

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106531.D
 Acq On : 18 Jun 2018 11:58
 Operator : JU/SJ
 Sample : PB110266BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Manual Integrations
 APPROVED

Sohil
 6/19/2018 5:59:37 PM

Quant Time: Jun 19 02:28:31 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	106654	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	441753	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	218556	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	444395	20.00	ng	0.00
75) Chrysene-d12	14.17	240	357782	20.00	ng	0.02
86) Perylene-d12	15.72	264	279636	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	560483	88.94	ng	0.00
7) Phenol-d6	6.61	99	687164	86.31	ng	0.00
23) Nitrobenzene-d5	7.53	82	559679	74.53	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	218380	103.85	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1024959	82.51	ng	0.00
78) Terphenyl-d14	13.09	244	1179929	81.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	133262	40.862	ng	95
3) Pyridine	3.67	79	371923	40.923	ng	98
4) n-Nitrosodimethylamine	3.63	42	163271	39.215	ng	95
6) Aniline	6.63	93	346302	29.788	ng	# 71
8) 2-Chlorophenol	6.76	128	304004	44.861	ng	97
9) Benzaldehyde	6.52	77	172032	28.488	ng	98
10) Phenol	6.62	94	389793	44.848	ng	75
11) bis(2-Chloroethyl)ether	6.70	93	313324	42.111	ng	97
12) 1,3-Dichlorobenzene	6.91	146	348313	43.672	ng	98
13) 1,4-Dichlorobenzene	6.98	146	352598	43.565	ng	99
14) 1,2-Dichlorobenzene	7.14	146	327645	43.003	ng	99
15) Benzyl Alcohol	7.11	79	286593	42.034	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	475162	44.551	ng	83
17) 2-Methylphenol	7.22	107	259873	42.982	ng	# 93
18) Hexachloroethane	7.48	117	126715	43.939	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	214679	35.942	ng	96
20) 3+4-Methylphenols	7.38	107	314436	40.667	ng	# 75
22) Acetophenone	7.37	105	416428	37.406	ng	# 93
24) Nitrobenzene	7.55	77	352258	43.160	ng	95
25) Isophorone	7.78	82	643032	43.842	ng	97
26) 2-Nitrophenol	7.87	139	168549	53.204	ng	97
27) 2,4-Dimethylphenol	7.90	122	285016	45.902	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	402160	42.286	ng	98
29) 2,4-Dichlorophenol	8.11	162	273446	45.648	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	283821	42.256	ng	96
31) Naphthalene	8.27	128	863135	43.222	ng	99
32) Benzoic acid	8.02	122	141426	33.480	ng	92
33) 4-Chloroaniline	8.32	127	219035	24.751	ng	99
34) Hexachlorobutadiene	8.38	225	184004	42.642	ng	100
35) Caprolactam	8.69	113	86869m	42.873	ng	
36) 4-Chloro-3-methylphenol	8.81	107	289634	43.710	ng	98
37) 2-Methylnaphthalene	8.97	142	606978	44.626	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	301796	42.537	ng	98
40) Hexachlorocyclopentadiene	9.11	237	353600	90.331	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	206870	45.753	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	213314	43.763	nq	94
45) 1,1'-Biphenyl	9.43	154	716330	42.316	nq	98
46) 2-Chloronaphthalene	9.45	162	571074	42.155	nq	97
47) 2-Nitroaniline	9.55	65	198356	46.544	nq	93
48) Acenaphthylene	9.87	152	908666	43.822	nq	99
49) Dimethylphthalate	9.72	163	675294	43.248	nq	99
50) 2,6-Dinitrotoluene	9.80	165	150564	47.205	nq	92
51) Acenaphthene	10.05	154	535939	40.022	nq	100
52) 3-Nitroaniline	9.97	138	106876	28.232	nq	98
53) 2,4-Dinitrophenol	10.07	184	130116	87.900	nq #	20
54) Dibenzofuran	10.22	168	775731	43.019	nq	97
55) 4-Nitrophenol	10.15	139	206113	71.033	nq	91
56) 2,4-Dinitrotoluene	10.20	165	204153	50.971	nq	91
57) Fluorene	10.56	166	602591	42.178	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	177185	45.864	nq #	84
59) Diethylphthalate	10.42	149	651604	42.043	nq	96
60) 4-Chlorophenyl-phenylether	10.55	204	313736	41.751	nq	91
61) 4-Nitroaniline	10.58	138	159639	43.343	nq	97
62) Azobenzene	10.71	77	684071	42.330	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	103738	43.893	nq	85
65) n-Nitrosodiphenylamine	10.67	169	574370	38.457	nq	95
66) 4-Bromophenyl-phenylether	11.04	248	217429	43.017	nq #	84
67) Hexachlorobenzene	11.11	284	225043	43.187	nq #	88
68) Atrazine	11.20	200	197334	42.874	nq	96
69) Pentachlorophenol	11.31	266	185693	57.881	nq	98
70) Phenanthrene	11.53	178	898291	41.275	nq	98
71) Anthracene	11.58	178	936207	42.939	nq	98
72) Carbazole	11.74	167	812875	40.383	nq	98
73) Di-n-butylphthalate	12.05	149	982281	43.846	nq	99
74) Fluoranthene	12.72	202	987805	42.560	nq	99
76) Benzidine	12.84	184	501480	42.115	nq	98
77) Pyrene	12.95	202	996479	44.487	nq	97
79) Butylbenzylphthalate	13.56	149	427513	50.988	nq #	96
80) Benzo(a)anthracene	14.16	228	905682	42.538	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	196011	27.286	nq #	96
82) Chrysene	14.19	228	819987	42.182	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	572668	47.635	nq	100
84) Di-n-octyl phthalate	14.77	149	850757	49.087	nq	99
85) Indeno(1,2,3-cd)pyrene	17.30	276	710833	45.819	nq #	93
87) Benzo(b)fluoranthene	15.27	252	680460	40.255	nq	96
88) Benzo(k)fluoranthene	15.29	252	677127	40.447	nq	97
89) Benzo(a)pyrene	15.66	252	643013	42.292	nq #	97
90) Dibenzo(a,h)anthracene	17.32	278	582331	45.941	nq #	95
91) Benzo(g,h,i)perylene	17.78	276	615202	49.941	nq #	91

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

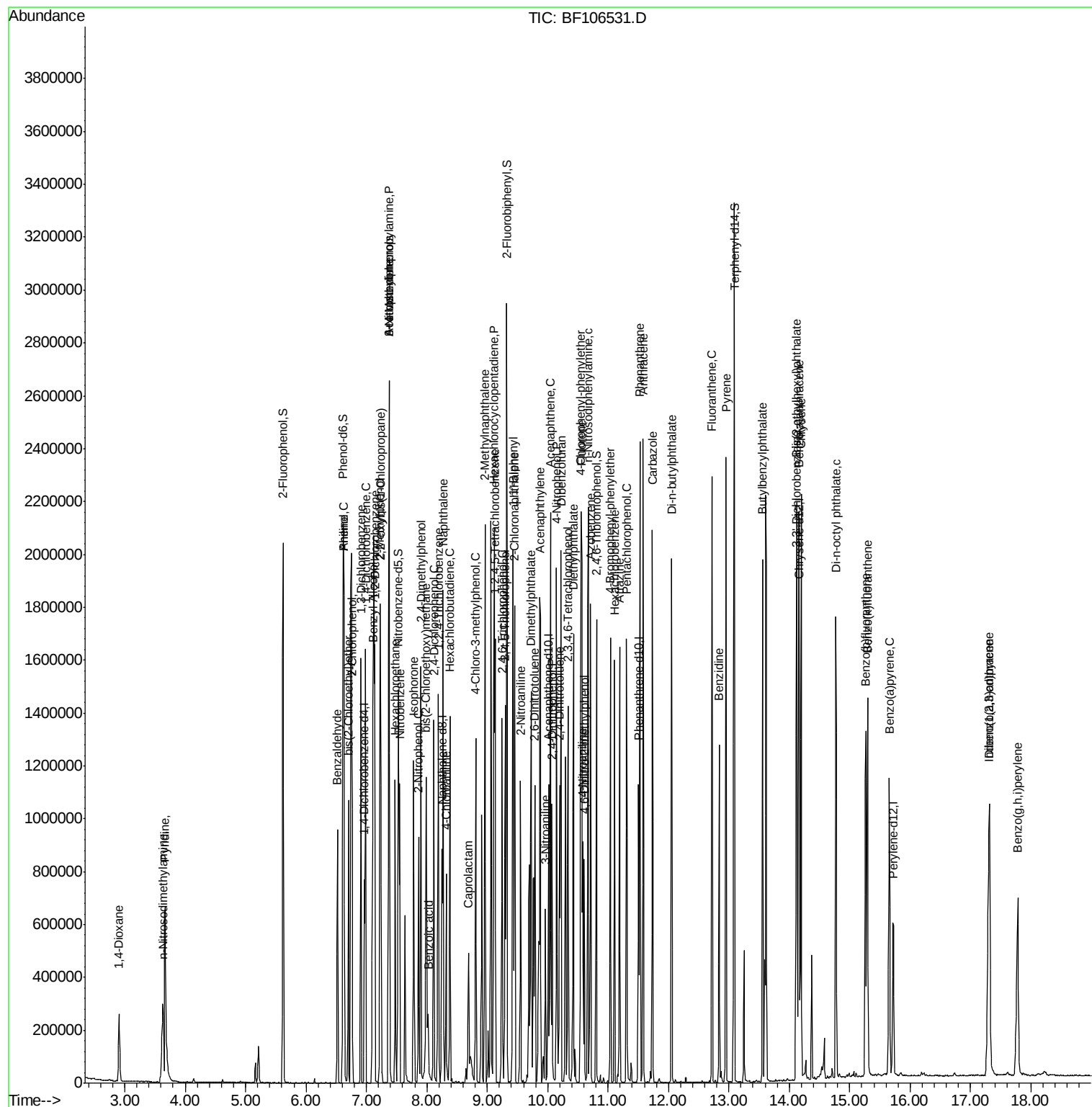
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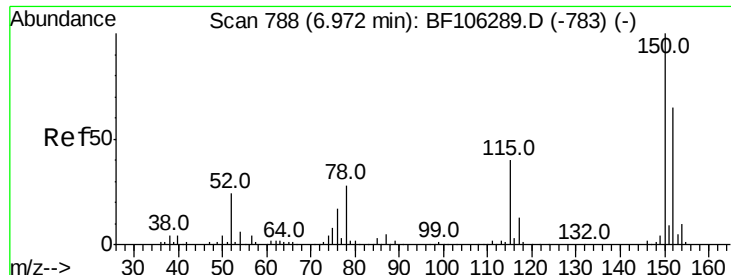
Instrument :
BNA_F
Client Sample ID :
PB110266BSD

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#1

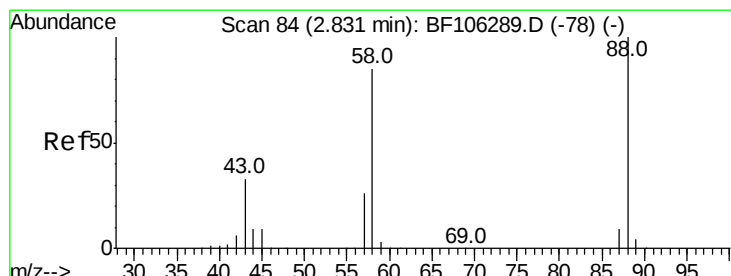
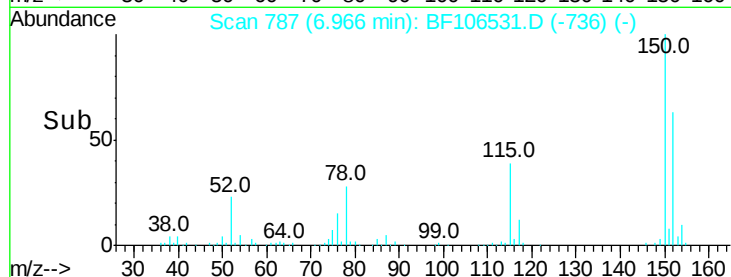
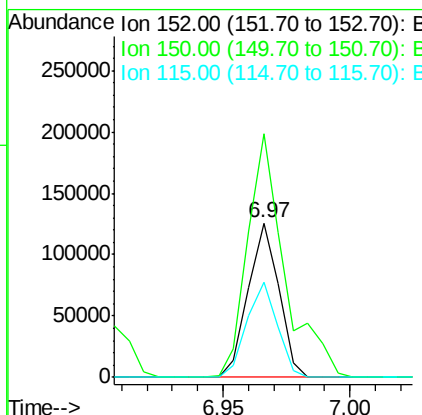
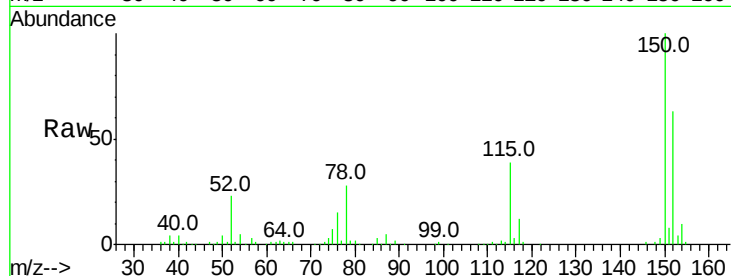
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampled :
PB110266BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	61.9	50.1	75.1

Manual Integrations
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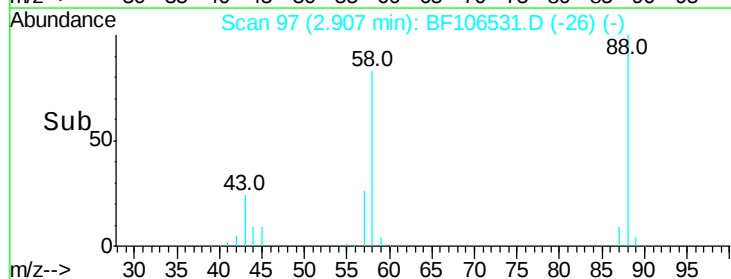
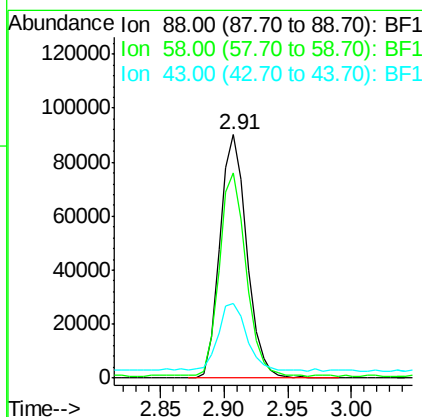
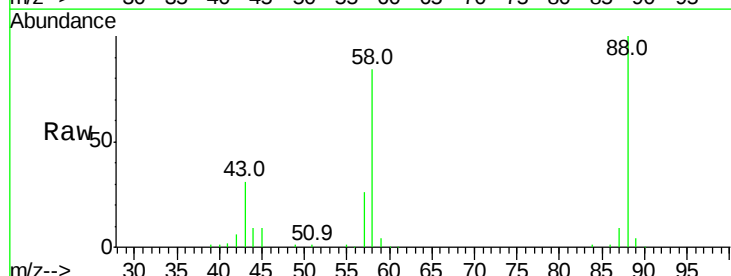
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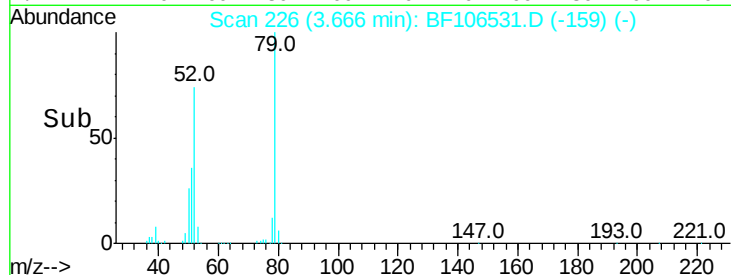
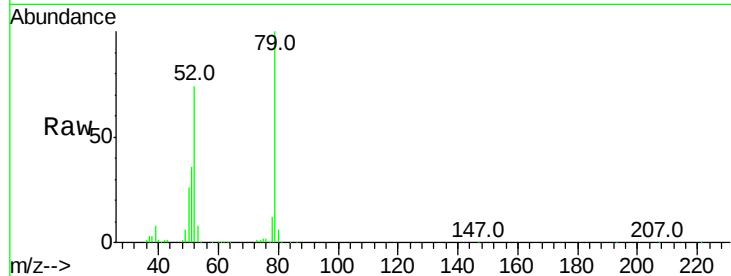
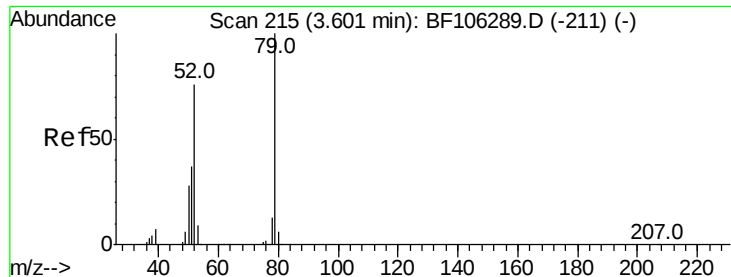


#2

1,4-Dioxane
Concen: 40.862 ng
RT: 2.91 min Scan# 97
Delta R.T. 0.12 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.4	62.6	93.8
43	29.6	24.6	37.0





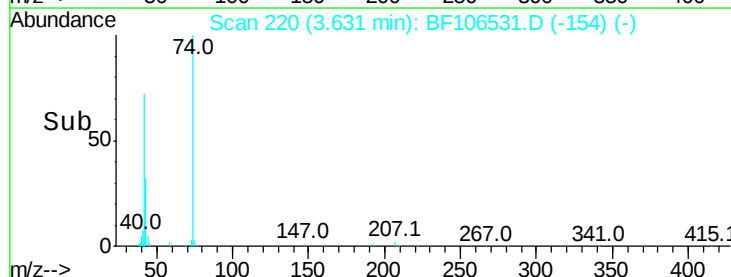
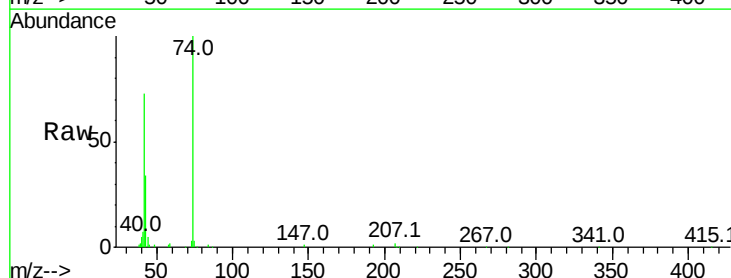
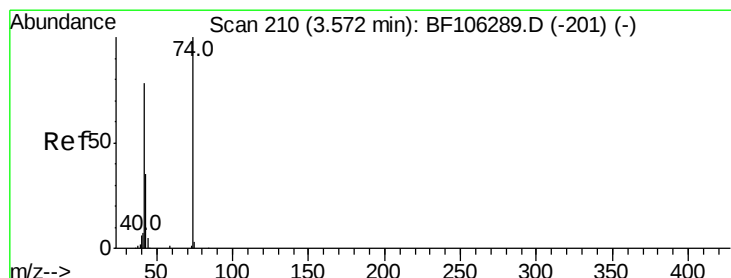
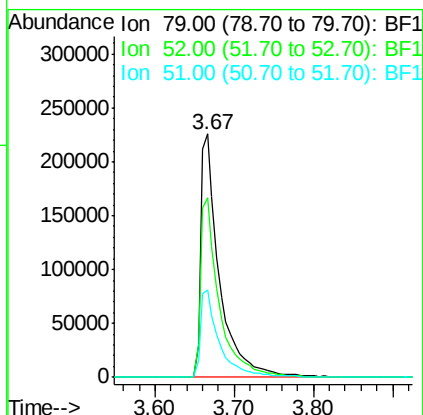
#3
Pvridine
Concen: 40.923 ng
RT: 3.67 min Scan# 226
Delta R.T. 0.09 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.6	59.8	89.6
51	36.0	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

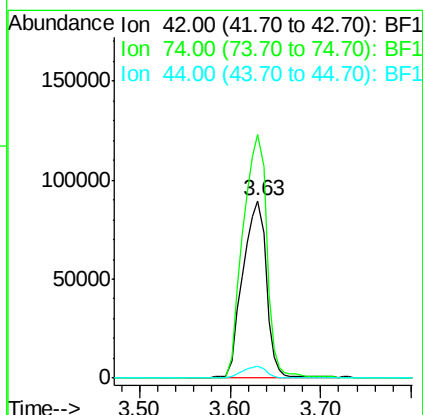
Manual Integrations
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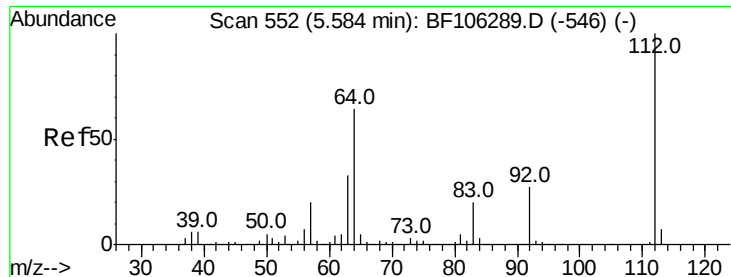
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#4
n-Nitrosodimethylamine
Concen: 39.215 ng
RT: 3.63 min Scan# 220
Delta R.T. 0.09 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.5	104.9	157.3
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 88.943 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

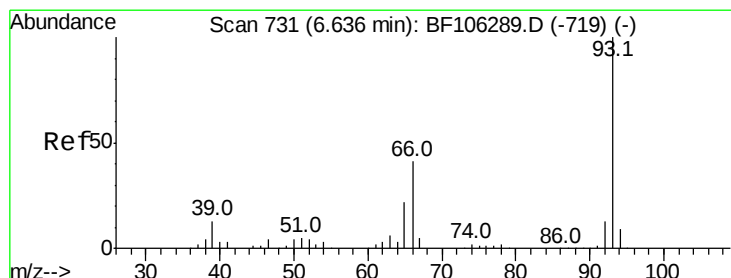
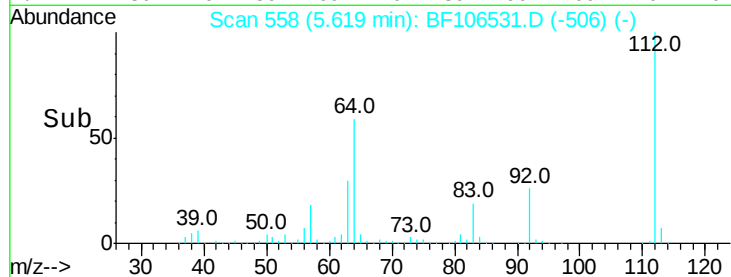
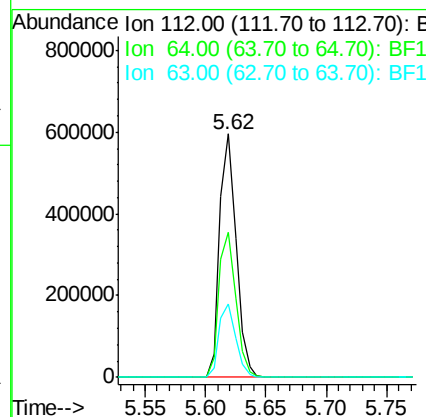
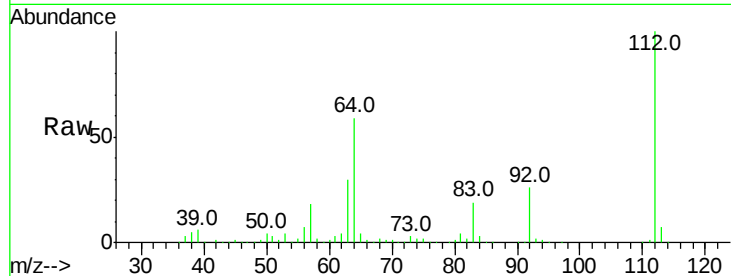
ClientSampleId :

PB110266BSD

Tot Ion:	112	Resp:	560483
Ion Ratio		Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.3	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 29.788 ng

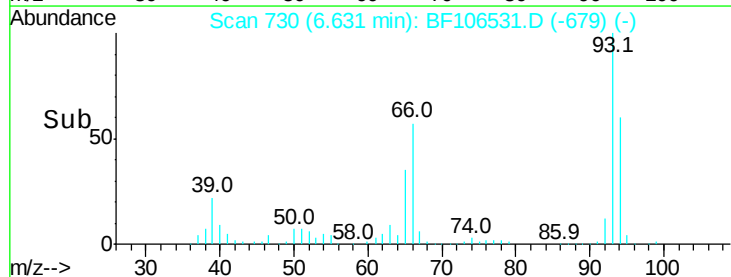
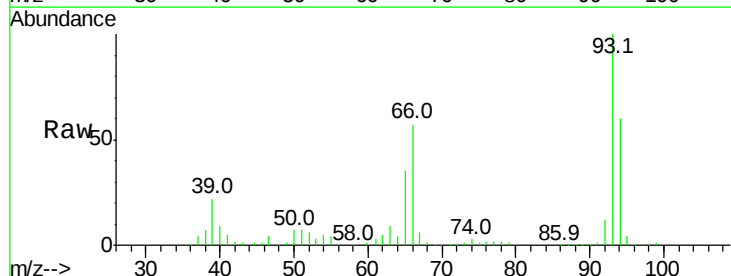
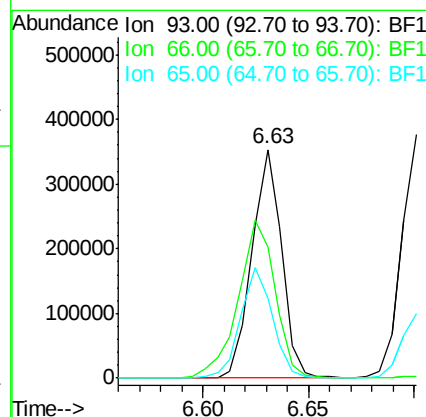
RT: 6.63 min Scan# 730

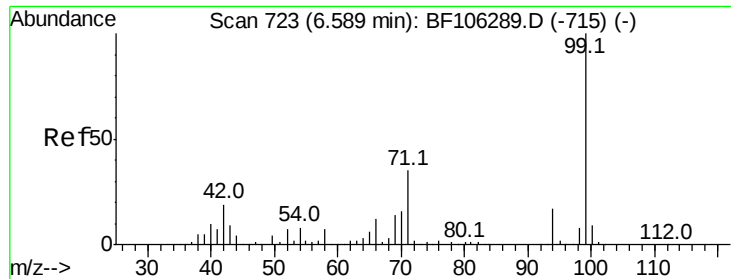
Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Tgt Ion:	93	Resp:	346302
Ion Ratio		Lower	Upper
93	100		
66	57.4	32.2	48.2#
65	35.1	16.4	24.6#





#7

Phenol-d6

Concen: 86.311 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

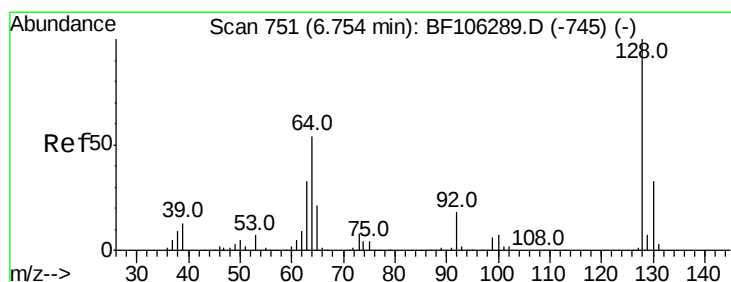
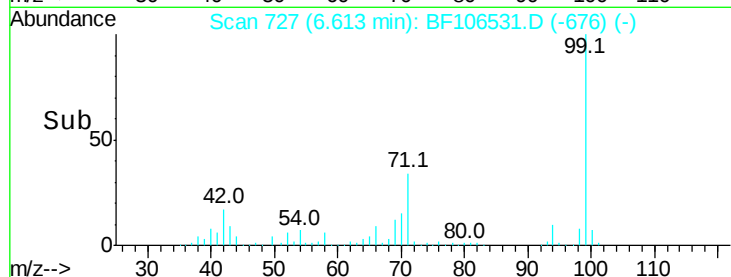
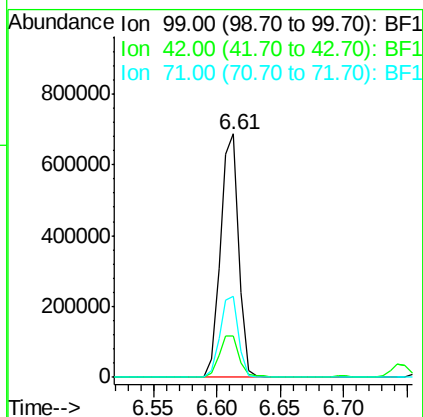
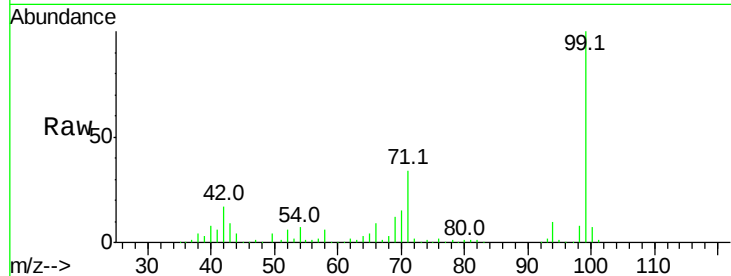
ClientSampleId :

PB110266BSD

Tot Ion:	99	Resp:	687164
Ion Ratio	Lower	Upper	
99	100		
42	16.8	14.5	21.7
71	33.5	25.4	38.0

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#8

2-Chlorophenol

Concen: 44.861 ng

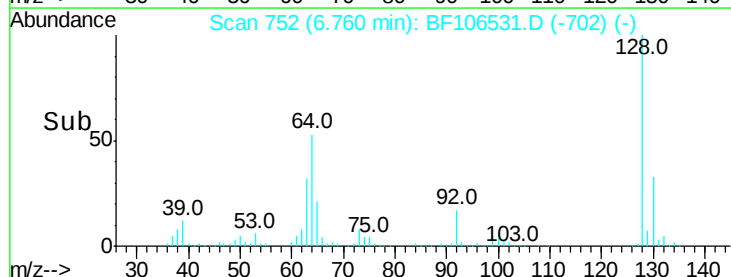
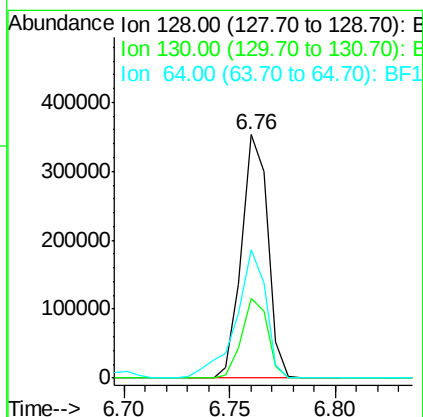
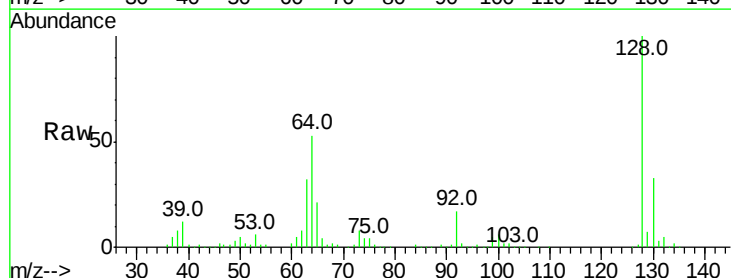
RT: 6.76 min Scan# 752

