

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106537.D
 Acq On : 18 Jun 2018 14:39
 Operator : JU/SJ
 Sample : PB110319BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Manual Integrations
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Sohil
 6/19/2018 5:59:43 PM

Quant Time: Jun 19 03:58:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120136	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	476050	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	234429	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	464507	20.00	ng	0.00
75) Chrysene-d12	14.16	240	351433	20.00	ng	0.00
86) Perylene-d12	15.70	264	266831	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	789786	111.27	ng	0.00
7) Phenol-d6	6.61	99	998565	111.35	ng	0.00
23) Nitrobenzene-d5	7.53	82	694096	85.77	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	321119	142.36	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1209881	95.10	ng	0.00
78) Terphenyl-d14	13.09	244	1359960	96.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	116593	31.739	ng	95
3) Pyridine	3.66	79	355843	34.760	ng	98
4) n-Nitrosodimethylamine	3.63	42	156558	33.383	ng	92
6) Aniline	6.63	93	248957	19.011	ng	# 31
8) 2-Chlorophenol	6.76	128	303113	39.710	ng	96
9) Benzaldehyde	6.52	77	187888	27.622	ng	98
10) Phenol	6.62	94	384024	39.226	ng	85
11) bis(2-Chloroethyl)ether	6.70	93	310169	37.009	ng	97
12) 1,3-Dichlorobenzene	6.91	146	344274	38.321	ng	98
13) 1,4-Dichlorobenzene	6.98	146	346395	37.996	ng	99
14) 1,2-Dichlorobenzene	7.14	146	323927	37.744	ng	99
15) Benzyl Alcohol	7.11	79	288113	37.515	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	477792	39.770	ng	83
17) 2-Methylphenol	7.22	107	266400	39.117	ng	# 92
18) Hexachloroethane	7.48	117	123109	37.898	ng	91
19) n-Nitroso-di-n-propylamine	7.37	70	217121	32.271	ng	96
20) 3+4-Methylphenols	7.38	107	320460	36.795	ng	# 74
22) Acetophenone	7.37	105	414629	34.561	ng	# 94
24) Nitrobenzene	7.55	77	351631	39.979	ng	95
25) Isophorone	7.78	82	652991	41.313	ng	97
26) 2-Nitrophenol	7.87	139	170607	49.974	ng	99
27) 2,4-Dimethylphenol	7.90	122	288046	43.048	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	409240	39.931	ng	98
29) 2,4-Dichlorophenol	8.11	162	282687	43.791	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	286188	39.539	ng	95
31) Naphthalene	8.27	128	873707	40.600	ng	99
32) Benzoic acid	8.02	122	142786	31.827	ng	89
33) 4-Chloroaniline	8.32	127	101429	10.636	ng	98
34) Hexachlorobutadiene	8.38	225	184099	39.590	ng	97
35) Caprolactam	8.70	113	90522m	41.457	ng	
36) 4-Chloro-3-methylphenol	8.81	107	295105	41.327	ng	97
37) 2-Methylnaphthalene	8.97	142	609790	41.603	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	304789	40.050	ng	98
40) Hexachlorocyclopentadiene	9.11	237	348978	83.114	ng	99

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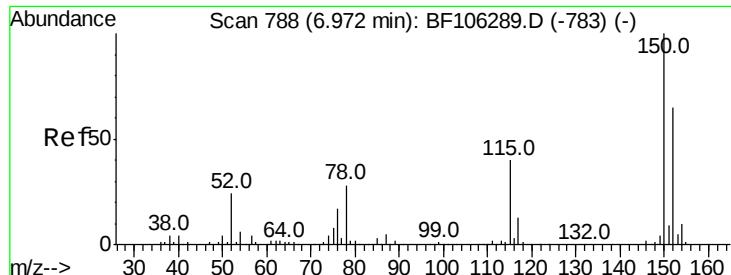
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	213941	44.113	nq	97
43) 2,4,5-Trichlorophenol	9.30	196	219539	41.991	nq #	94
45) 1,1'-Biphenyl	9.42	154	725760	39.970	nq	99
46) 2-Chloronaphthalene	9.45	162	577858	39.768	nq	98
47) 2-Nitroaniline	9.55	65	201837	44.154	nq	95
48) Acenaphthylene	9.87	152	925707	41.621	nq	98
49) Dimethylphthalate	9.72	163	696401	41.580	nq	98
50) 2,6-Dinitrotoluene	9.80	165	156464	45.734	nq	93
51) Acenaphthene	10.05	154	525435	36.581	nq	99
52) 3-Nitroaniline	9.96	138	71377	17.578	nq	93
53) 2,4-Dinitrophenol	10.07	184	126127	80.265	nq #	19
54) Dibenzofuran	10.22	168	794719	41.088	nq	98
55) 4-Nitrophenol	10.15	139	205134	65.909	nq	92
56) 2,4-Dinitrotoluene	10.20	165	211097	49.136	nq #	89
57) Fluorene	10.56	166	619714	40.439	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	185873	44.855	nq #	83
59) Diethylphthalate	10.42	149	672631	40.462	nq	96
60) 4-Chlorophenyl-phenylether	10.55	204	323465	40.131	nq	91
61) 4-Nitroaniline	10.58	138	159787	40.446	nq	99
62) Azobenzene	10.71	77	696806	40.198	nq	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	103564	42.205	nq	90
65) n-Nitrosodiphenylamine	10.67	169	593826	38.038	nq	95
66) 4-Bromophenyl-phenylether	11.04	248	226093	42.795	nq #	82
67) Hexachlorobenzene	11.11	284	233290	42.831	nq #	88
68) Atrazine	11.20	200	204082	42.420	nq	95
69) Pentachlorophenol	11.31	266	193077	57.577	nq	98
70) Phenanthrene	11.53	178	914846	40.215	nq	98
71) Anthracene	11.58	178	943713	41.409	nq	99
72) Carbazole	11.74	167	827184	39.315	nq	99
73) Di-n-butylphthalate	12.05	149	1009049	43.091	nq	99
74) Fluoranthene	12.72	202	1001328	41.274	nq	97
76) Benzidine	12.84	184	265704	22.717	nq	99
77) Pyrene	12.95	202	1002108	45.546	nq	99
79) Butylbenzylphthalate	13.56	149	430408	52.260	nq #	95
80) Benzo(a)anthracene	14.15	228	868304	41.519	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	128787	18.252	nq #	94
82) Chrysene	14.19	228	810159	42.430	nq	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	571395	48.388	nq	99
84) Di-n-octyl phthalate	14.75	149	809692	47.562	nq	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	724513	47.544	nq #	92
87) Benzo(b)fluoranthene	15.24	252	666015	41.291	nq	98
88) Benzo(k)fluoranthene	15.28	252	633768	39.674	nq #	96
89) Benzo(a)pyrene	15.64	252	619760	42.719	nq	98
90) Dibenzo(a,h)anthracene	17.29	278	593092	49.035	nq #	95
91) Benzo(g,h,i)perylene	17.76	276	626266	53.279	nq #	92

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



#1

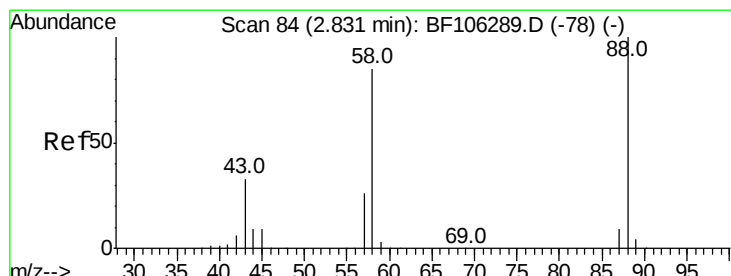
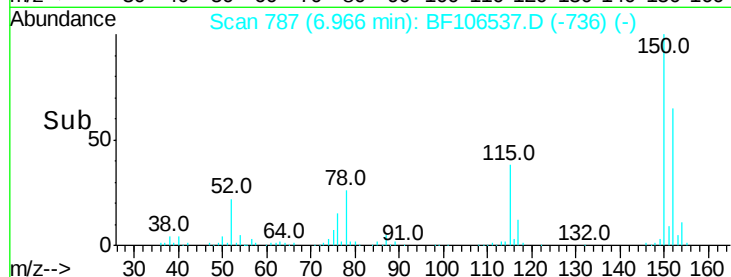
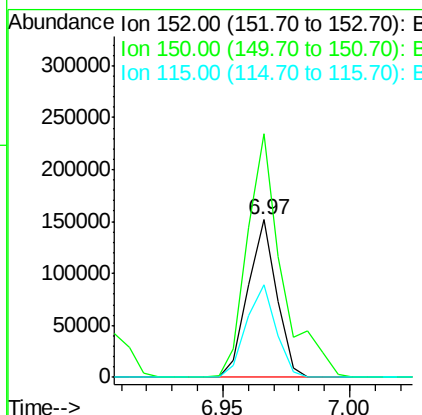
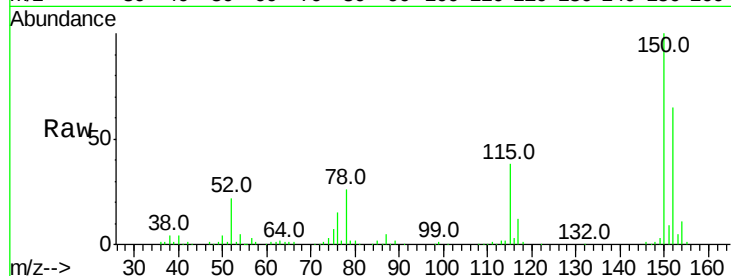
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	59.0	50.1	75.1

Manual Integrations
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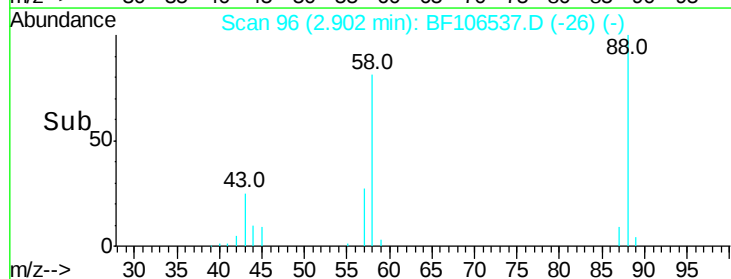
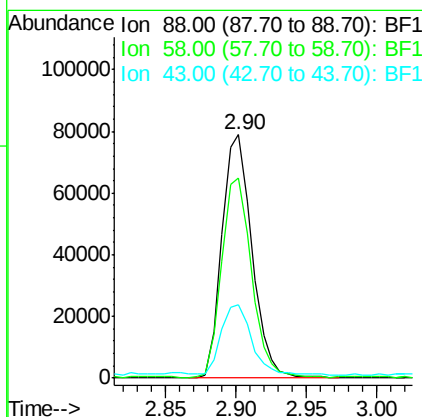
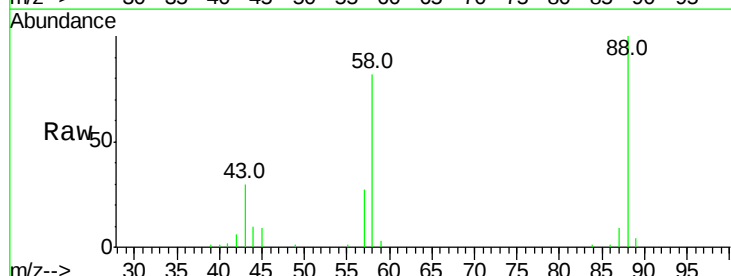
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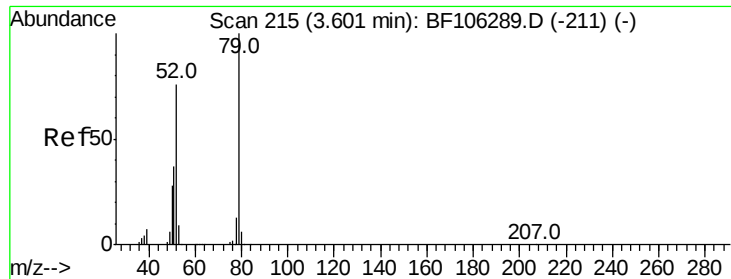


#2

1,4-Dioxane
Concen: 31.739 ng
RT: 2.90 min Scan# 96
Delta R.T. 0.11 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.8	62.6	93.8
43	28.4	24.6	37.0





#3

Pvridine

Concen: 34.760 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.09 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

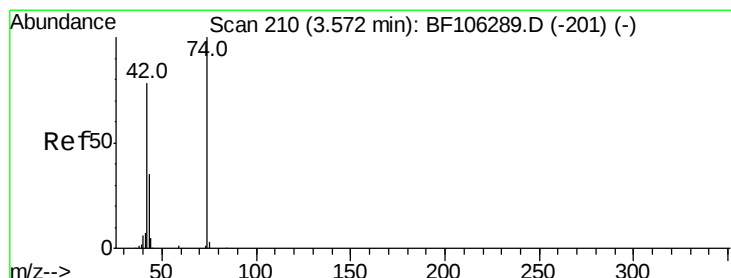
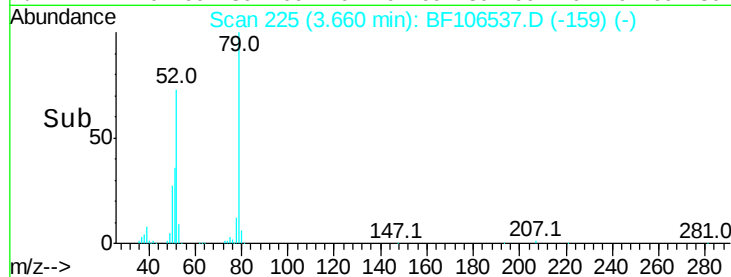
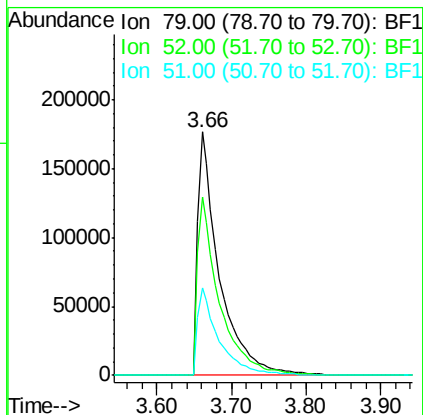
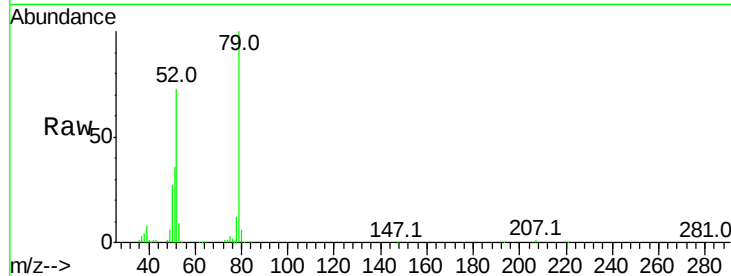
ClientSampleId :

PB110319BS

Tot Ion:	79	Resp:	355843
Ion Ratio	Lower	Upper	
79	100		
52	73.4	59.8	89.6
51	36.0	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 33.383 ng

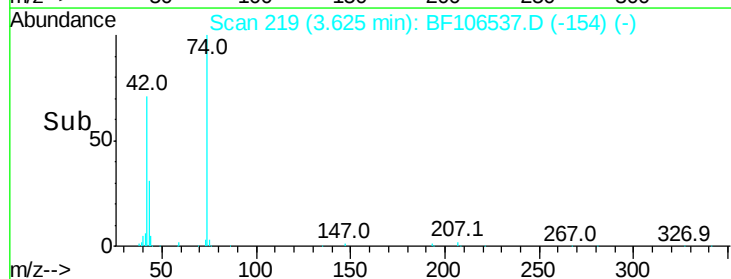
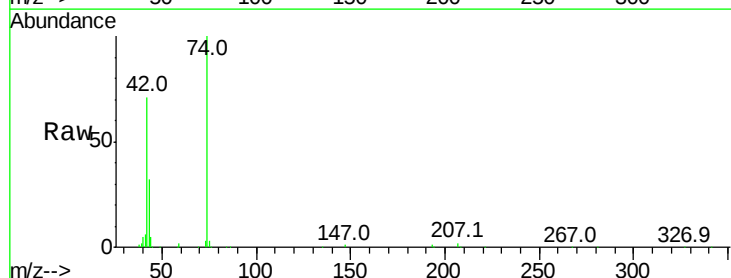
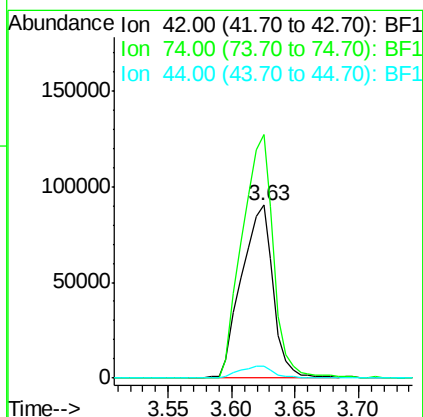
RT: 3.63 min Scan# 219

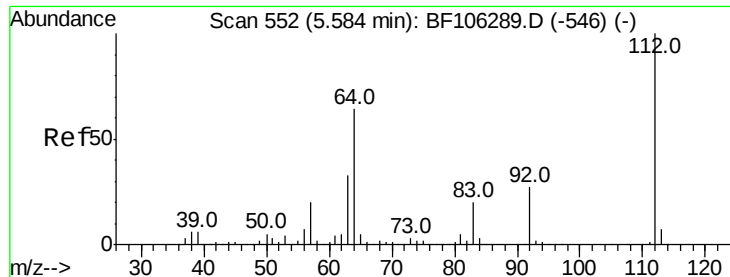
Delta R.T. 0.08 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion:	42	Resp:	156558
Ion Ratio	Lower	Upper	
42	100		
74	140.8	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 111.267 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

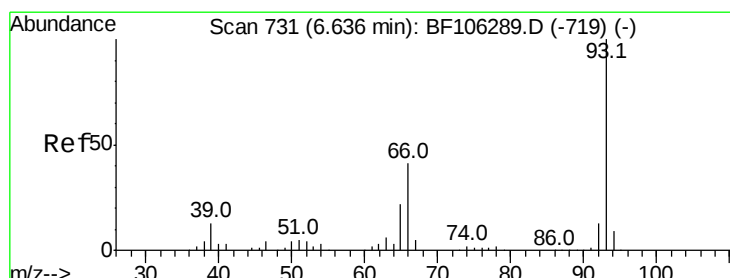
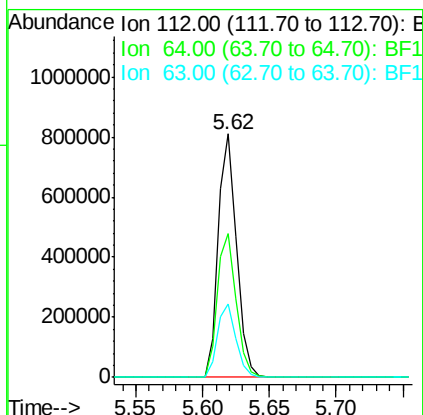
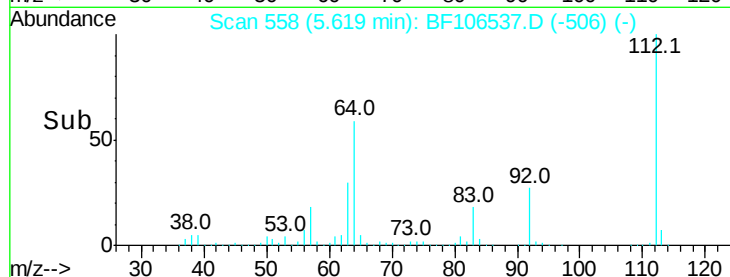
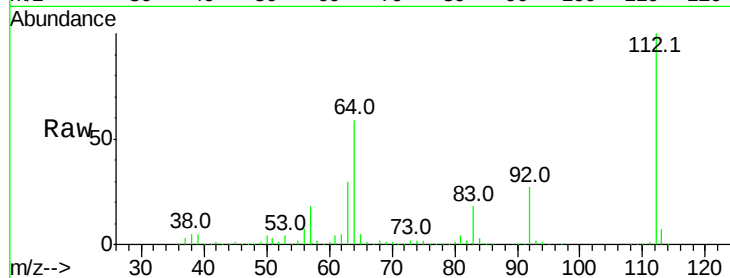
ClientSampleId :

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Tot Ion:	112	Resp:	789786
Ion Ratio	Lower	Upper	
112	100		
64	58.9	47.9	71.9
63	30.4	23.7	35.5

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#6

Aniline

Concen: 19.011 ng

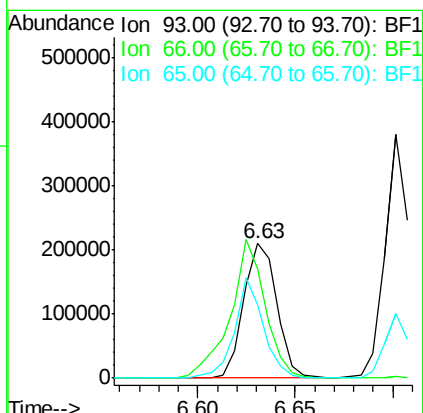
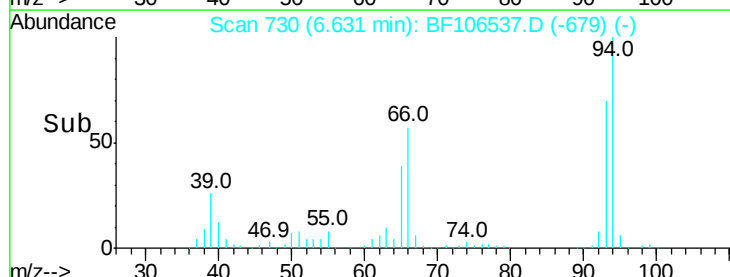
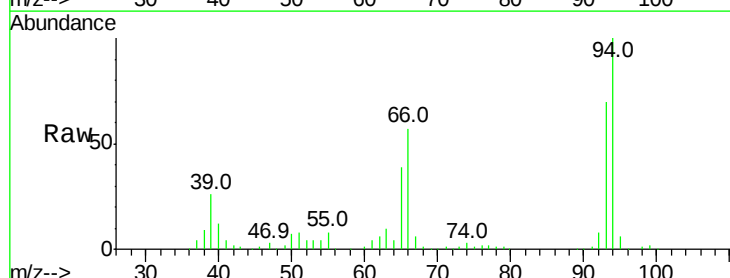
RT: 6.63 min Scan# 730

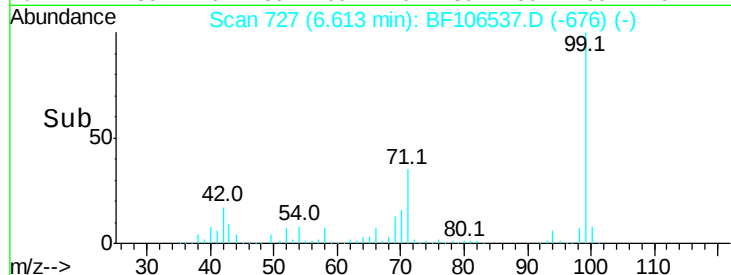
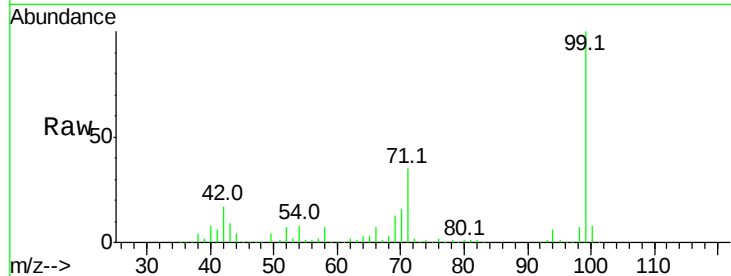
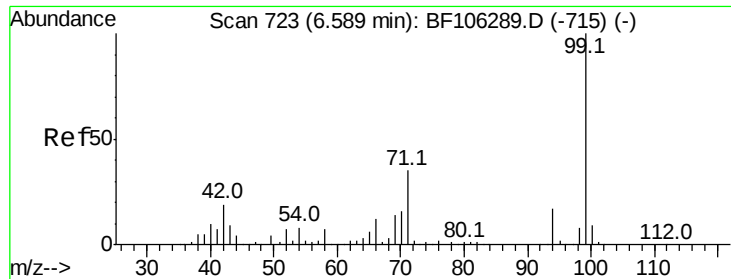
Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion:	93	Resp:	248957
Ion Ratio	Lower	Upper	
93	100		
66	81.4	32.2	48.2#
65	54.7	16.4	24.6#





#7

Phenol-d6

Concen: 111.349 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tot Ion	Ratio	Resp	Lower	Upper
99	100	998565		
42	17.1	14.5	21.7	
71	34.8	25.4	38.0	

Instrument :

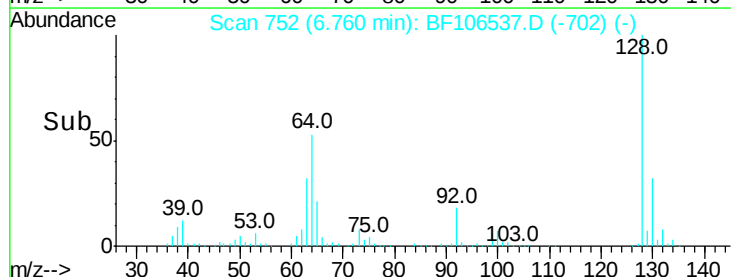
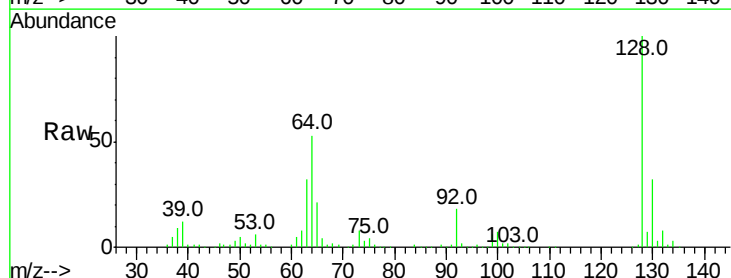
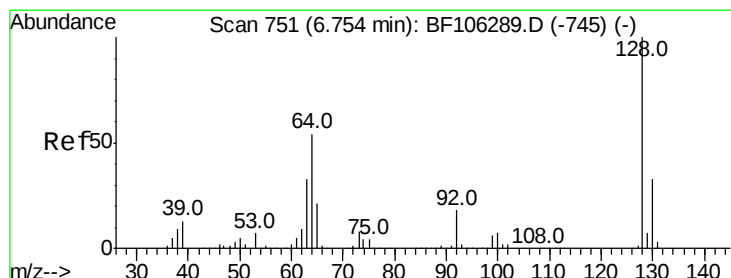
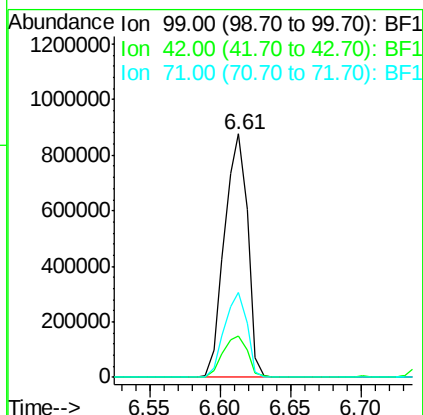
BNA_F

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#8

2-Chlorophenol

Concen: 39.710 ng

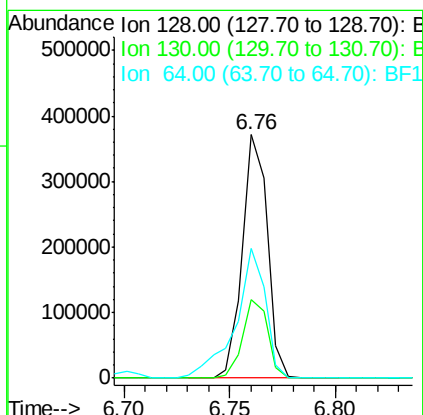
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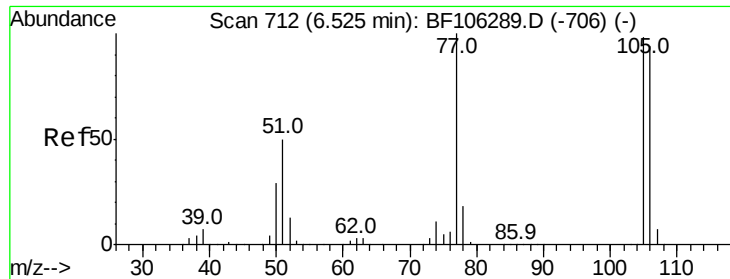
Delta R.T. -0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	303113		
130	32.0	13.0	53.0	
64	53.3	29.4	69.4	





#9

Benzaldehyde

Concen: 27.622 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

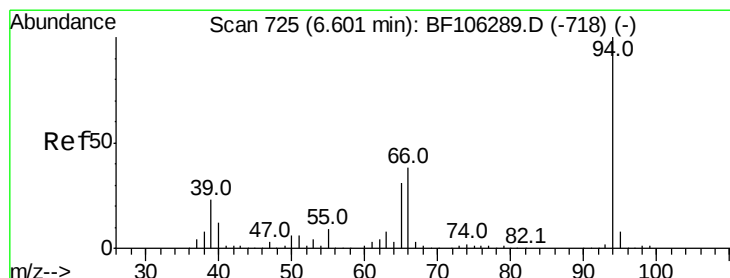
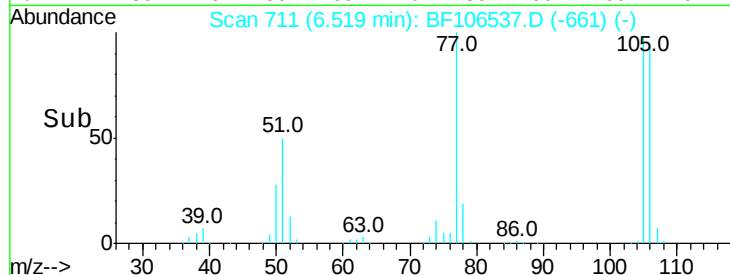
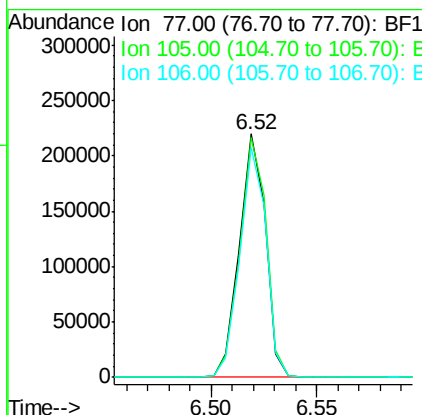
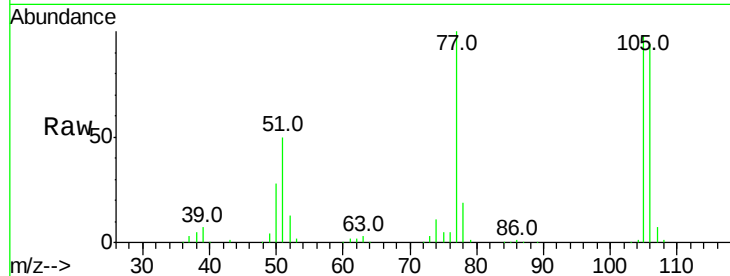
ClientSampleId :

