

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
 Data File : BF106488.D
 Acq On : 15 Jun 2018 13:41
 Operator : JU/SJ
 Sample : PB110238BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

Manual Integrations
 APPROVED

Sohil
 6/18/2018 10:38:16 AM

Quant Time: Jun 15 23:40:09 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	127386	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	493510	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	238558	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	493895	20.00	ng	0.00
75) Chrysene-d12	14.16	240	399995	20.00	ng	0.00
86) Perylene-d12	15.69	264	309345	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	864940	114.92	ng	0.00
7) Phenol-d6	6.61	99	1068069	112.32	ng	0.00
23) Nitrobenzene-d5	7.53	82	747090	89.06	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	341363	148.72	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1255354	97.97	ng	0.00
78) Terphenyl-d14	13.09	244	1413067	87.74	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	134495	34.528	ng	96
3) Pyridine	3.65	79	402053	37.039	ng	97
4) n-Nitrosodimethylamine	3.62	42	183291	36.859	ng	# 93
6) Aniline	6.63	93	204592	14.734	ng	# 1
8) 2-Chlorophenol	6.76	128	326940	40.394	ng	96
9) Benzaldehyde	6.52	77	214656	29.761	ng	98
10) Phenol	6.62	94	413149	39.799	ng	86
11) bis(2-Chloroethyl)ether	6.70	93	338568	38.098	ng	98
12) 1,3-Dichlorobenzene	6.91	146	374581	39.322	ng	99
13) 1,4-Dichlorobenzene	6.98	146	380611	39.373	ng	99
14) 1,2-Dichlorobenzene	7.14	146	353358	38.830	ng	99
15) Benzyl Alcohol	7.11	79	312192	38.337	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	498777	39.154	ng	72
17) 2-Methylphenol	7.22	107	281564	38.991	ng	# 91
18) Hexachloroethane	7.48	117	137402	39.890	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	232598	32.604	ng	95
20) 3+4-Methylphenols	7.38	107	349477	37.843	ng	# 74
22) Acetophenone	7.37	105	454861	36.574	ng	# 95
24) Nitrobenzene	7.55	77	383946	42.109	ng	96
25) Isophorone	7.78	82	678530	41.410	ng	98
26) 2-Nitrophenol	7.87	139	183321	51.798	ng	99
27) 2,4-Dimethylphenol	7.90	122	306618	44.202	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	427058	40.195	ng	98
29) 2,4-Dichlorophenol	8.11	162	294242	43.968	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	305304	40.688	ng	94
31) Naphthalene	8.27	128	926119	41.513	ng	99
32) Benzoic acid	8.02	122	190100	38.802	ng	89
33) 4-Chloroaniline	8.31	127	78516	7.942	ng	94
34) Hexachlorobutadiene	8.38	225	194894	40.429	ng	98
35) Caprolactam	8.69	113	97491m	43.069	ng	
36) 4-Chloro-3-methylphenol	8.81	107	315831	42.665	ng	97
37) 2-Methylnaphthalene	8.97	142	646922	42.575	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	319147	41.211	ng	99
40) Hexachlorocyclopentadiene	9.11	237	394687	92.373	ng	98

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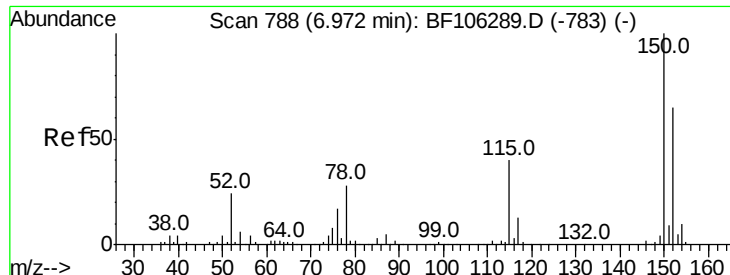
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	225655	45.723	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	231032	43.424	nq	93
45) 1,1'-Biphenyl	9.42	154	755394	40.882	nq	99
46) 2-Chloronaphthalene	9.45	162	612980	41.454	nq	98
47) 2-Nitroaniline	9.55	65	218252	46.919	nq	94
48) Acenaphthylene	9.87	152	969430	42.832	nq	98
49) Dimethylphthalate	9.72	163	716433	42.035	nq	99
50) 2,6-Dinitrotoluene	9.79	165	158605	45.557	nq	91
51) Acenaphthene	10.04	154	565149	38.665	nq	98
52) 3-Nitroaniline	9.96	138	59335	14.360	nq	99
53) 2,4-Dinitrophenol	10.07	184	179419	108.776	nq #	18
54) Dibenzofuran	10.22	168	832861	42.315	nq	97
55) 4-Nitrophenol	10.15	139	238843	75.411	nq	91
56) 2,4-Dinitrotoluene	10.20	165	219571	50.224	nq #	98
57) Fluorene	10.56	166	635719	40.766	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	203446	48.246	nq #	82
59) Diethylphthalate	10.42	149	684790	40.480	nq	96
60) 4-Chlorophenyl-phenylether	10.55	204	327826	39.968	nq	90
61) 4-Nitroaniline	10.58	138	177348	44.114	nq	97
62) Azobenzene	10.71	77	707128	40.088	nq	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	125263	47.144	nq	82
65) n-Nitrosodiphenylamine	10.67	169	612870	36.922	nq	95
66) 4-Bromophenyl-phenylether	11.04	248	234268	41.703	nq #	81
67) Hexachlorobenzene	11.11	284	238888	41.249	nq #	86
68) Atrazine	11.20	200	210118	41.076	nq	94
69) Pentachlorophenol	11.31	266	229456	64.354	nq	99
70) Phenanthrene	11.53	178	976968	40.391	nq	99
71) Anthracene	11.58	178	995997	41.103	nq	97
72) Carbazole	11.74	167	909942	40.675	nq	98
73) Di-n-butylphthalate	12.05	149	1035966	41.608	nq	99
74) Fluoranthene	12.72	202	1080112	41.873	nq	97
76) Benzidine	12.84	184	377263	28.339	nq	98
77) Pyrene	12.95	202	1109328	44.298	nq	97
79) Butylbenzylphthalate	13.55	149	464284	49.529	nq	95
80) Benzo(a)anthracene	14.15	228	1003227	42.146	nq	98
81) 3,3'-Dichlorobenzidine	14.10	252	141121	17.572	nq #	97
82) Chrysene	14.18	228	918682	42.272	nq	97
83) Bis(2-ethylhexyl)phthalate	14.11	149	597364	44.445	nq	99
84) Di-n-octyl phthalate	14.75	149	854207	44.085	nq	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	779360	44.934	nq #	94
87) Benzo(b)fluoranthene	15.24	252	767536	41.046	nq	96
88) Benzo(k)fluoranthene	15.27	252	753943	40.711	nq #	97
89) Benzo(a)pyrene	15.63	252	722208	42.939	nq	98
90) Dibenzo(a,h)anthracene	17.28	278	642917	45.849	nq #	95
91) Benzo(g,h,i)perylene	17.75	276	693086	50.860	nq #	93

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



#1

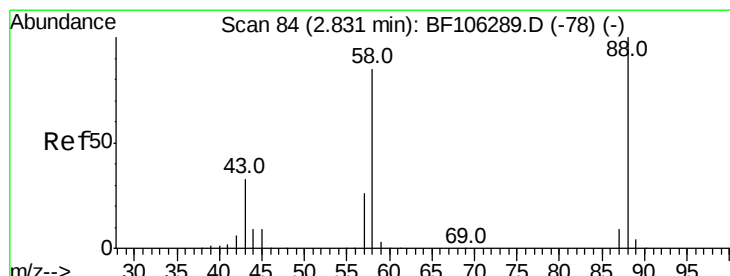
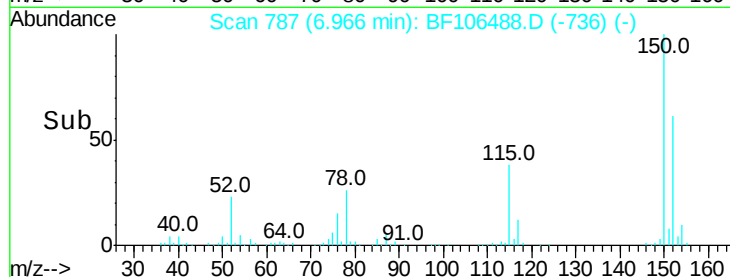
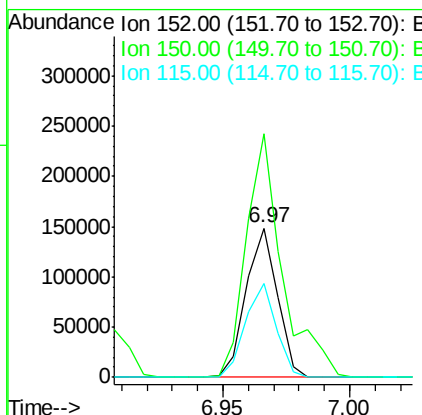
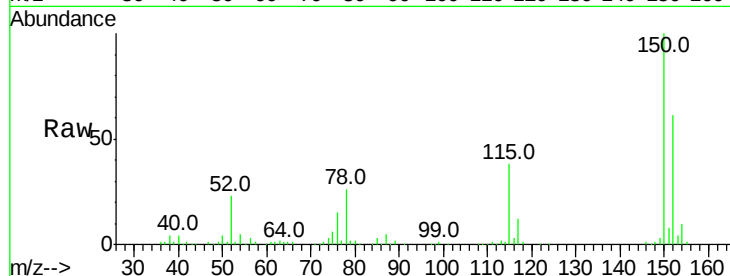
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.6	186.8
115	62.7	50.1	75.1

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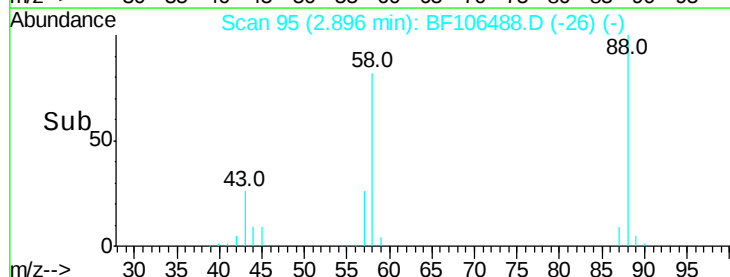
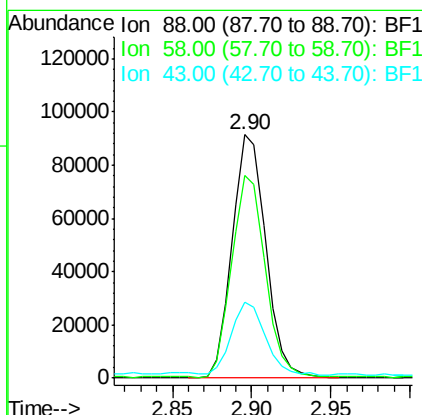
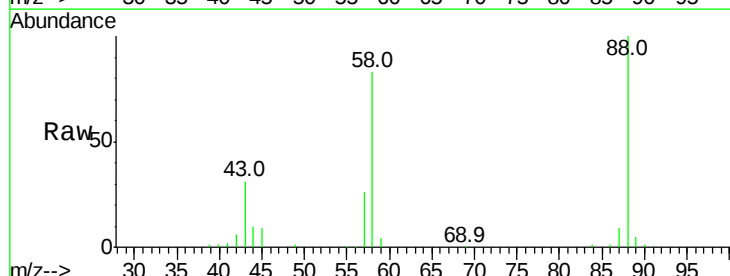
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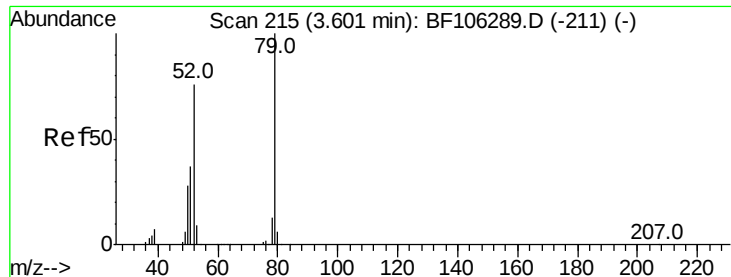


#2

1,4-Dioxane
Concen: 34.528 ng
RT: 2.90 min Scan# 95
Delta R.T. 0.11 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.8	62.6	93.8
43	30.0	24.6	37.0





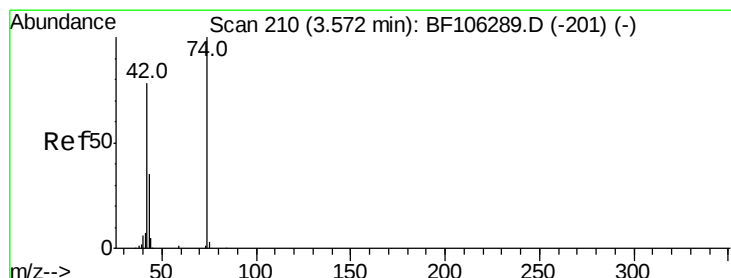
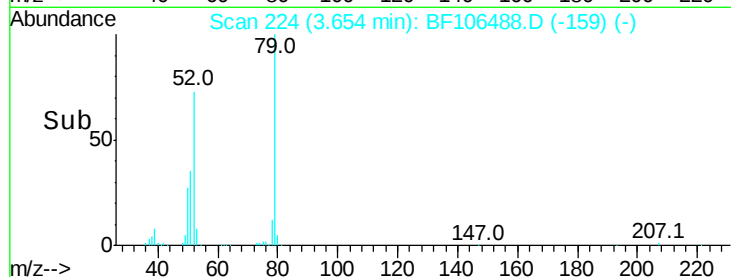
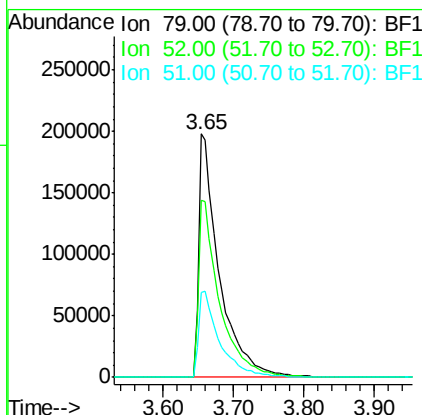
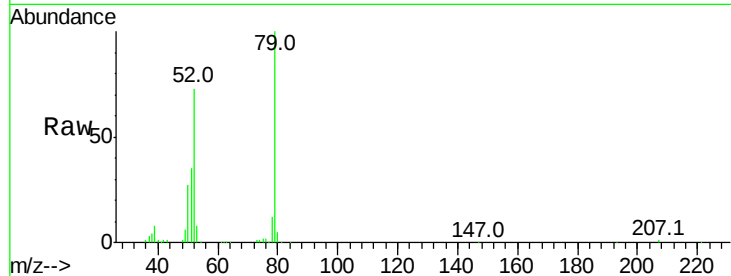
#3
 Pvridine
 Concen: 37.039 ng
 RT: 3.65 min Scan# 224
 Delta R.T. 0.08 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.0	59.8	89.6
51	34.9	29.8	44.8

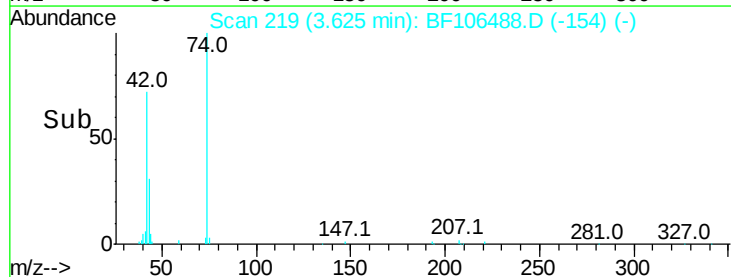
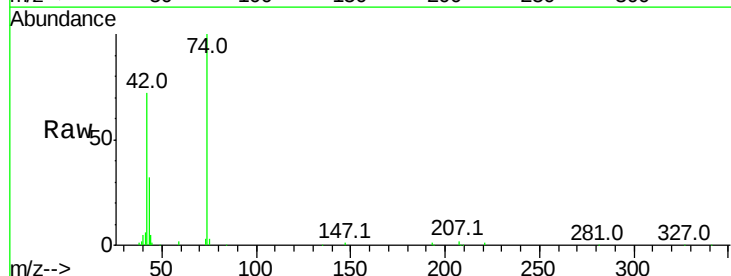
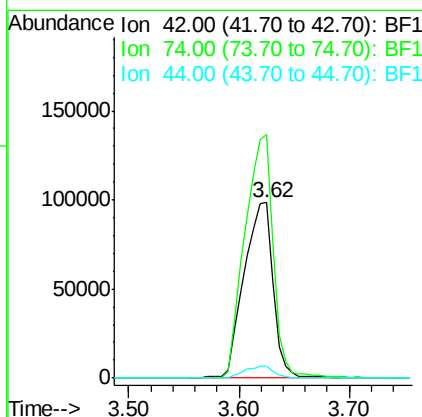
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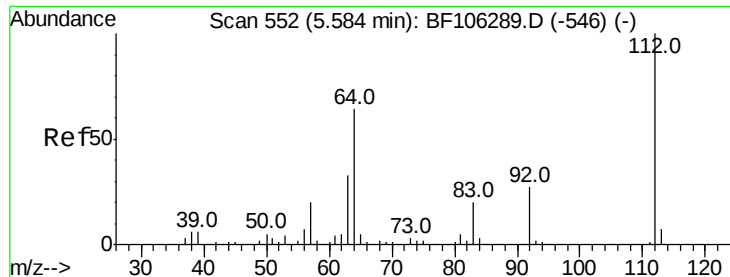
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#4
 n-Nitrosodimethylamine
 Concen: 36.859 ng
 RT: 3.62 min Scan# 219
 Delta R.T. 0.08 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.9	104.9	157.3
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 114.919 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

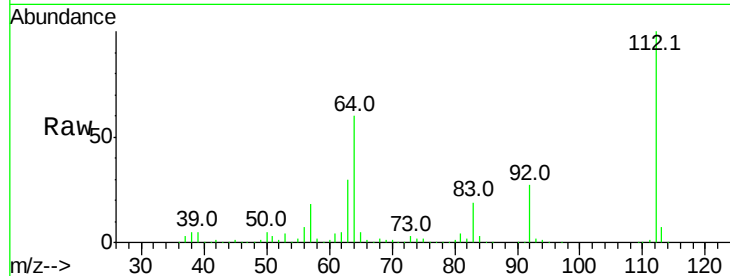
ClientSampleId :

PB110238BS

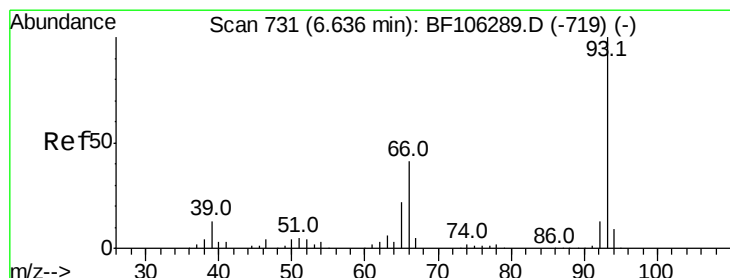
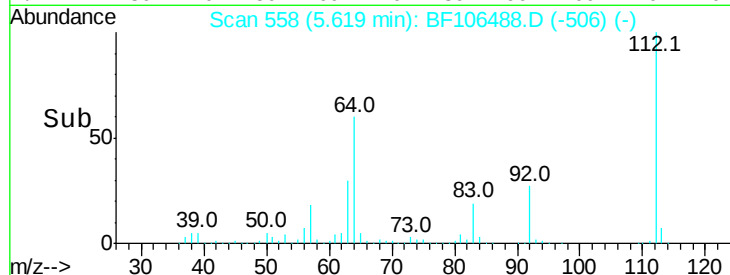
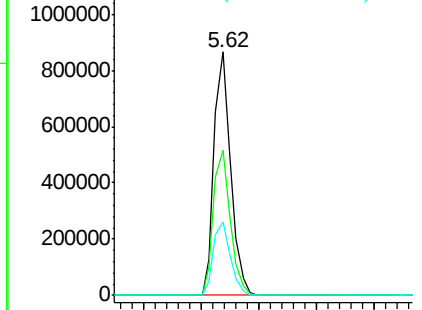
Tot Ion:	112	Resp:	864940
Ion Ratio	Lower	Upper	
112	100		
64	59.6	47.9	71.9
63	30.2	23.7	35.5