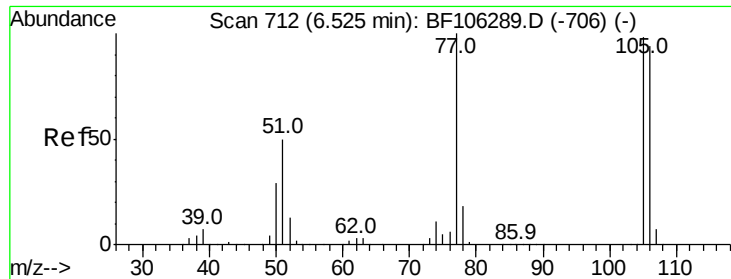
Delta R.T. -0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Tgt Ion:	128	Resp:	304004
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.0	53.0
64	52.7	29.4	69.4





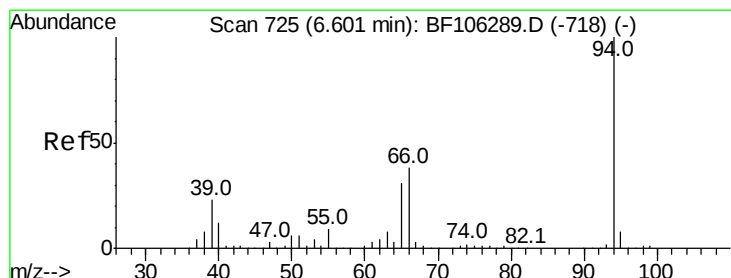
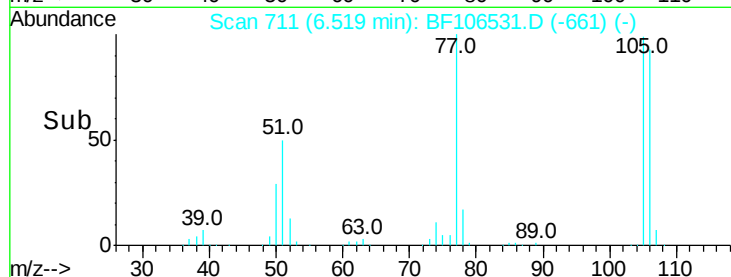
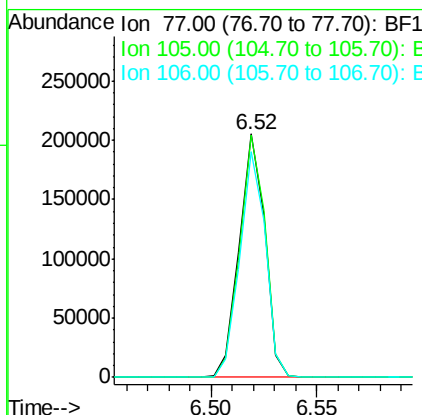
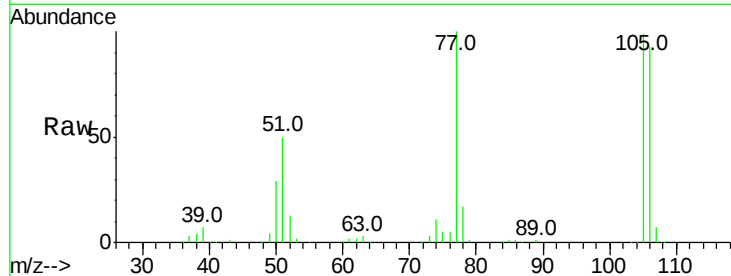
#9
Benzaldehyde
Concen: 28.488 ng
RT: 6.52 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF106531.D
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Instrument :
BNA_F
ClientSampleID :
PB110266BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.4	81.1	121.1
106	92.5	74.5	114.5

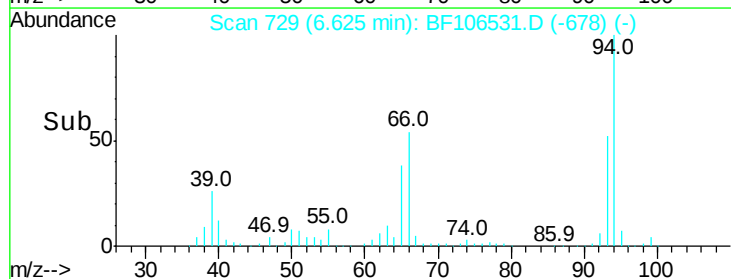
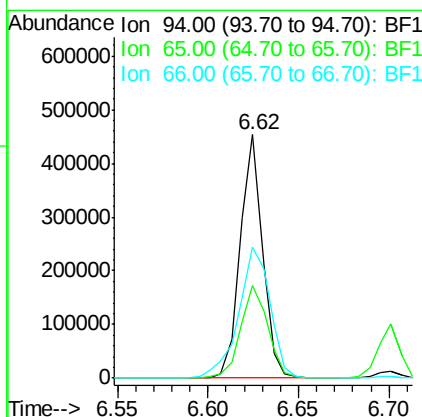
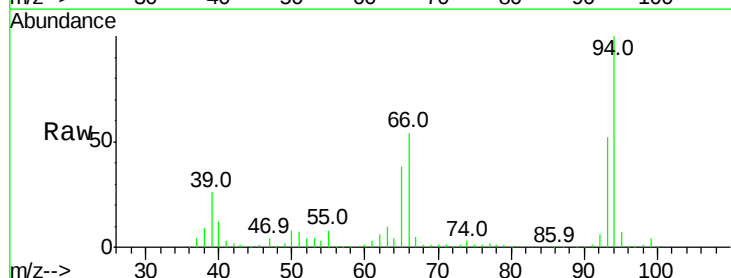
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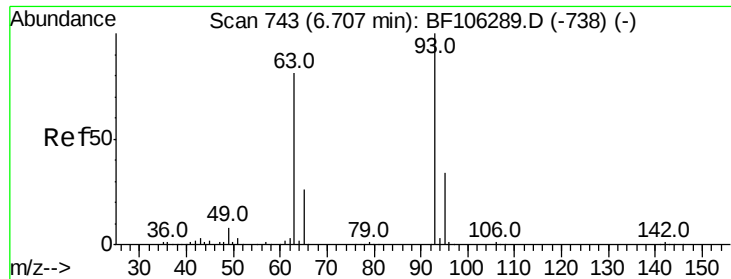
Sohil
6/19/2018 5:59:37 PM



#10
Phenol
Concen: 44.848 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.8	7.9	47.9
66	53.9	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 42.111 ng

RT: 6.70 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

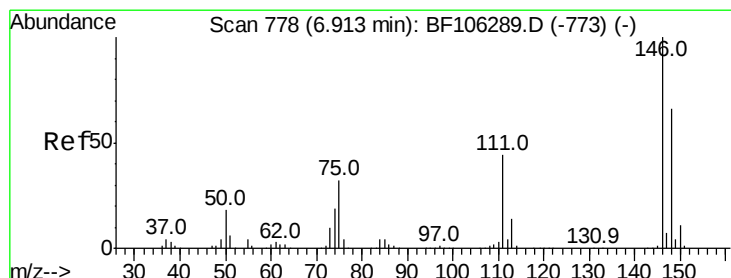
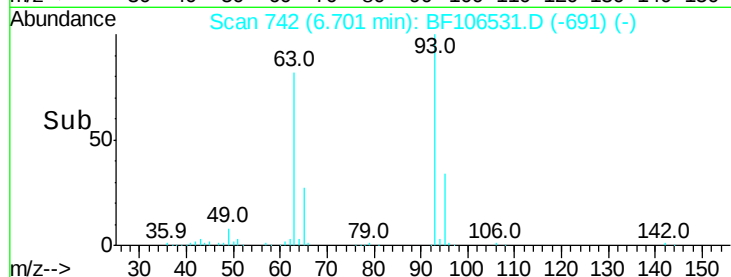
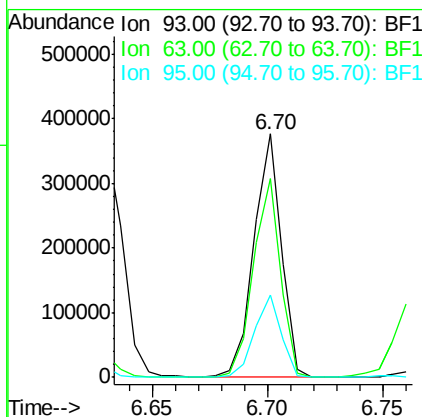
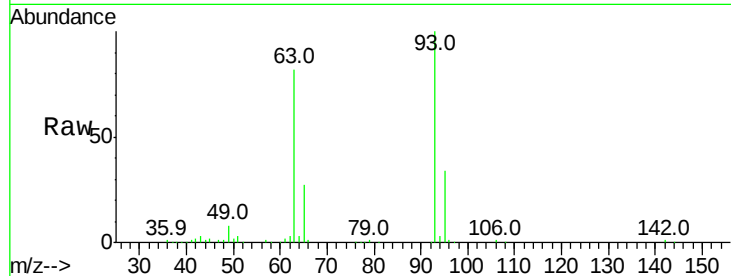
PB110266BSD

Tot Ion: 93 Resp: 313324

Ion	Ratio	Lower	Upper
93	100		
63	81.7	58.6	98.6
95	33.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 43.672 ng

RT: 6.91 min Scan# 777

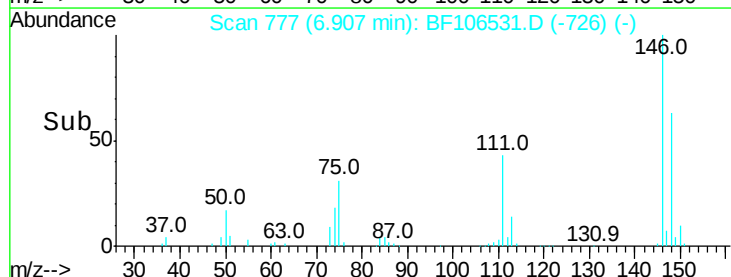
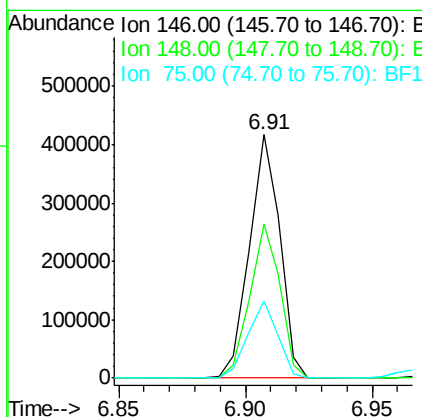
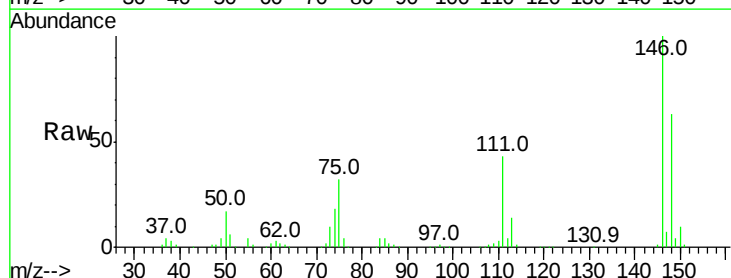
Delta R.T. 0.00 min

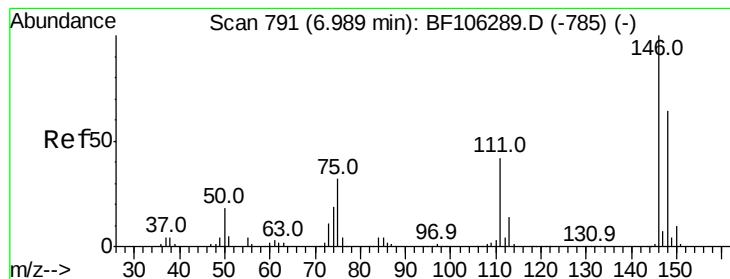
Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Tgt Ion: 146 Resp: 348313

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	31.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 43.565 ng

RT: 6.98 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

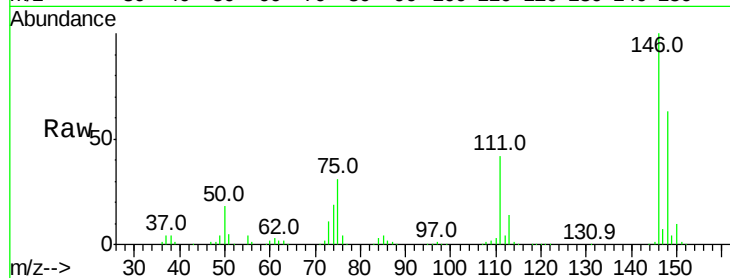
ClientSampleId :

PB110266BSD

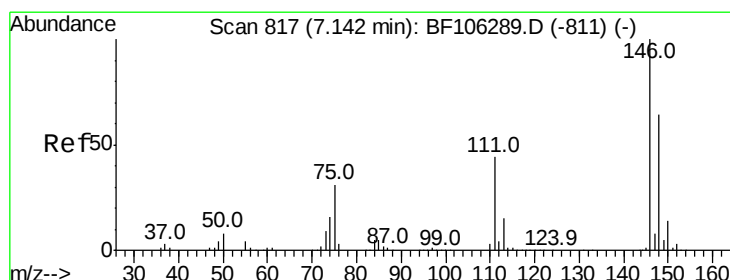
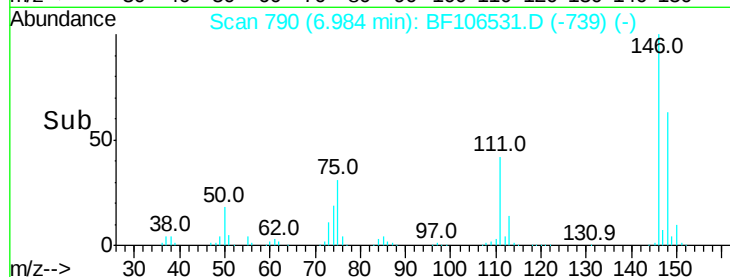
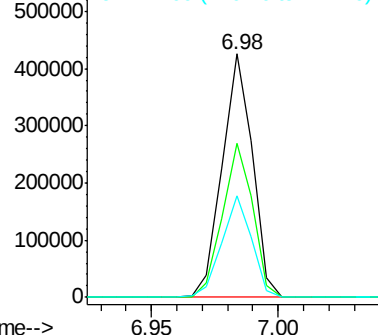
Tot Ion:	146	Resp:	352598
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.8	76.2
111	41.9	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.003 ng

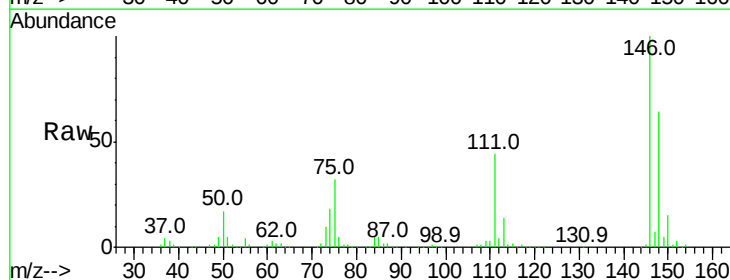
RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

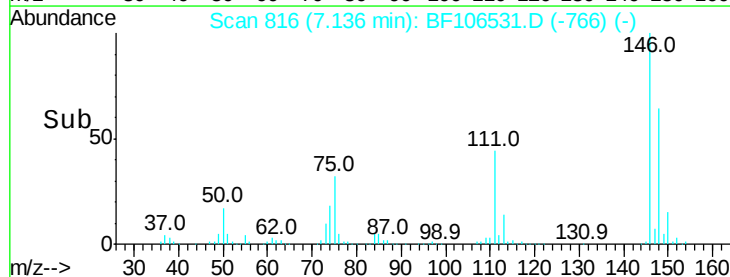
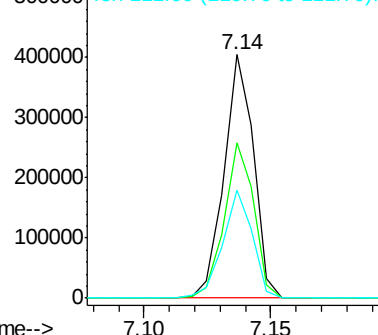
Lab File: BF106531.D

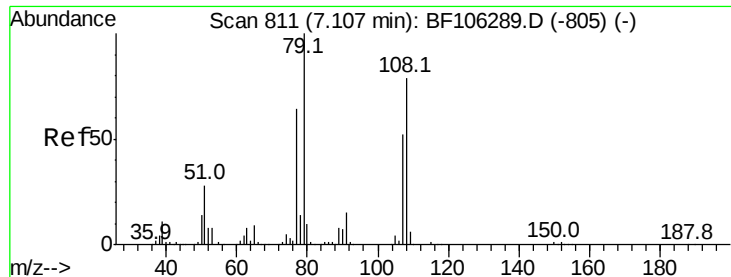
Acq: 18 Jun 2018 11:58

Tgt Ion:	146	Resp:	327645
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	75.8
111	44.4	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.034 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

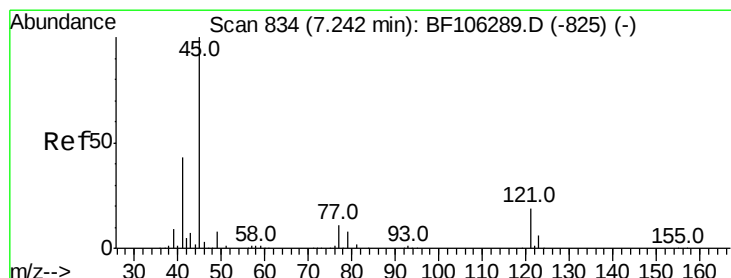
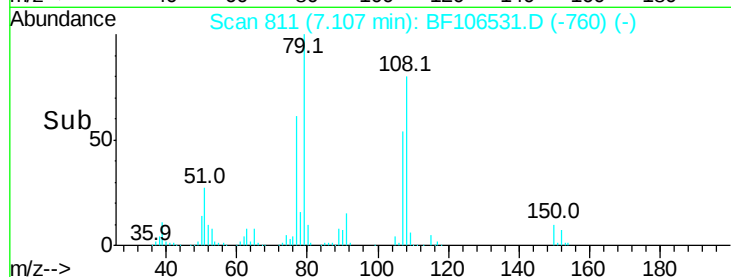
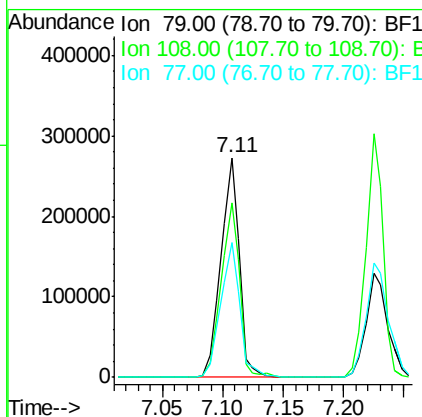
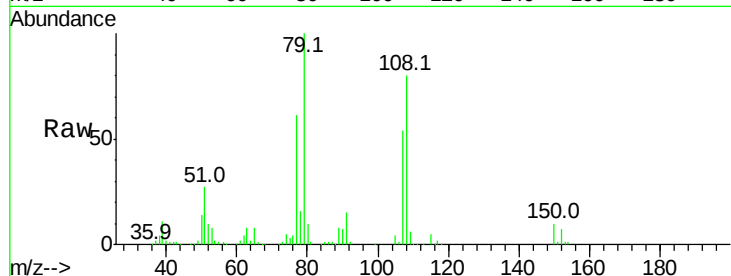
ClientSampleId :

PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.6	65.1	97.7	
77	61.1	50.6	75.8	

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.551 ng

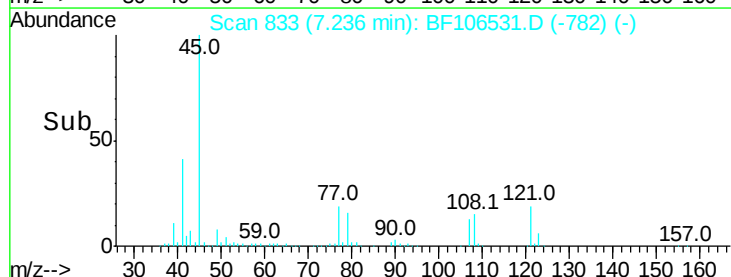
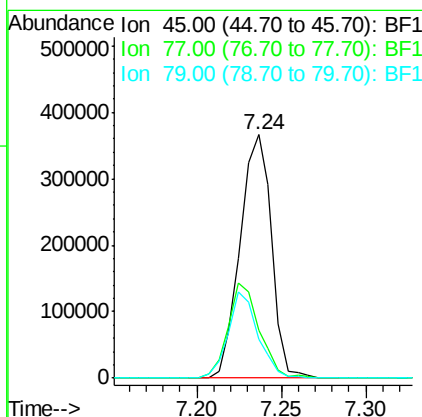
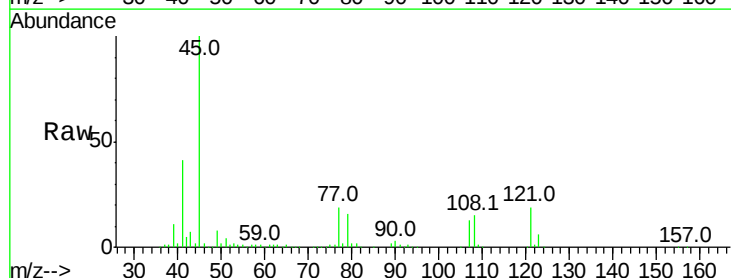
RT: 7.24 min Scan# 833

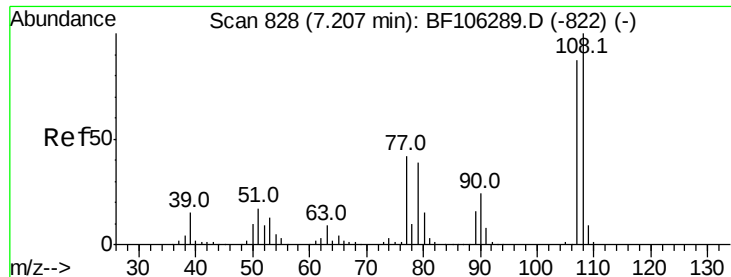
Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	19.4	0.0	32.9	
79	16.0	0.0	29.6	





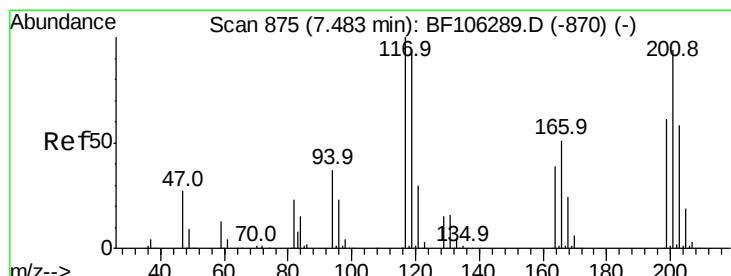
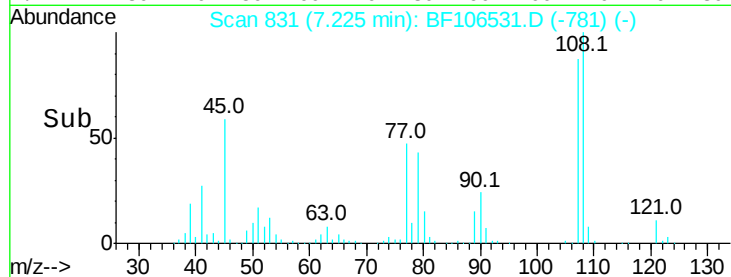
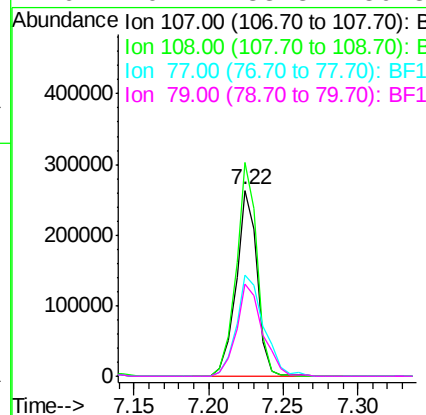
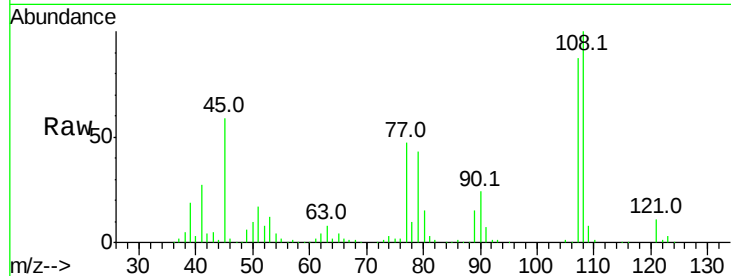
#17
2-Methylphenol
Concen: 42.982 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	259873		
108	115.0	91.7	137.5	
77	54.1	33.8	50.8	
79	49.4	33.8	50.8	

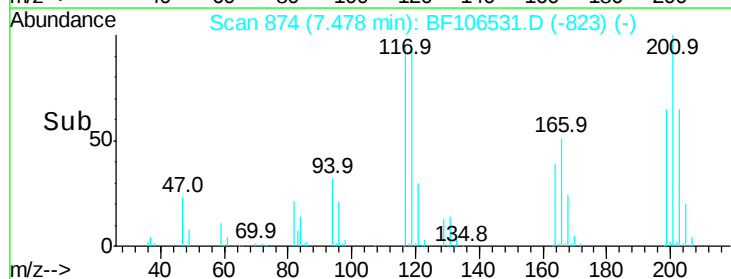
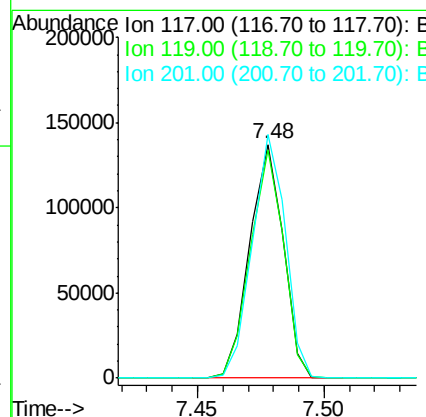
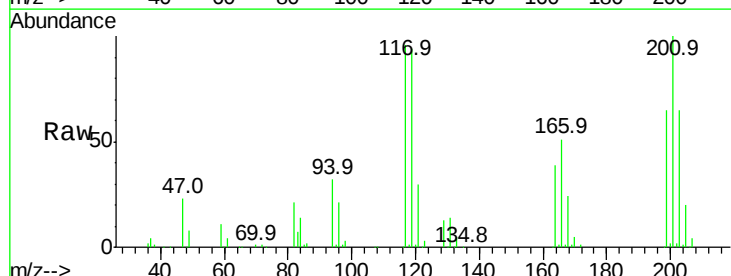
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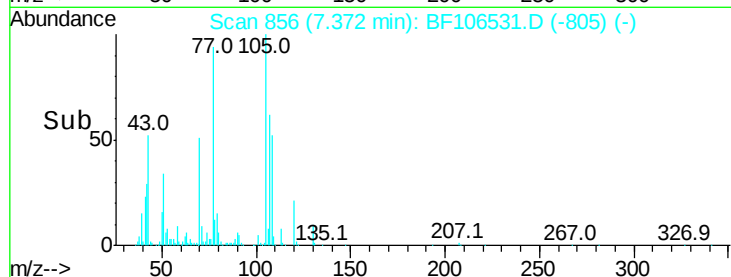
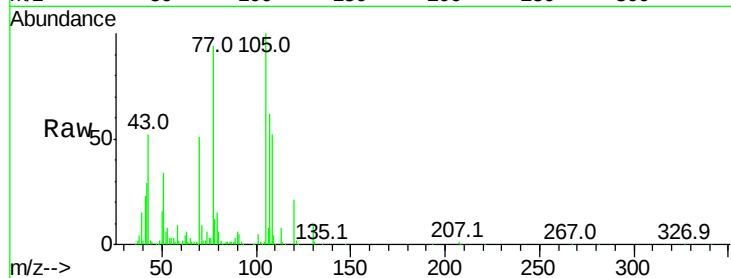
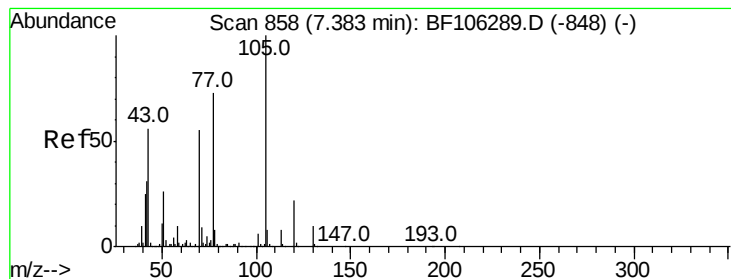
Sohil
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#18
Hexachloroethane
Concen: 43.939 ng
RT: 7.48 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	126715		
119	97.5	75.8	113.8	
201	104.2	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 35.942 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

Tot Ion: 70 Resp: 214679

Ion Ratio Lower Upper

70 100

42 56.1 47.5 71.3

101 9.7 7.4 11.2

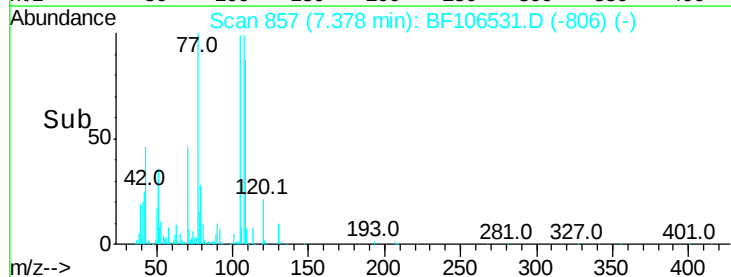
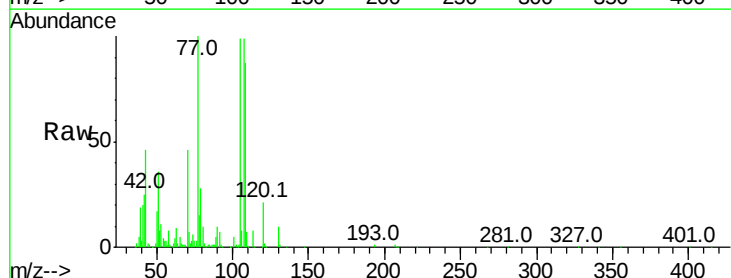
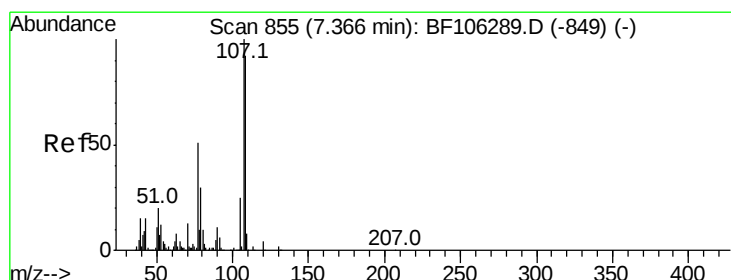
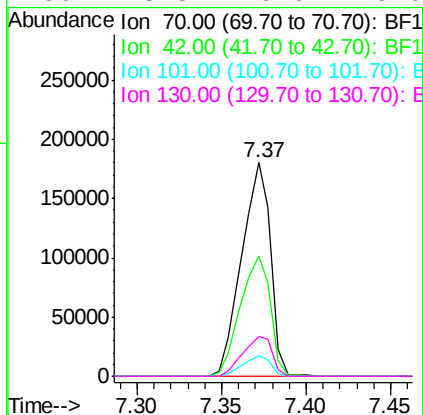
130 18.8 16.6 25.0

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#20

3+4-Methylphenols

Concen: 40.667 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Tgt Ion: 107 Resp: 314436