PB110319BS

Tot Ion:	77	Resp:	187888
Ion Ratio	Lower	Upper	
77	100		
105	98.3	81.1	121.1
106	94.3	74.5	114.5

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#10

Phenol

Concen: 39.226 ng

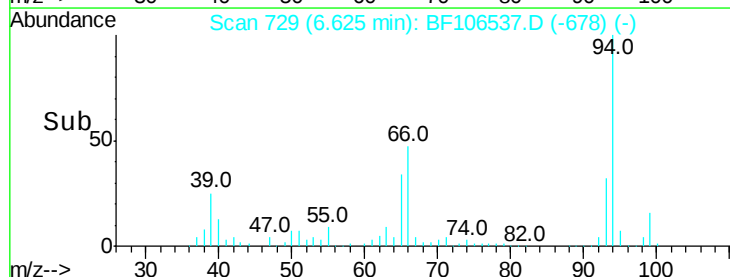
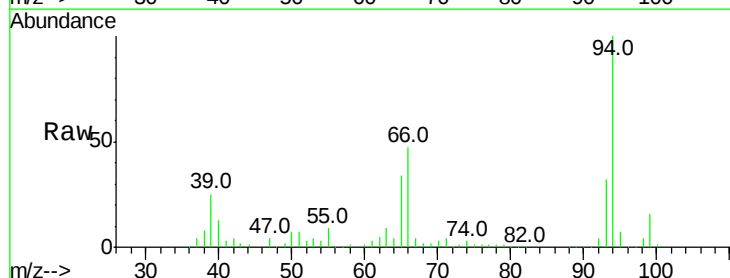
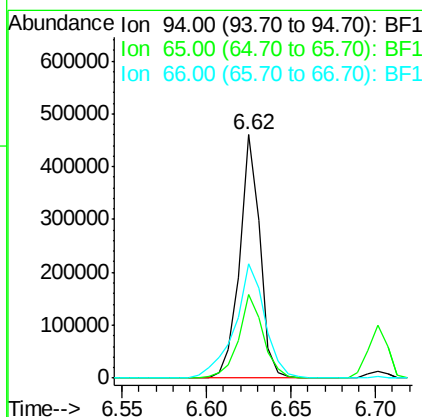
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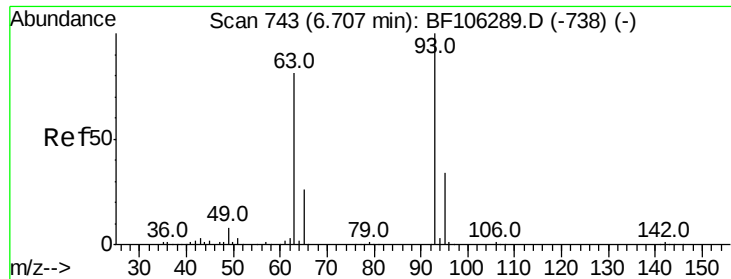
Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion:	94	Resp:	384024
Ion Ratio	Lower	Upper	
94	100		
65	34.2	7.9	47.9
66	46.8	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.009 ng

RT: 6.70 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

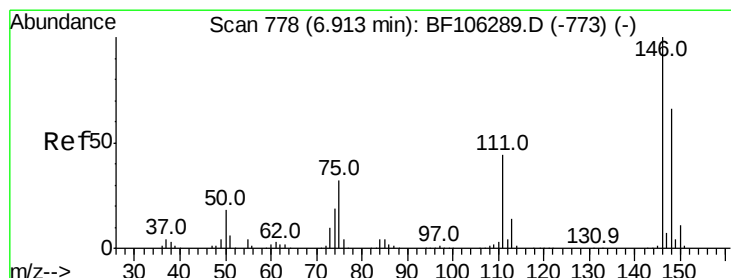
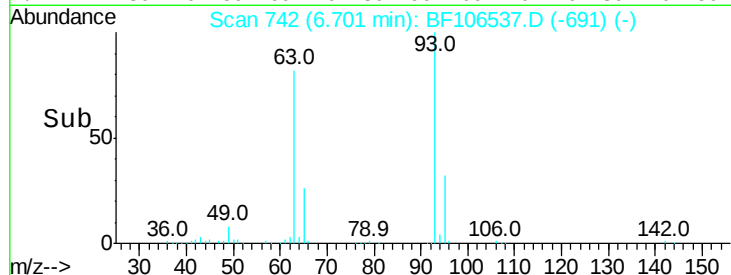
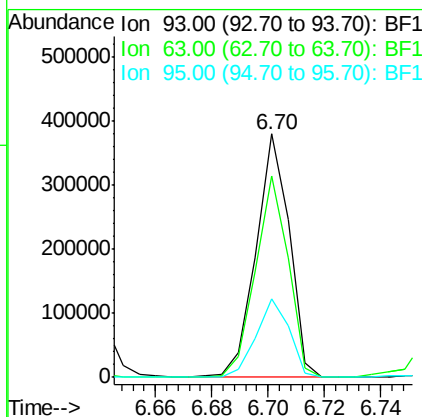
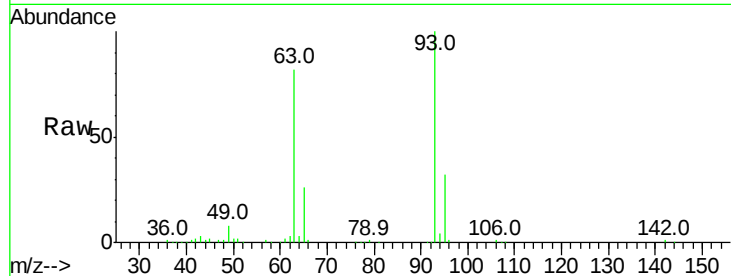
ClientSampleId :

PB110319BS

Tot Ion:	93	Resp:	310169
Ion Ratio	Lower	Upper	
93	100		
63	82.5	58.6	98.6
95	32.5	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 38.321 ng

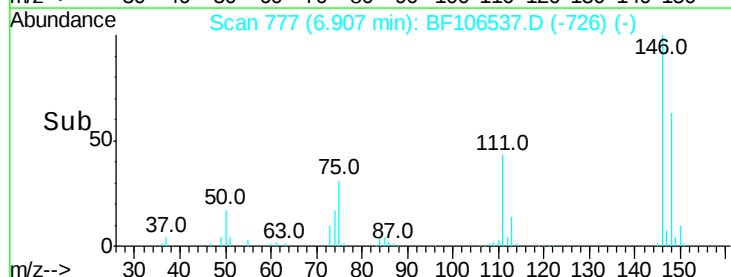
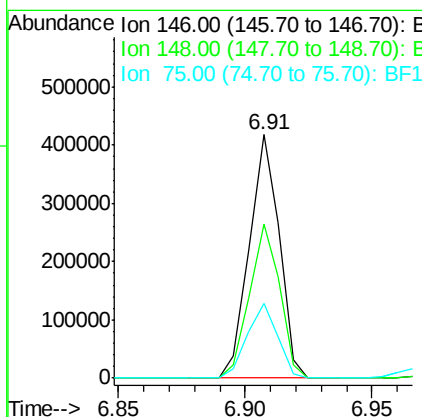
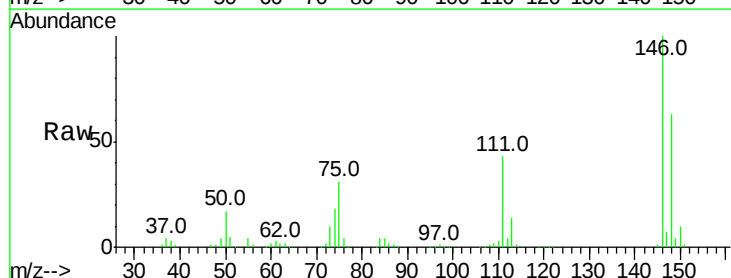
RT: 6.91 min Scan# 777

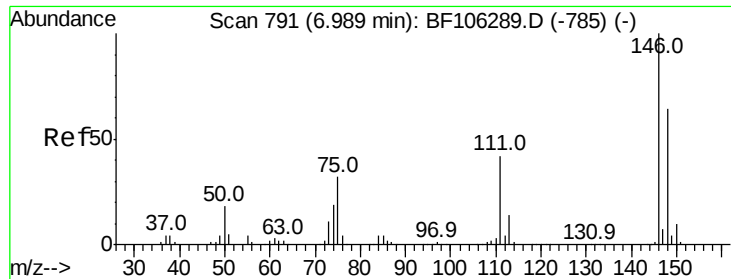
Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion:	146	Resp:	344274
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.8	77.8
75	30.7	24.2	36.4





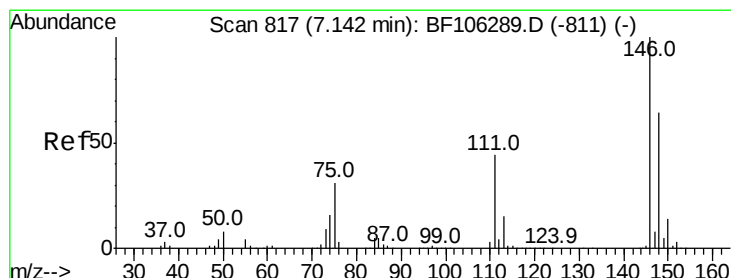
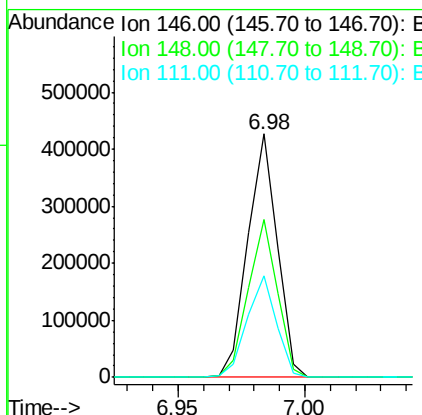
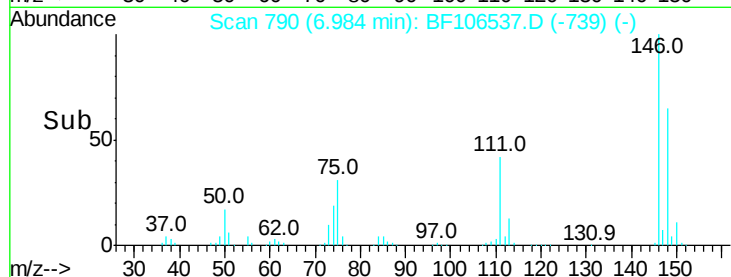
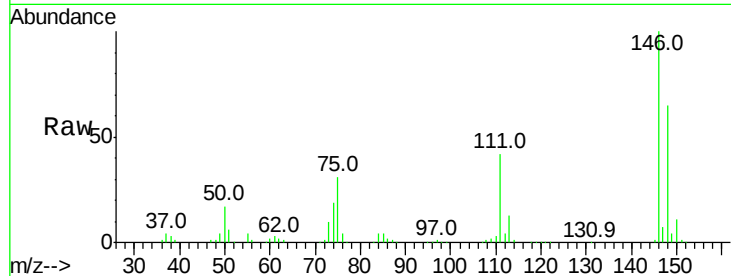
#13
 1,4-Dichlorobenzene
 Concen: 37.996 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	41.8	34.2	51.2

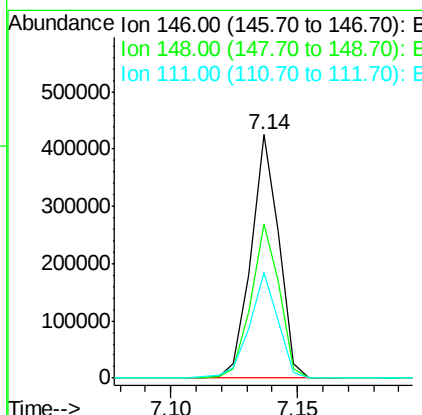
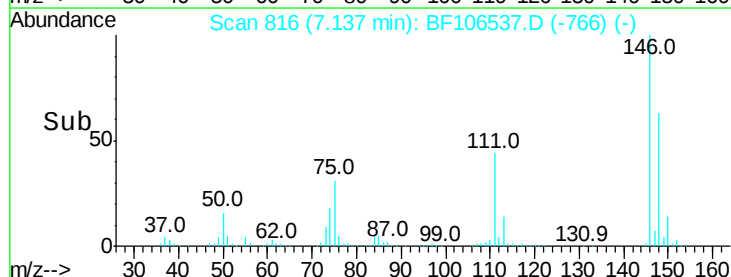
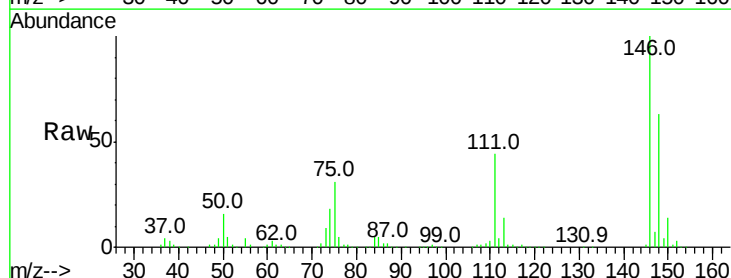
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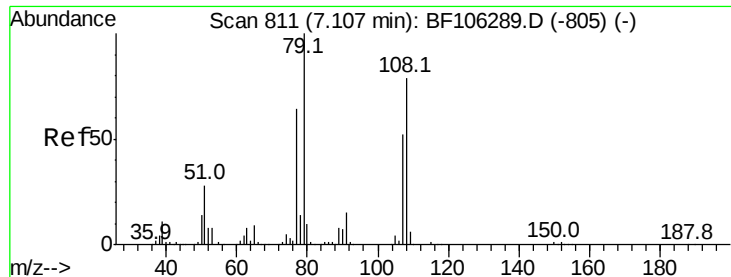
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#14
 1,2-Dichlorobenzene
 Concen: 37.744 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	43.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.515 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

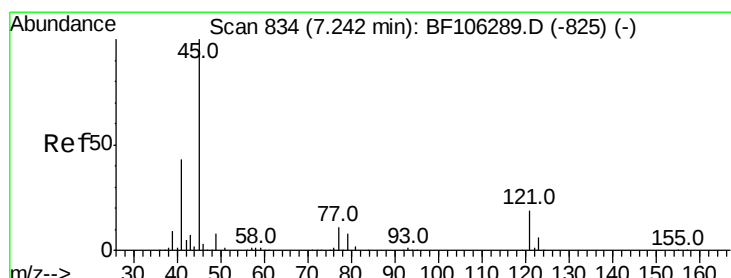
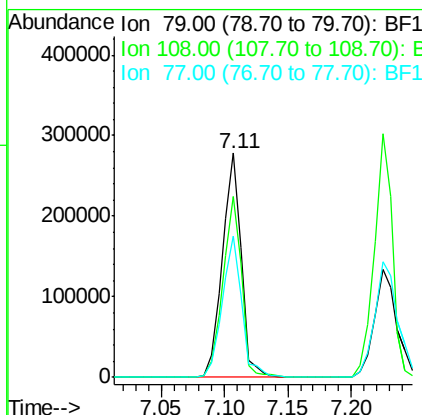
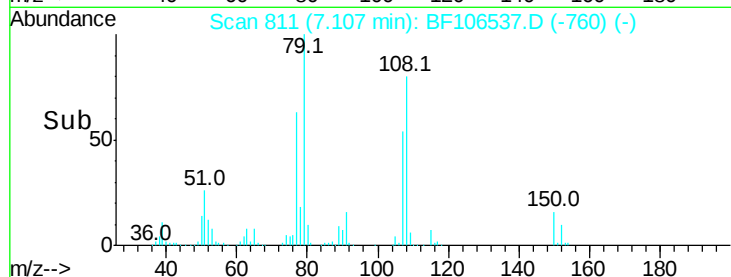
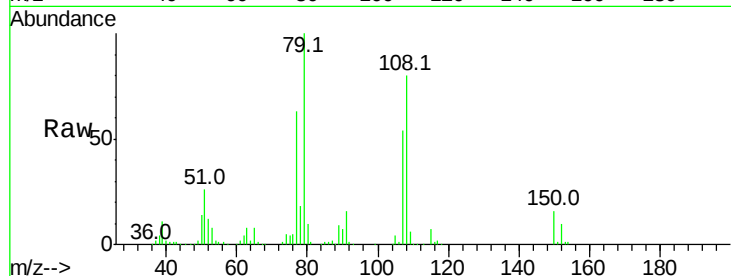
ClientSampleId :

PB110319BS

Tot Ion:	79	Resp:	288113
Ion Ratio	Lower	Upper	
79	100		
108	80.5	65.1	97.7
77	62.9	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.770 ng

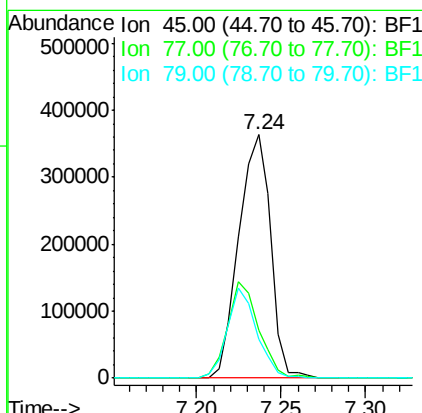
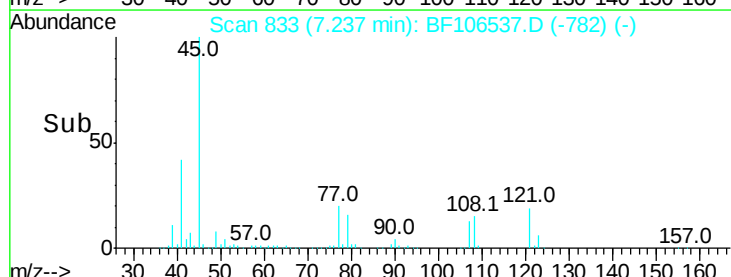
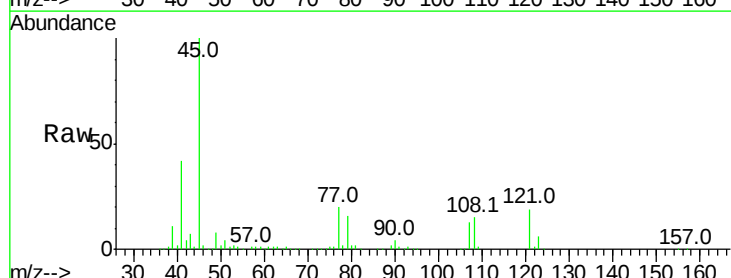
RT: 7.24 min Scan# 833

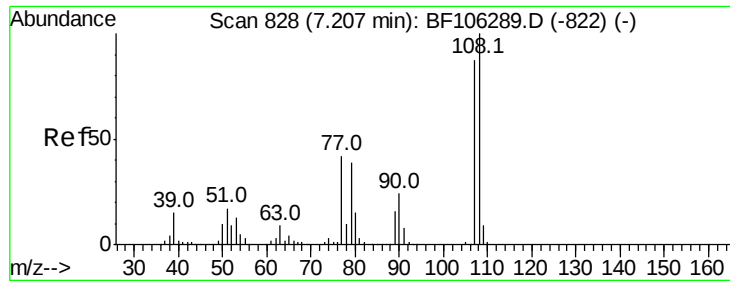
Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion:	45	Resp:	477792
Ion Ratio	Lower	Upper	
45	100		
77	19.6	0.0	32.9
79	16.2	0.0	29.6





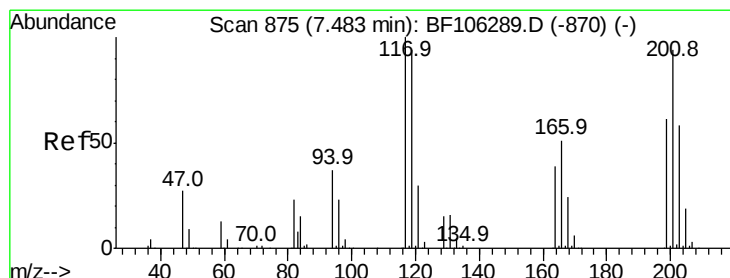
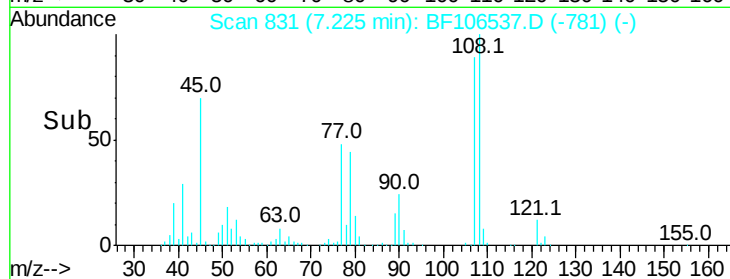
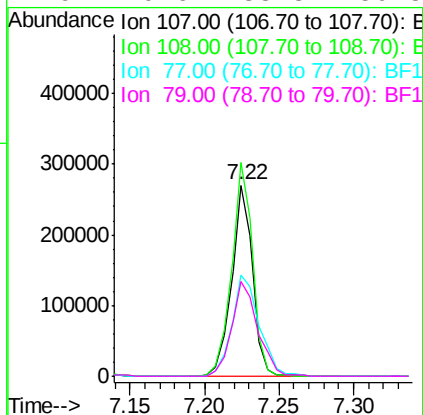
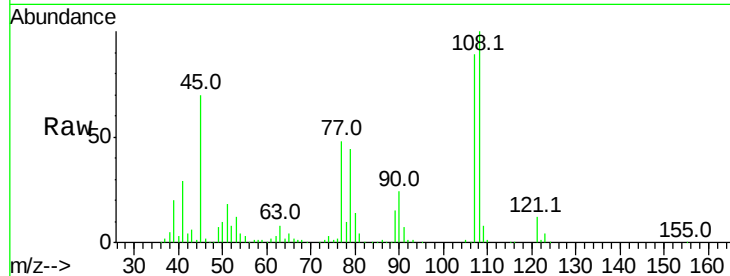
#17
2-Methylphenol
Concen: 39.117 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	91.7	137.5	
77	53.3	33.8	50.8	
79	49.6	33.8	50.8	

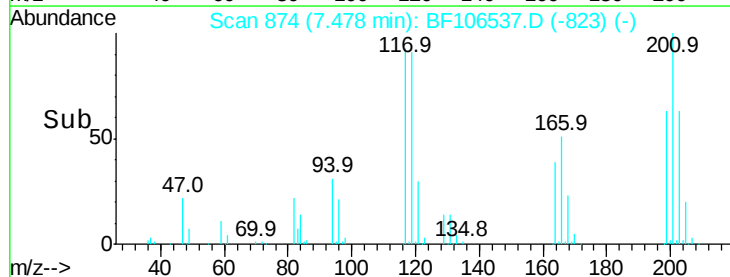
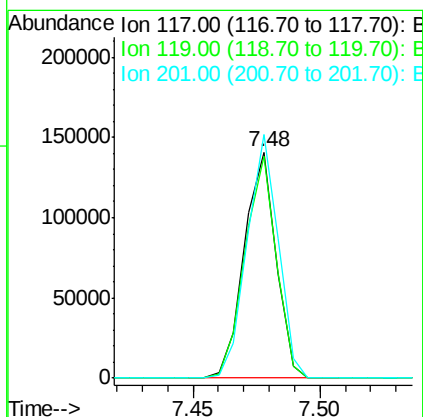
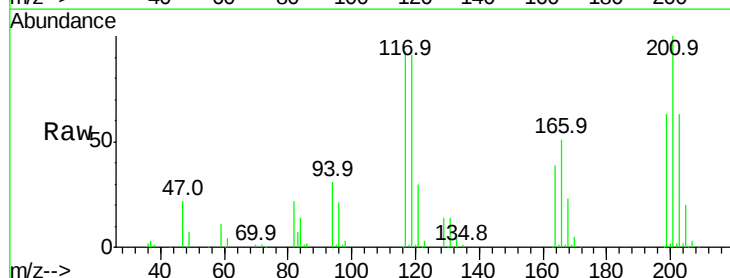
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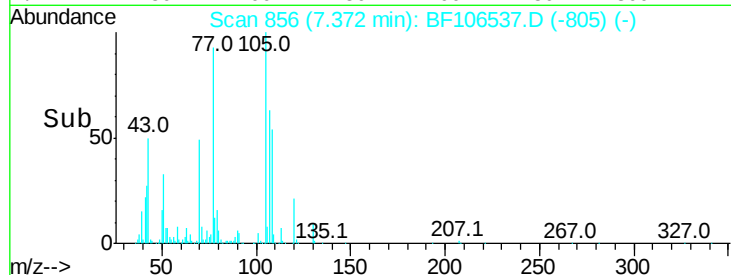
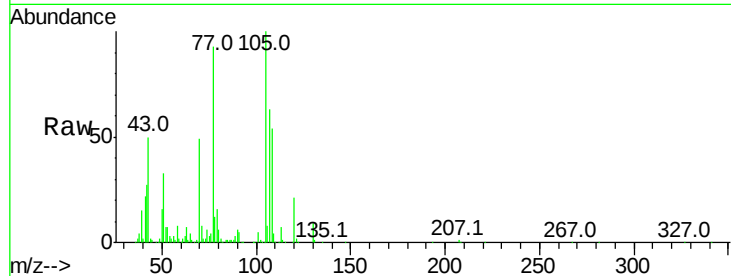
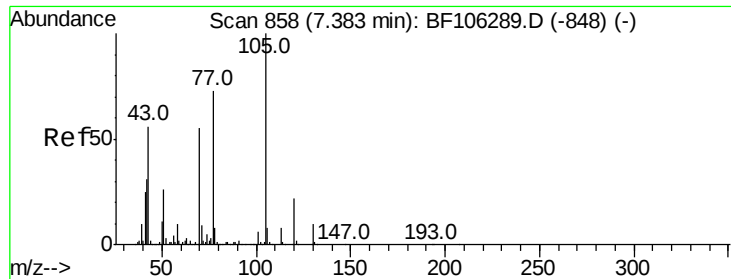
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#18
Hexachloroethane
Concen: 37.898 ng
RT: 7.48 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	75.8	113.8	
201	107.7	75.7	113.5	





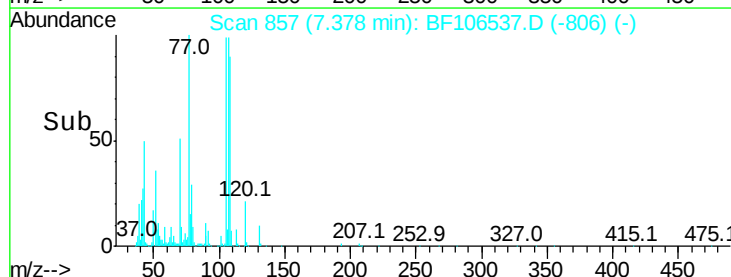
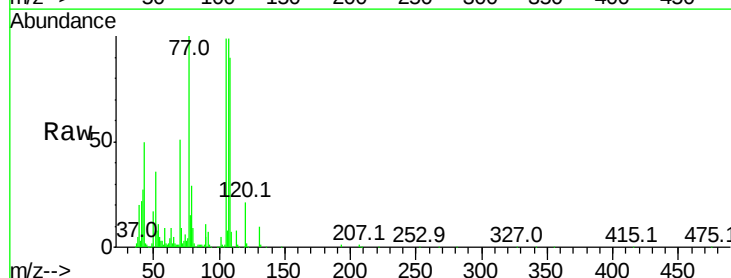
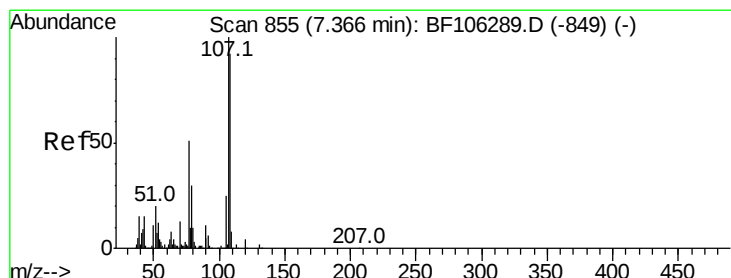
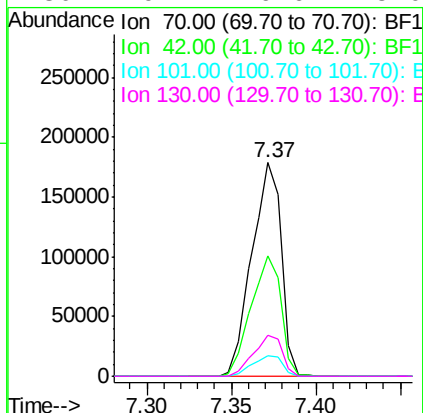
#19
n-Nitroso-di-n-propylamine
Concen: 32.271 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

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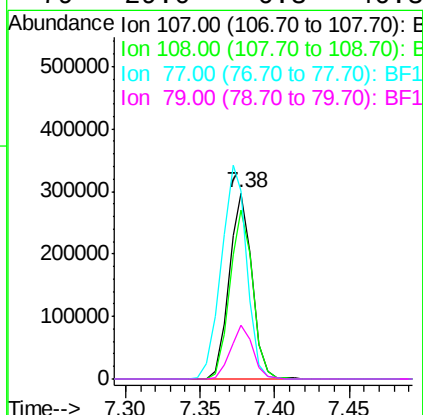
Sohil
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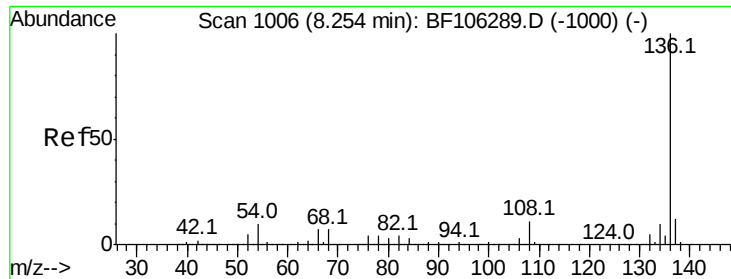
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.3	47.5	71.3	
101	9.9	7.4	11.2	
130	19.4	16.6	25.0	



#20
3+4-Methylphenols
Concen: 36.795 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	68.2	108.2	
77	101.0	26.7	66.7#	
79	29.0	6.3	46.3	





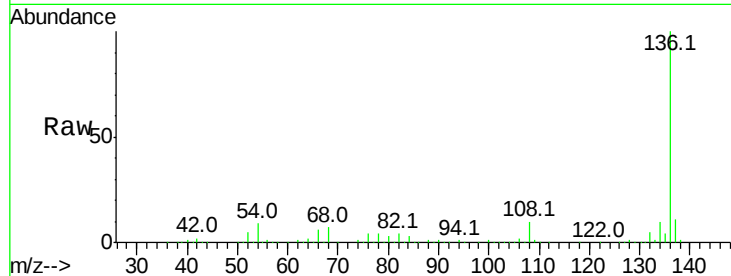
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