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



#6

Aniline

Concen: 14.734 ng

RT: 6.63 min Scan# 730

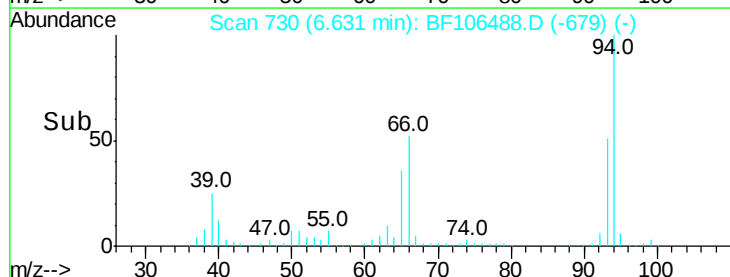
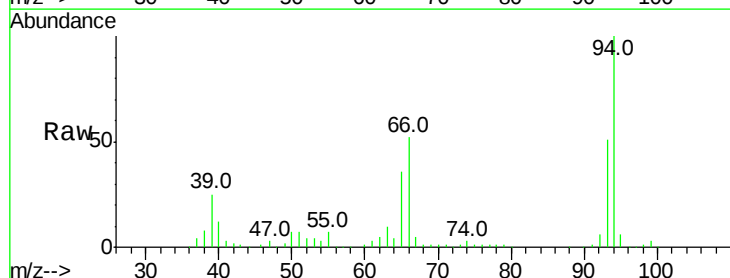
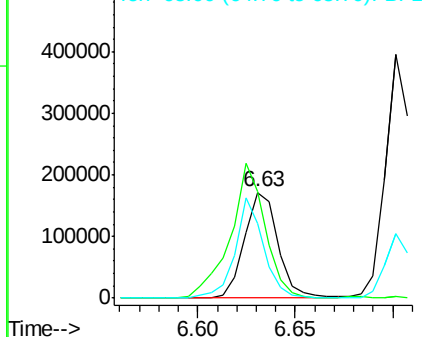
Delta R.T. 0.00 min

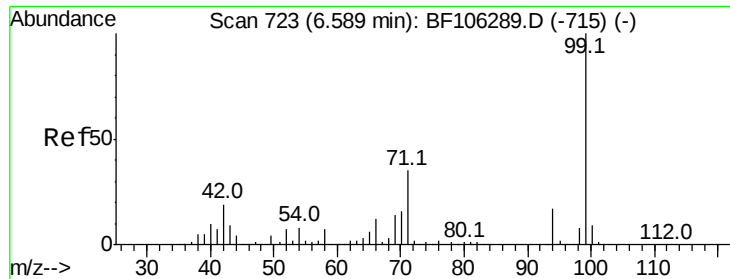
Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Tgt Ion:	93	Resp:	204592
Ion Ratio	Lower	Upper	
93	100		
66	101.5	32.2	48.2#
65	70.4	16.4	24.6#

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





#7

Phenol-d6

Concen: 112.321 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

Tot Ion: 99 Resp: 1068069

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

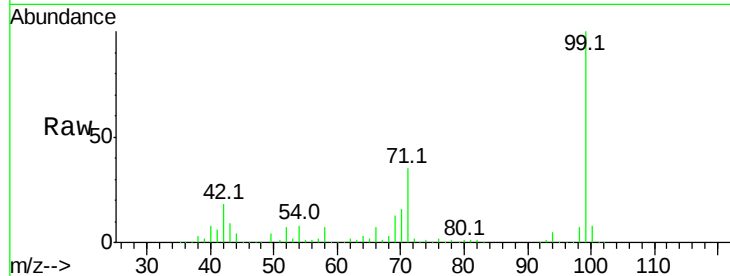
71 35.0 25.4 38.0

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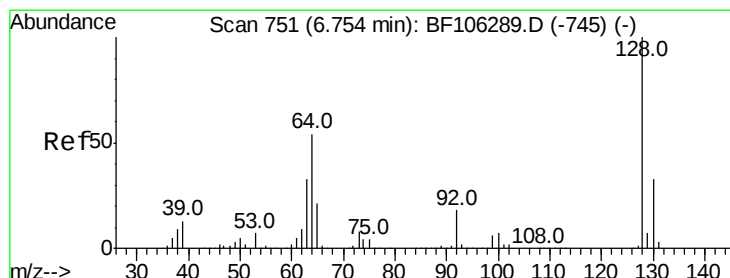
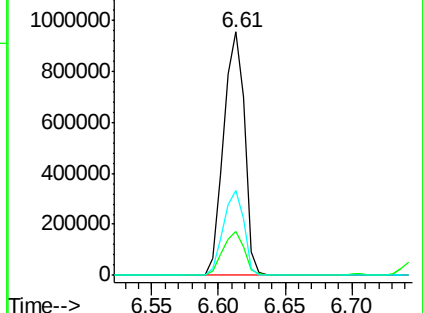
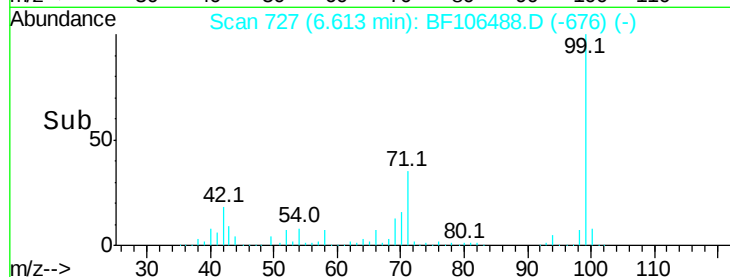
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.394 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

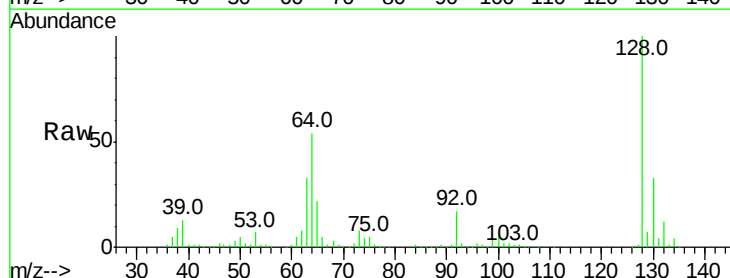
Tgt Ion:128 Resp: 326940

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

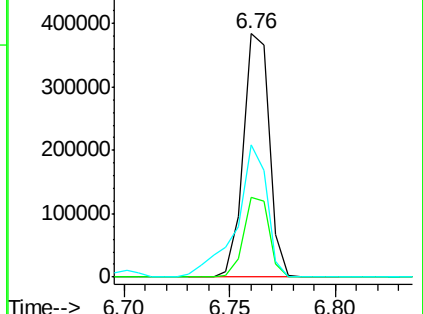
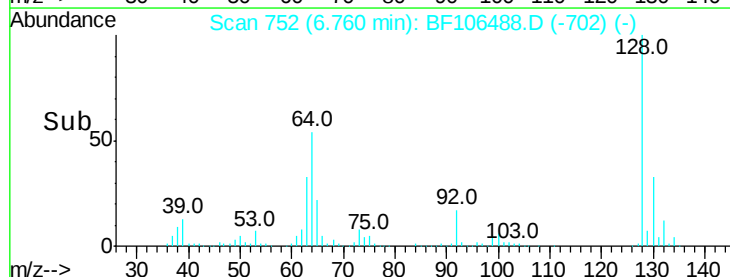
64 54.1 29.4 69.4

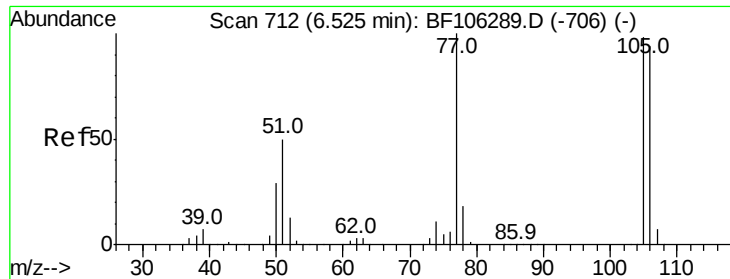


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.761 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

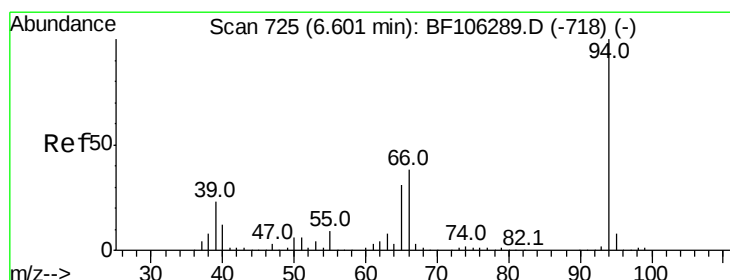
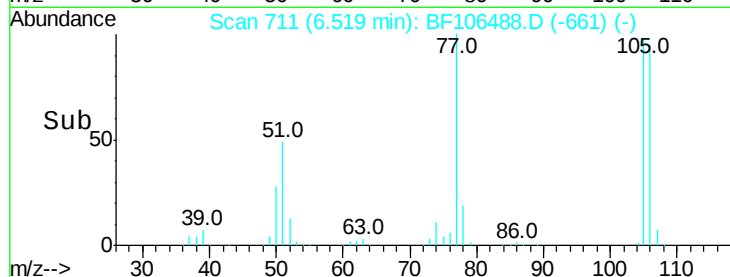
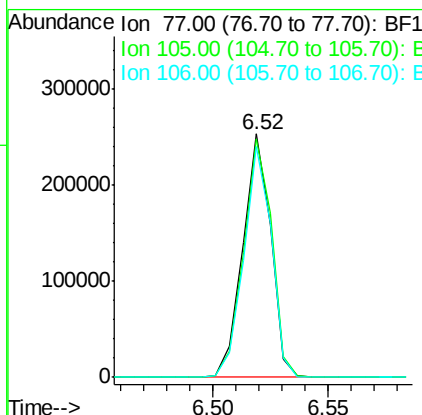
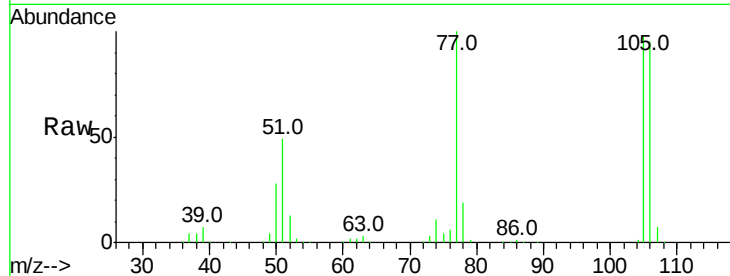
ClientSampleId :

PB110238BS

Tot Ion:	77	Resp:	214656
Ion	Ratio	Lower	Upper
77	100		
105	98.2	81.1	121.1
106	95.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 39.799 ng

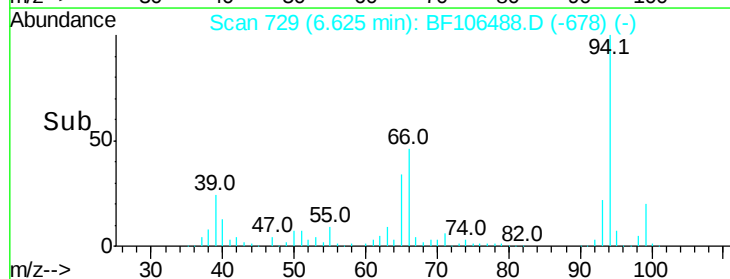
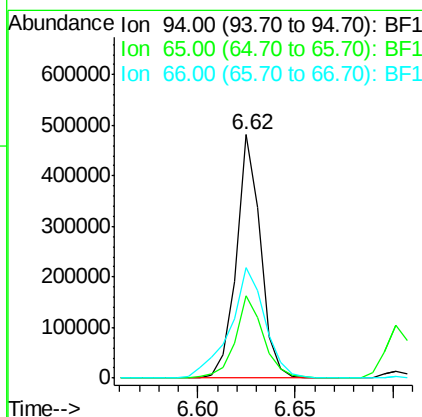
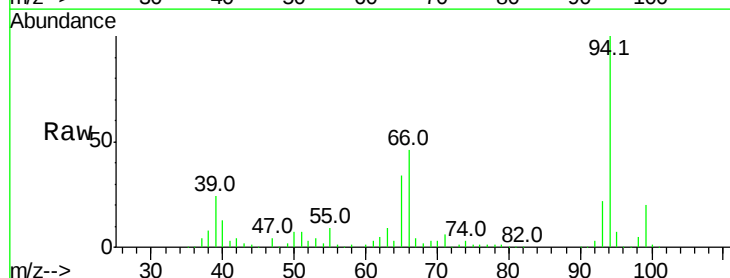
RT: 6.62 min Scan# 729

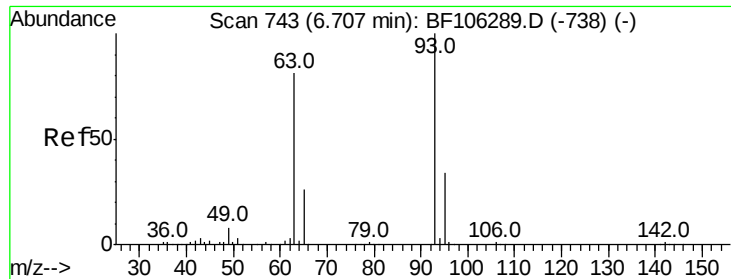
Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Tgt Ion:	94	Resp:	413149
Ion	Ratio	Lower	Upper
94	100		
65	34.0	7.9	47.9
66	45.5	16.2	56.2





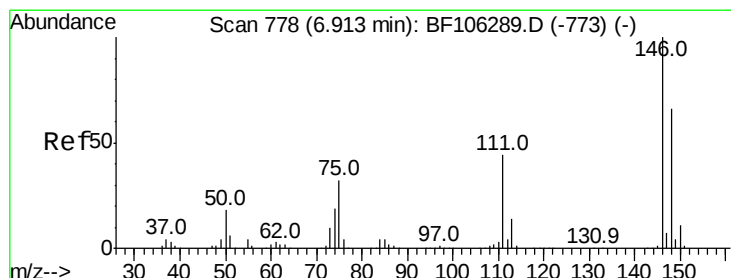
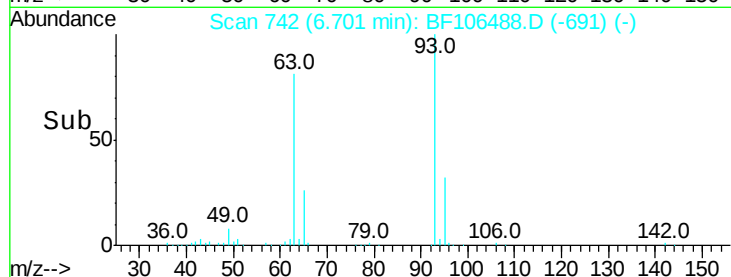
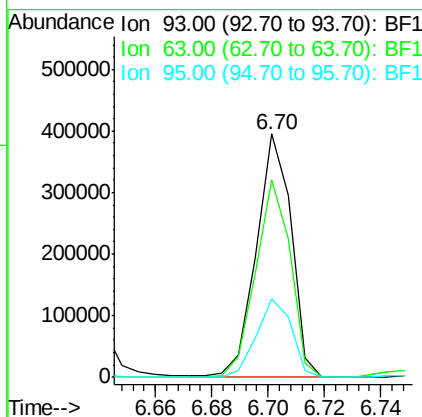
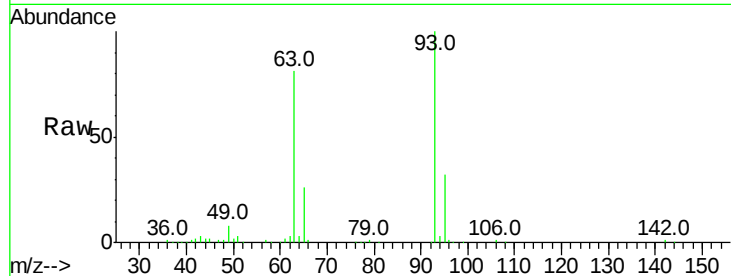
#11
bis(2-Chloroethyl)ether
Concen: 38.098 ng
RT: 6.70 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion:	93	Resp:	338568
Ion Ratio	Lower	Upper	
93	100		
63	80.9	58.6	98.6
95	32.0	11.8	51.8

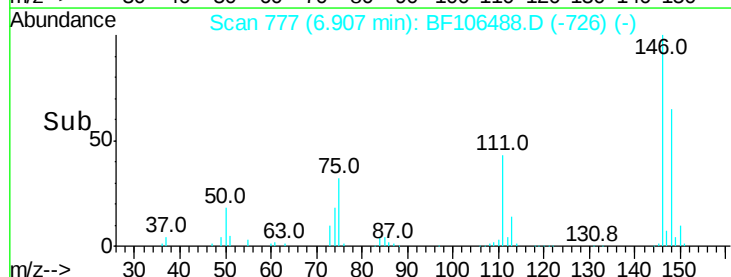
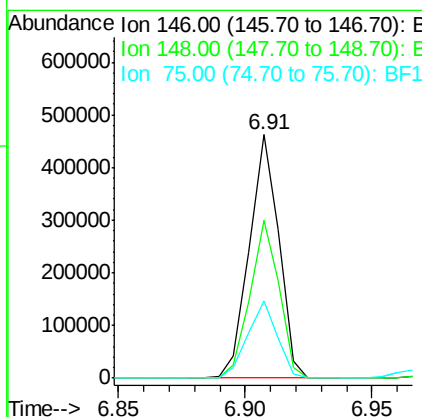
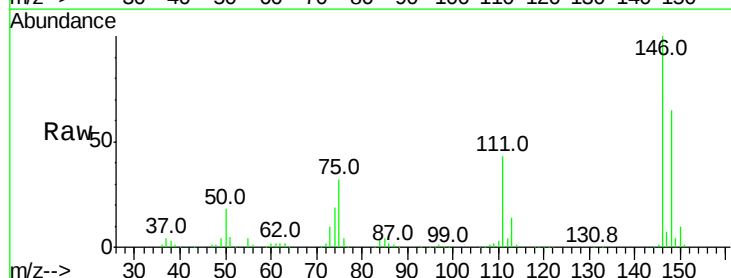
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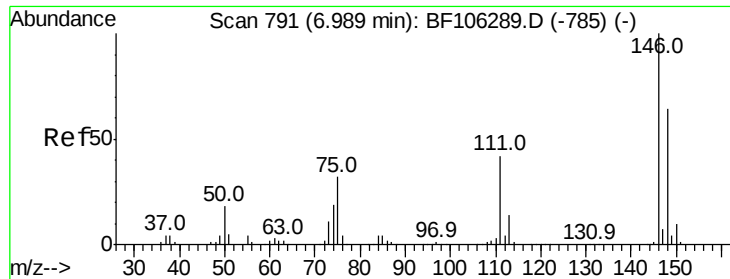
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.322 ng
RT: 6.91 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion:	146	Resp:	374581
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.8	77.8
75	31.8	24.2	36.4





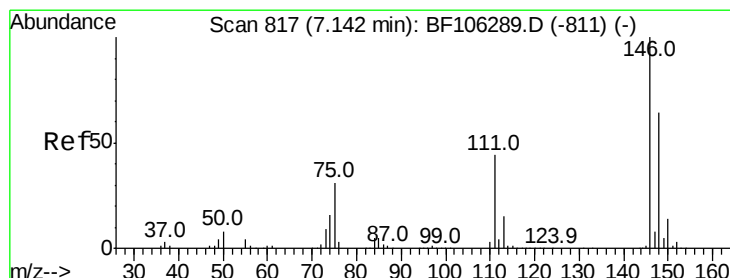
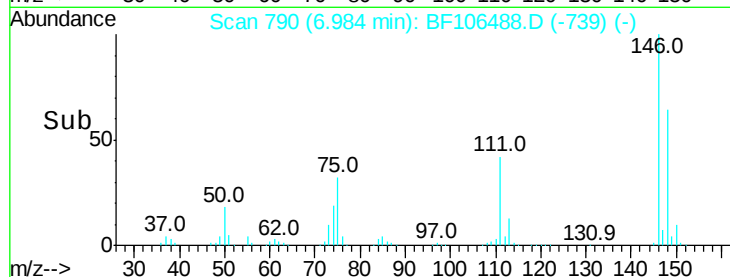
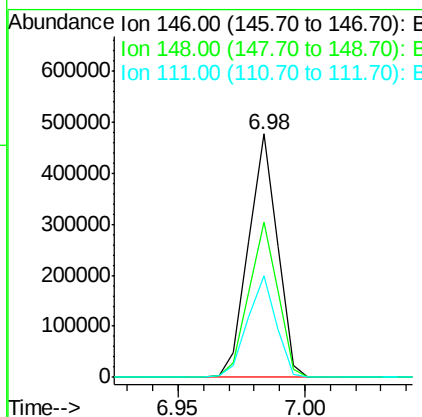
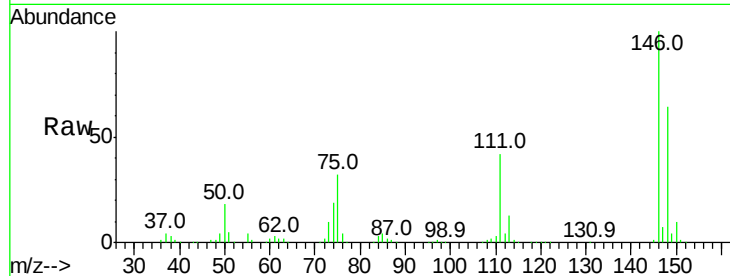
#13
1,4-Dichlorobenzene
Concen: 39.373 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	41.6	34.2	51.2

