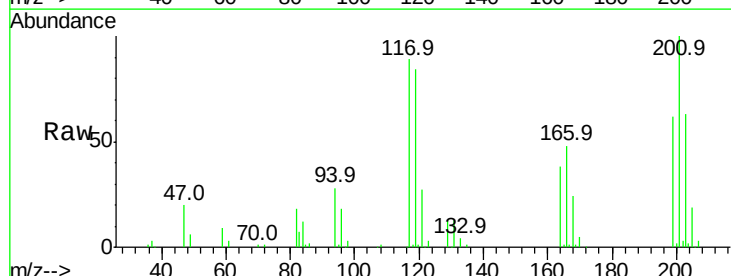
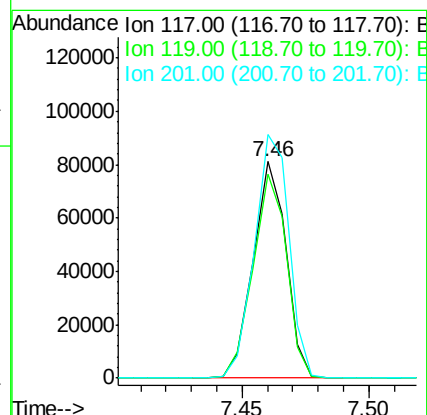
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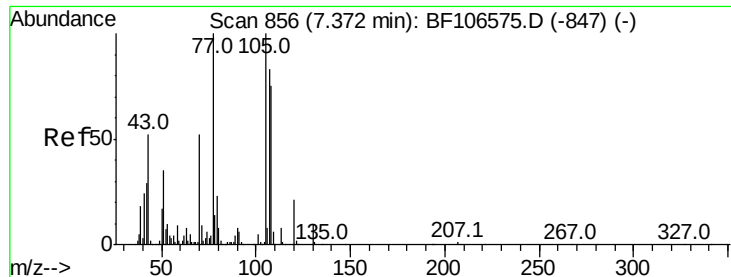
Sohil
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#18
Hexachloroethane
Concen: 38.653 ng
RT: 7.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.8
201	112.4	75.7	113.5





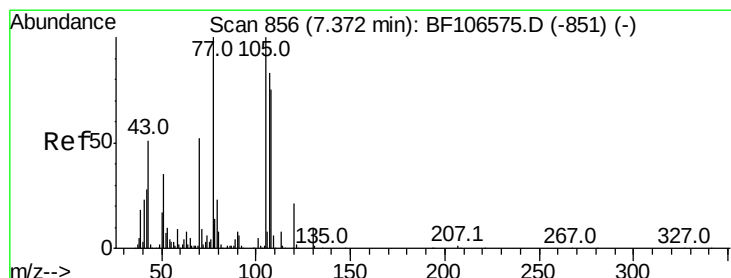
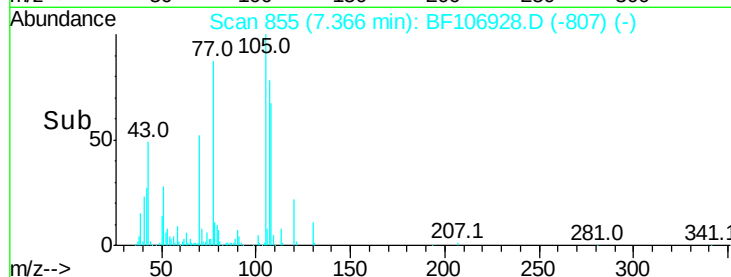
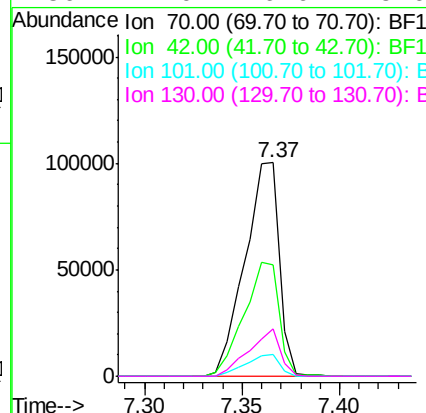
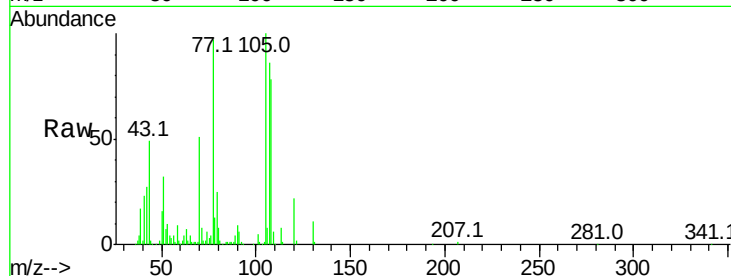
#19
n-Nitroso-di-n-propylamine
Concen: 35.812 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion	70	Resp	123107
Ion Ratio	Lower	Upper	
70	100		
42	52.1	47.5	71.3
101	10.0	7.4	11.2
130	22.0	16.6	25.0

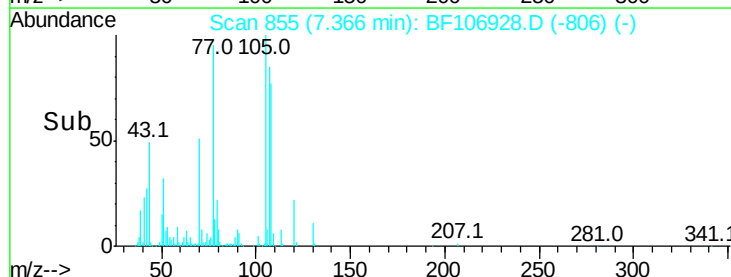
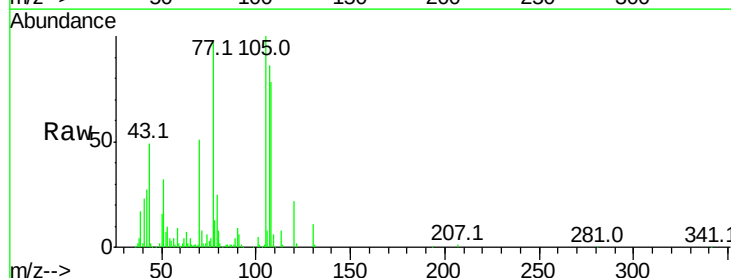
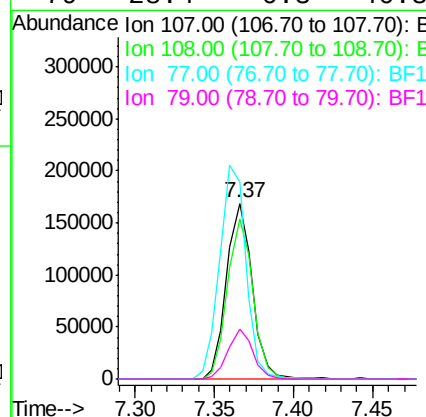
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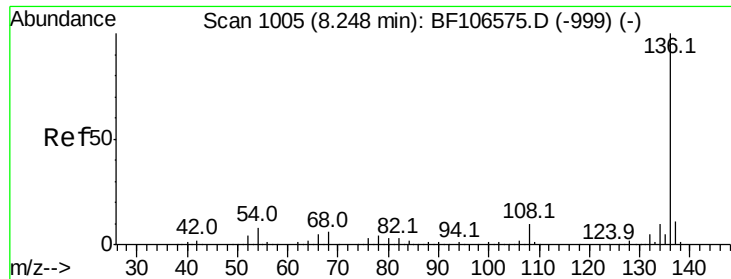
Sohil
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#20
3+4-Methylphenols
Concen: 45.301 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	107	Resp	191326
Ion Ratio	Lower	Upper	
107	100		
108	90.9	68.2	108.2
77	112.0	26.7	66.7#
79	28.4	6.3	46.3





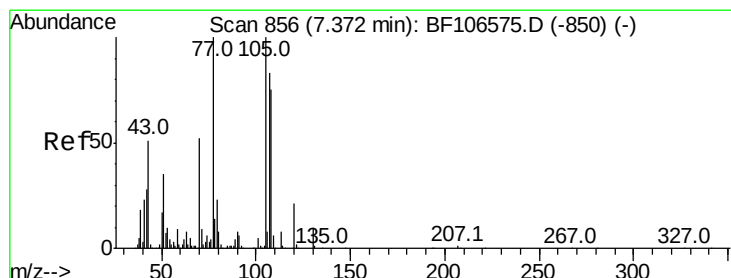
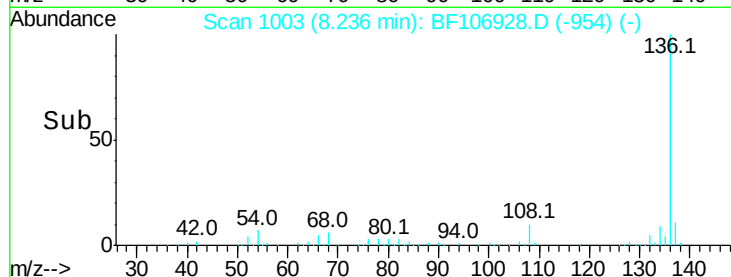
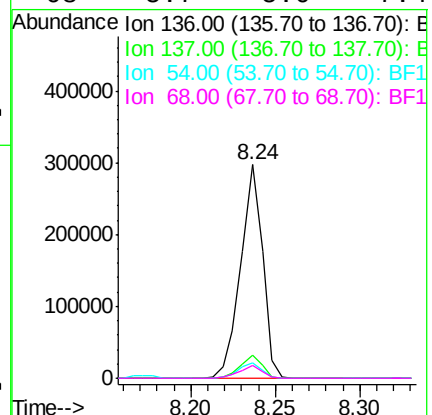
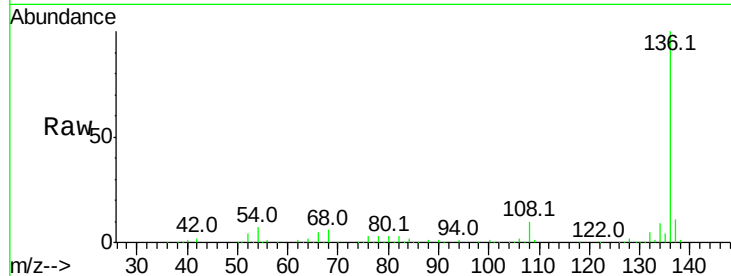
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	268775		
137	10.6		8.9	13.3
54	7.3		6.6	9.8
68	5.7		5.0	7.4

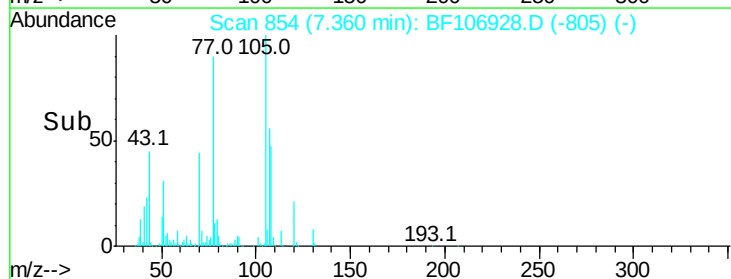
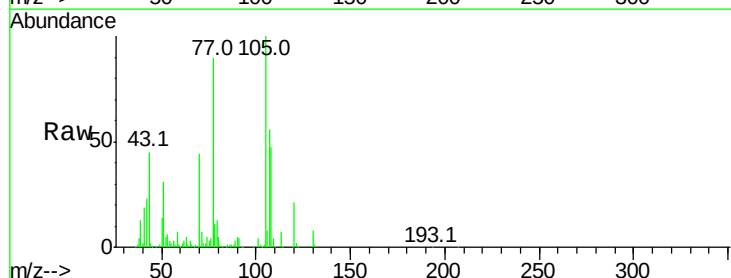
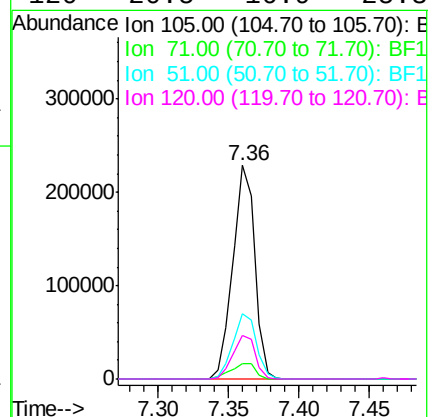
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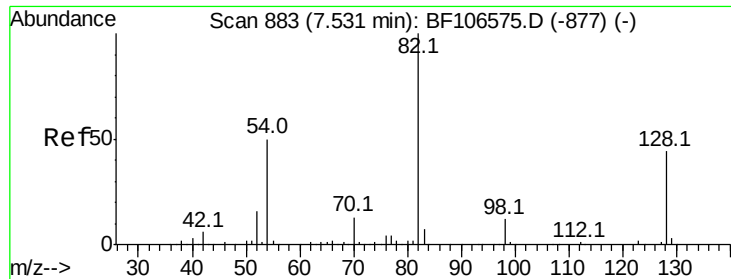
Sohil
6/29/2018 2:30:40 PM



#22
Acetophenone
Concen: 41.225 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	247891		
71	6.9		4.4	6.6#
51	30.8		22.3	33.5
120	20.5		16.9	25.3





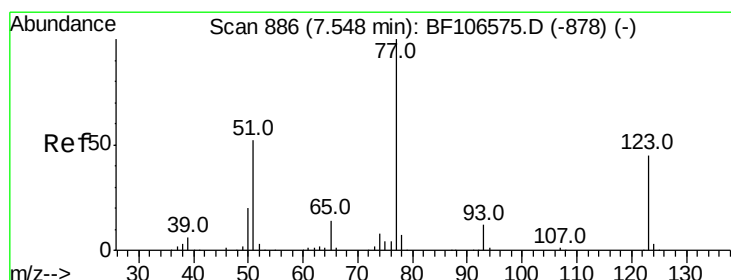
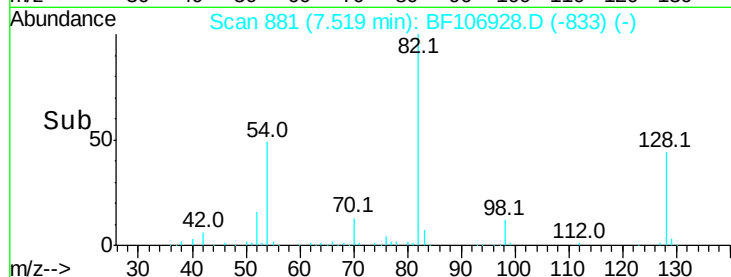
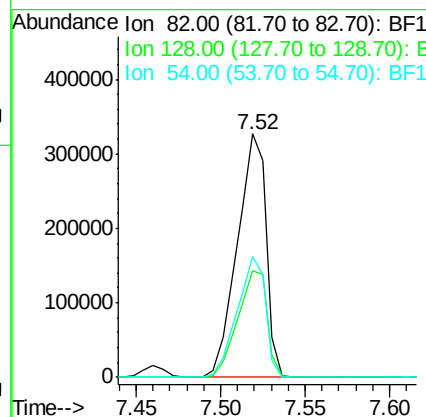
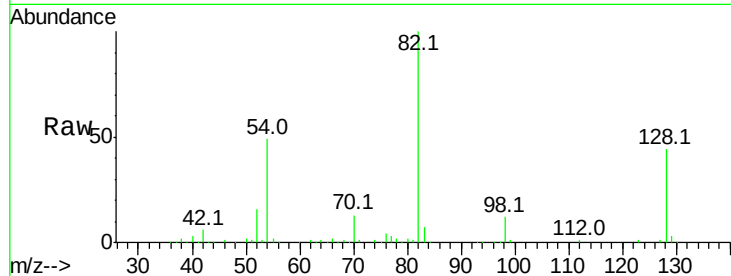
#23
 Nitrobenzene-d5
 Concen: 79.954 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7	36.1	54.1	
54	49.4	41.4	62.2	

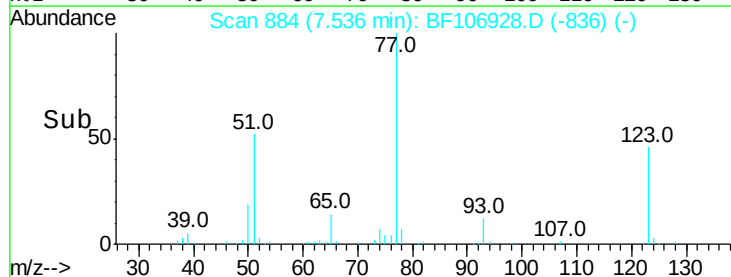
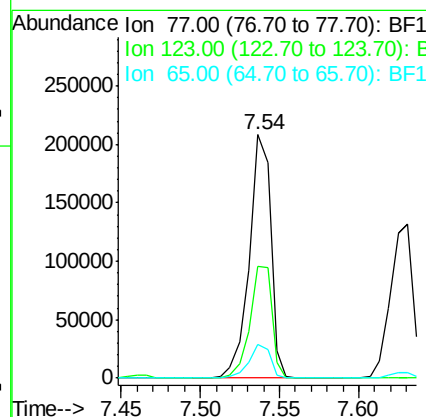
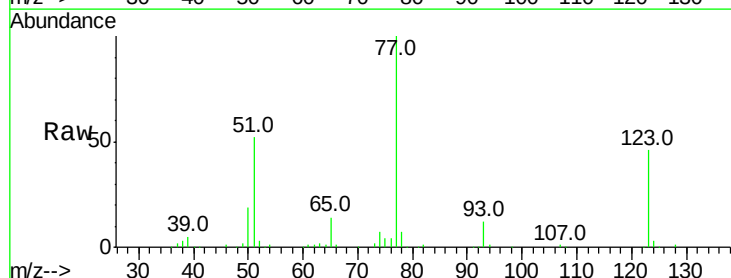
Manual Integrations
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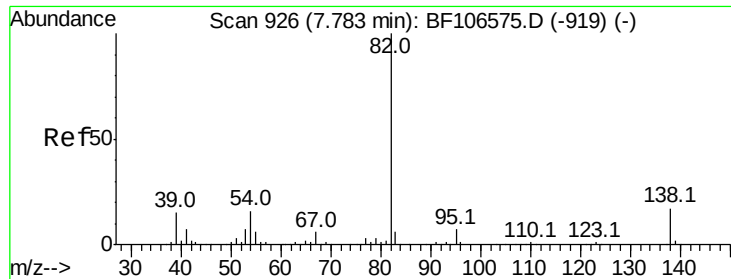
Sohil
 6/29/2018 2:30:40 PM



#24
 Nitrobenzene
 Concen: 39.619 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.2	37.9	56.9	
65	13.7	11.0	16.4	





#25

Isophorone

Concen: 41.289 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

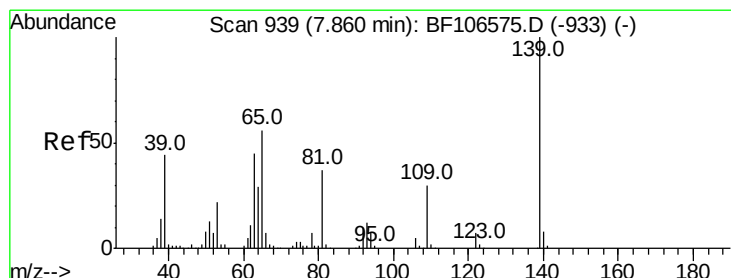
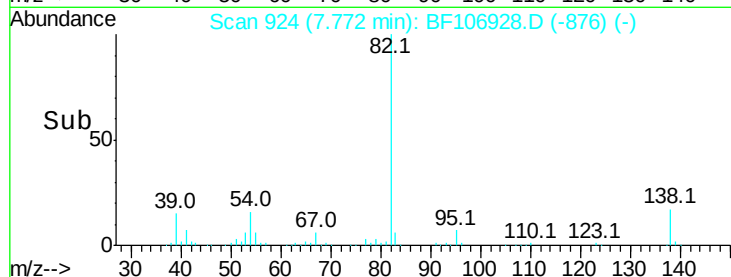
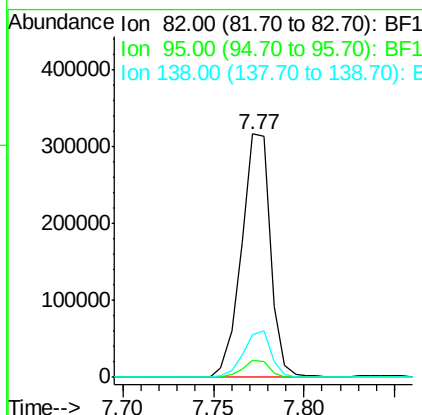
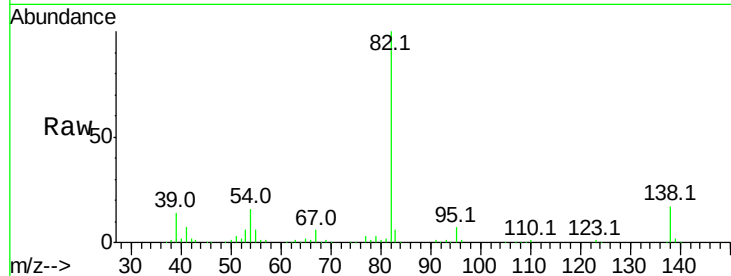
ClientSampleId :

PB110677BS

Tot Ion:	82	Resp:	351880
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.4	14.9	22.3

Manual Integrations
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6/29/2018 2:30:40 PM



#26

2-Nitrophenol

Concen: 43.582 ng

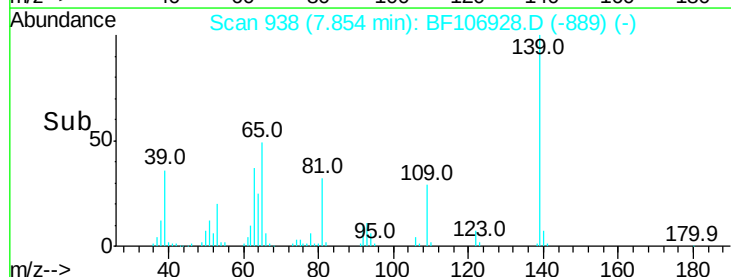
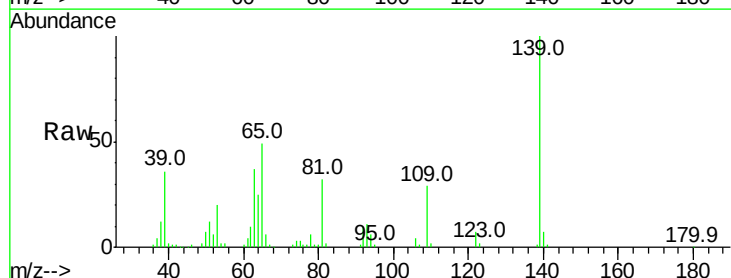
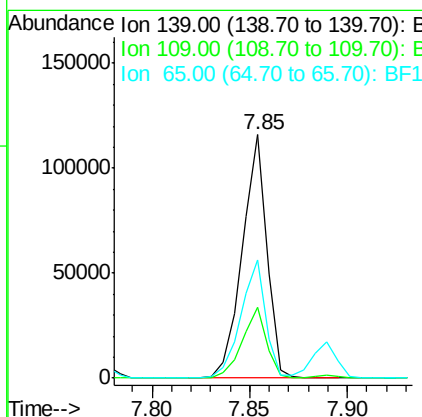
RT: 7.85 min Scan# 938

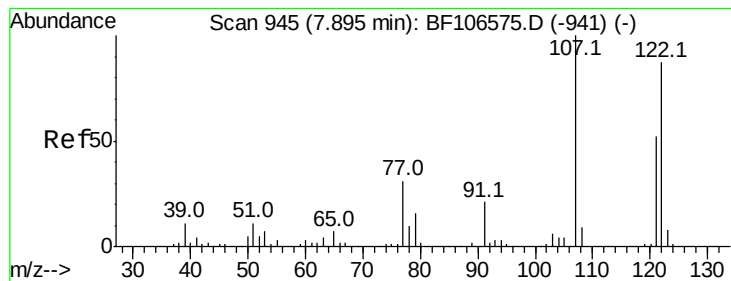
Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Tgt Ion:	139	Resp:	101587
Ion Ratio	Lower	Upper	
139	100		
109	29.0	22.7	34.1
65	48.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 46.646 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