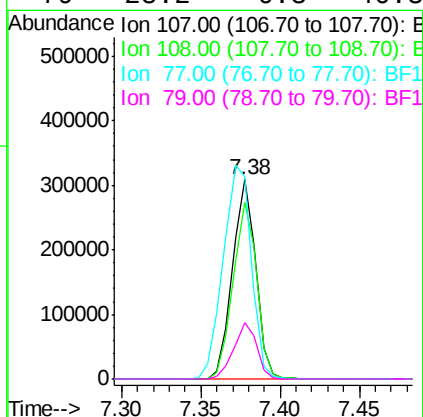
Ion Ratio Lower Upper

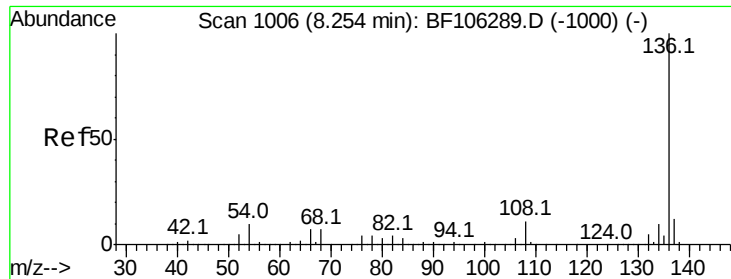
107 100

108 88.6 68.2 108.2

77 101.3 26.7 66.7#

79 28.2 6.3 46.3





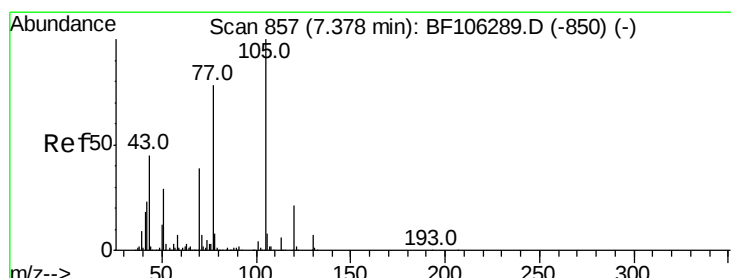
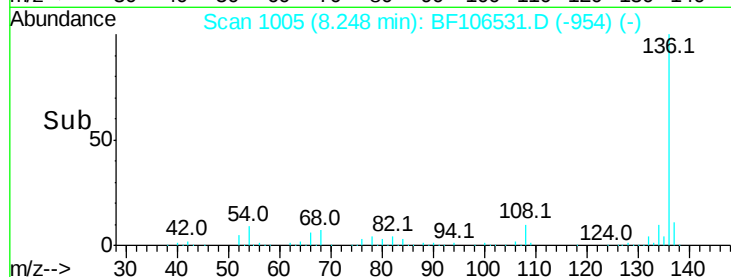
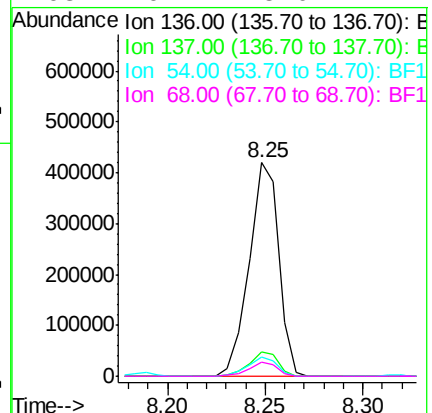
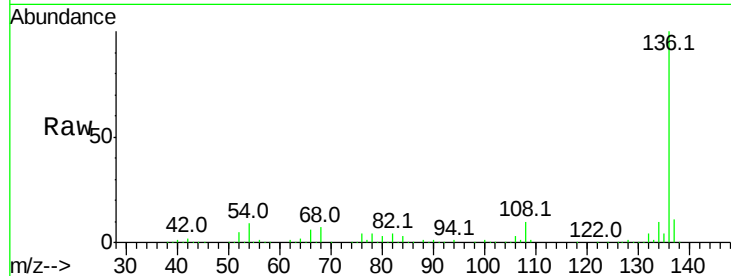
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	9.1	6.6	9.8	
68	6.7	5.0	7.4	

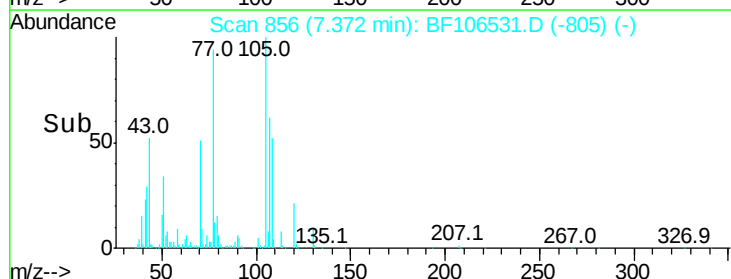
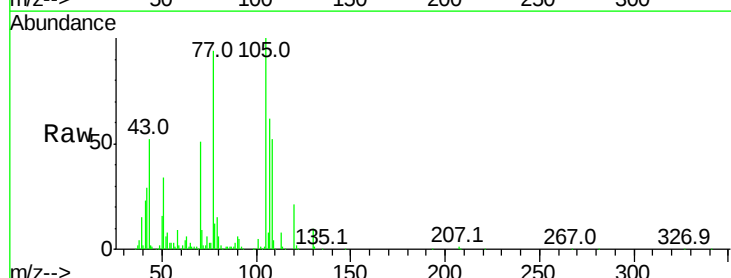
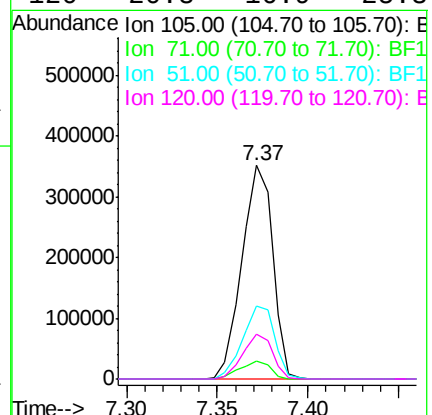
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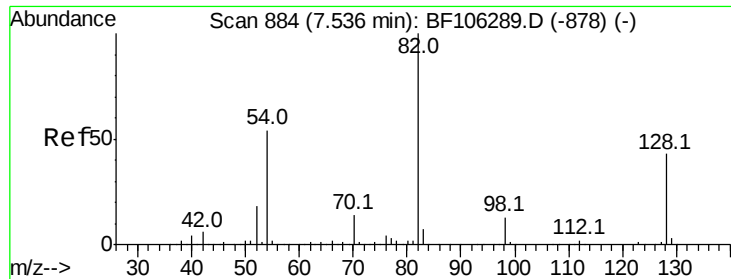
Sohil
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#22
Acetophenone
Concen: 37.406 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.6	4.4	6.6#	
51	34.0	22.3	33.5#	
120	20.8	16.9	25.3	





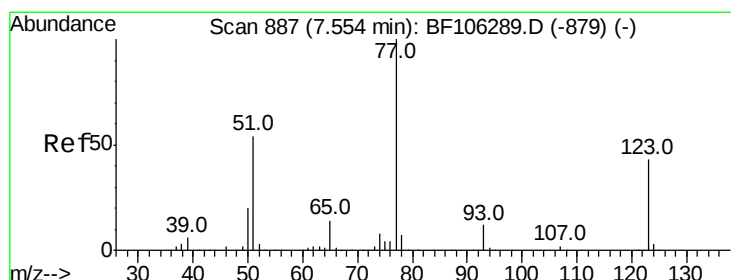
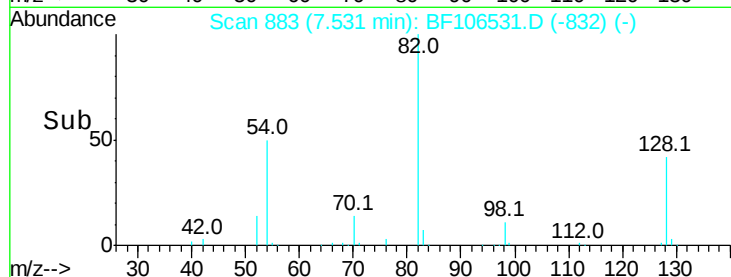
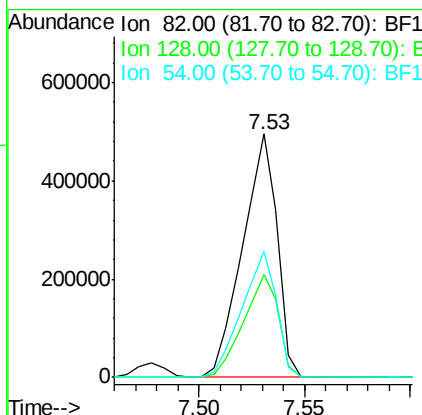
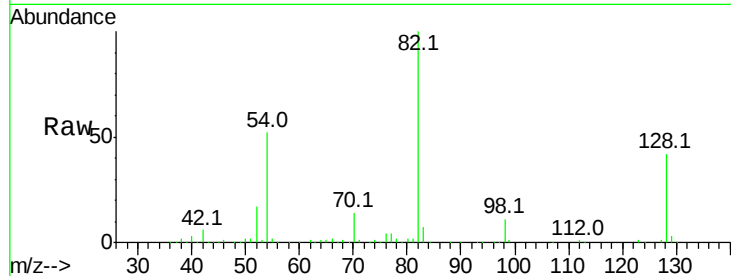
#23
 Nitrobenzene-d5
 Concen: 74.533 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.2	36.1	54.1	
54	51.8	41.4	62.2	

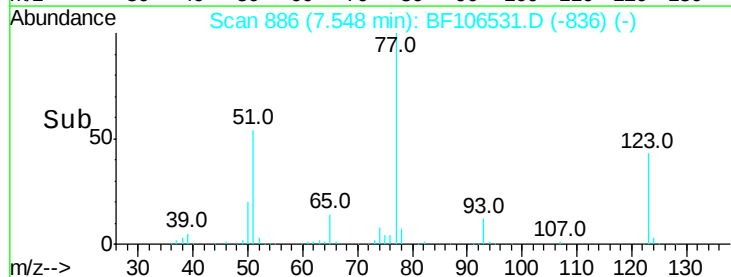
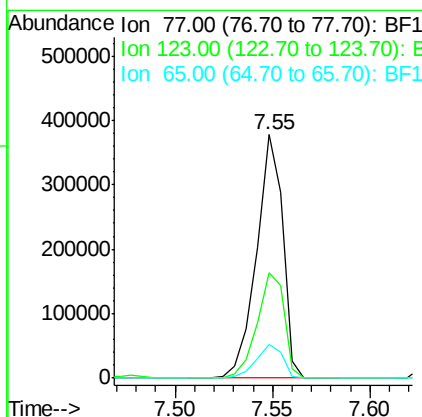
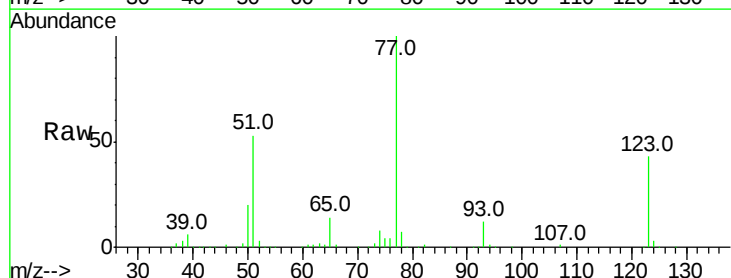
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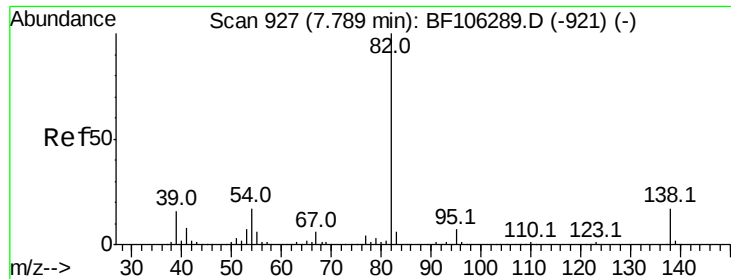
Sohil
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#24
 Nitrobenzene
 Concen: 43.160 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.2	37.9	56.9	
65	13.9	11.0	16.4	





#25

Isophorone

Concen: 43.842 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

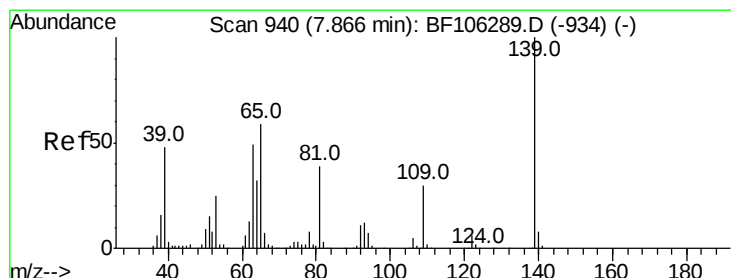
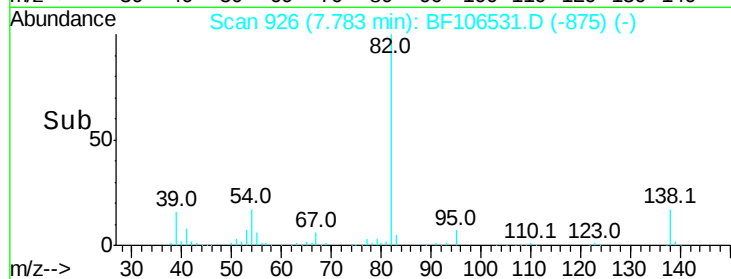
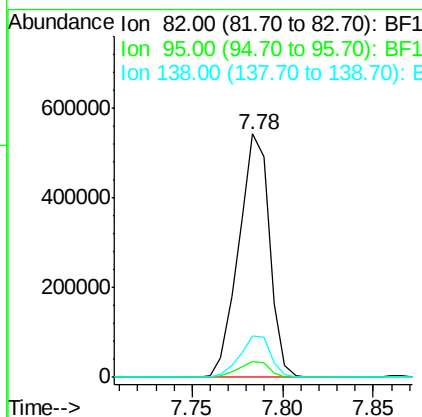
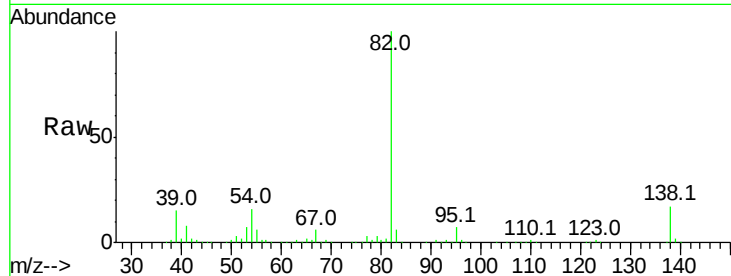
ClientSampleId :

PB110266BSD

Tot Ion:	82	Resp:	643032
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.2	7.8
138	16.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.204 ng

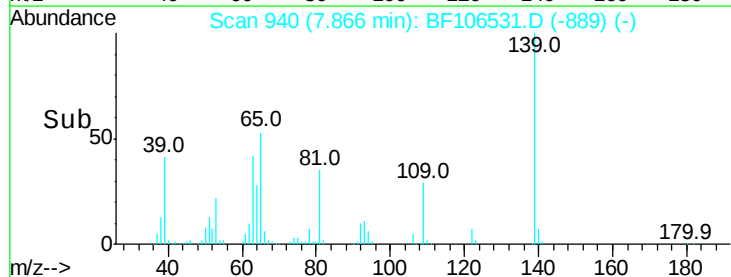
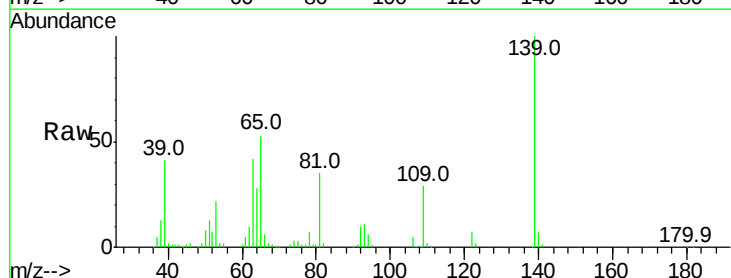
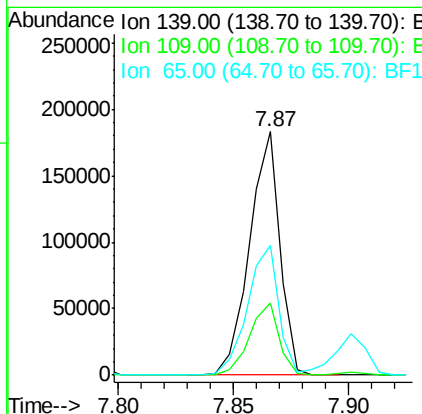
RT: 7.87 min Scan# 940

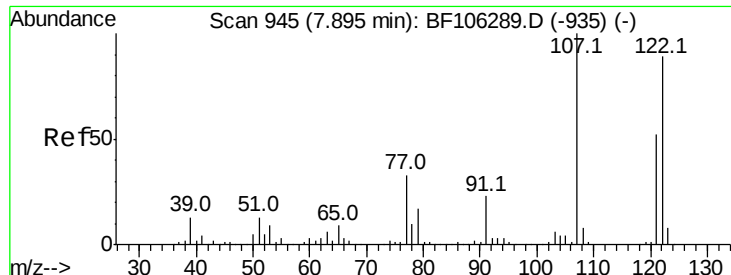
Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Tgt Ion:	139	Resp:	168549
Ion Ratio		Lower	Upper
139	100		
109	29.5	22.7	34.1
65	53.0	40.5	60.7





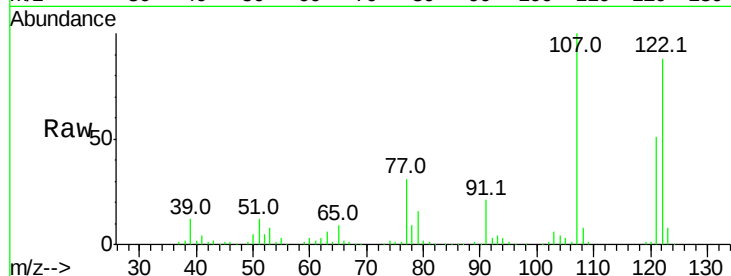
#27
2,4-Dimethylphenol
Concen: 45.902 ng
RT: 7.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

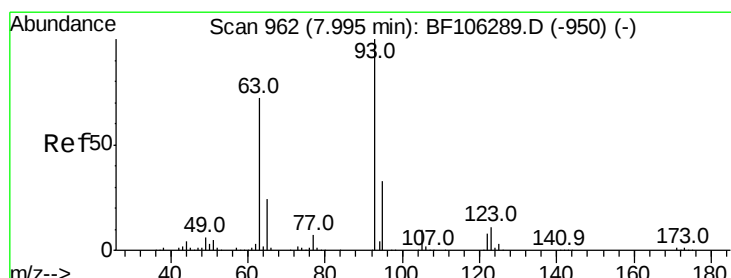
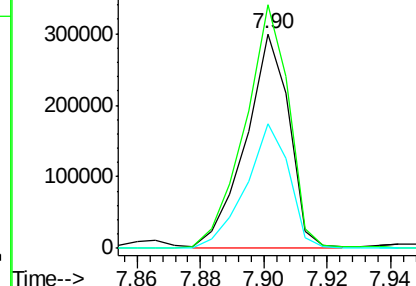
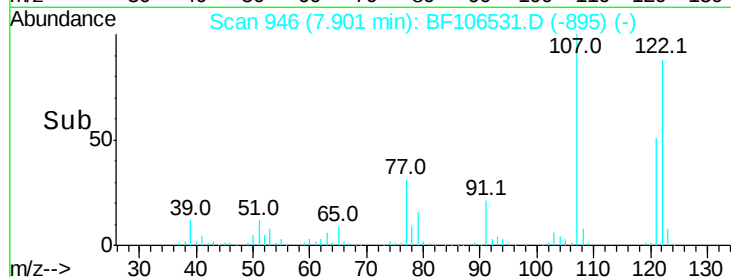
Tot Ion	Ratio	Resp	Lower	Upper
122	100	285016		
107	113.4	91.2	136.8	
121	58.2	47.2	70.8	

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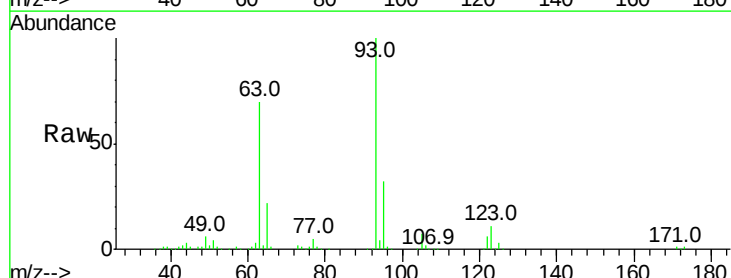


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

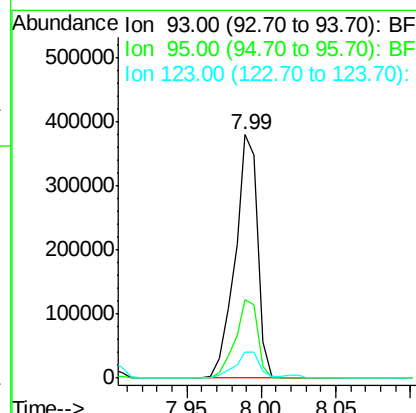
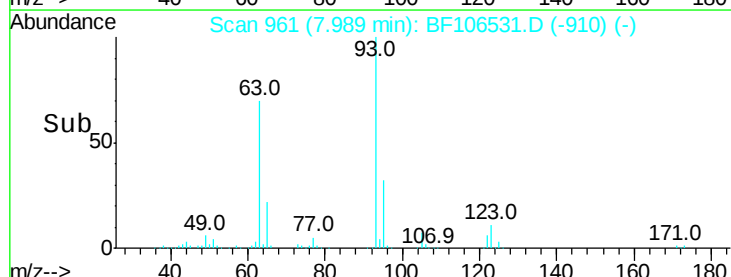


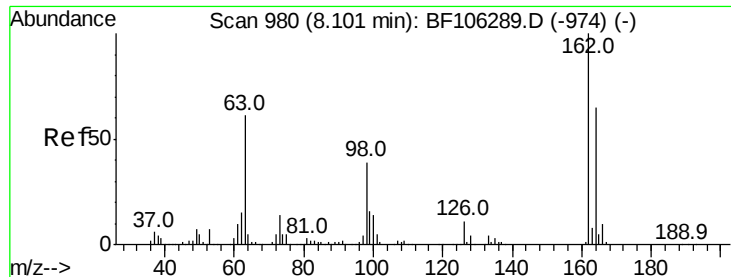
#28
bis(2-Chloroethoxy)methane
Concen: 42.286 ng
RT: 7.99 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	402160		
95	32.2	26.3	39.5	
123	10.9	9.8	14.6	



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





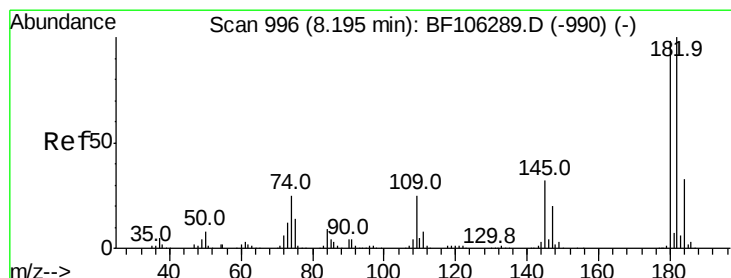
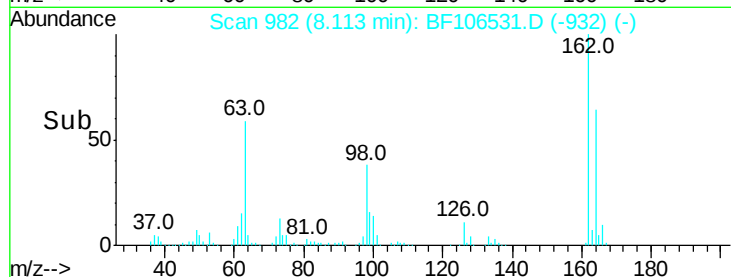
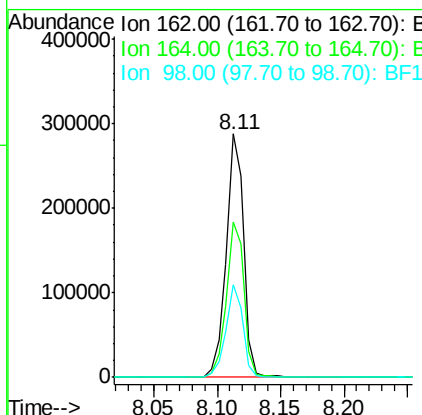
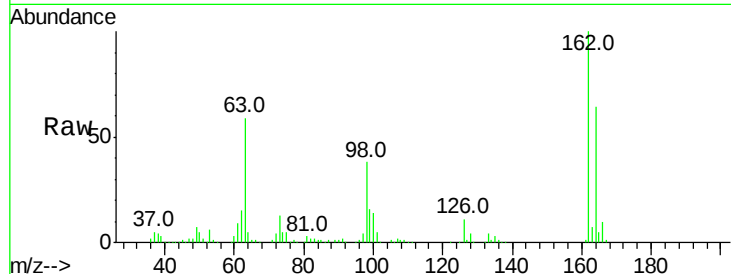
#29
2,4-Dichlorophenol
Concen: 45.648 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	273446		
164	64.0	42.7	82.7	
98	38.1	18.1	58.1	

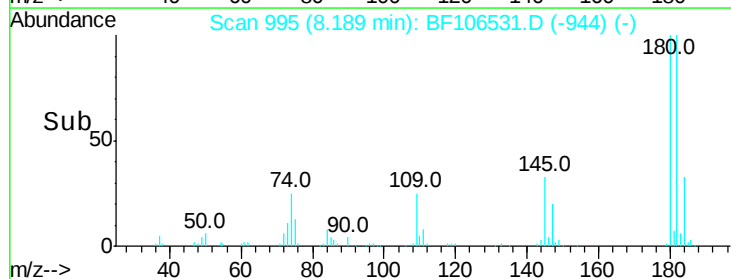
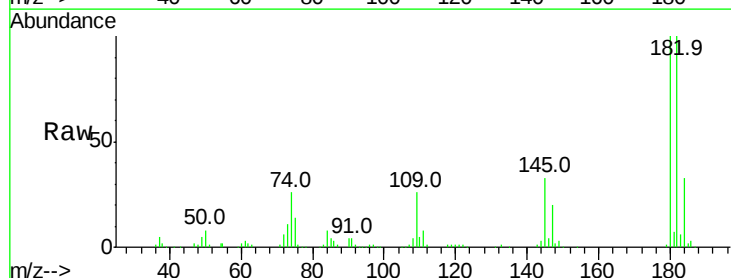
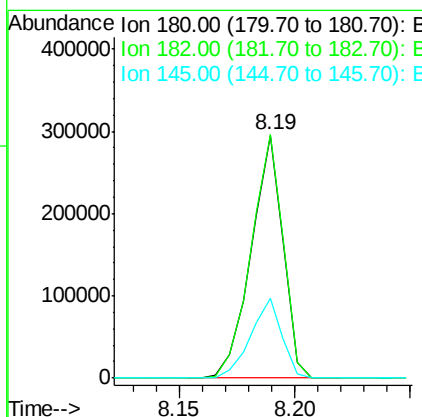
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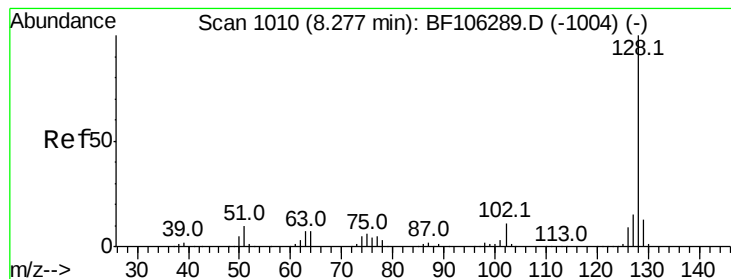
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#30
1,2,4-Trichlorobenzene
Concen: 42.256 ng
RT: 8.19 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	283821		
182	100.4	76.8	115.2	
145	32.7	26.5	39.7	





#31

Naphthalene

Concen: 43.222 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

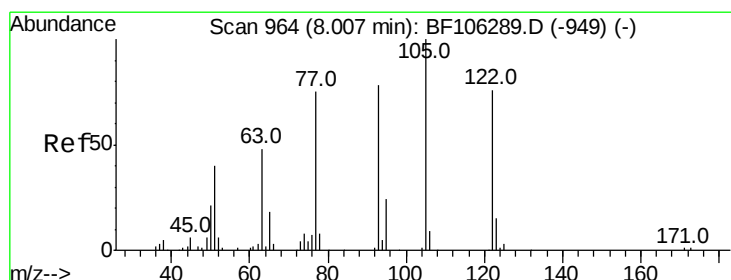
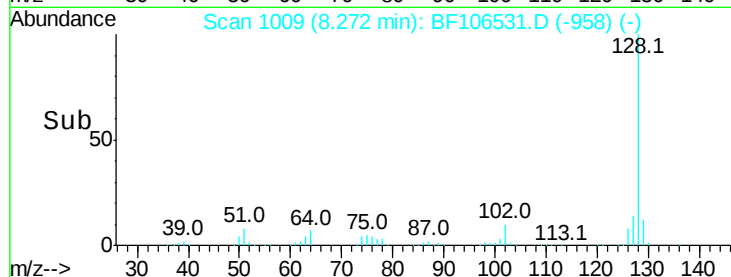
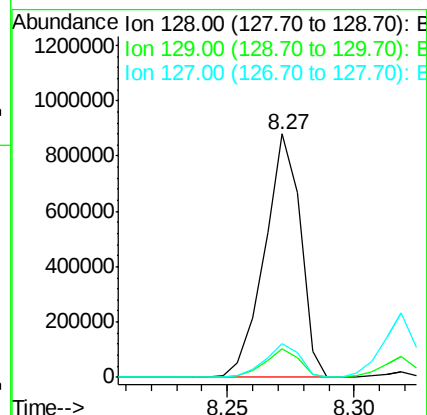
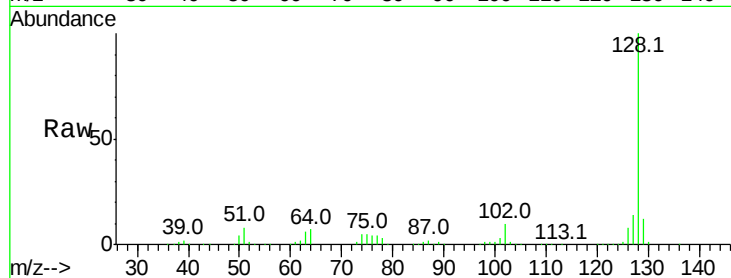
ClientSampleId :

PB110266BSD

Tot Ion:128	Resp:	863135
Ion Ratio	Lower	Upper
128	100	
129	11.5	8.8 13.2
127	13.7	10.9 16.3