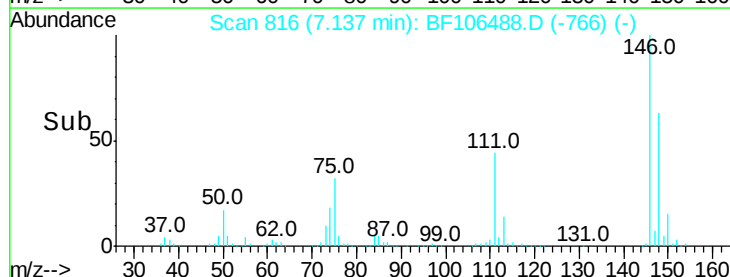
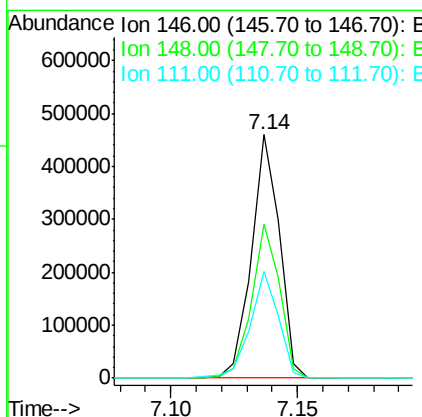
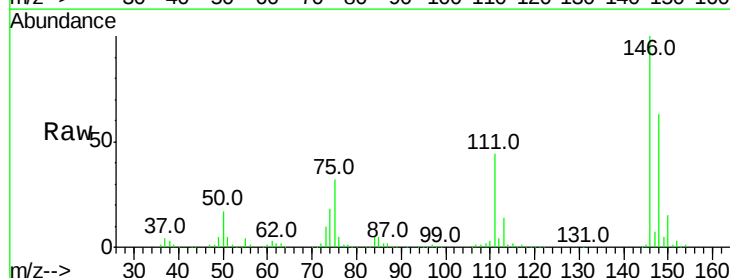
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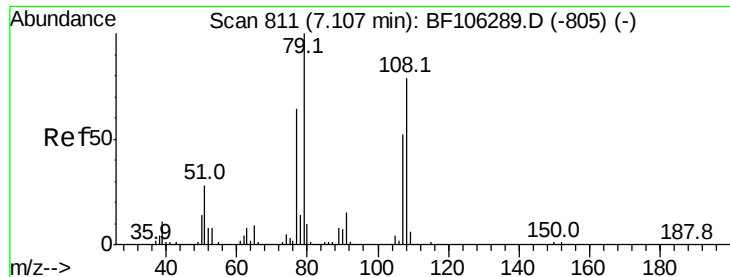
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#14
1,2-Dichlorobenzene
Concen: 38.830 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	43.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.337 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

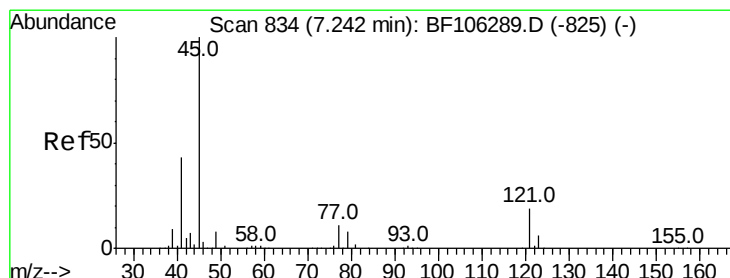
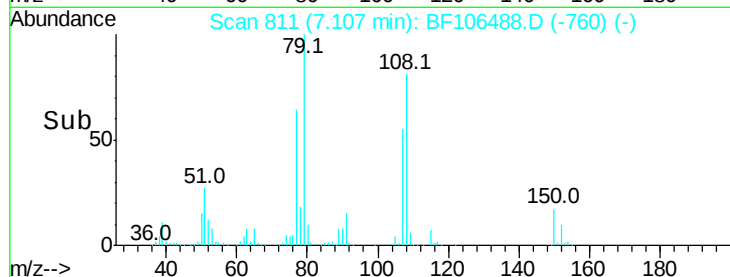
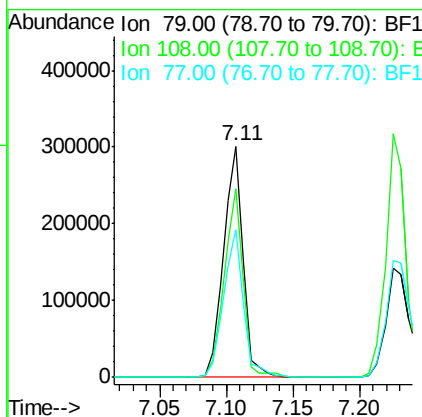
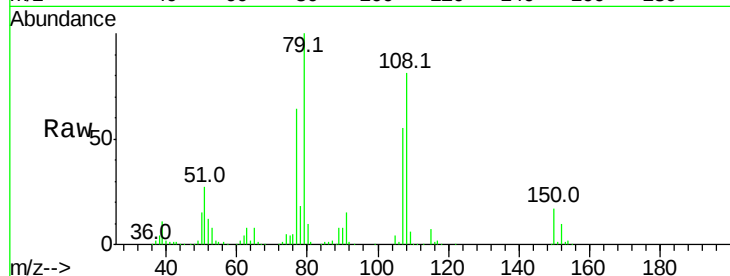
ClientSampleId :

PB110238BS

Tot Ion:	79	Resp:	312192
Ion Ratio	Lower	Upper	
79	100		
108	81.4	65.1	97.7
77	63.6	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.154 ng

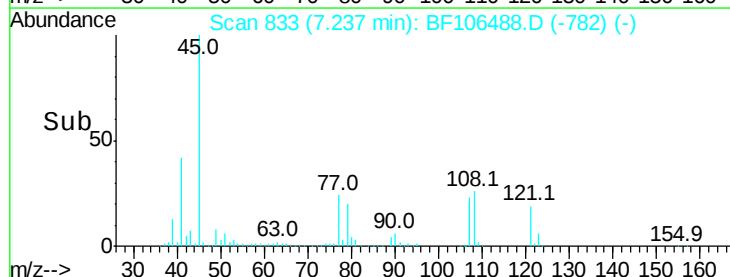
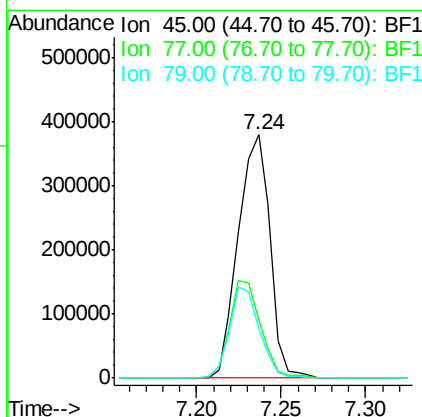
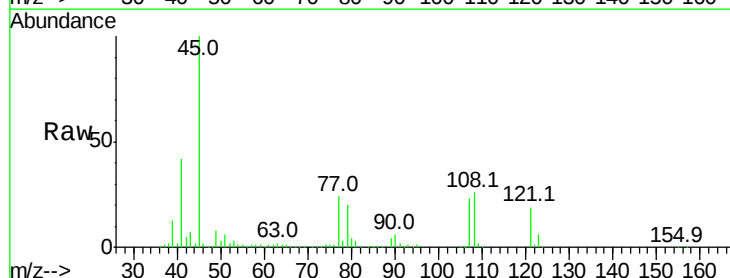
RT: 7.24 min Scan# 833

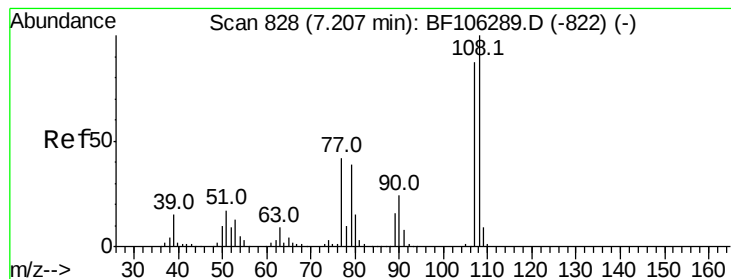
Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Tgt Ion:	45	Resp:	498777
Ion Ratio	Lower	Upper	
45	100		
77	23.9	0.0	32.9
79	20.0	0.0	29.6





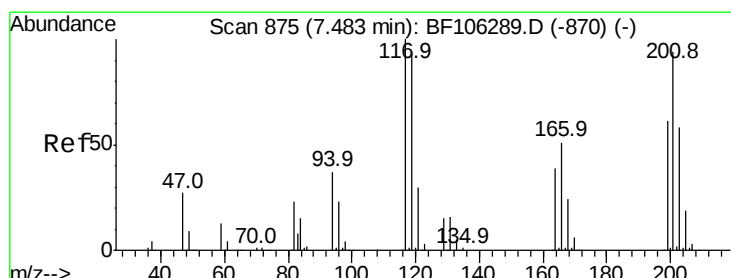
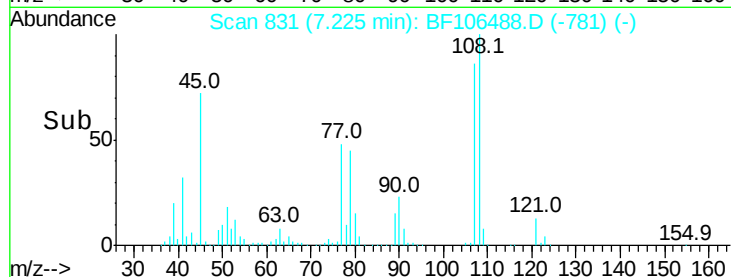
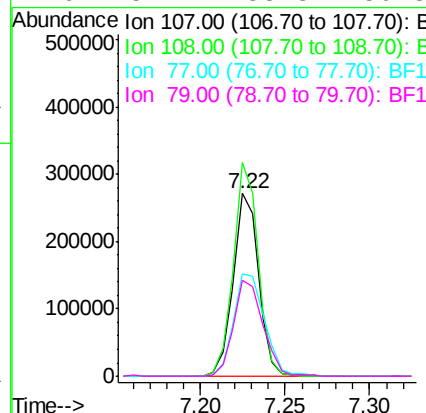
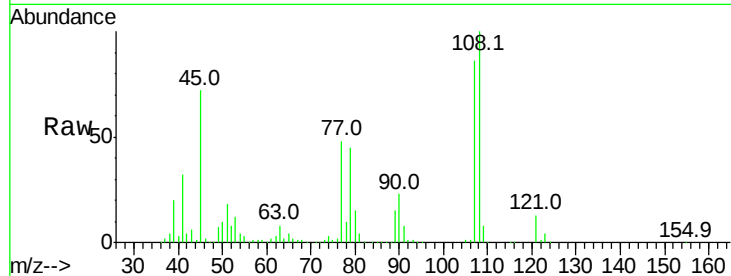
#17
2-Methylphenol
Concen: 38.991 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion:	107	Resp:	281564
Ion Ratio	Lower	Upper	
107	100		
108	116.7	91.7	137.5
77	55.9	33.8	50.8#
79	52.4	33.8	50.8#

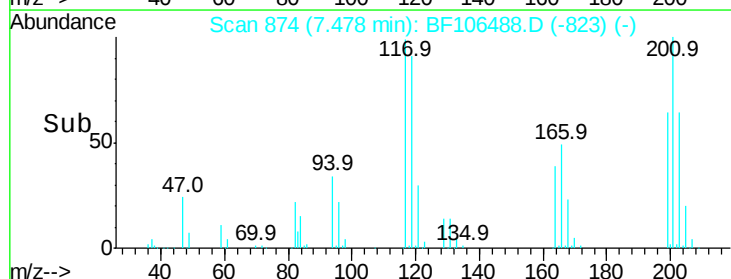
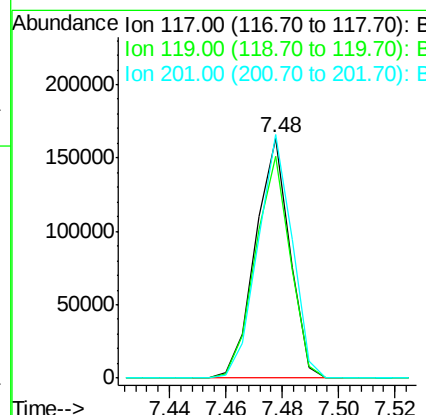
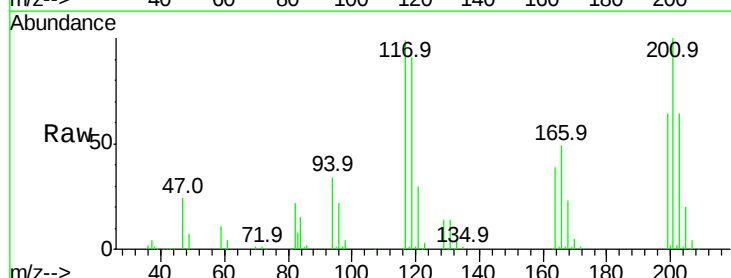
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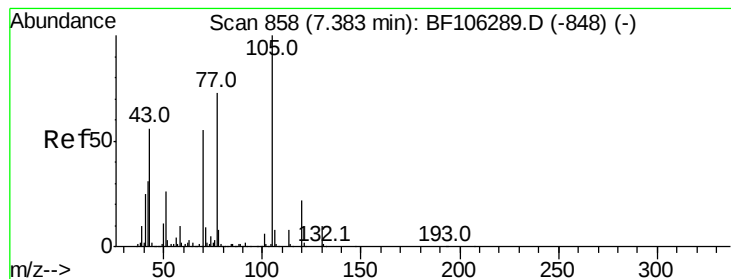
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#18
Hexachloroethane
Concen: 39.890 ng
RT: 7.48 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion:	117	Resp:	137402
Ion Ratio	Lower	Upper	
117	100		
119	92.2	75.8	113.8
201	101.5	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 32.604 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

Tot Ion: 70 Resp: 232598

Ion Ratio Lower Upper

70 100

42 55.4 47.5 71.3

101 9.7 7.4 11.2

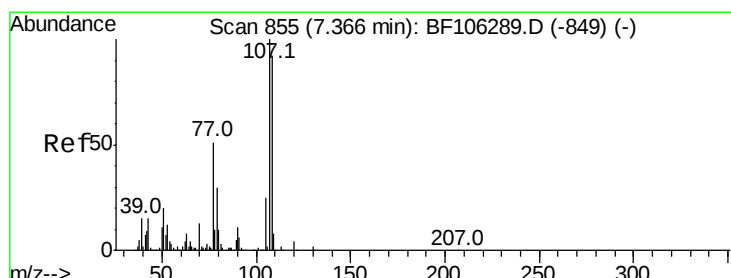
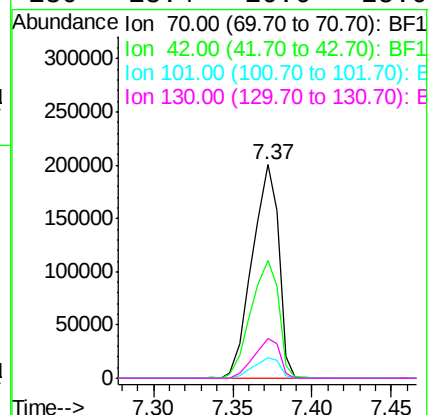
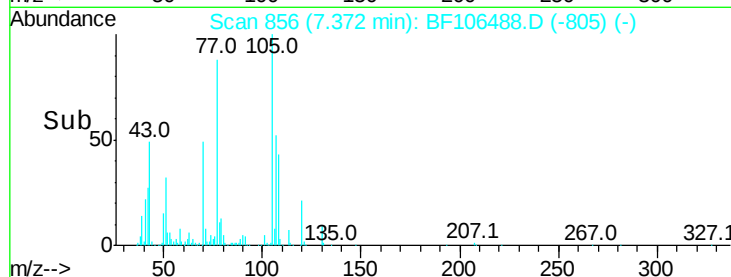
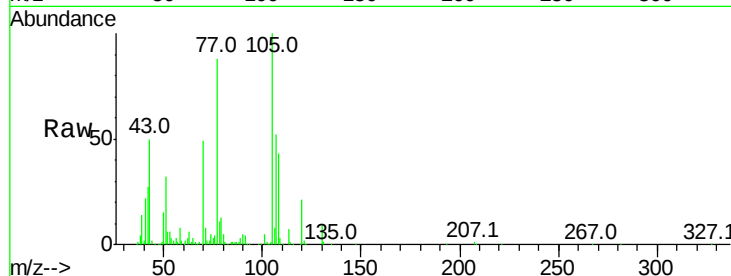
130 18.4 16.6 25.0

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#20

3+4-Methylphenols

Concen: 37.843 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Tgt Ion: 107 Resp: 349477

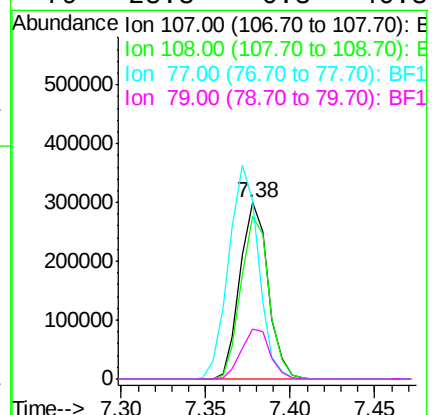
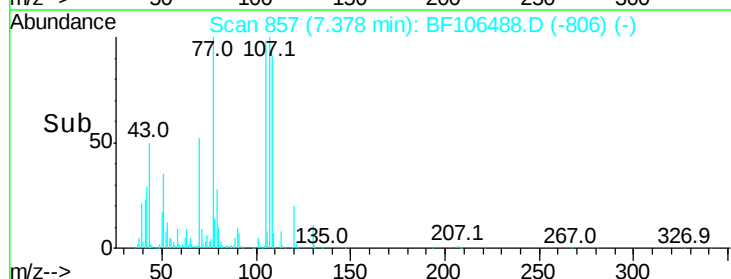
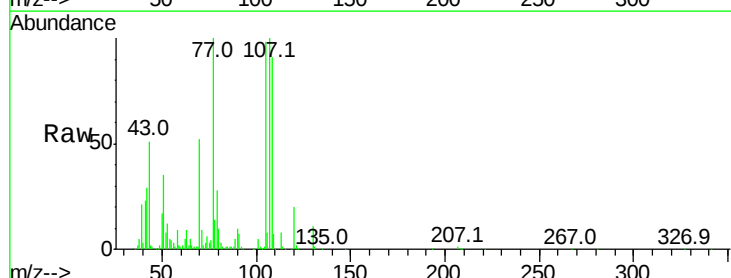
Ion Ratio Lower Upper

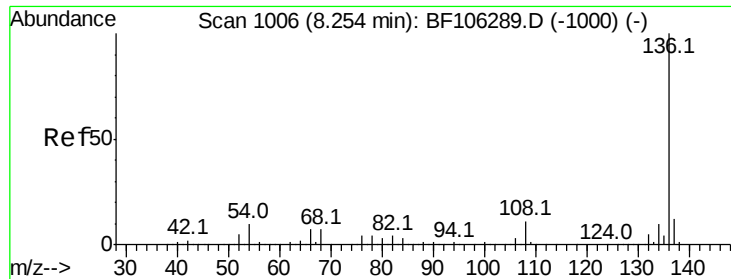
107 100

108 91.8 68.2 108.2

77 100.4 26.7 66.7#

79 28.3 6.3 46.3





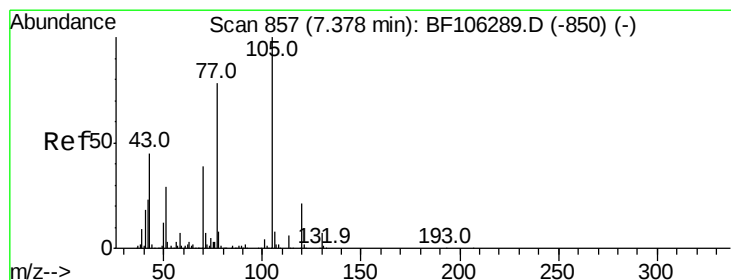
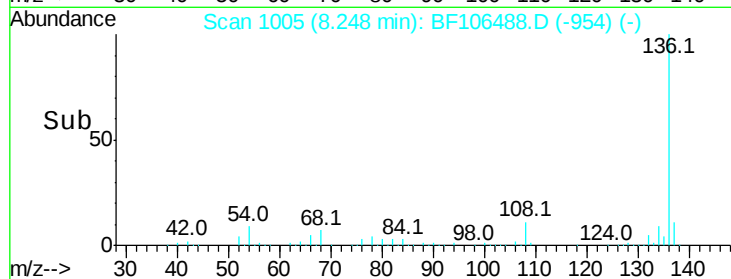
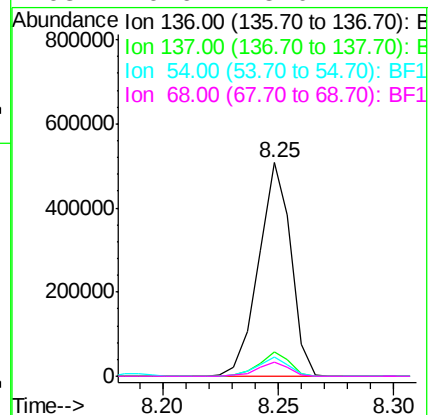
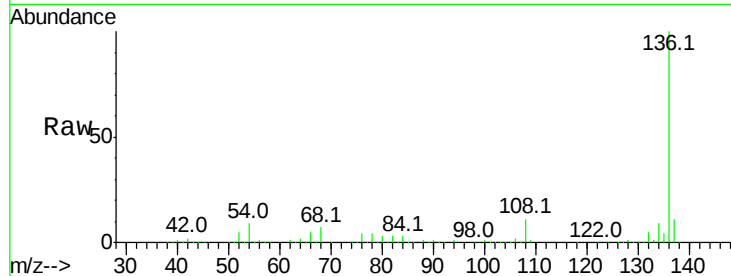
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	9.0	6.6	9.8	
68	6.6	5.0	7.4	