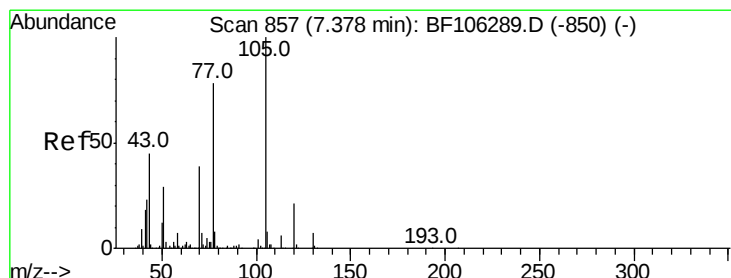
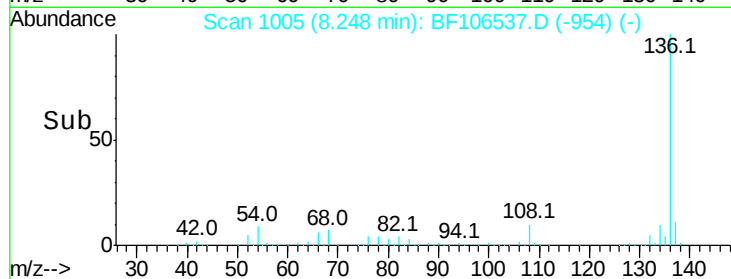
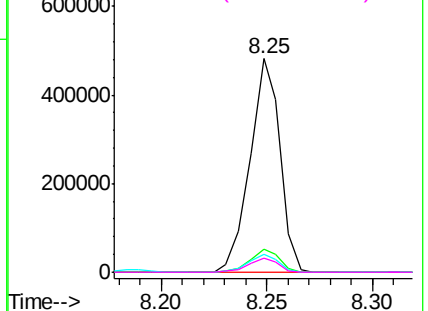
Tot Ion	Ratio	Resp	Lower	Upper
136	100	476050		
137	11.0		8.9	13.3
54	8.7		6.6	9.8
68	6.8		5.0	7.4

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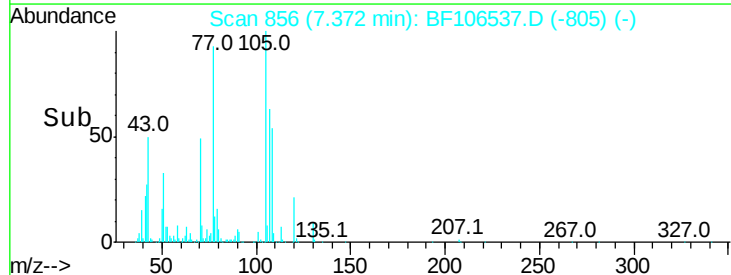
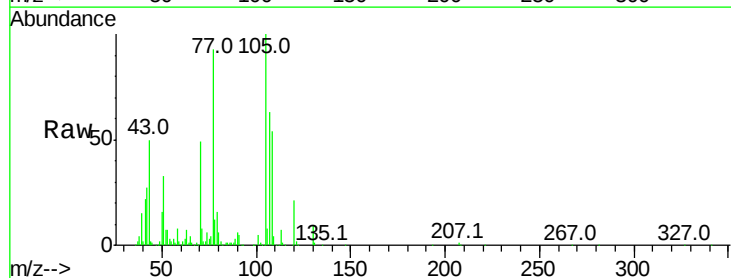
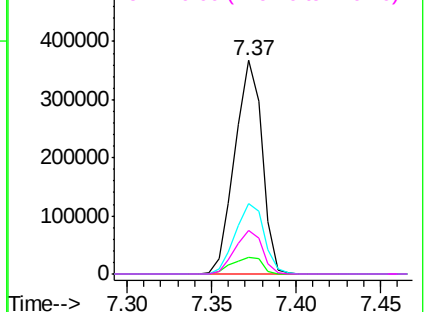
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

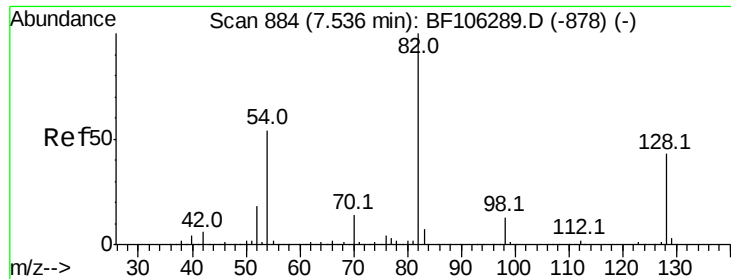


#22
Acetophenone
Concen: 34.561 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	414629		
71	8.0		4.4	6.6#
51	33.2		22.3	33.5
120	20.5		16.9	25.3

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





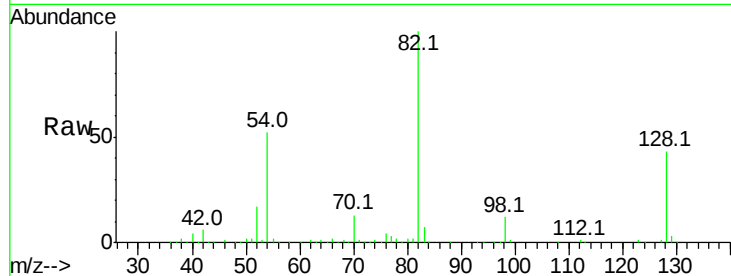
#23
 Nitrobenzene-d5
 Concen: 85.774 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

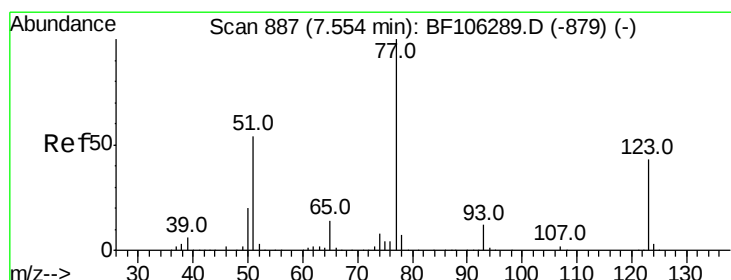
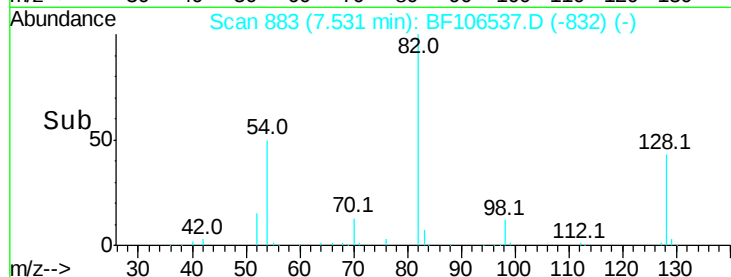
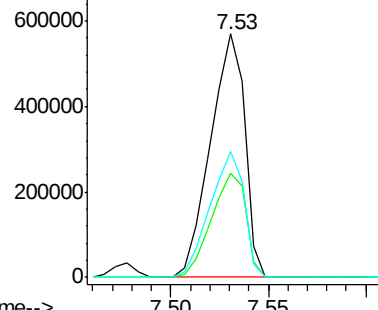
Tot Ion	Ratio	Resp	Lower	Upper
82	100	694096		
128	42.9	36.1	54.1	
54	51.7	41.4	62.2	

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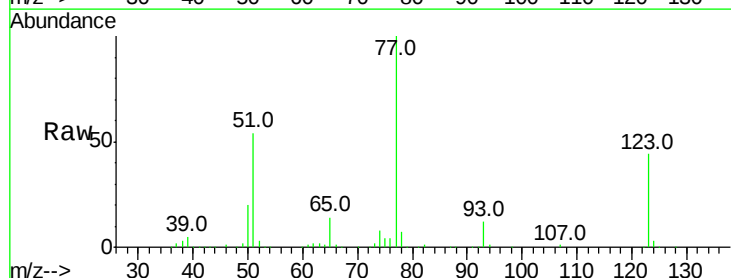


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

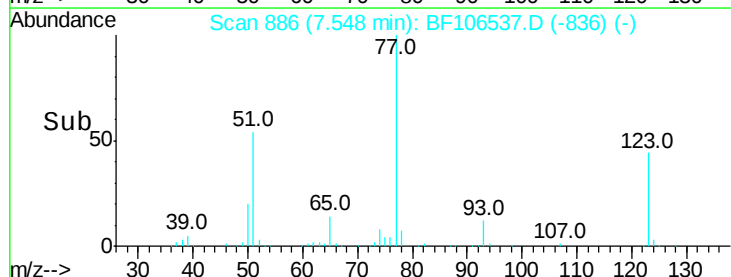
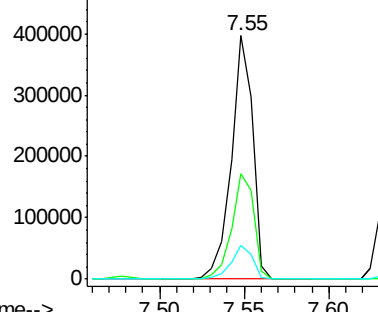


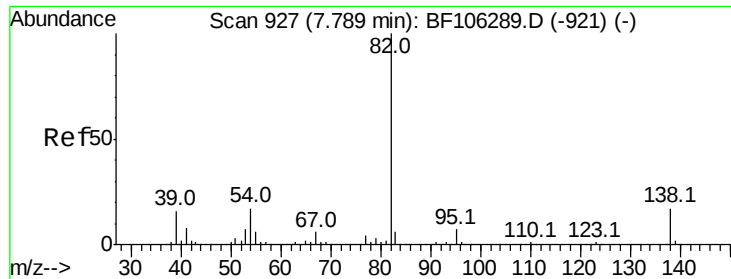
#24
 Nitrobenzene
 Concen: 39.979 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	351631		
123	43.5	37.9	56.9	
65	13.9	11.0	16.4	



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.313 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

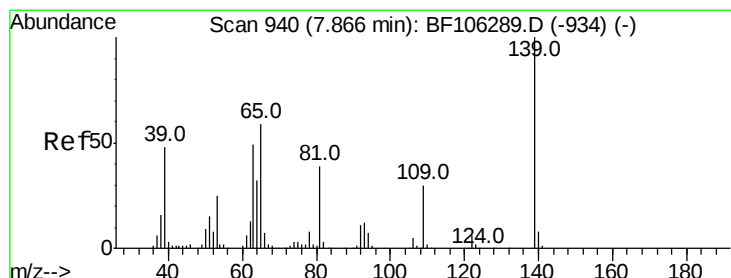
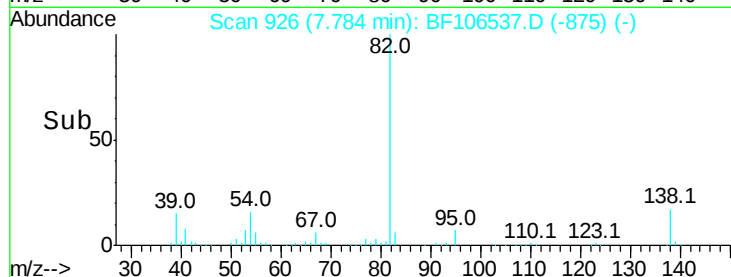
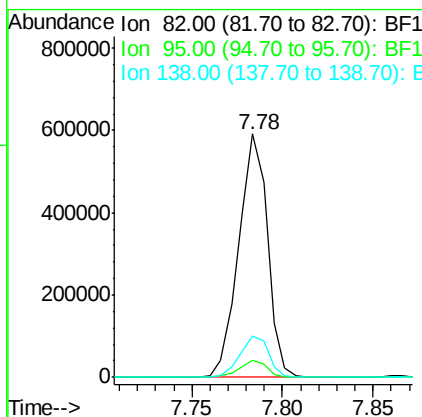
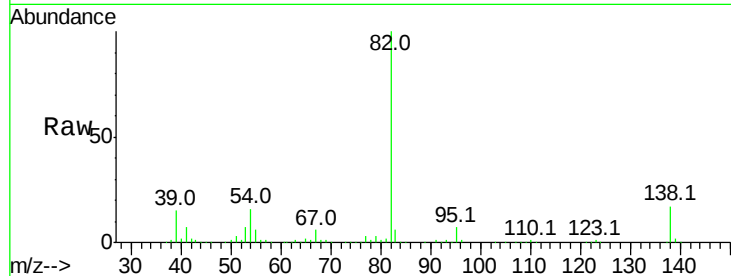
ClientSampleId :

PB110319BS

Tot Ion:	82	Resp:	652991
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	17.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.974 ng

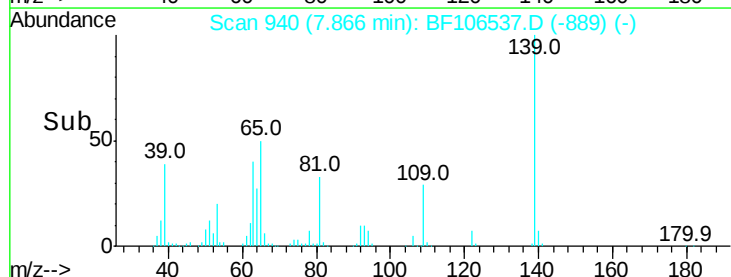
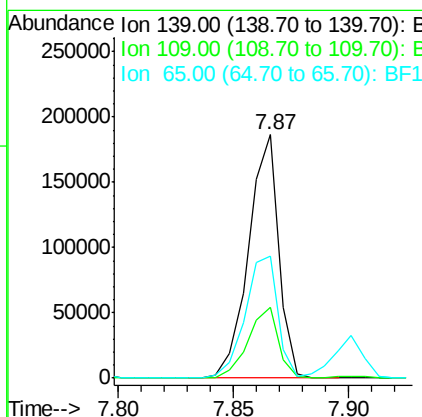
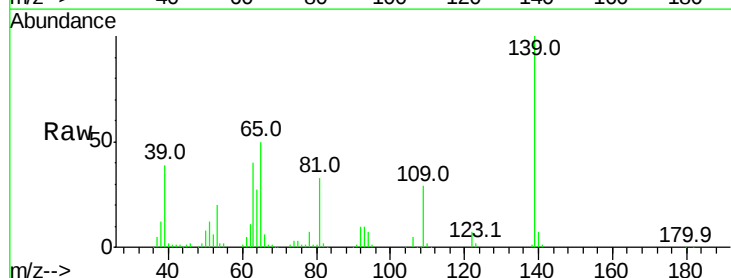
RT: 7.87 min Scan# 940

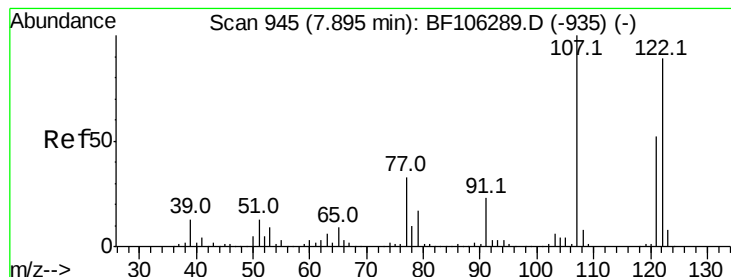
Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion:	139	Resp:	170607
Ion Ratio	Lower	Upper	
139	100		
109	28.8	22.7	34.1
65	50.0	40.5	60.7





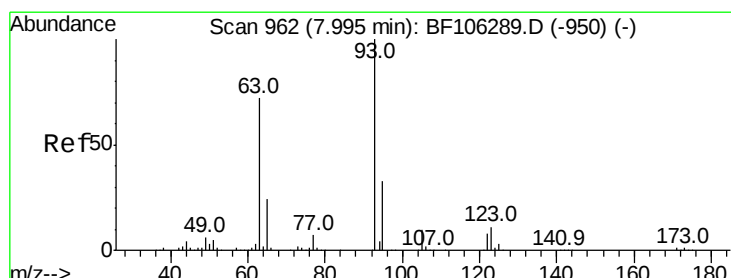
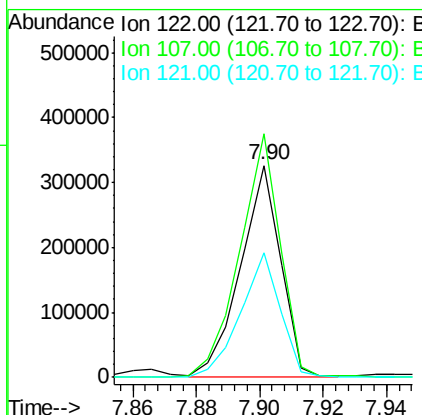
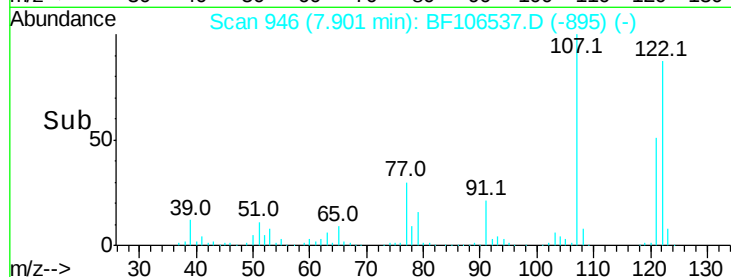
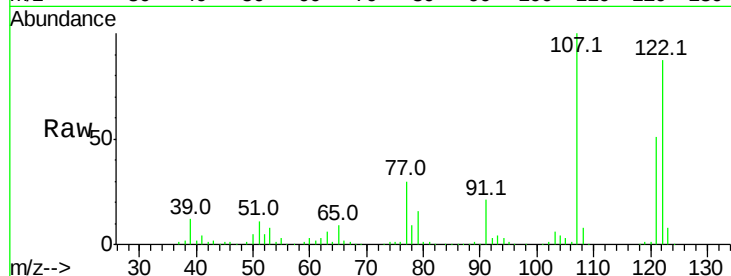
#27
 2,4-Dimethylphenol
 Concen: 43.048 ng
 RT: 7.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.8	91.2	136.8
121	58.8	47.2	70.8

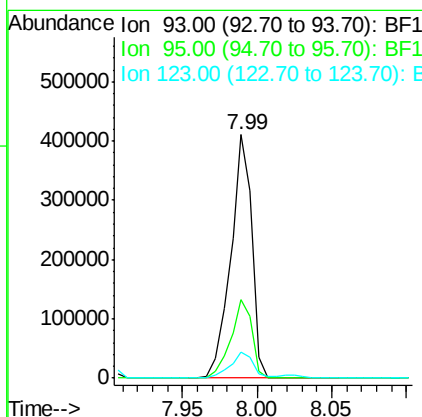
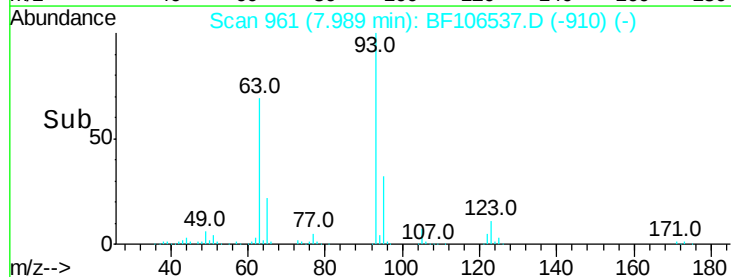
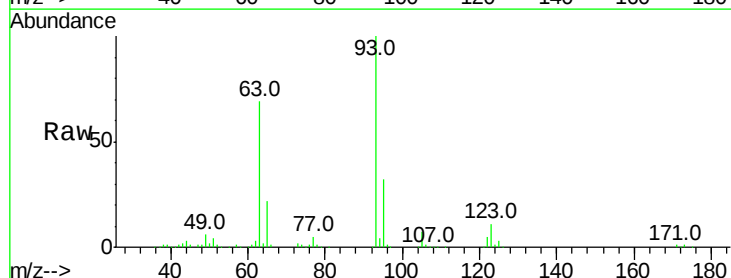
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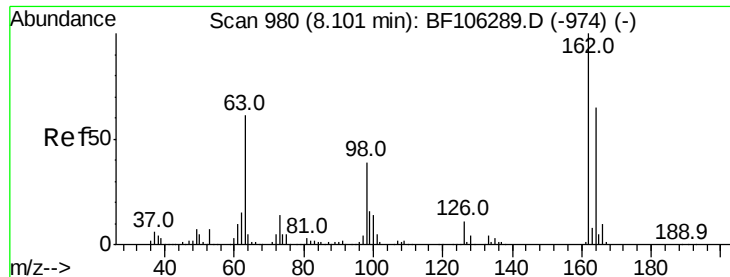
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.931 ng
 RT: 7.99 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	10.7	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 43.791 ng

RT: 8.11 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

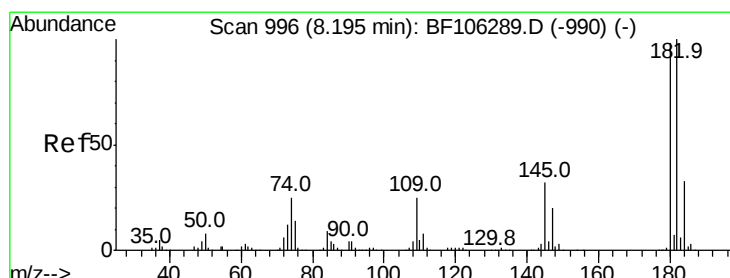
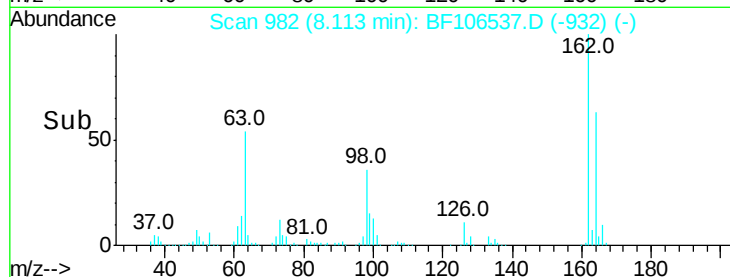
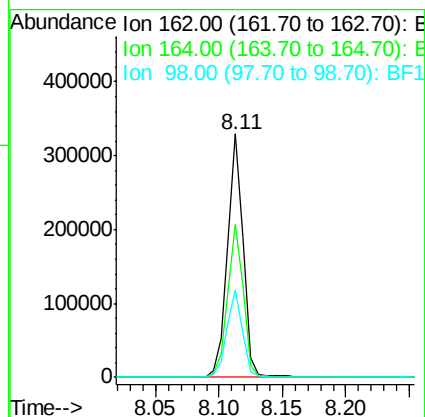
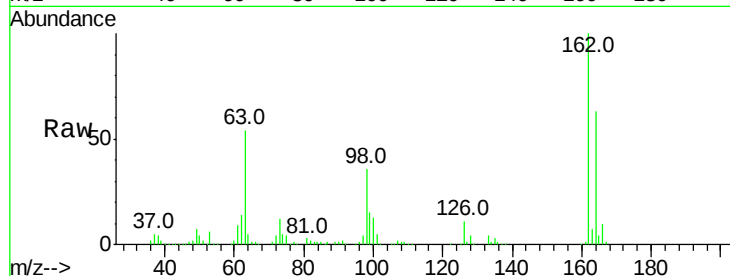
ClientSampleId :

PB110319BS

Tot Ion:	162	Resp:	282687
Ion Ratio	Lower	Upper	
162	100		
164	62.9	42.7	82.7
98	36.1	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 39.539 ng

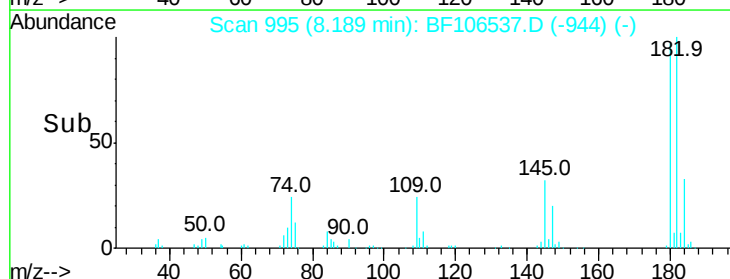
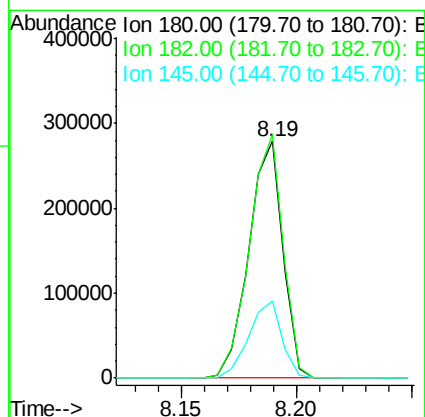
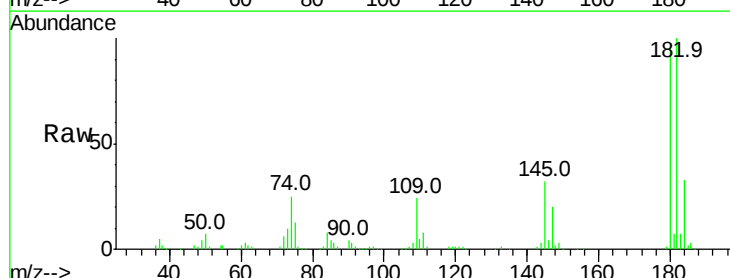
RT: 8.19 min Scan# 995

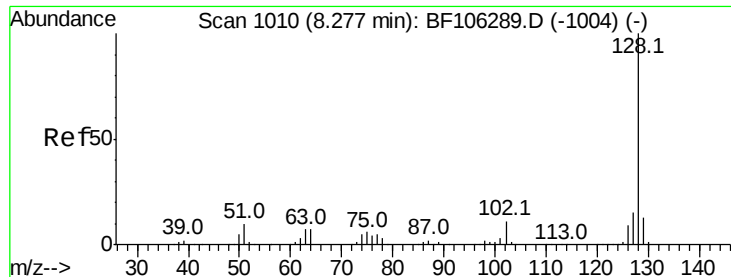
Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion:	180	Resp:	286188
Ion Ratio	Lower	Upper	
180	100		
182	102.7	76.8	115.2
145	32.4	26.5	39.7





#31

Naphthalene

Concen: 40.600 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

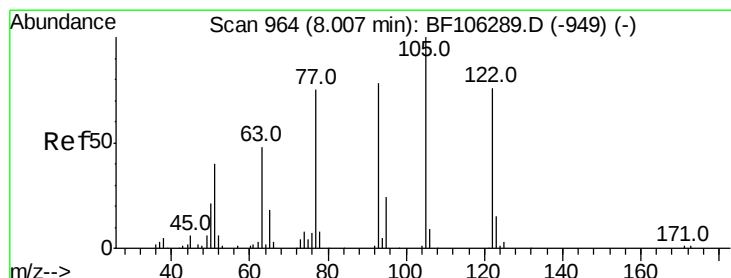
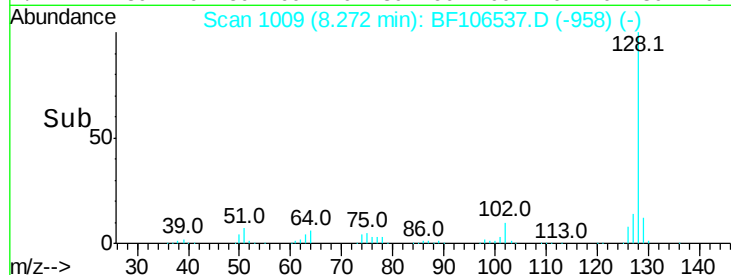
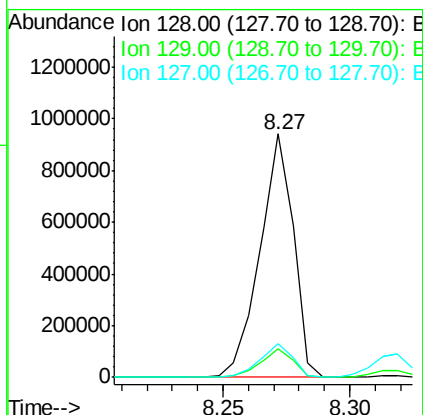
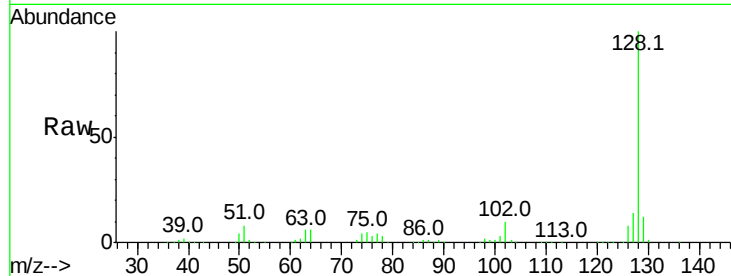
ClientSampleId :

PB110319BS

Tot Ion:	128	Resp:	873707
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.8	13.2
127	13.8	10.9	16.3

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#32

Benzoic acid

Concen: 31.827 ng

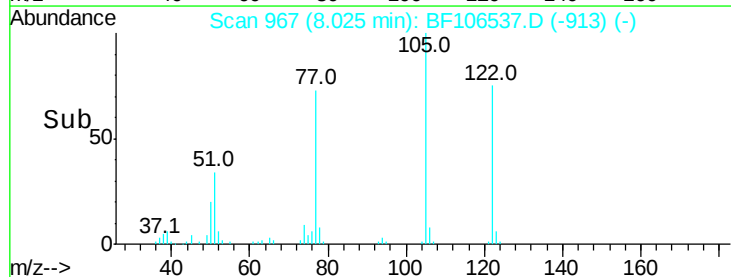
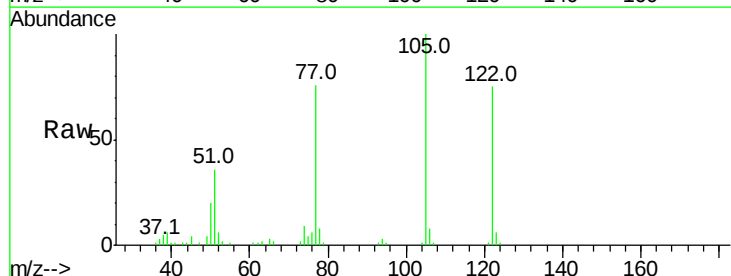
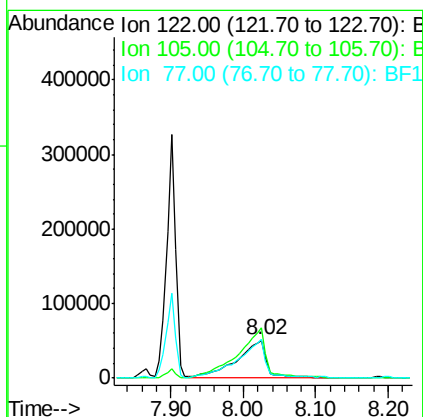
RT: 8.02 min Scan# 967

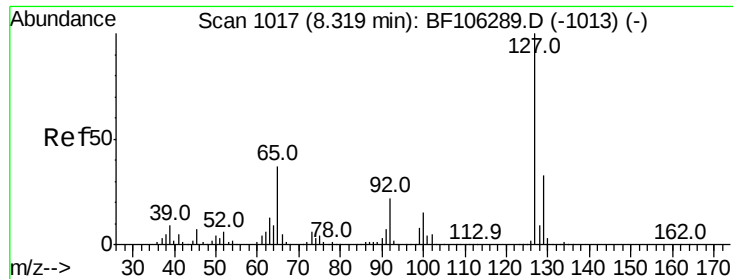
Delta R.T. 0.02 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion:	122	Resp:	142786
Ion Ratio	Lower	Upper	
122	100		
105	133.0	101.1	141.1
77	101.7	70.7	110.7