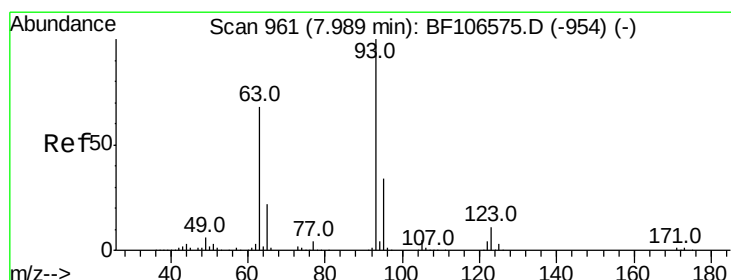
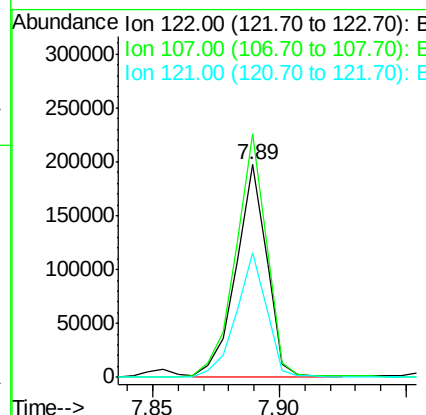
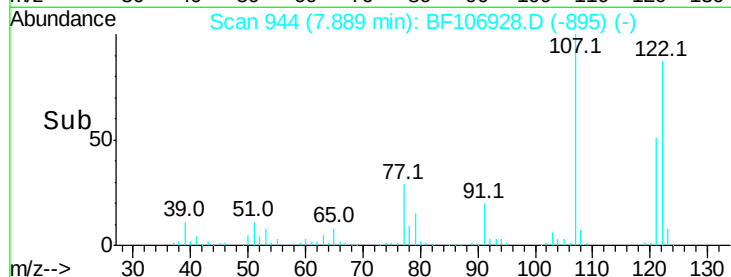
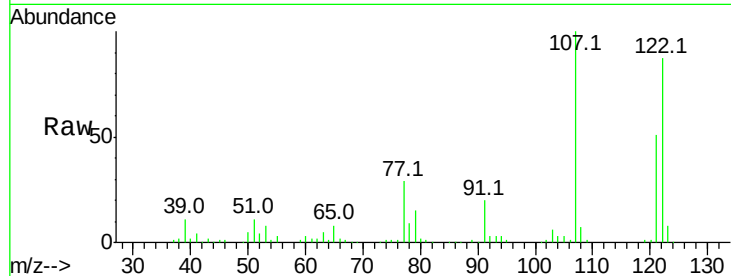
ClientSampleId :

PB110677BS

Tot Ion:	122	Resp:	168059
Ion Ratio	Lower	Upper	
122	100		
107	114.5	91.2	136.8
121	58.3	47.2	70.8

Manual Integrations
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Sohil
6/29/2018 2:30:40 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.307 ng

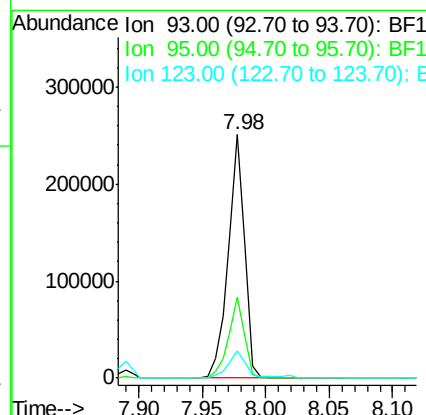
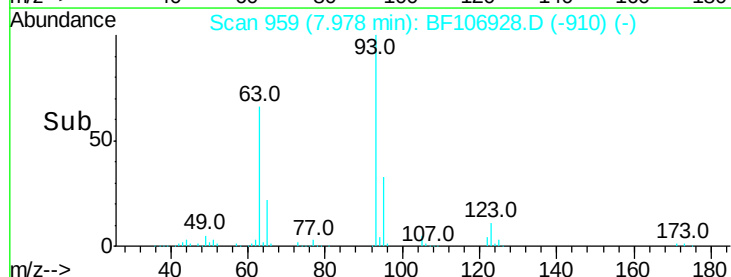
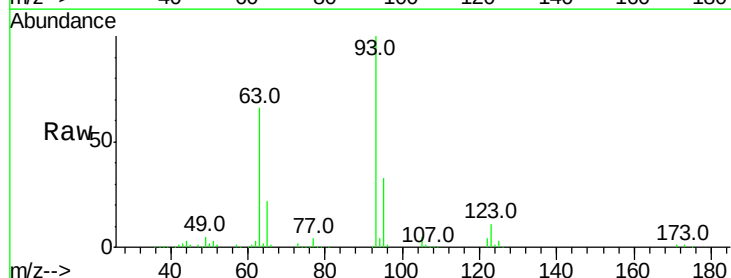
RT: 7.98 min Scan# 959

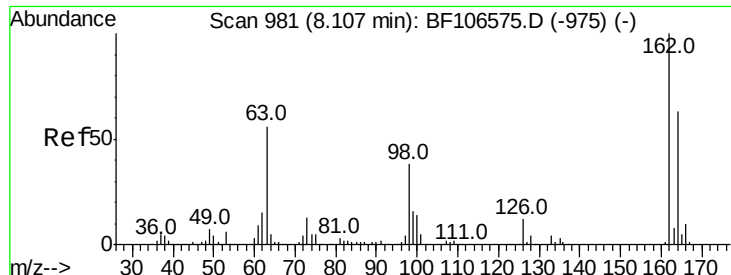
Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Tgt Ion:	93	Resp:	224922
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.3	39.5
123	11.0	9.8	14.6





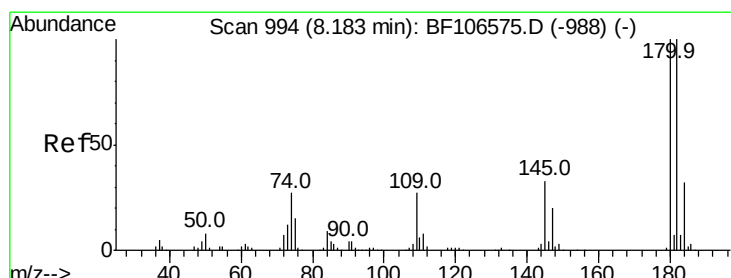
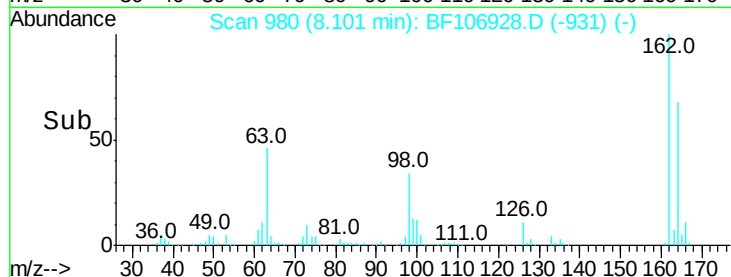
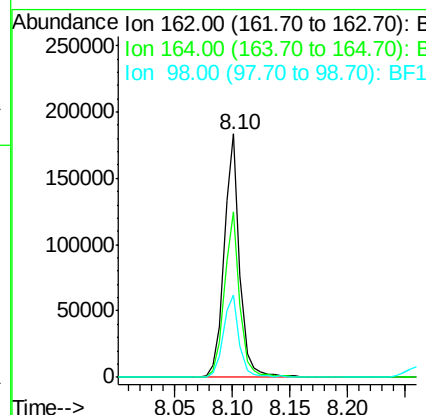
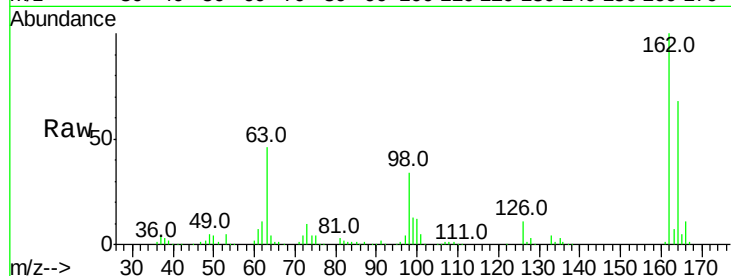
#29
2,4-Dichlorophenol
Concen: 44.930 ng
RT: 8.10 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.2	42.7	82.7
98	33.8	18.1	58.1

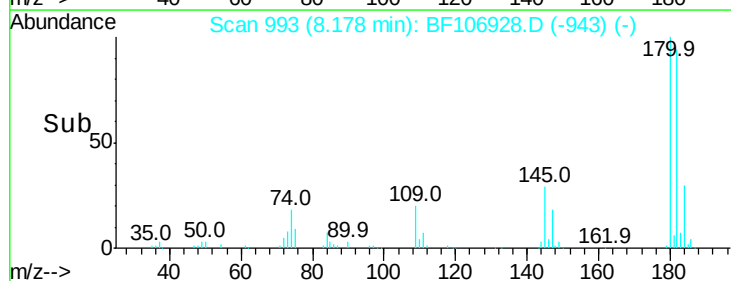
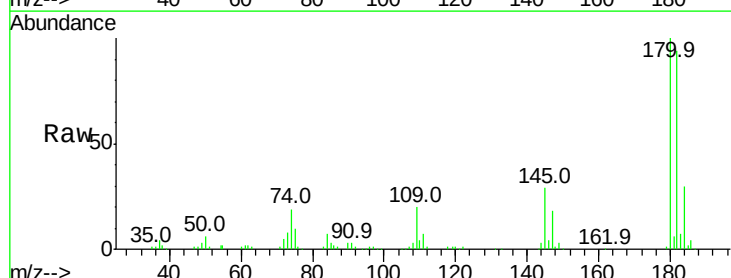
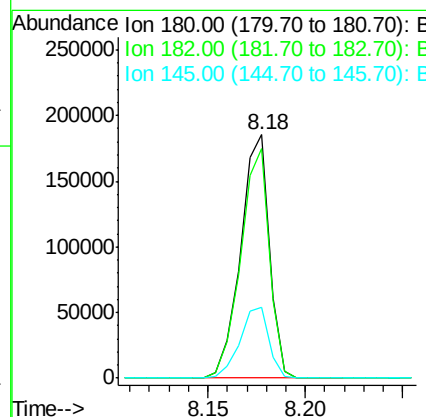
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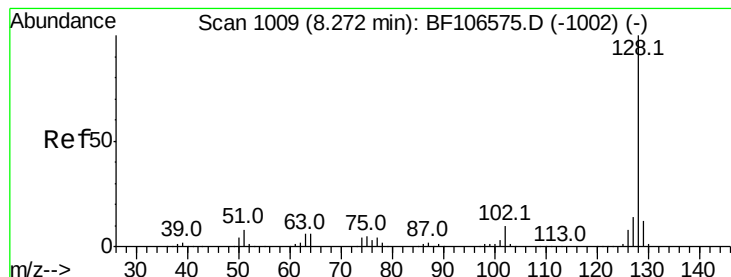
Sohil
6/29/2018 2:30:40 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.488 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	76.8	115.2
145	29.3	26.5	39.7





#31

Naphthalene

Concen: 42.449 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

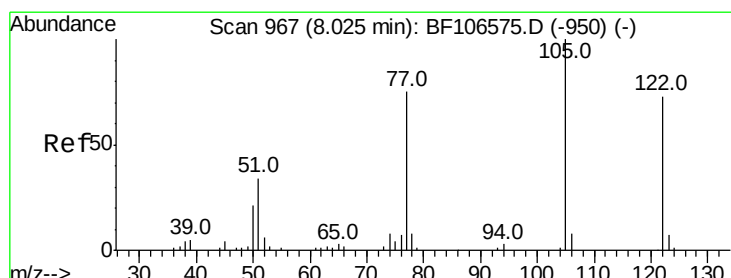
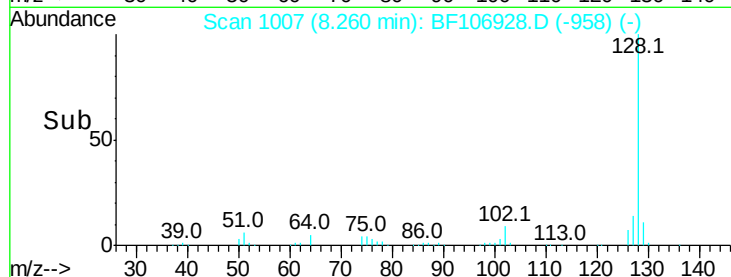
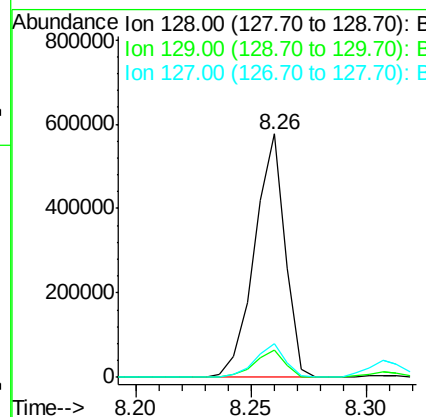
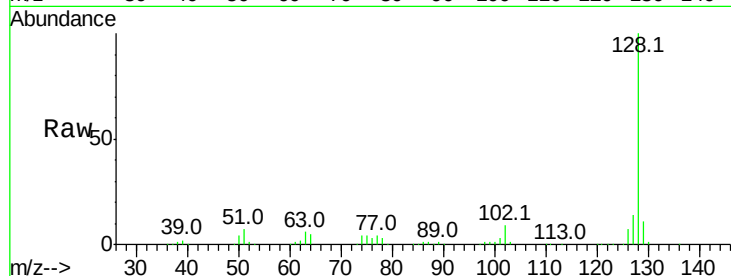
ClientSampleId :

PB110677BS

Tot Ion:	128	Resp:	533411
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.6	10.9	16.3

Manual Integrations
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6/29/2018 2:30:40 PM



#32

Benzoic acid

Concen: 31.210 ng

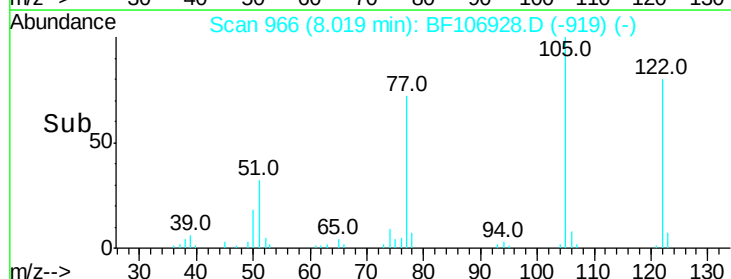
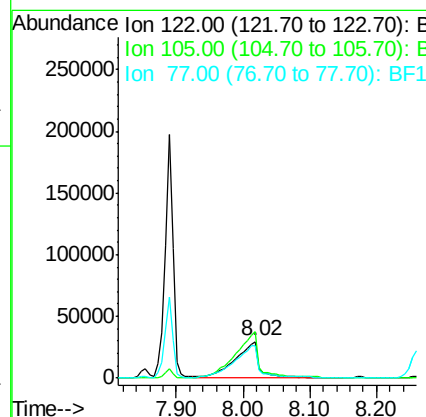
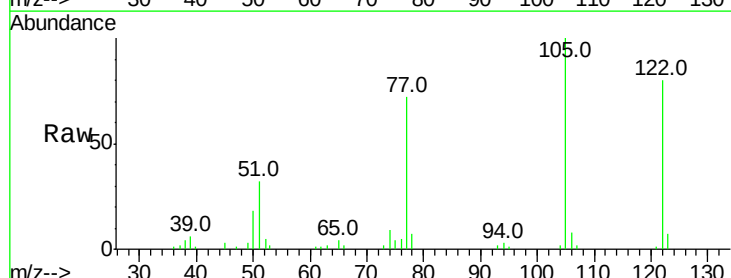
RT: 8.02 min Scan# 966

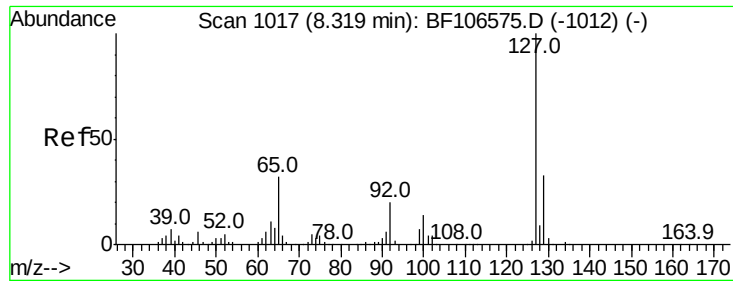
Delta R.T. -0.02 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Tgt Ion:	122	Resp:	75825
Ion Ratio	Lower	Upper	
122	100		
105	125.7	101.1	141.1
77	90.2	70.7	110.7





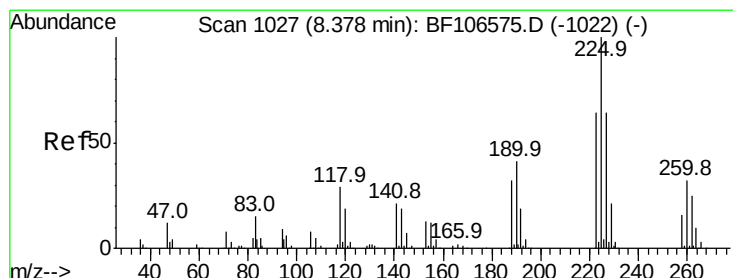
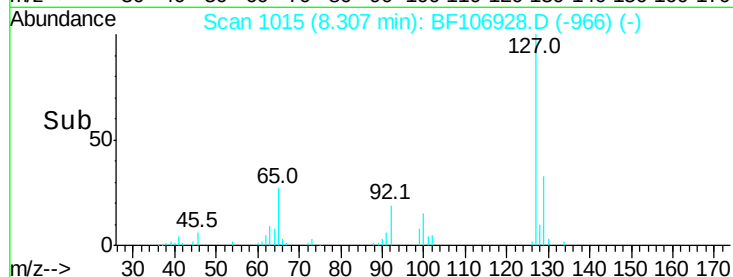
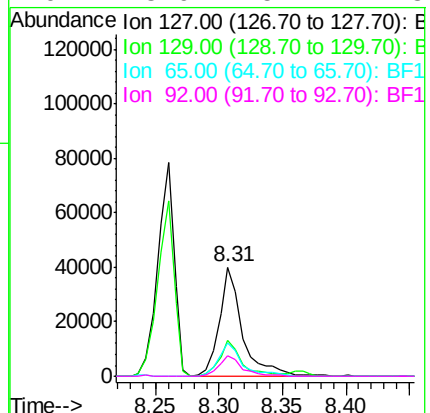
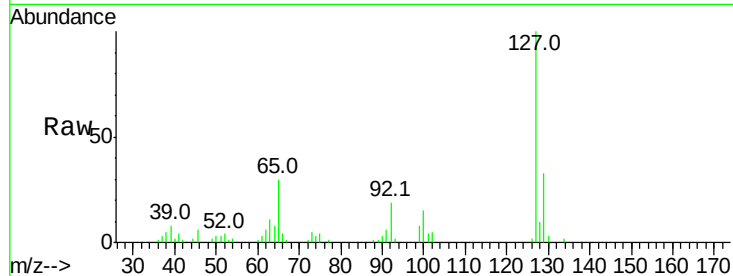
#33
4-Chloroaniline
Concen: 9.753 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.9	38.9		
65	30.3	25.0	37.4		
92	18.9	15.2	22.8		

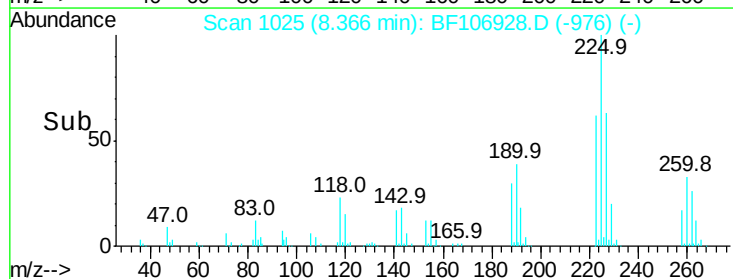
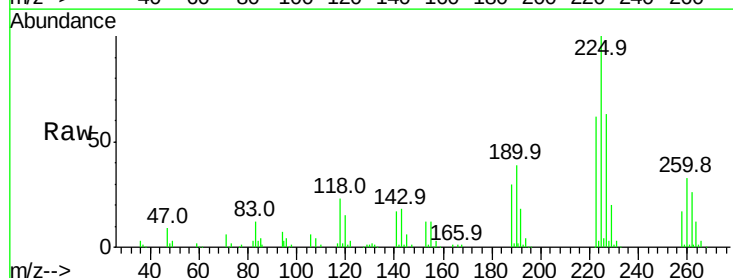
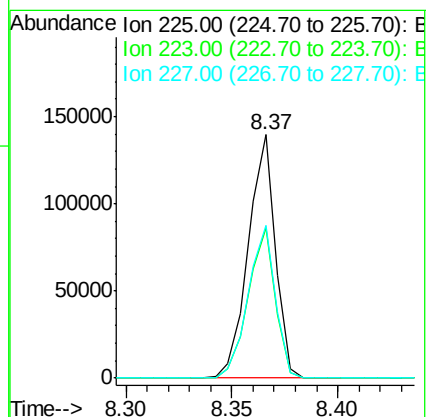
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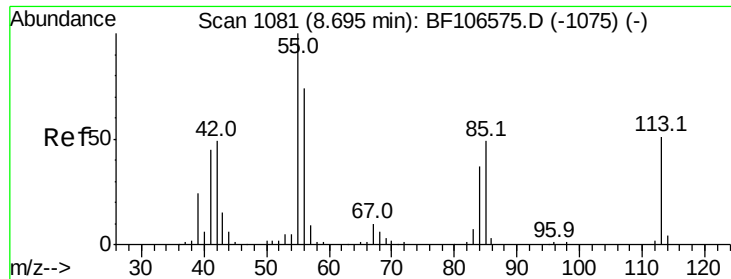
Sohil
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#34
Hexachlorobutadiene
Concen: 45.915 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	50.6	76.0		
227	62.7	51.9	77.9		





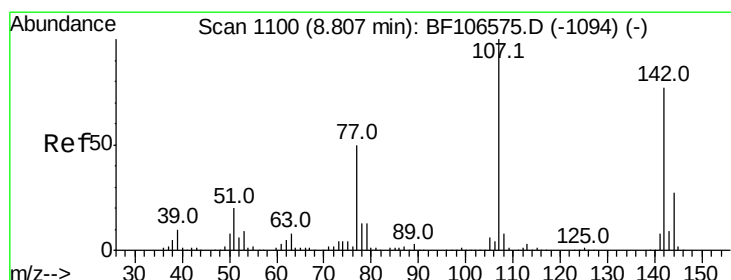
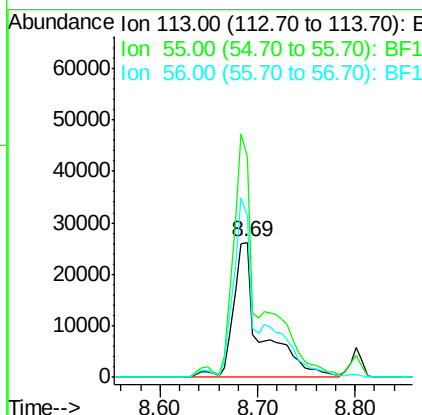
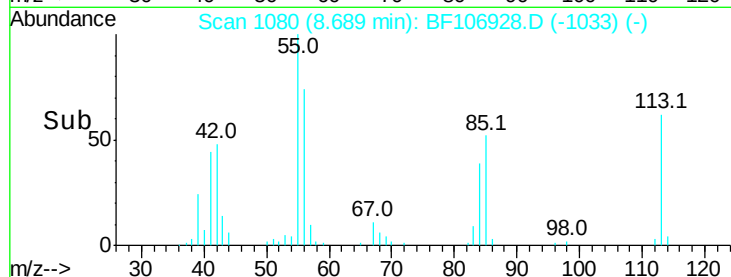
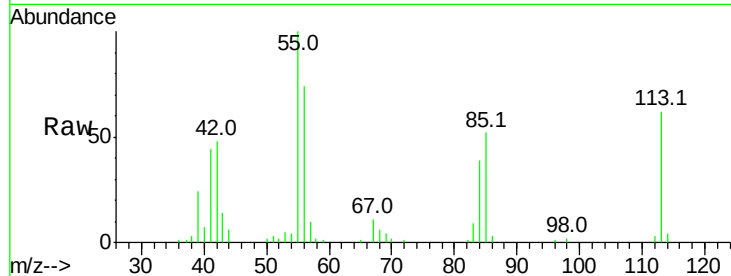
#35
Caprolactam
Concen: 42.038 ng/ml
RT: 8.69 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion:113 Resp: 51688
Ion Ratio Lower Upper
113 100
55 162.5 163.3 203.3#
56 119.7 115.7 155.7