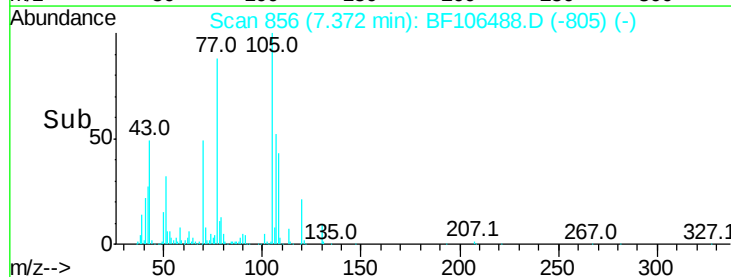
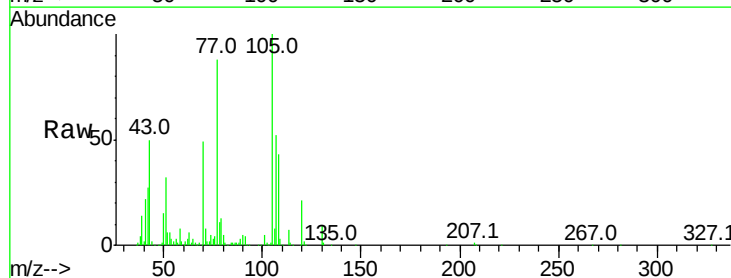
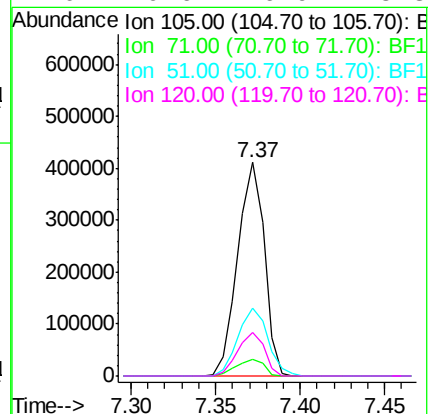
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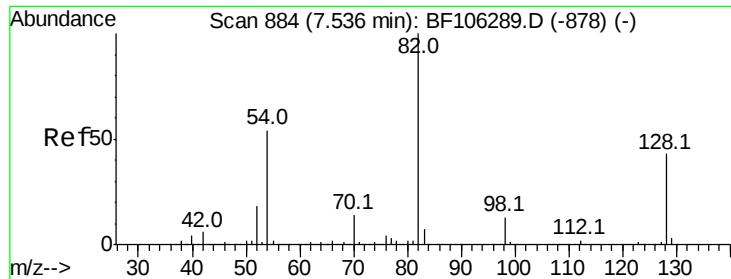
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#22
Acetophenone
Concen: 36.574 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.0	4.4	6.6#	
51	31.6	22.3	33.5	
120	20.6	16.9	25.3	





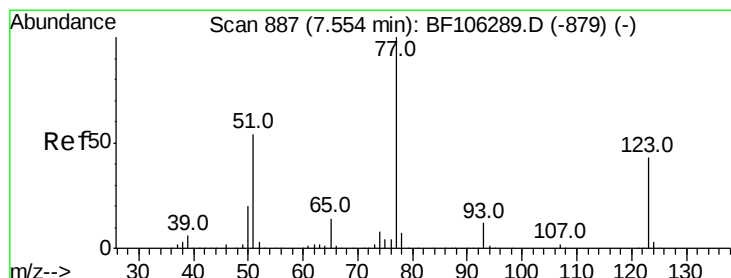
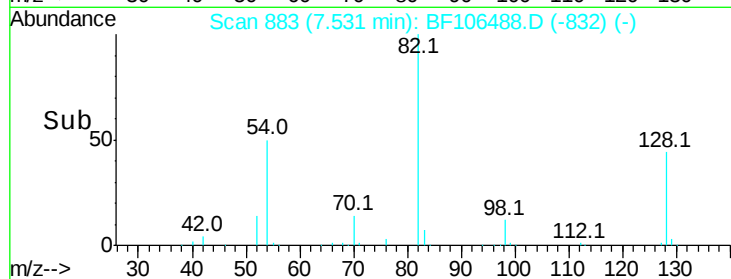
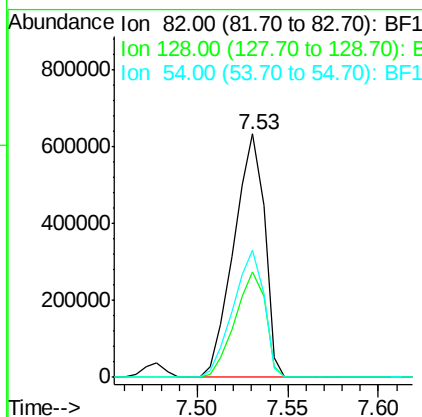
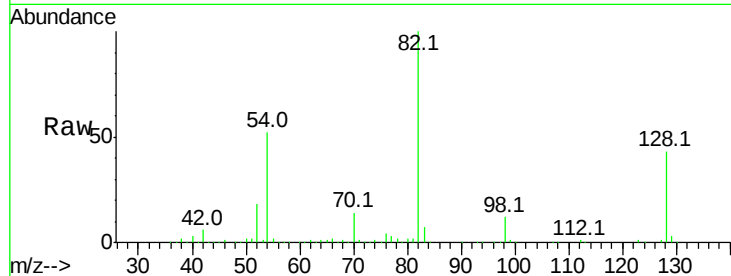
#23
Nitrobenzene-d5
Concen: 89.056 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	52.0	41.4	62.2

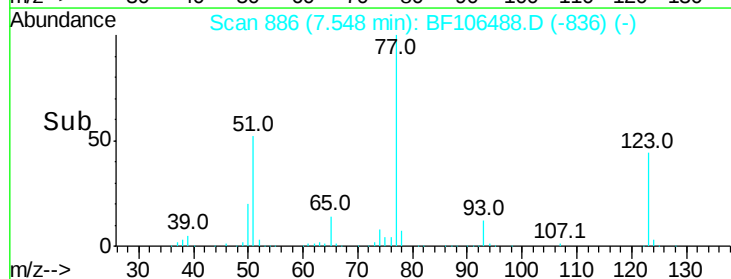
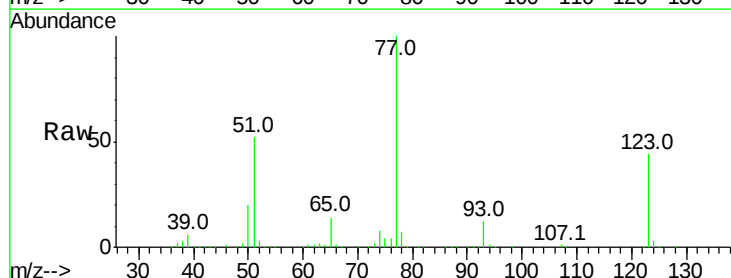
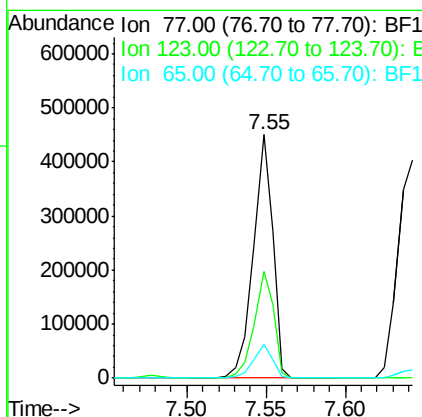
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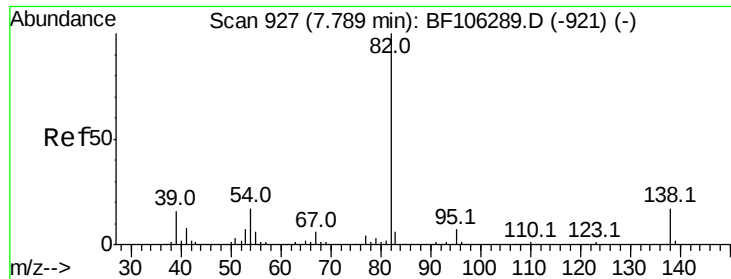
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#24
Nitrobenzene
Concen: 42.109 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 41.410 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

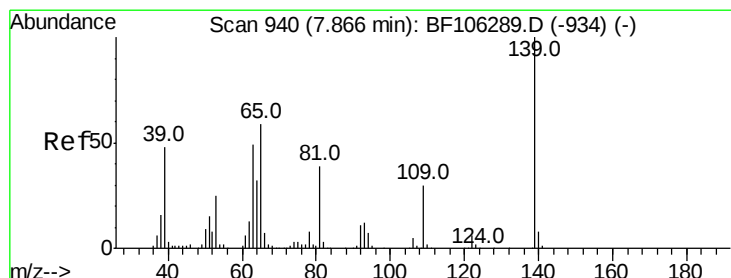
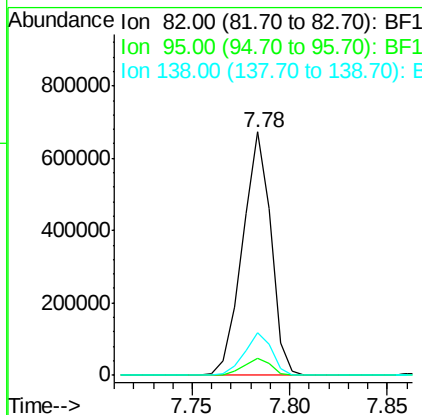
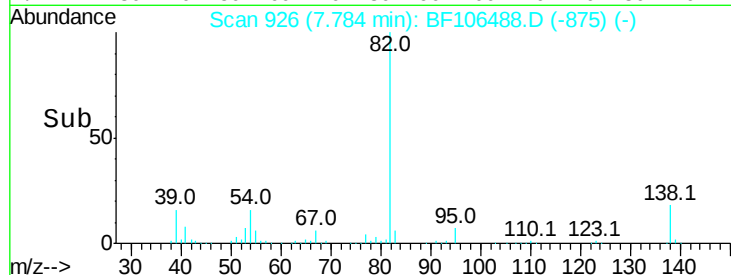
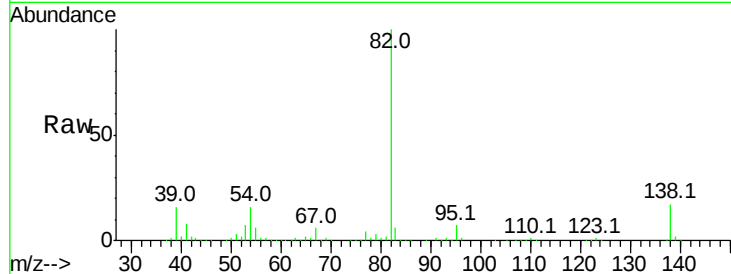
ClientSampleId :

PB110238BS

Tot Ion:	82	Resp:	678530
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	17.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 51.798 ng

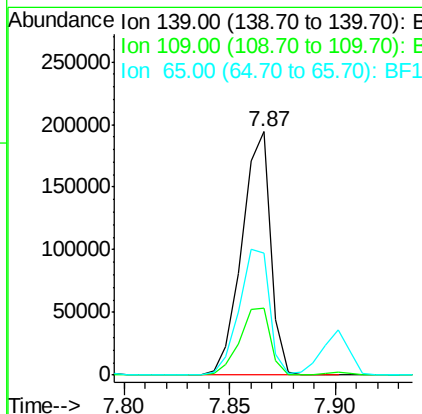
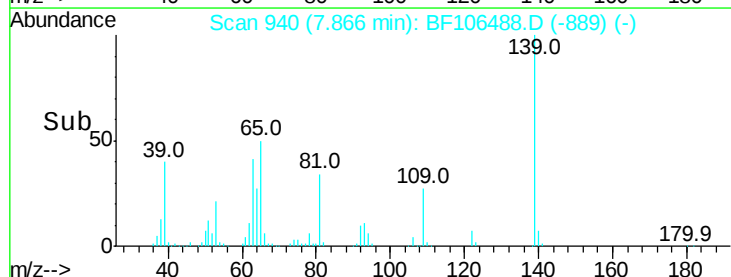
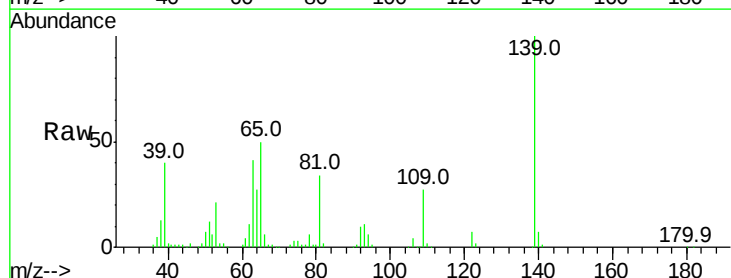
RT: 7.87 min Scan# 940

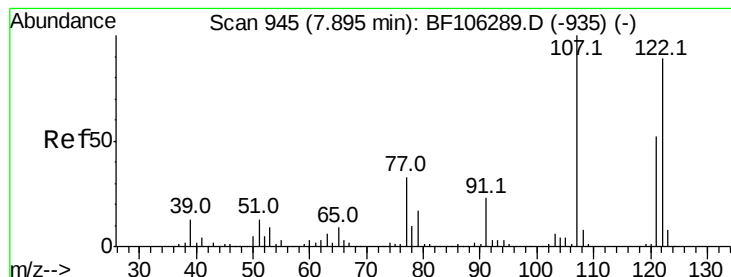
Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Tgt Ion:	139	Resp:	183321
Ion Ratio	Lower	Upper	
139	100		
109	27.3	22.7	34.1
65	50.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 44.202 ng

RT: 7.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

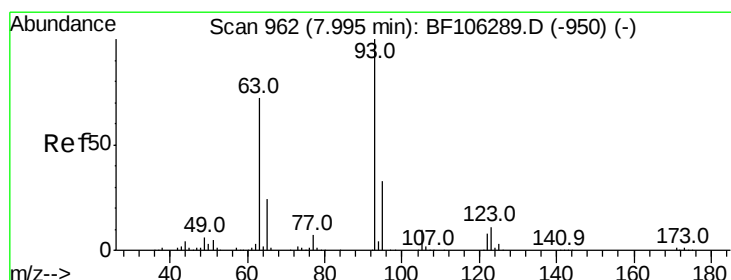
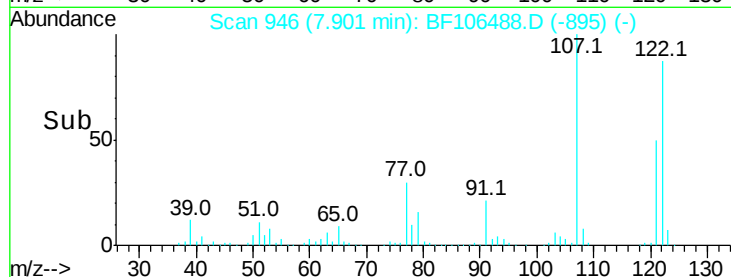
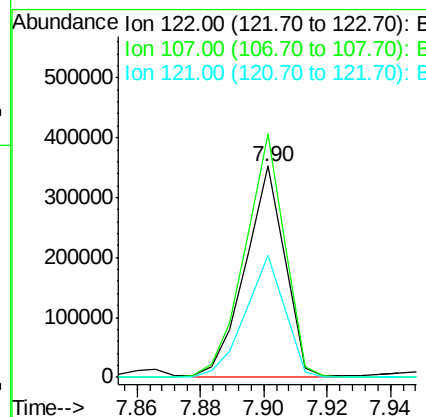
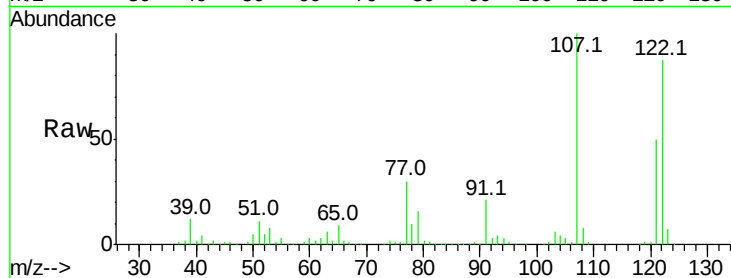
ClientSampleID :

PB110238BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	91.2	136.8
121	57.8	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 40.195 ng

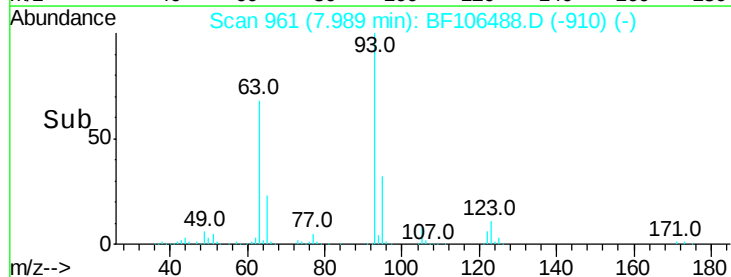
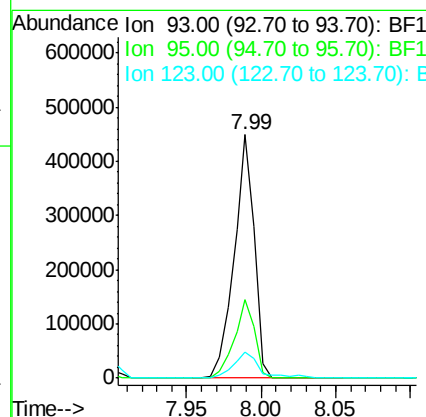
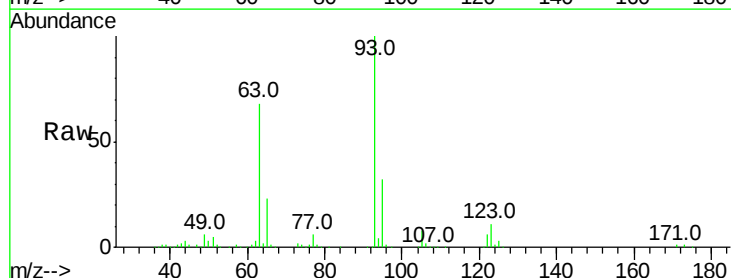
RT: 7.99 min Scan# 961

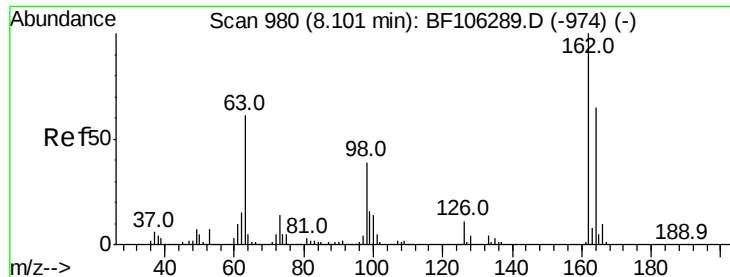
Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