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#32

Benzoic acid

Concen: 33.480 ng

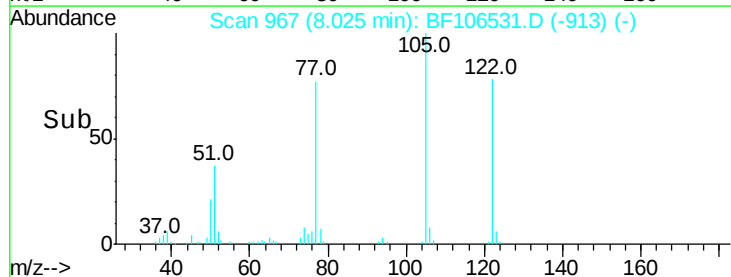
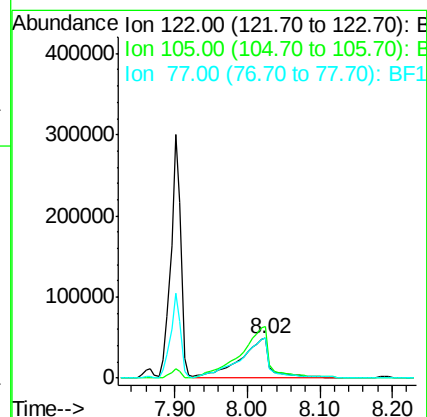
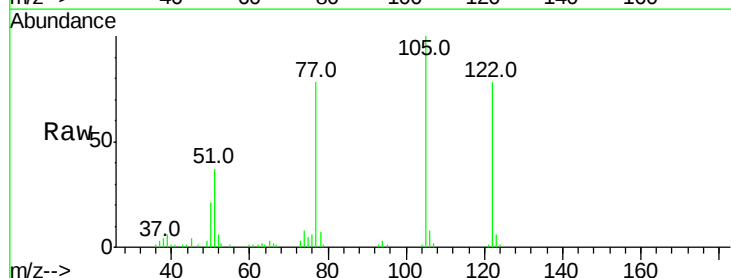
RT: 8.02 min Scan# 967

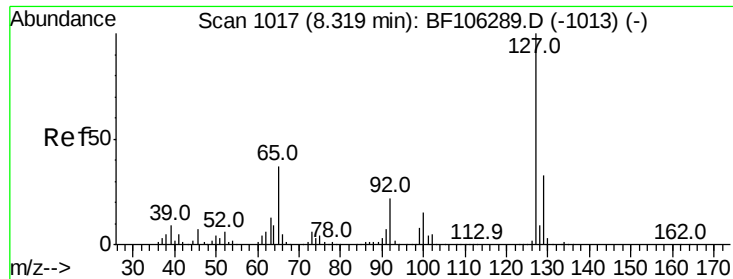
Delta R.T. 0.02 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Tgt Ion:122	Resp:	141426
Ion Ratio	Lower	Upper
122	100	
105	128.8	101.1 141.1
77	100.3	70.7 110.7





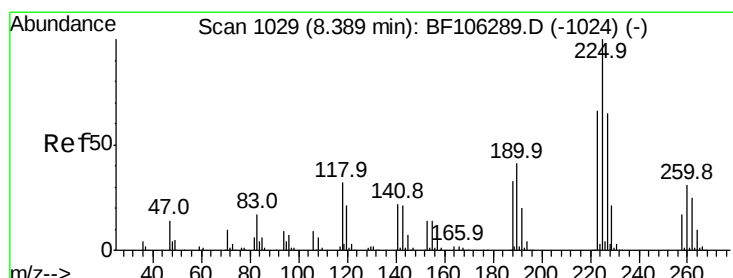
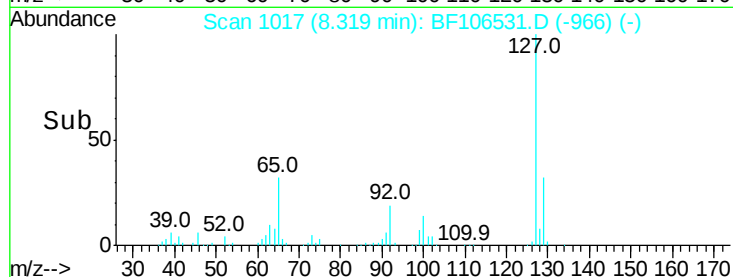
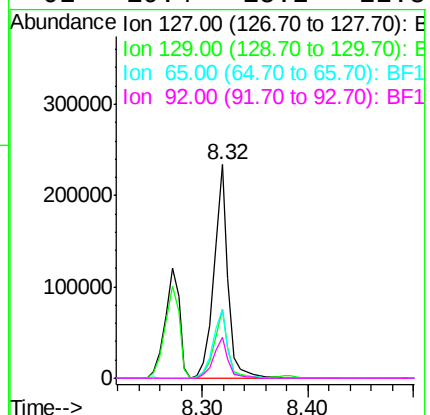
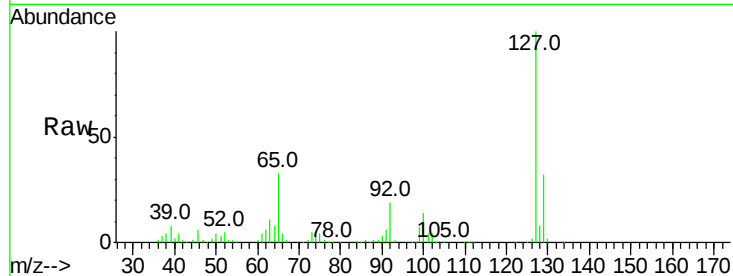
#33
4-Chloroaniline
Concen: 24.751 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.9	38.9		
65	32.7	25.0	37.4		
92	19.4	15.2	22.8		

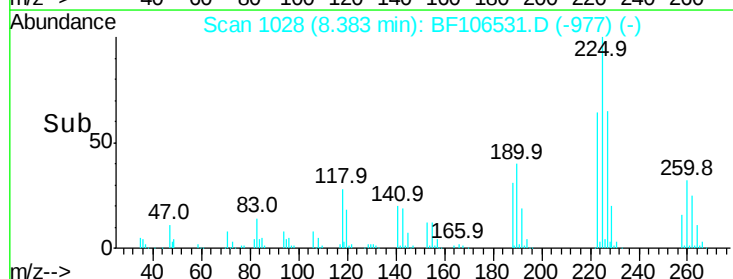
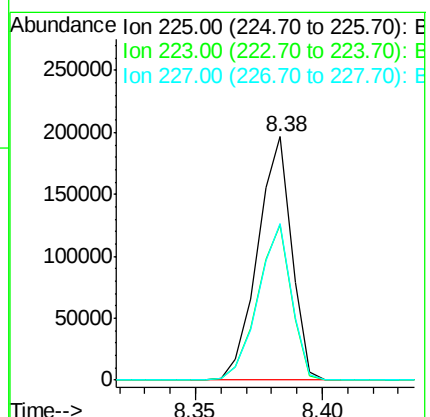
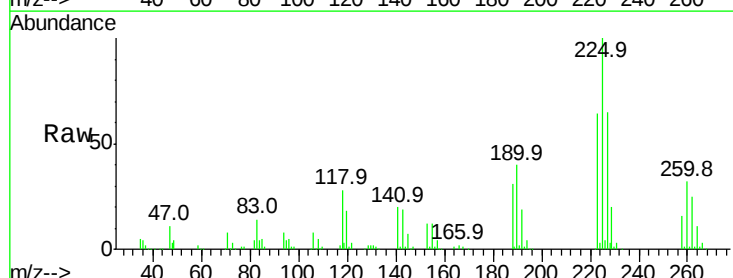
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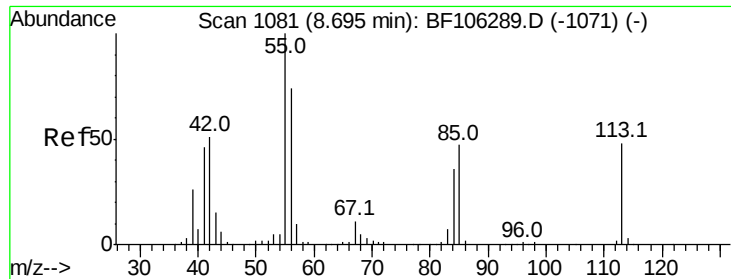
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#34
Hexachlorobutadiene
Concen: 42.642 ng
RT: 8.38 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	50.6	76.0		
227	64.5	51.9	77.9		





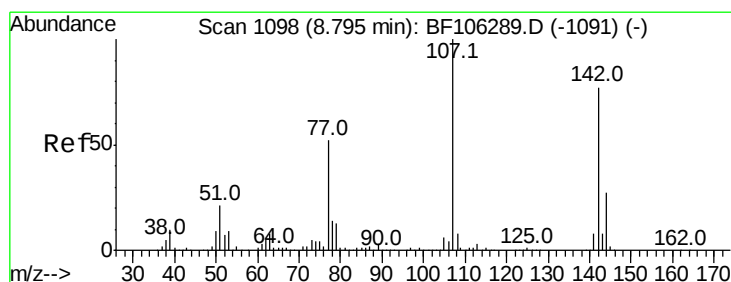
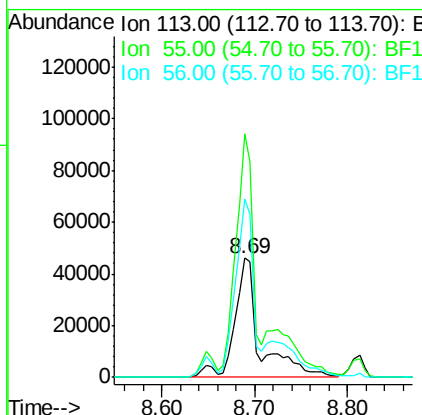
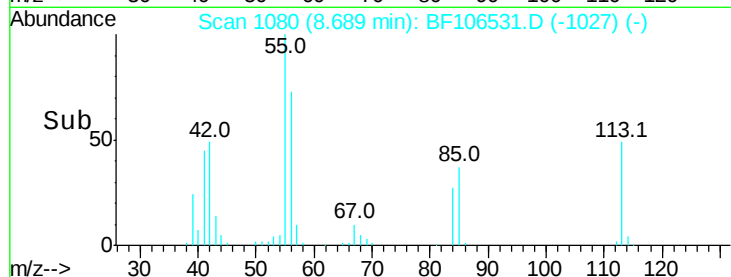
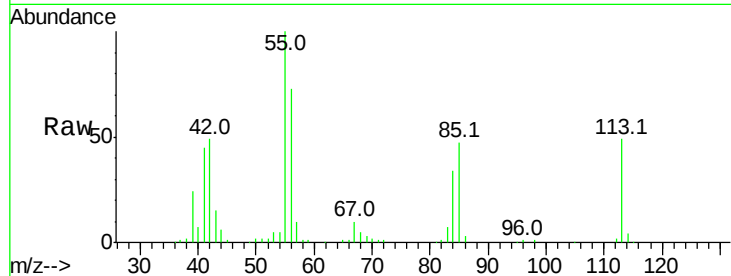
#35
 Caprolactam
 Concen: 42.873 ng/ml
 RT: 8.69 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleID :
 PB110266BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	204.8	163.3	203.3#
56	150.2	115.7	155.7

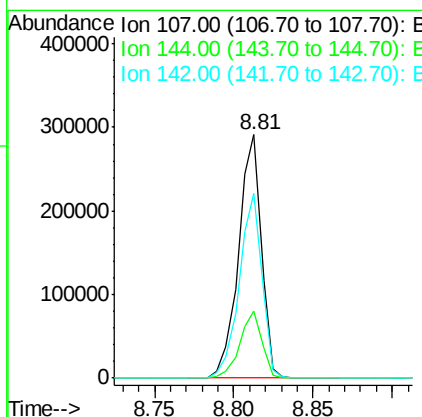
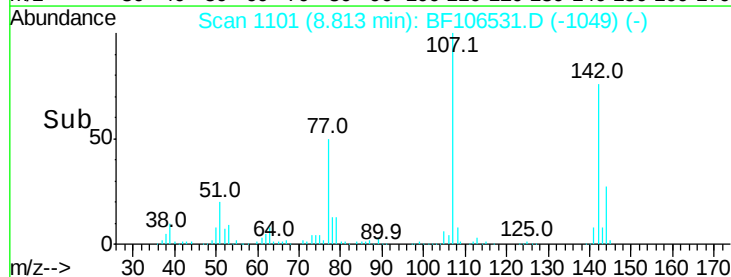
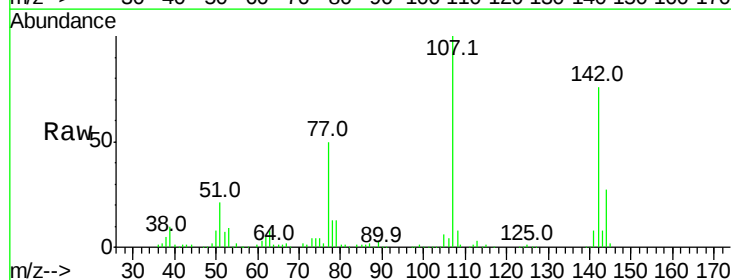
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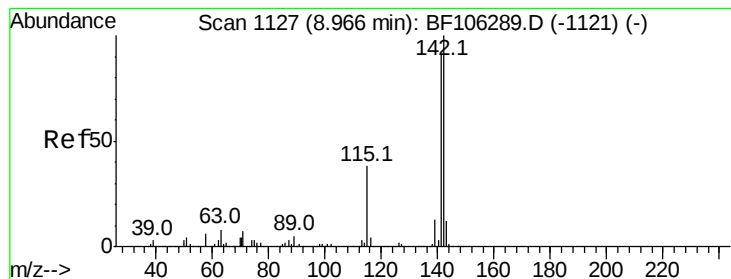
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#36
 4-Chloro-3-methylphenol
 Concen: 43.710 ng/ml
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	20.5	30.7
142	75.8	62.0	93.0





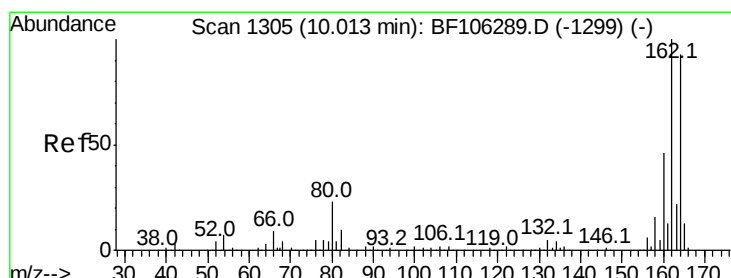
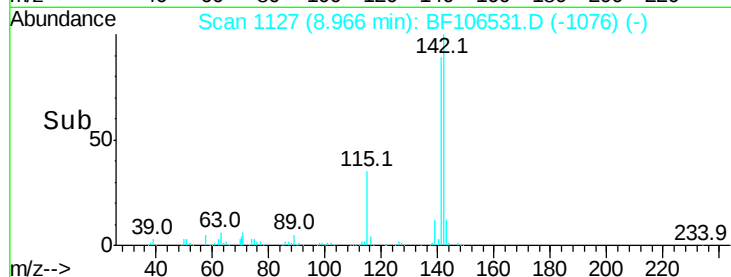
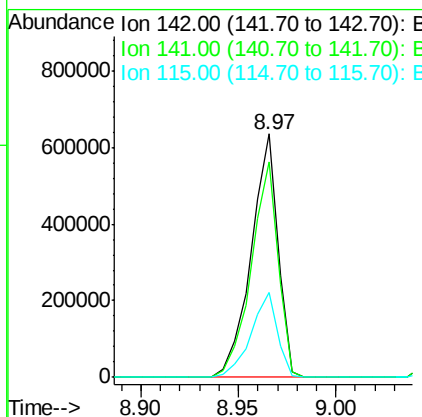
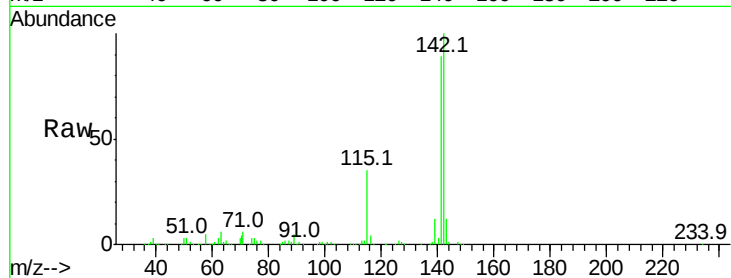
#37
2-Methylnaphthalene
Concen: 44.626 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	34.8	26.1	39.1

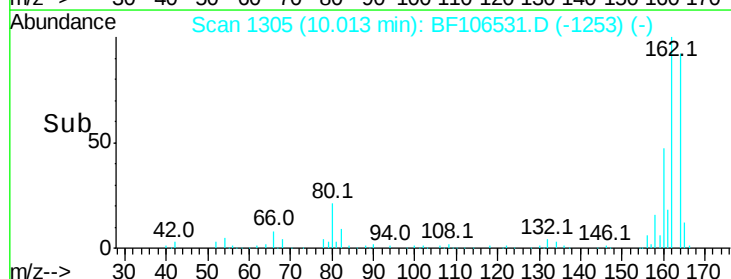
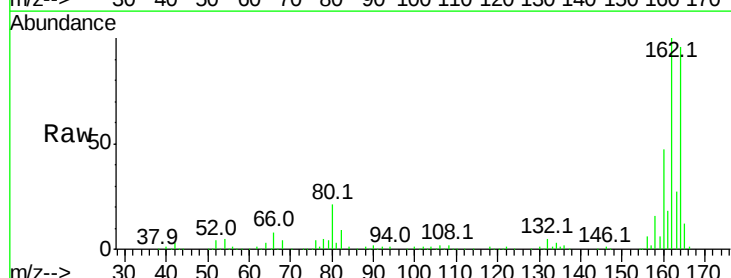
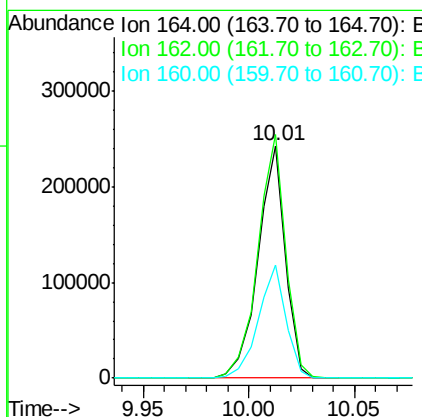
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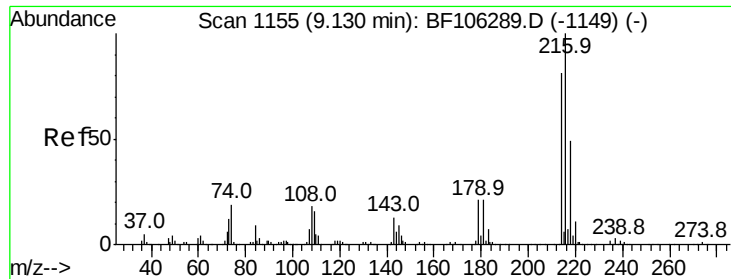
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	48.8	38.3	57.5





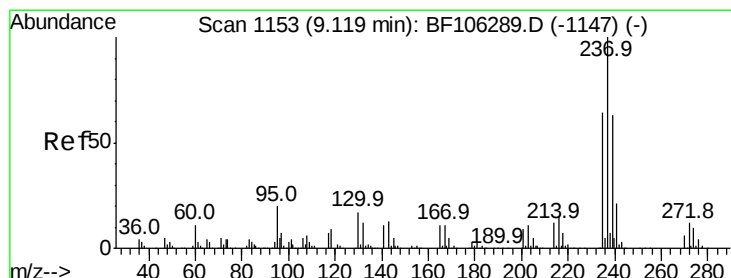
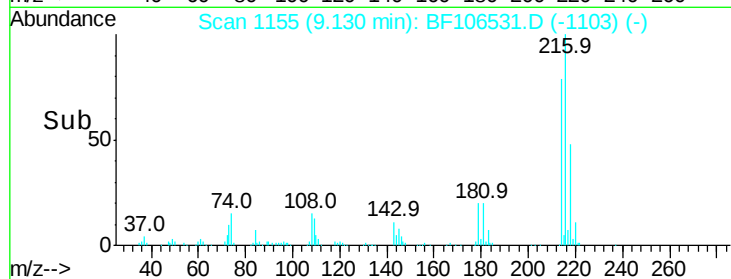
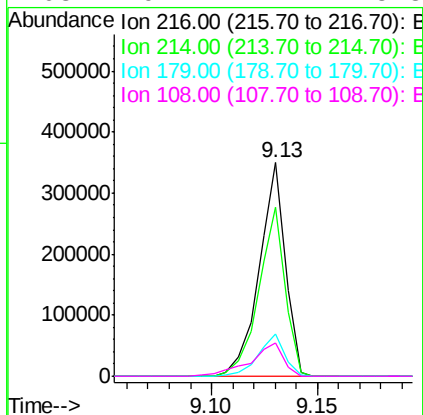
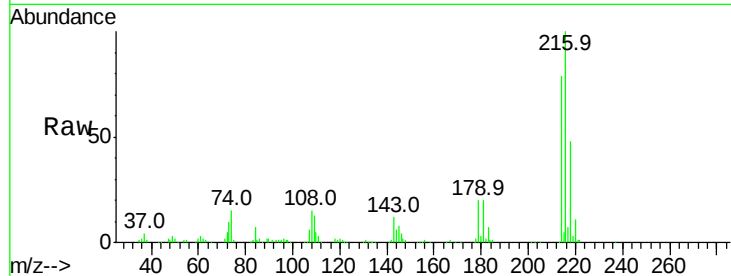
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.537 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.6	63.0	94.4
179	19.9	18.1	27.1
108	19.7	17.2	25.8

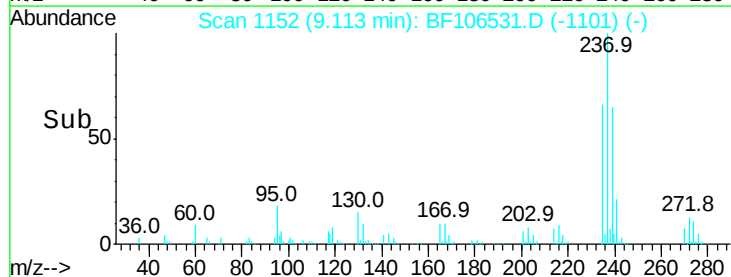
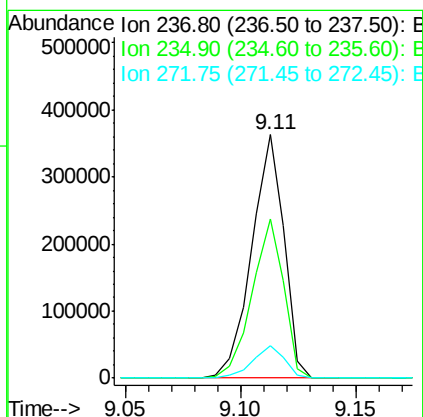
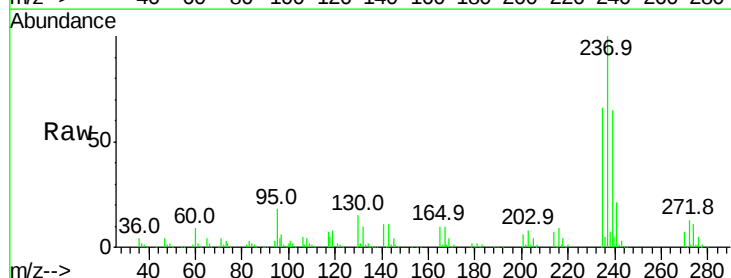
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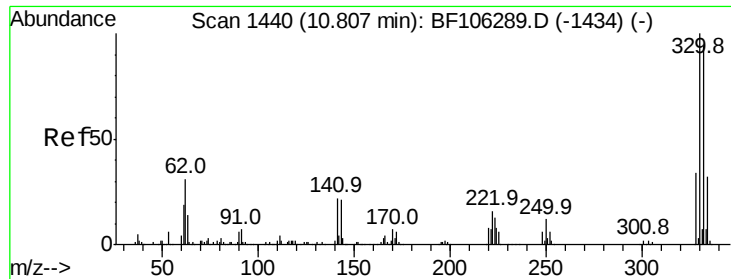
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#40
 Hexachlorocyclopentadiene
 Concen: 90.331 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.6	44.8	84.8
272	13.4	0.0	33.3





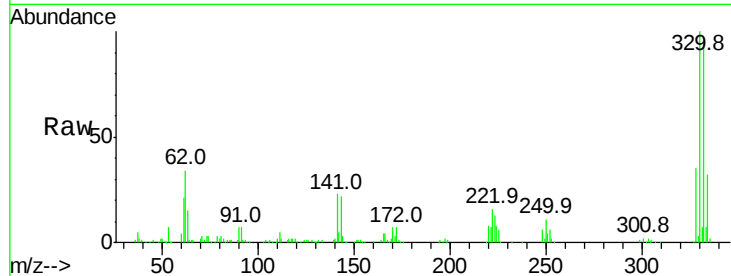
#41
 2,4,6-Tribromophenol
 Concen: 103.848 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

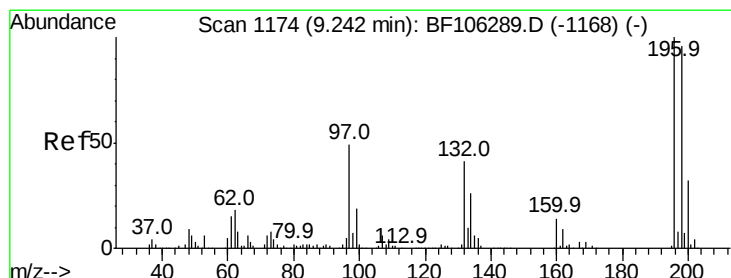
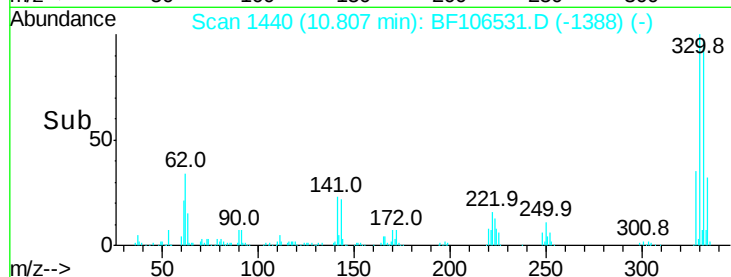
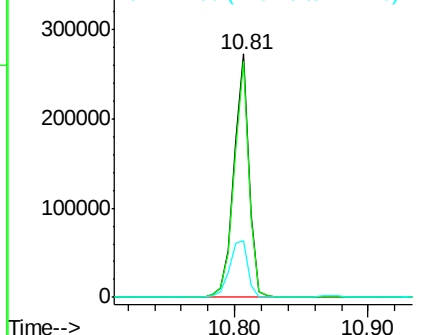
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	77.0	115.6	
141	28.1	29.9	44.9	

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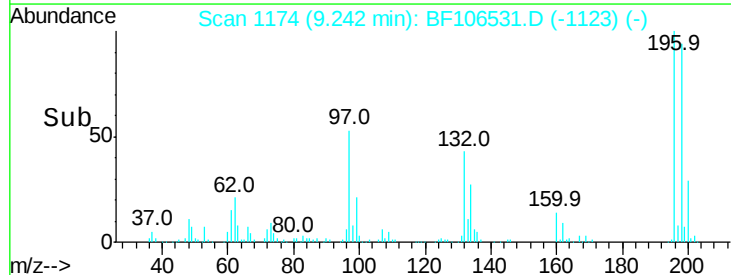
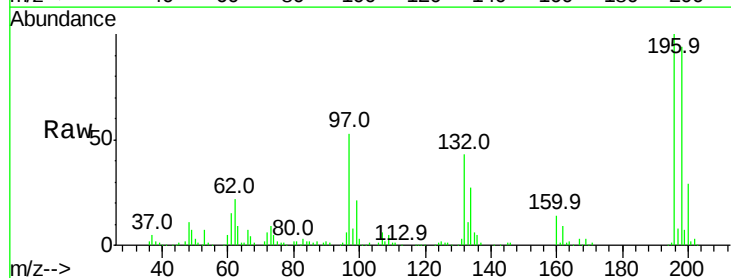
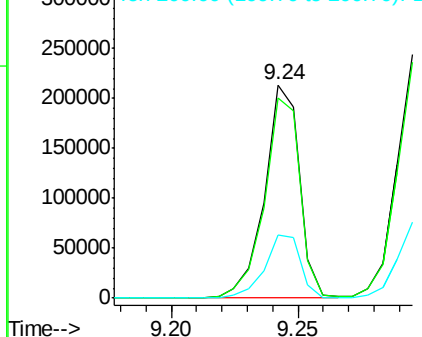
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

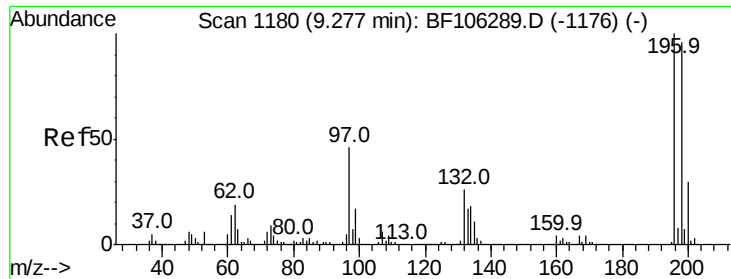


#42
 2,4,6-Trichlorophenol
 Concen: 45.753 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.7	75.7	113.5	
200	29.3	24.5	36.7	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





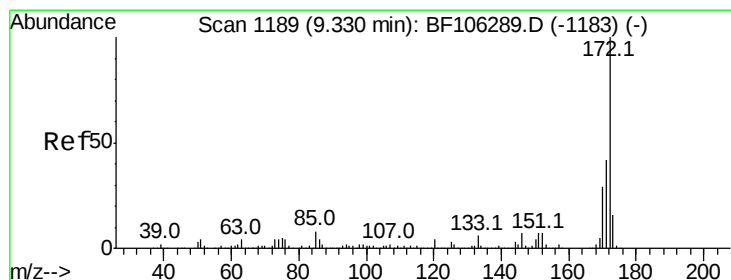
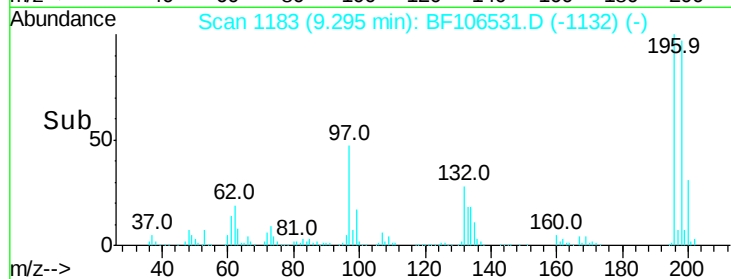
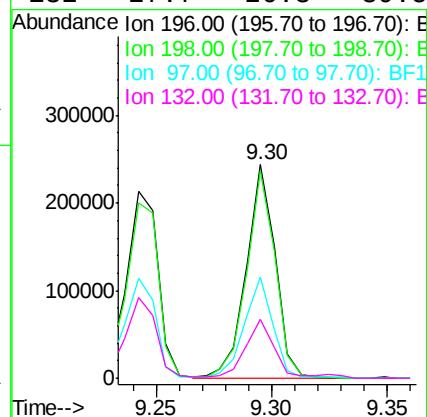
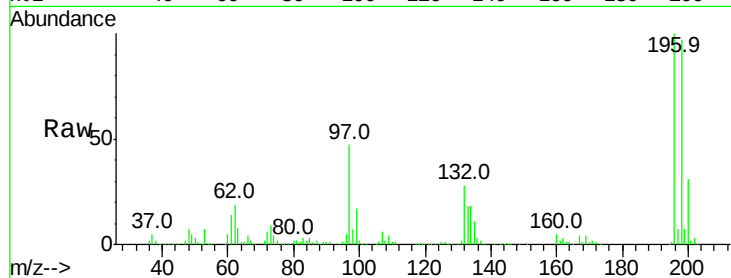
#43
 2,4,5-Trichlorophenol
 Concen: 43.763 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	213314		
198	97.1	74.6	112.0	
97	47.2	42.9	64.3	
132	27.7	26.3	39.5	