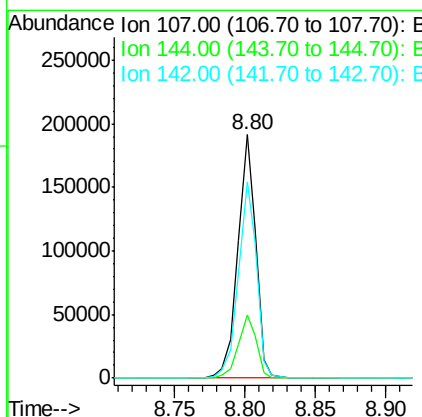
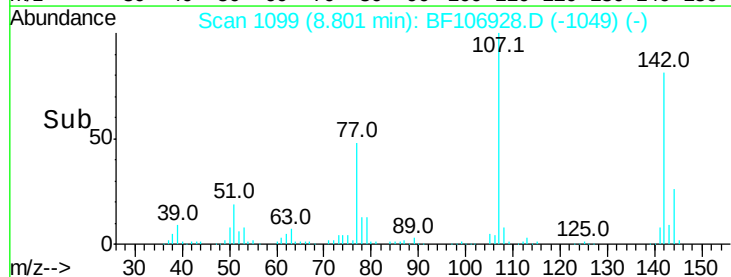
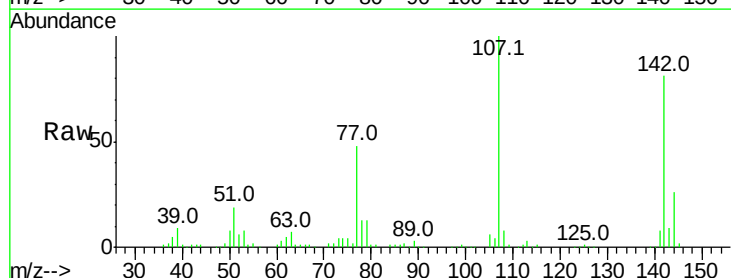
Manual Integrations
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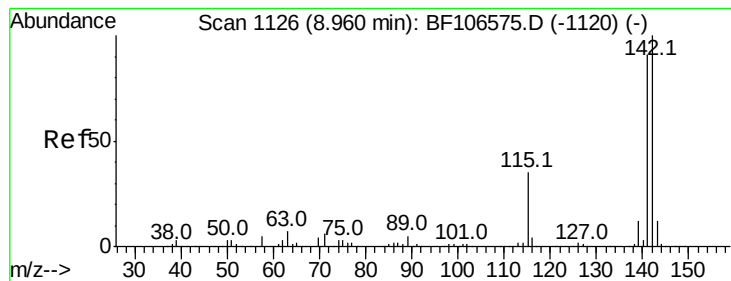
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 42.467 ng/ml
RT: 8.80 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion:107 Resp: 168603
Ion Ratio Lower Upper
107 100
144 25.8 20.5 30.7
142 80.8 62.0 93.0





#37

2-Methylnaphthalene

Concen: 47.700 ng

RT: 8.95 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

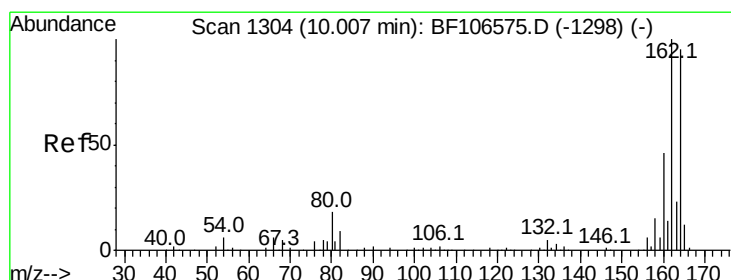
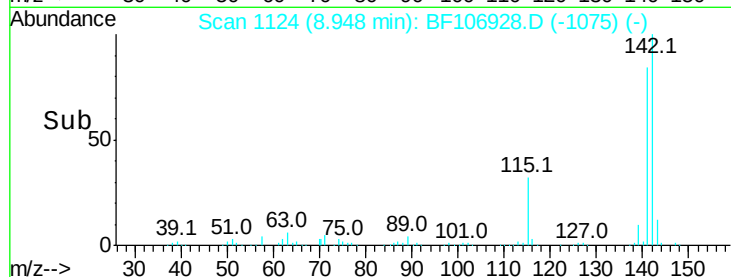
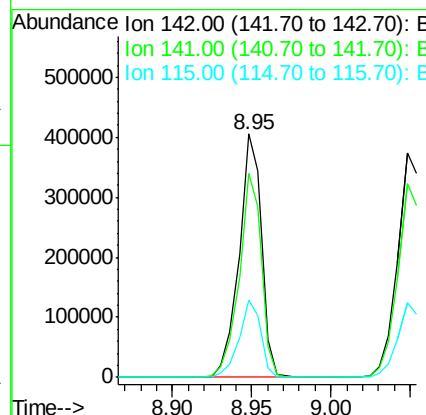
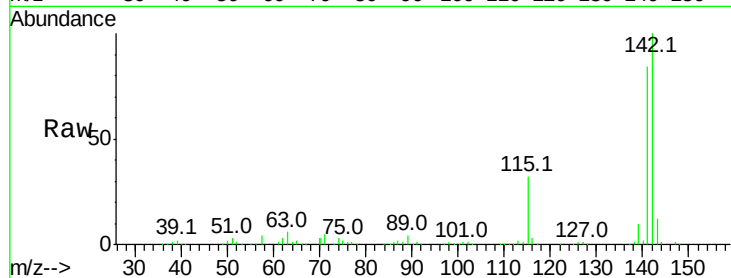
ClientSampleID :

PB110677BS

Tot Ion:	142	Resp:	397299
Ion Ratio	Lower	Upper	
142	100		
141	83.9	70.8	106.2
115	31.7	26.1	39.1

Manual Integrations
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Sohil
6/29/2018 2:30:40 PM



#38

Acenaphthene-d10

Concen: 20.000 ng

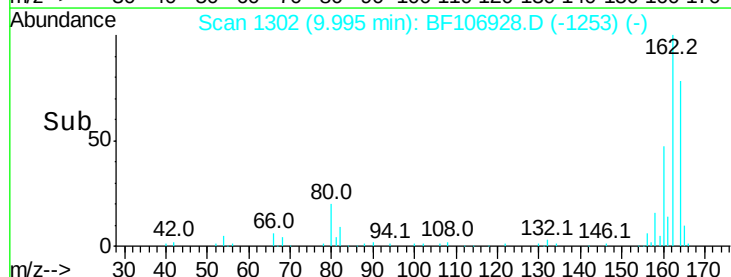
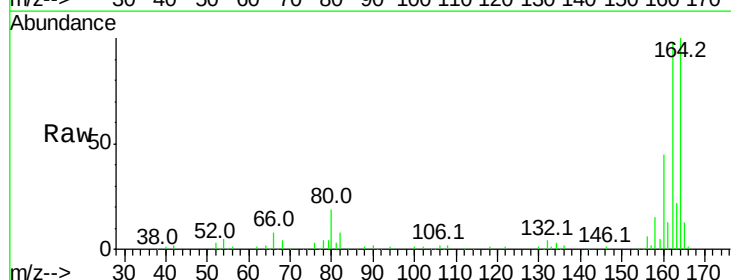
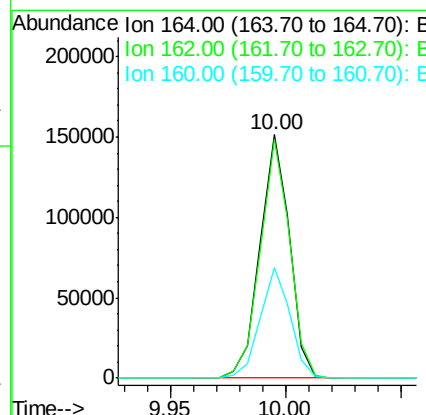
RT: 10.00 min Scan# 1302

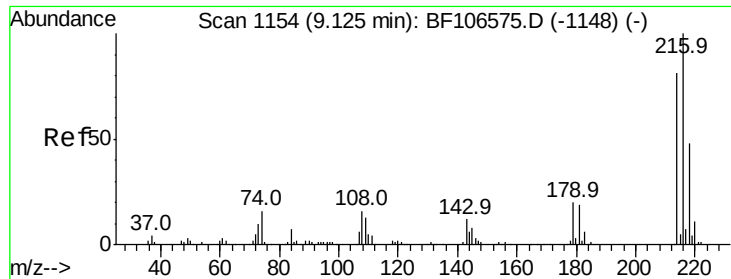
Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Tgt Ion:	164	Resp:	135405
Ion Ratio	Lower	Upper	
164	100		
162	98.0	86.1	129.1
160	45.5	38.3	57.5





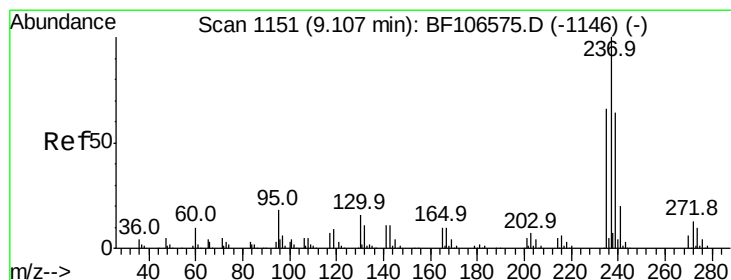
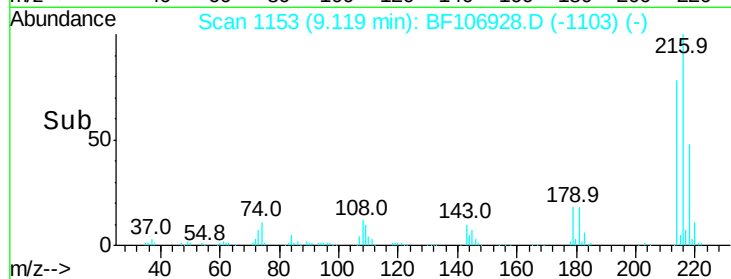
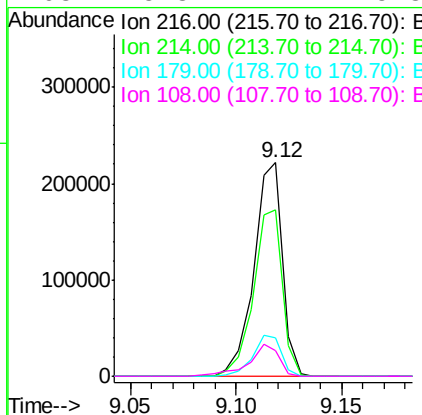
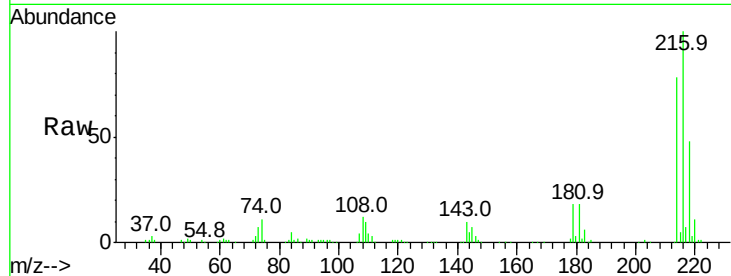
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.772 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.0	94.4
179	19.3	18.1	27.1
108	15.8	17.2	25.8#

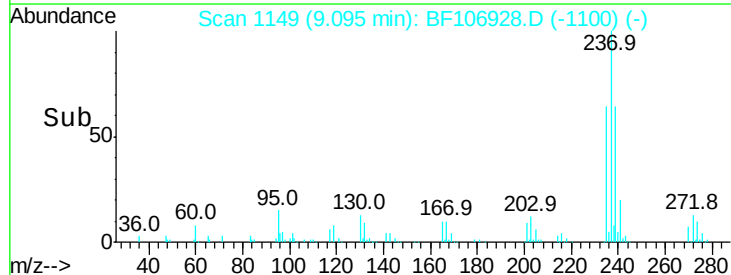
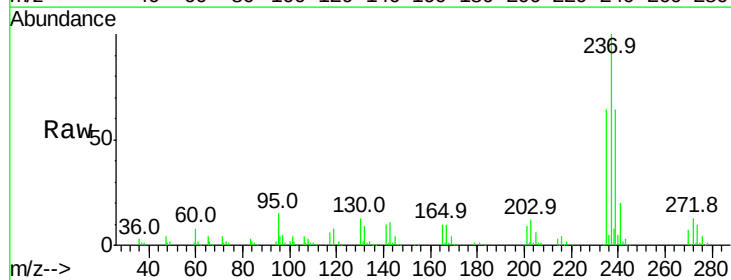
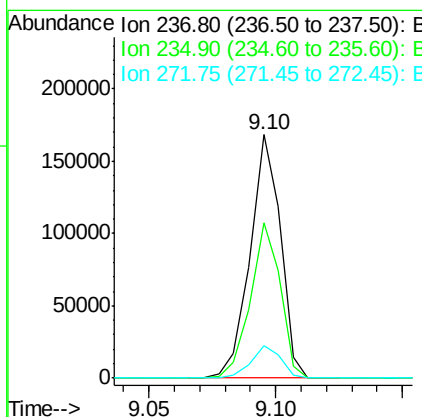
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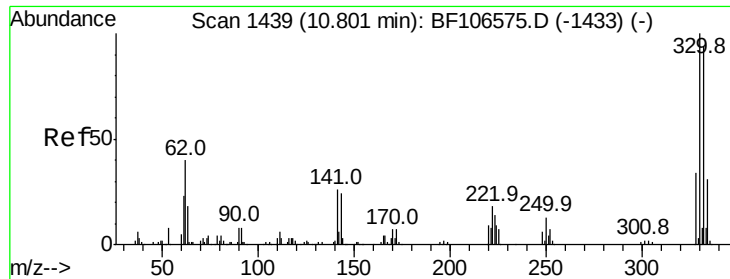
Sohil
 6/29/2018 2:30:40 PM



#40
 Hexachlorocyclopentadiene
 Concen: 59.977 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	44.8	84.8
272	13.4	0.0	33.3





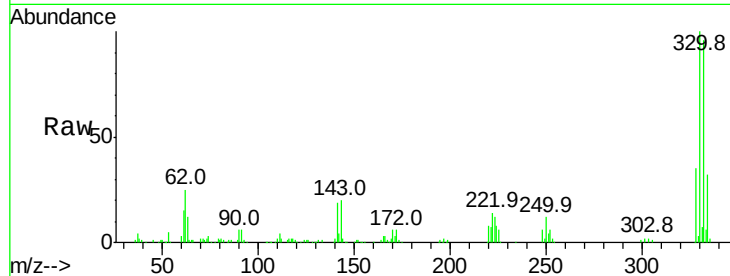
#41
 2,4,6-Tribromophenol
 Concen: 133.159 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	22.6	29.9	44.9	

Manual Integrations
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 6/29/2018 2:30:40 PM

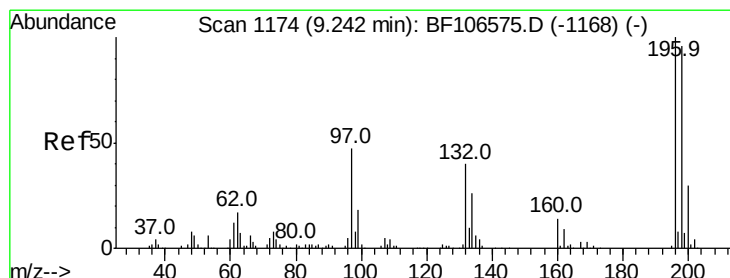
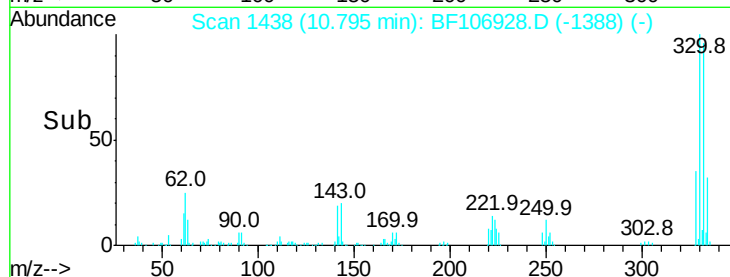
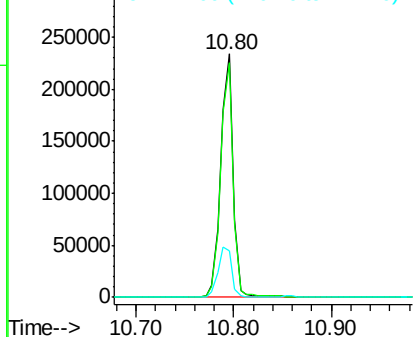


Abundance

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: 39.694 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

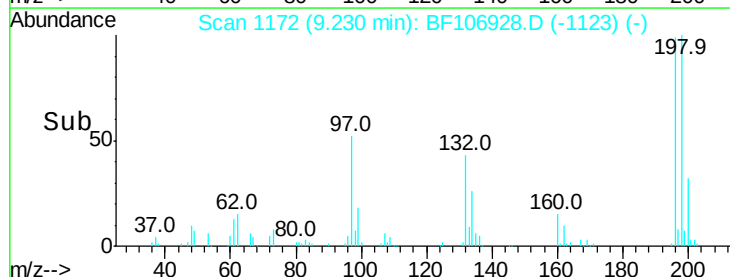
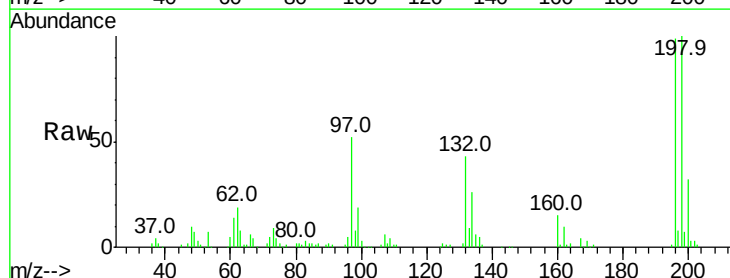
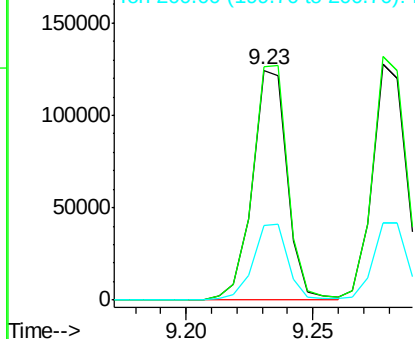
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.4	75.7	113.5	
200	32.2	24.5	36.7	

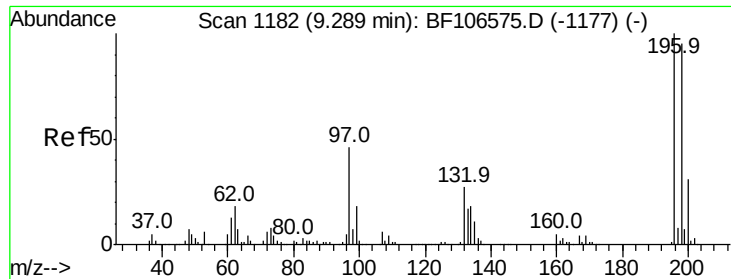
Abundance

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





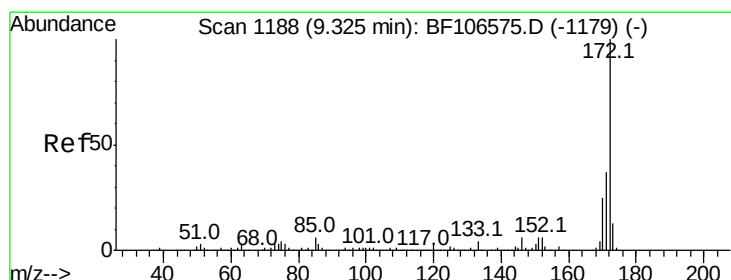
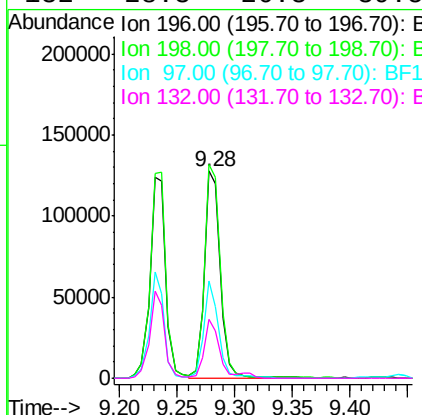
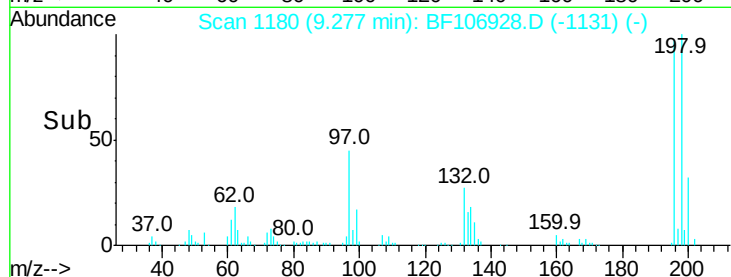
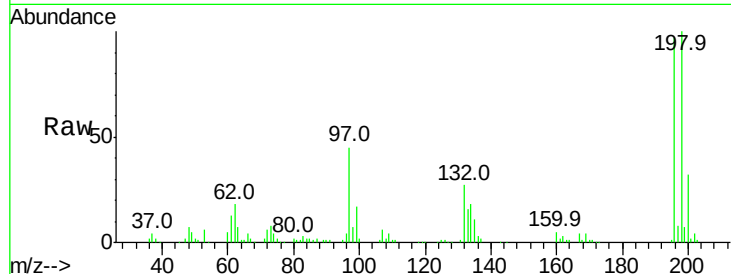
#43
 2,4,5-Trichlorophenol
 Concen: 38.948 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tot Ion	196	Resp	123189
Ion Ratio	Lower	Upper	
196	100		
198	103.3	74.6	112.0
97	46.9	42.9	64.3
132	28.3	26.3	39.5

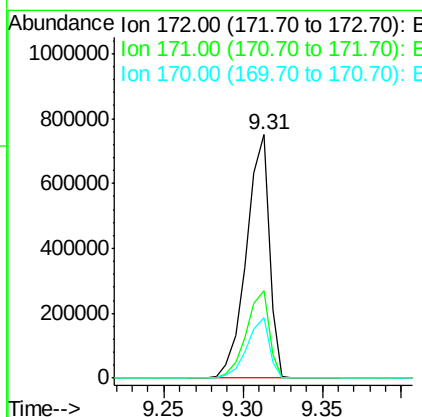
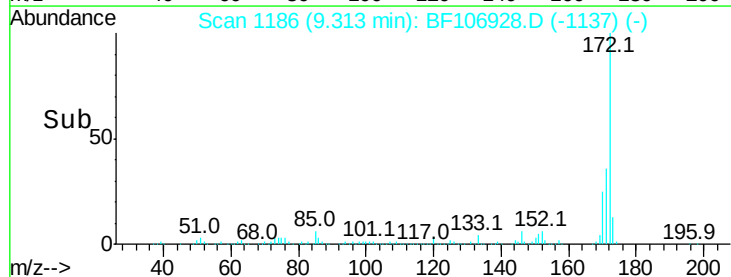
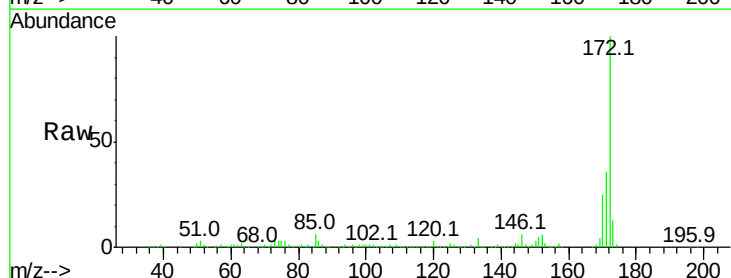
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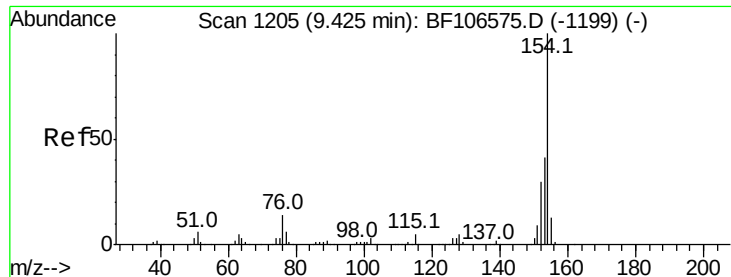
Sohil
 6/29/2018 2:30:40 PM



#44
 2-Fluorobiphenyl
 Concen: 95.385 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion	172	Resp	748634
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.8	19.6	29.4





#45

1,1'-Biphenyl

Concen: 43.746 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

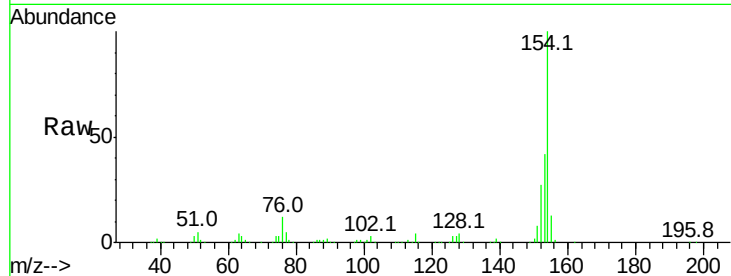
ClientSampleId :