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





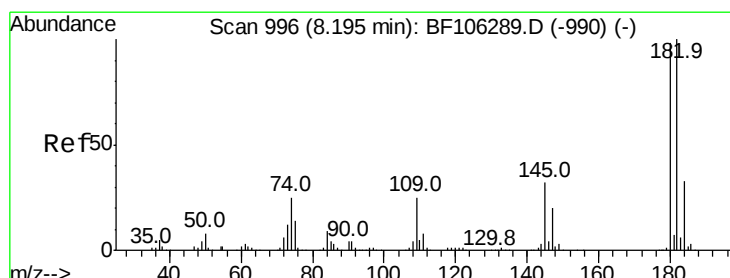
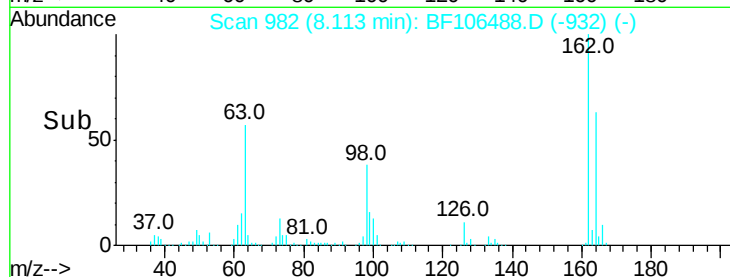
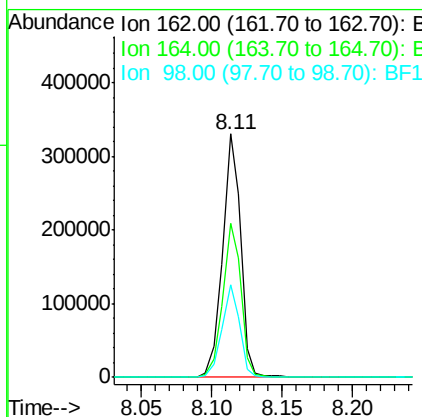
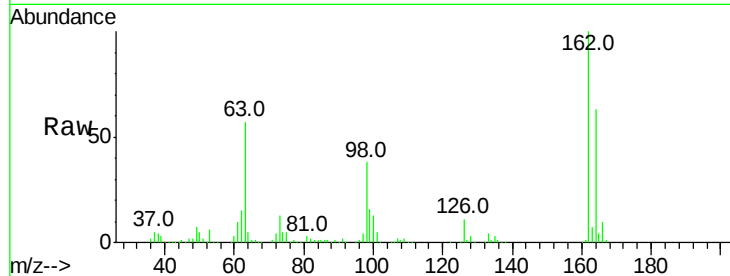
#29
2,4-Dichlorophenol
Concen: 43.968 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	294242		
164	63.3	42.7	82.7	
98	37.9	18.1	58.1	

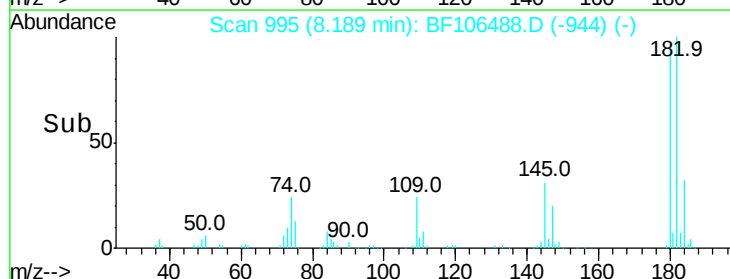
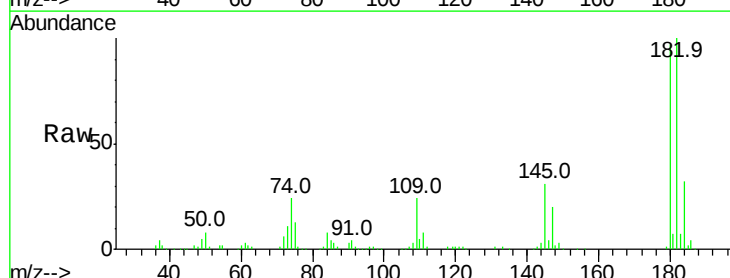
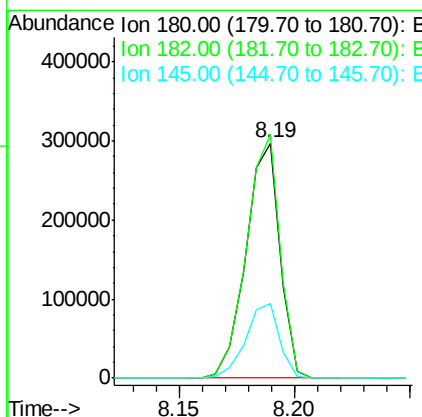
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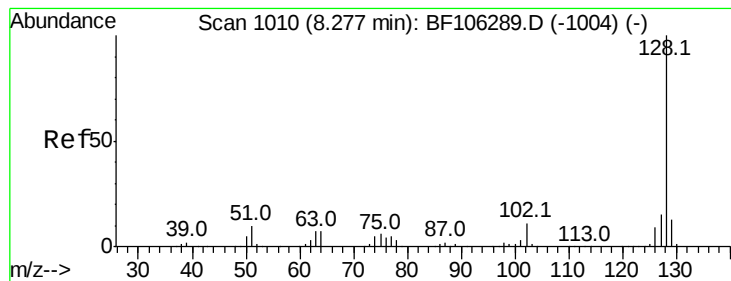
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#30
1,2,4-Trichlorobenzene
Concen: 40.688 ng
RT: 8.19 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	305304		
182	103.5	76.8	115.2	
145	31.9	26.5	39.7	





#31

Naphthalene

Concen: 41.513 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

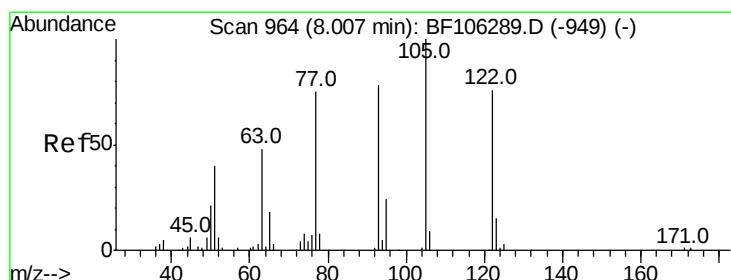
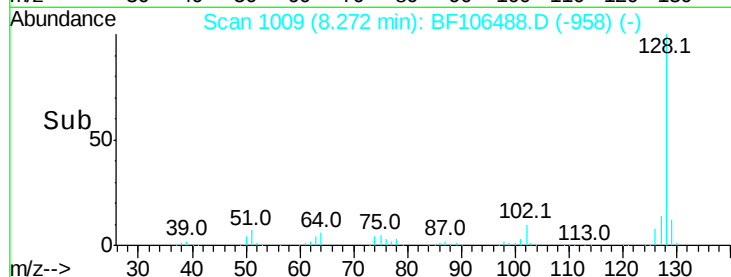
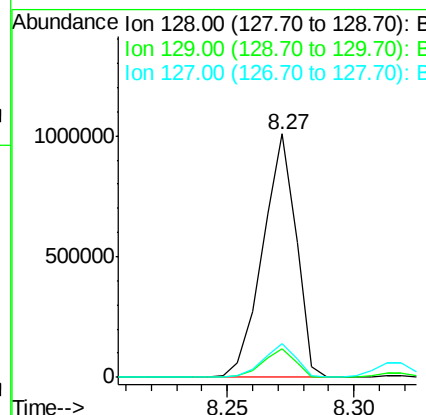
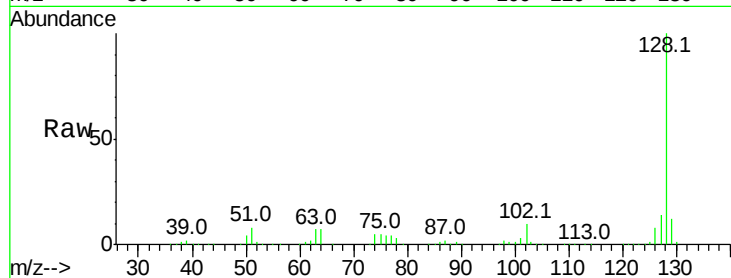
ClientSampleId :

PB110238BS

Tot Ion:	128	Resp:	926119
Ion Ratio	Lower	Upper	
128	100		
129	11.8	8.8	13.2
127	14.0	10.9	16.3

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#32

Benzoic acid

Concen: 38.802 ng

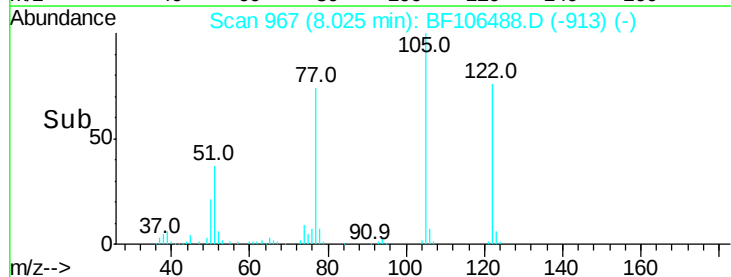
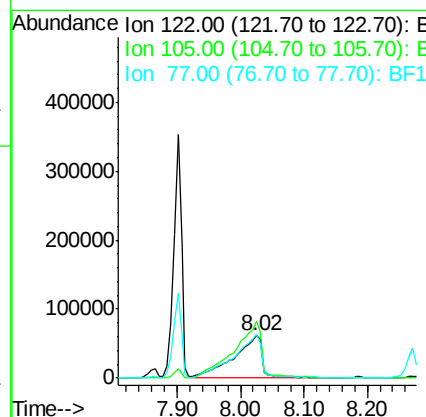
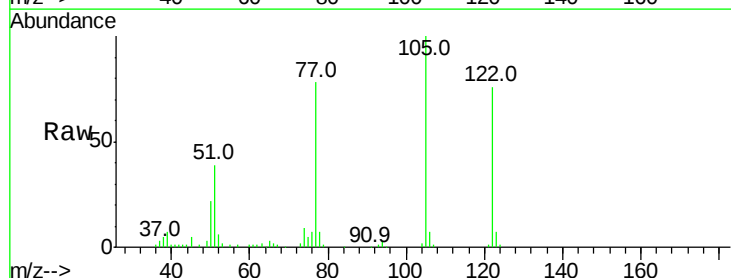
RT: 8.02 min Scan# 967

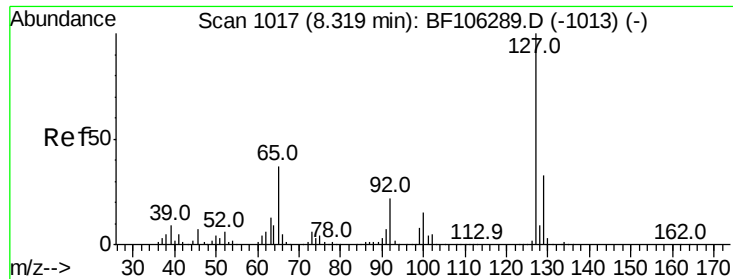
Delta R.T. 0.02 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Tgt Ion:	122	Resp:	190100
Ion Ratio	Lower	Upper	
122	100		
105	132.1	101.1	141.1
77	103.2	70.7	110.7





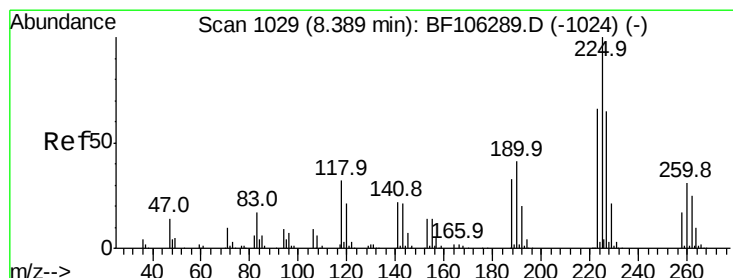
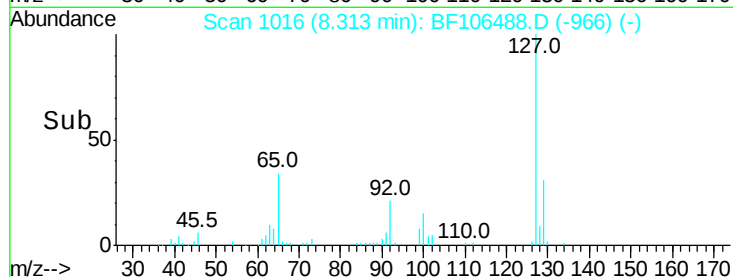
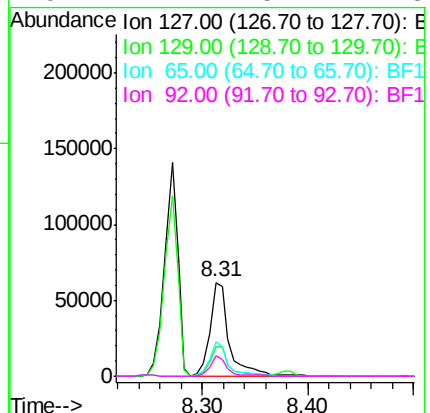
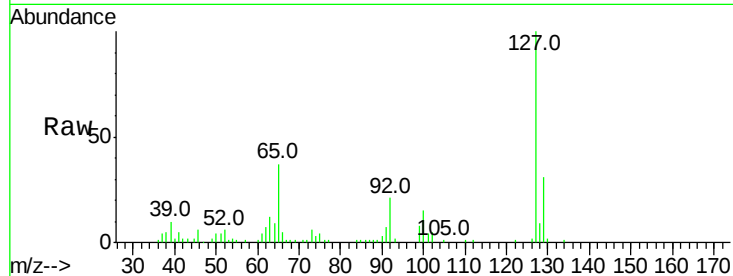
#33
4-Chloroaniline
Concen: 7.942 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	25.9	38.9		
65	37.0	25.0	37.4		
92	21.2	15.2	22.8		

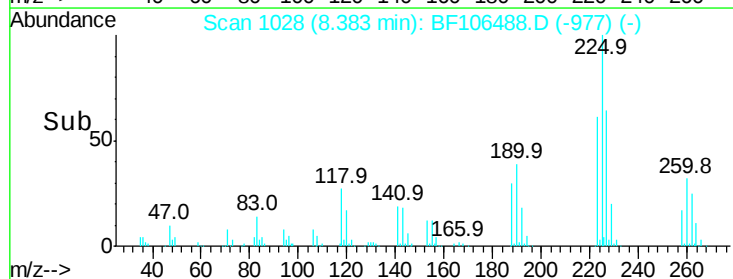
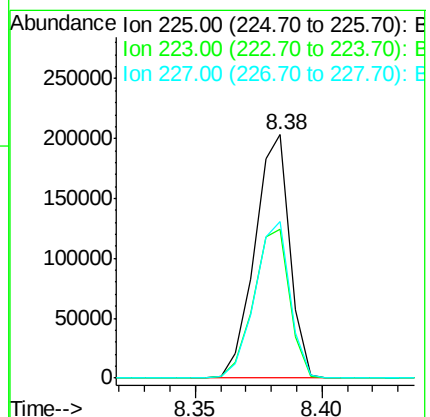
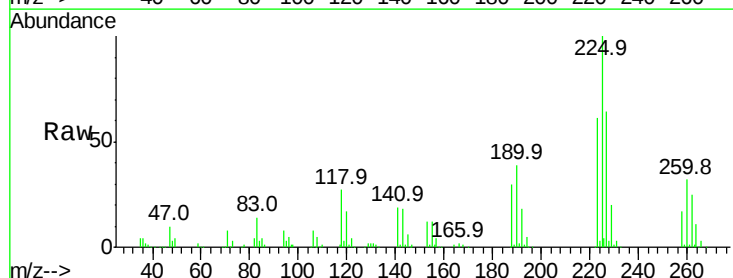
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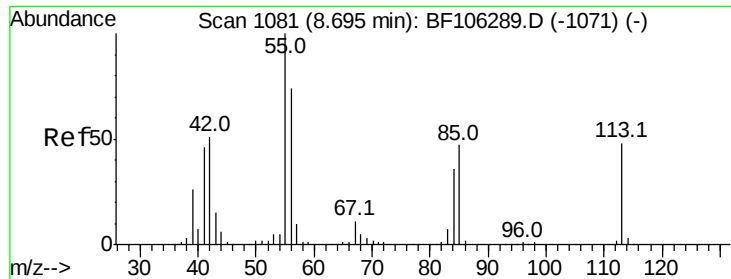
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#34
Hexachlorobutadiene
Concen: 40.429 ng
RT: 8.38 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	50.6	76.0		
227	64.2	51.9	77.9		





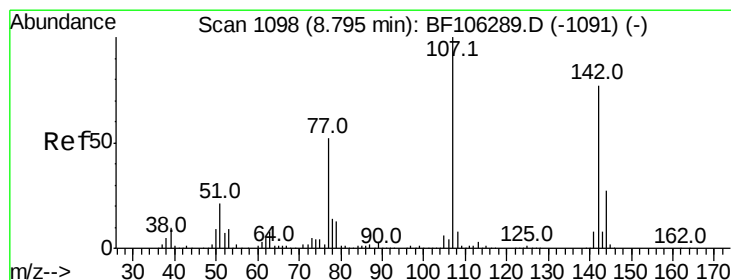
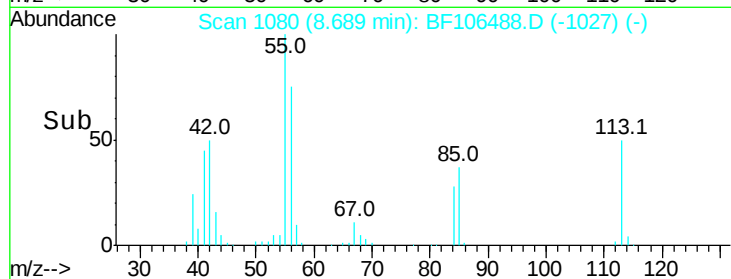
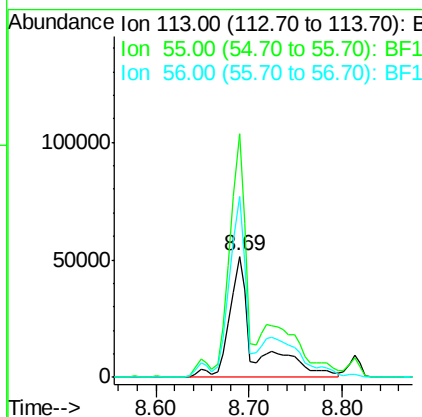
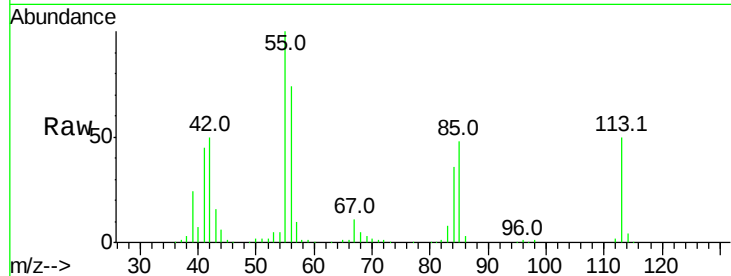
#35
 Caprolactam
 Concen: 43.069 ng/ml
 RT: 8.69 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Instrument :
 BNA_F
 ClientSampleID :
 PB110238BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	201.1	163.3	203.3
56	149.2	115.7	155.7

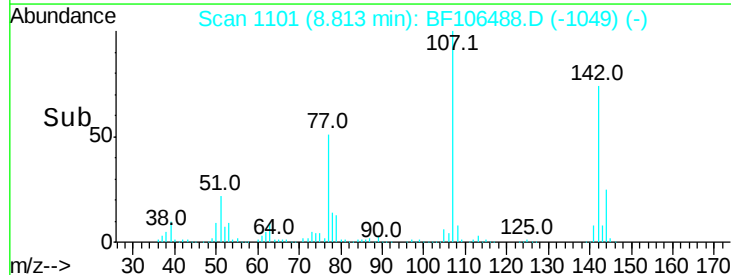
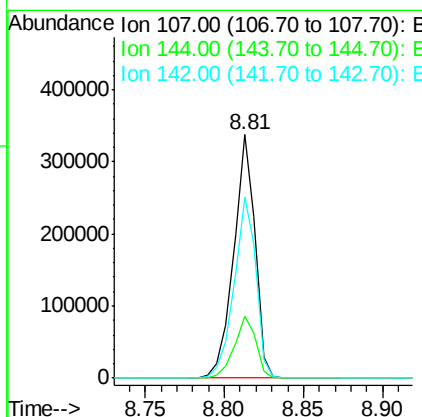
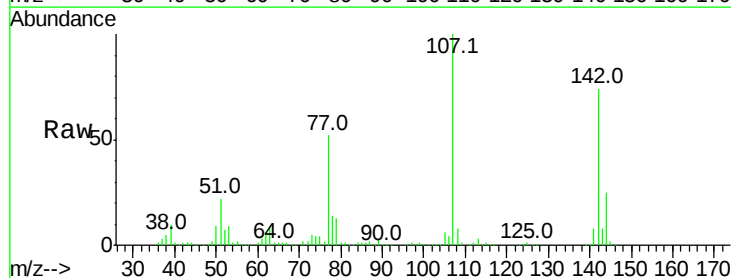
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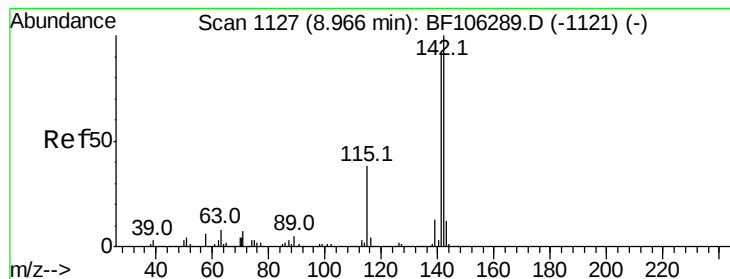
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#36
 4-Chloro-3-methylphenol
 Concen: 42.665 ng/ml
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.5	30.7
142	74.1	62.0	93.0