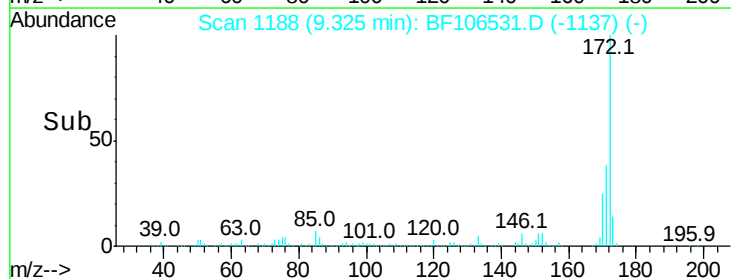
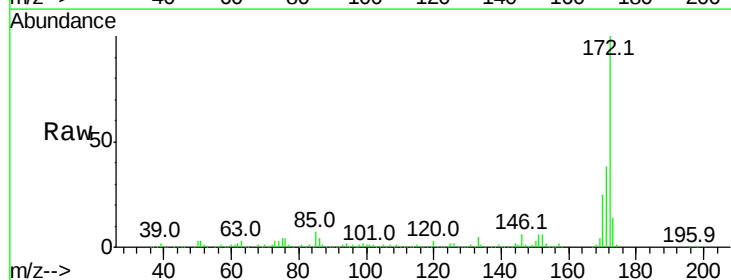
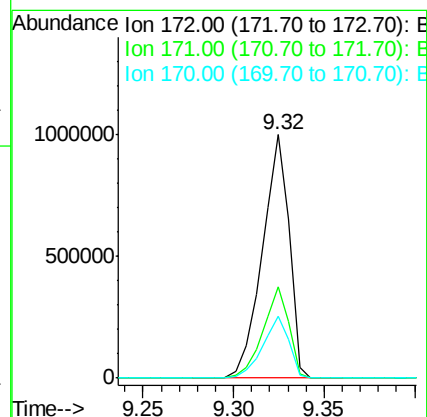
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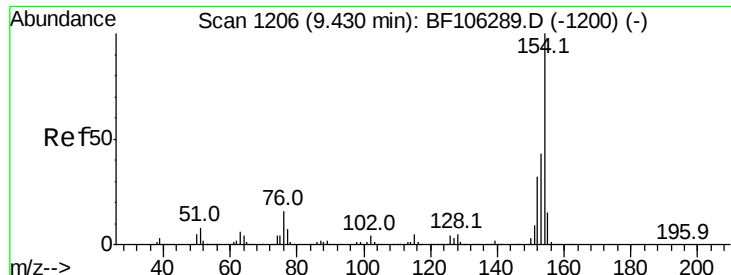
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 82.512 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1024959		
171	37.7	29.7	44.5	
170	25.3	19.6	29.4	





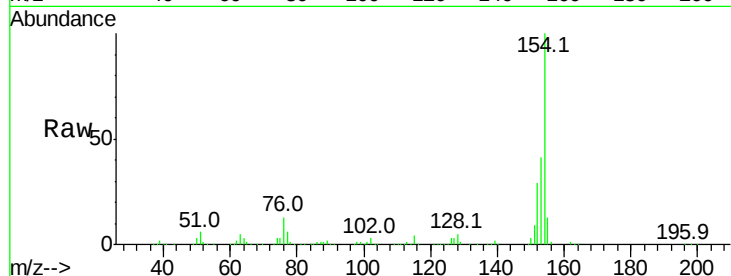
#45
 1,1'-Biphenyl
 Concen: 42.316 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

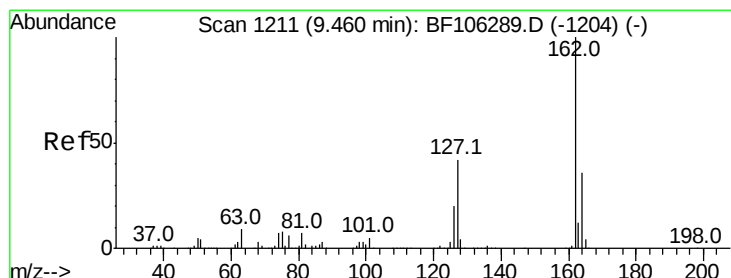
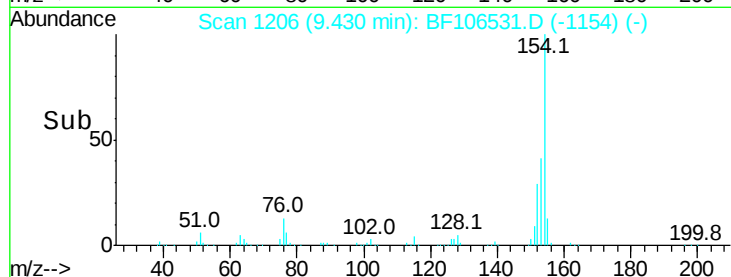
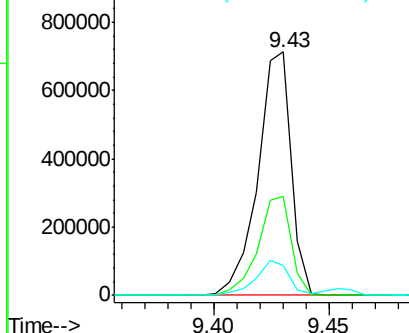
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	21.3	61.3	
76	12.5	0.0	34.0	

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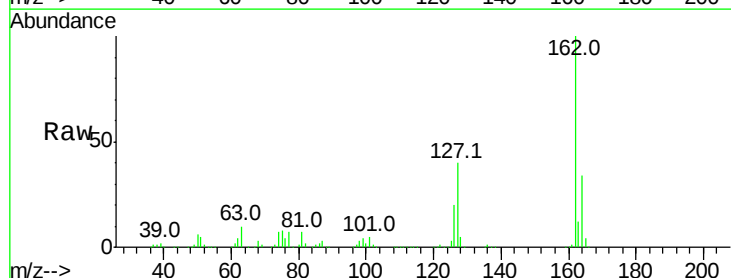


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

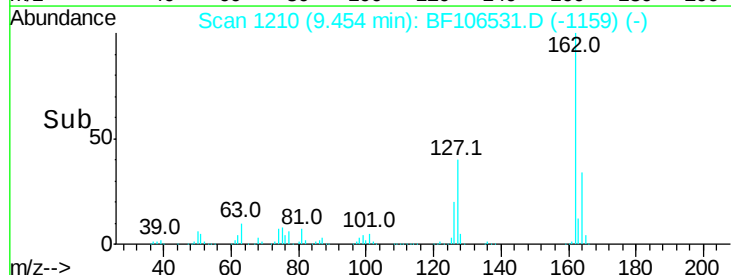
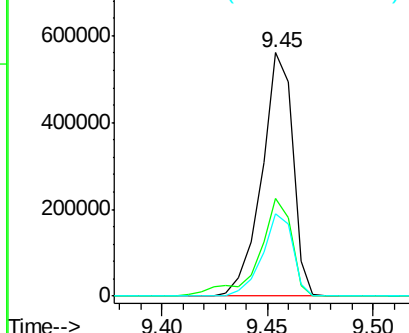


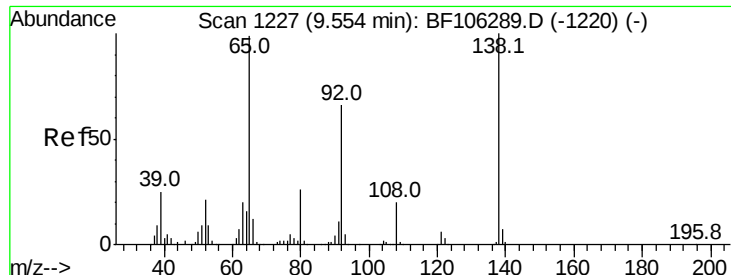
#46
 2-Chloronaphthalene
 Concen: 42.155 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.1	33.9	50.9	
164	33.8	26.5	39.7	



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





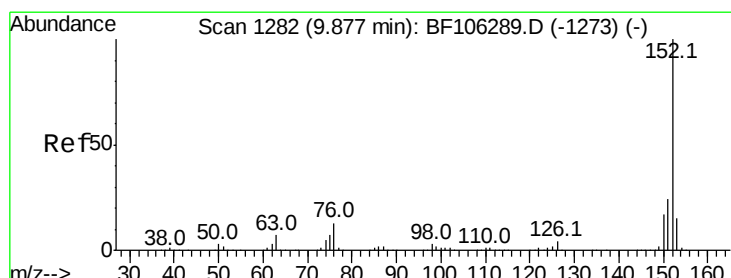
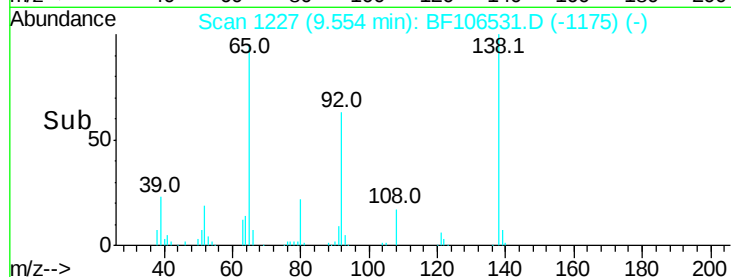
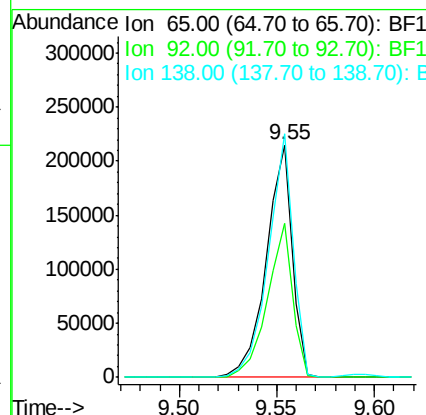
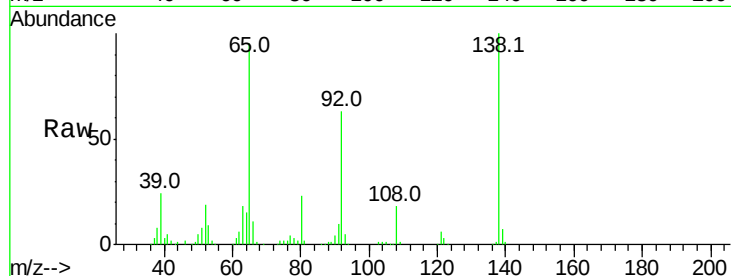
#47
2-Nitroaniline
Concen: 46.544 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	66.1	55.8	83.6	
138	104.9	91.2	136.8	

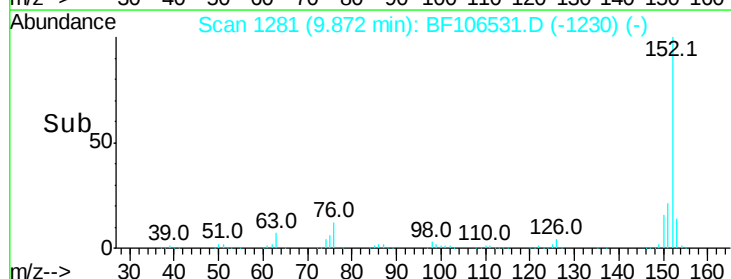
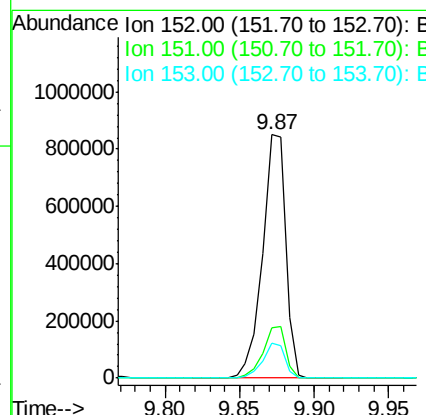
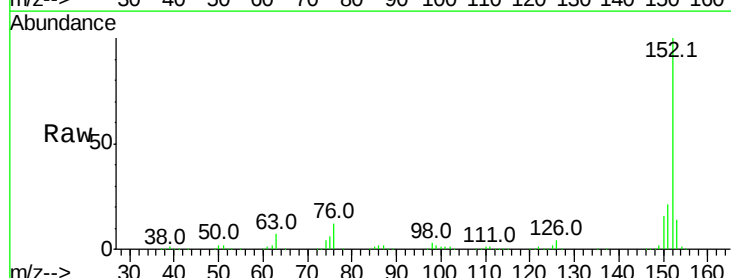
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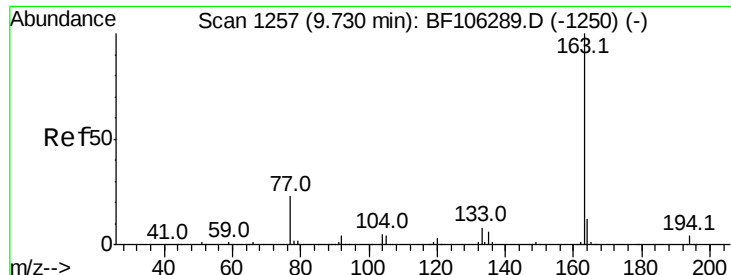
Sohil
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#48
Acenaphthylene
Concen: 43.822 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.9	16.3	24.5	
153	14.1	10.7	16.1	





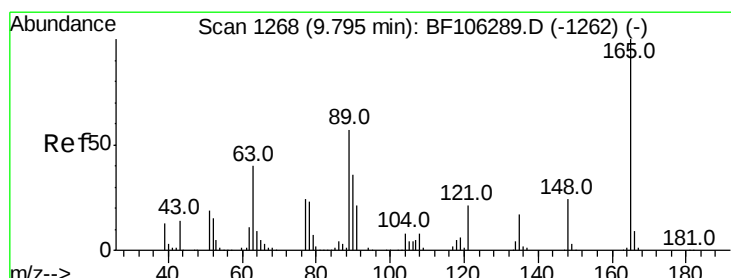
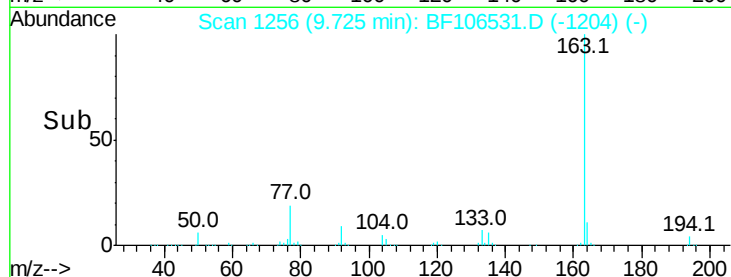
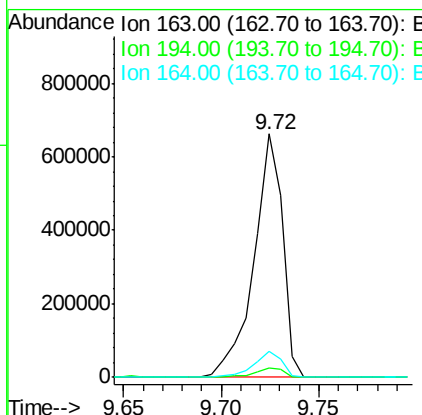
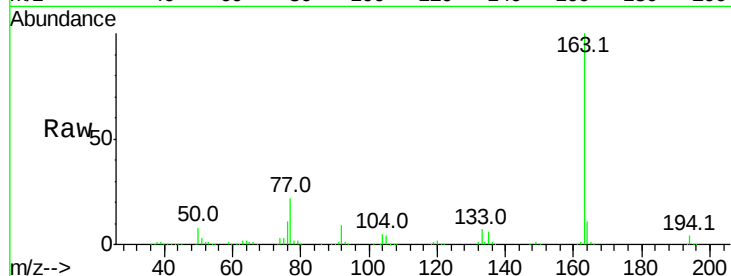
#49
Dimethylphthalate
Concen: 43.248 ng
RT: 9.72 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	675294		
194	3.8	2.7	4.1	
164	10.7	8.2	12.2	

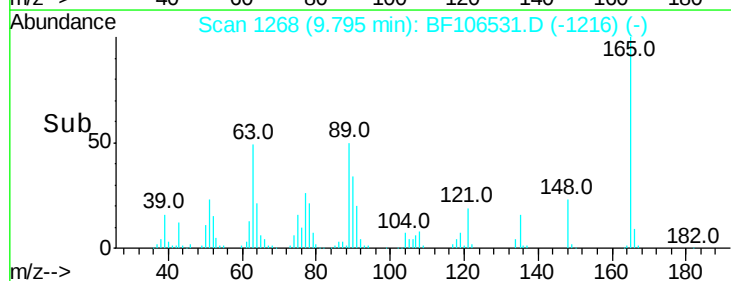
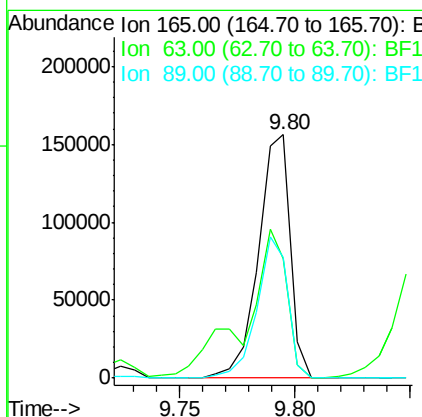
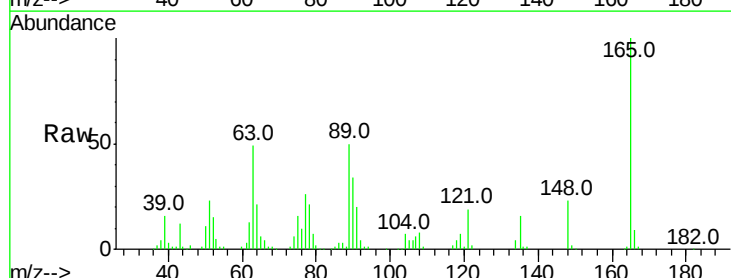
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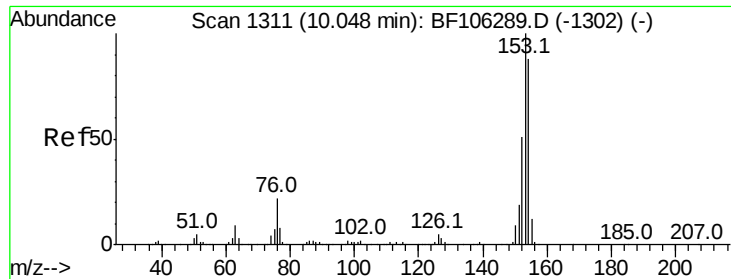
Sohil
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#50
2,6-Dinitrotoluene
Concen: 47.205 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	150564		
63	49.0	44.7	67.1	
89	49.8	44.0	66.0	





#51

Acenaphthene

Concen: 40.022 ng

RT: 10.05 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

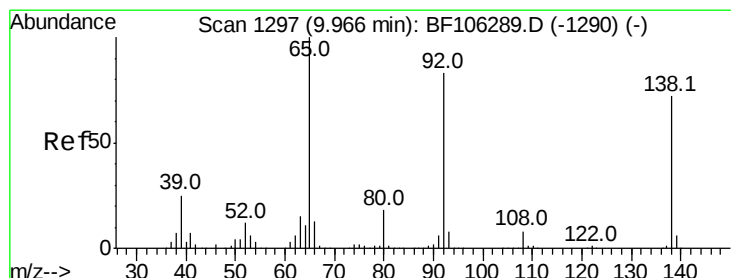
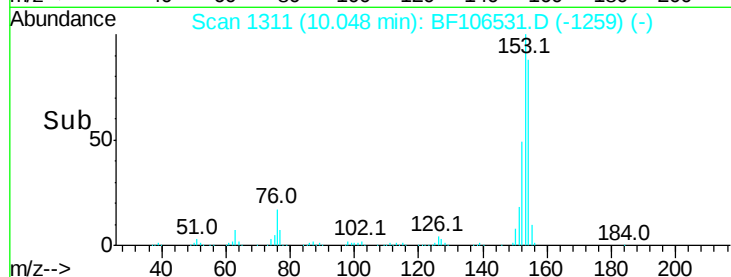
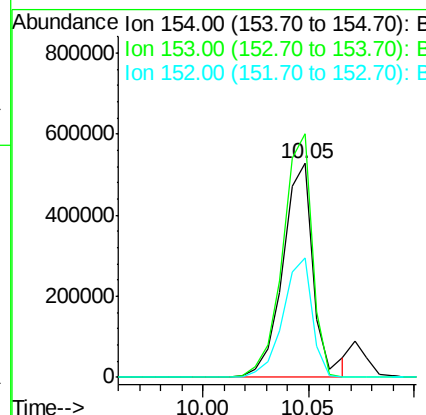
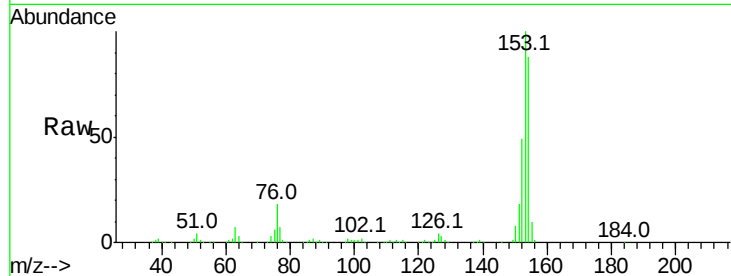
ClientSampleId :

PB110266BSD

Tot Ion:	154	Resp:	535939
Ion Ratio	Lower	Upper	
154	100		
153	113.8	91.2	136.8
152	55.6	43.8	65.8

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#52

3-Nitroaniline

Concen: 28.232 ng

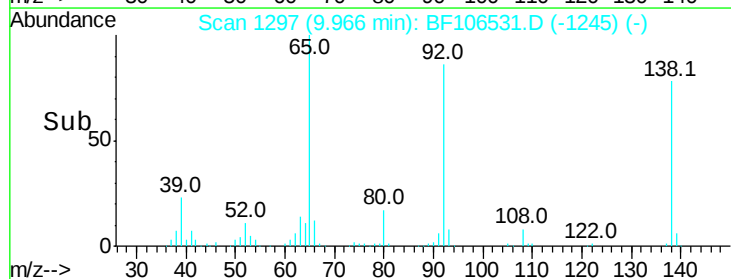
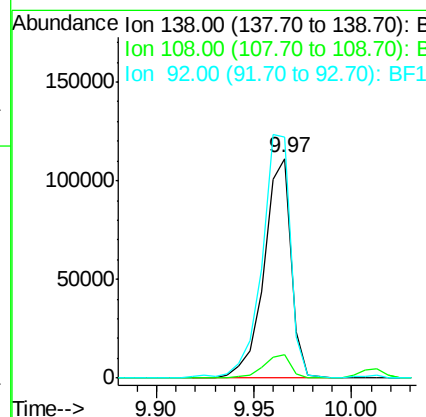
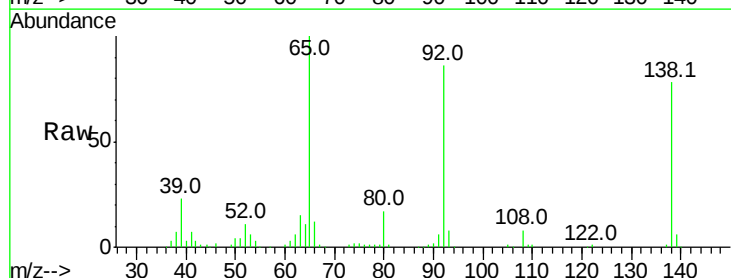
RT: 9.97 min Scan# 1297

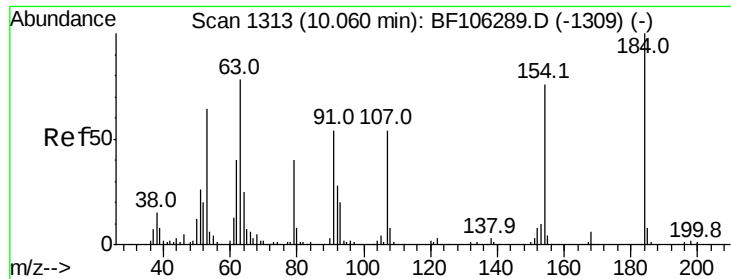
Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Tgt Ion:	138	Resp:	106876
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	109.6	89.4	134.2





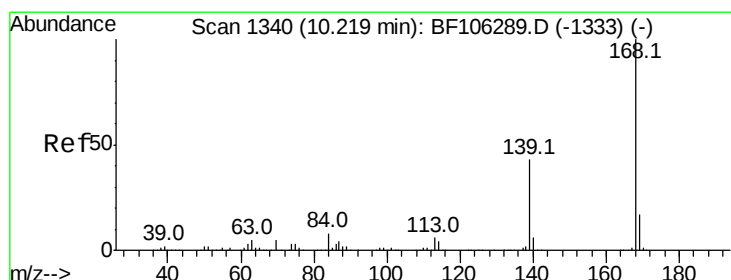
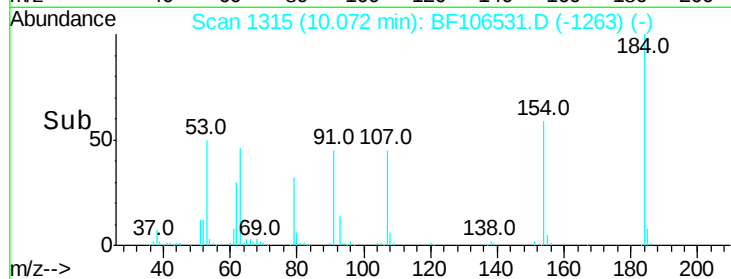
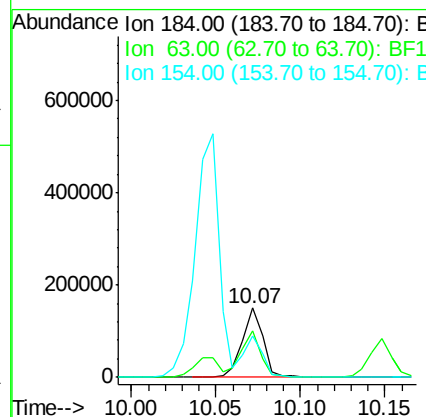
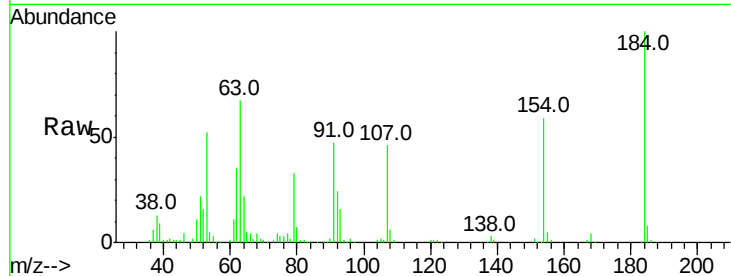
#53
 2,4-Dinitrophenol
 Concen: 87.900 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	67.1	54.2	81.2	
154	59.2	184.0	276.0	#

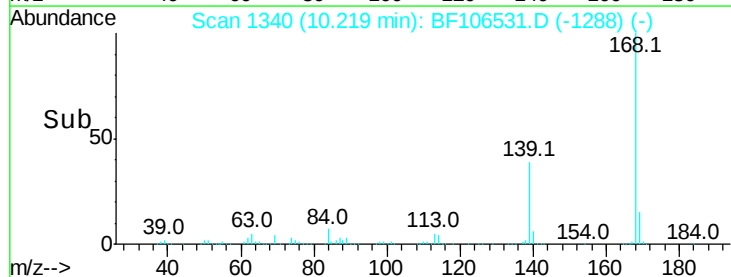
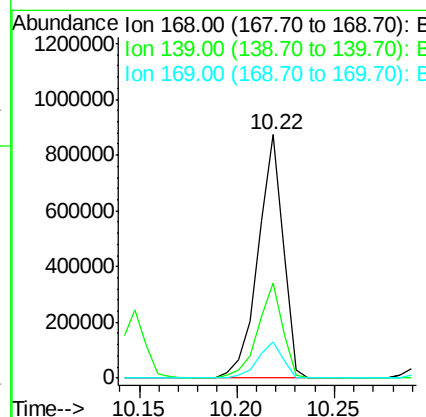
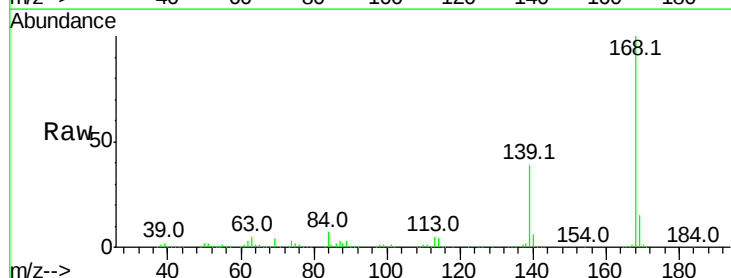
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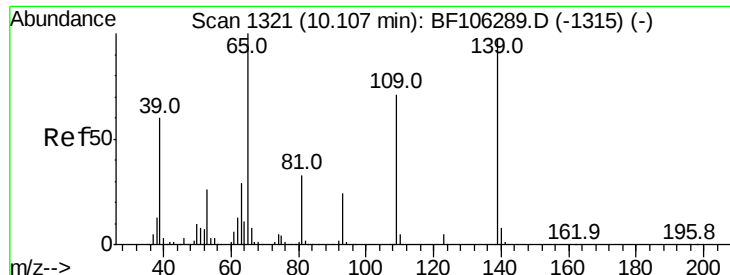
Sohil
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#54
 Dibenzofuran
 Concen: 43.019 ng
 RT: 10.22 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.1	30.1	45.1	
169	15.1	10.9	16.3	





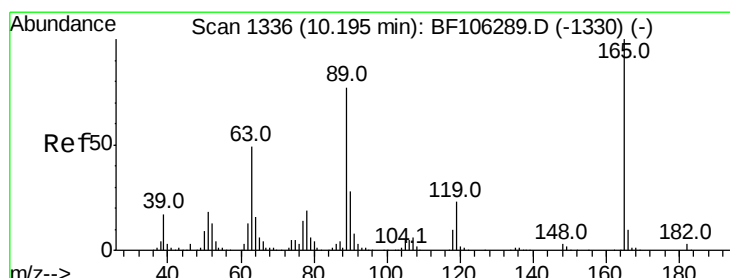
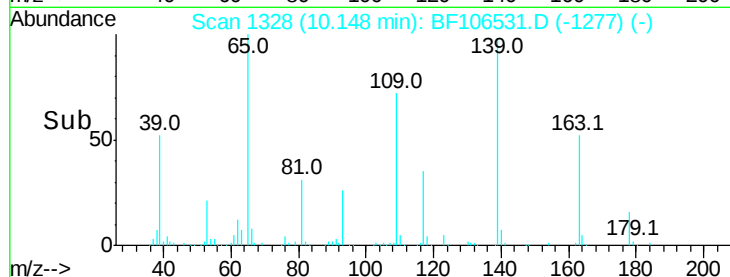
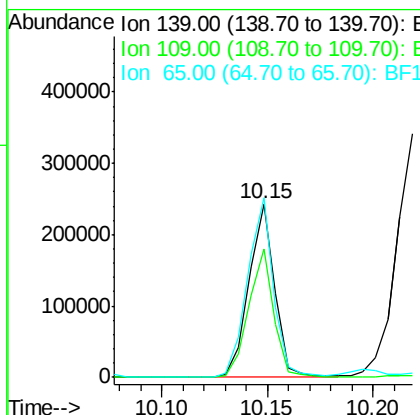
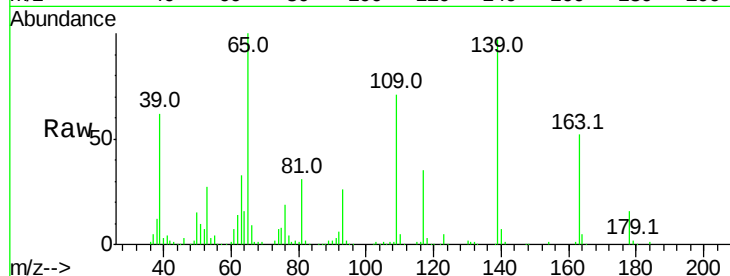
#55
4-Nitrophenol
Concen: 71.033 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	206113		
109	73.8	48.4	88.4	
65	103.2	72.6	112.6	