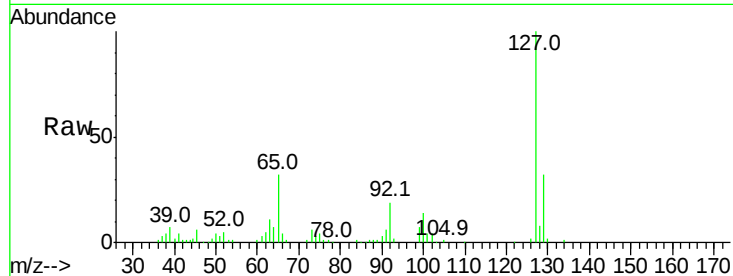
#33
4-Chloroaniline
Concen: 10.636 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

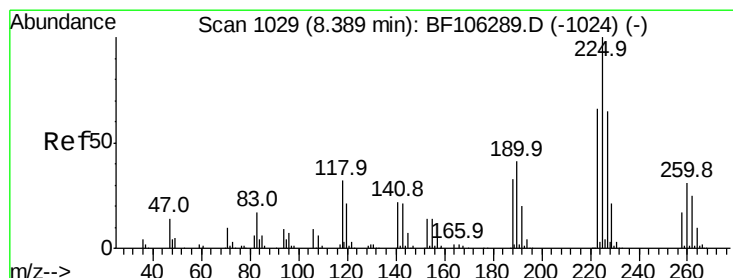
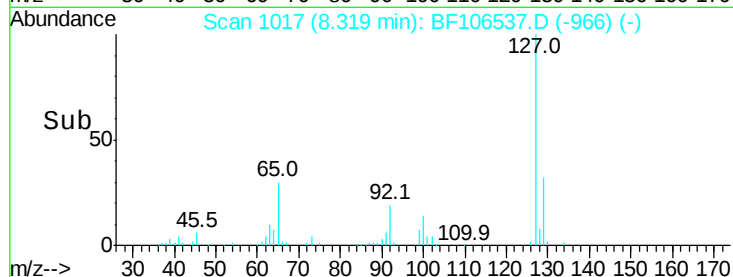
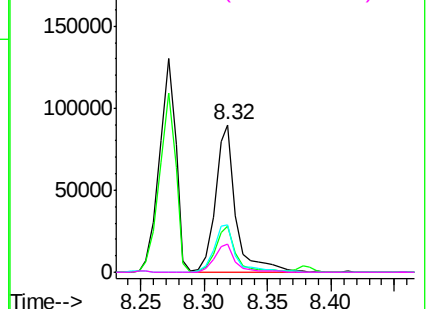
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	25.9	38.9	
65	32.3	25.0	37.4	
92	19.4	15.2	22.8	

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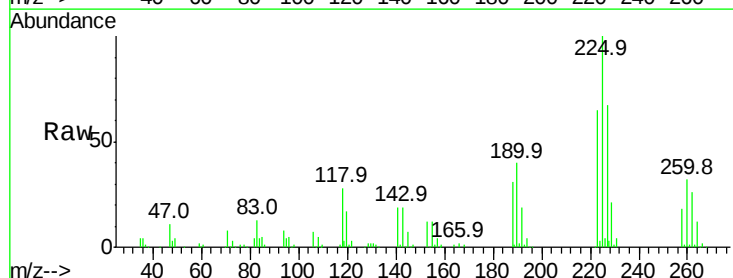


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

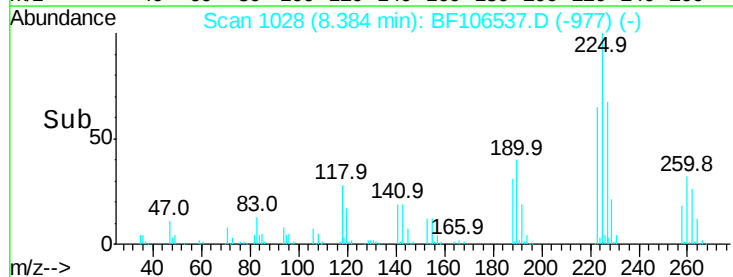
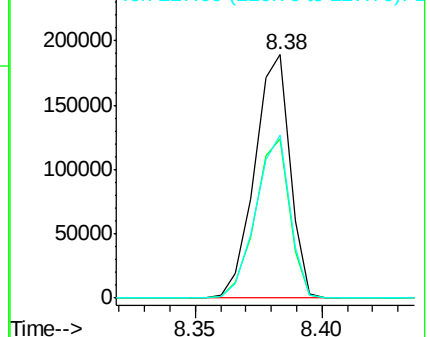


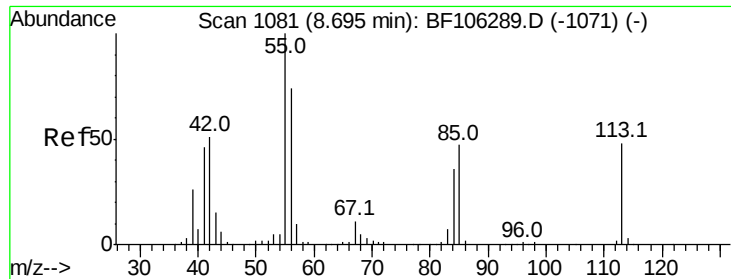
#34
Hexachlorobutadiene
Concen: 39.590 ng
RT: 8.38 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.5	50.6	76.0	
227	67.1	51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





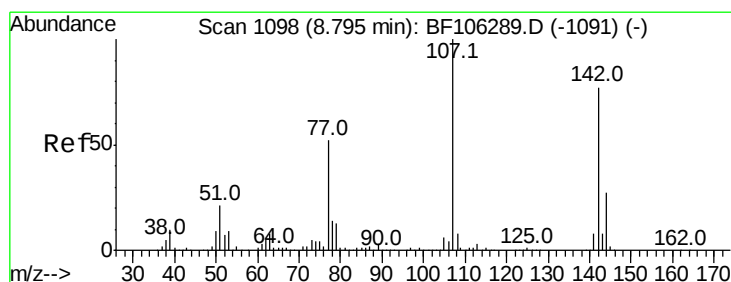
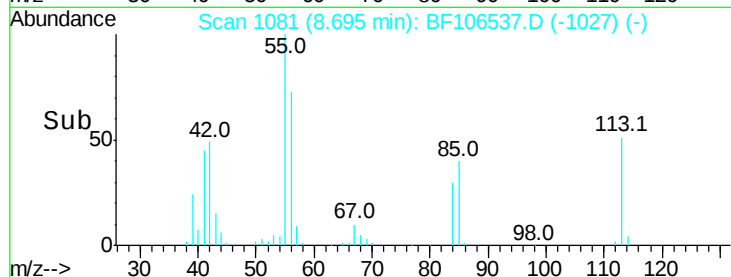
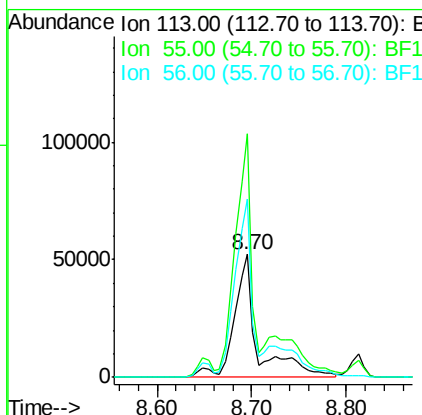
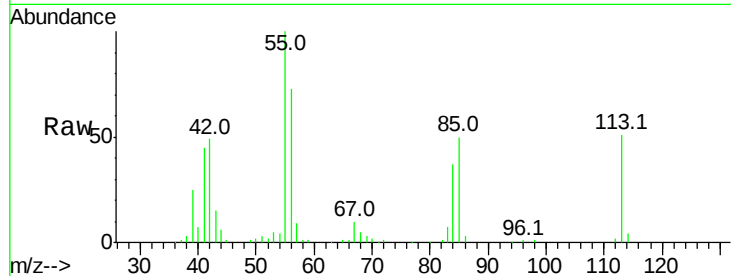
#35
 Caprolactam
 Concen: 41.457 ng/ml
 RT: 8.70 min Scan# 1081
 Delta R.T. 0.02 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleID :
 PB110319BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.8	163.3	203.3
56	145.0	115.7	155.7

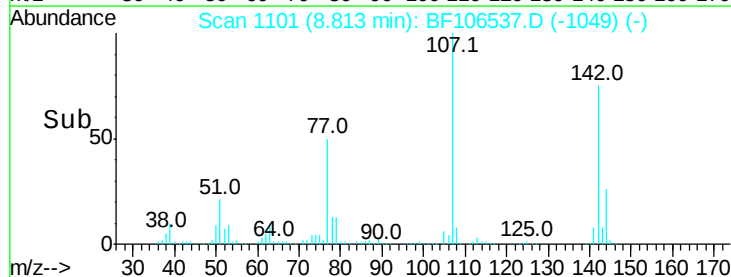
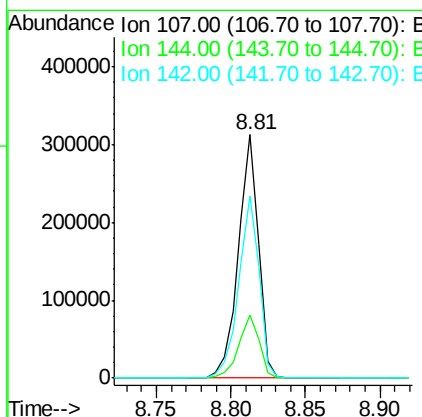
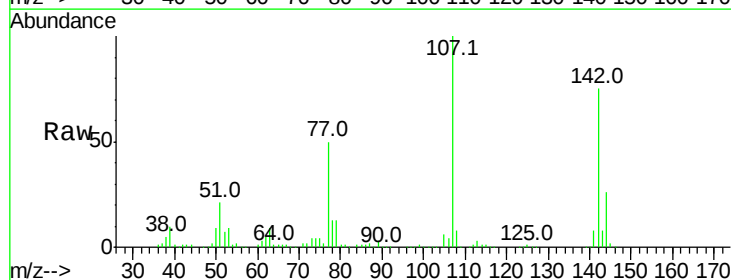
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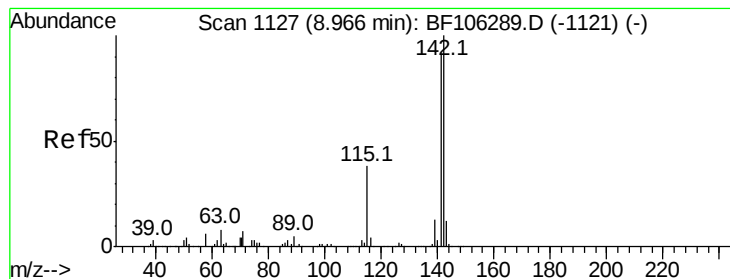
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#36
 4-Chloro-3-methylphenol
 Concen: 41.327 ng/ml
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.5	30.7
142	74.8	62.0	93.0





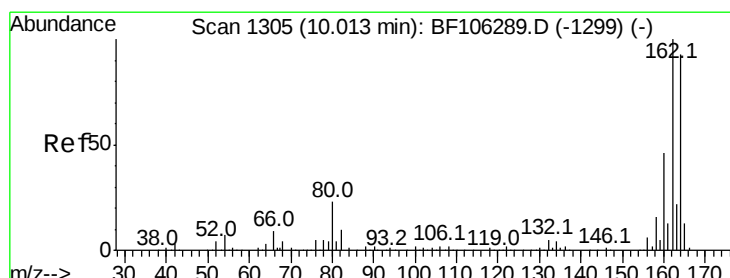
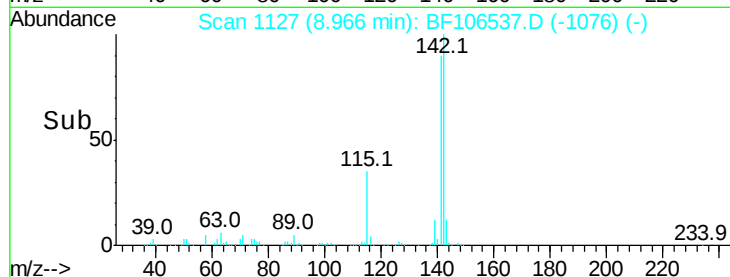
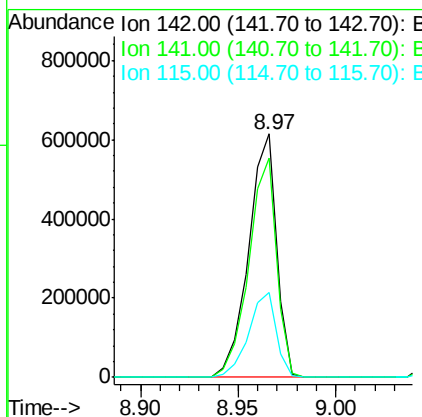
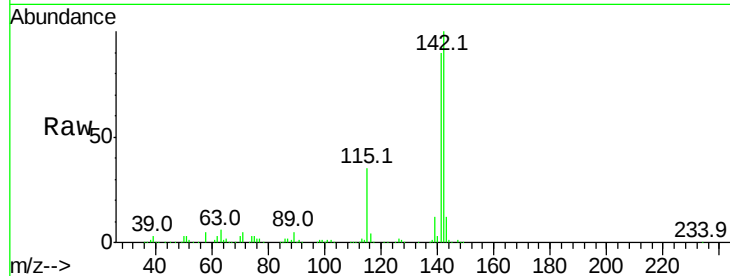
#37
2-Methylnaphthalene
Concen: 41.603 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	609790		
141	90.3		70.8	106.2
115	34.7		26.1	39.1

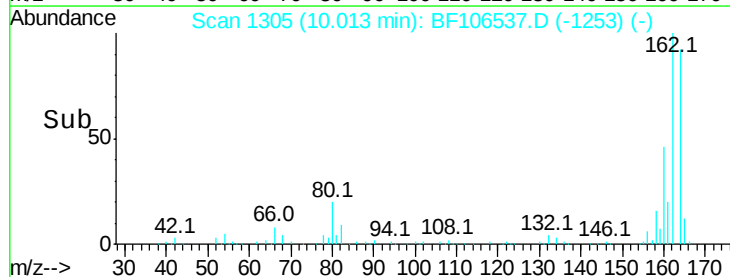
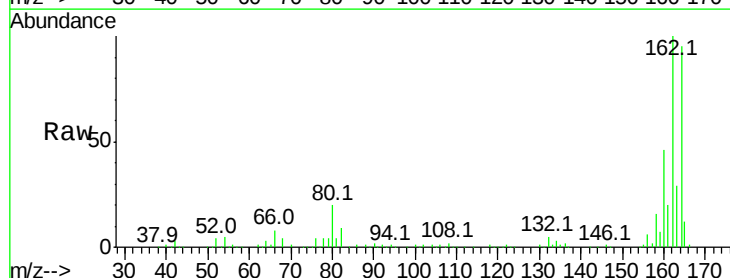
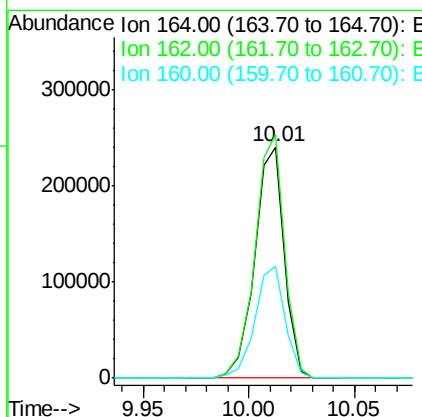
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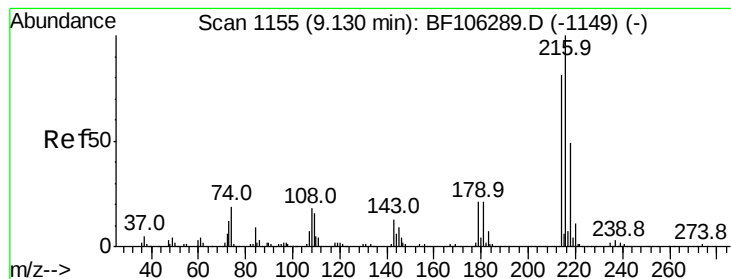
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	234429		
162	105.3		86.1	129.1
160	48.6		38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.050 ng

RT: 9.13 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

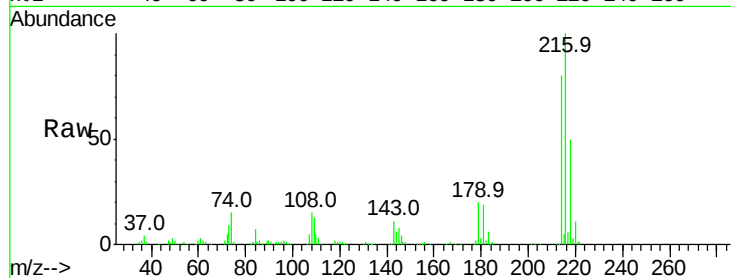
ClientSampleId :

PB110319BS

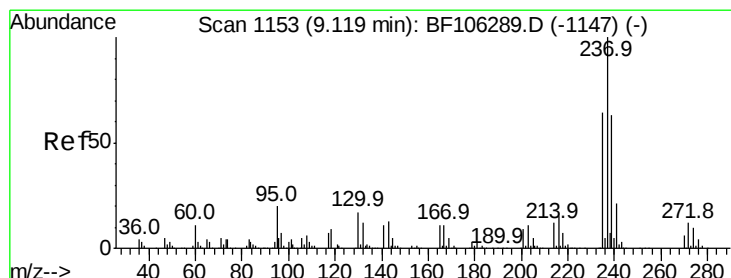
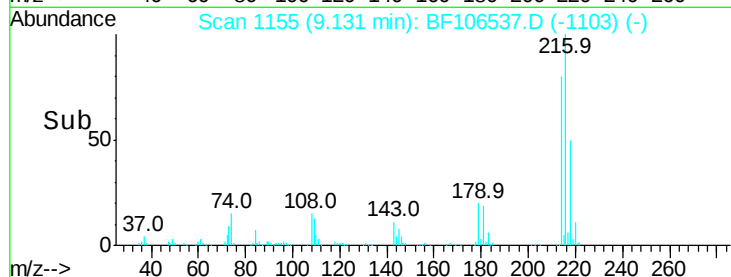
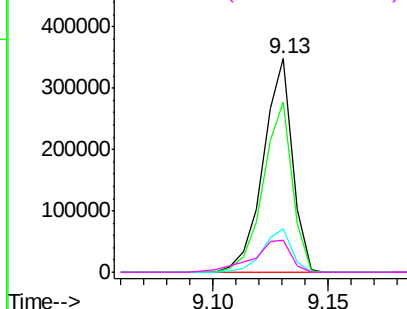
Tot Ion	Ratio	Resp	Lower	Upper
216	100	304789		
214	79.6	63.0	94.4	
179	20.3	18.1	27.1	
108	19.6	17.2	25.8	

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



#40

Hexachlorocyclopentadiene

Concen: 83.114 ng

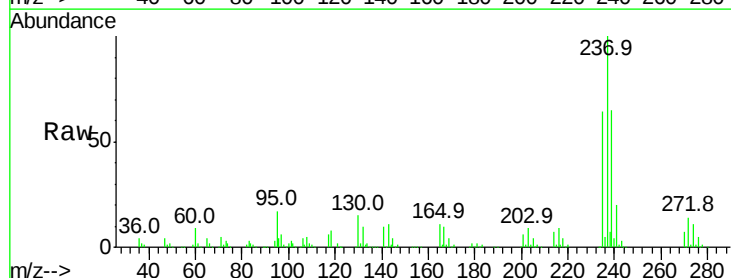
RT: 9.11 min Scan# 1152

Delta R.T. 0.00 min

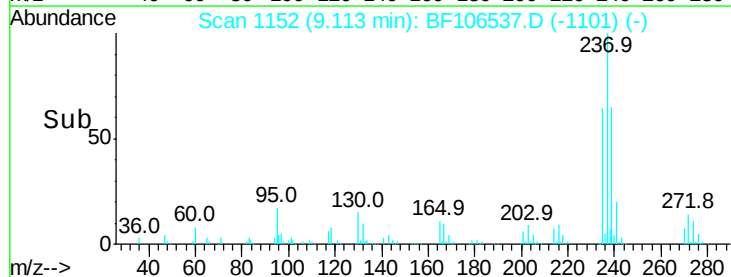
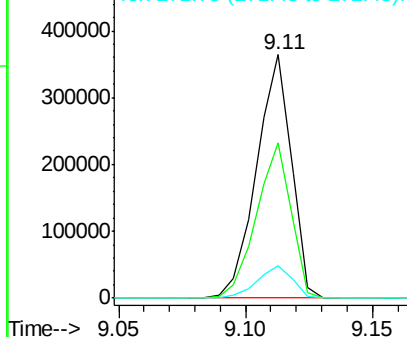
Lab File: BF106537.D

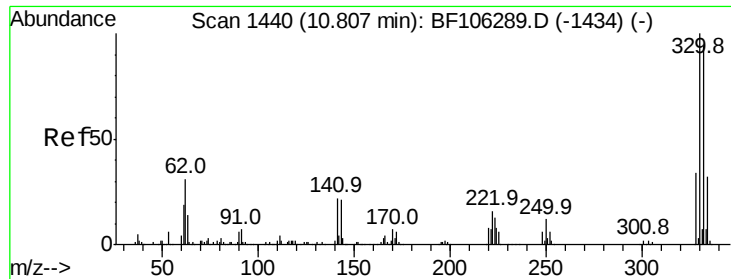
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	348978		
235	63.9	44.8	84.8	
272	13.5	0.0	33.3	



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





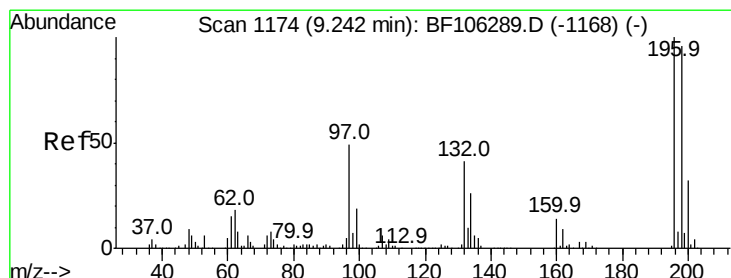
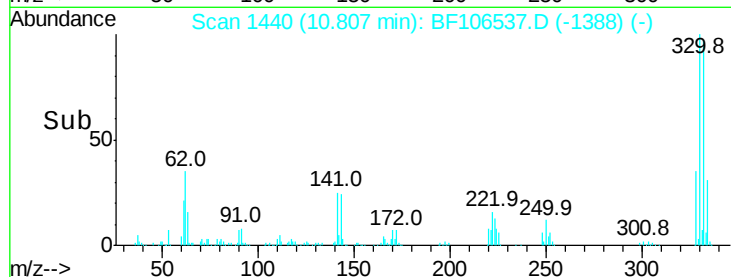
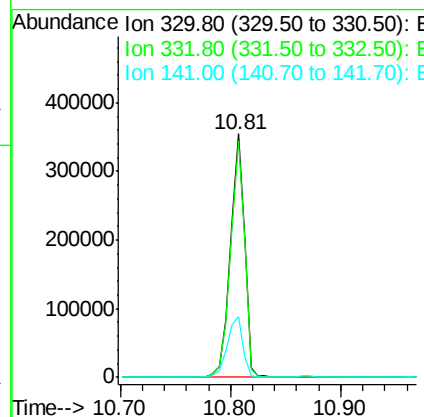
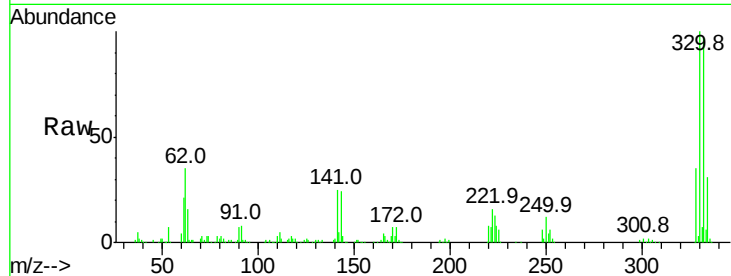
#41
 2,4,6-Tribromophenol
 Concen: 142.364 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	321119		
332	96.8	77.0	115.6	
141	27.1	29.9	44.9	

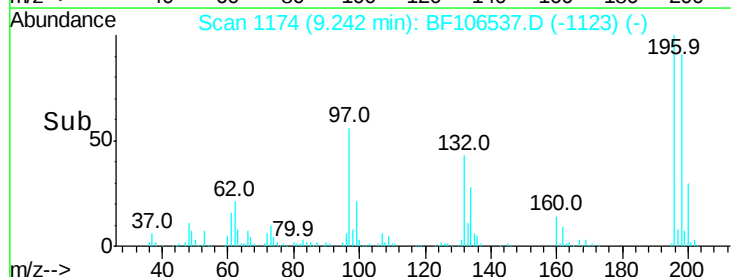
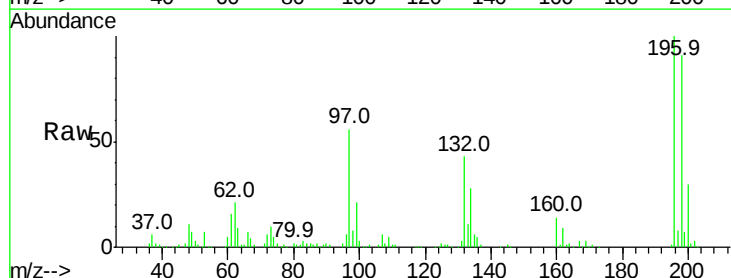
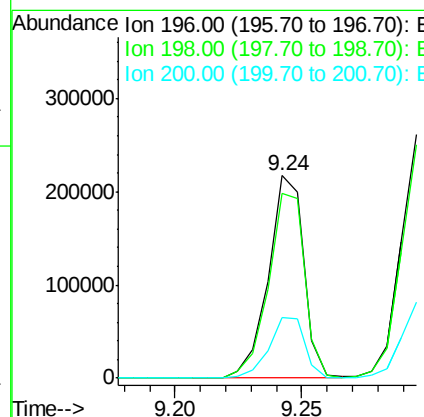
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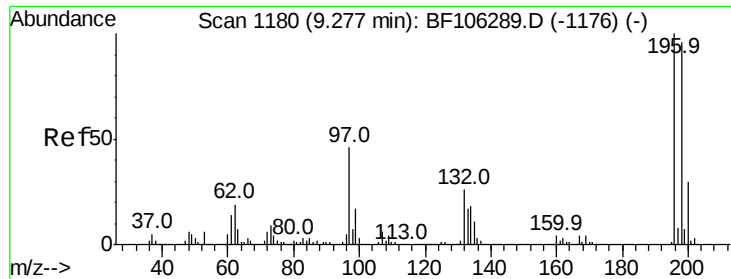
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#42
 2,4,6-Trichlorophenol
 Concen: 44.113 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	213941		
198	91.1	75.7	113.5	
200	29.8	24.5	36.7	





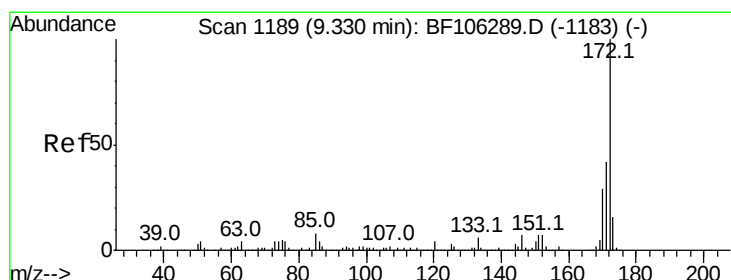
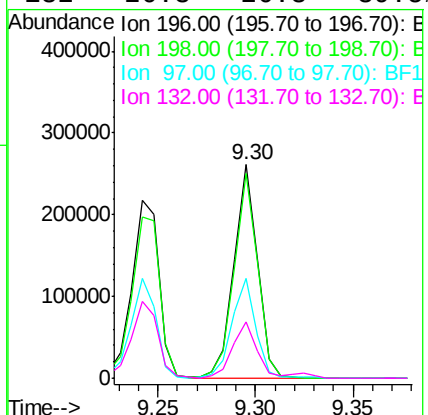
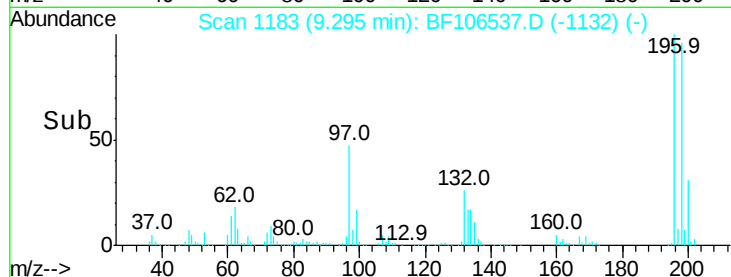
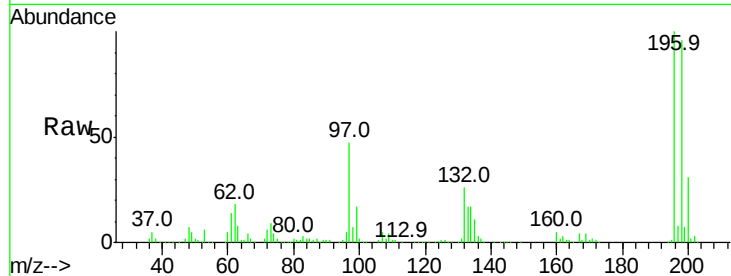
#43
2,4,5-Trichlorophenol
Concen: 41.991 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	219539		
198	95.8	74.6	112.0	
97	46.8	42.9	64.3	
132	26.3	26.3	39.5	

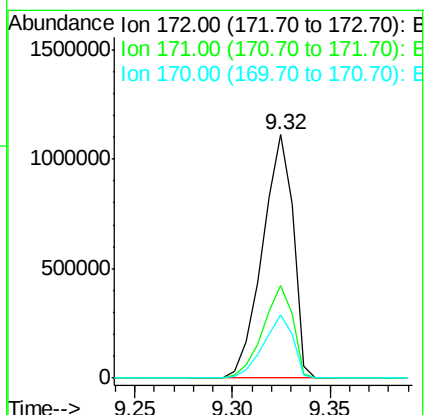
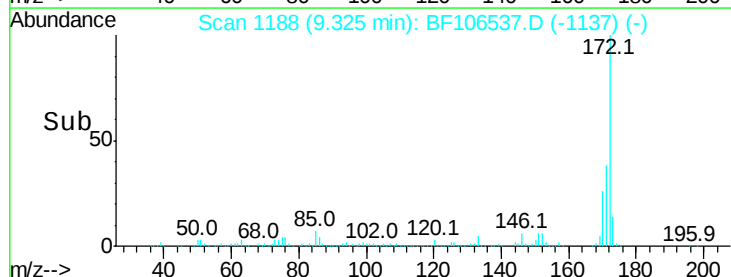
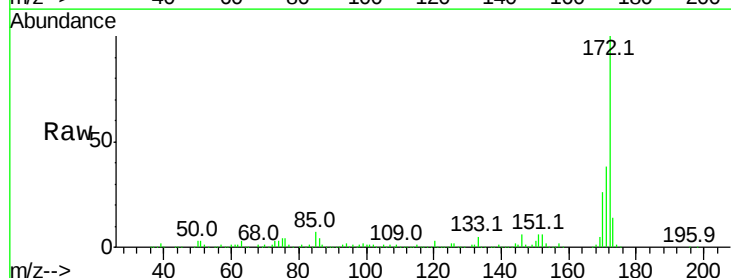
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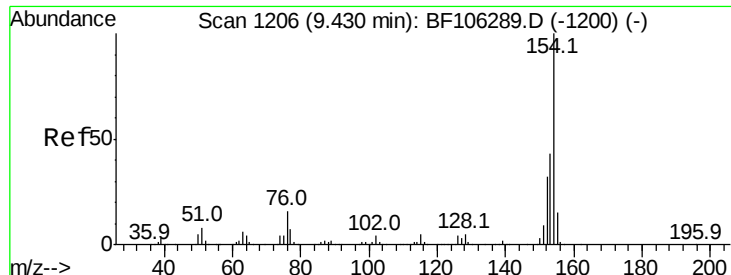
Sohil
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#44
2-Fluorobiphenyl
Concen: 95.098 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1209881		
171	37.8	29.7	44.5	
170	25.9	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 39.970 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