#37

2-Methylnaphthalene

Concen: 42.575 ng

RT: 8.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

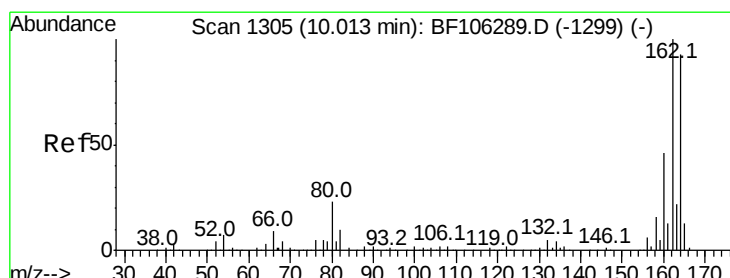
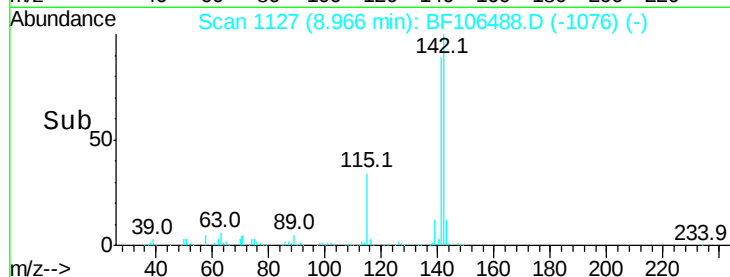
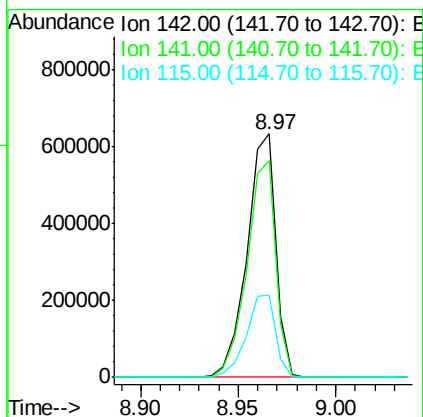
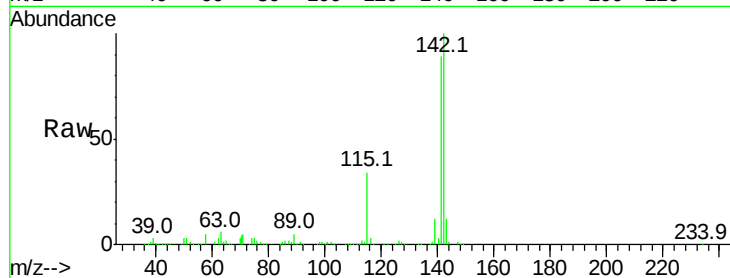
ClientSampleId :

PB110238BS

Tot Ion:	142	Resp:	646922
Ion Ratio	Lower	Upper	
142	100		
141	89.0	70.8	106.2
115	34.1	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

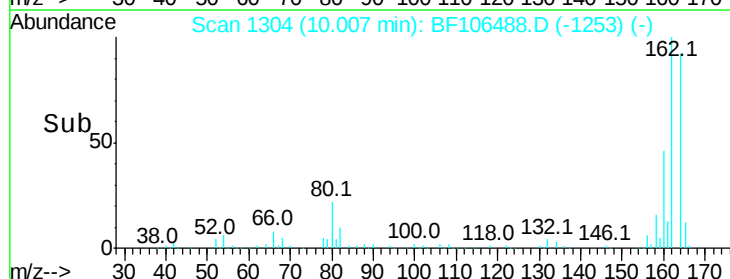
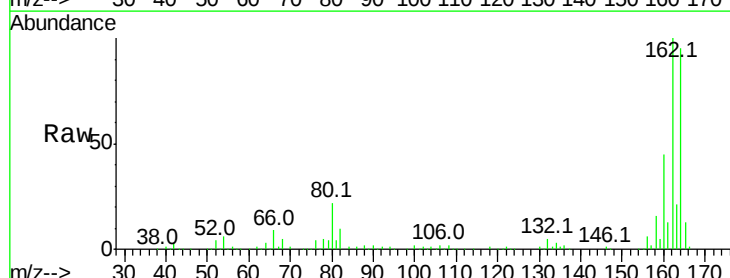
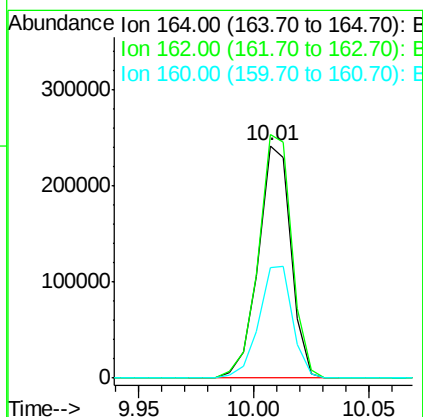
RT: 10.01 min Scan# 1304

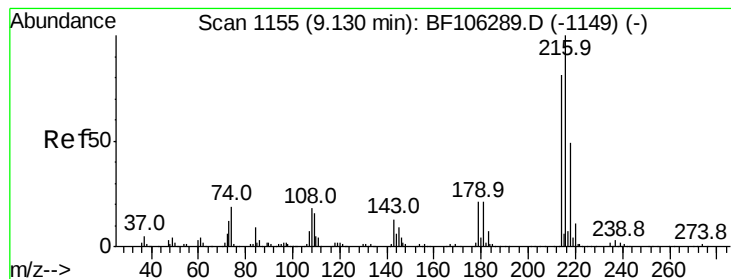
Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Tgt Ion:	164	Resp:	238558
Ion Ratio	Lower	Upper	
164	100		
162	104.9	86.1	129.1
160	47.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.211 ng

RT: 9.13 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

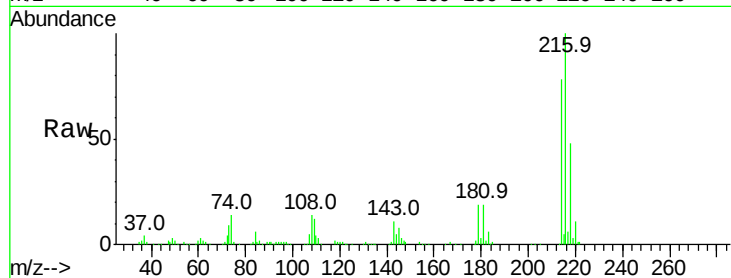
ClientSampleId :

PB110238BS

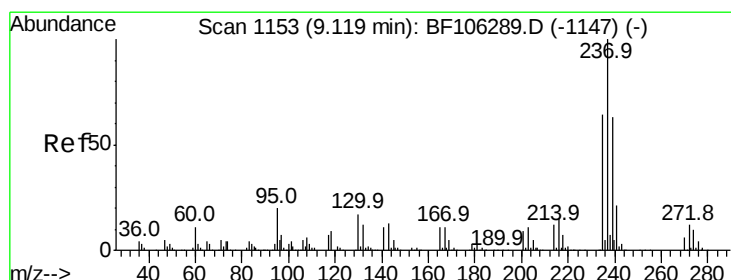
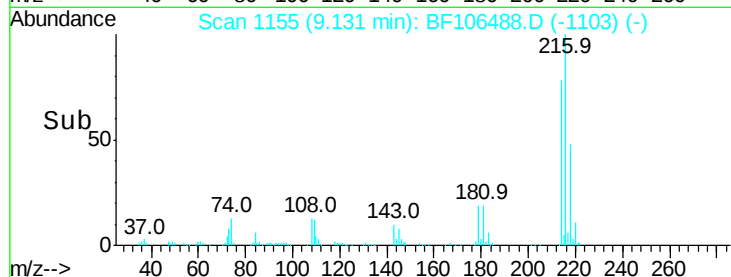
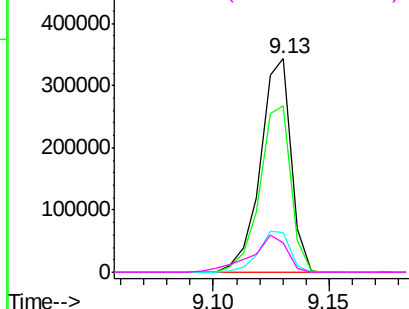
Tot Ion	Ratio	Resp	Lower	Upper
216	100	319147		
214	78.8	63.0	94.4	
179	20.0	18.1	27.1	
108	20.4	17.2	25.8	

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



#40

Hexachlorocyclopentadiene

Concen: 92.373 ng

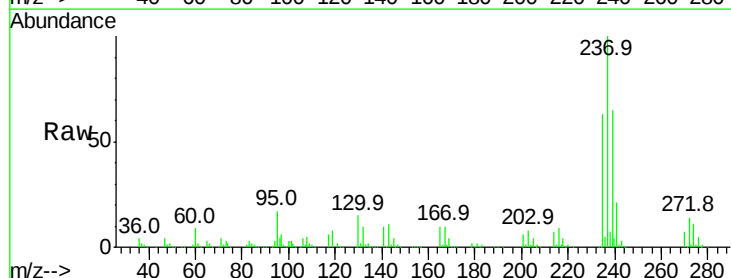
RT: 9.11 min Scan# 1152

Delta R.T. 0.00 min

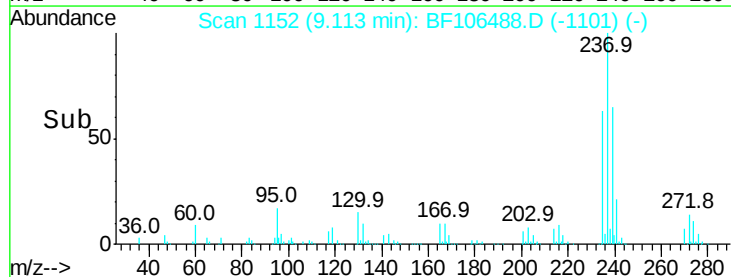
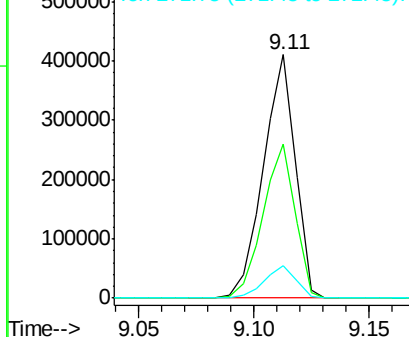
Lab File: BF106488.D

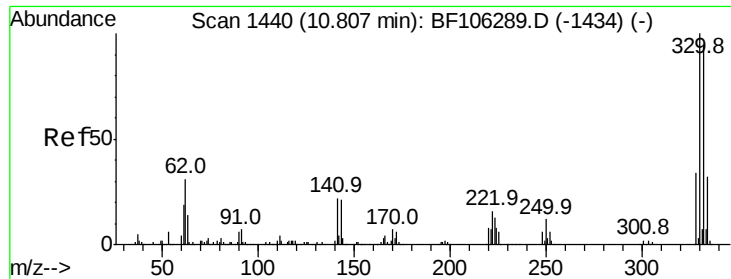
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	394687		
235	63.4	44.8	84.8	
272	13.6	0.0	33.3	



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





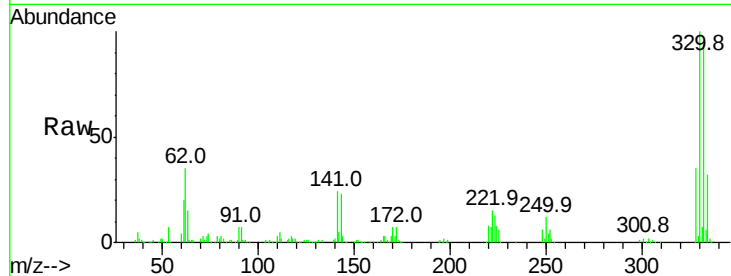
#41
 2,4,6-Tribromophenol
 Concen: 148.720 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

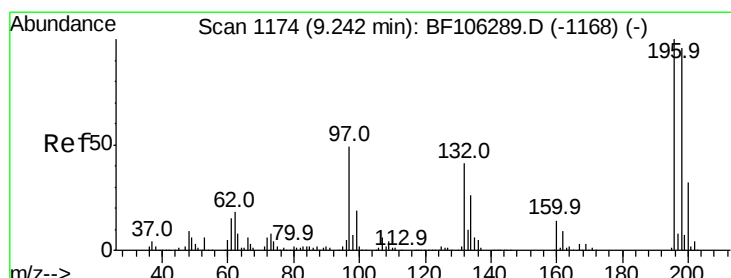
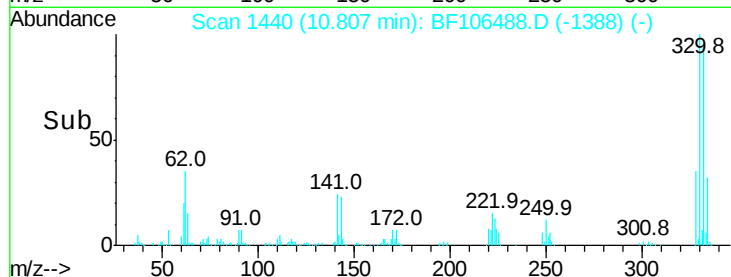
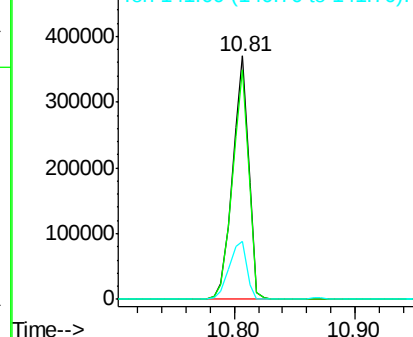
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.0	115.6	
141	26.5	29.9	44.9	

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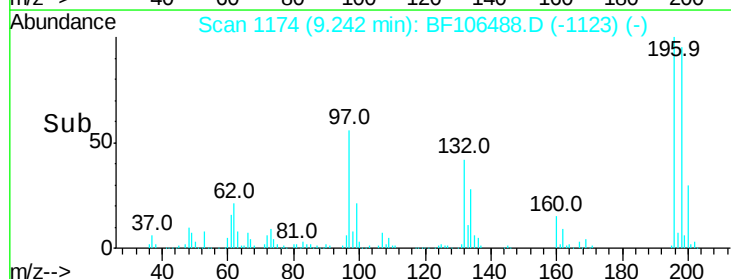
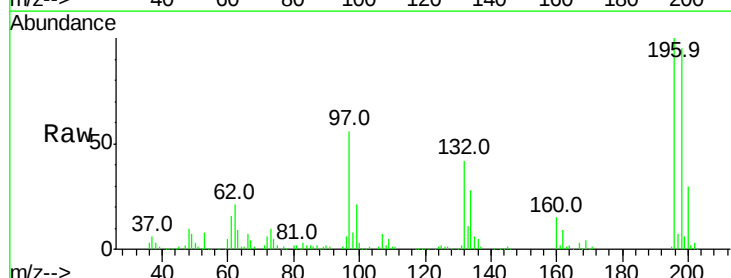
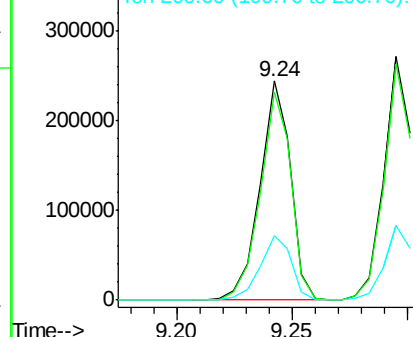
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

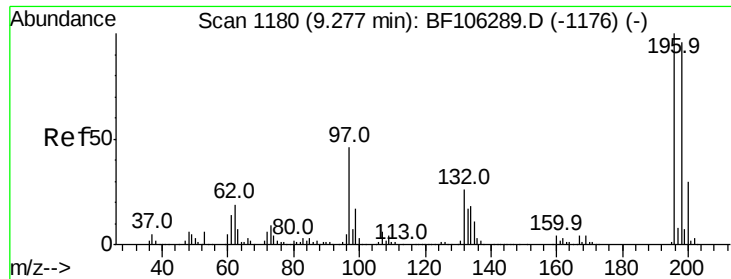


#42
 2,4,6-Trichlorophenol
 Concen: 45.723 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.8	75.7	113.5	
200	29.7	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





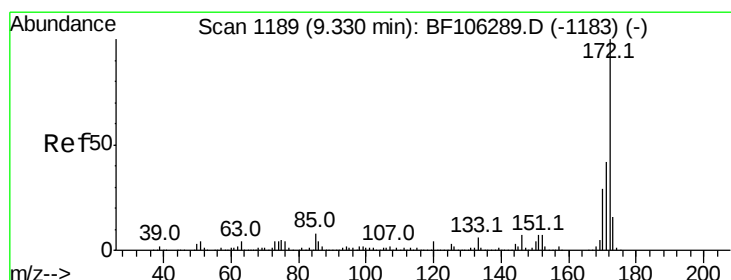
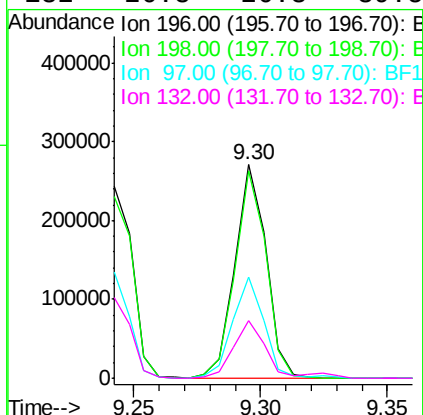
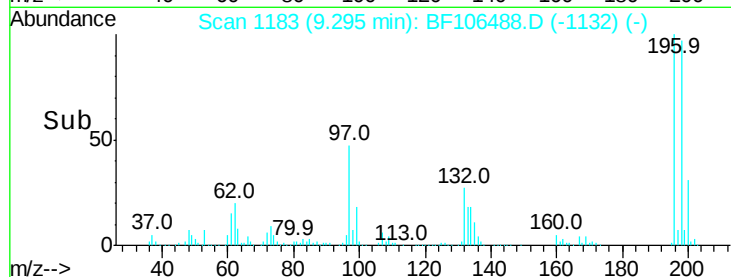
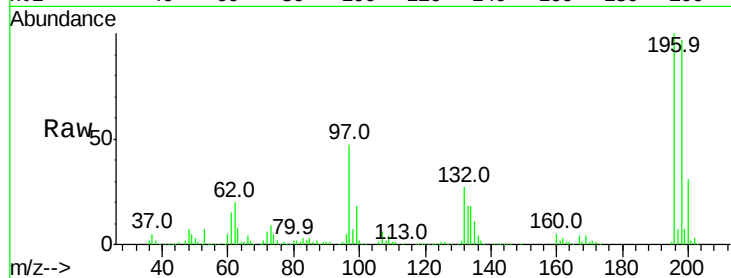
#43
2,4,5-Trichlorophenol
Concen: 43.424 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	196	Resp	231032
Ion Ratio	Lower	Upper	
196	100		
198	96.9	74.6	112.0
97	47.3	42.9	64.3
132	26.8	26.3	39.5