PB110677BS

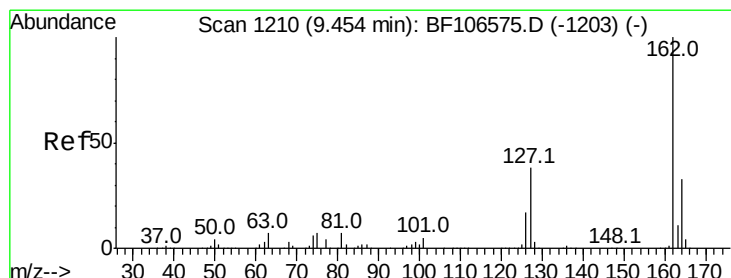
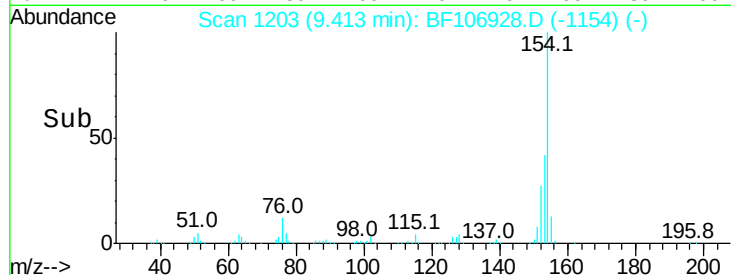
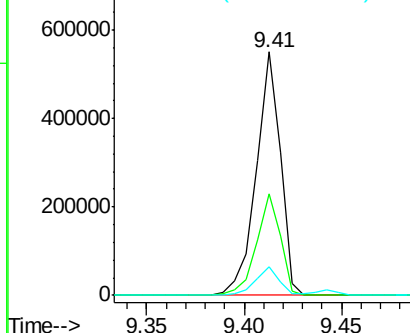
Tot Ion:	154	Resp:	472066
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.3	61.3
76	12.0	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 41.275 ng

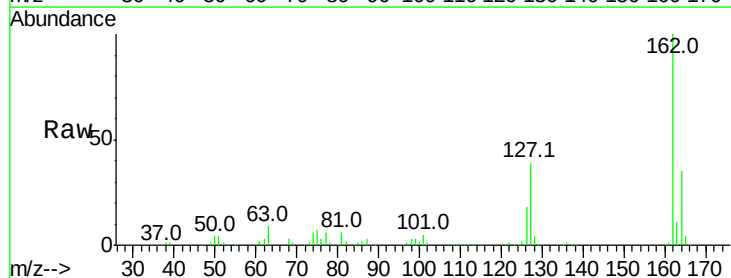
RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

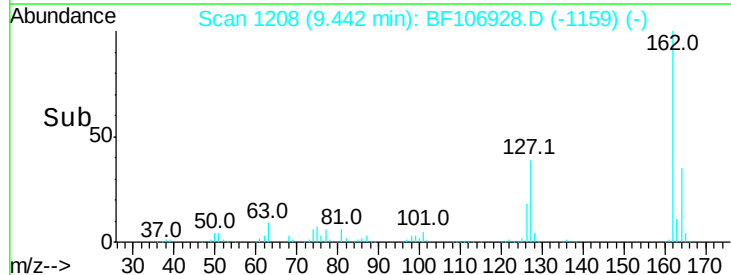
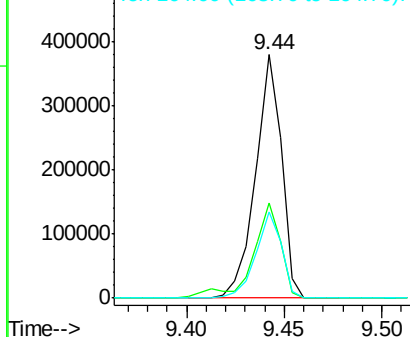
Lab File: BF106928.D

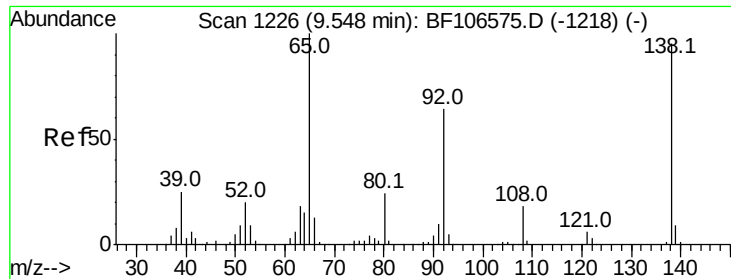
Acq: 28 Jun 2018 18:42

Tgt Ion:	162	Resp:	350599
Ion Ratio	Lower	Upper	
162	100		
127	39.2	33.9	50.9
164	35.2	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





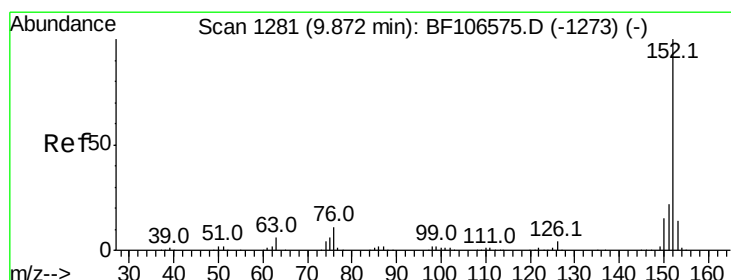
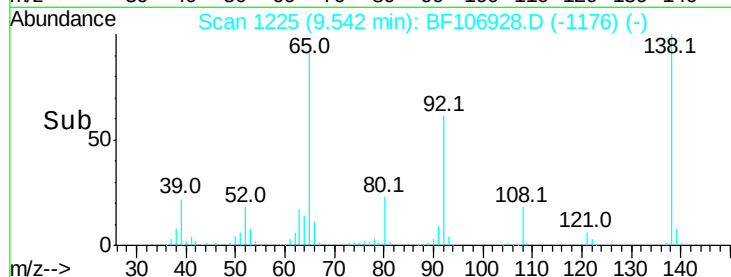
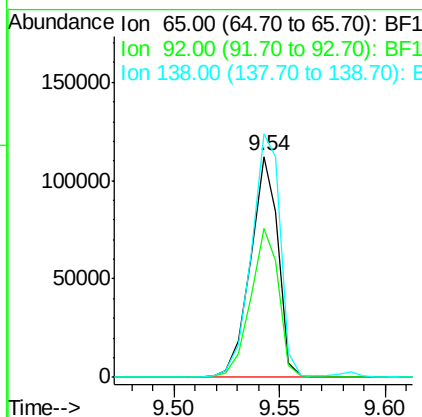
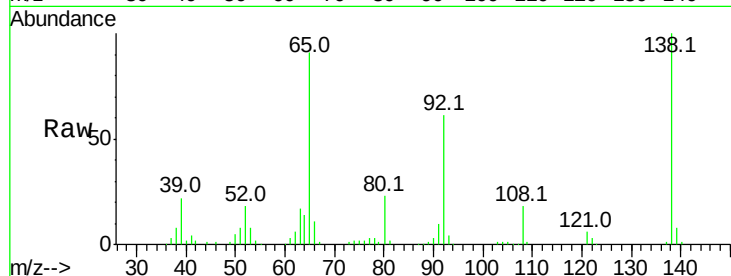
#47
2-Nitroaniline
Concen: 35.816 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.6	55.8	83.6
138	110.2	91.2	136.8

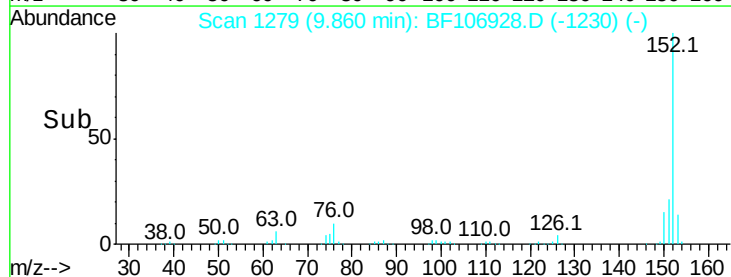
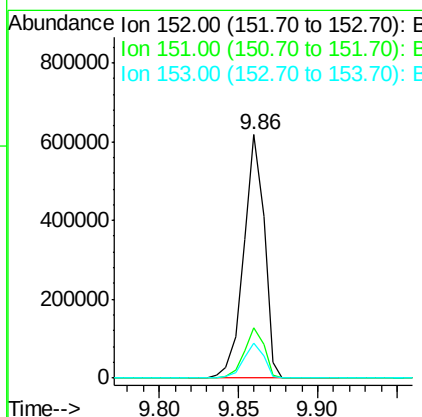
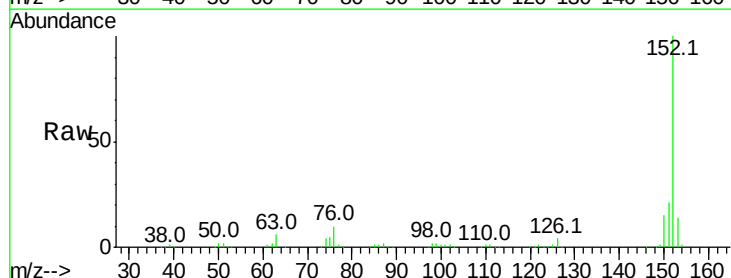
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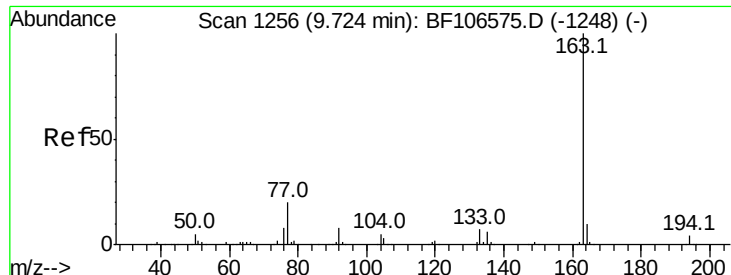
Sohil
6/29/2018 2:30:40 PM



#48
Acenaphthylene
Concen: 41.135 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.5	10.7	16.1





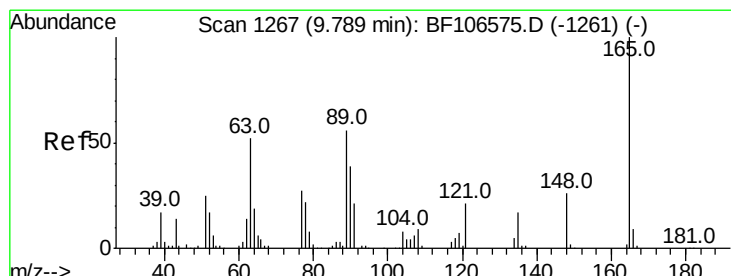
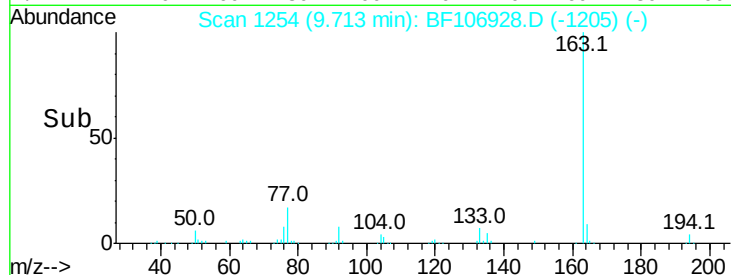
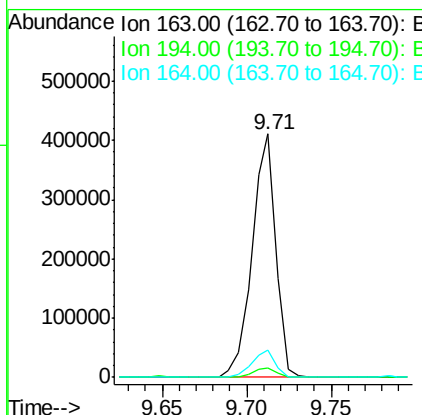
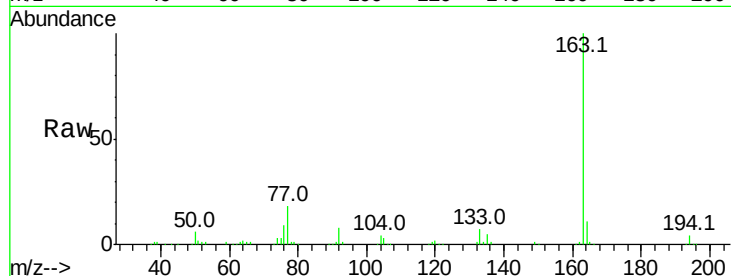
#49
Dimethylphthalate
Concen: 39.697 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	11.0	8.2	12.2	

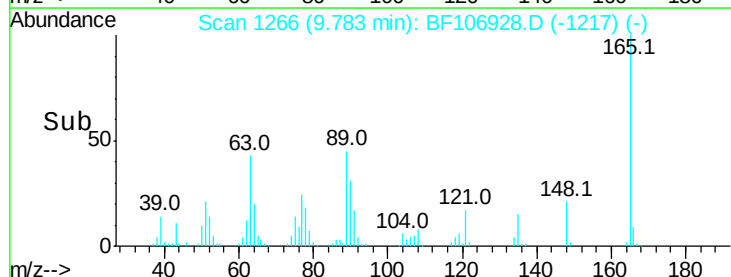
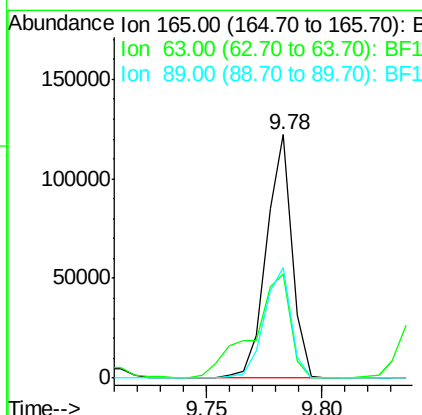
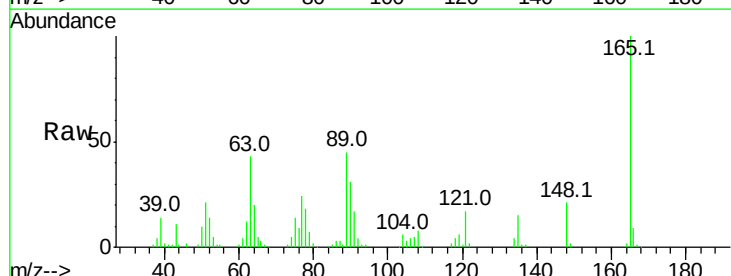
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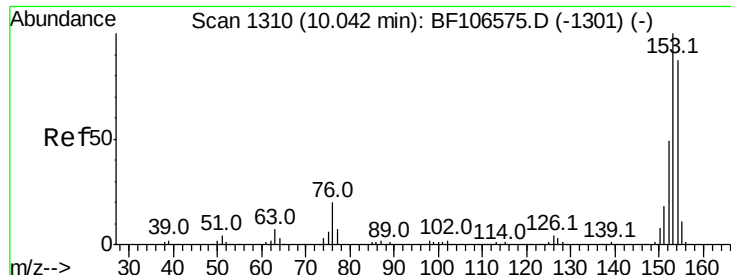
Sohil
6/29/2018 2:30:40 PM



#50
2,6-Dinitrotoluene
Concen: 43.771 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.9	44.7	67.1#	
89	45.3	44.0	66.0	





#51

Acenaphthene

Concen: 39.153 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

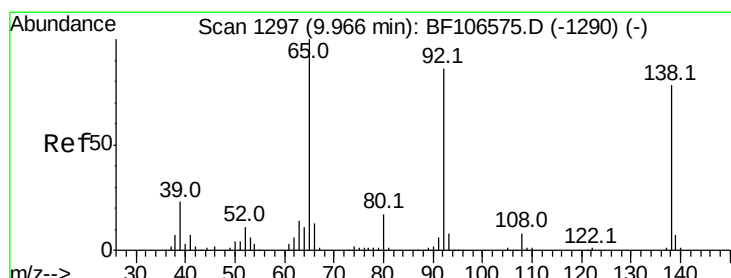
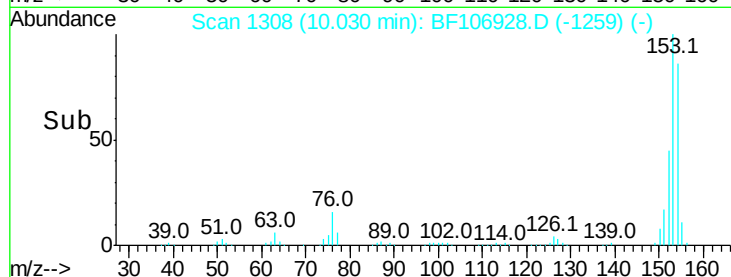
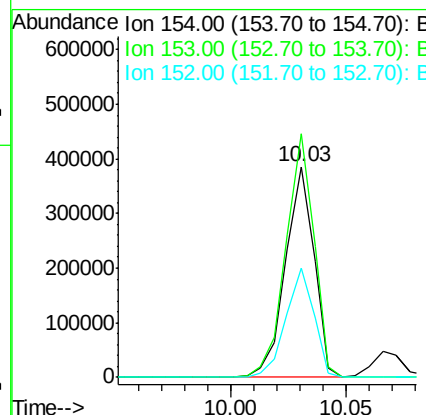
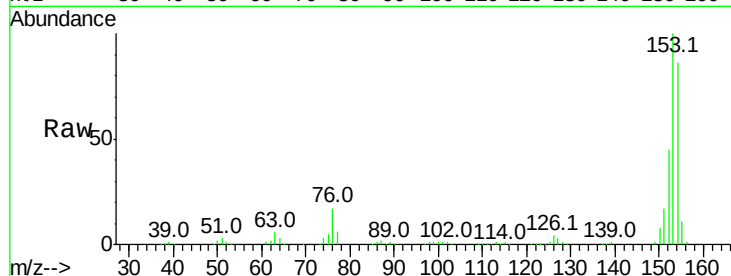
ClientSampleId :

PB110677BS

Tot Ion:	154	Resp:	330641
Ion Ratio	Lower	Upper	
154	100		
153	115.7	91.2	136.8
152	51.8	43.8	65.8

Manual Integrations
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6/29/2018 2:30:40 PM



#52

3-Nitroaniline

Concen: 15.914 ng

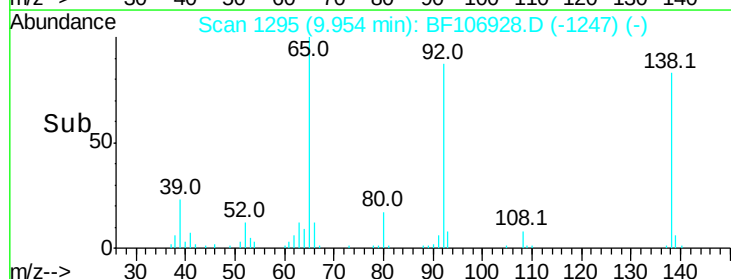
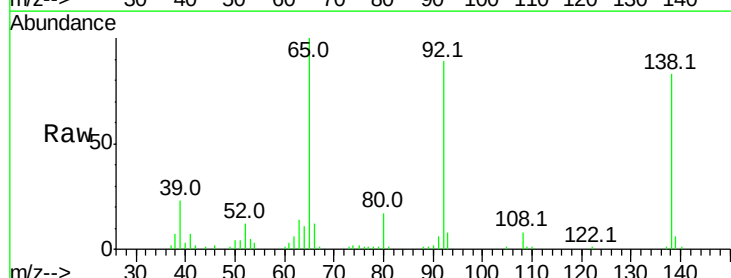
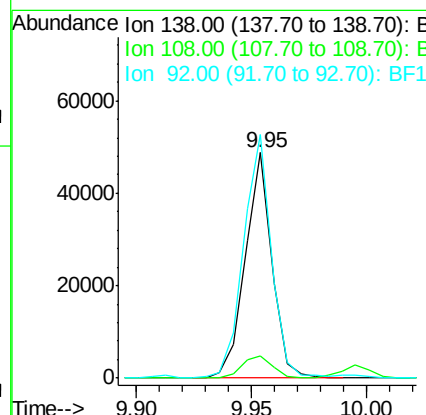
RT: 9.95 min Scan# 1295

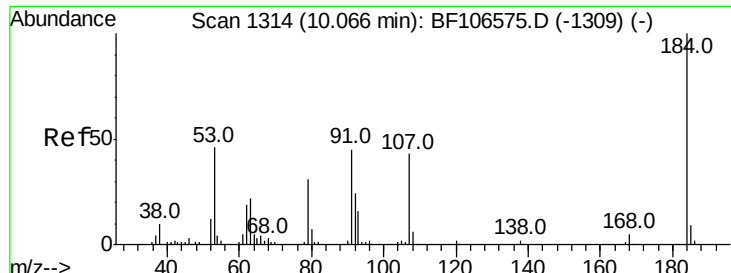
Delta R.T. -0.02 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Tgt Ion:	138	Resp:	39382
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	108.2	89.4	134.2





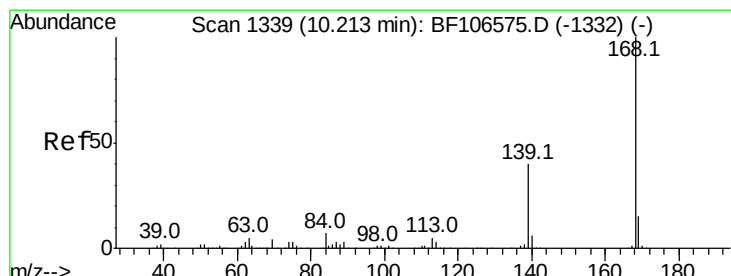
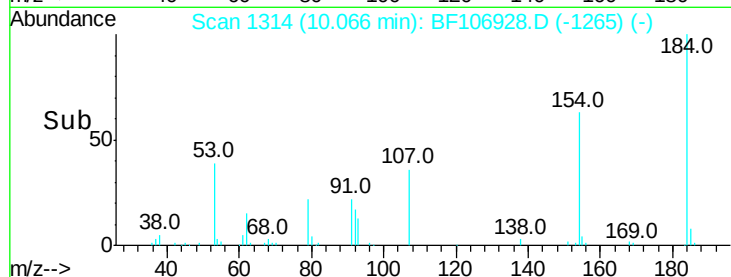
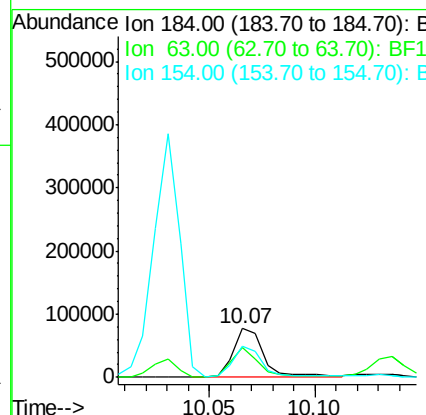
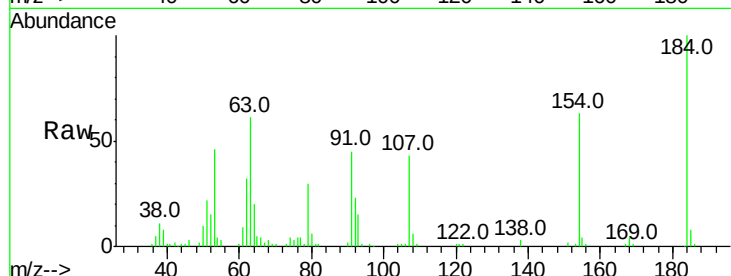
#53
 2,4-Dinitrophenol
 Concen: 71.062 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampled :
 PB110677BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.1	54.2	81.2
154	63.0	184.0	276.0#