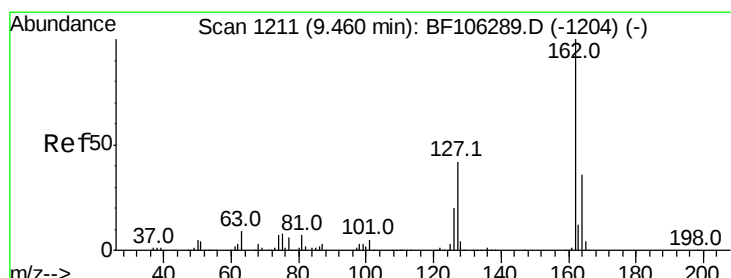
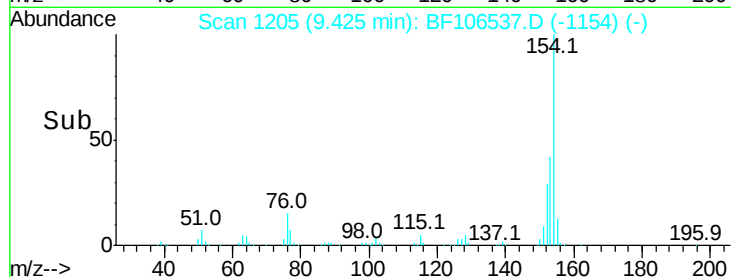
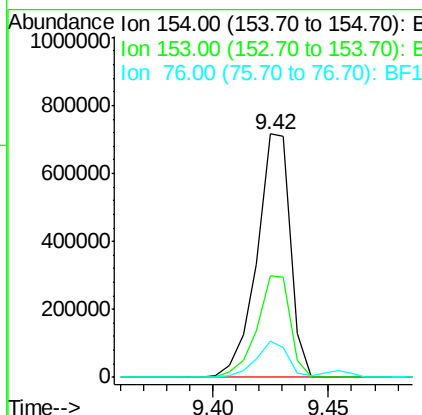
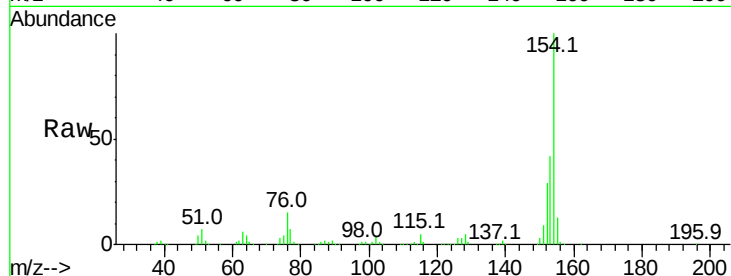
ClientSampleId :

PB110319BS

Tot Ion:	154	Resp:	725760
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.3	61.3
76	14.7	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 39.768 ng

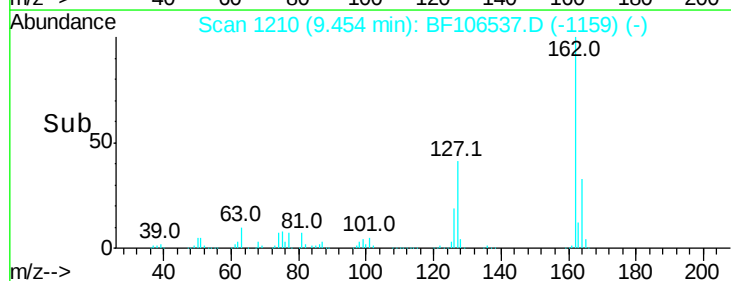
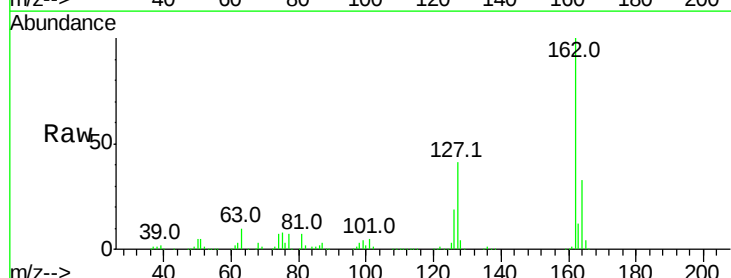
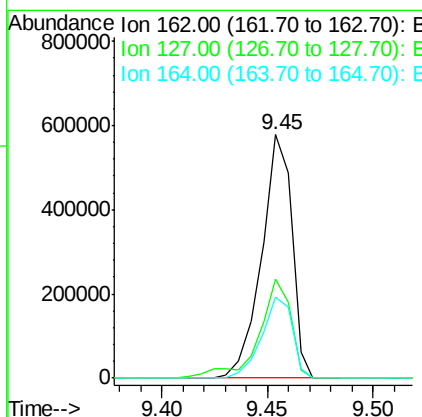
RT: 9.45 min Scan# 1210

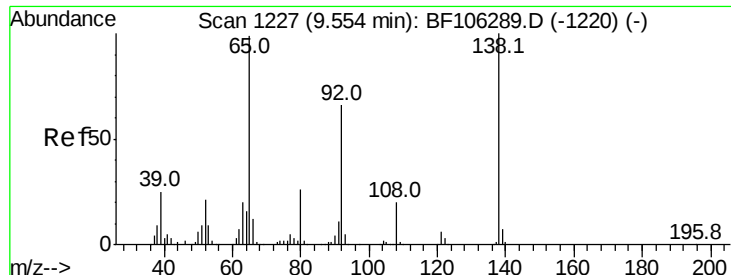
Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion:	162	Resp:	577858
Ion Ratio	Lower	Upper	
162	100		
127	40.6	33.9	50.9
164	33.5	26.5	39.7





#47

2-Nitroaniline

Concen: 44.154 ng

RT: 9.55 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

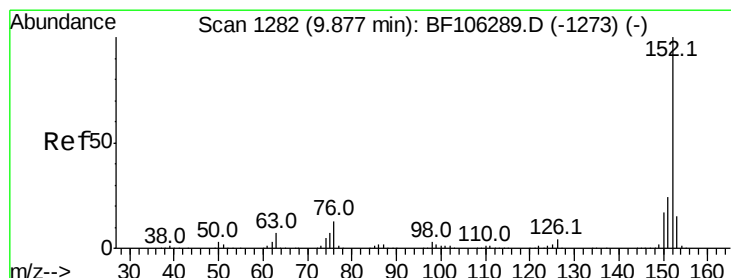
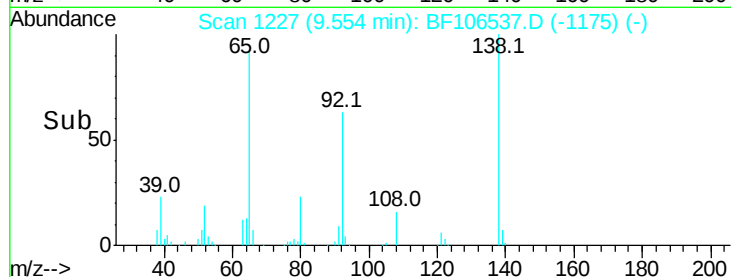
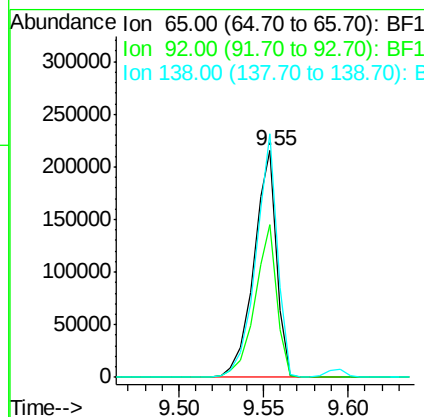
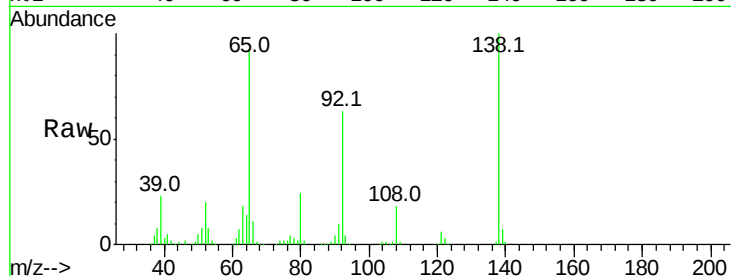
ClientSampleId :

PB110319BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.3	55.8	83.6
138	107.5	91.2	136.8

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#48

Acenaphthylene

Concen: 41.621 ng

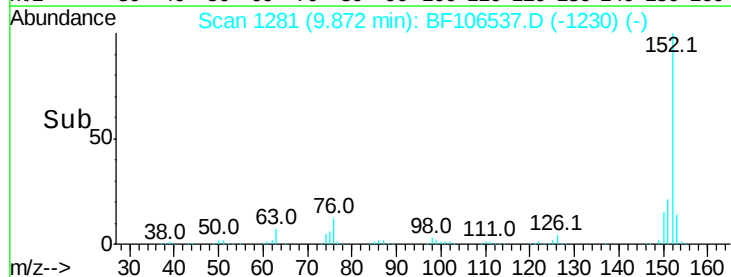
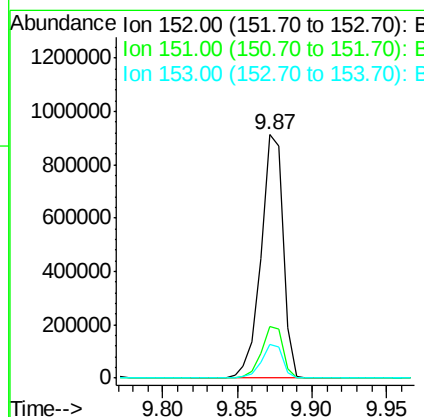
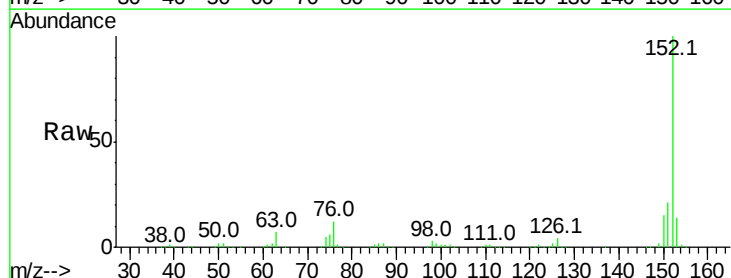
RT: 9.87 min Scan# 1281

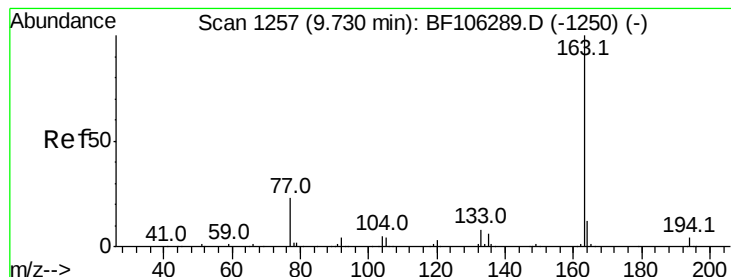
Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.3	24.5
153	14.0	10.7	16.1





#49

Dimethylphthalate

Concen: 41.580 ng

RT: 9.72 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

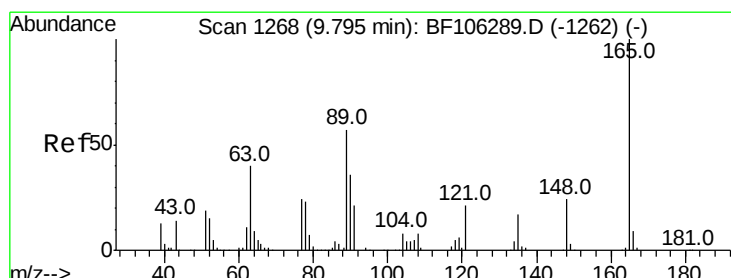
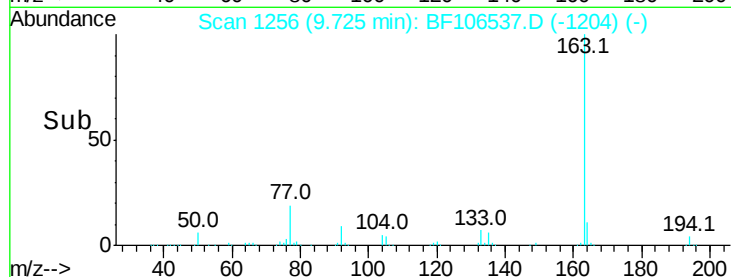
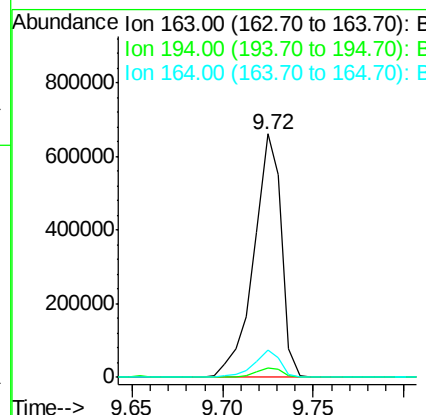
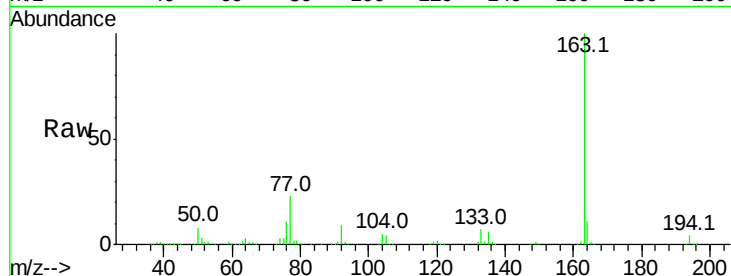
ClientSampleId :

PB110319BS

Tot Ion:	163	Resp:	696401
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	11.2	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 45.734 ng

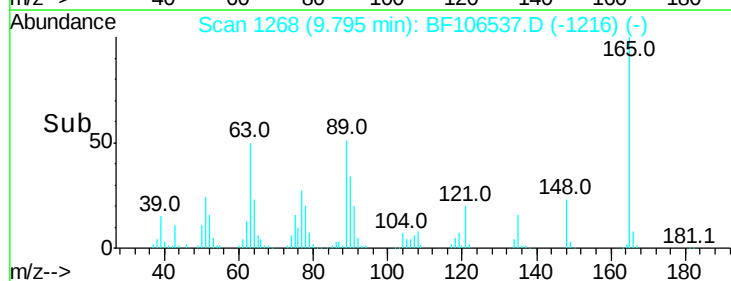
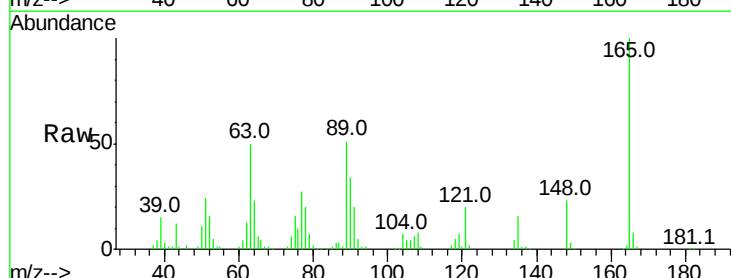
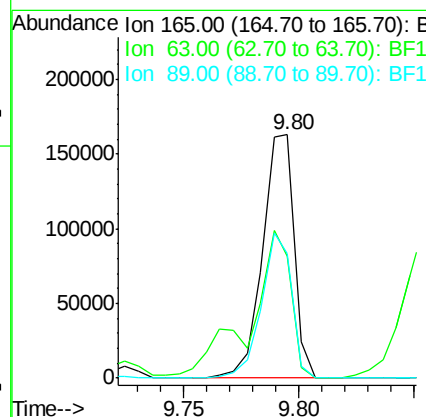
RT: 9.80 min Scan# 1268

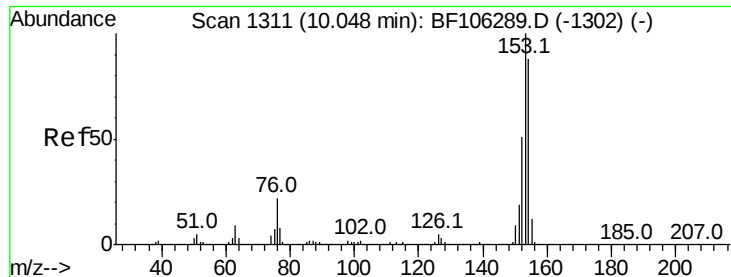
Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion:	165	Resp:	156464
Ion Ratio	Lower	Upper	
165	100		
63	50.1	44.7	67.1
89	51.0	44.0	66.0





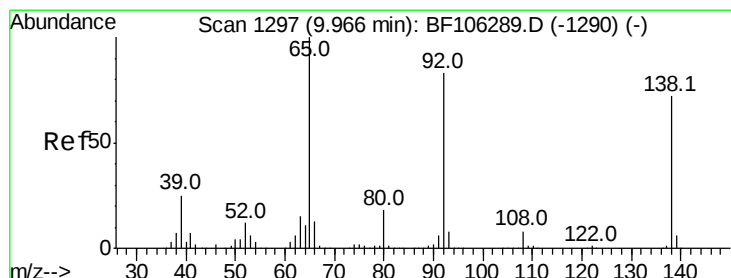
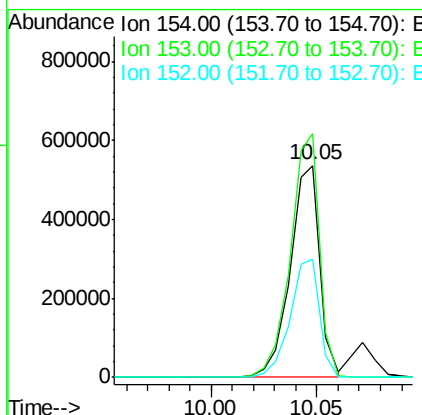
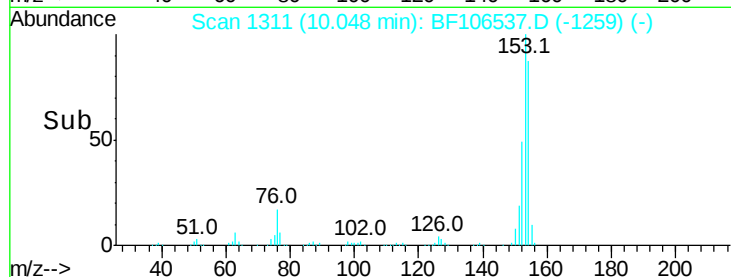
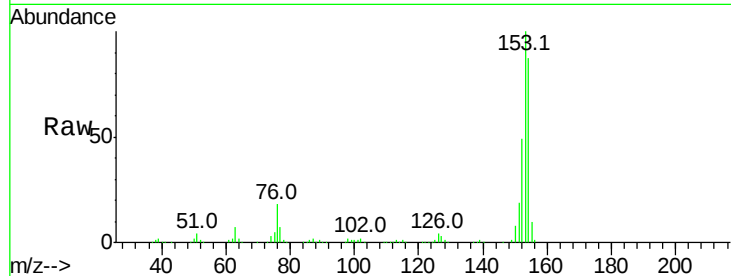
#51
Acenaphthene
Concen: 36.581 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.2	136.8
152	55.7	43.8	65.8

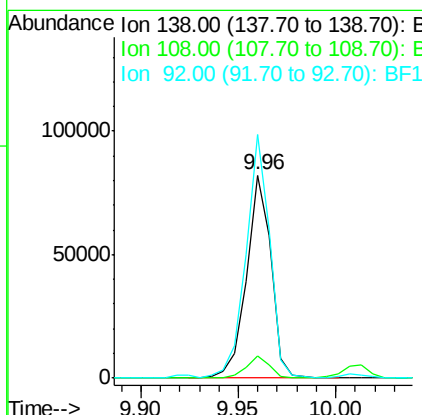
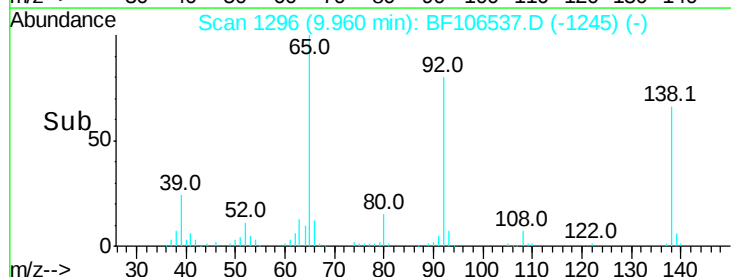
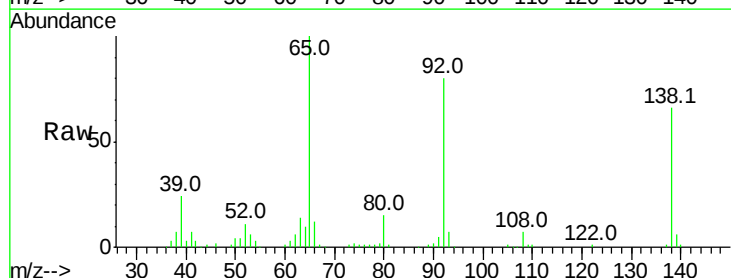
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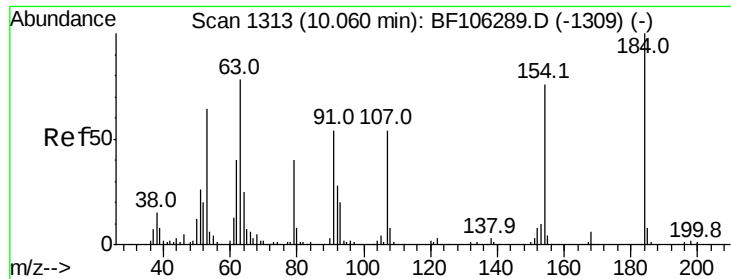
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#52
3-Nitroaniline
Concen: 17.578 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.4	14.0
92	119.9	89.4	134.2





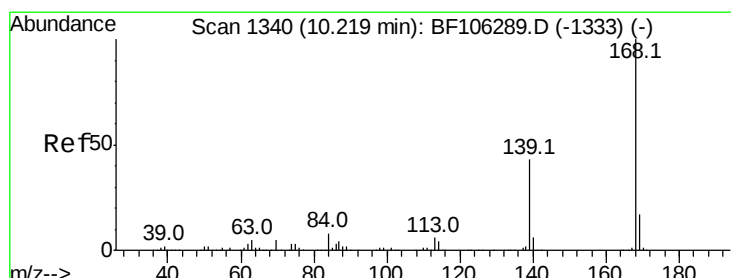
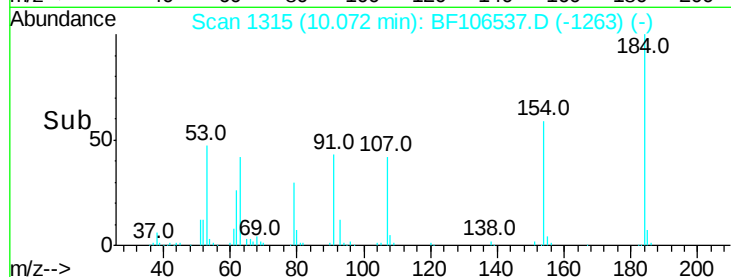
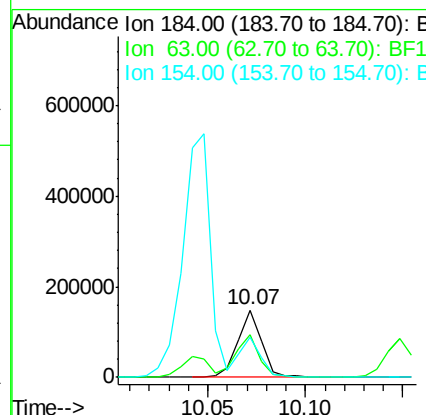
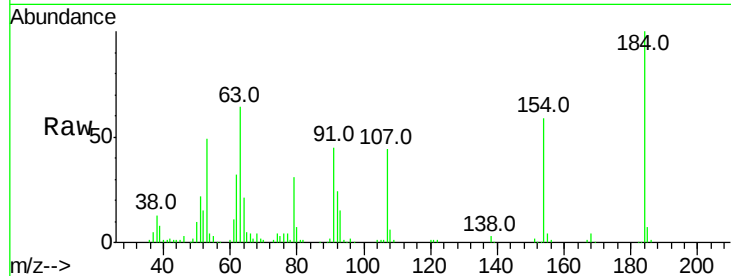
#53
 2,4-Dinitrophenol
 Concen: 80.265 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	126127		
63	63.6	54.2	81.2	
154	59.0	184.0	276.0	

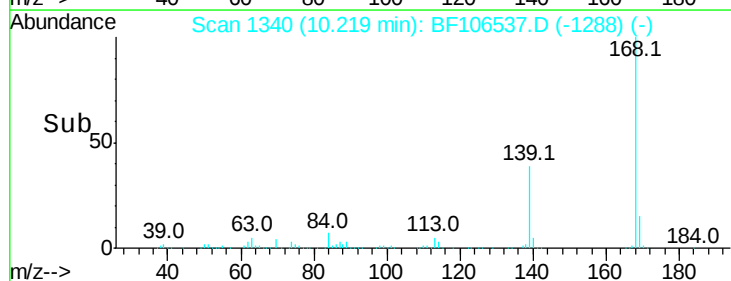
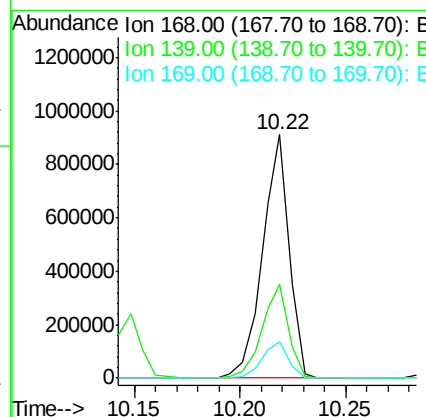
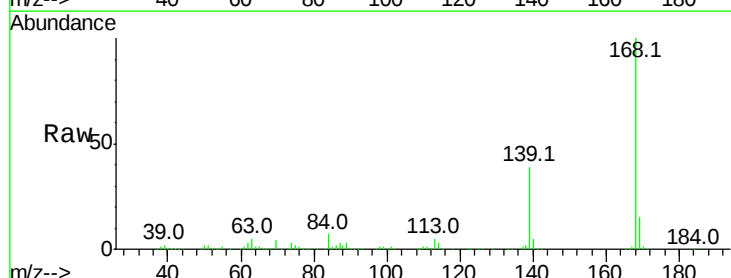
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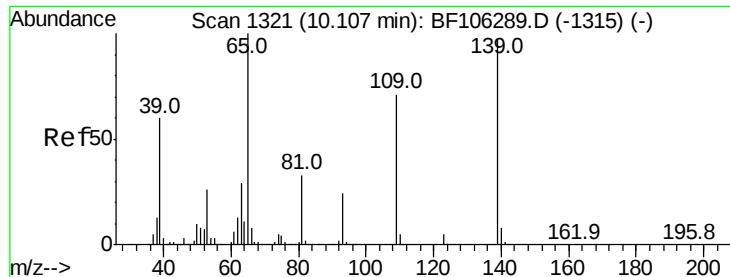
Sohil
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#54
 Dibenzofuran
 Concen: 41.088 ng
 RT: 10.22 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	794719		
139	38.7	30.1	45.1	
169	15.0	10.9	16.3	





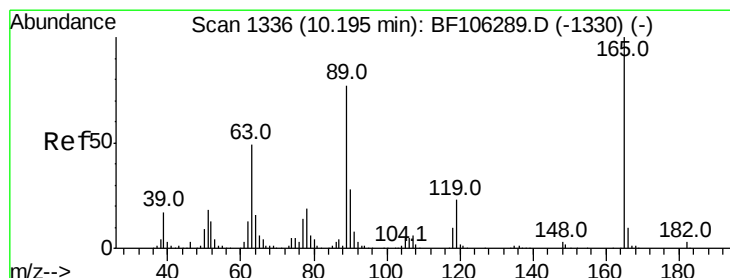
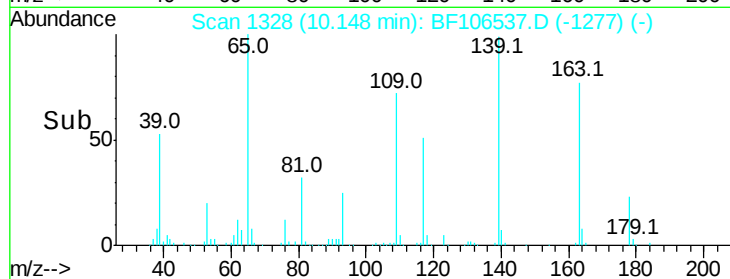
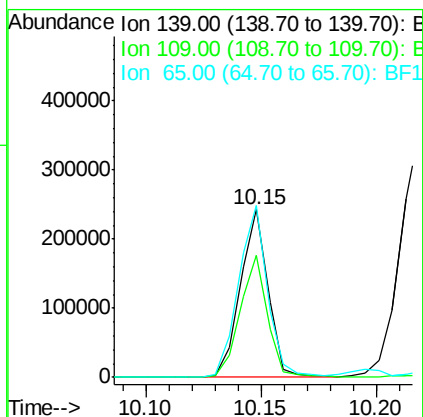
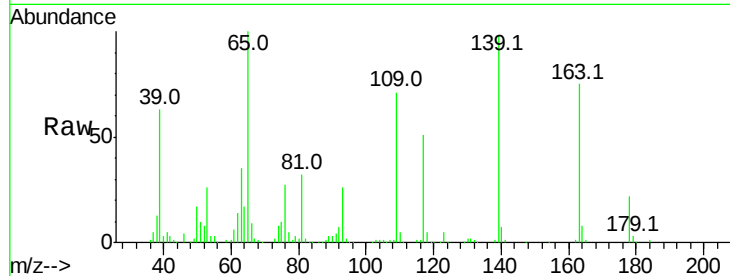
#55
4-Nitrophenol
Concen: 65.909 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	205134		
109	72.4	48.4	88.4	
65	102.2	72.6	112.6	