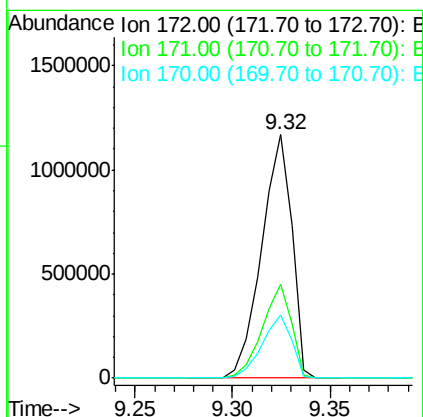
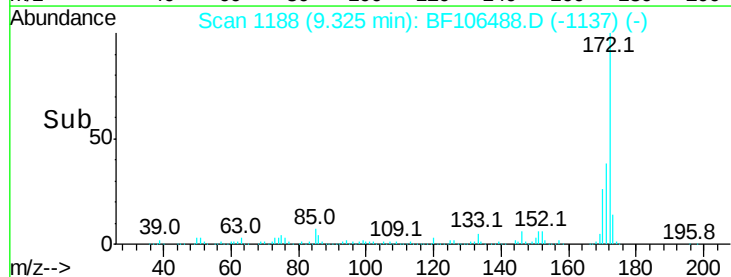
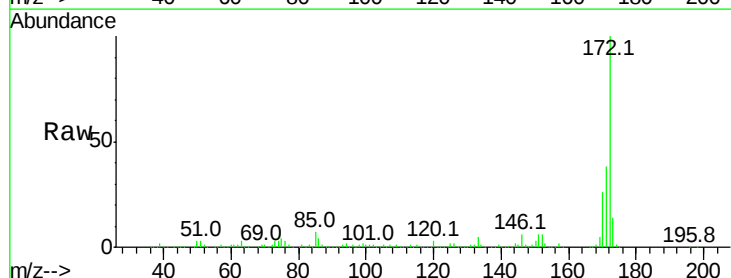
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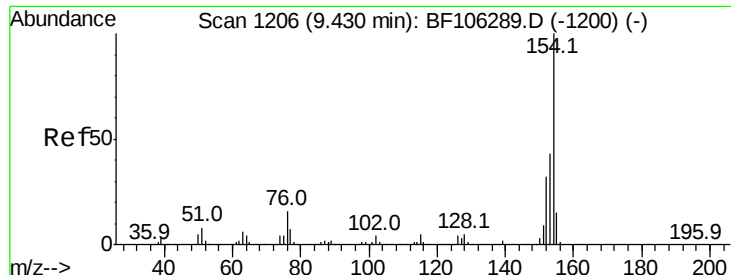
Sohil
6/18/2018 10:38:16 AM



#44
2-Fluorobiphenyl
Concen: 97.968 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	172	Resp	1255354
Ion Ratio	Lower	Upper	
172	100		
171	38.5	29.7	44.5
170	26.0	19.6	29.4





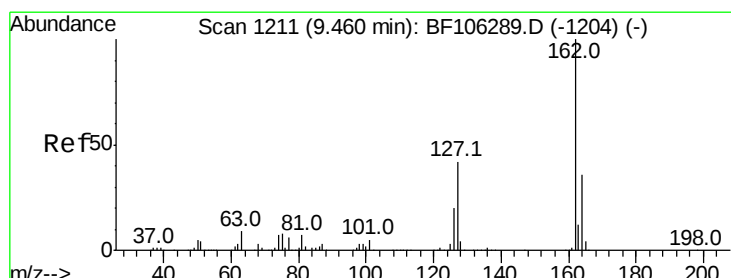
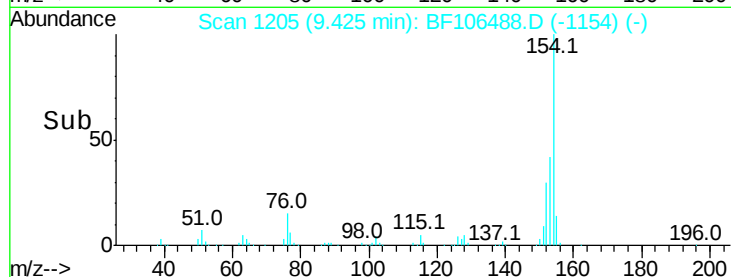
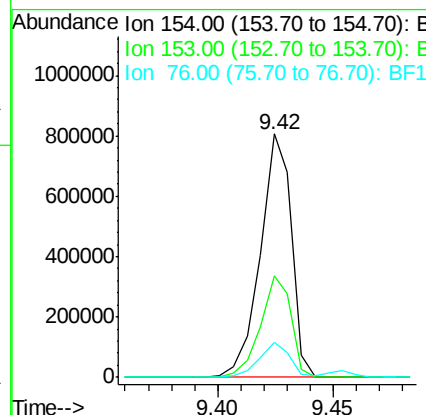
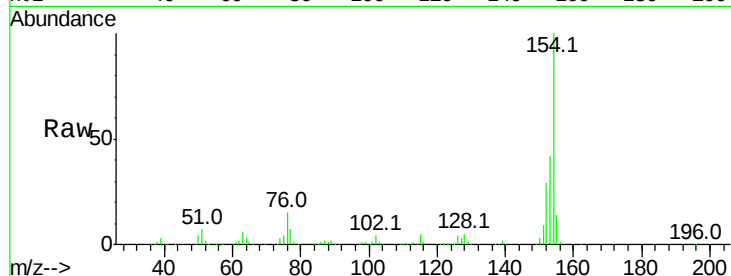
#45
 1,1'-Biphenyl
 Concen: 40.882 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Instrument :
 BNA_F
 ClientSampled :
 PB110238BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.9	21.3	61.3	
76	14.5	0.0	34.0	

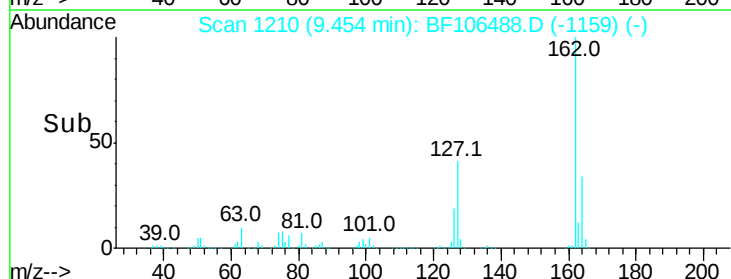
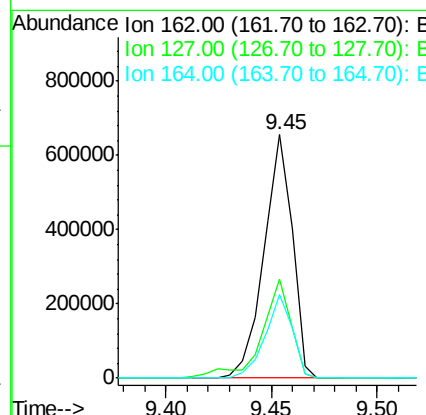
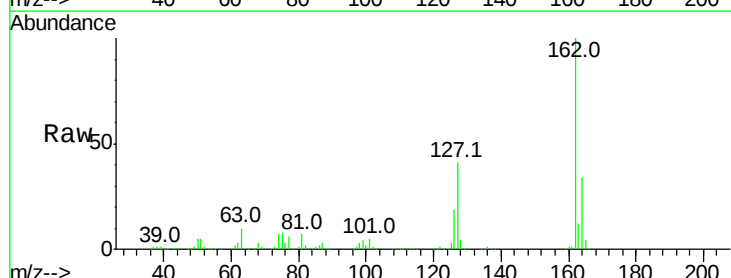
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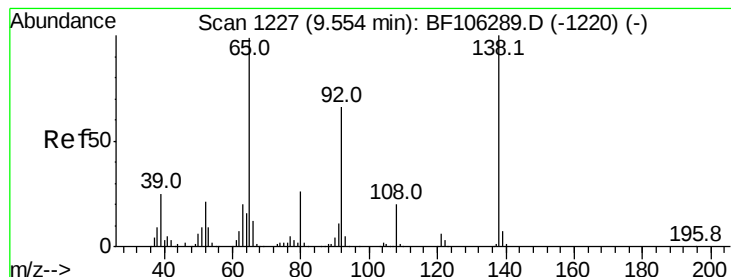
Sohil
 6/18/2018 10:38:16 AM



#46
 2-Chloronaphthalene
 Concen: 41.454 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.9	33.9	50.9	
164	34.4	26.5	39.7	





#47

2-Nitroaniline

Concen: 46.919 ng

RT: 9.55 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

Tot Ion: 65 Resp: 218252
Ion Ratio Lower Upper

65 100

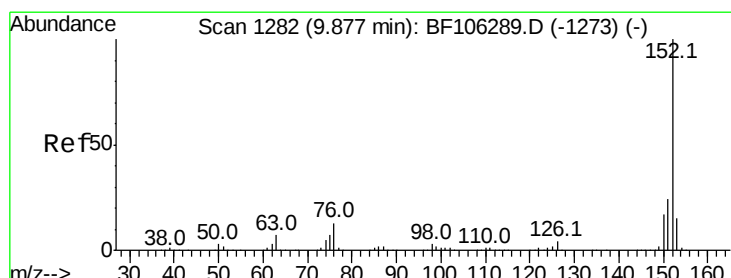
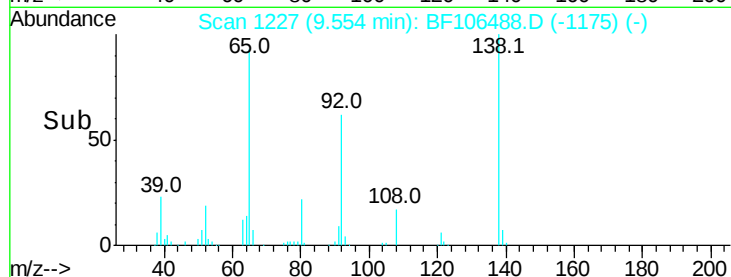
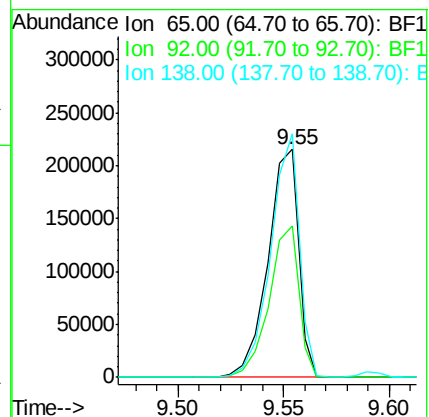
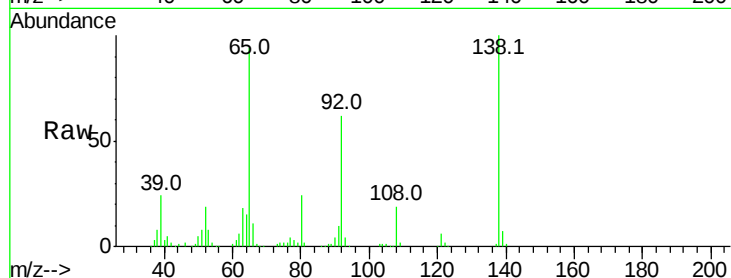
92 66.5 55.8 83.6

138 106.8 91.2 136.8

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#48

Acenaphthylene

Concen: 42.832 ng

RT: 9.87 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF106488.D

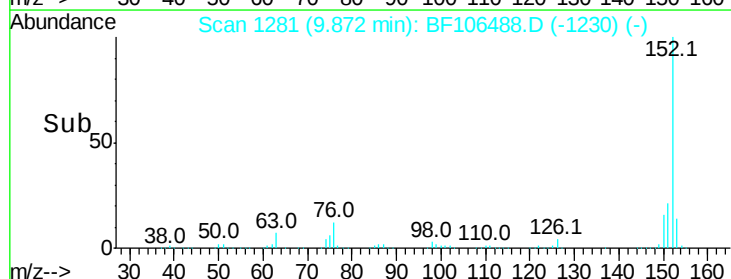
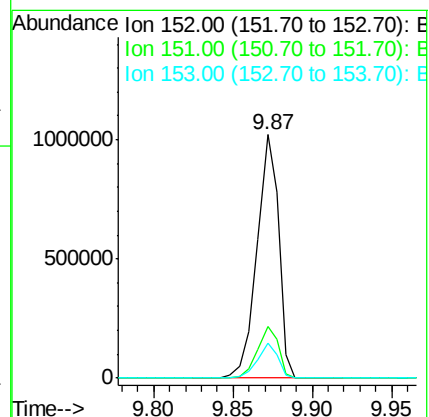
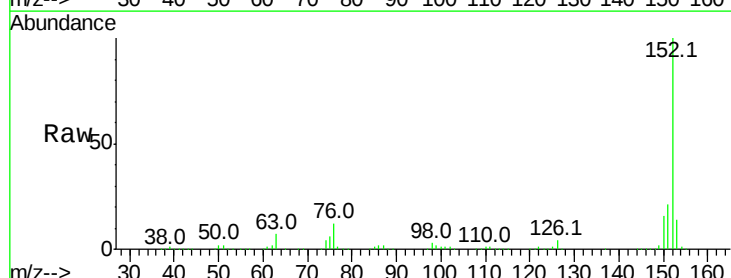
Acq: 15 Jun 2018 13:41

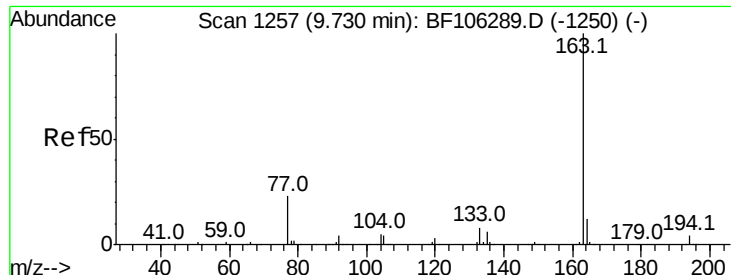
Tgt Ion: 152 Resp: 969430
Ion Ratio Lower Upper

152 100

151 21.3 16.3 24.5

153 14.2 10.7 16.1





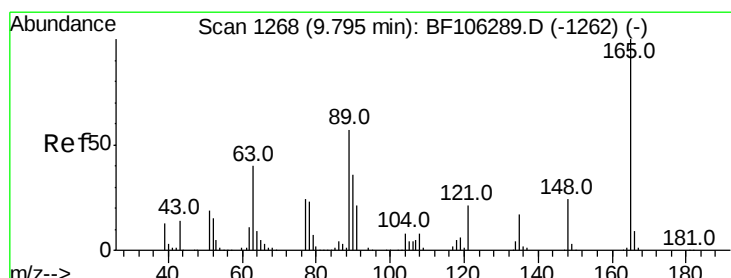
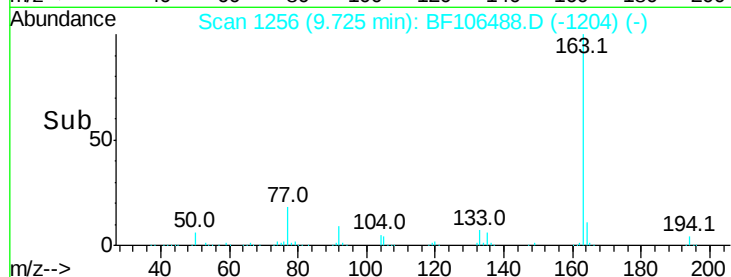
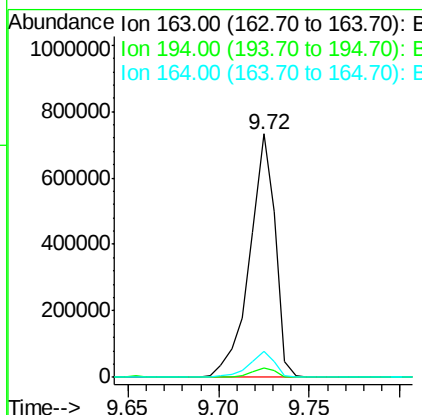
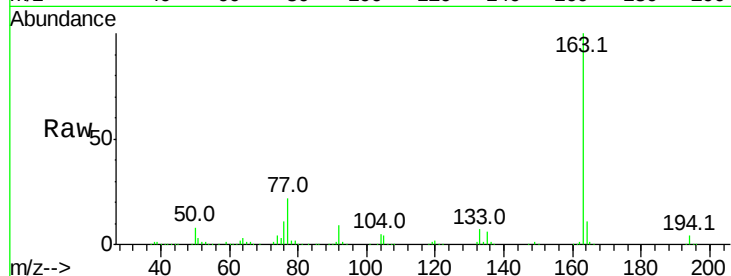
#49
Dimethylphthalate
Concen: 42.035 ng
RT: 9.72 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	716433		
194	3.9		2.7	4.1
164	10.7		8.2	12.2

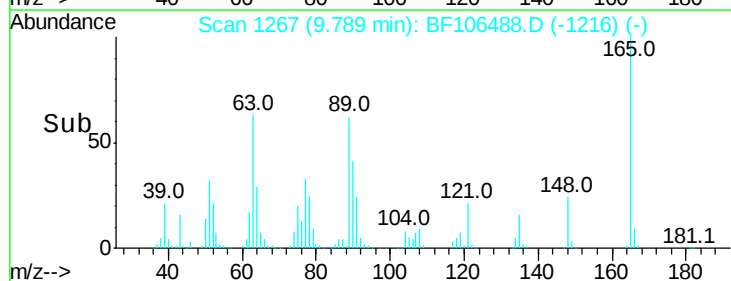
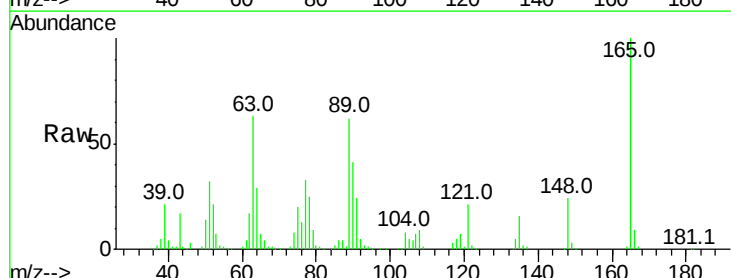
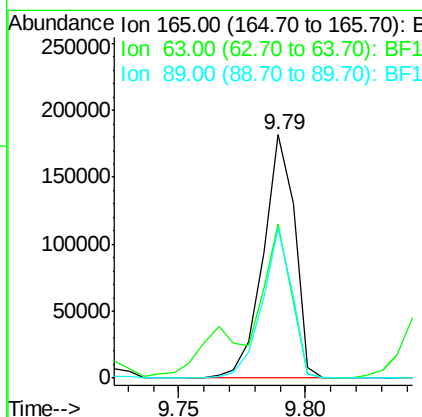
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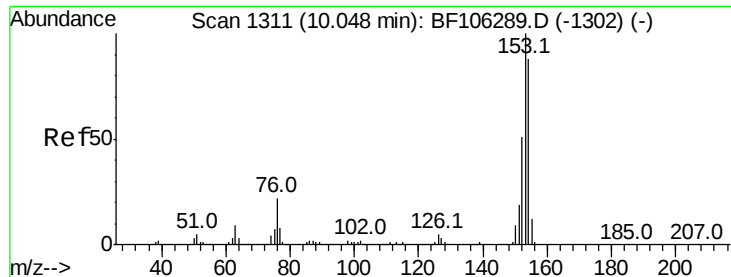
Sohil
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#50
2,6-Dinitrotoluene
Concen: 45.557 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	158605		
63	63.1		44.7	67.1
89	61.6		44.0	66.0





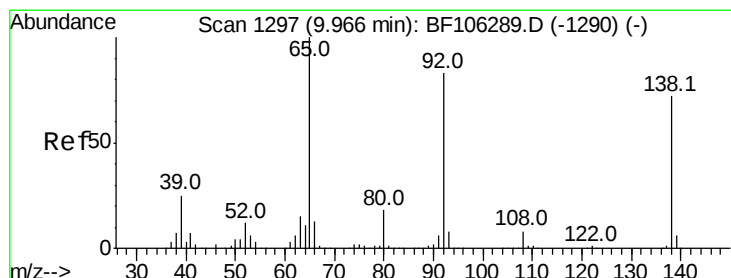
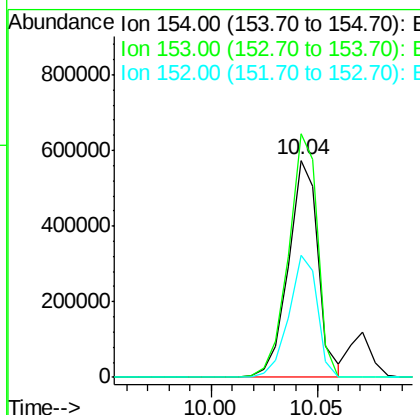
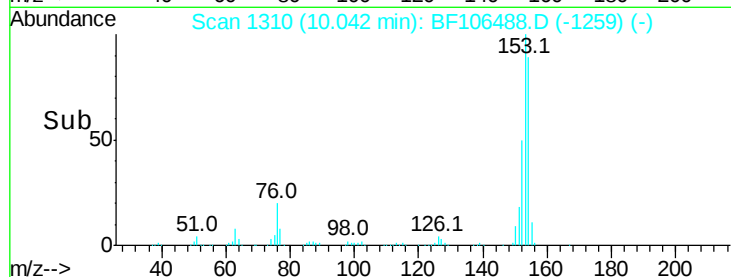
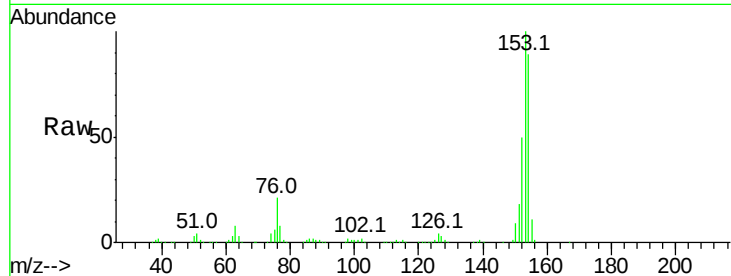
#51
Acenaphthene
Concen: 38.665 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.2	136.8
152	56.1	43.8	65.8