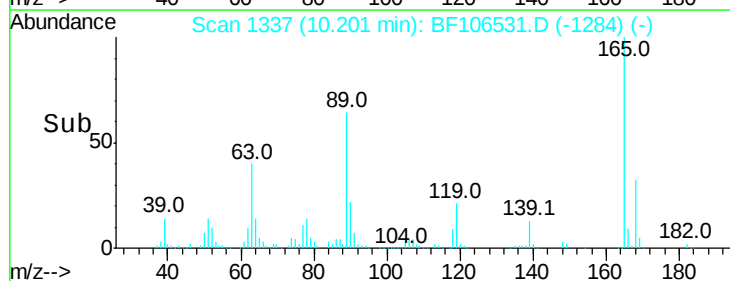
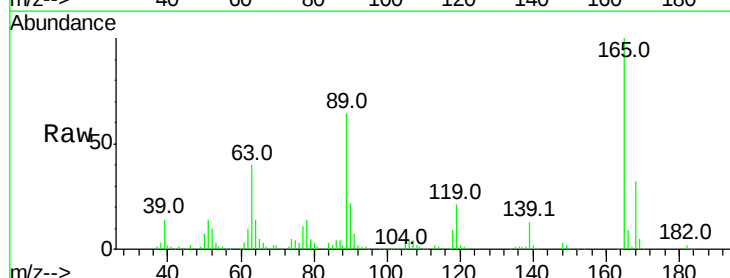
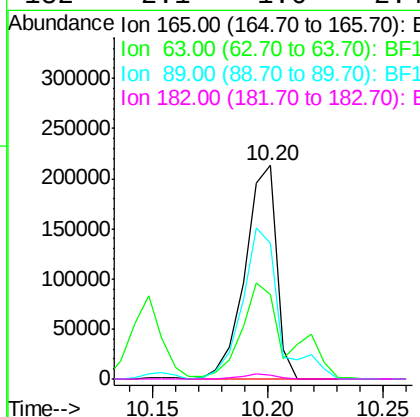
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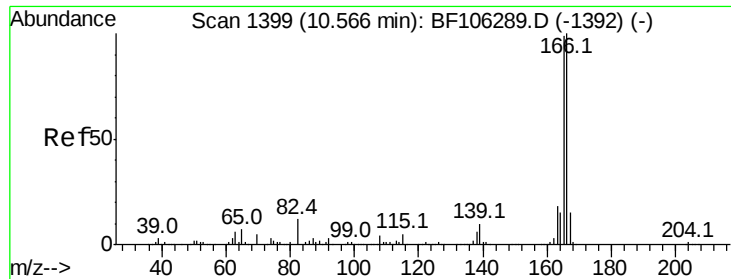
Sohil
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#56
2,4-Dinitrotoluene
Concen: 50.971 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	204153		
63	39.8	36.4	54.6	
89	63.8	57.8	86.6	
182	2.1	1.6	2.4	





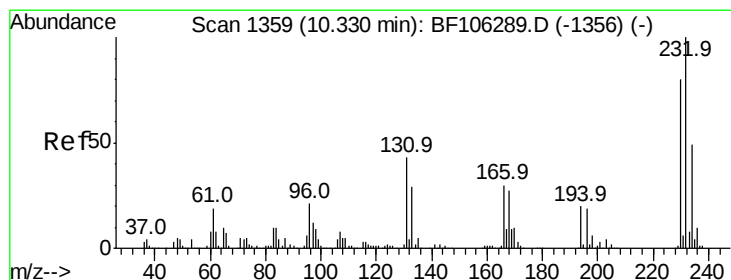
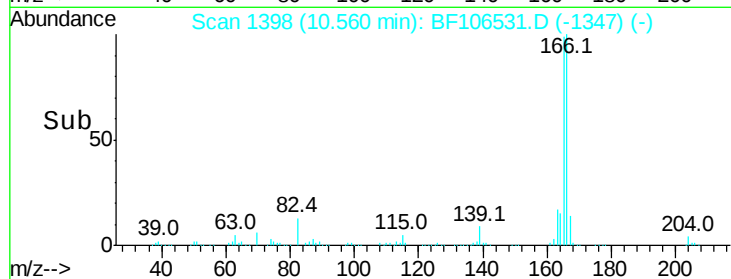
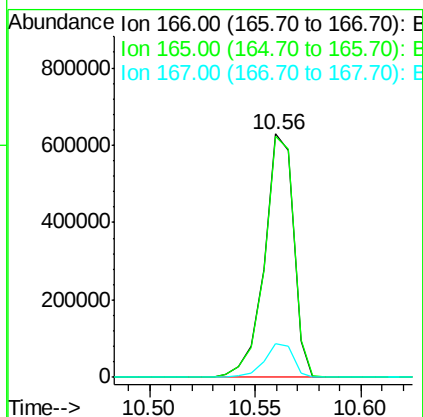
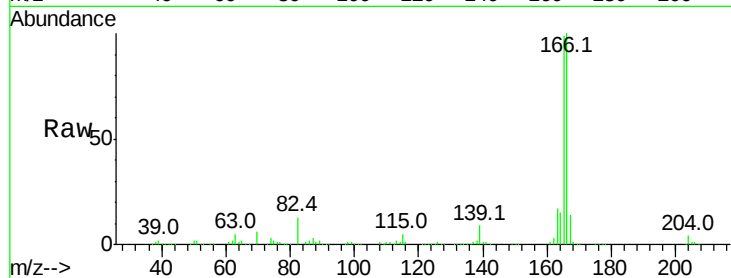
#57
 Fluorene
 Concen: 42.178 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.0	79.8	119.8	
167	13.7	10.6	16.0	

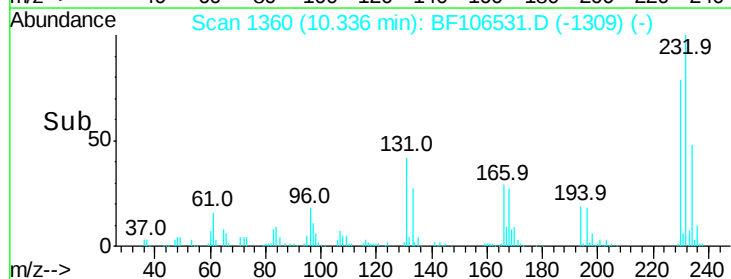
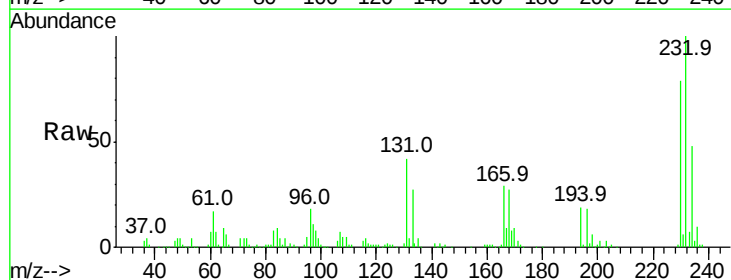
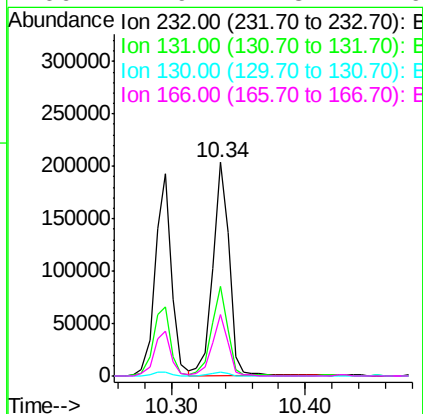
Manual Integrations
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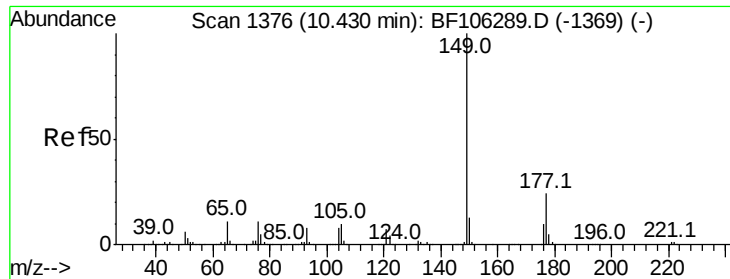
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.864 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.9	43.8	65.8#	
130	2.0	2.1	3.1#	
166	27.9	27.8	41.6	





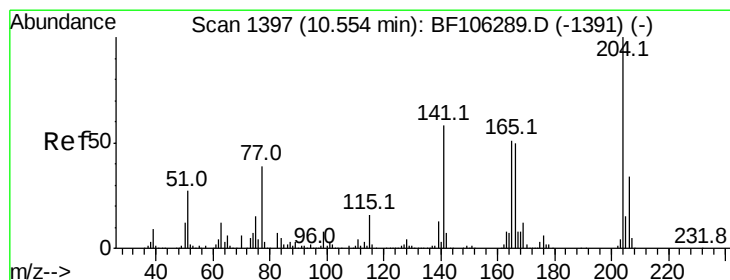
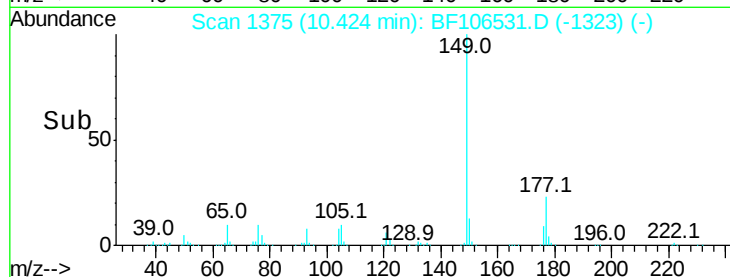
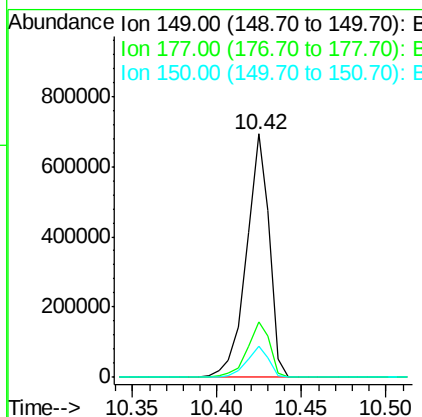
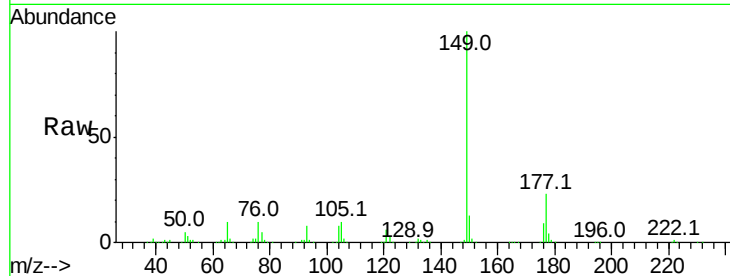
#59
Diethylphthalate
Concen: 42.043 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	651604		
177	22.8	16.1	24.1	
150	12.6	10.1	15.1	

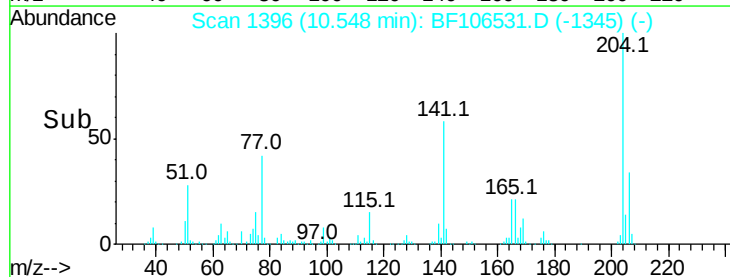
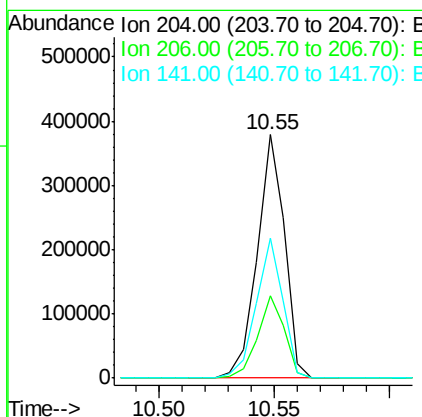
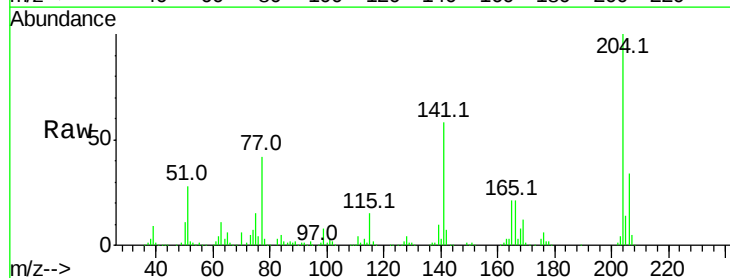
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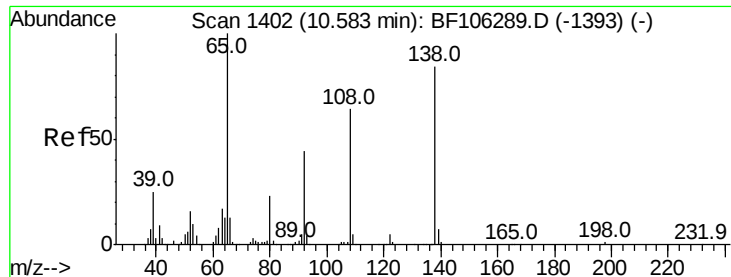
Sohil
6/19/2018 5:59:37 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.751 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	313736		
206	33.6	26.5	39.7	
141	57.6	54.6	81.8	





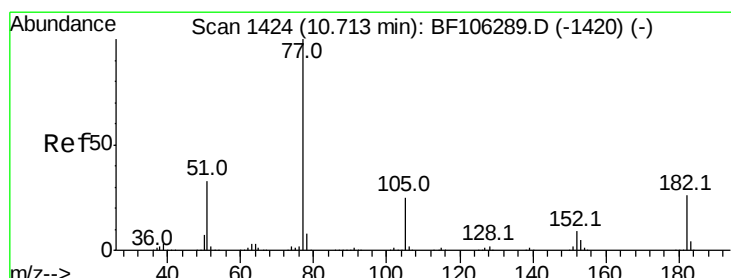
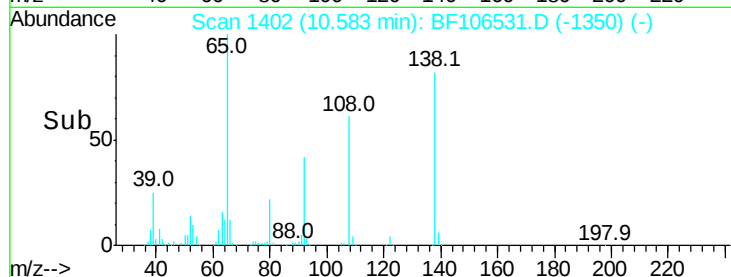
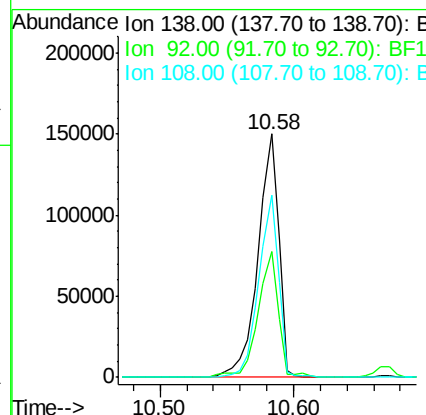
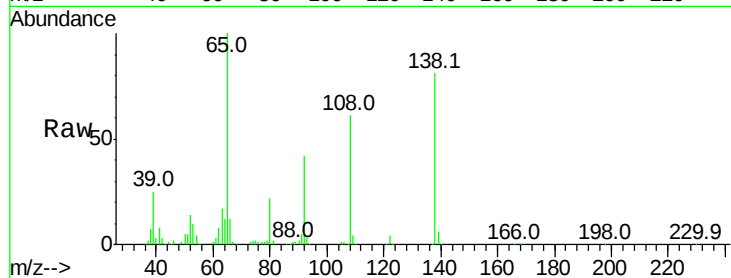
#61
4-Nitroaniline
Concen: 43.343 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.5	30.2	70.2
108	75.0	52.5	92.5

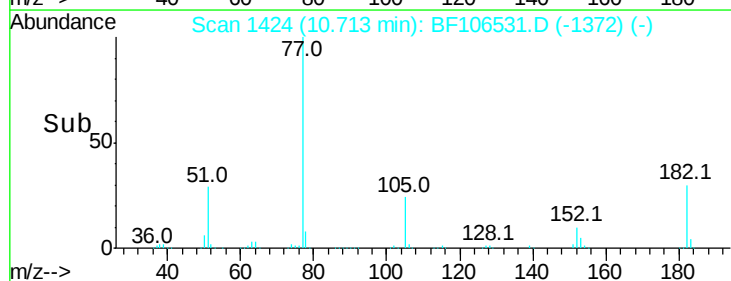
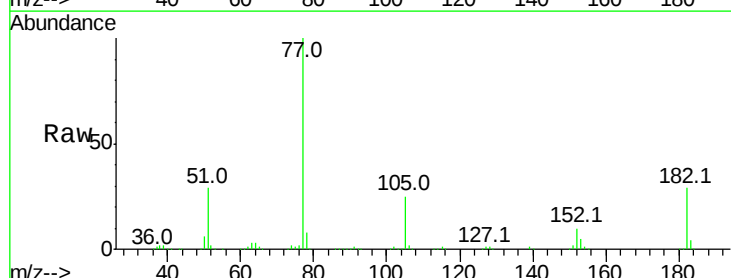
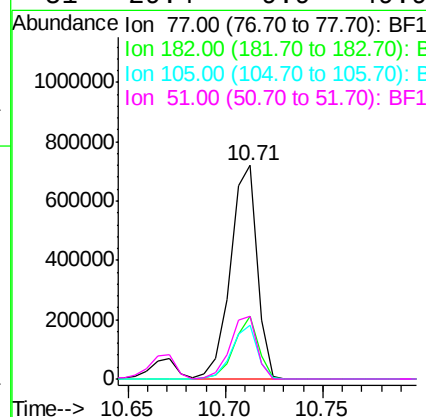
Manual Integrations
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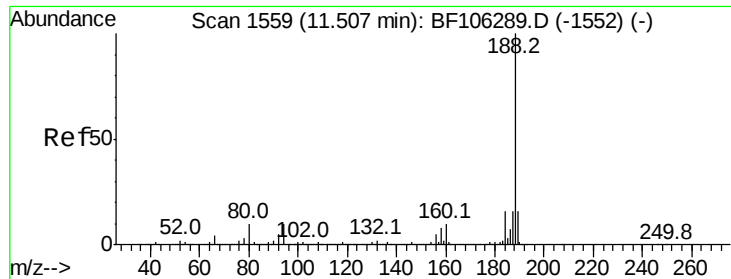
Sohil
6/19/2018 5:59:37 PM



#62
Azobenzene
Concen: 42.330 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.5	1.7	41.7
105	25.1	3.0	43.0
51	29.4	9.9	49.9





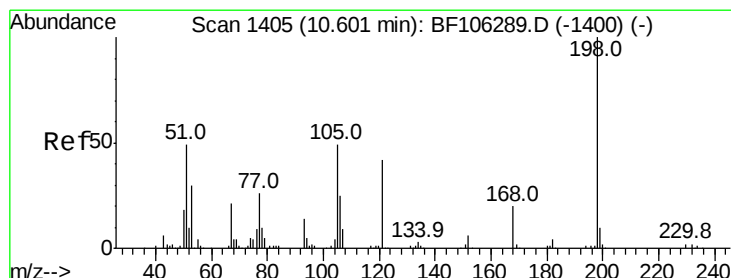
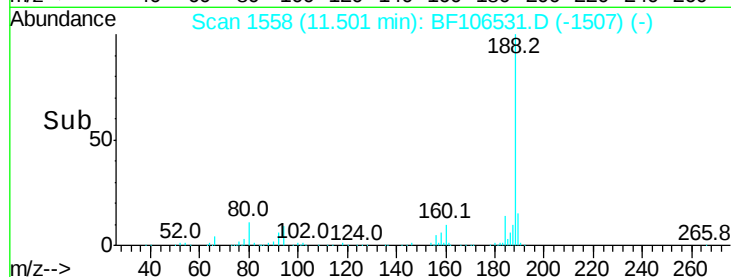
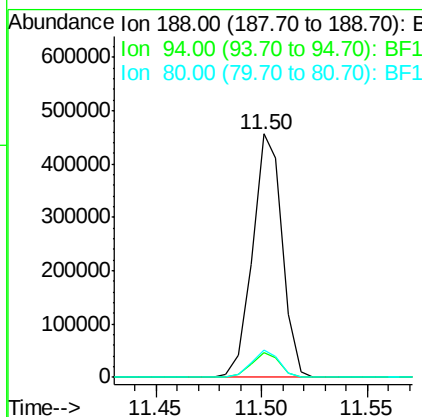
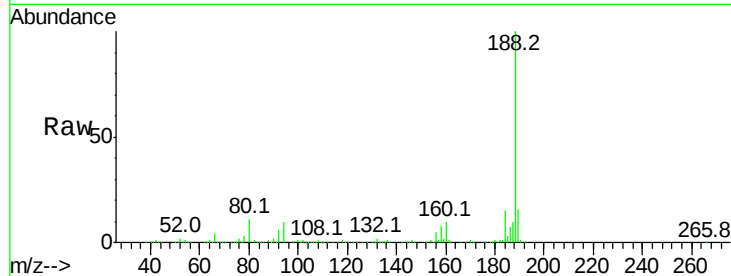
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	444395		
94	10.0		8.5	12.7
80	11.1		9.2	13.8

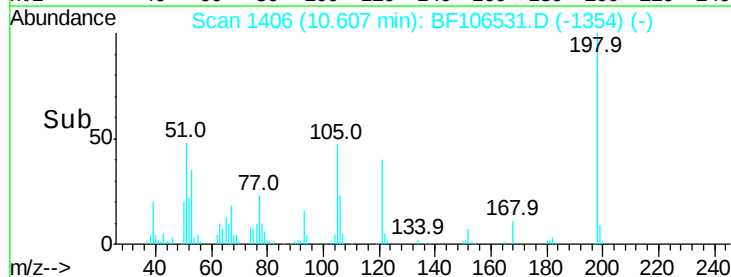
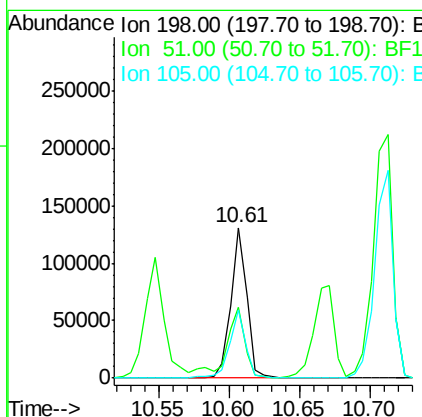
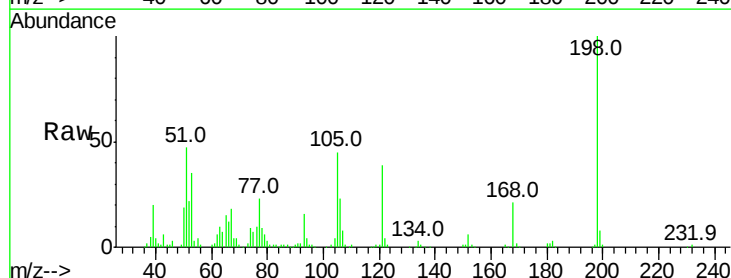
Manual Integrations
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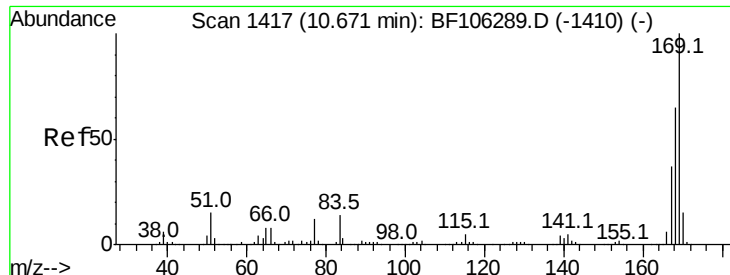
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.893 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	103738		
51	46.8		37.7	77.7
105	45.3		36.3	76.3





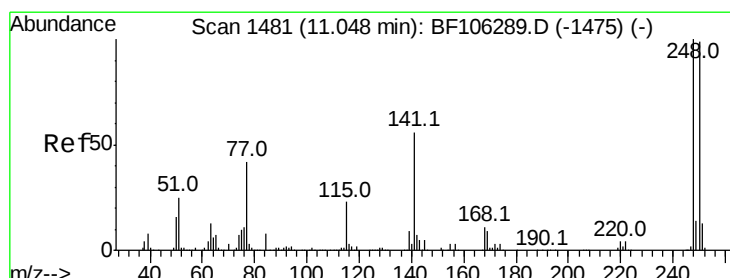
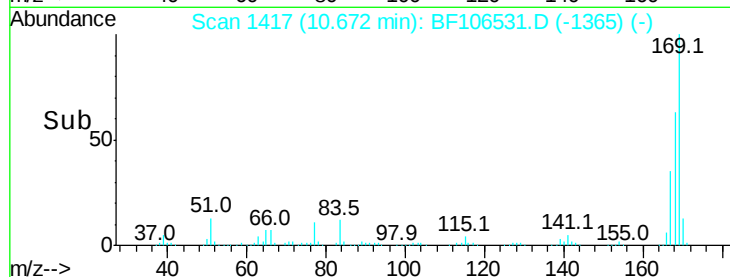
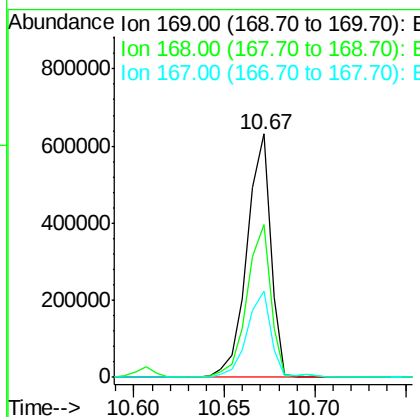
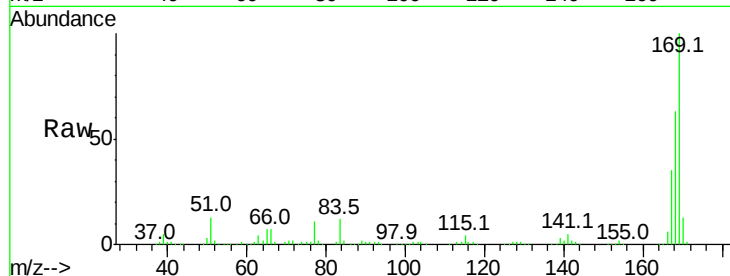
#65
 n-Nitrosodiphenylamine
 Concen: 38.457 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	62.9	54.4	81.6	
167	35.2	29.8	44.6	

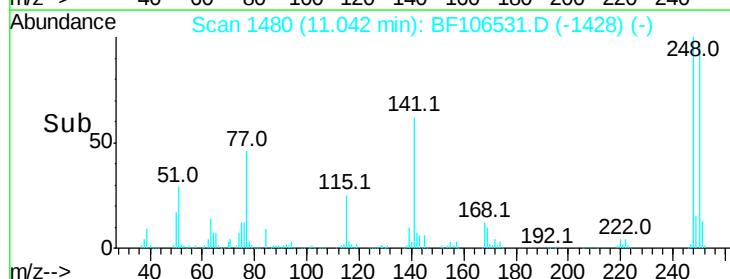
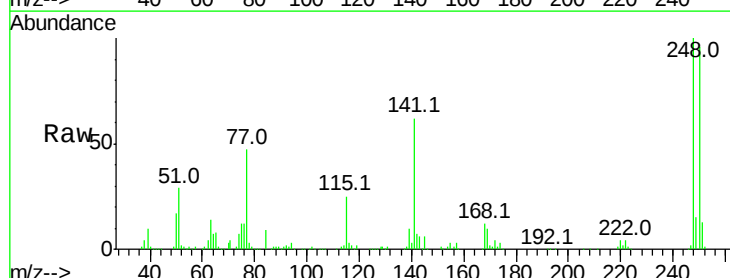
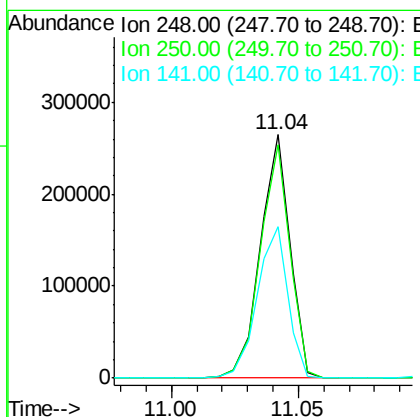
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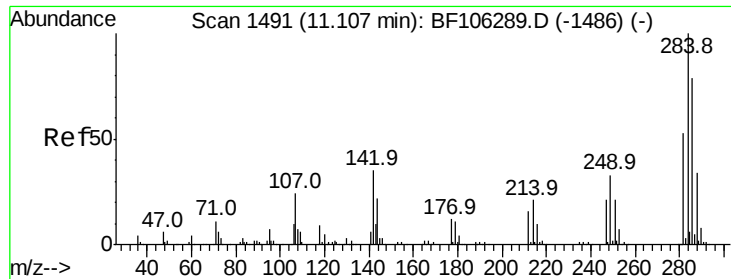
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 43.017 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.0	76.9	115.3	
141	62.3	74.4	111.6	





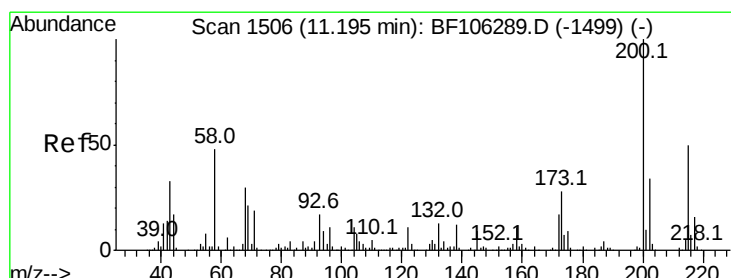
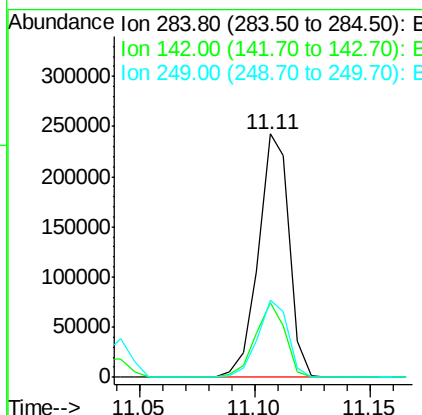
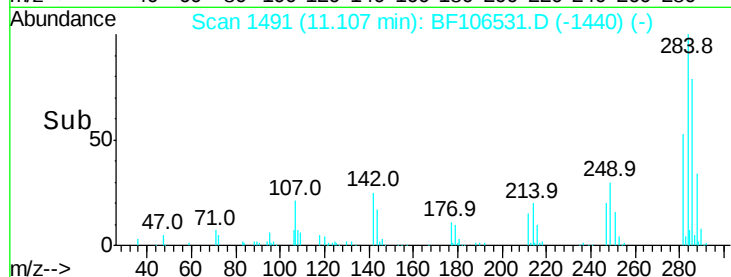
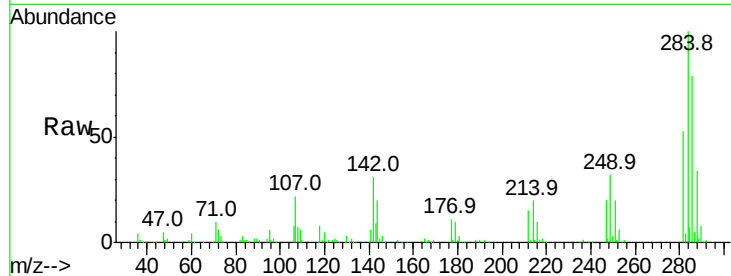
#67
Hexachlorobenzene
Concen: 43.187 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.9	34.6	52.0	
249	31.8	24.8	37.2	