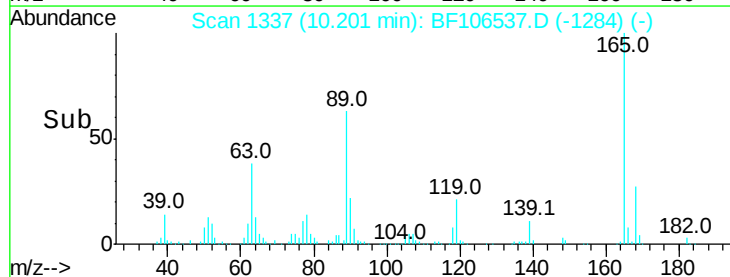
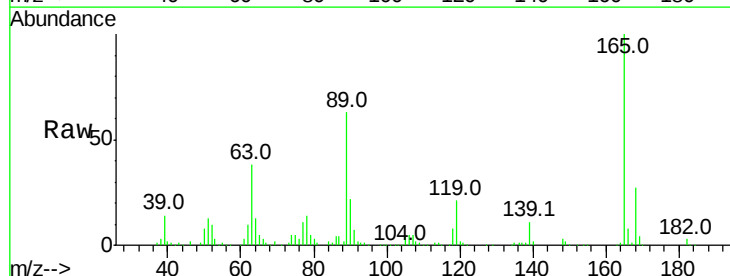
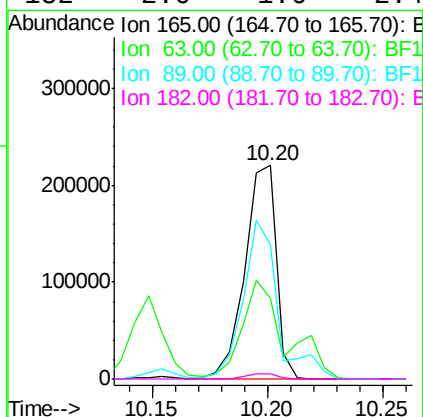
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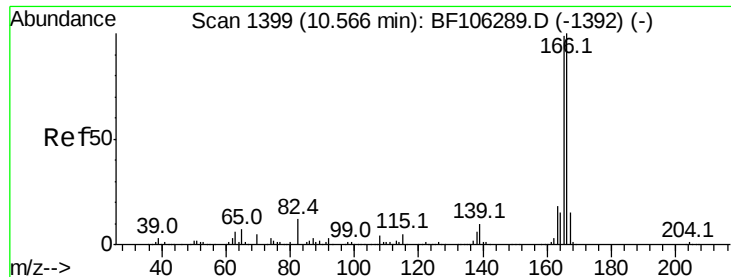
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#56
2,4-Dinitrotoluene
Concen: 49.136 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	211097		
63	37.9	36.4	54.6	
89	62.7	57.8	86.6	
182	2.6	1.6	2.4	#





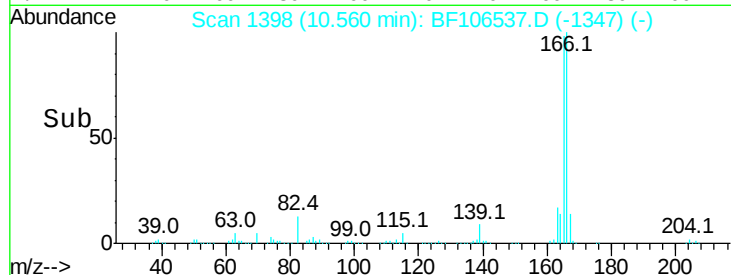
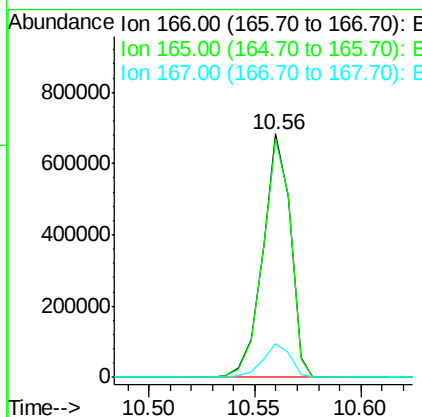
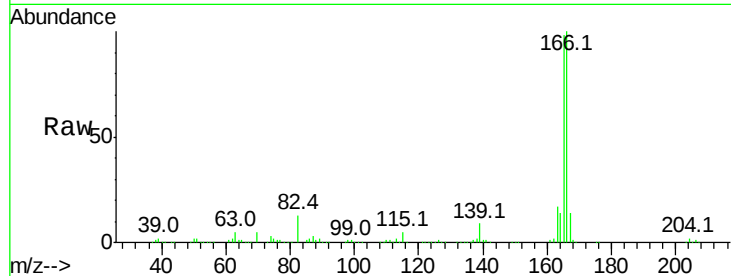
#57
 Fluorene
 Concen: 40.439 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.2	79.8	119.8	
167	13.9	10.6	16.0	

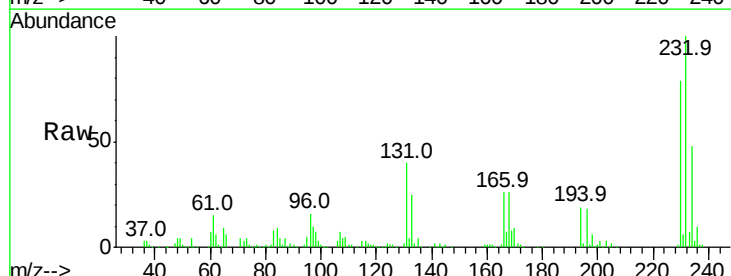
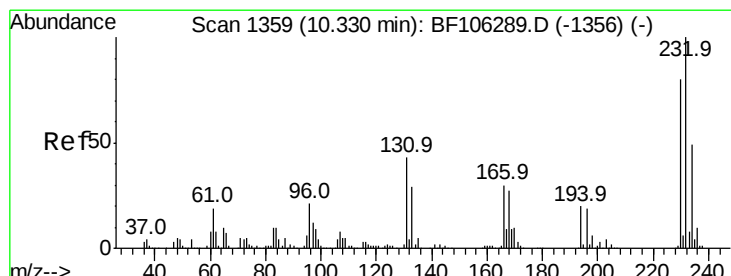
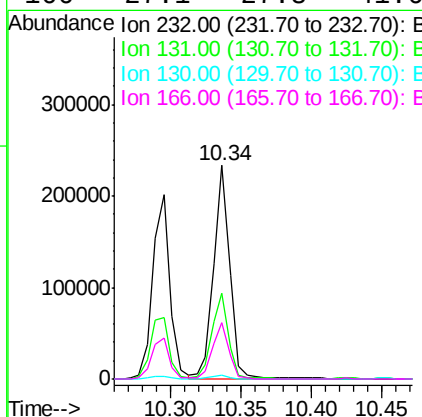
Manual Integrations
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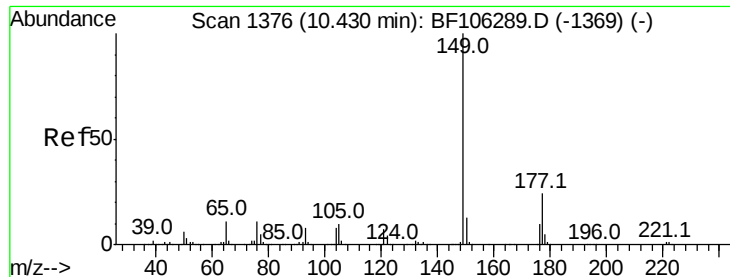
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.855 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.2	43.8	65.8#	
130	1.9	2.1	3.1#	
166	27.1	27.8	41.6#	





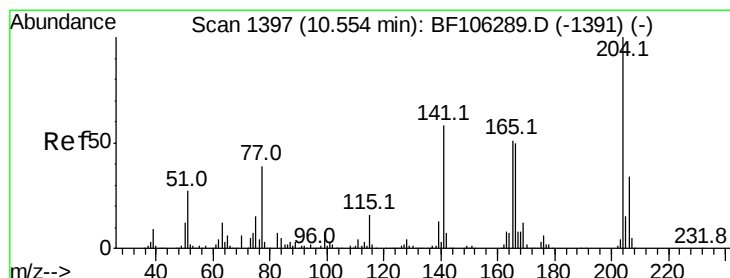
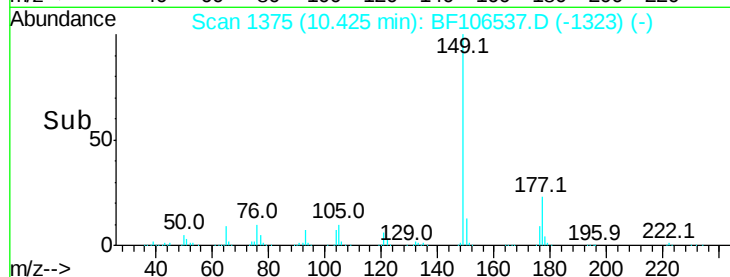
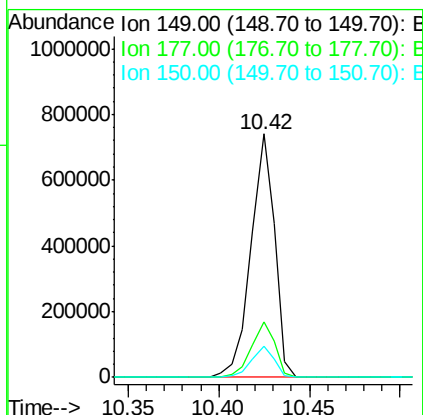
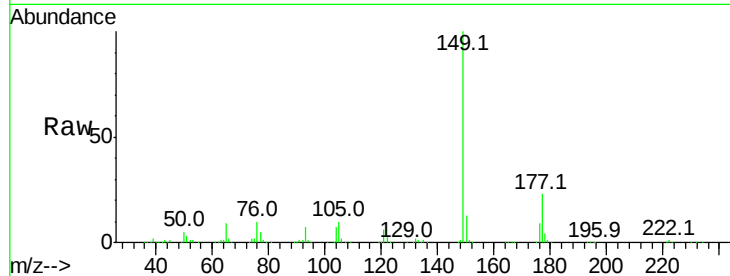
#59
Diethylphthalate
Concen: 40.462 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	672631		
177	23.0		16.1	24.1
150	12.9		10.1	15.1

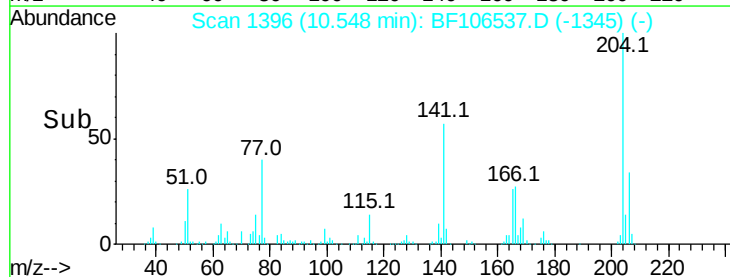
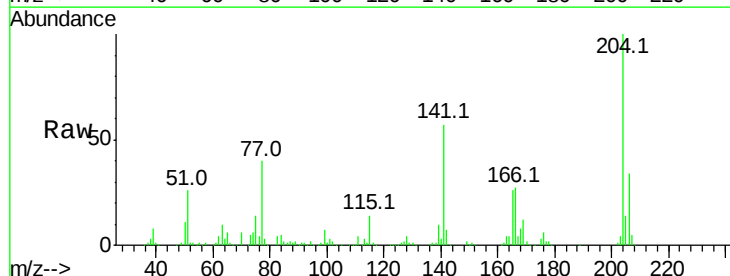
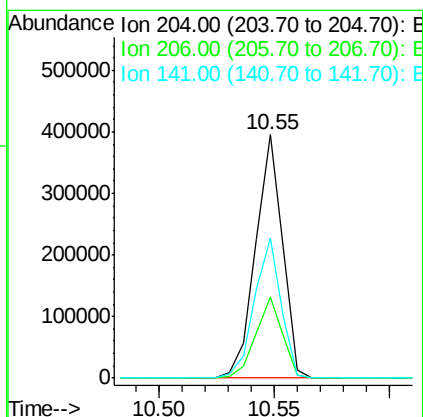
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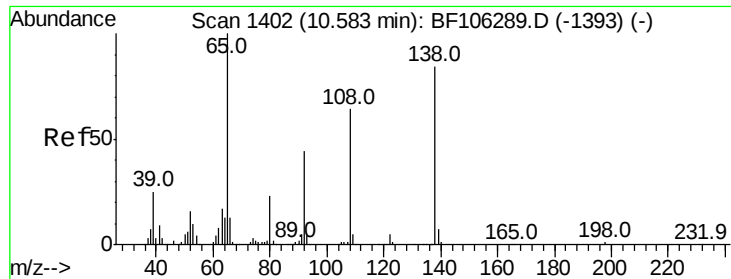
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 40.131 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	323465		
206	33.5		26.5	39.7
141	57.3		54.6	81.8





#61

4-Nitroaniline

Concen: 40.446 ng

RT: 10.58 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

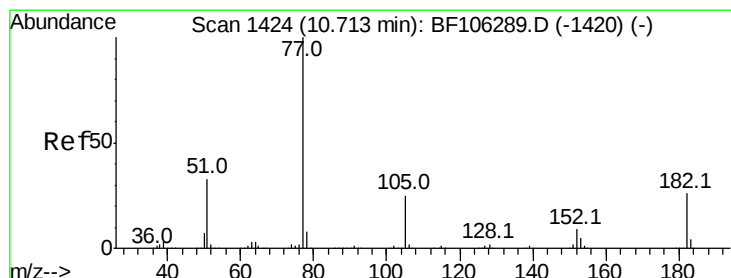
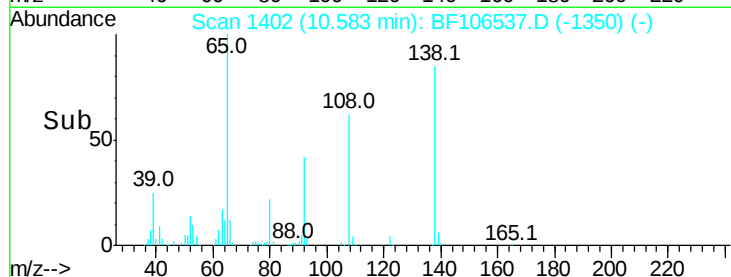
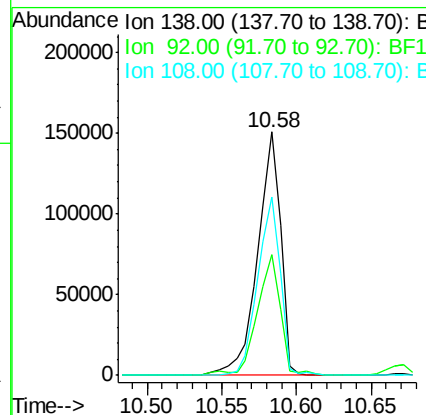
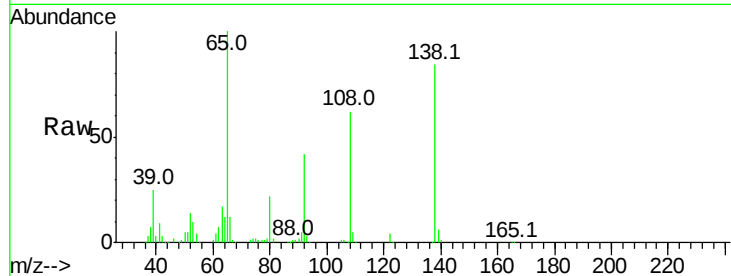
ClientSampleId :

PB110319BS

Tot Ion:	138	Resp:	159787
Ion Ratio	Lower	Upper	
138	100		
92	49.3	30.2	70.2
108	73.4	52.5	92.5

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#62

Azobenzene

Concen: 40.198 ng

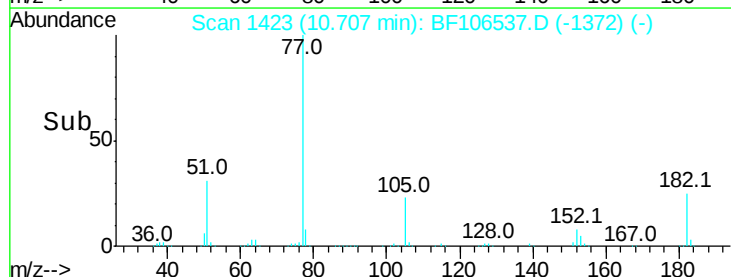
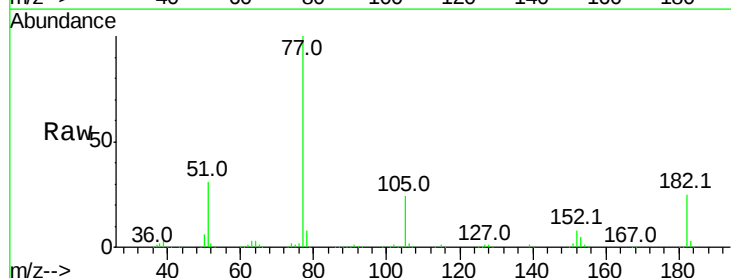
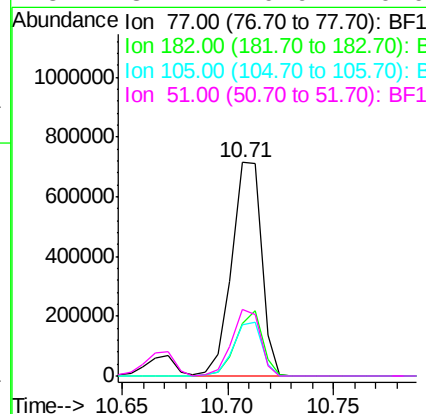
RT: 10.71 min Scan# 1423

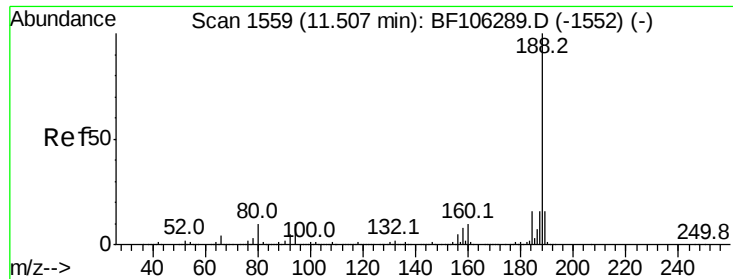
Delta R.T. 0.00 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion:	77	Resp:	696806
Ion Ratio	Lower	Upper	
77	100		
182	24.7	1.7	41.7
105	23.8	3.0	43.0
51	31.2	9.9	49.9





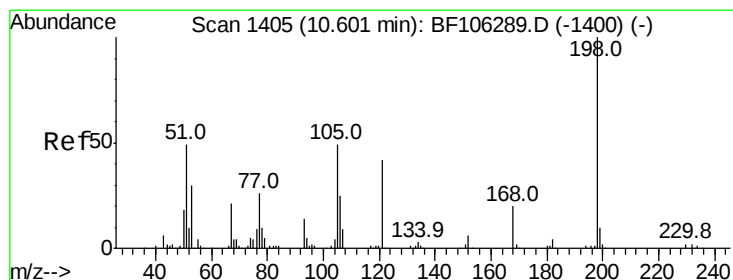
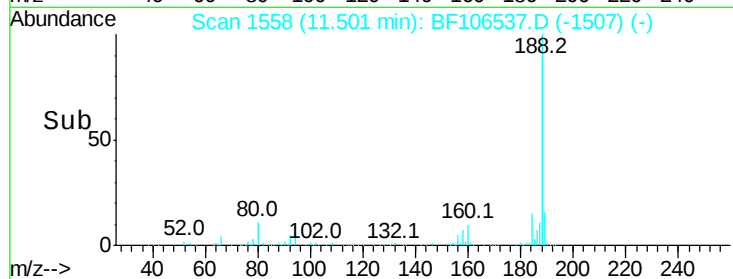
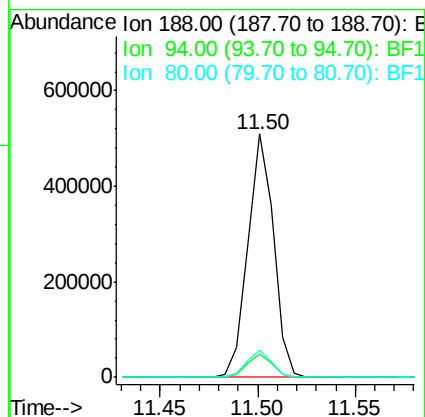
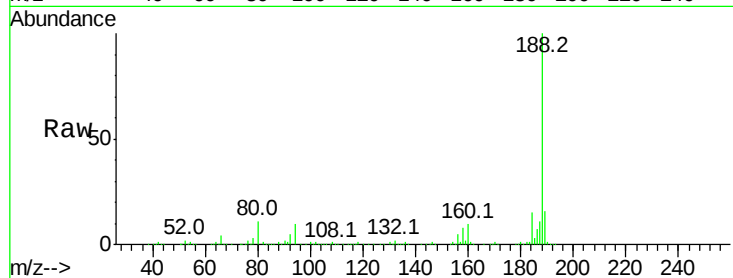
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	464507		
94	9.7		8.5	12.7
80	11.0		9.2	13.8

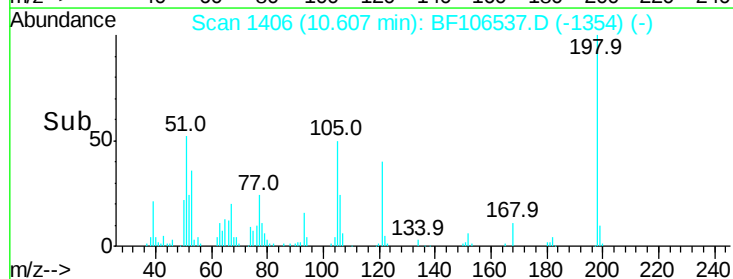
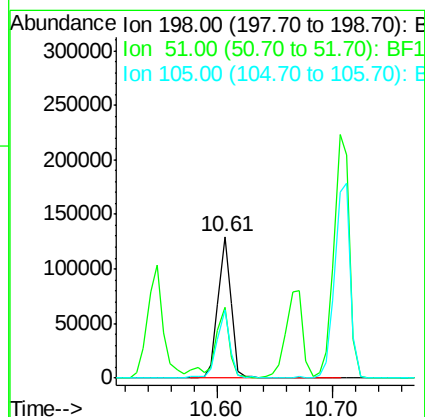
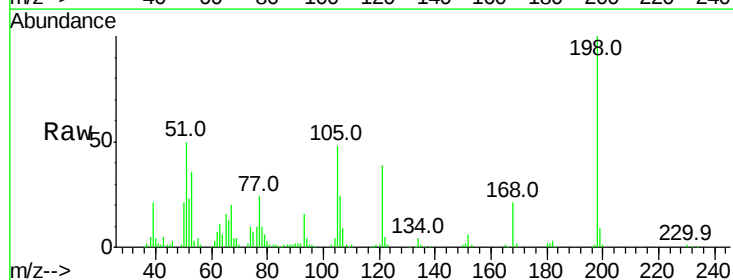
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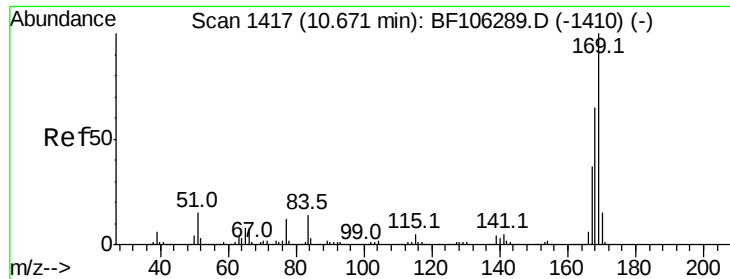
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.205 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	103564		
51	50.4		37.7	77.7
105	48.3		36.3	76.3





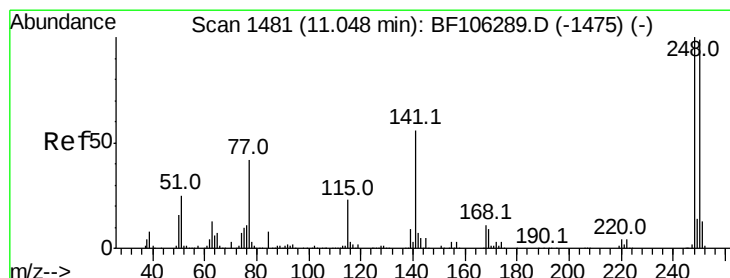
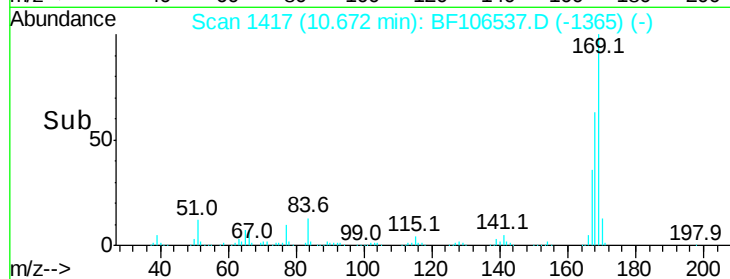
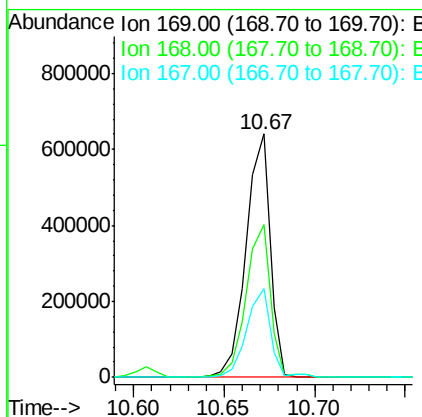
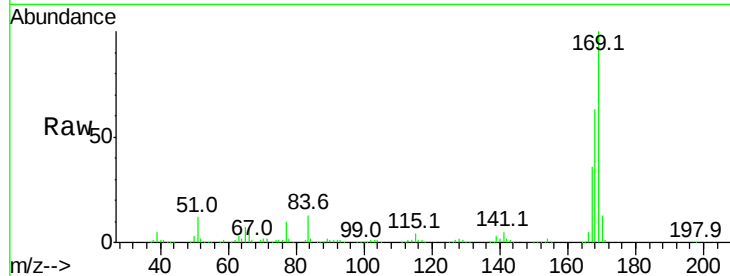
#65
 n-Nitrosodiphenylamine
 Concen: 38.038 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.0	54.4	81.6	
167	36.3	29.8	44.6	

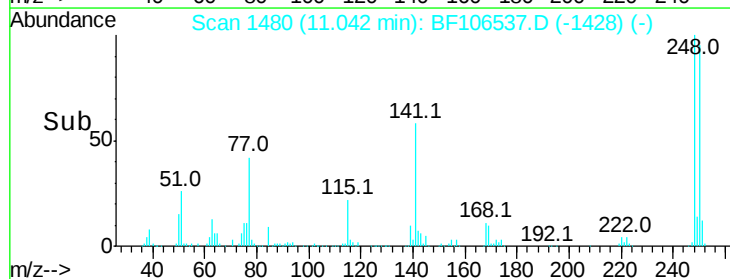
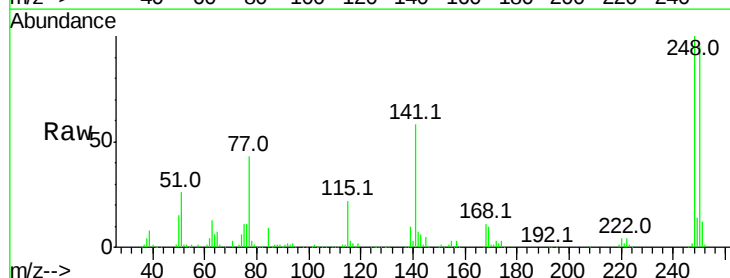
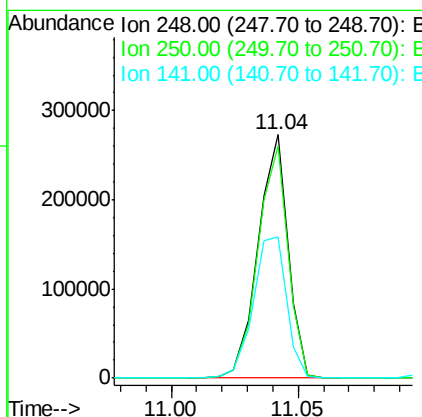
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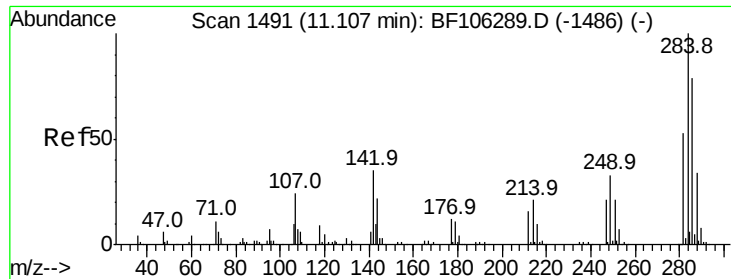
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#66
 4-Bromophenyl-phenylether
 Concen: 42.795 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.4	76.9	115.3	
141	57.9	74.4	111.6	





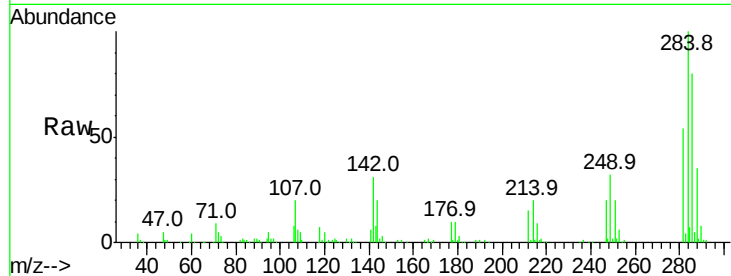
#67
Hexachlorobenzene
Concen: 42.831 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

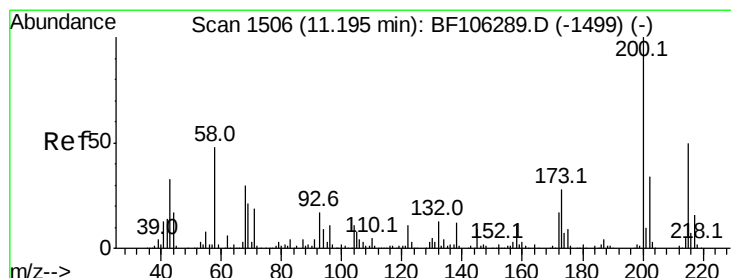
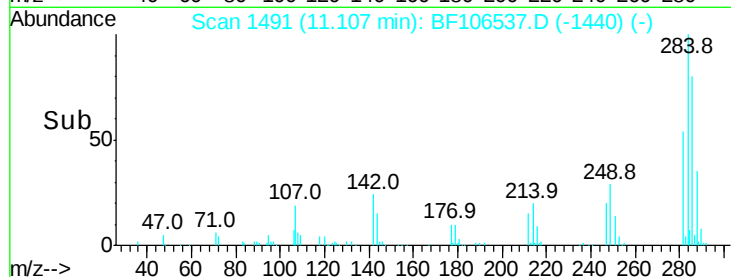
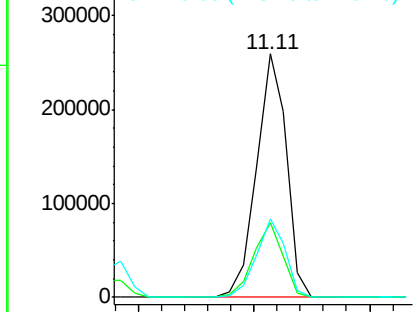
Tot Ion	Ratio	Resp	Lower	Upper
284	100	233290		
142	30.8	34.6	52.0	
249	32.1	24.8	37.2	