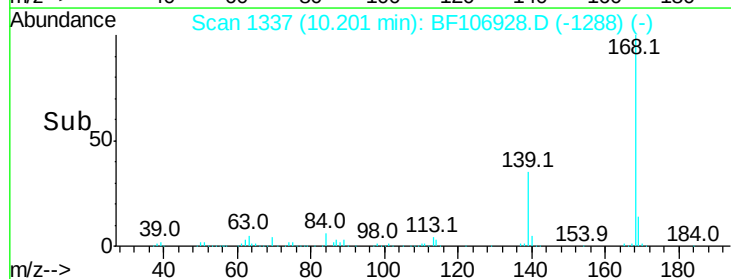
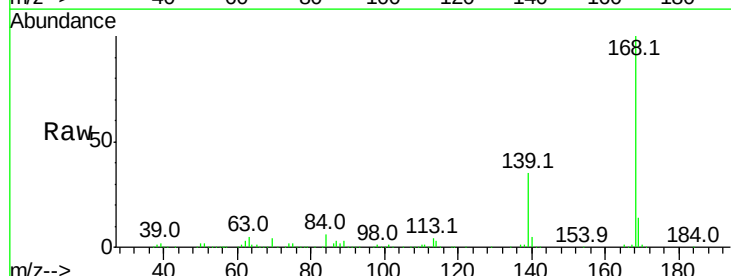
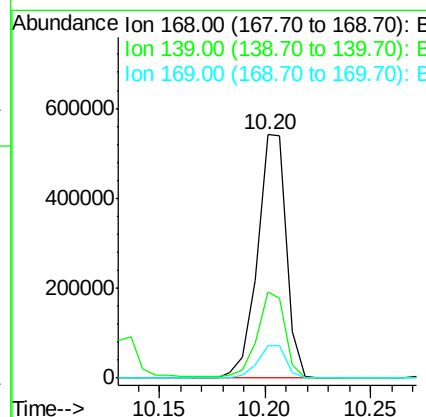
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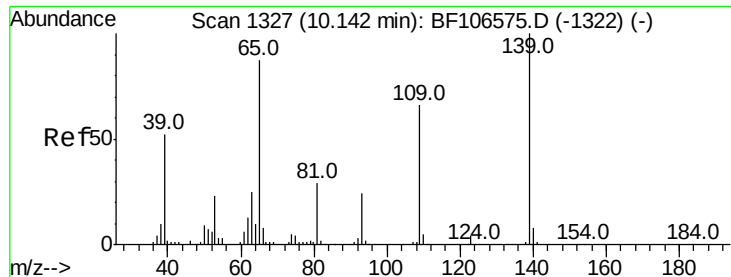
Sohil
 6/29/2018 2:30:40 PM



#54
 Dibenzofuran
 Concen: 44.677 ng
 RT: 10.20 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.1	45.1
169	13.6	10.9	16.3





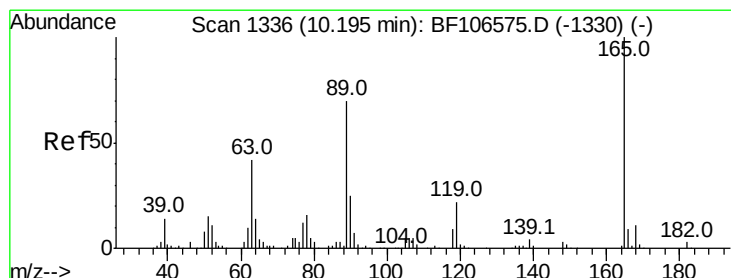
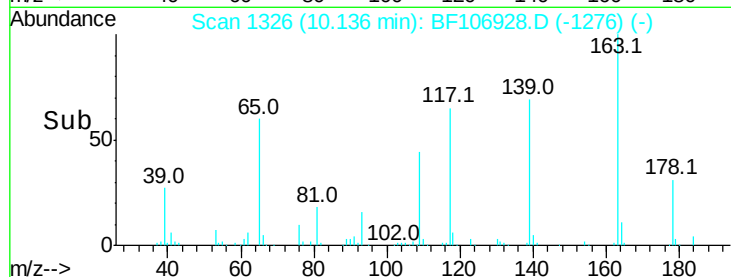
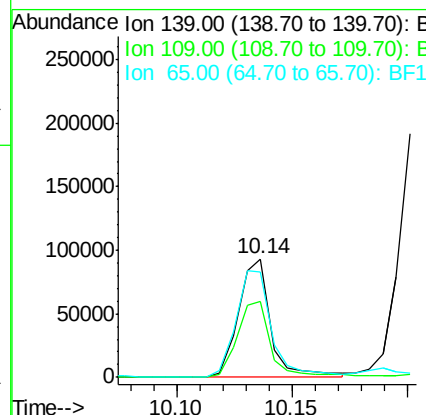
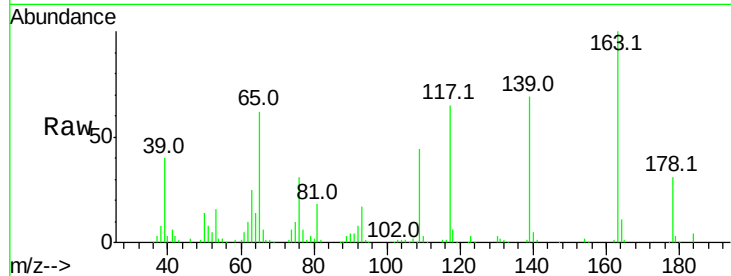
#55
4-Nitrophenol
Concen: 52.612 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.2	48.4	88.4
65	89.6	72.6	112.6

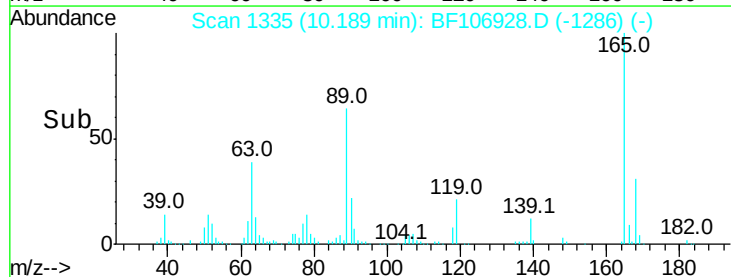
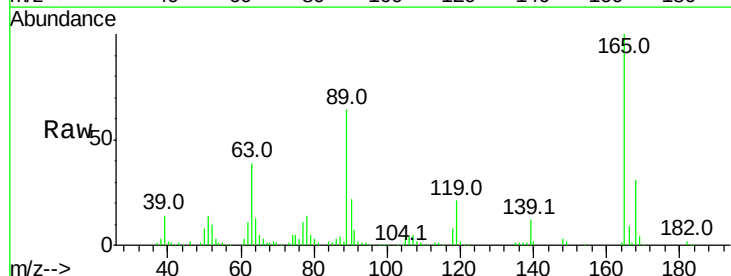
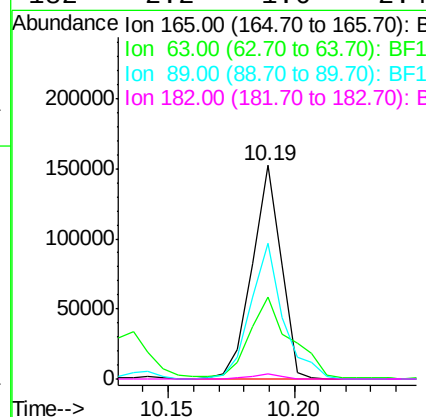
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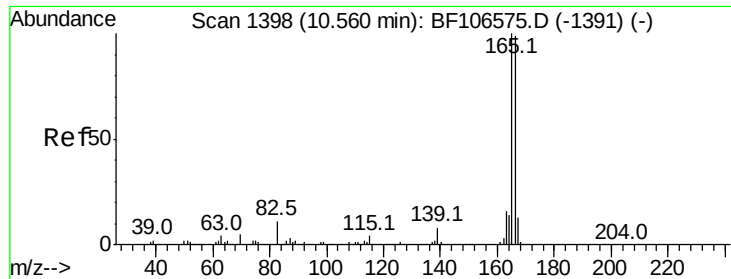
Sohil
6/29/2018 2:30:40 PM



#56
2,4-Dinitrotoluene
Concen: 43.707 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.6	36.4	54.6
89	63.7	57.8	86.6
182	2.2	1.6	2.4





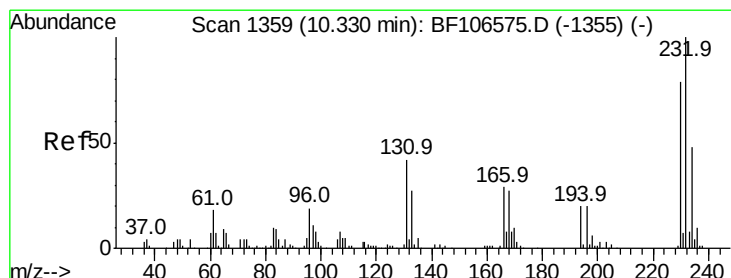
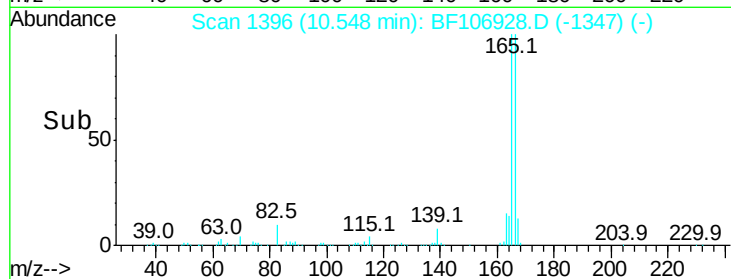
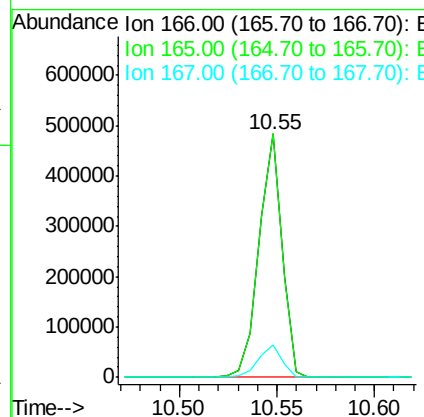
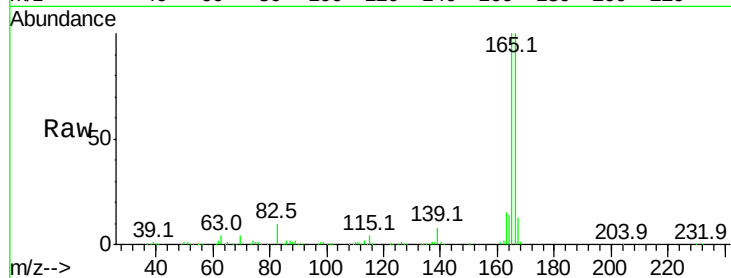
#57
 Fluorene
 Concen: 43.091 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	13.4	10.6	16.0

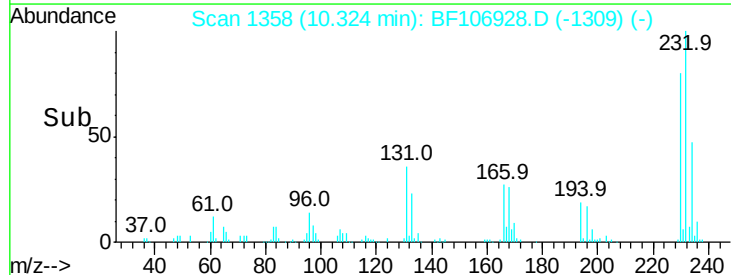
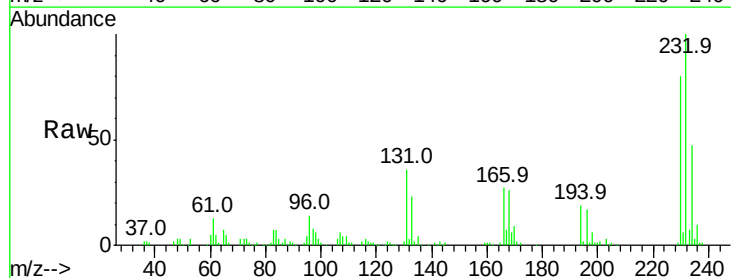
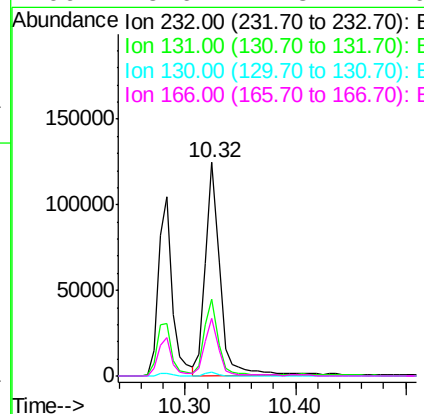
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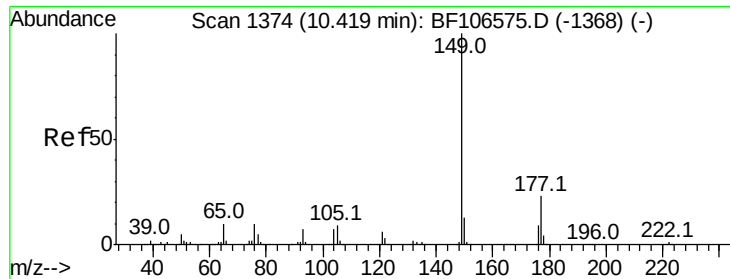
Sohil
 6/29/2018 2:30:40 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.140 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.0	43.8	65.8#
130	1.5	2.1	3.1#
166	25.6	27.8	41.6#





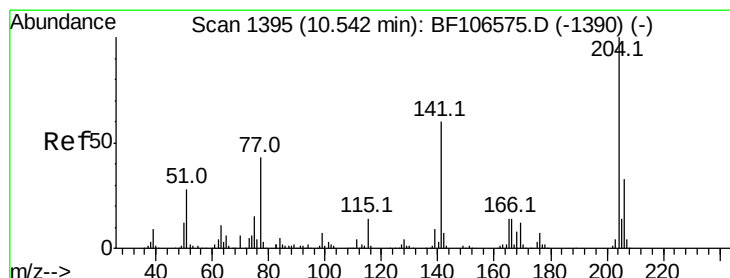
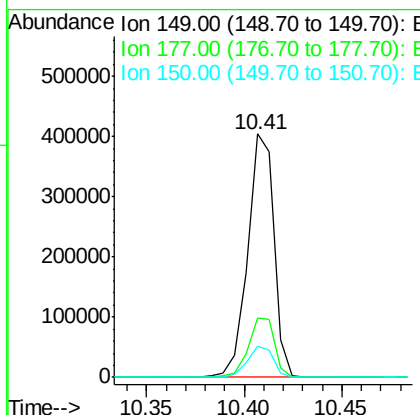
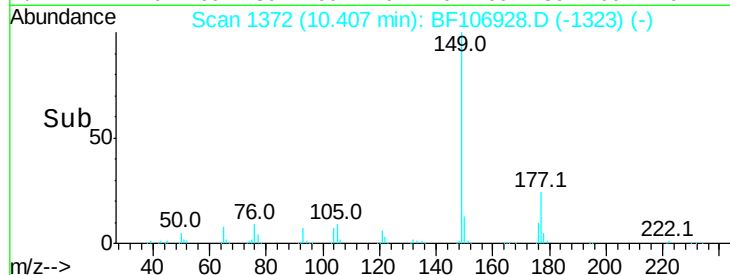
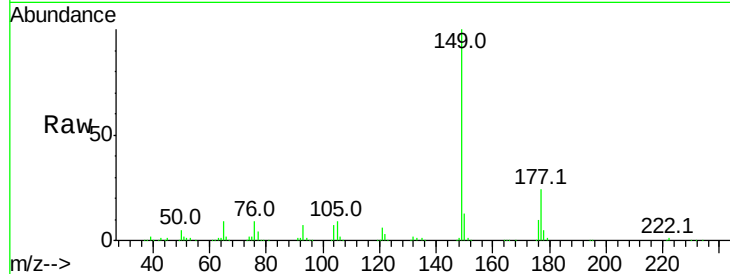
#59
Diethylphthalate
Concen: 38.252 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampled :
PB110677BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.2	16.1	24.1#
150	12.8	10.1	15.1

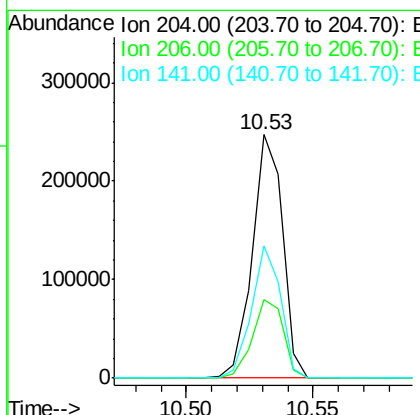
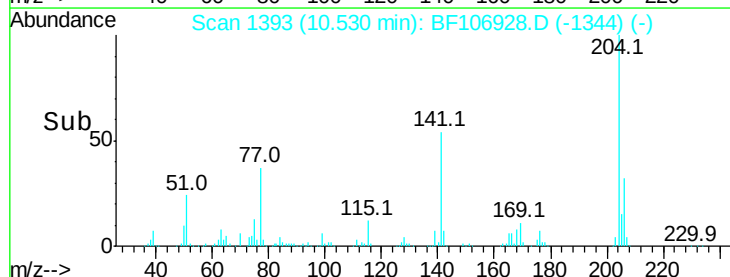
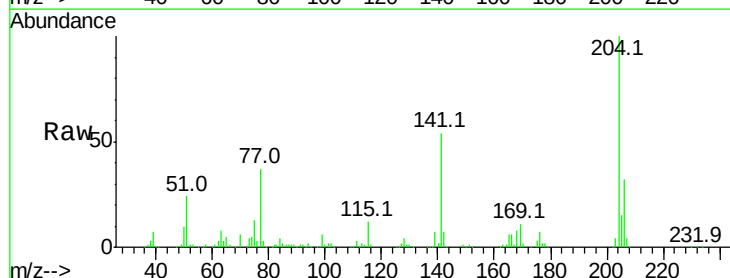
Manual Integrations
APPROVED

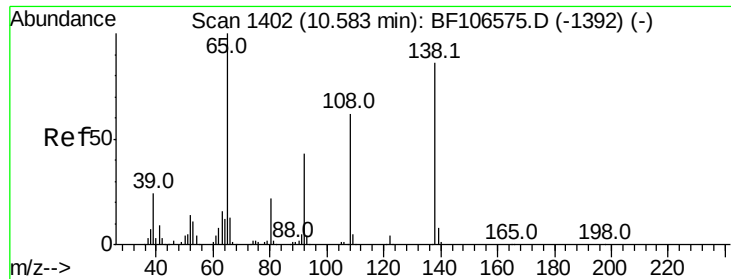
Sohil
6/29/2018 2:30:40 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.871 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	54.2	54.6	81.8#





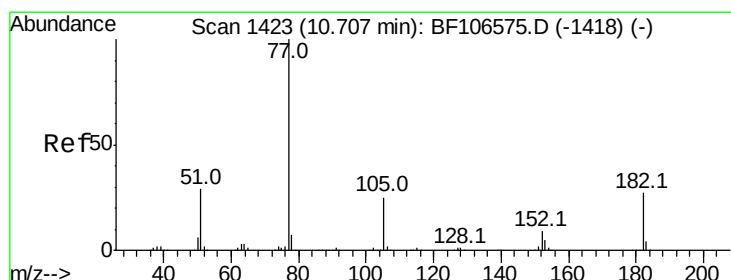
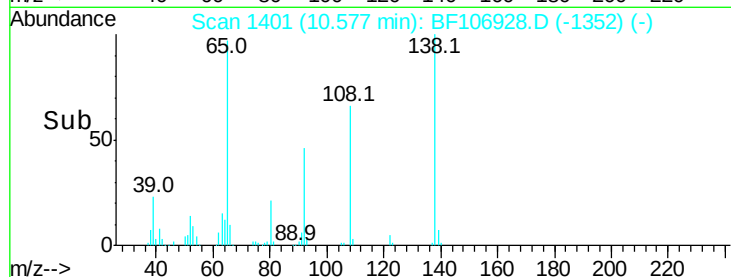
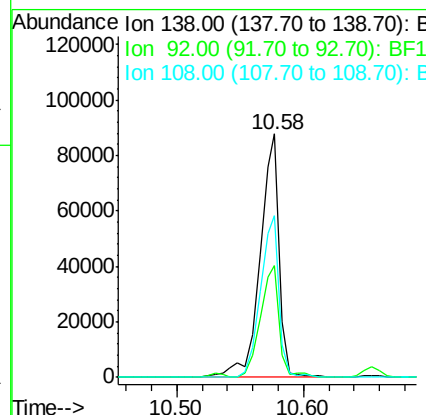
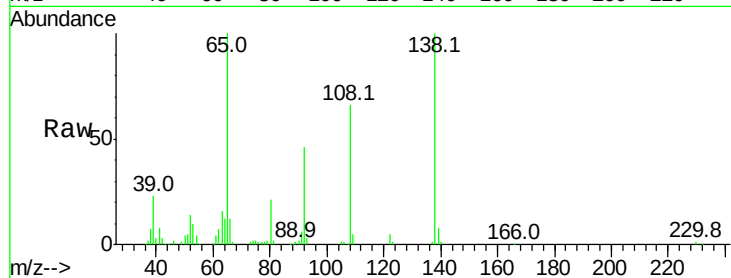
#61
4-Nitroaniline
Concen: 37.818 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.8	30.2	70.2
108	66.5	52.5	92.5

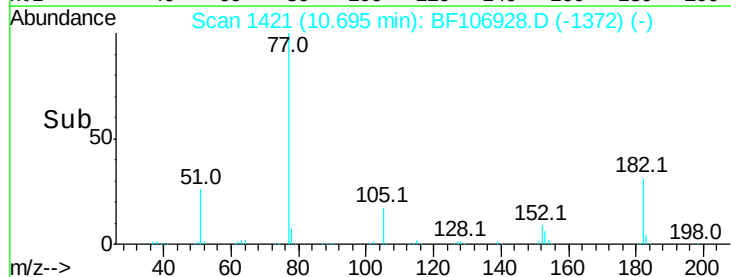
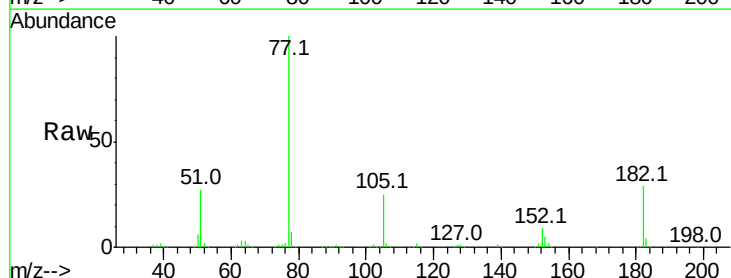
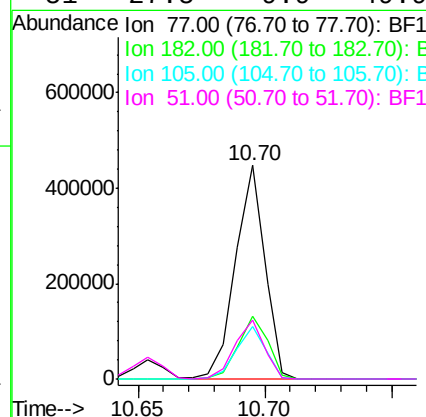
Manual Integrations
APPROVED

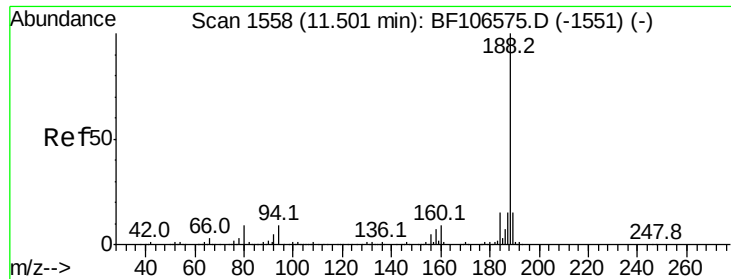
Sohil
6/29/2018 2:30:40 PM



#62
Azobenzene
Concen: 37.215 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.4	1.7	41.7
105	24.8	3.0	43.0
51	27.5	9.9	49.9





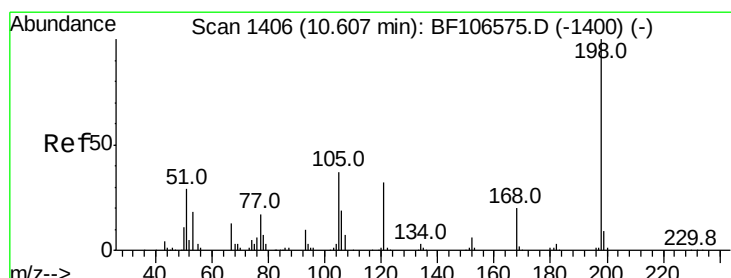
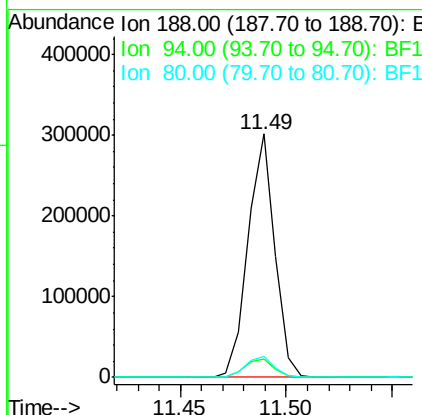
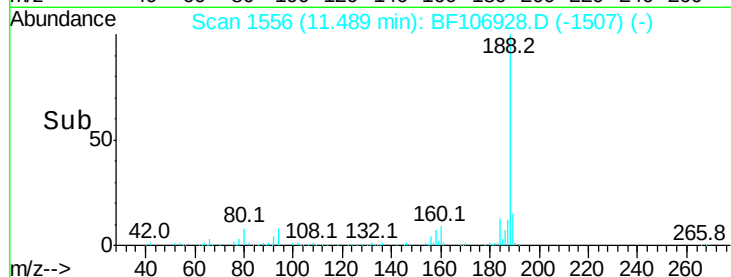
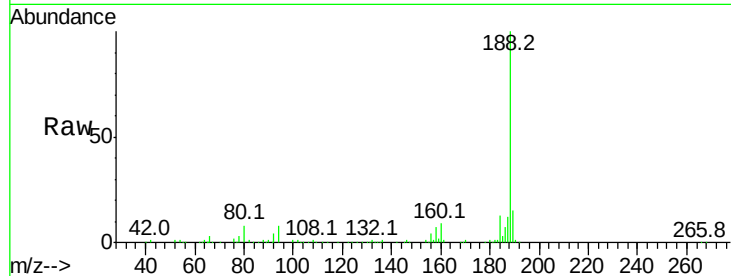
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.5	9.2	13.8#