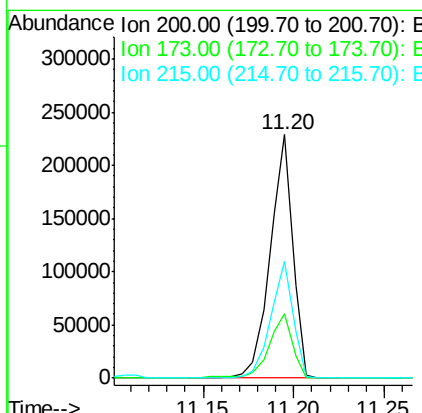
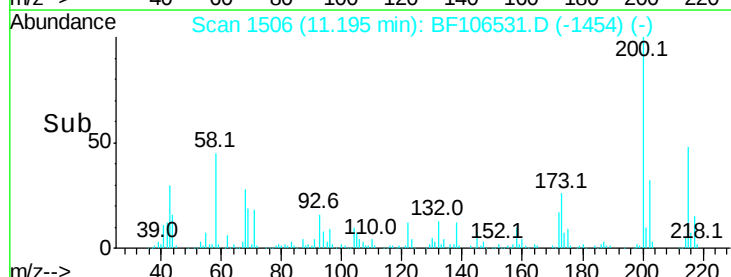
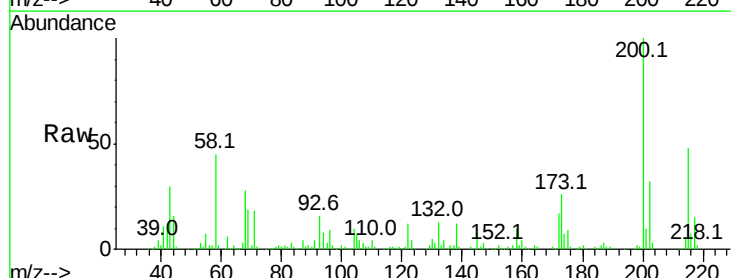
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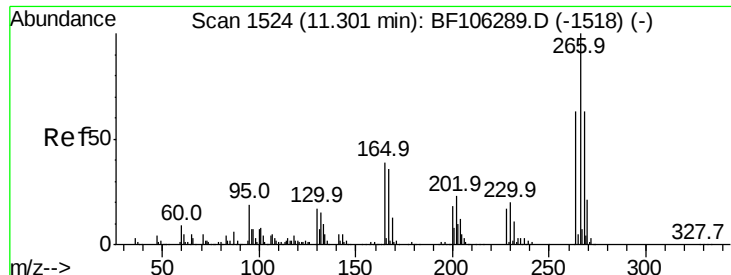
Sohil
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#68
Atrazine
Concen: 42.874 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.4	8.6	48.6	
215	48.2	25.1	65.1	





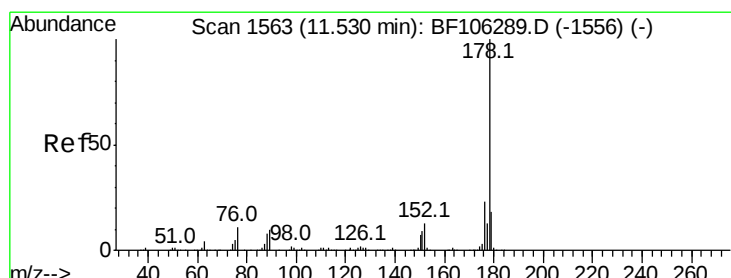
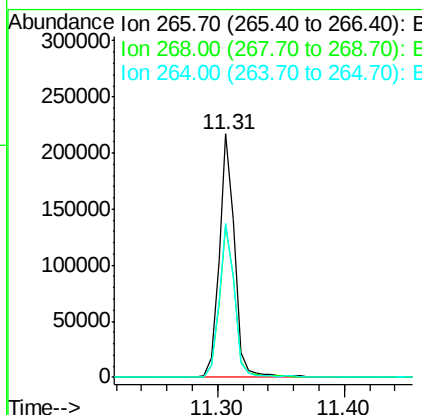
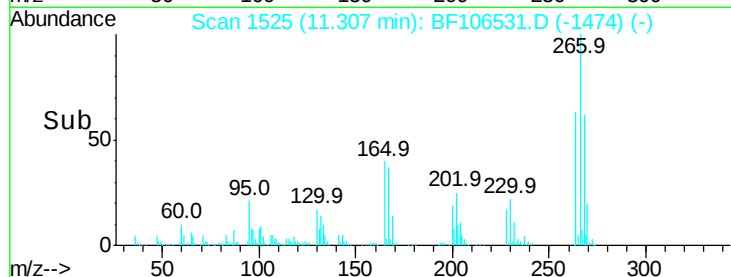
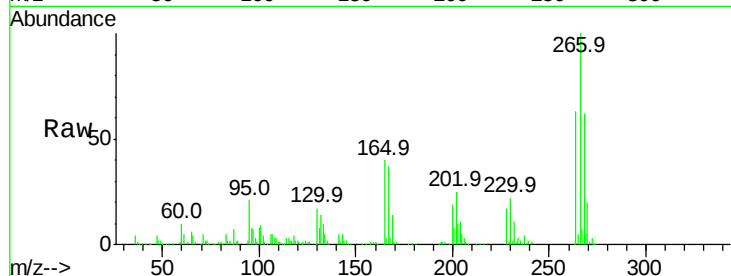
#69
 Pentachlorophenol
 Concen: 57.881 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion	Ratio	Resp Lower	Upper
266	100		
268	62.1	51.1	76.7
264	63.4	49.5	74.3

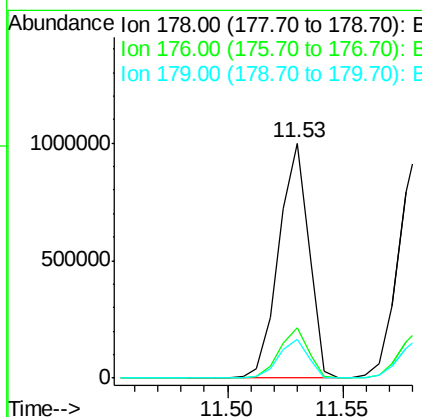
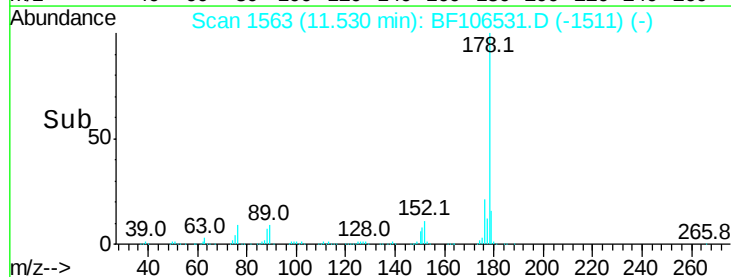
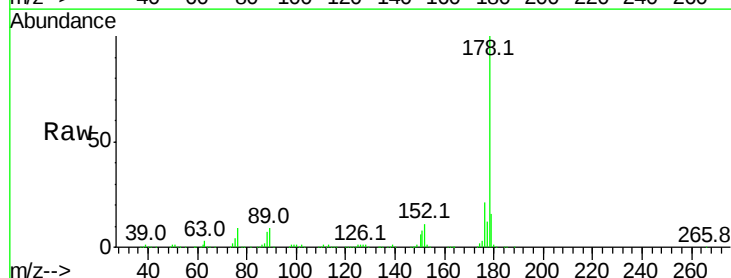
Manual Integrations
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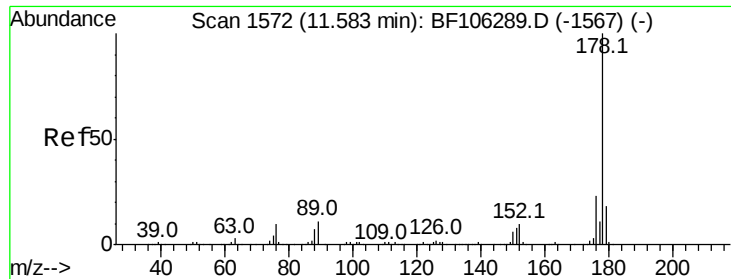
Sohil
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#70
 Phenanthrene
 Concen: 41.275 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	21.3	15.8	23.8
179	16.3	13.0	19.6





#71

Anthracene

Concen: 42.939 ng

RT: 11.58 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

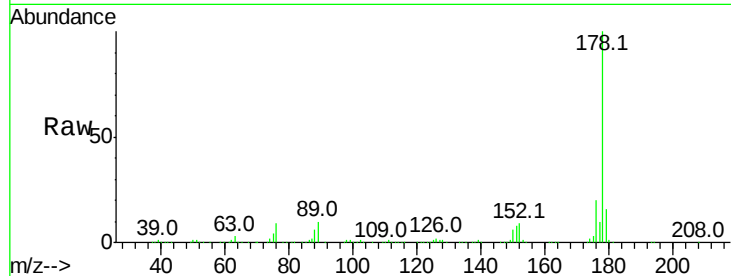
ClientSampleId :

PB110266BSD

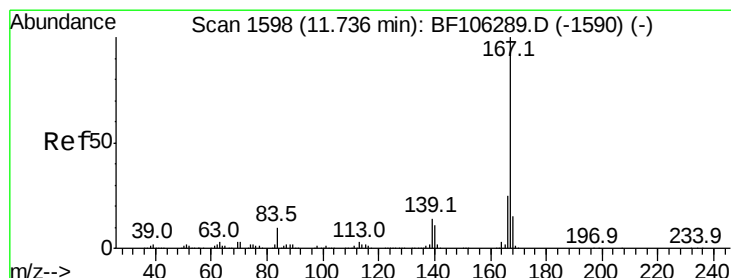
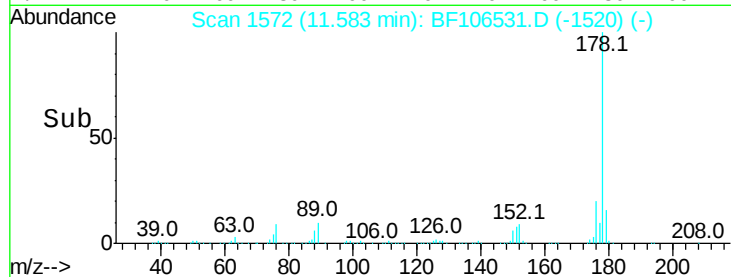
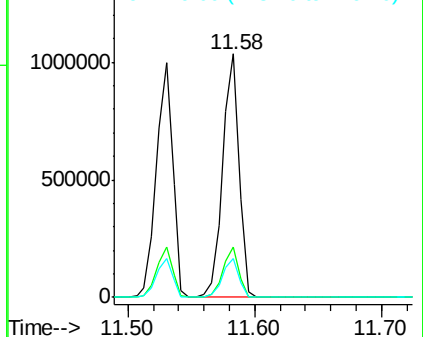
Tot Ion:178	Resp:	936207
Ion Ratio	Lower	Upper
178 100		
176 20.4	15.4	23.2
179 16.0	12.6	19.0

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



#72

Carbazole

Concen: 40.383 ng

RT: 11.74 min Scan# 1598

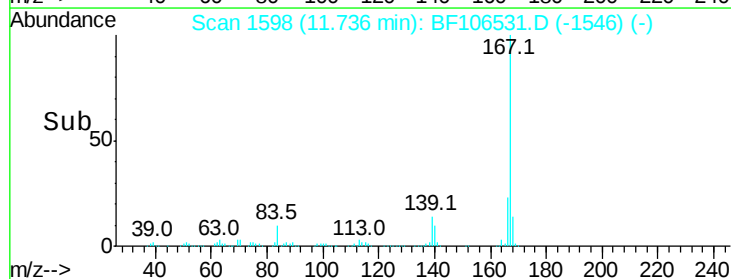
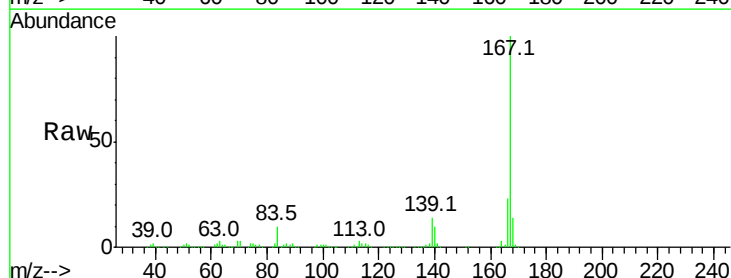
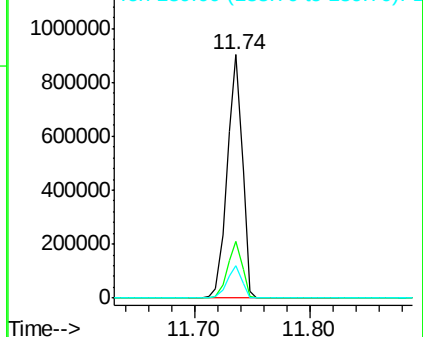
Delta R.T. 0.01 min

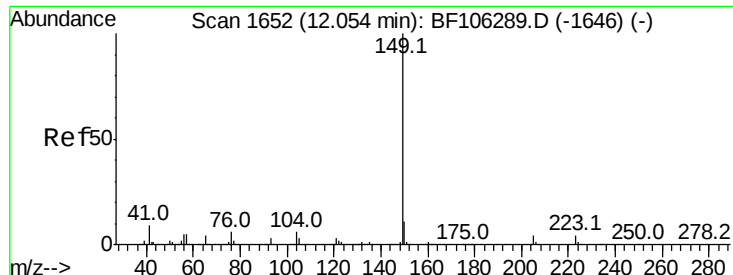
Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Tgt Ion:167	Resp:	812875
Ion Ratio	Lower	Upper
167 100		
166 23.2	17.6	26.4
139 13.6	10.9	16.3

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.846 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

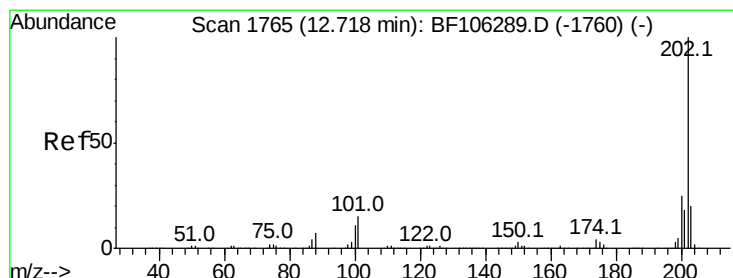
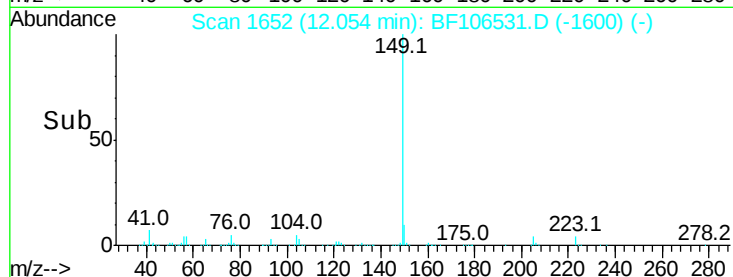
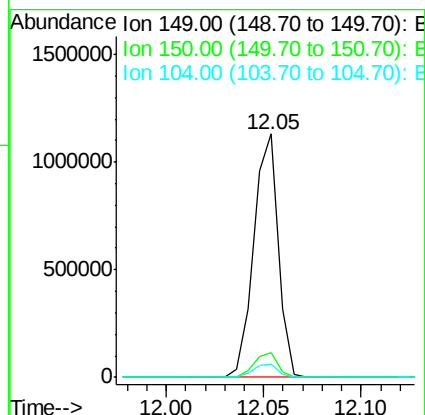
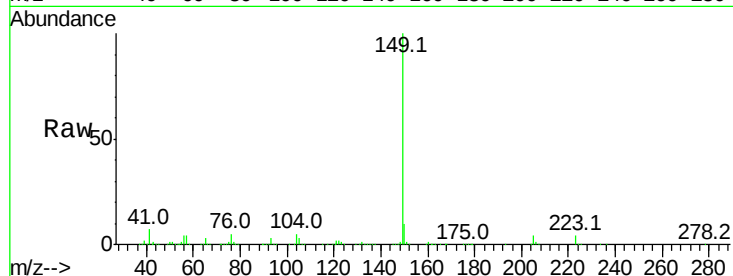
ClientSampleId :

PB110266BSD

Tot Ion:	149	Resp:	982281
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.8	11.6
104	5.2	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 42.560 ng

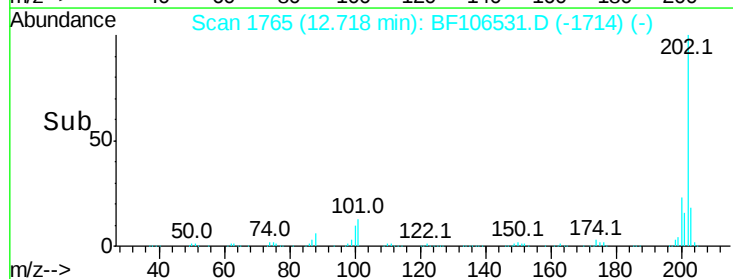
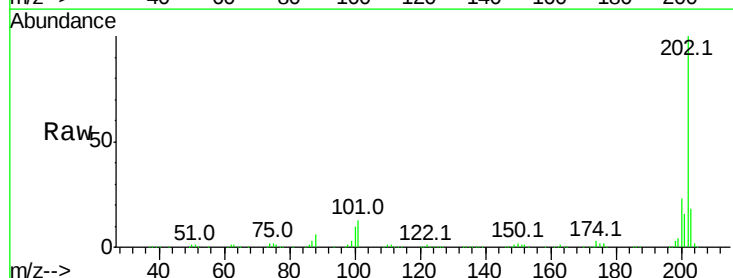
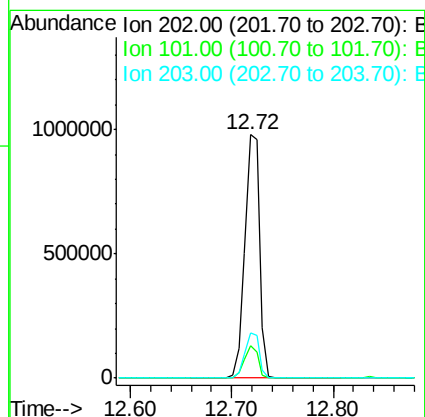
RT: 12.72 min Scan# 1765

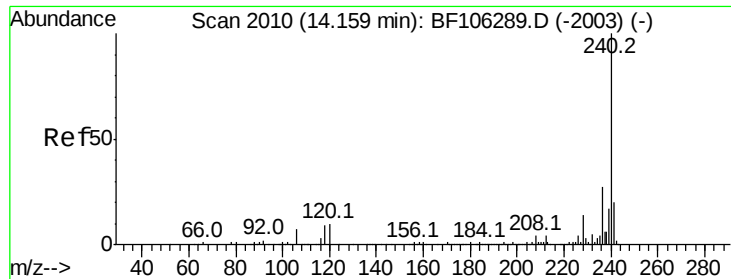
Delta R.T. 0.00 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Tgt Ion:	202	Resp:	987805
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	34.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.02 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

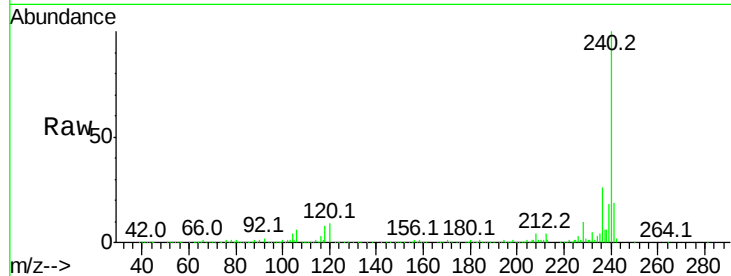
ClientSampleId :

PB110266BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	26.5	20.7	31.1

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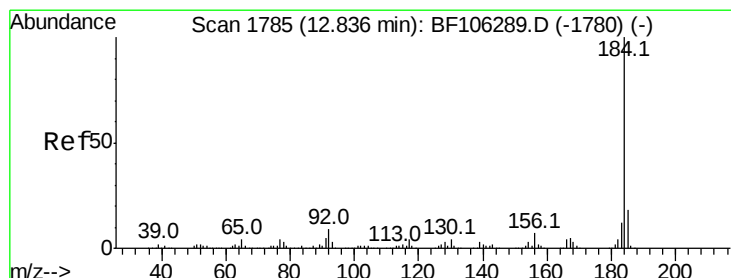
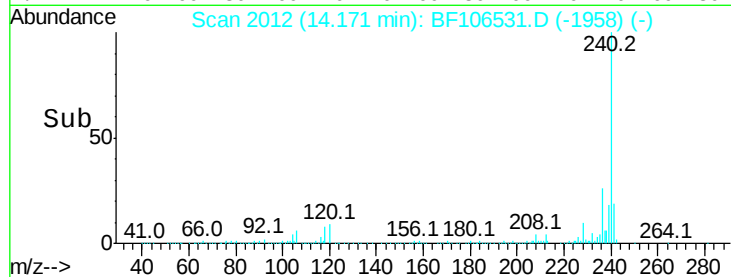
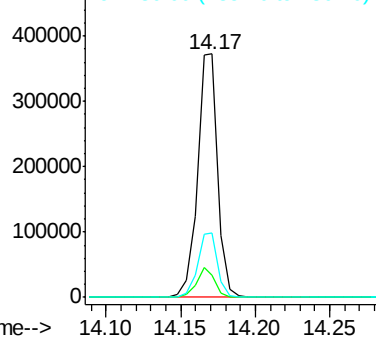
Sohil
6/19/2018 5:59:37 PM



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: 42.115 ng

RT: 12.84 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF106531.D

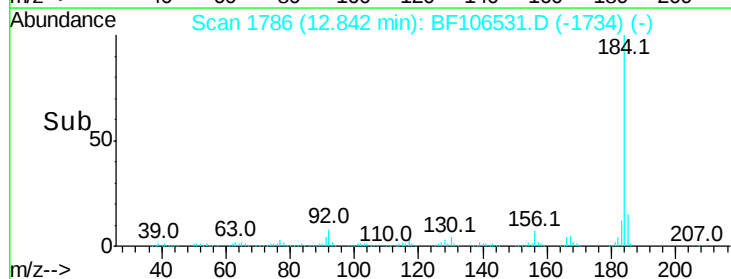
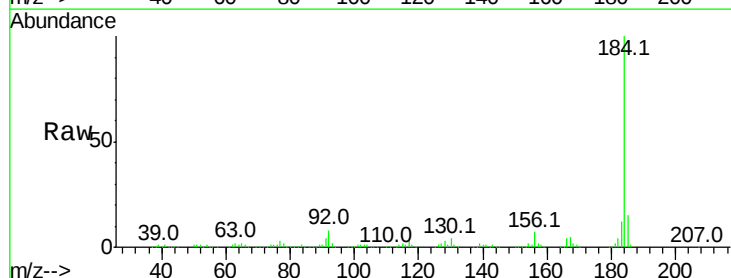
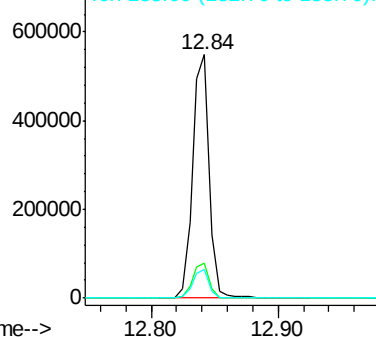
Acq: 18 Jun 2018 11:58

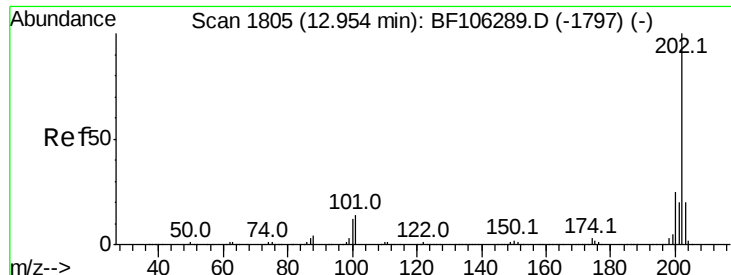
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	18.8
183	11.9	9.3	13.9

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





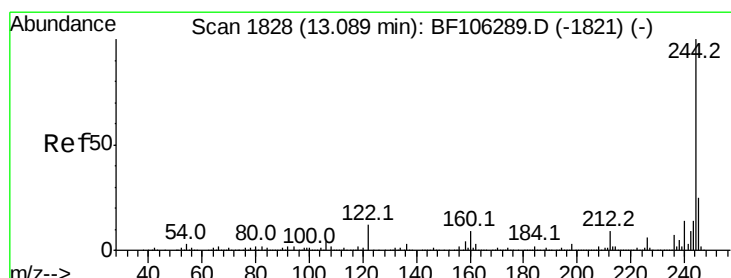
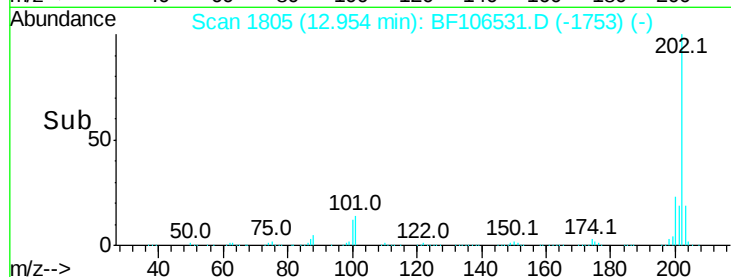
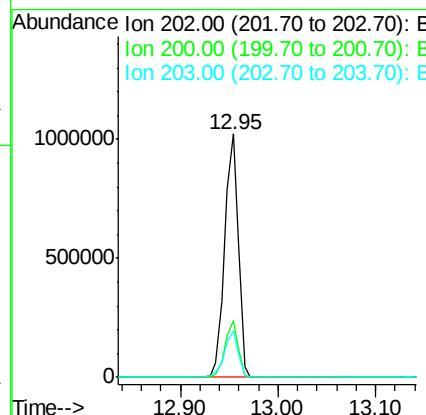
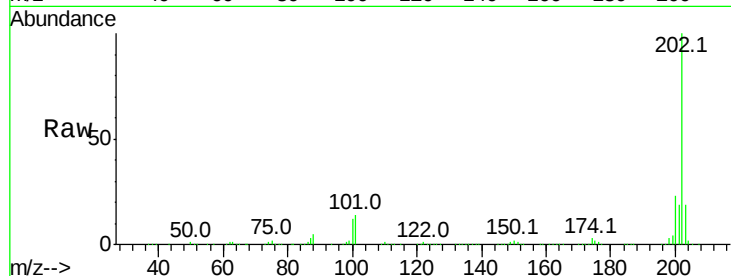
#77
Pvrene
Concen: 44.487 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	996479		
200	23.1		17.4	26.2
203	19.0		14.3	21.5

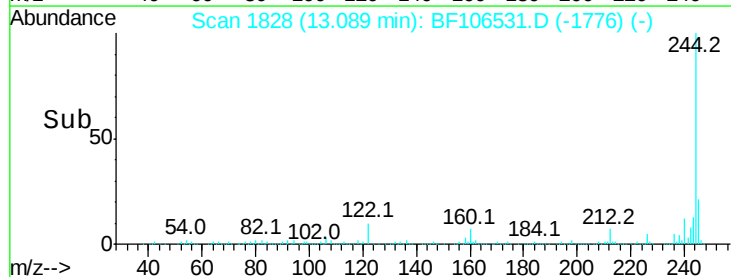
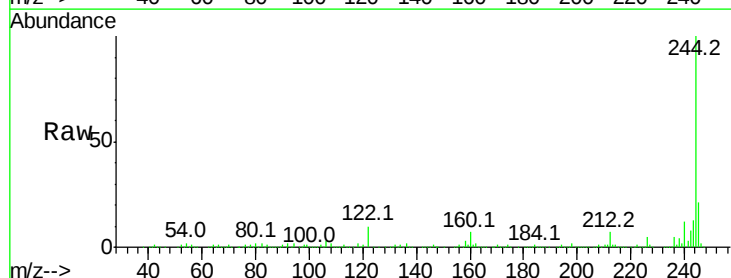
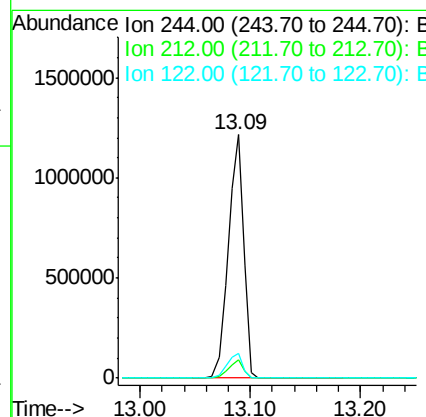
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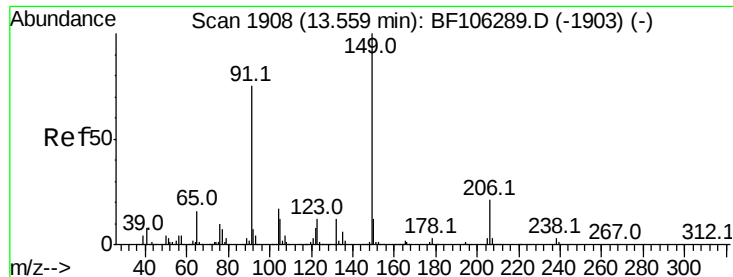
Sohil
6/19/2018 5:59:37 PM



#78
Terphenyl-d14
Concen: 81.913 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1179929		
212	7.3		5.4	8.0
122	10.2		11.0	16.4