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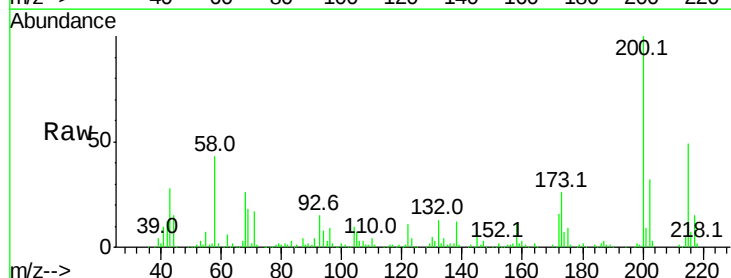


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

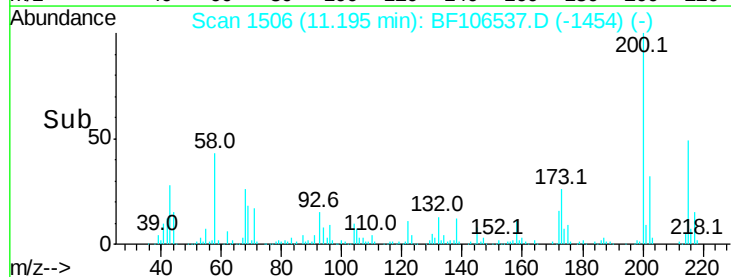
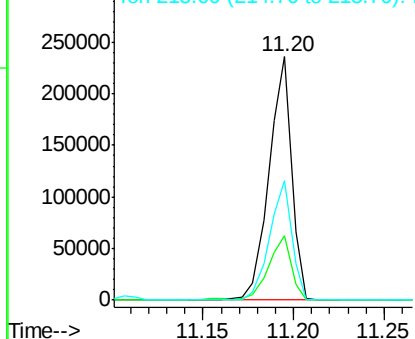


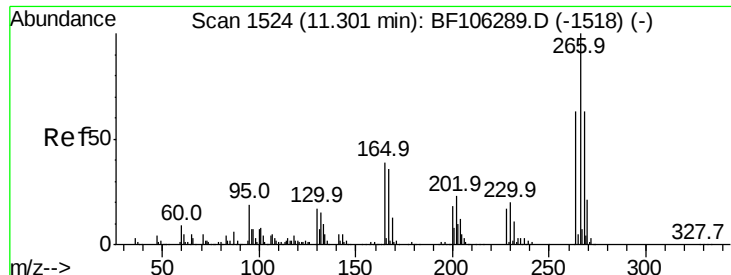
#68
Atrazine
Concen: 42.420 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	204082		
173	26.4	8.6	48.6	
215	49.1	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





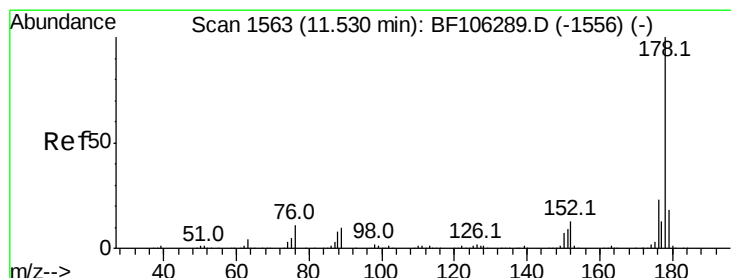
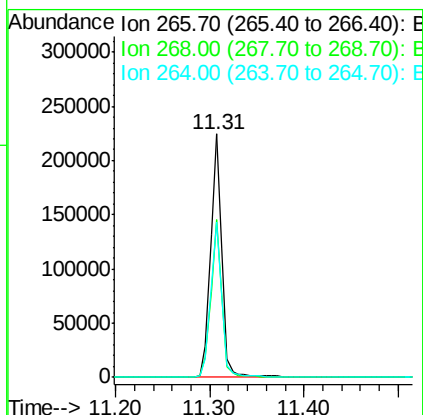
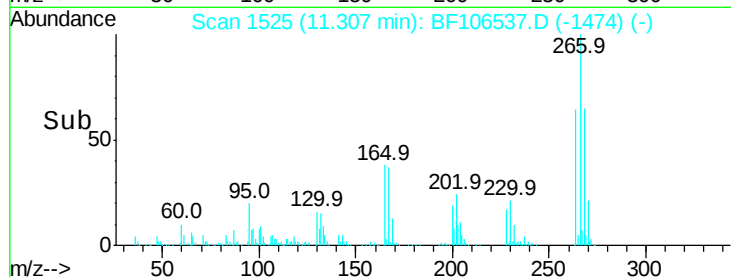
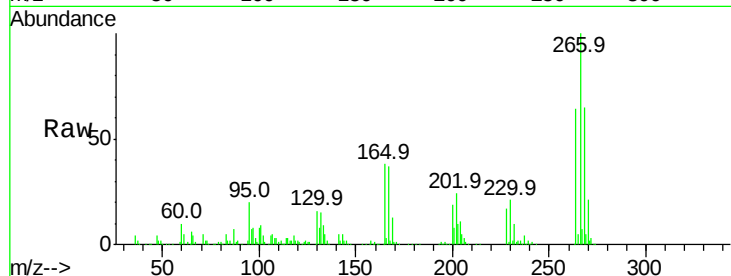
#69
 Pentachlorophenol
 Concen: 57.577 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	193077		
268	65.1	51.1	76.7	
264	63.7	49.5	74.3	

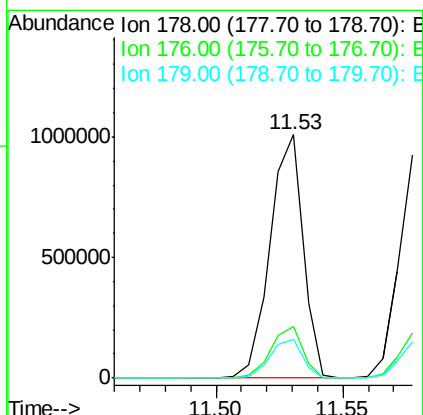
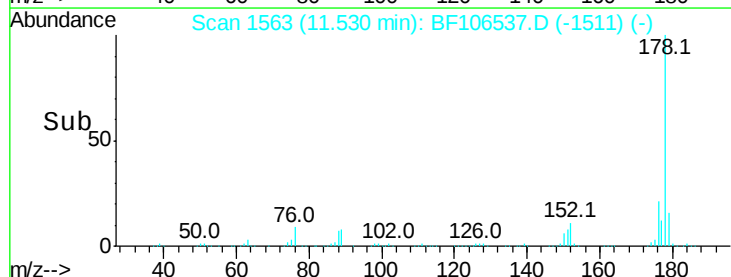
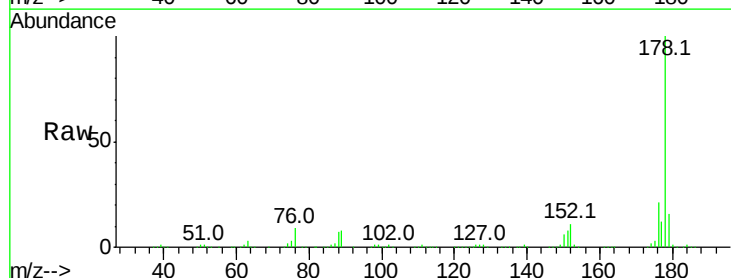
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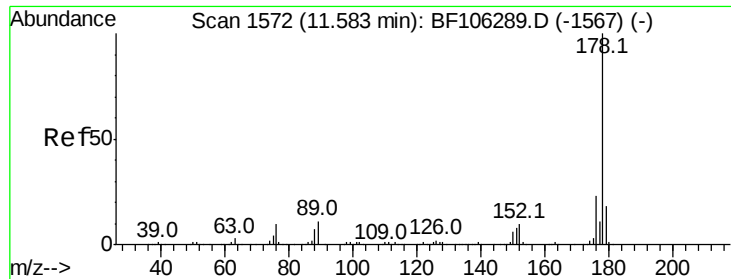
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#70
 Phenanthrene
 Concen: 40.215 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	914846		
176	21.0	15.8	23.8	
179	16.0	13.0	19.6	





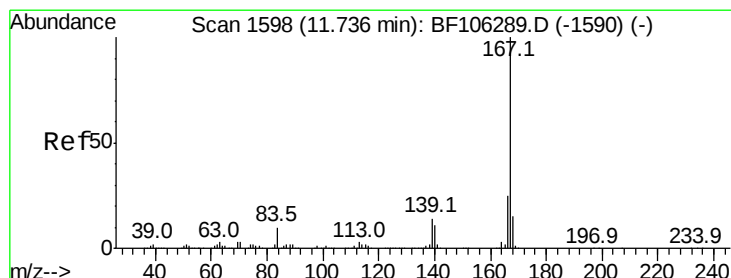
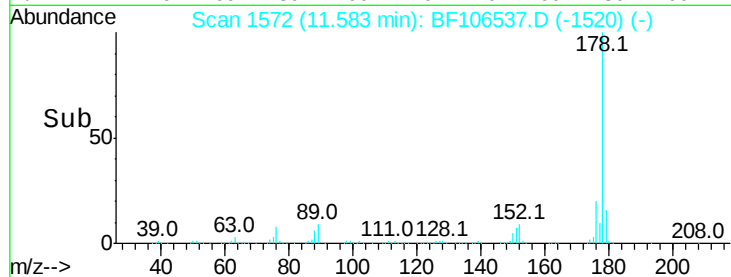
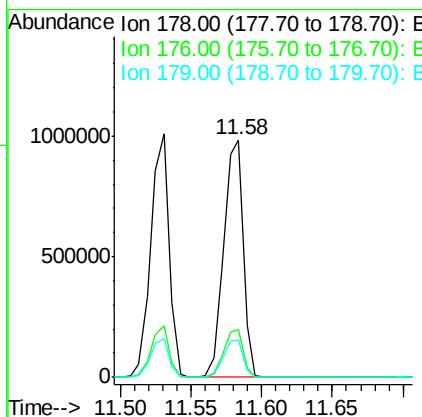
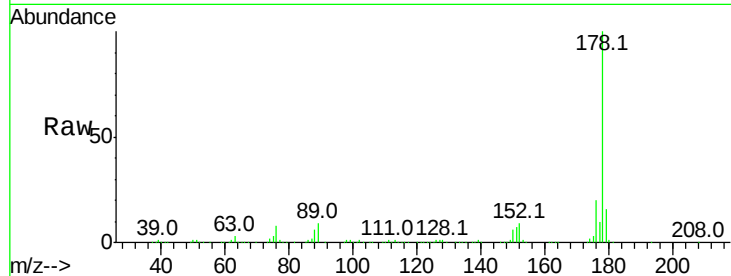
#71
 Anthracene
 Concen: 41.409 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	15.8	12.6	19.0

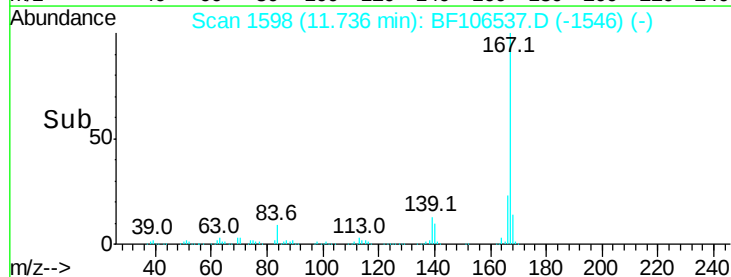
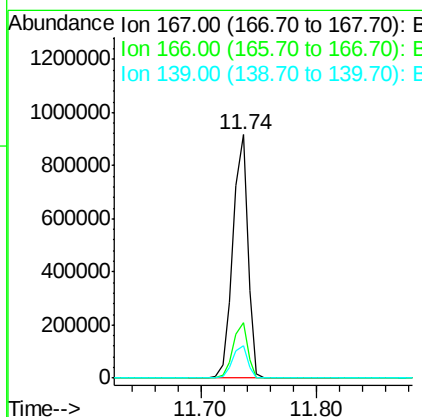
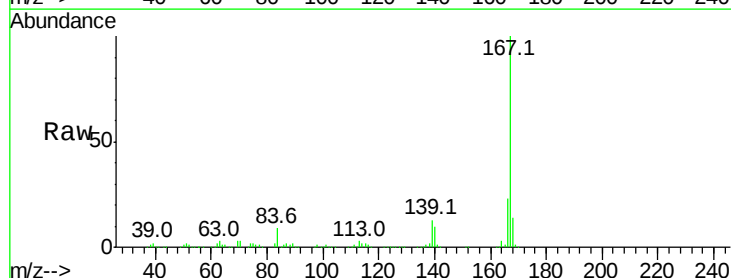
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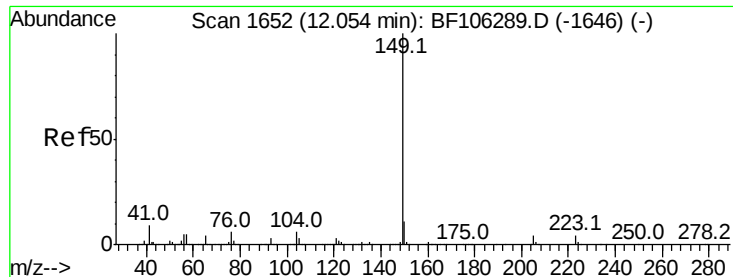
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#72
 Carbazole
 Concen: 39.315 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.6	26.4
139	13.4	10.9	16.3





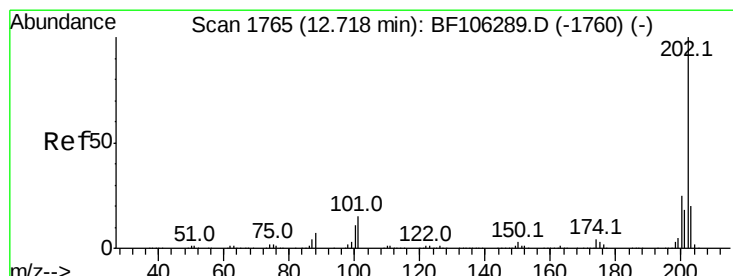
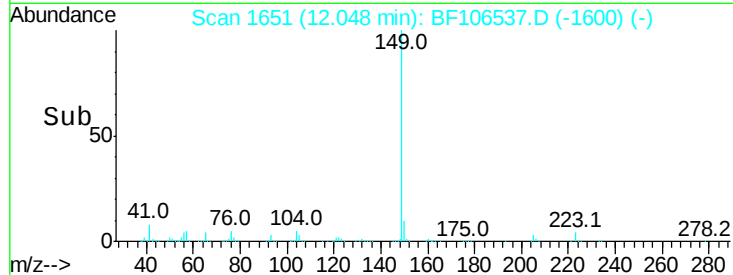
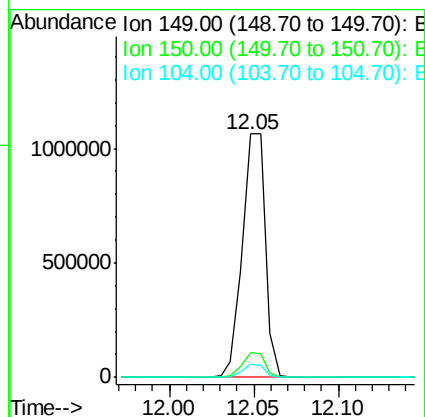
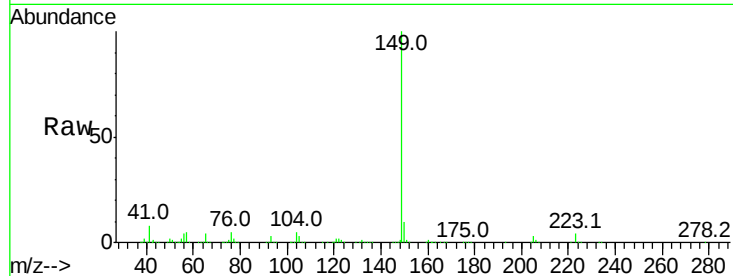
#73
Di-n-butylphthalate
Concen: 43.091 ng
RT: 12.05 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	5.3	3.8	5.8

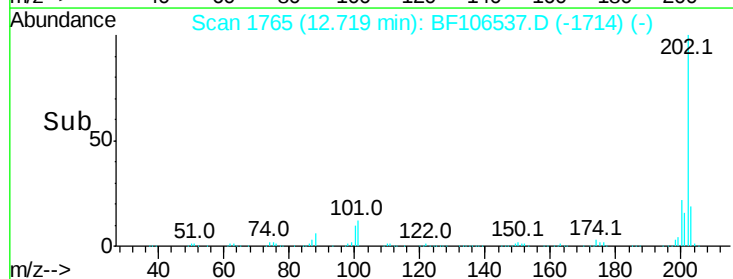
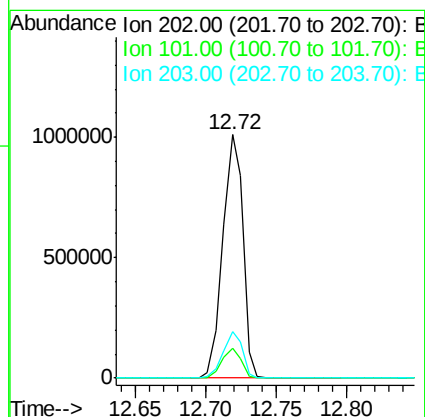
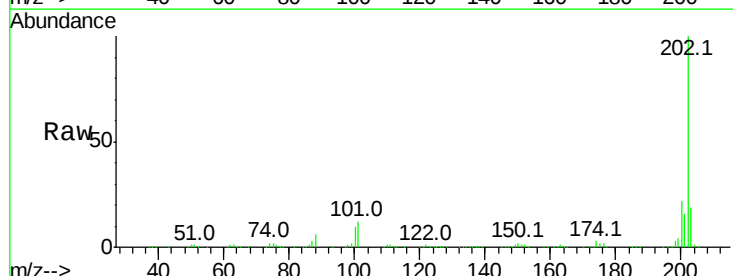
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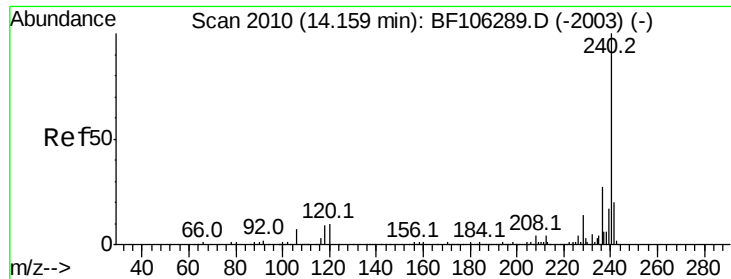
Sohil
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#74
Fluoranthene
Concen: 41.274 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	18.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

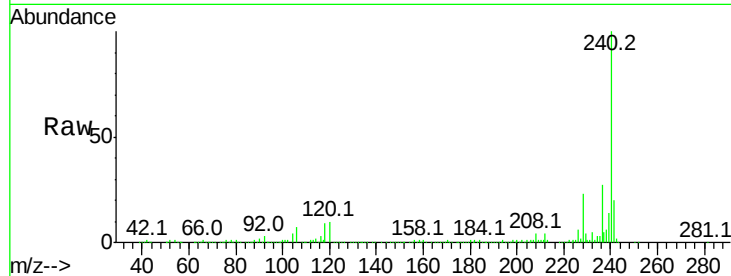
ClientSampleId :

PB110319BS

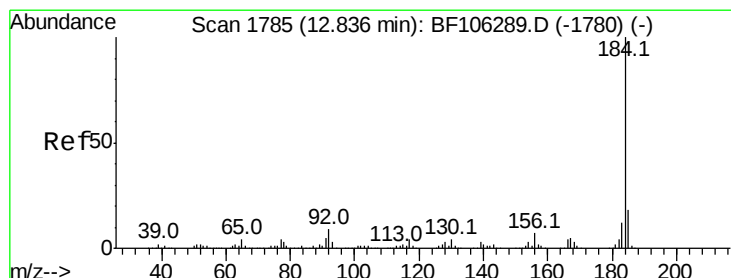
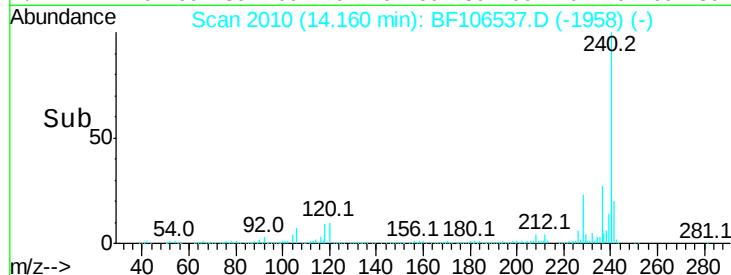
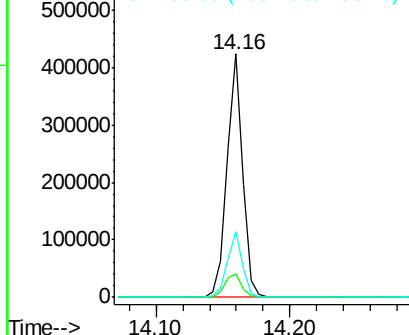
Tot Ion:	240	Resp:	351433
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.5	14.3
236	26.8	20.7	31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.717 ng

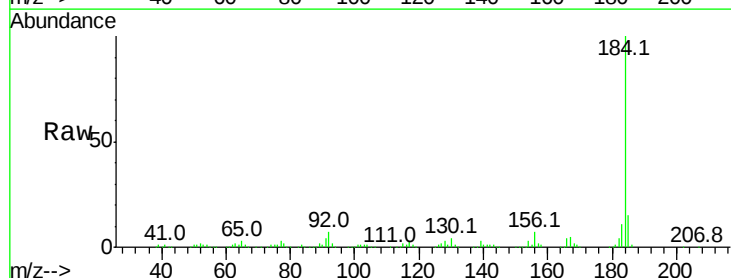
RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

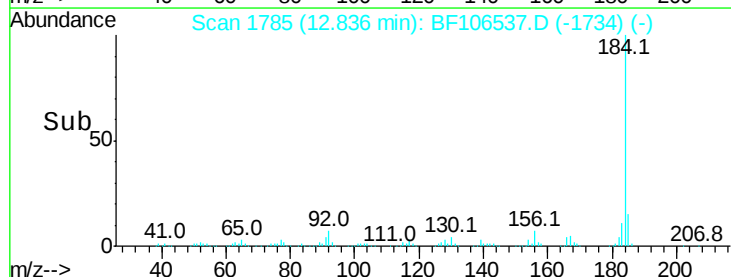
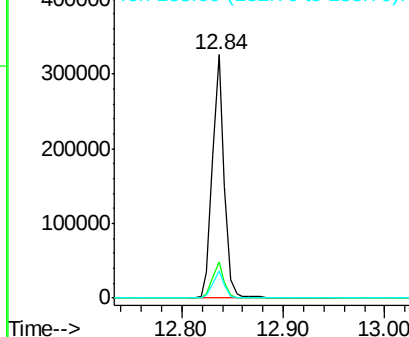
Lab File: BF106537.D

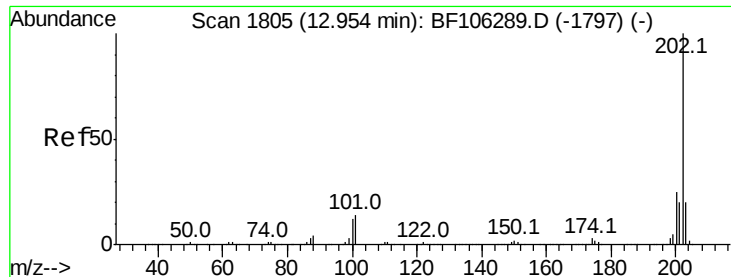
Acq: 18 Jun 2018 14:39

Tgt Ion:	184	Resp:	265704
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.6	18.8
183	11.4	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.546 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

PB110319BS

Tot Ion:202 Resp: 1002108

Ion Ratio Lower Upper

202 100

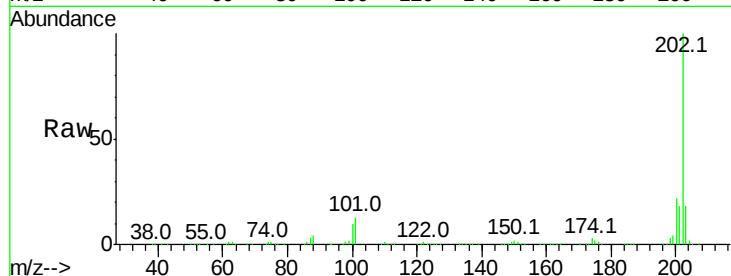
200 22.4 17.4 26.2

203 18.2 14.3 21.5

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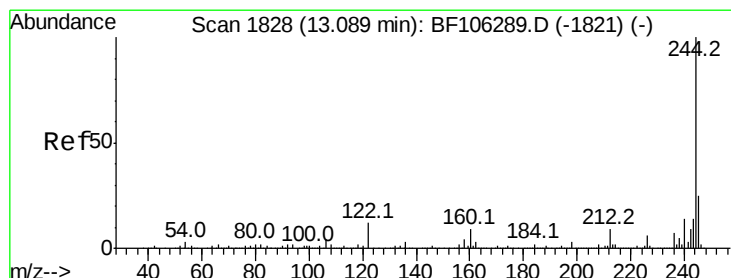
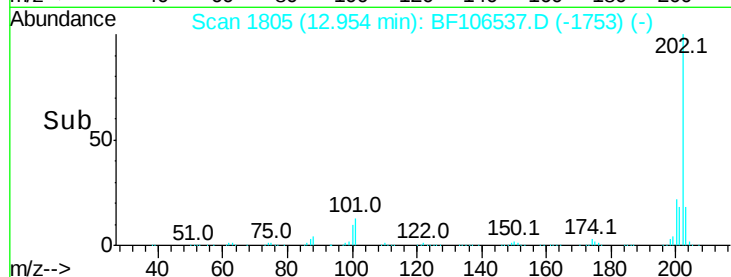
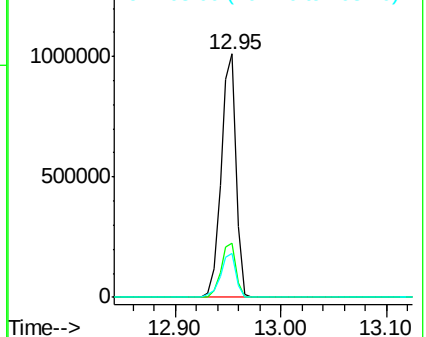
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 96.116 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

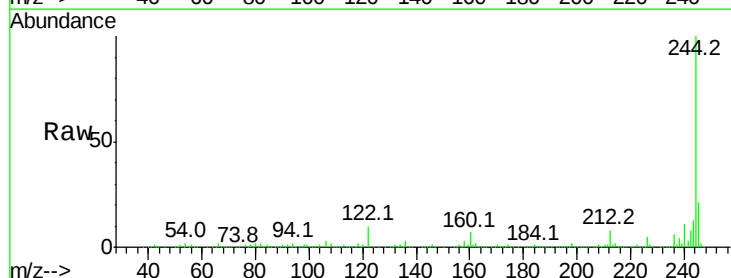
Tgt Ion:244 Resp: 1359960

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

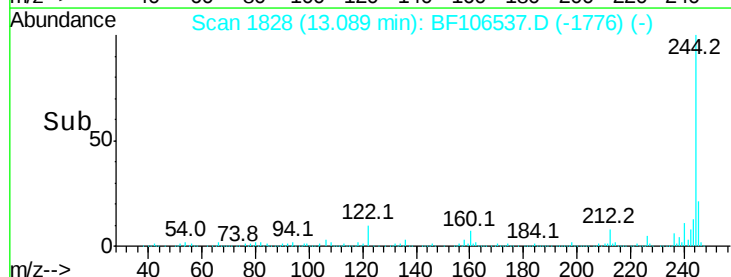
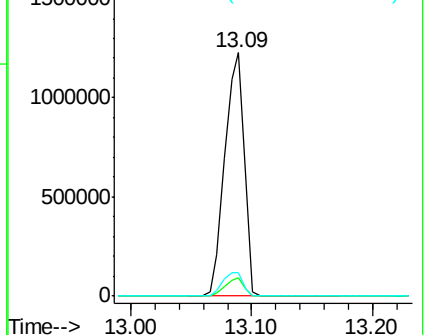
122 9.9 11.0 16.4#

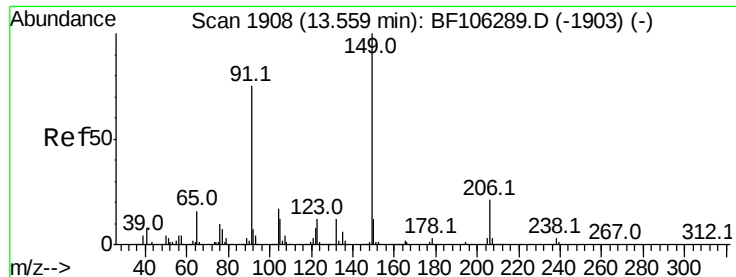


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





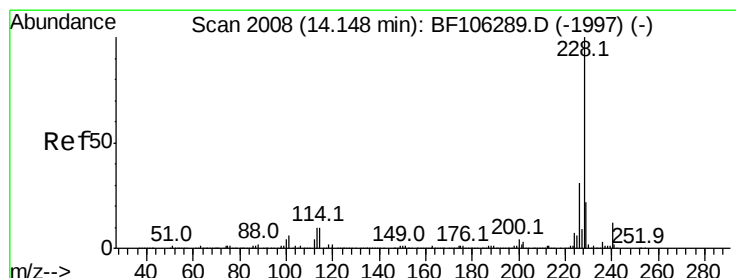
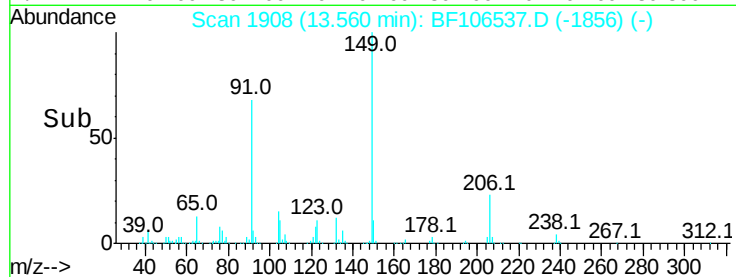
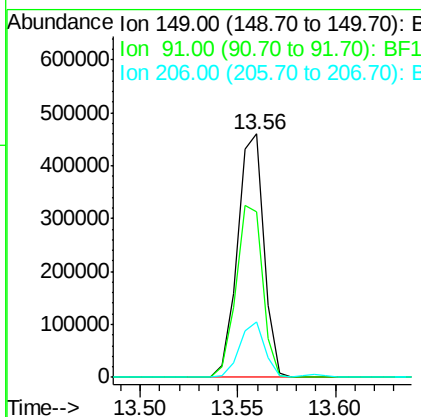
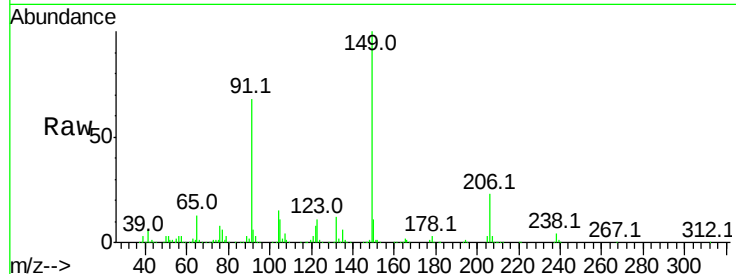
#79
Butylbenzylphthalate
Concen: 52.260 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	67.9	56.8	85.2	
206	22.7	14.1	21.1	