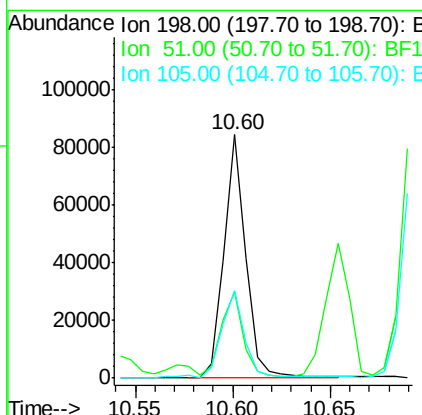
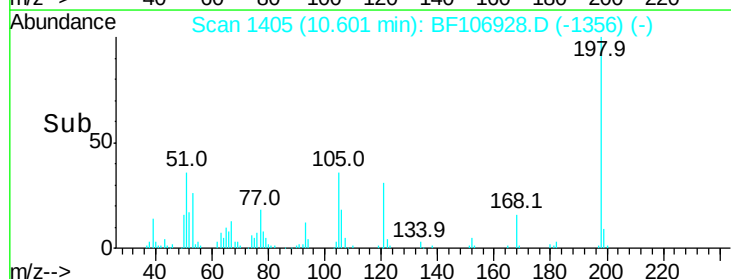
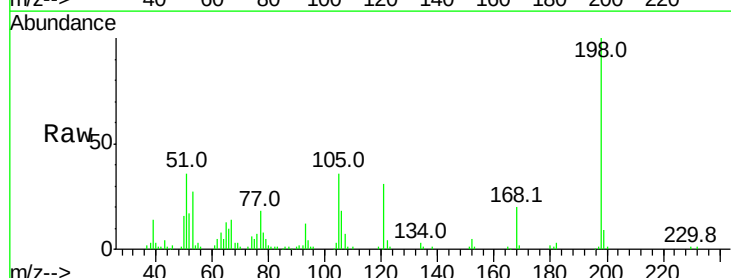
Manual Integrations
APPROVED

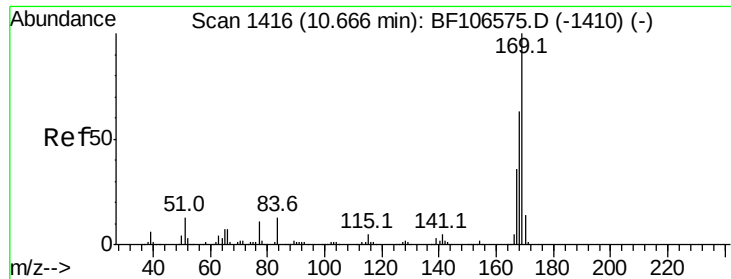
Sohil
6/29/2018 2:30:40 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.393 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	35.6	37.7	77.7#
105	35.9	36.3	76.3#





#65

n-Nitrosodiphenylamine

Concen: 38.489 ng

RT: 10.65 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

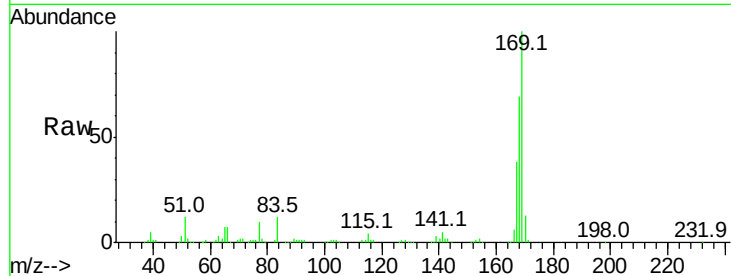
ClientSampled :

PB110677BS

Tot Ion:	169	Resp:	342011
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.4	81.6
167	37.8	29.8	44.6

Manual Integrations
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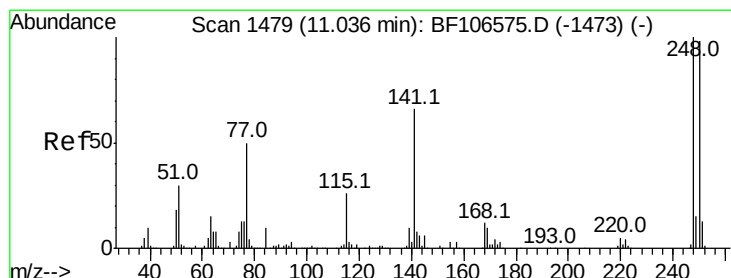
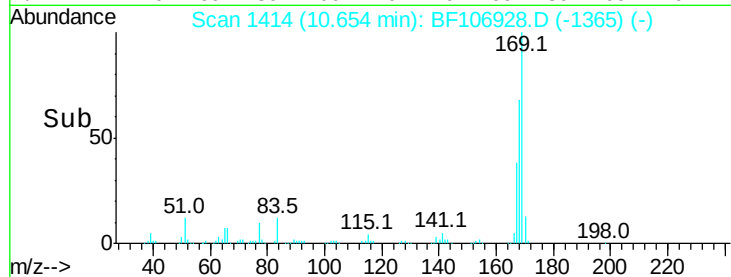
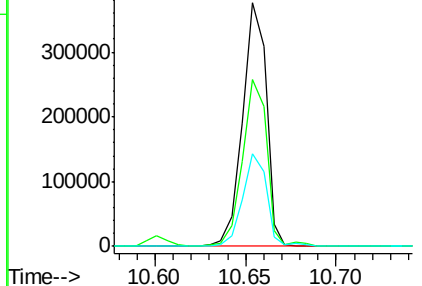
Sohil
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.914 ng

RT: 11.02 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF106928.D

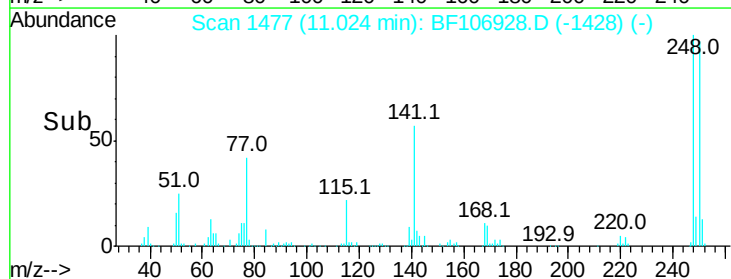
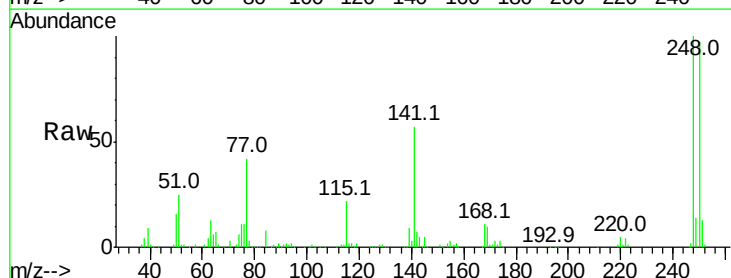
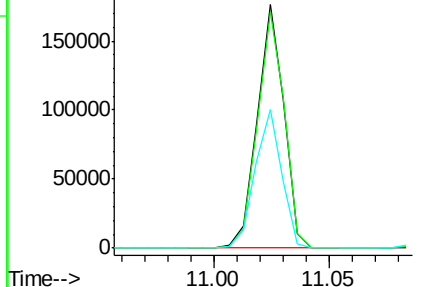
Acq: 28 Jun 2018 18:42

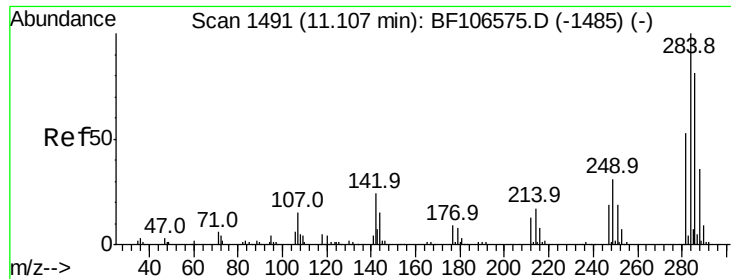
Tgt Ion:	248	Resp:	141609
Ion Ratio	Lower	Upper	
248	100		
250	97.1	76.9	115.3
141	56.9	74.4	111.6#

Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.297 ng

RT: 11.10 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

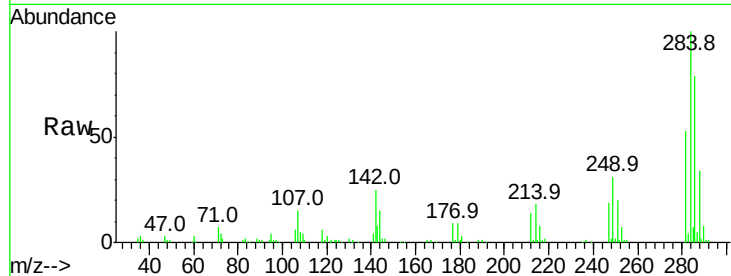
ClientSampled :

PB110677BS

Tot Ion:	284	Resp:	149477
Ion Ratio	Lower	Upper	
284	100		
142	25.5	34.6	52.0#
249	30.7	24.8	37.2

Manual Integrations
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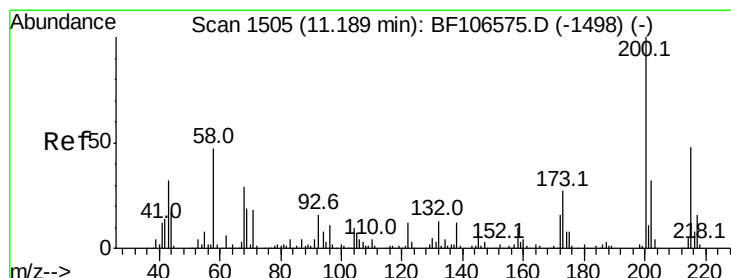
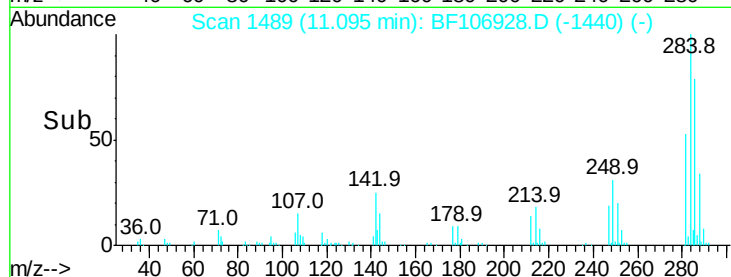
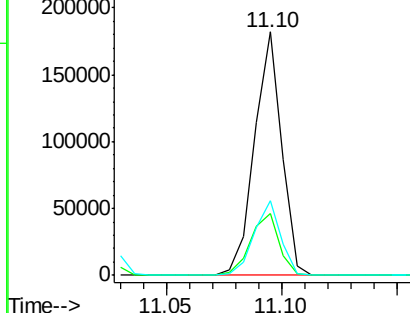
Sohil
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.876 ng

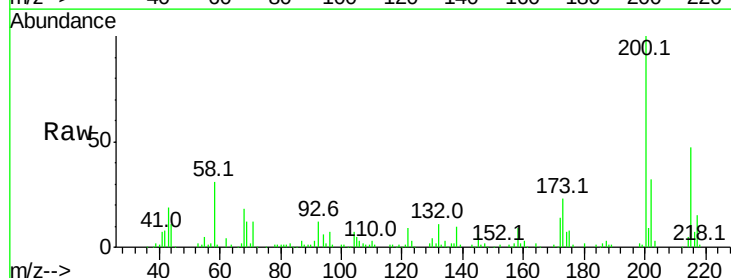
RT: 11.18 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

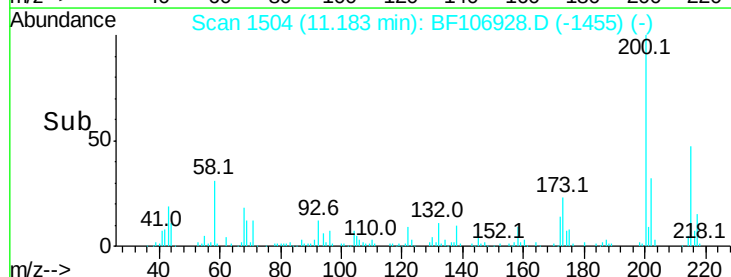
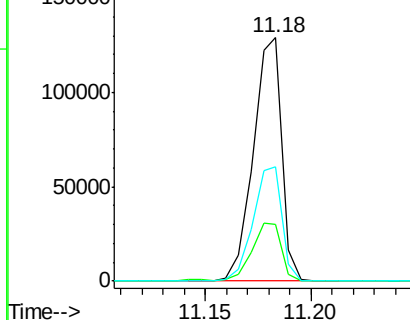
Tgt Ion:	200	Resp:	121119
Ion Ratio	Lower	Upper	
200	100		
173	23.3	8.6	48.6
215	47.1	25.1	65.1

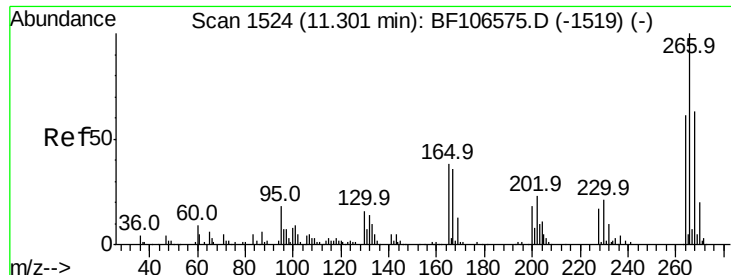


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





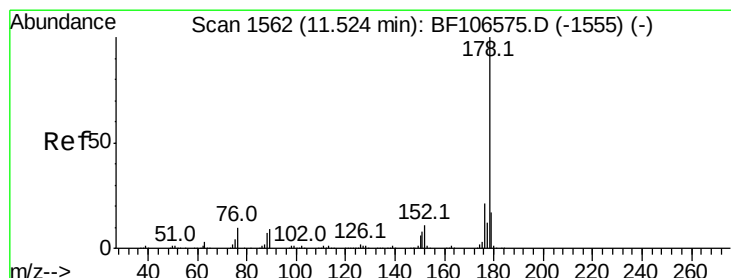
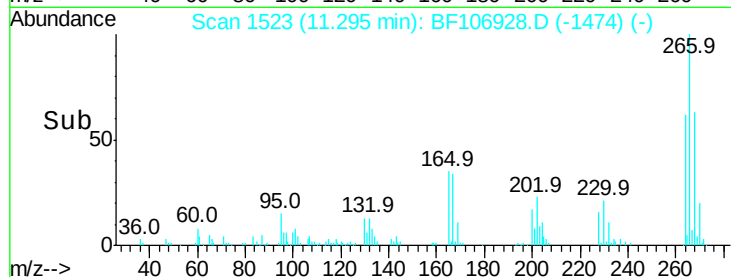
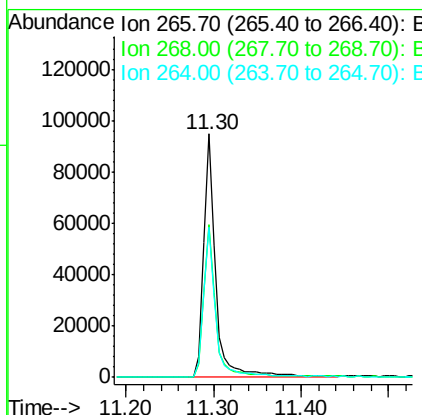
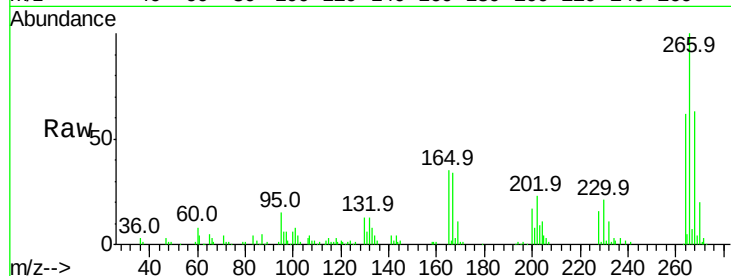
#69
 Pentachlorophenol
 Concen: 56.674 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	61.9	49.5	74.3

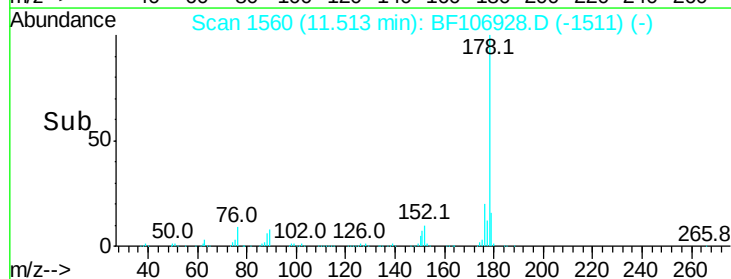
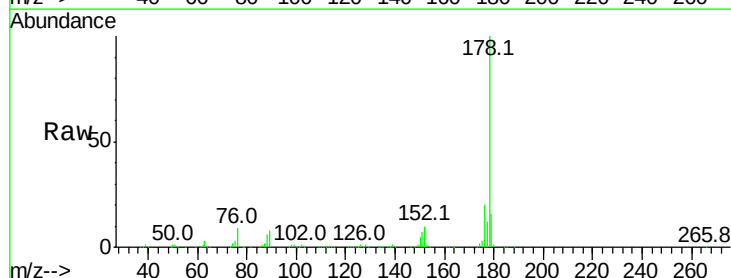
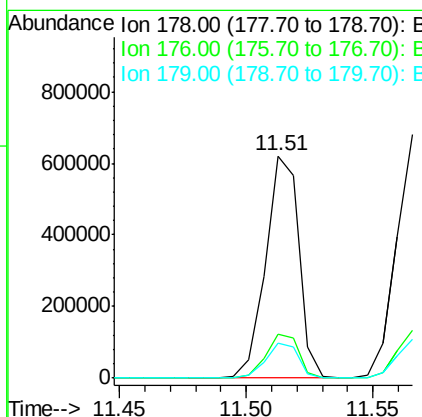
Manual Integrations
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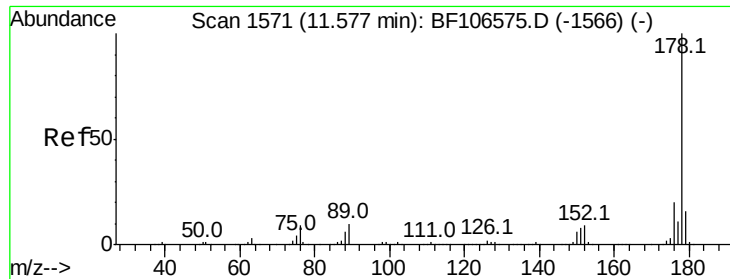
Sohil
 6/29/2018 2:30:40 PM



#70
 Phenanthrene
 Concen: 44.841 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6





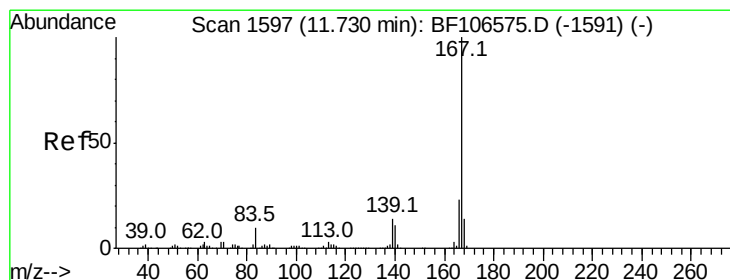
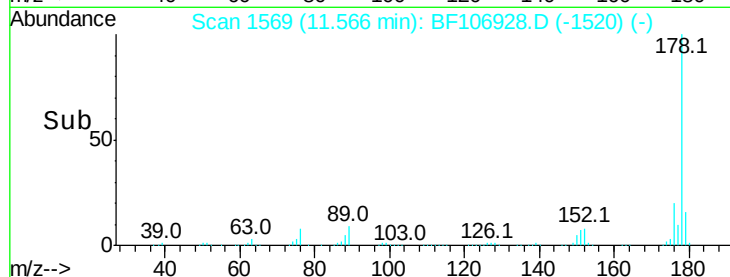
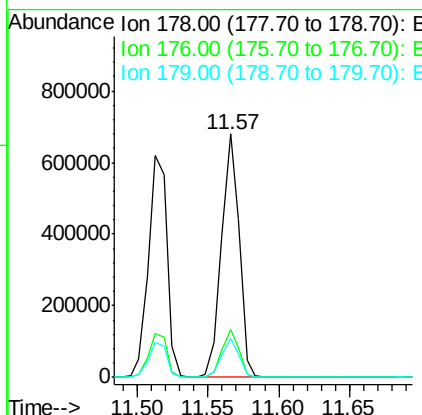
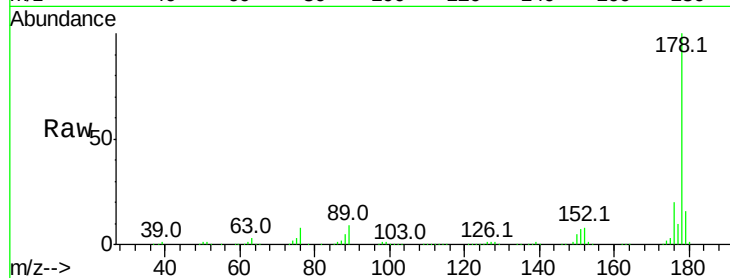
#71
 Anthracene
 Concen: 45.646 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	593669		
176	19.6		15.4	23.2
179	16.1		12.6	19.0

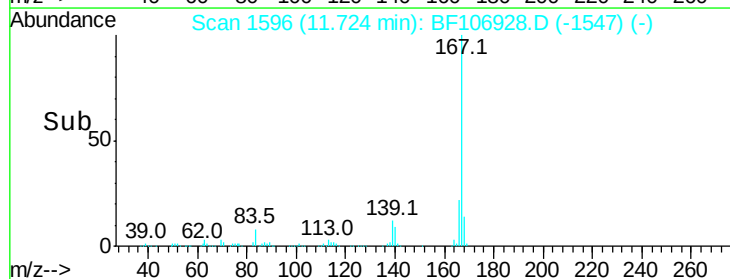
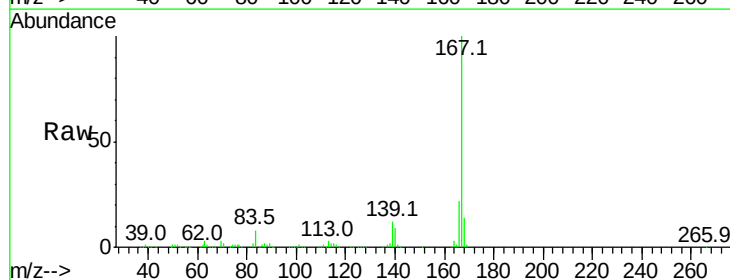
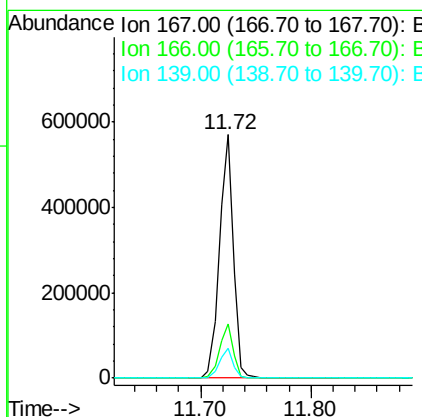
Manual Integrations
 APPROVED