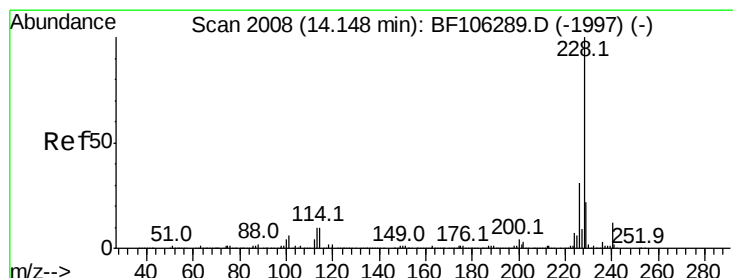
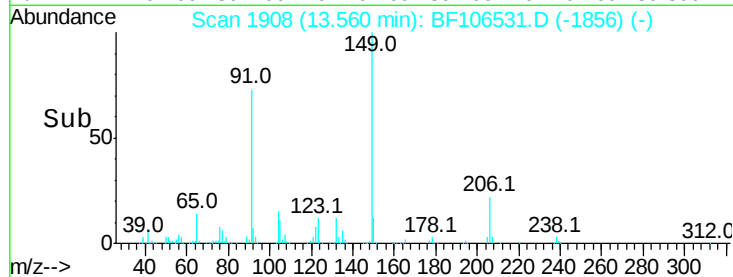
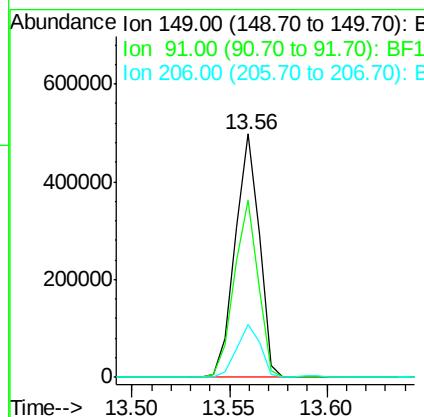
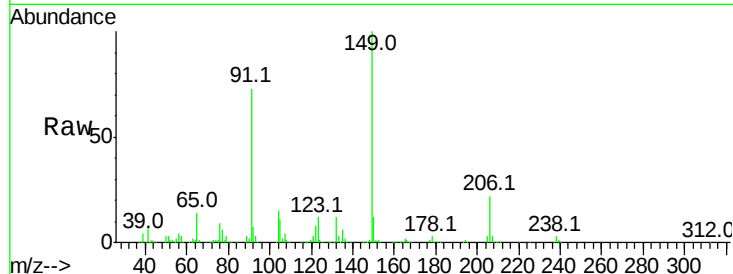
#79
 Butylbenzylphthalate
 Concen: 50.988 ng
 RT: 13.56 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	427513		
91	72.9	56.8	85.2	
206	21.7	14.1	21.1	

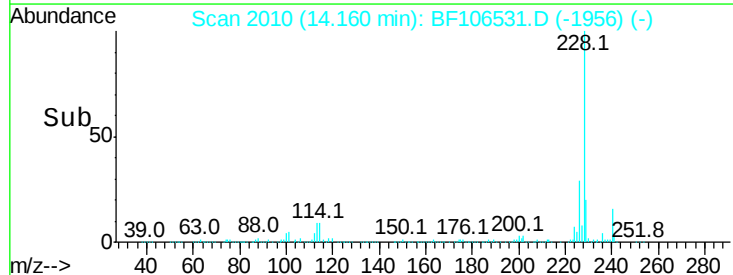
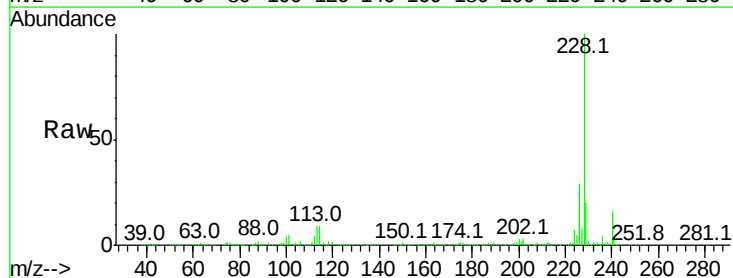
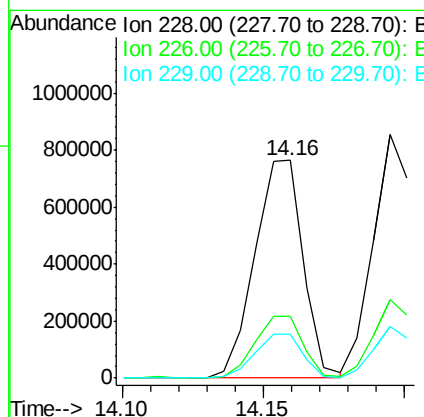
Manual Integrations
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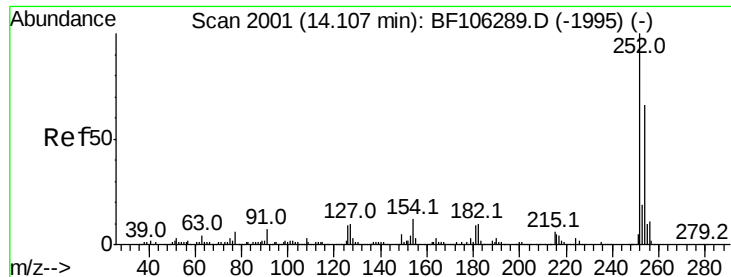
Sohil
 6/19/2018 5:59:37 PM



#80
 Benzo(a)anthracene
 Concen: 42.538 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. 0.02 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	905682		
226	28.7	22.6	33.8	
229	20.1	15.8	23.6	





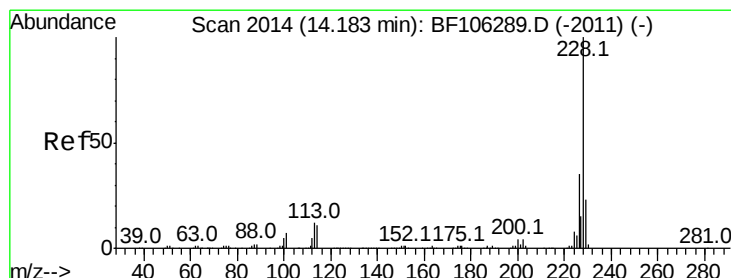
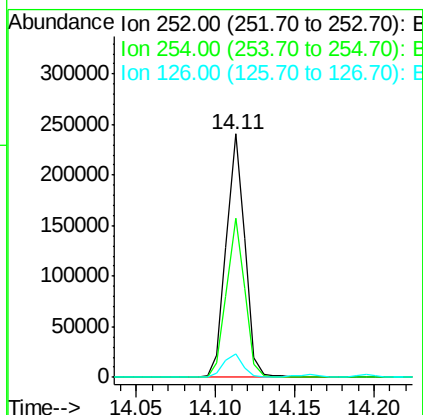
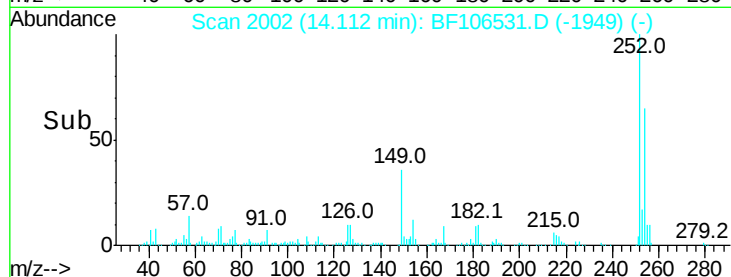
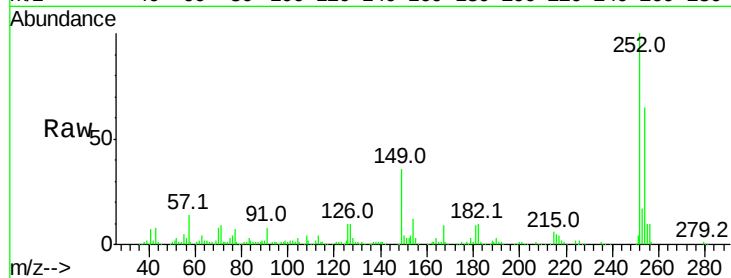
#81
 3,3'-Dichlorobenzidine
 Concen: 27.286 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	50.4	75.6
126	9.7	11.3	16.9

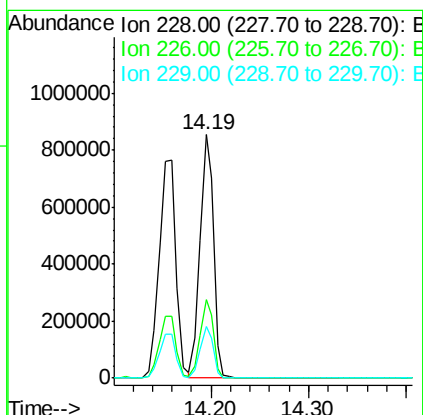
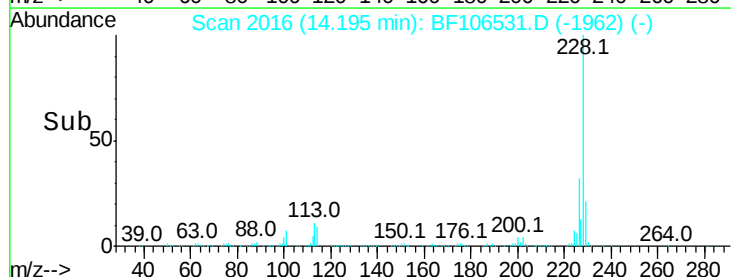
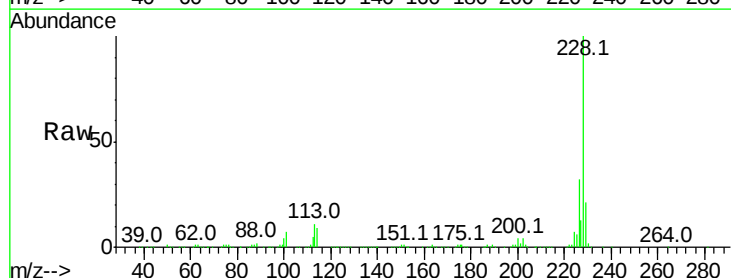
Manual Integrations
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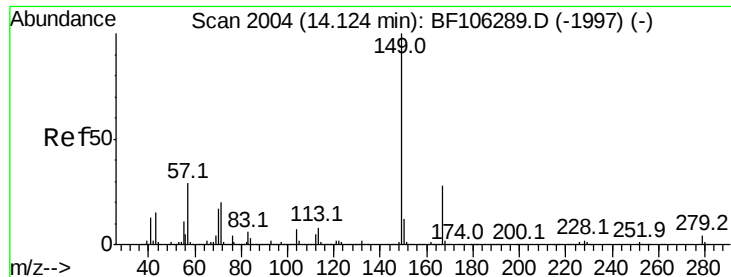
Sohil
 6/19/2018 5:59:37 PM



#82
 Chrysene
 Concen: 42.182 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. 0.02 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.1	25.0	37.6
229	21.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.635 ng

RT: 14.12 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

Tot Ion:149 Resp: 572668

Ion Ratio Lower Upper

149 100

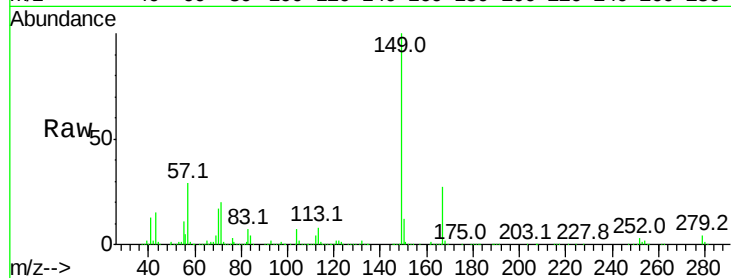
167 26.5 21.3 31.9

279 3.9 3.0 4.4

Manual Integrations
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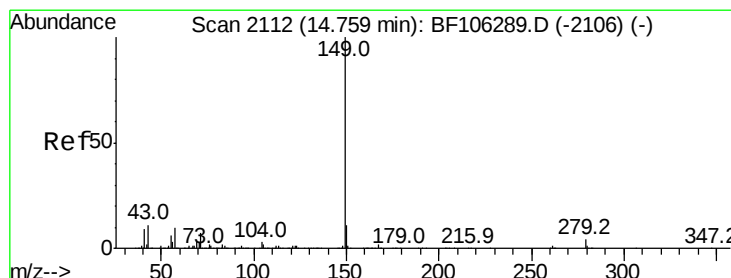
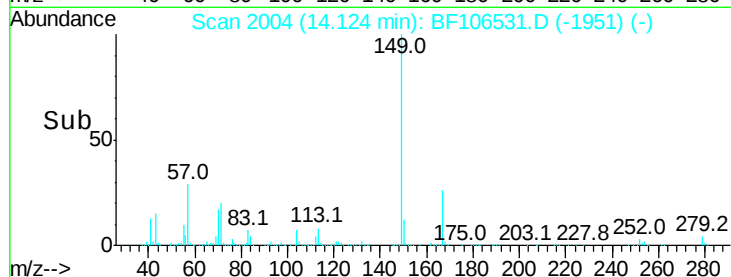
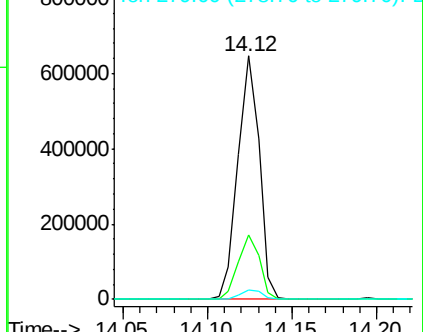
6/19/2018 5:59:37 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.087 ng

RT: 14.77 min Scan# 2114

Delta R.T. 0.04 min

Lab File: BF106531.D

Acq: 18 Jun 2018 11:58

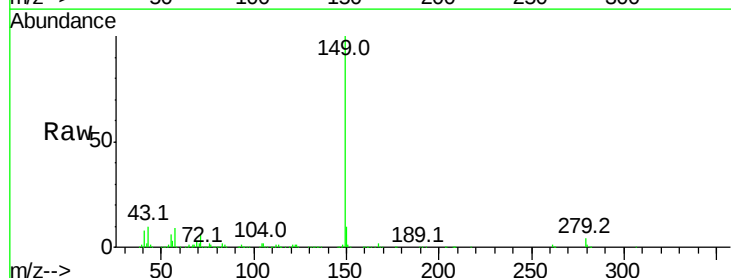
Tgt Ion:149 Resp: 850757

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

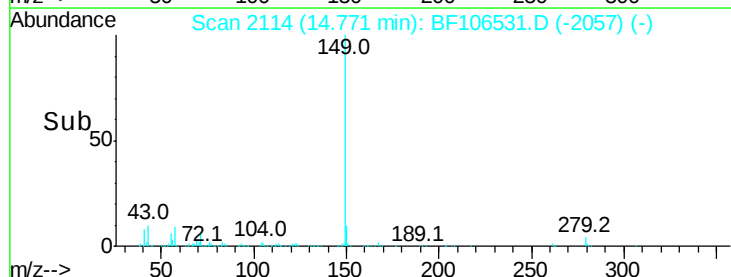
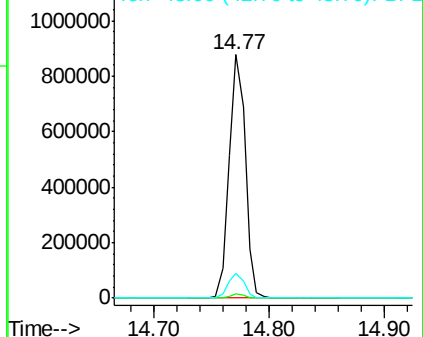
43 10.0 8.4 12.6

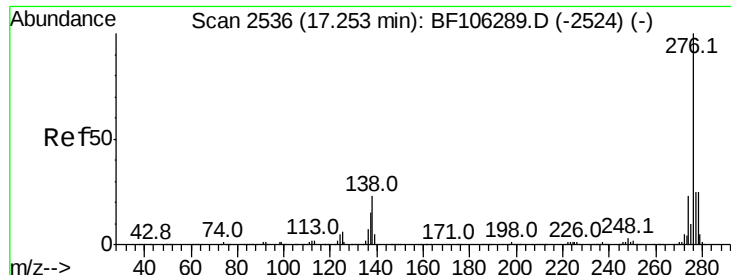


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





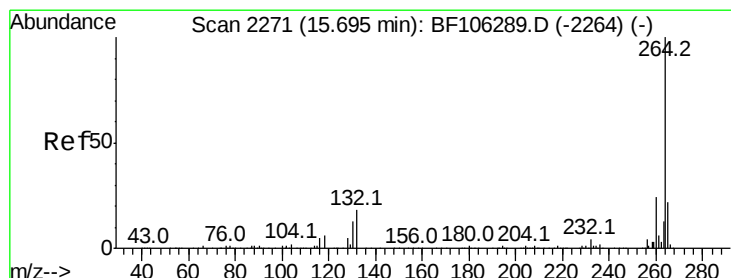
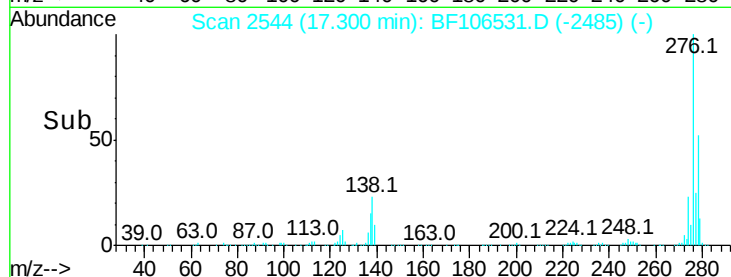
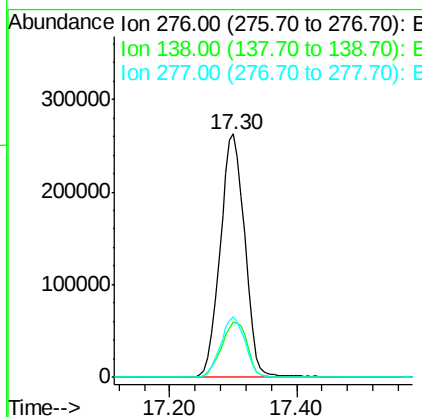
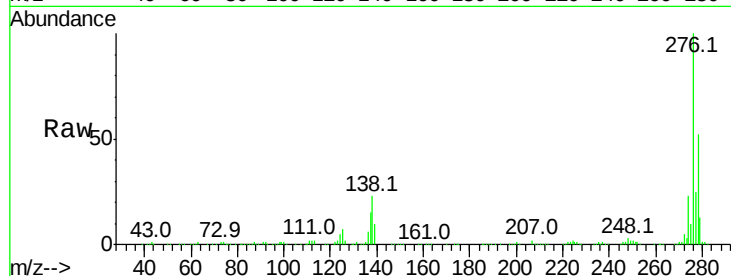
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.819 ng
RT: 17.30 min Scan# 2544
Delta R.T. 0.05 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	25.0	37.6#
277	25.0	20.1	30.1

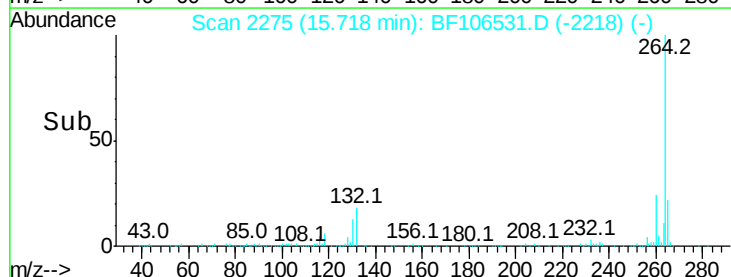
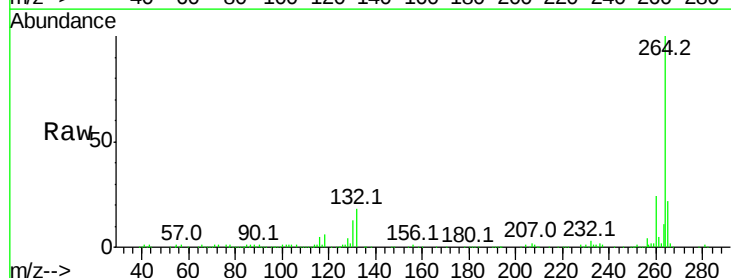
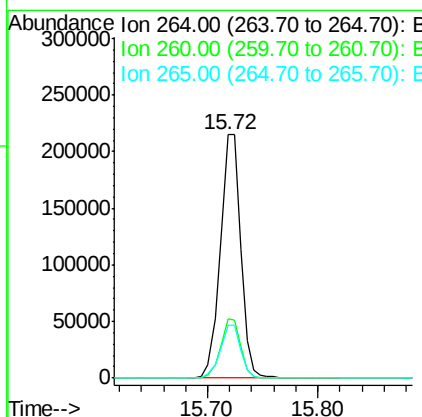
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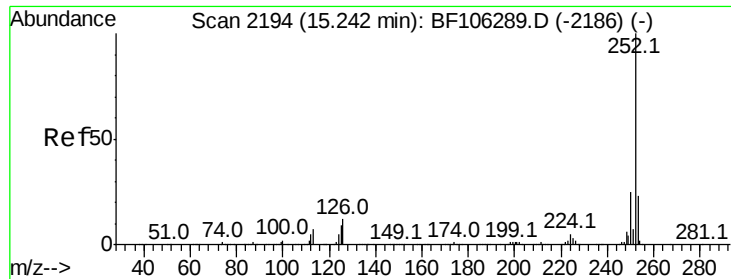
Sohil
6/19/2018 5:59:37 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.04 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3





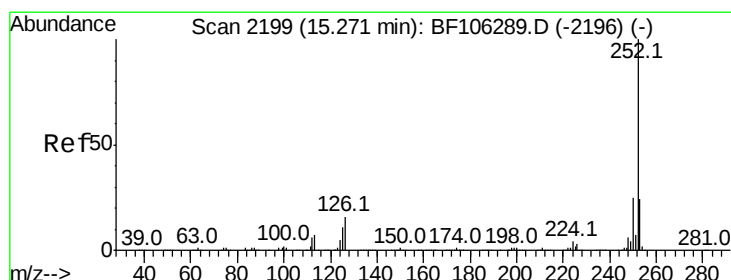
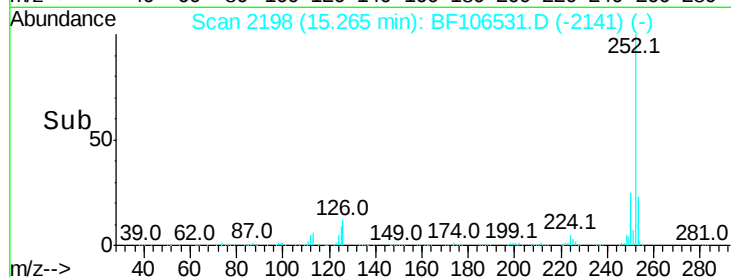
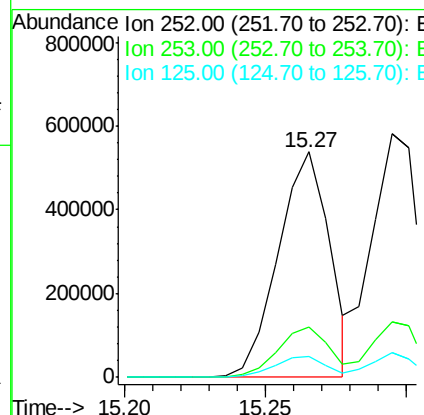
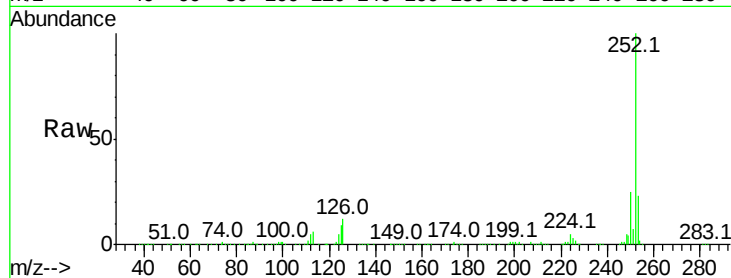
#87
Benzo(b)fluoranthene
Concen: 40.255 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.04 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	9.1	9.0	13.6

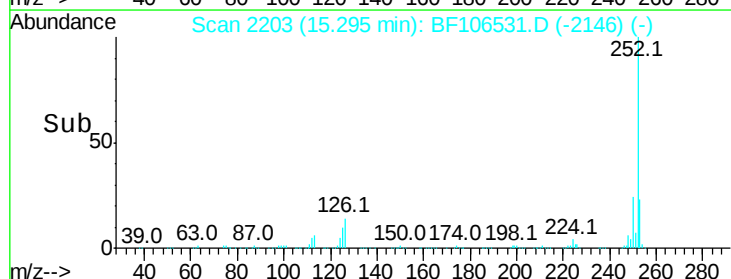
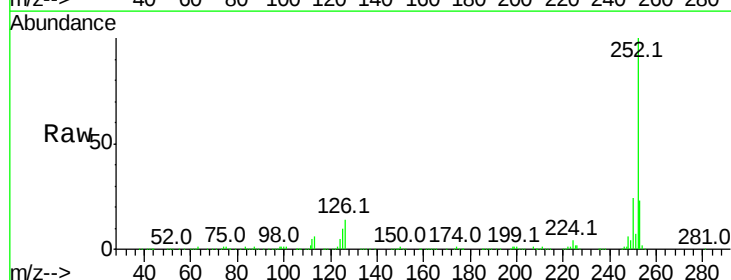
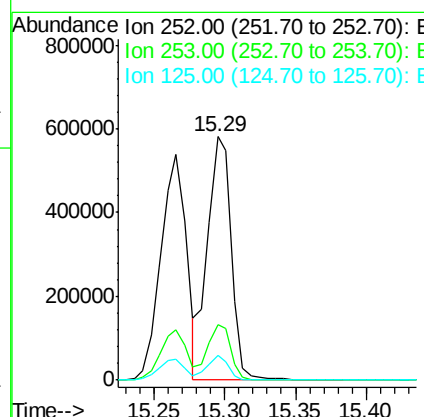
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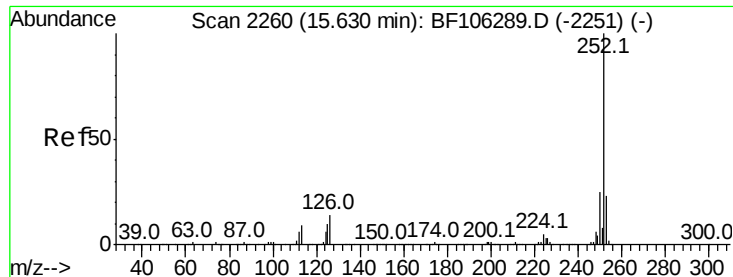
Sohil
6/19/2018 5:59:37 PM



#88
Benzo(k)fluoranthene
Concen: 40.447 ng
RT: 15.29 min Scan# 2203
Delta R.T. 0.04 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.2	10.2	15.2





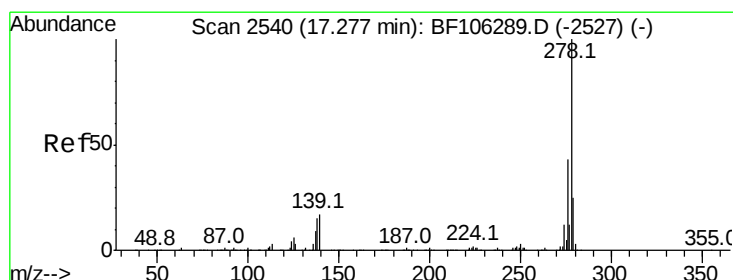
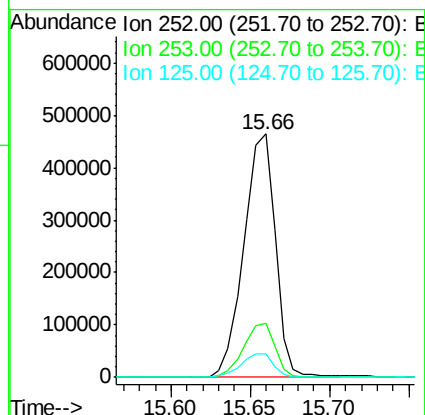
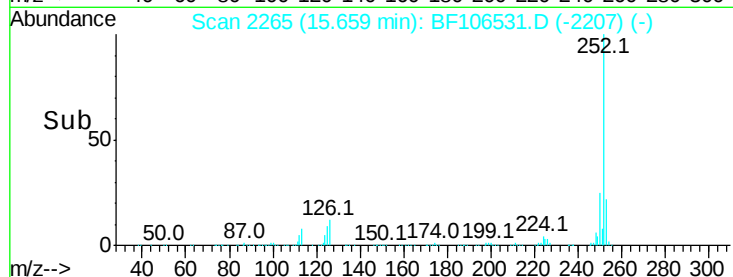
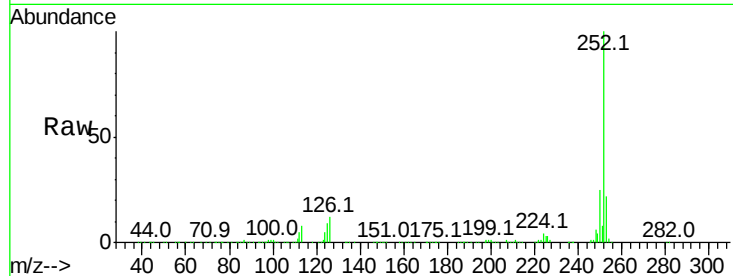
#89
Benzo(a)pyrene
Concen: 42.292 ng
RT: 15.66 min Scan# 2265
Delta R.T. 0.04 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	9.4	9.8	14.6

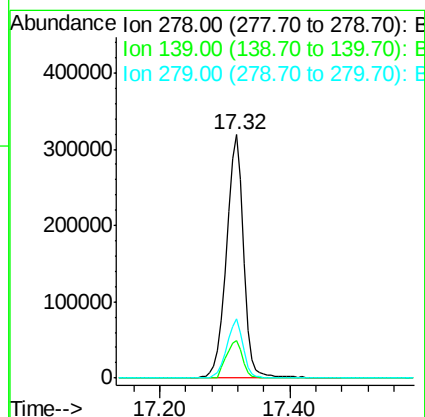
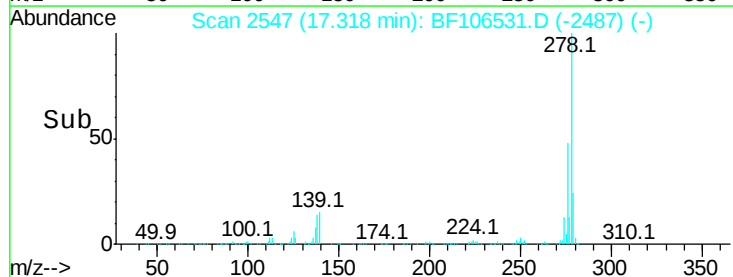
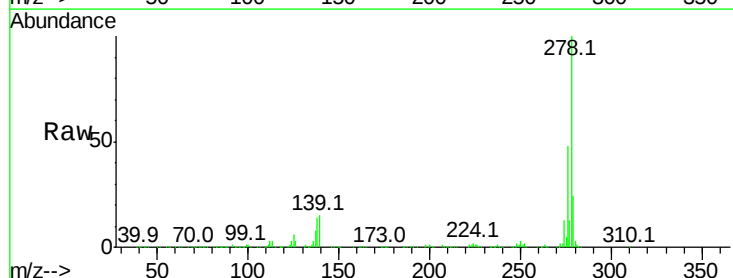
Manual Integrations
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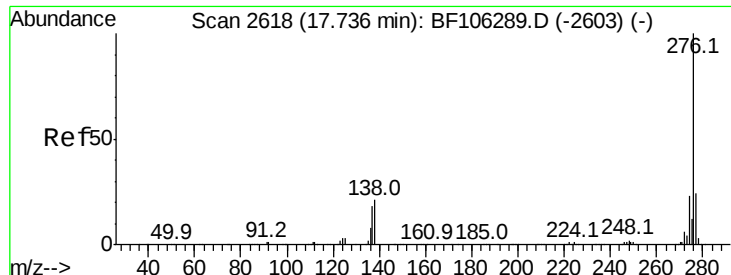
Sohil
6/19/2018 5:59:37 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.941 ng
RT: 17.32 min Scan# 2547
Delta R.T. 0.05 min
Lab File: BF106531.D
Acq: 18 Jun 2018 11:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	15.9	23.9
279	24.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 49.941 ng
 RT: 17.78 min Scan# 2626
 Delta R.T. 0.05 min
 Lab File: BF106531.D
 Acq: 18 Jun 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	20.4	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 6/19/2018 5:59:37 PM