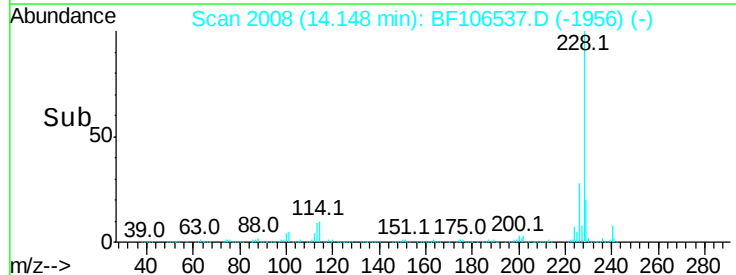
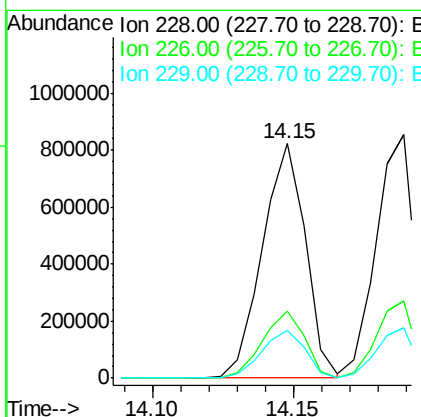
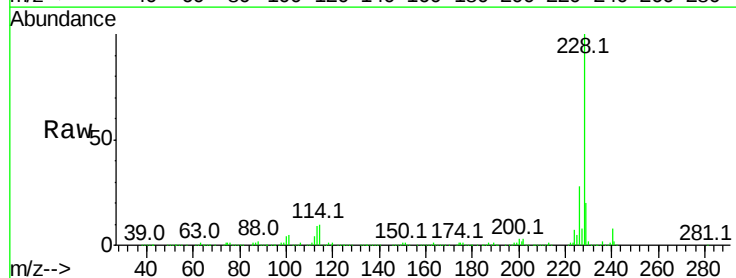
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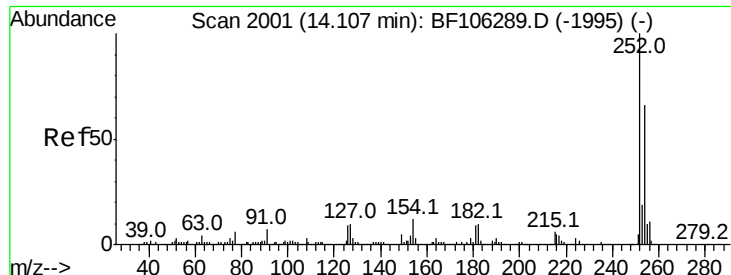
Sohil
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#80
Benzo(a)anthracene
Concen: 41.519 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.5	22.6	33.8	
229	20.3	15.8	23.6	





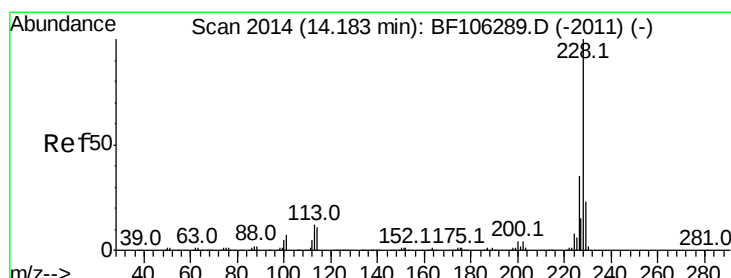
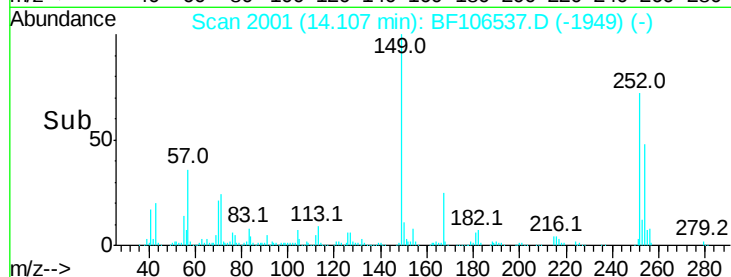
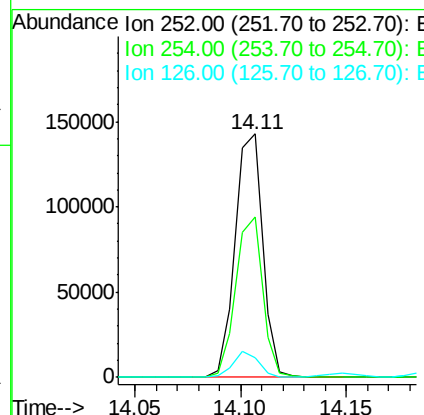
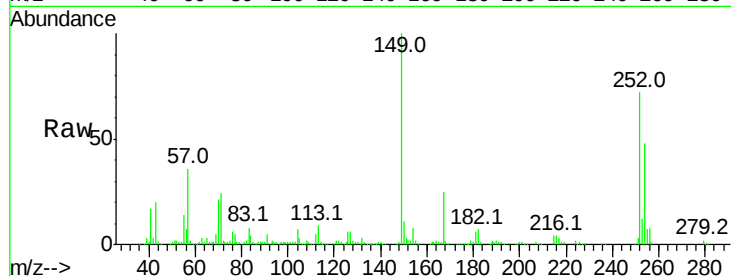
#81
 3,3'-Dichlorobenzidine
 Concen: 18.252 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.9	50.4	75.6
126	8.2	11.3	16.9

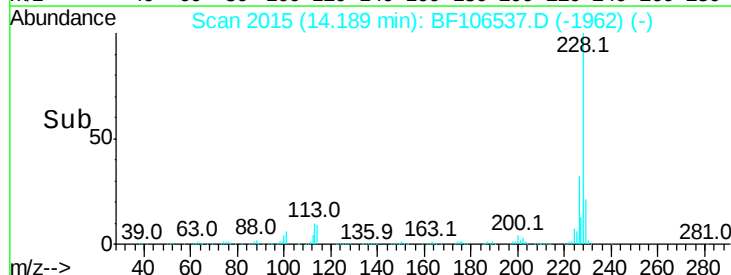
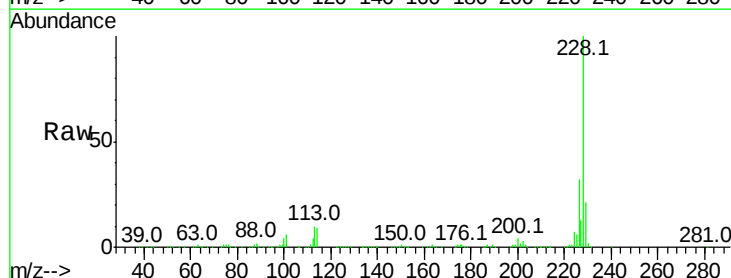
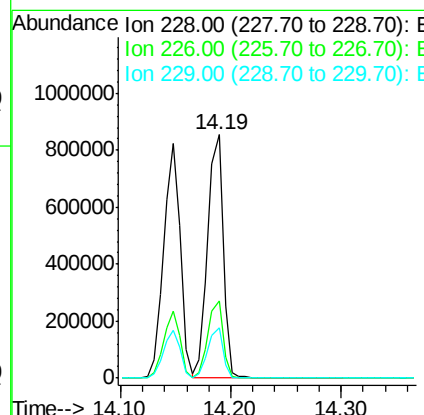
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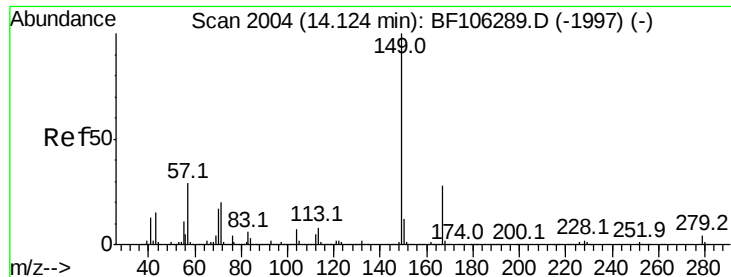
Sohil
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#82
 Chrysene
 Concen: 42.430 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.388 ng

RT: 14.12 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

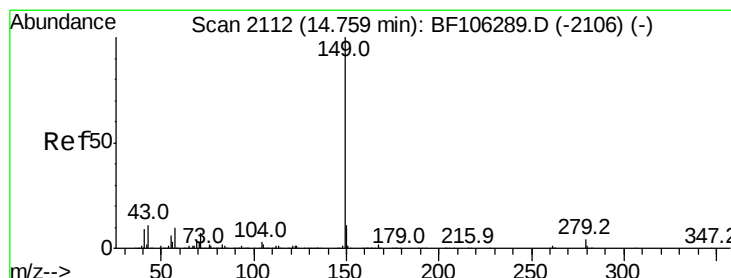
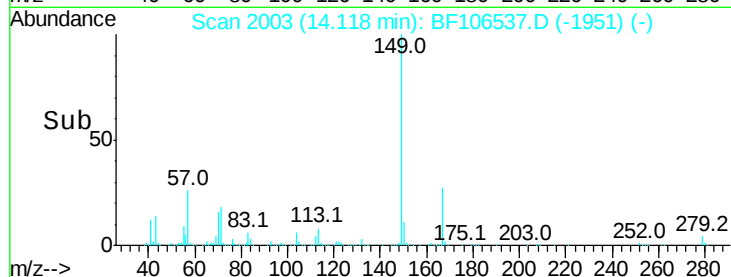
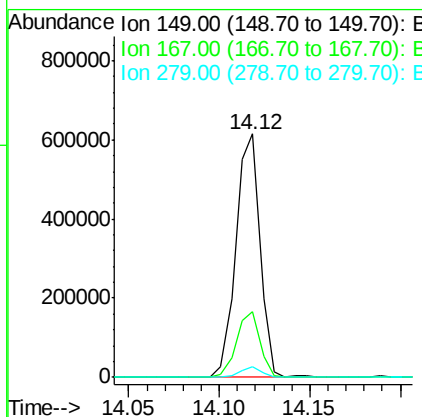
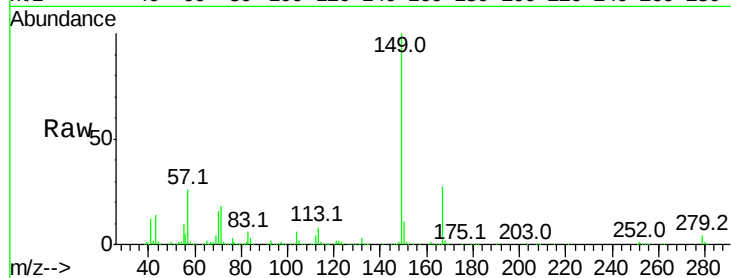
ClientSampleId :

PB110319BS

Tot Ion:	149	Resp:	571395
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.3	31.9
279	4.4	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 47.562 ng

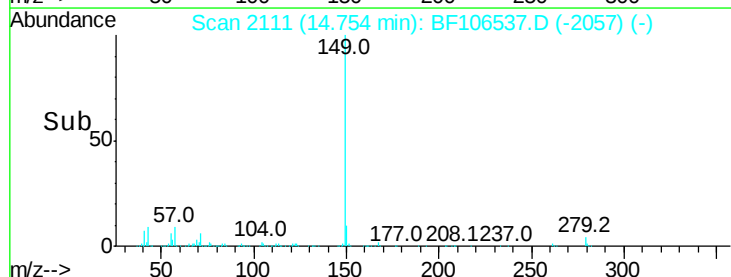
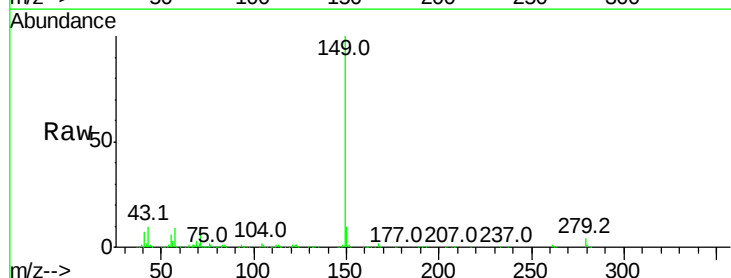
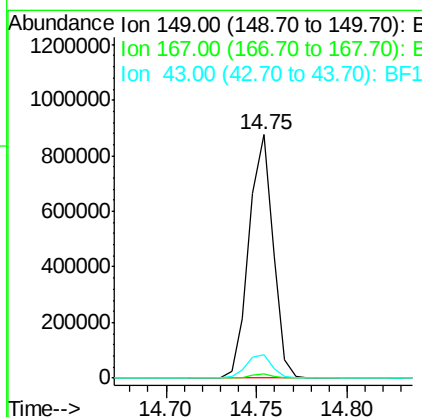
RT: 14.75 min Scan# 2111

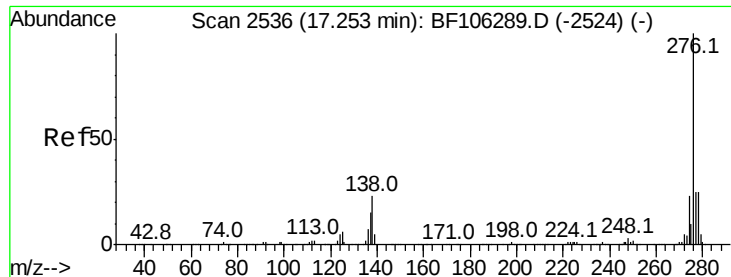
Delta R.T. 0.02 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion:	149	Resp:	809692
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.9	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.544 ng

RT: 17.28 min Scan# 2540

Delta R.T. 0.02 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

ClientSampleId :

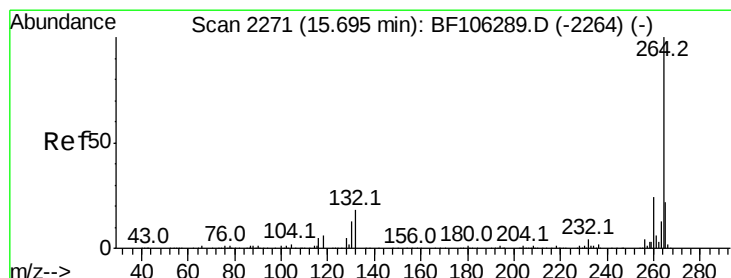
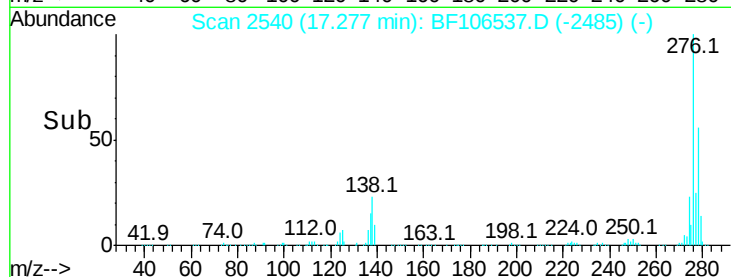
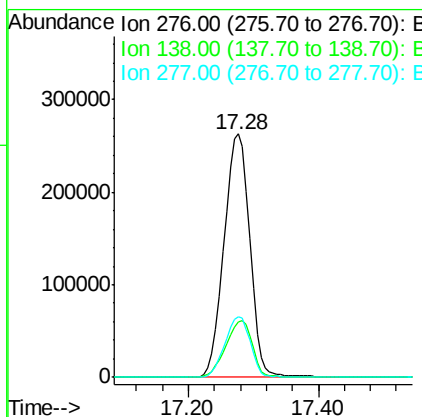
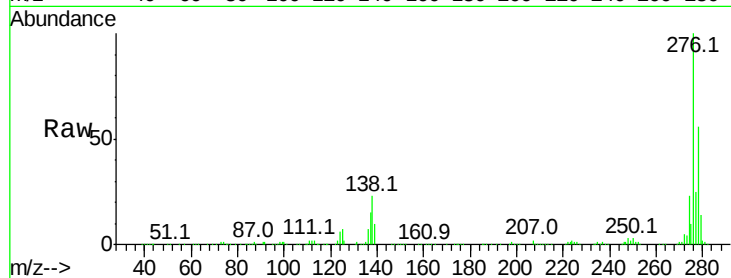
PB110319BS

Tot Ion:	276	Resp:	724513
Ion Ratio	Lower	Upper	
276	100		
138	24.0	25.0	37.6#
277	24.7	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

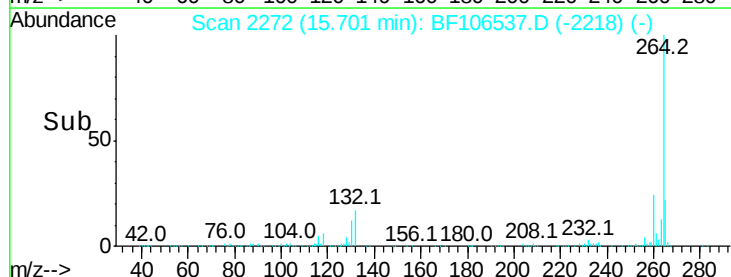
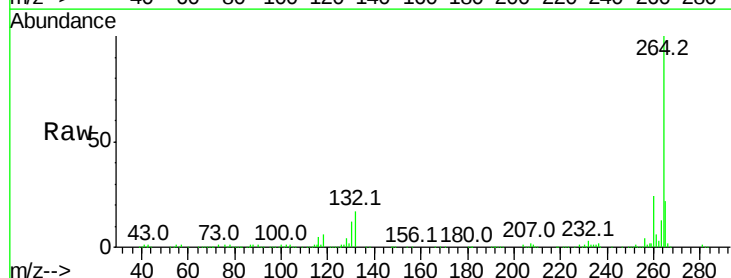
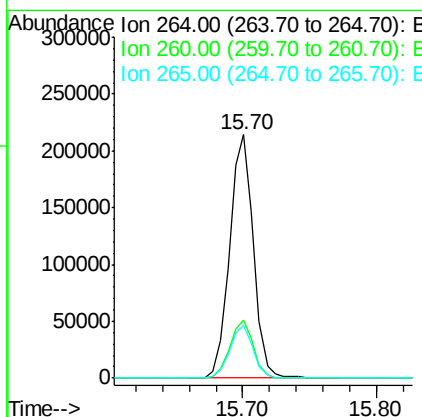
RT: 15.70 min Scan# 2272

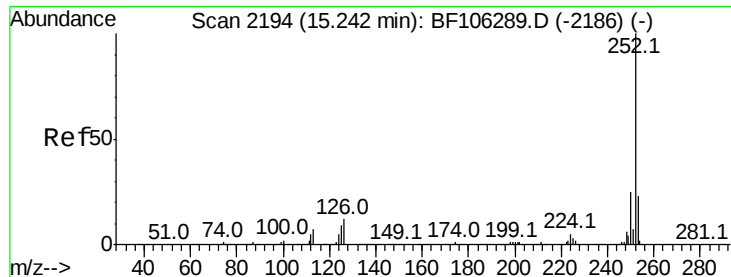
Delta R.T. 0.02 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion:	264	Resp:	266831
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 41.291 ng

RT: 15.24 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Instrument :

BNA_F

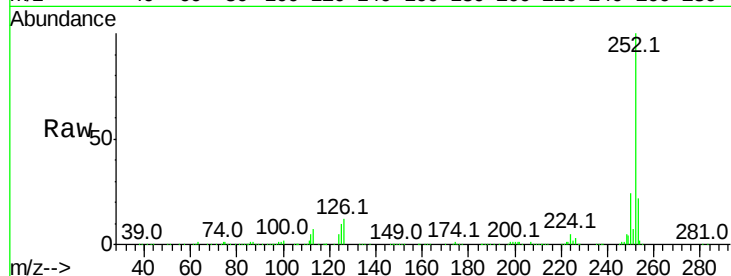
ClientSampleId :

PB110319BS

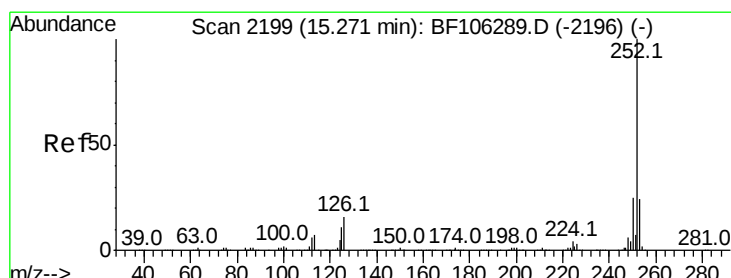
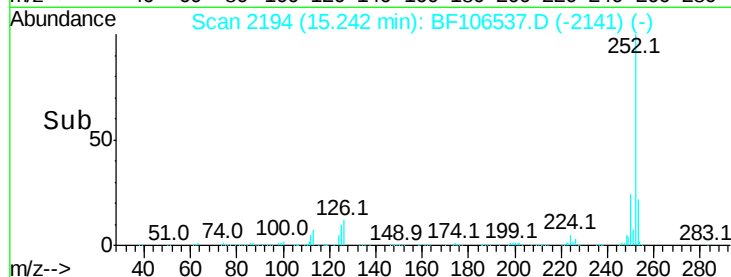
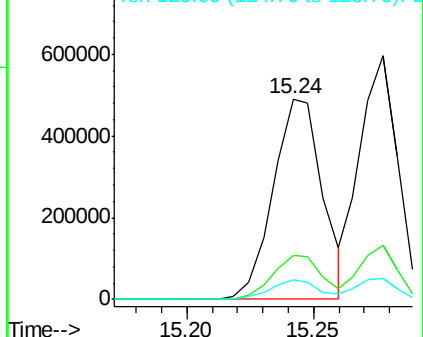
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	10.0	9.0	13.6

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



#88

Benzo(k)fluoranthene

Concen: 39.674 ng

RT: 15.28 min Scan# 2200

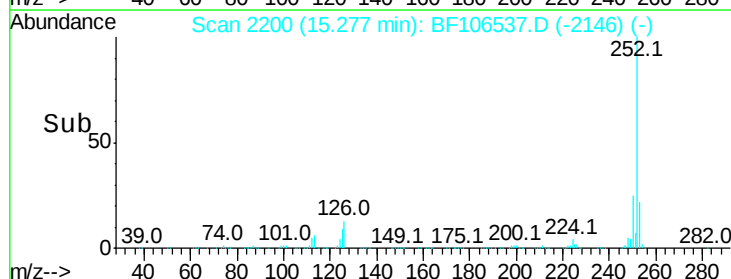
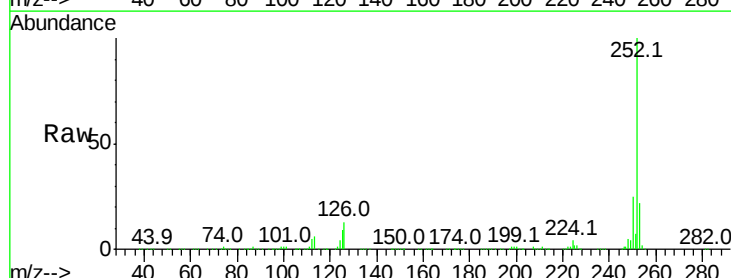
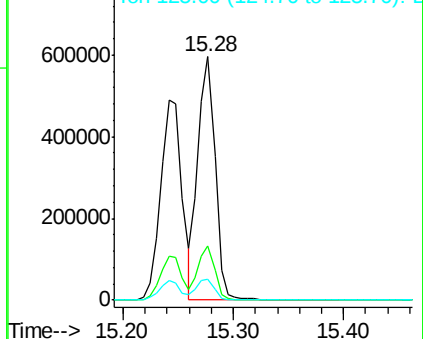
Delta R.T. 0.02 min

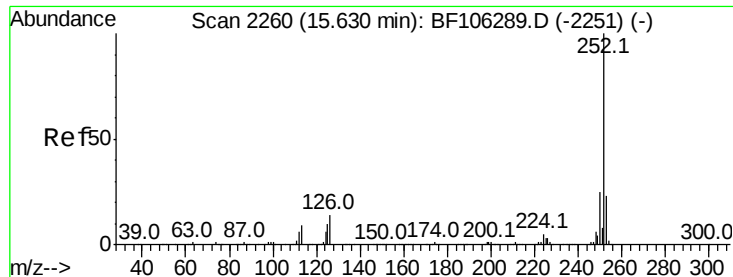
Lab File: BF106537.D

Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	8.7	10.2	15.2#

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





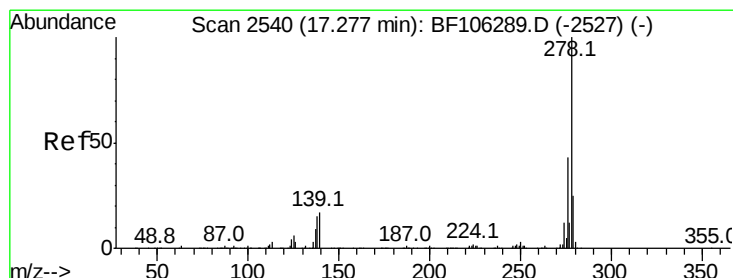
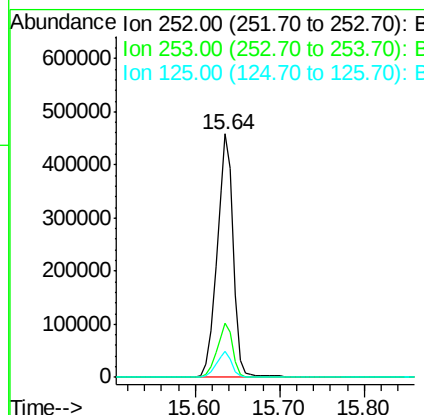
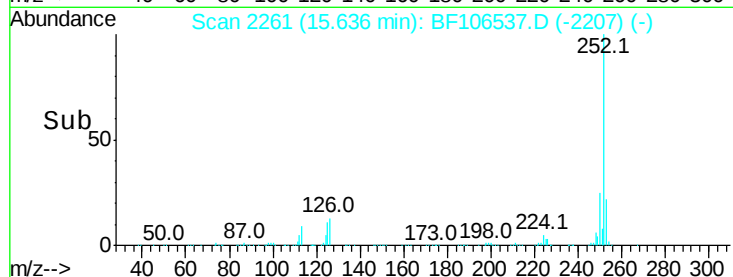
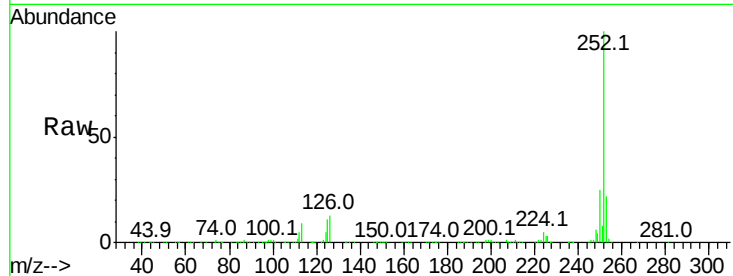
#89
Benzo(a)pyrene
Concen: 42.719 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.02 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	10.9	9.8	14.6

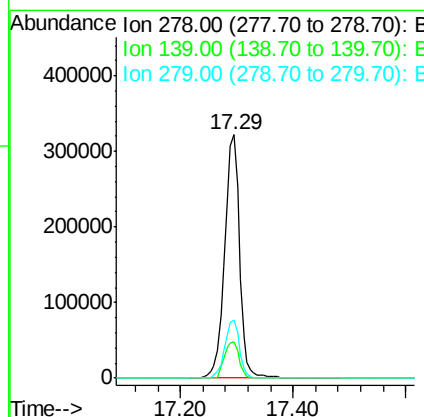
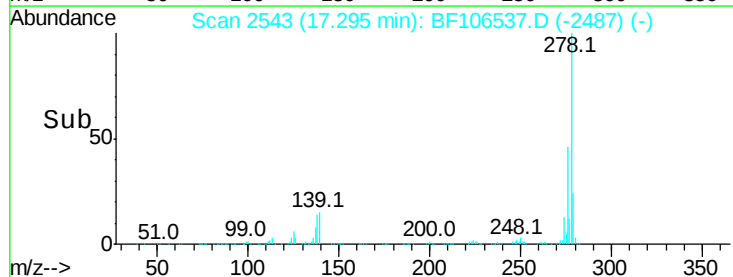
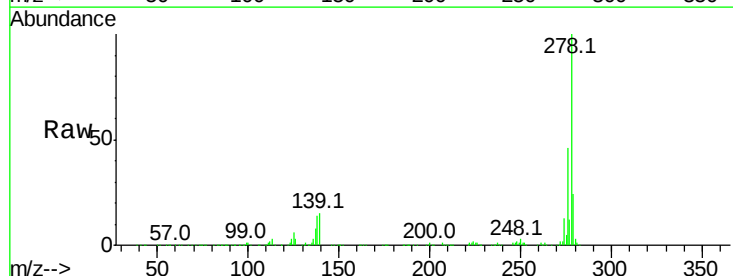
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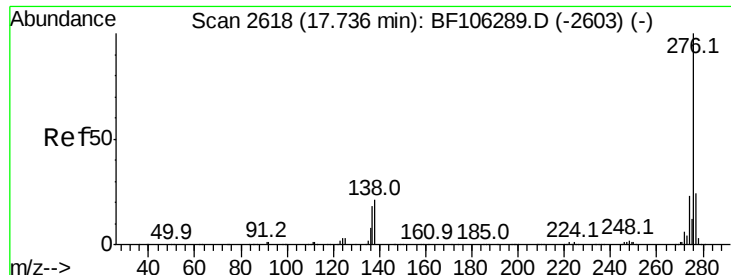
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 49.035 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.03 min
Lab File: BF106537.D
Acq: 18 Jun 2018 14:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	15.9	23.9#
279	23.6	19.0	28.4





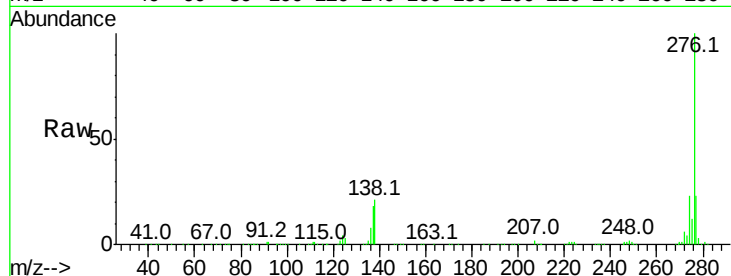
#91
 Benzo(a,h,i)perylene
 Concen: 53.279 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.03 min
 Lab File: BF106537.D
 Acq: 18 Jun 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110319BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	21.1	21.8	32.8

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