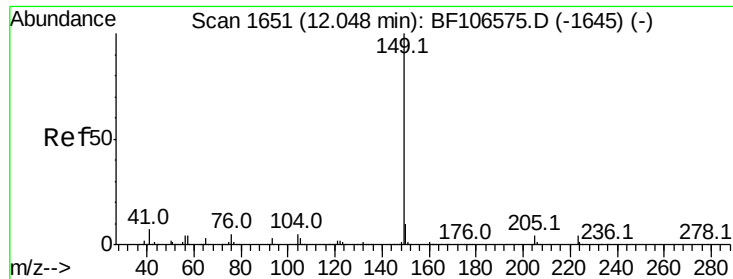
Sohil
 6/29/2018 2:30:40 PM



#72
 Carbazole
 Concen: 41.079 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	500217		
166	22.0		17.6	26.4
139	12.0		10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.892 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

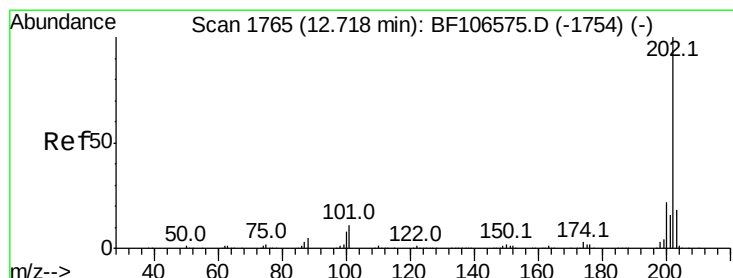
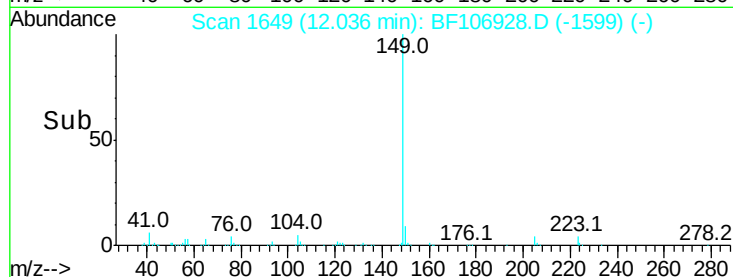
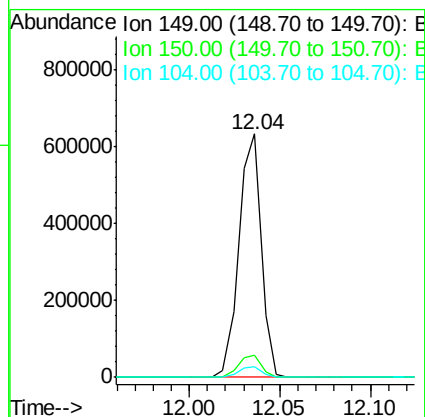
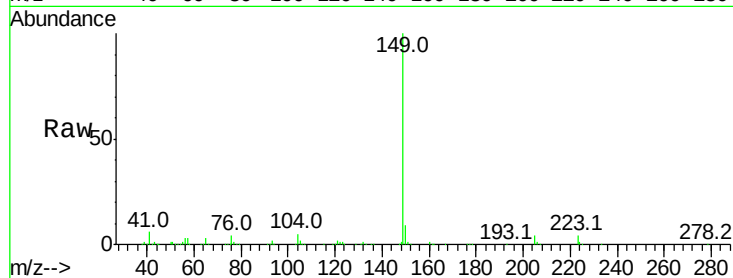
ClientSampleId :

PB110677BS

Tot Ion:	149	Resp:	543576
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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6/29/2018 2:30:40 PM



#74

Fluoranthene

Concen: 41.892 ng

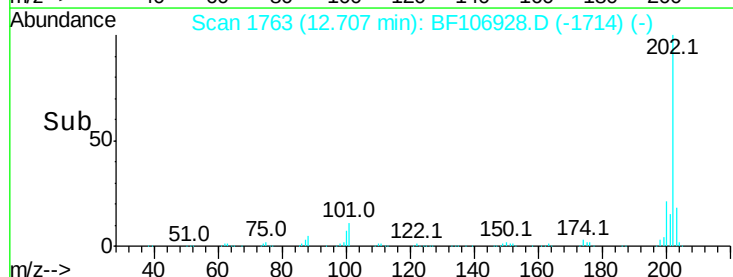
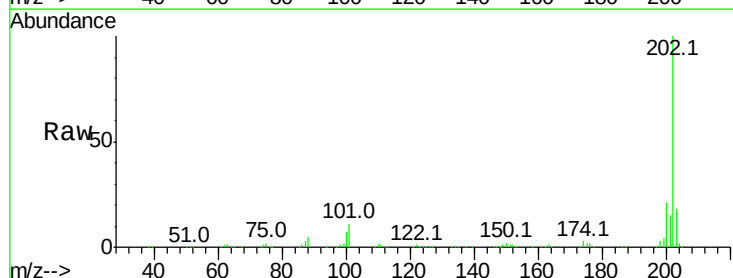
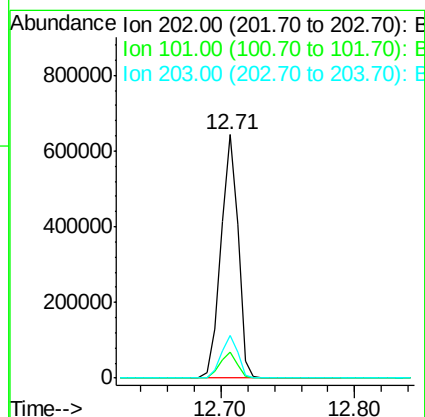
RT: 12.71 min Scan# 1763

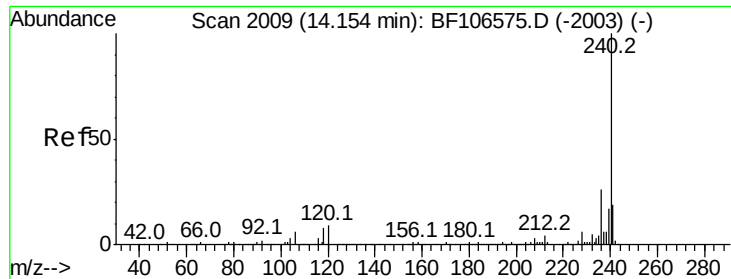
Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Tgt Ion:	202	Resp:	588355
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

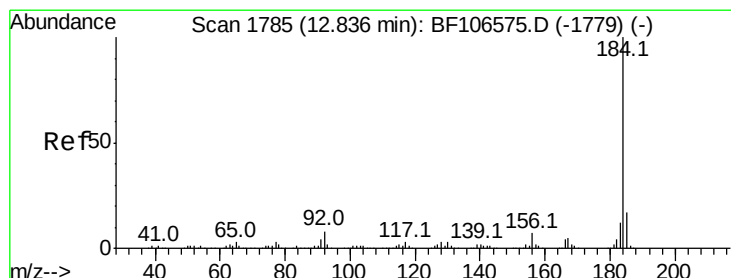
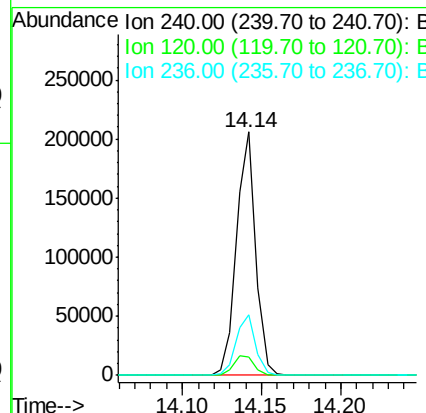
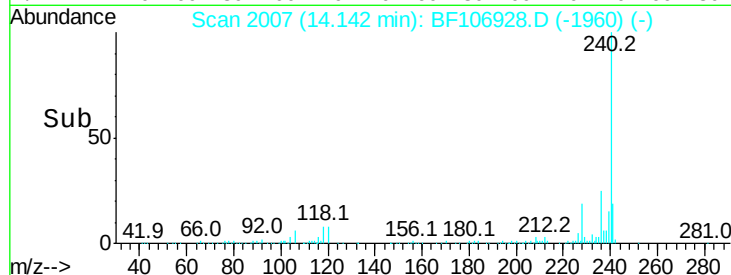
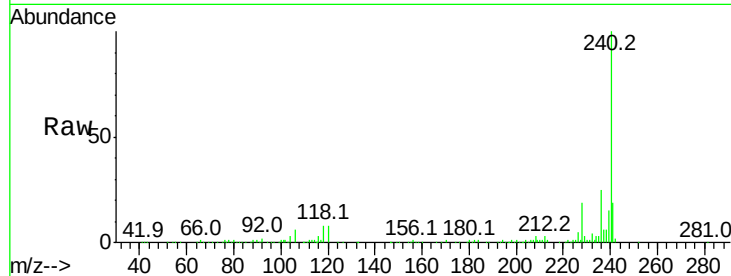
ClientSampleId :

PB110677BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.7	9.5	14.3#
236	25.1	20.7	31.1

Manual Integrations
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6/29/2018 2:30:40 PM



#76

Benzidine

Concen: 42.156 ng

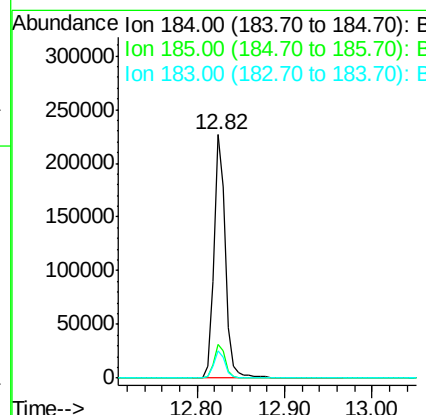
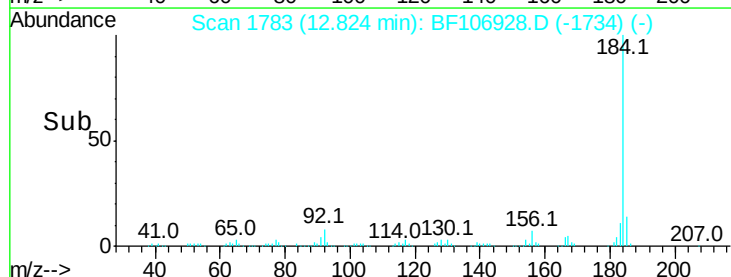
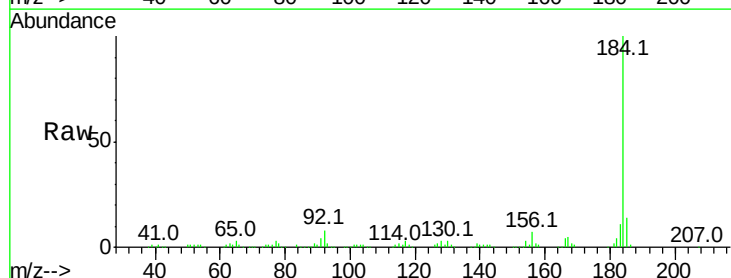
RT: 12.82 min Scan# 1783

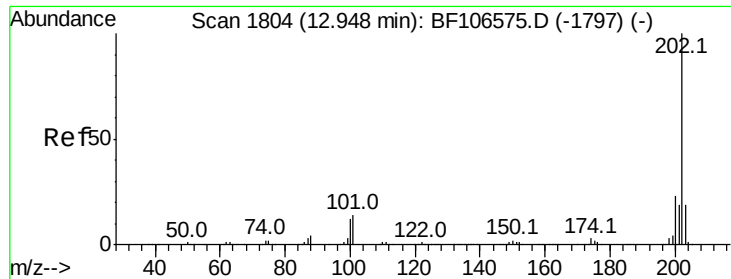
Delta R.T. -0.01 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	18.8
183	11.4	9.3	13.9





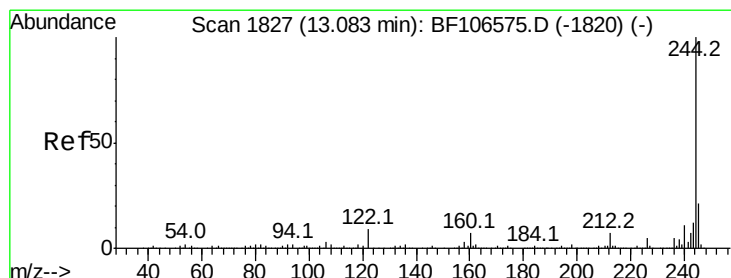
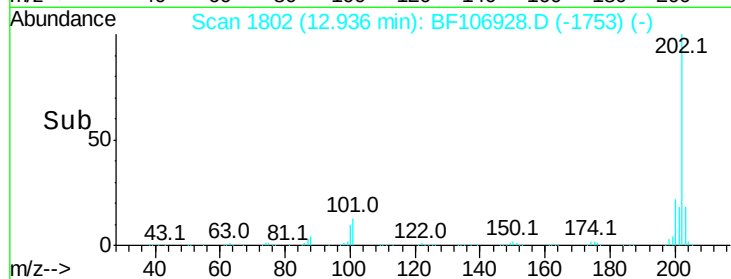
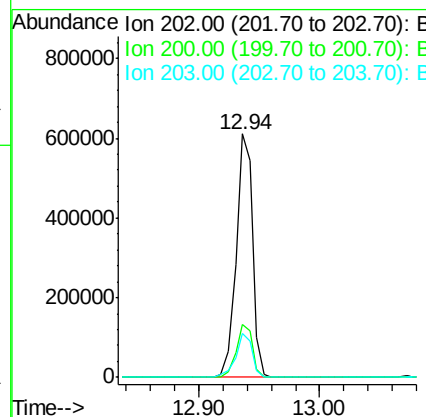
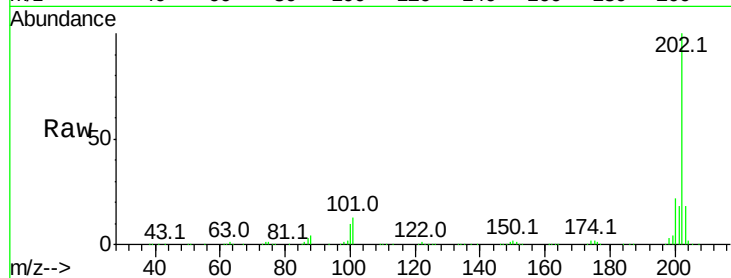
#77
Pvrene
Concen: 50.462 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	574416		
200	21.8		17.4	26.2
203	17.8		14.3	21.5

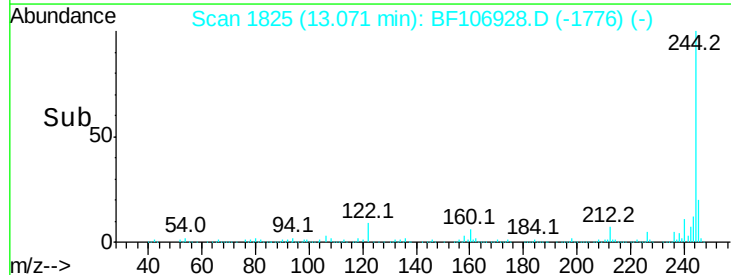
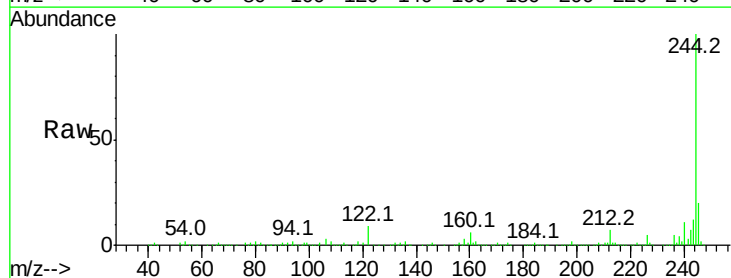
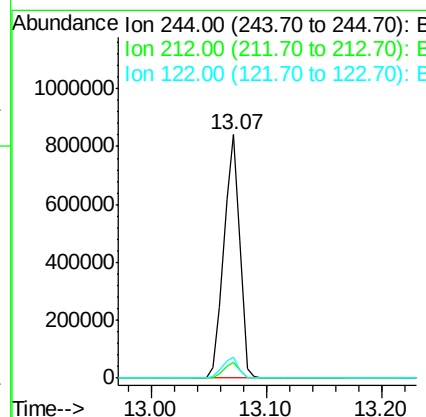
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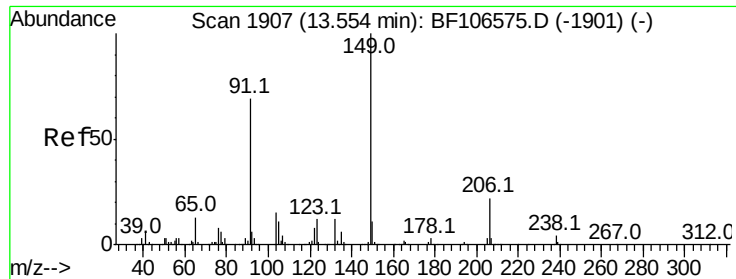
Sohil
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#78
Terphenyl-d14
Concen: 111.840 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	797007		
212	6.7		5.4	8.0
122	8.8		11.0	16.4#





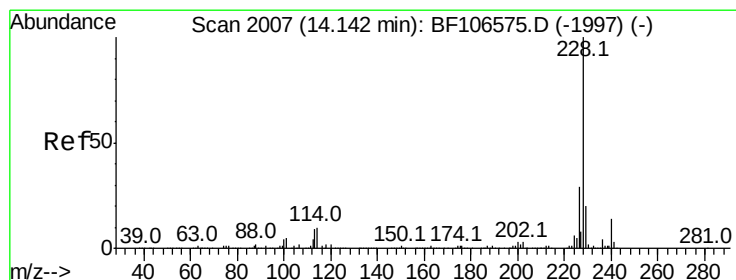
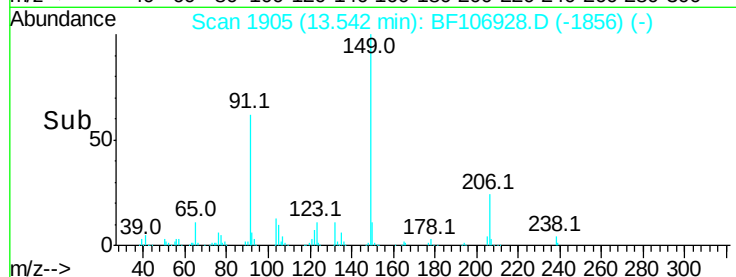
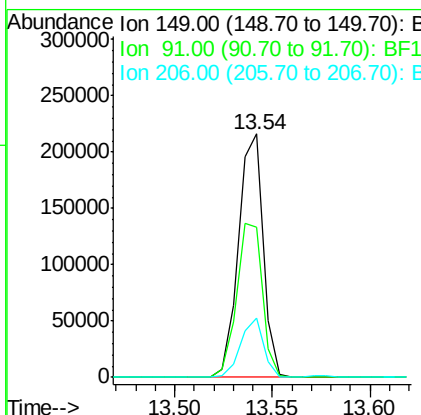
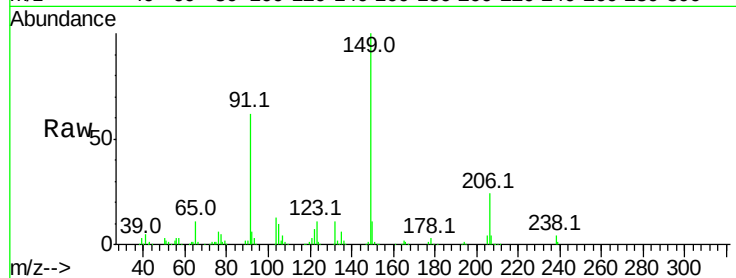
#79
Butylbenzylphthalate
Concen: 40.589 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampled :
PB110677BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	61.8	56.8	85.2
206	24.5	14.1	21.1

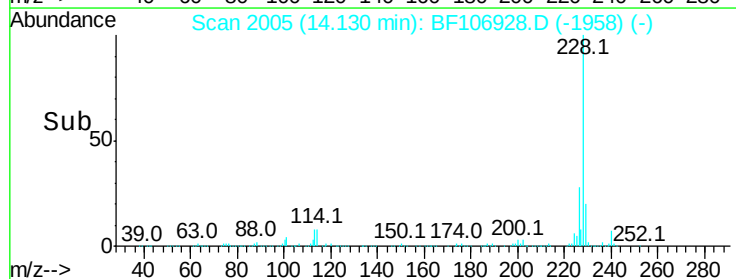
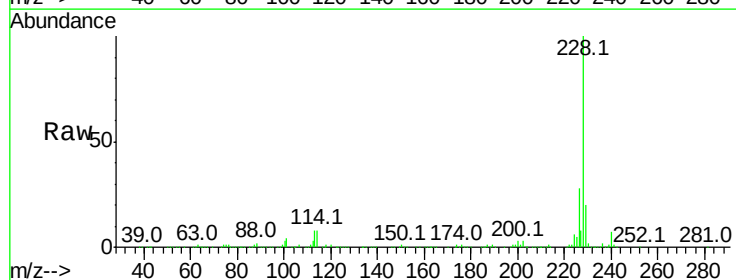
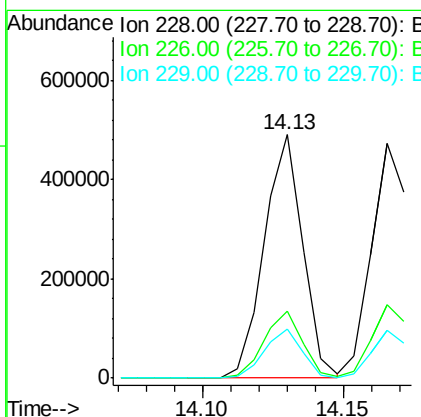
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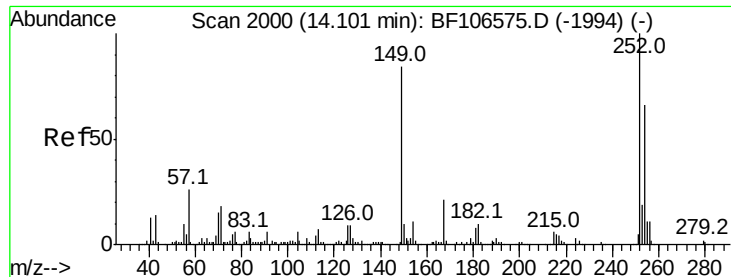
Sohil
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#80
Benzo(a)anthracene
Concen: 43.942 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.0	15.8	23.6





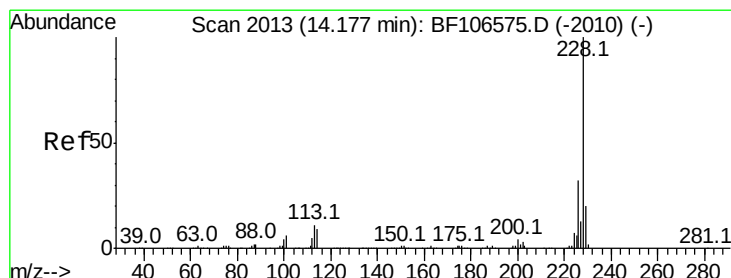
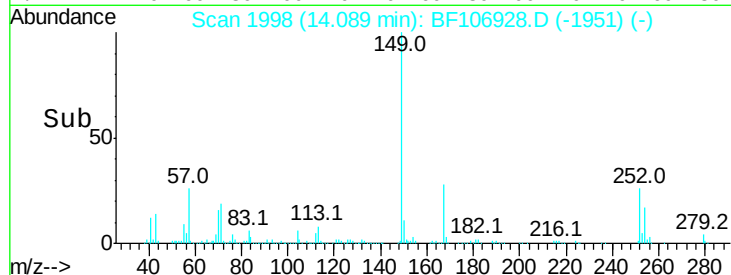
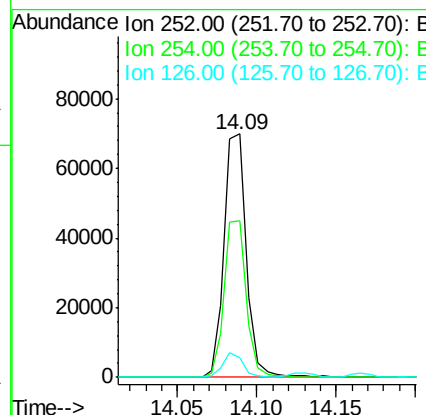
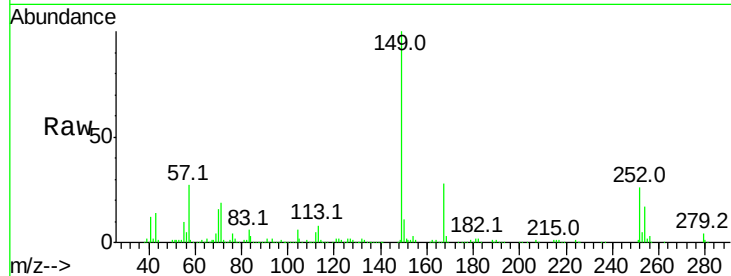
#81
 3,3'-Dichlorobenzidine
 Concen: 18.304 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	7.8	11.3	16.9

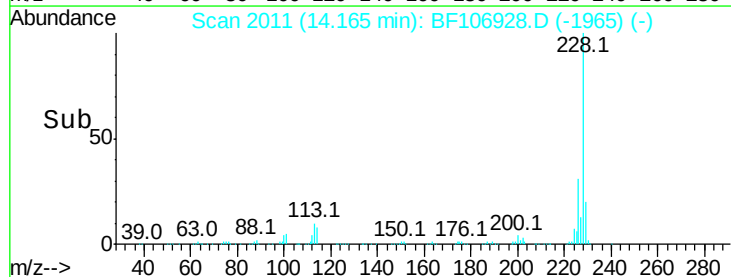
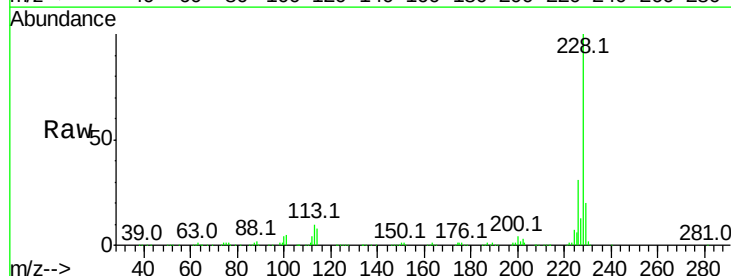
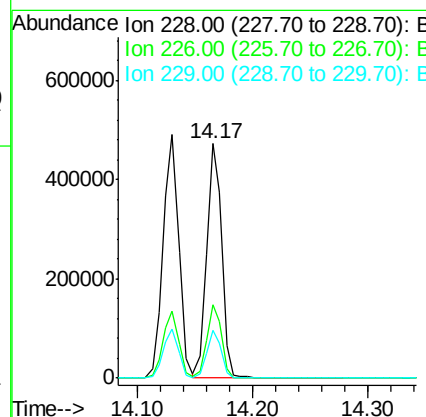
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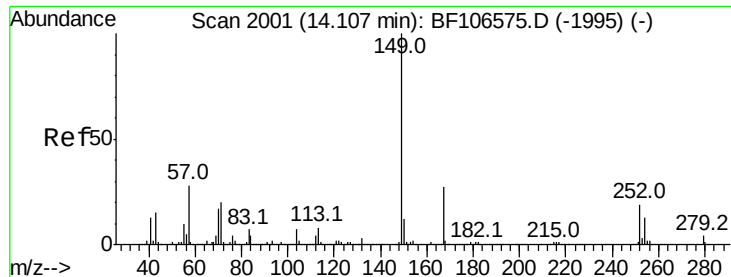
Sohil
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#82
 Chrysene
 Concen: 44.786 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.112 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

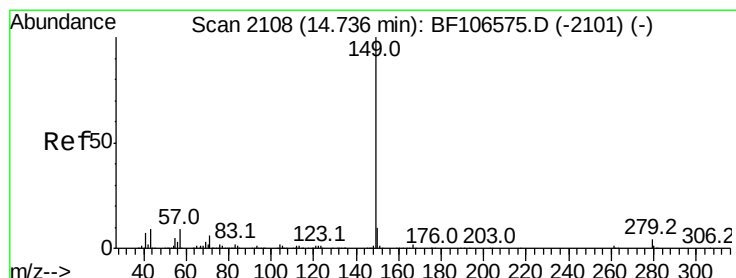
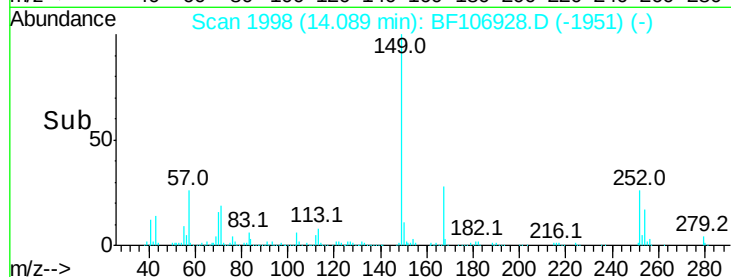
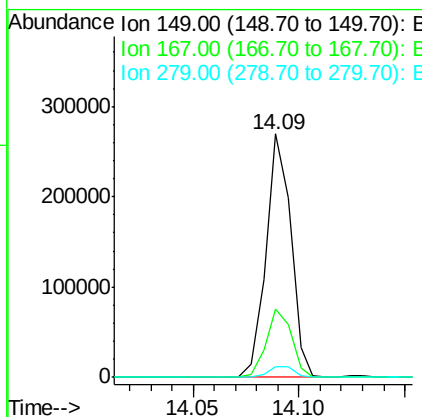
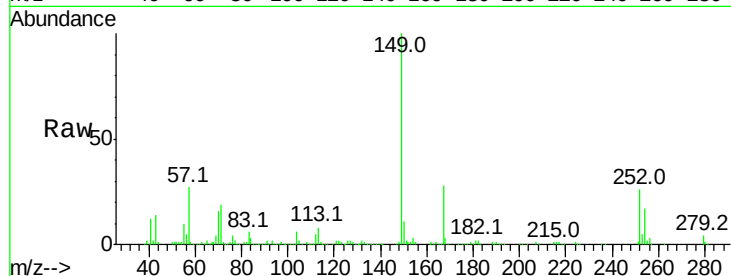
ClientSampleId :

PB110677BS

Tot Ion:	149	Resp:	222058
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.3	31.9
279	4.3	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 33.332 ng

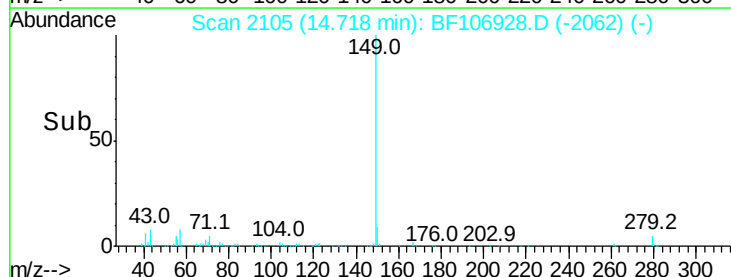
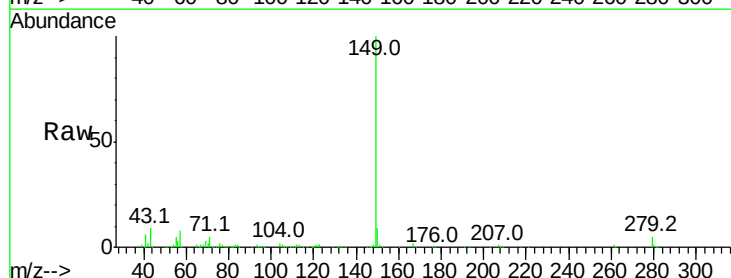
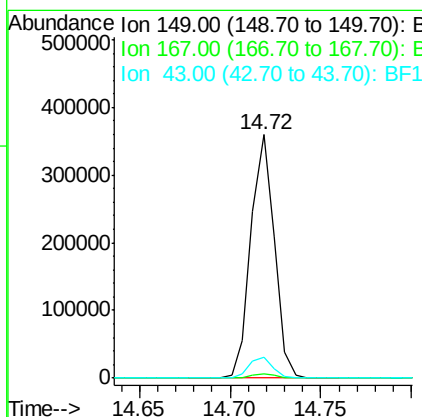
RT: 14.72 min Scan# 2105

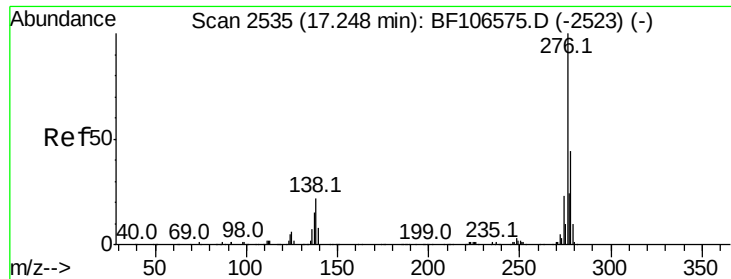
Delta R.T. -0.05 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Tgt Ion:	149	Resp:	325097
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8
43	8.6	8.4	12.6





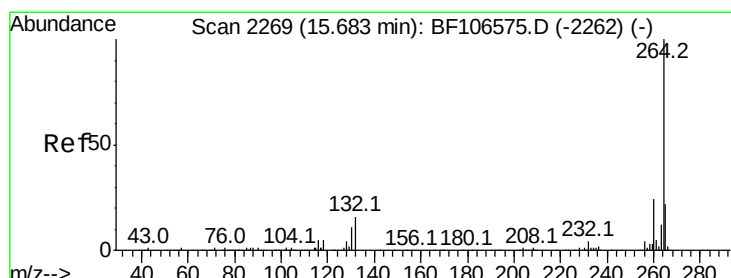
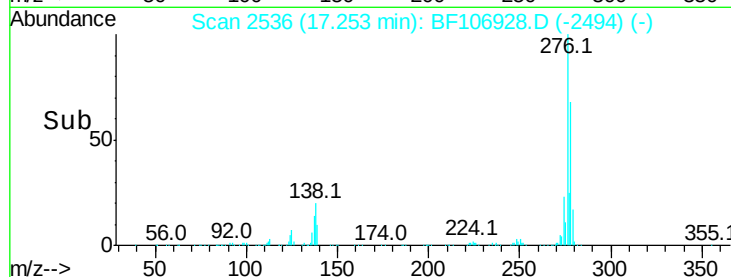
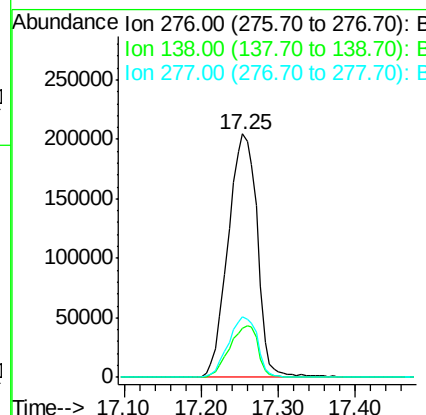
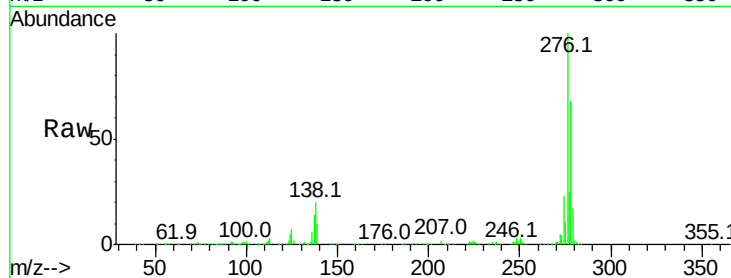
#85
Indeno(1,2,3-cd)pyrene
Concen: 65.797 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleID :
PB110677BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	25.0	20.1	30.1

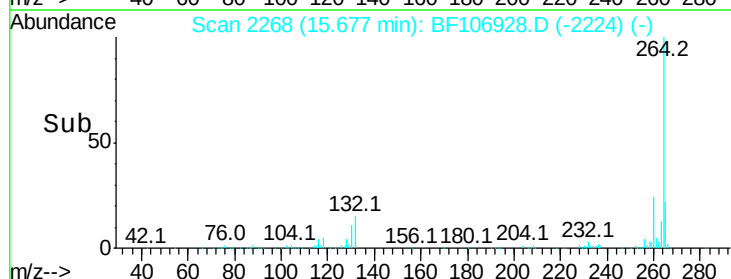
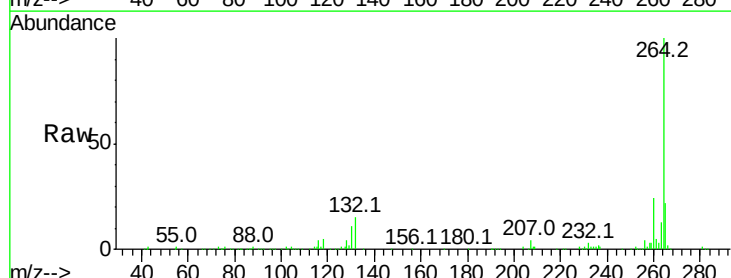
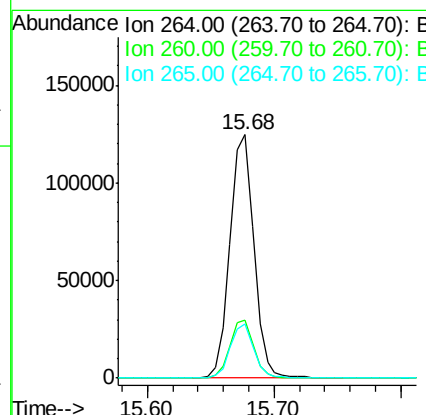
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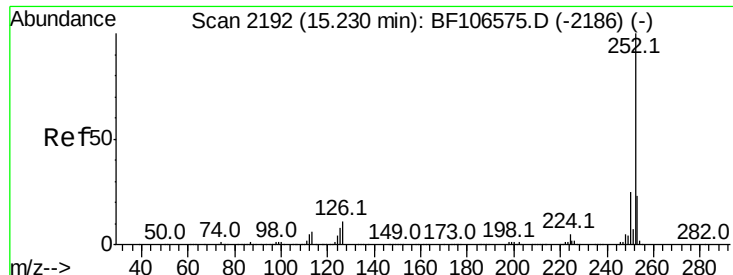
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 42.085 ng

RT: 15.22 min Scan# 2190

Delta R.T. -0.04 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Instrument :

BNA_F

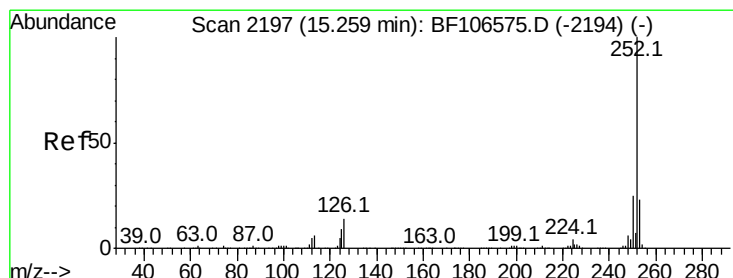
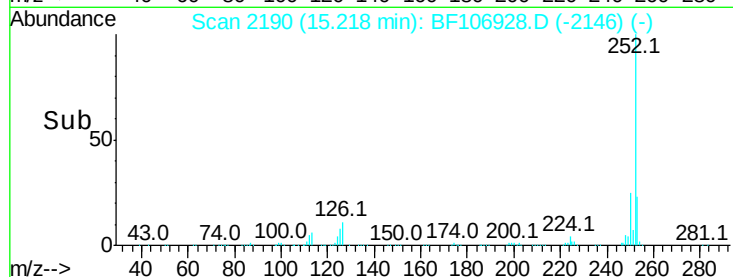
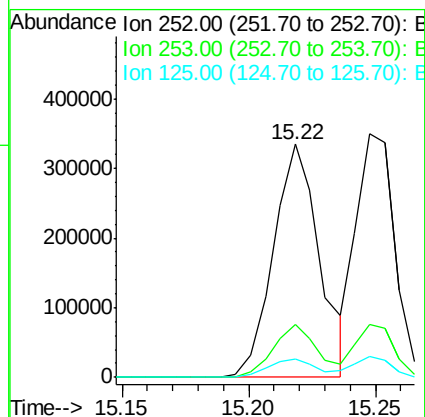
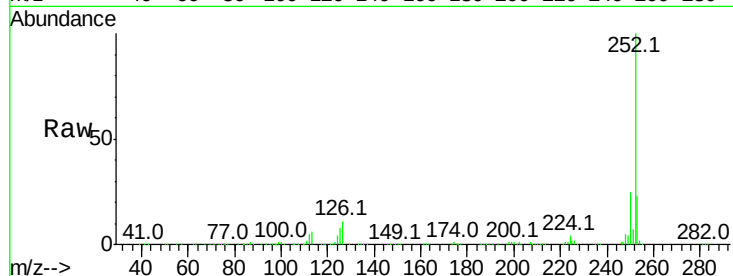
ClientSampleId :

PB110677BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	427031		
253	22.5	17.0	25.6	
125	8.1	9.0	13.6	

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6/29/2018 2:30:40 PM



#88

Benzo(k)fluoranthene

Concen: 38.746 ng

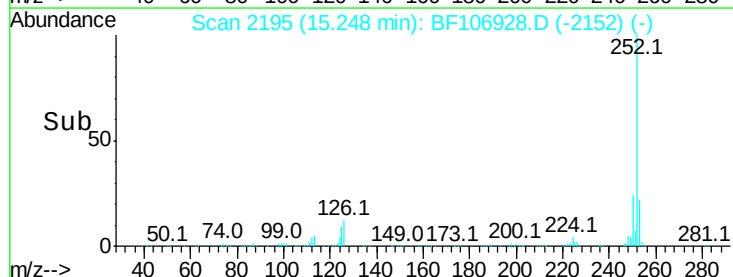
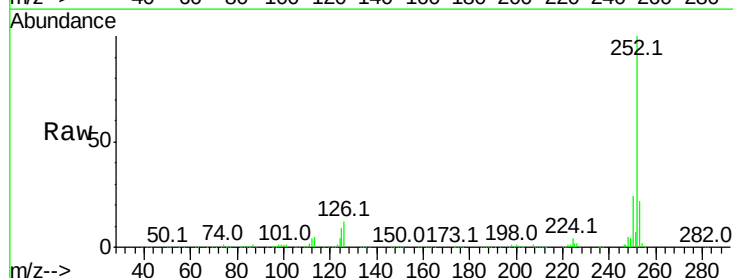
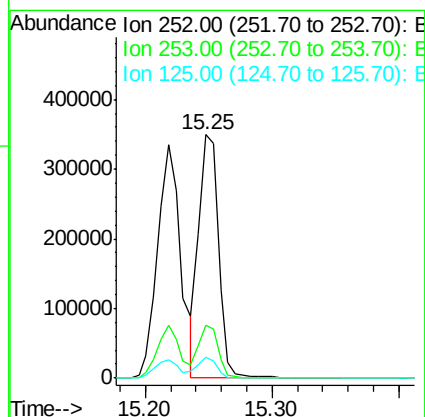
RT: 15.25 min Scan# 2195

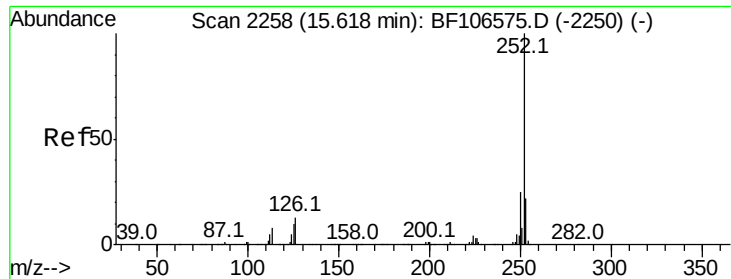
Delta R.T. -0.05 min

Lab File: BF106928.D

Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	374393		
253	21.7	17.9	26.9	
125	8.6	10.2	15.2	





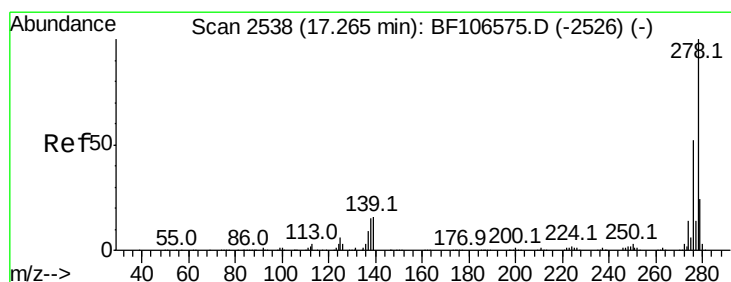
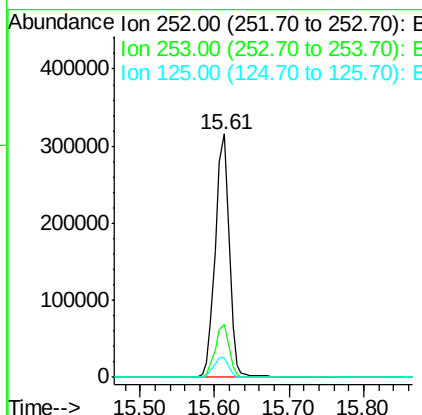
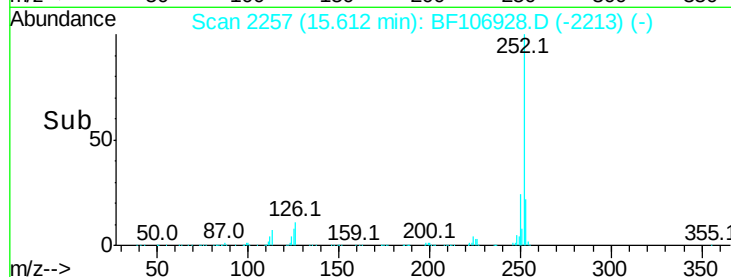
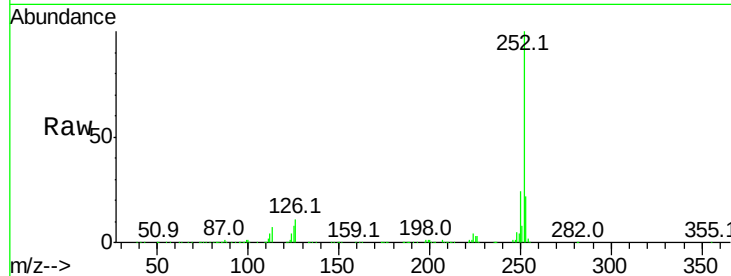
#89
Benzo(a)pyrene
Concen: 45.677 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	7.9	9.8	14.6

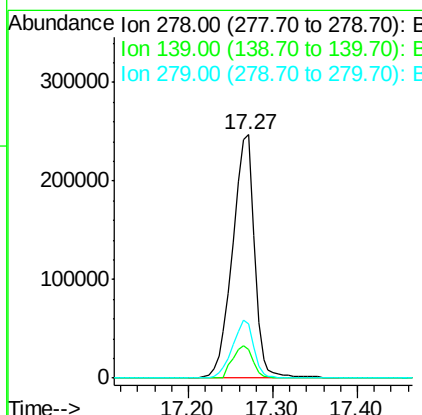
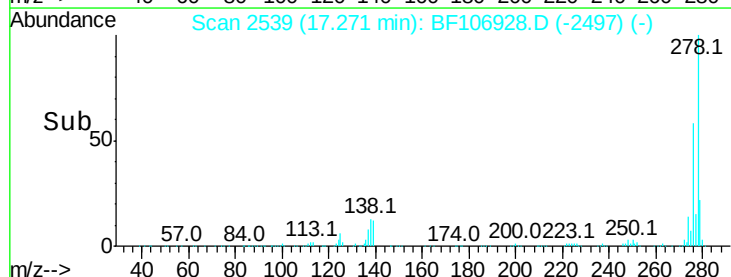
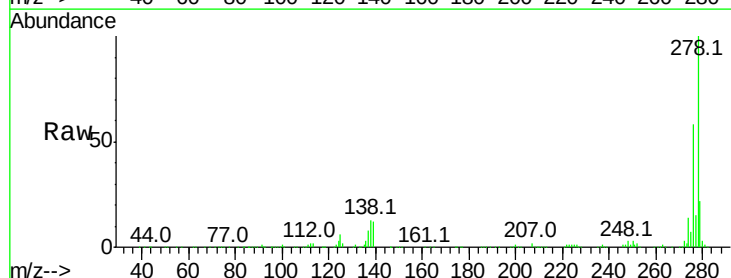
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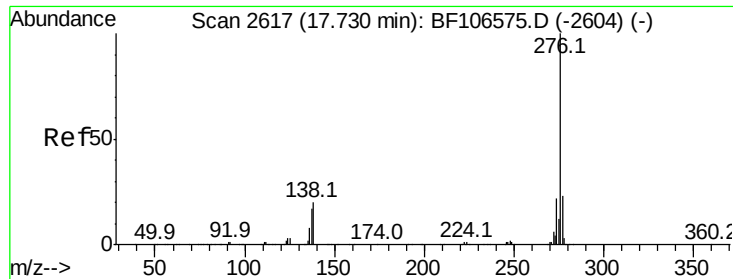
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#90
Dibenzo(a,h)anthracene
Concen: 57.792 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.05 min
Lab File: BF106928.D
Acq: 28 Jun 2018 18:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.8	15.9	23.9
279	22.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 63.758 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. -0.05 min
 Lab File: BF106928.D
 Acq: 28 Jun 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB110677BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	17.9	26.9
138	17.6	21.8	32.8

Manual Integrations
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 6/29/2018 2:30:40 PM