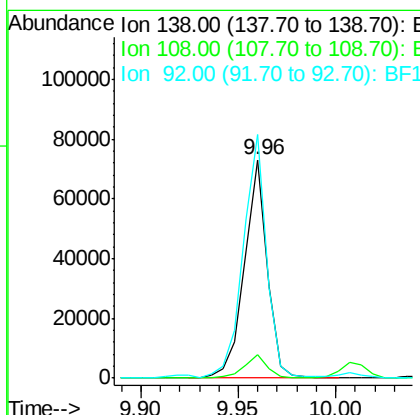
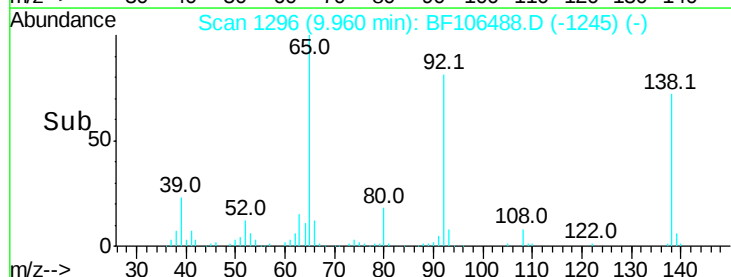
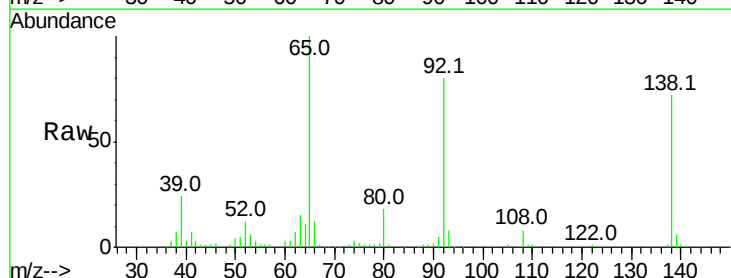
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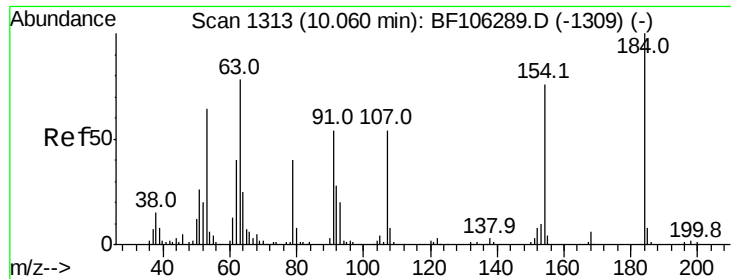
Sohil
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#52
3-Nitroaniline
Concen: 14.360 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.4	14.0
92	111.4	89.4	134.2





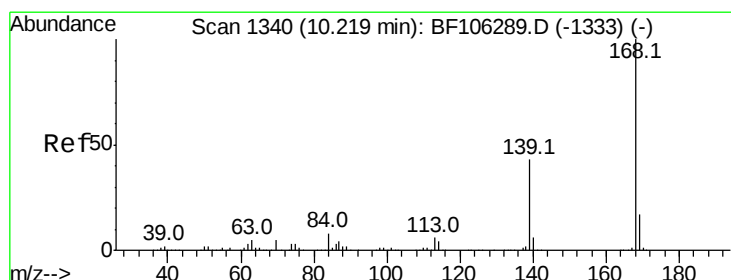
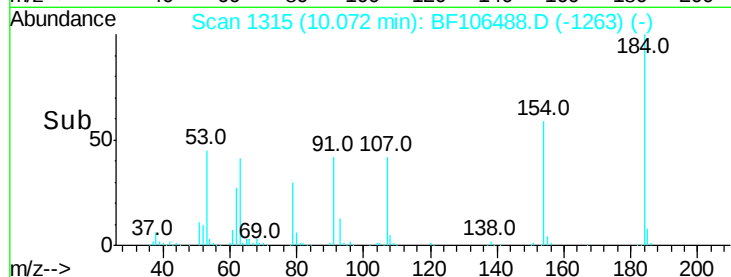
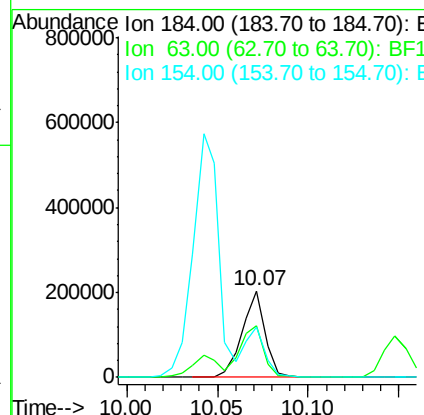
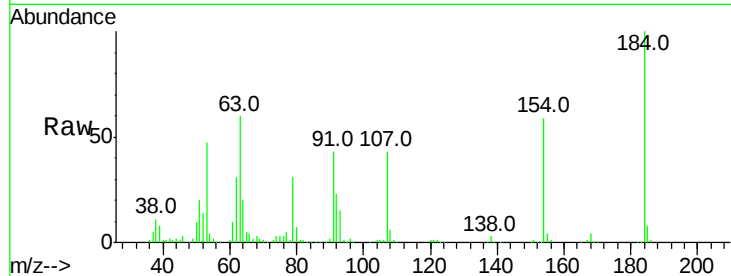
#53
2,4-Dinitrophenol
Concen: 108.776 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampled :
PB110238BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	179419		
63	60.1	54.2	81.2	
154	58.8	184.0	276.0	

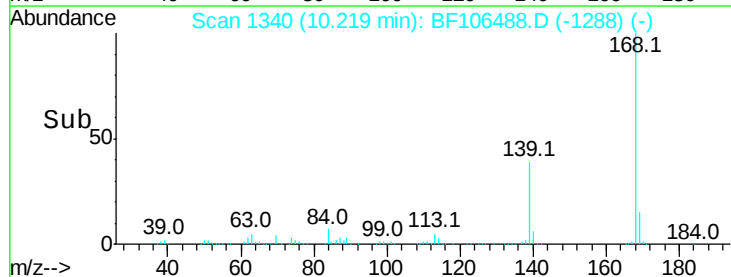
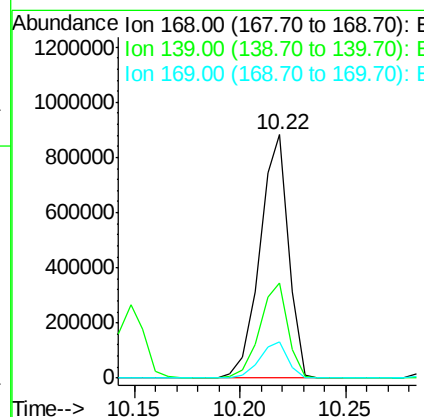
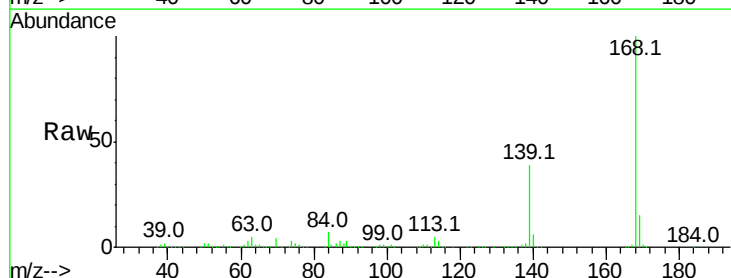
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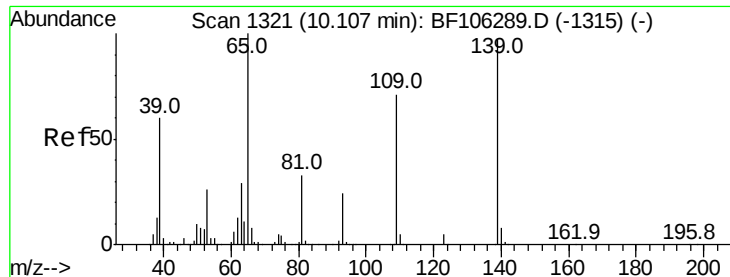
Sohil
6/18/2018 10:38:16 AM



#54
Dibenzofuran
Concen: 42.315 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	832861		
139	39.1	30.1	45.1	
169	14.9	10.9	16.3	





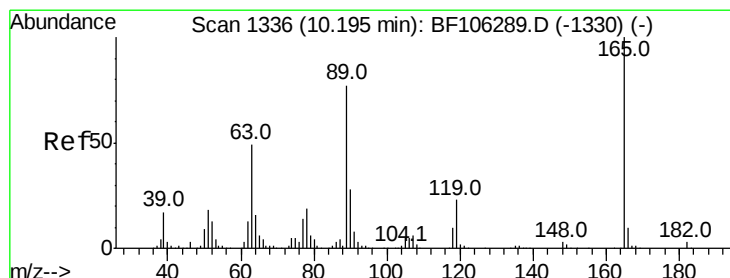
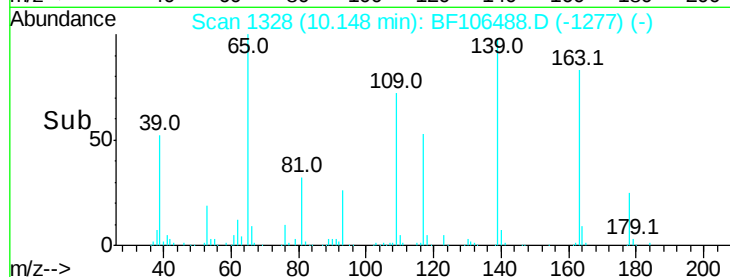
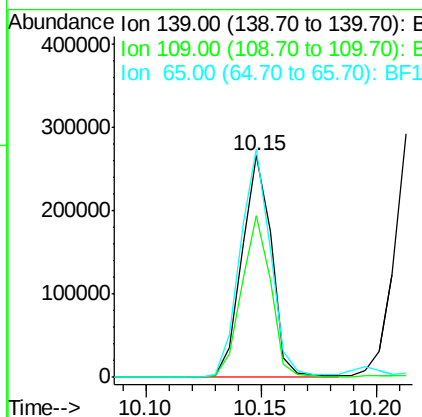
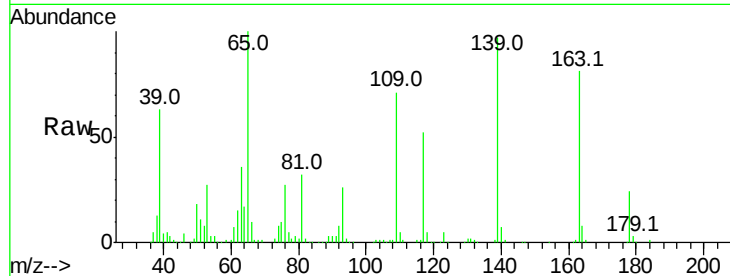
#55
4-Nitrophenol
Concen: 75.411 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	73.2	48.4	88.4	
65	103.3	72.6	112.6	

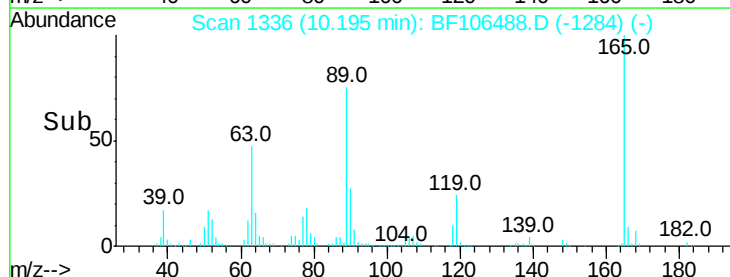
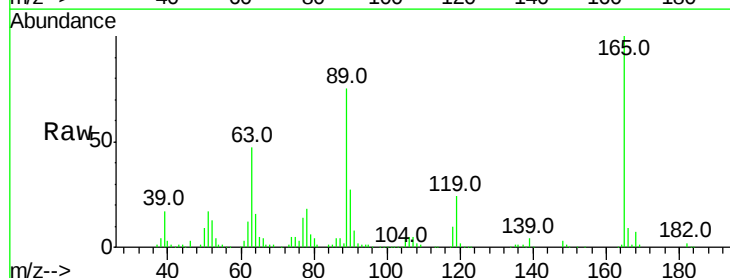
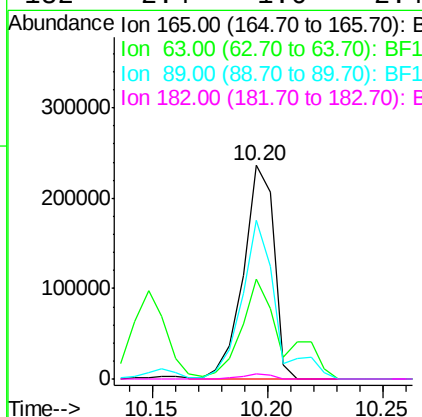
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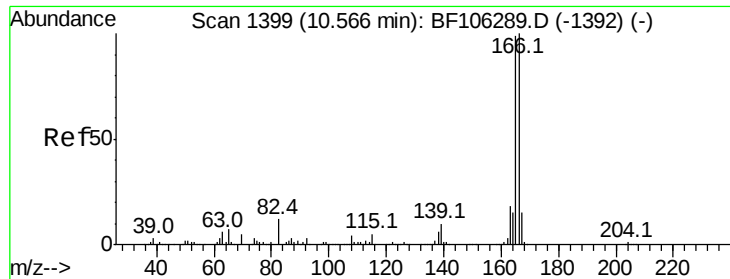
Sohil
6/18/2018 10:38:16 AM



#56
2,4-Dinitrotoluene
Concen: 50.224 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.8	36.4	54.6	
89	74.5	57.8	86.6	
182	2.4	1.6	2.4	#





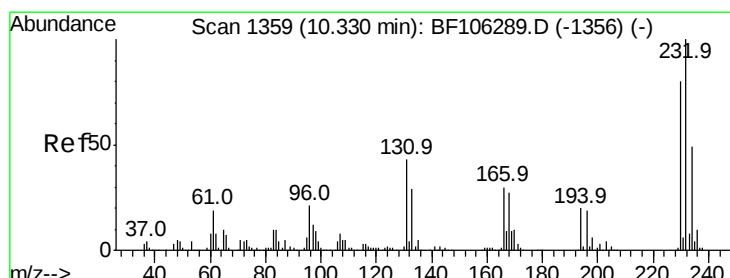
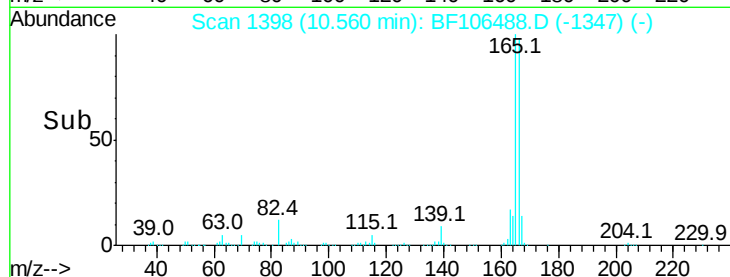
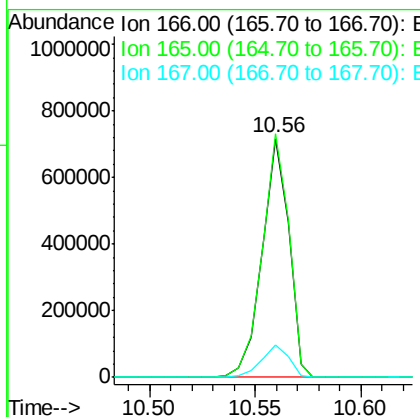
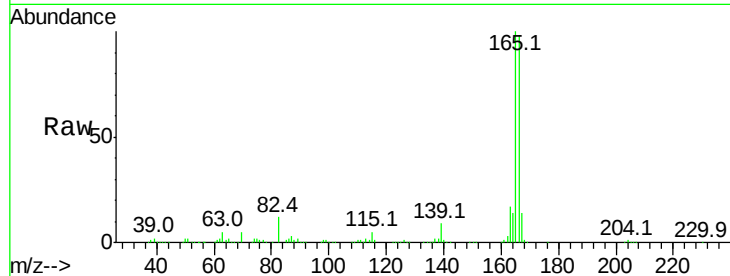
#57
 Fluorene
 Concen: 40.766 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.9	79.8	119.8	
167	13.8	10.6	16.0	

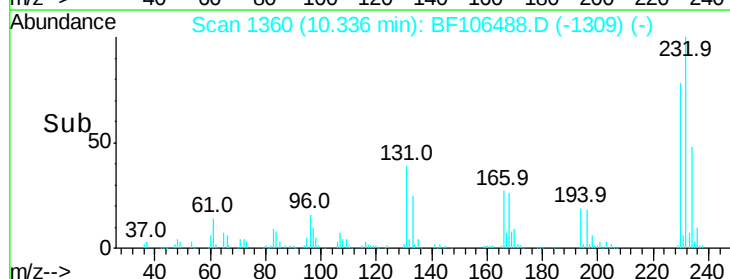
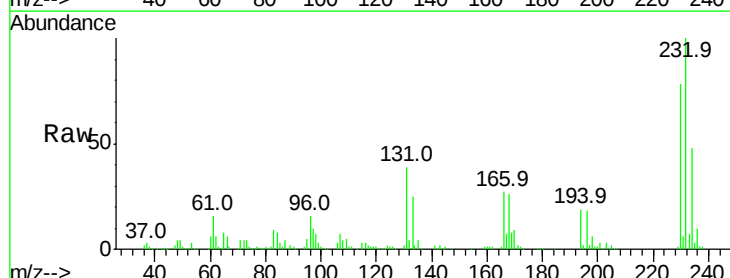
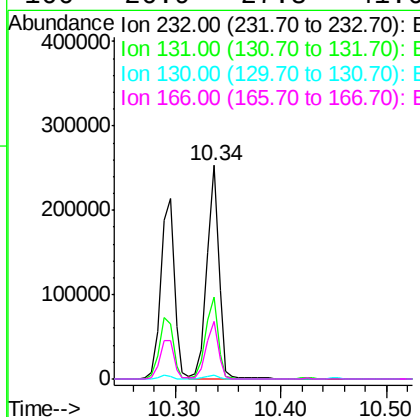
Manual Integrations
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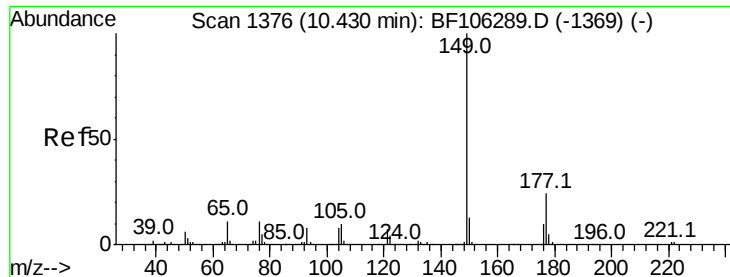
Sohil
 6/18/2018 10:38:16 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.246 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	39.2	43.8	65.8#	
130	1.9	2.1	3.1#	
166	26.9	27.8	41.6#	





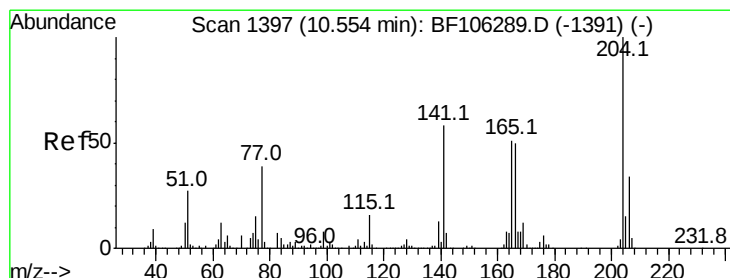
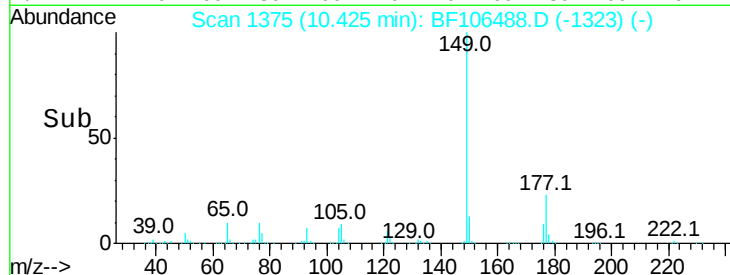
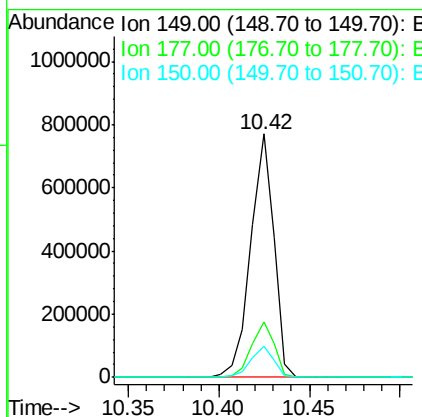
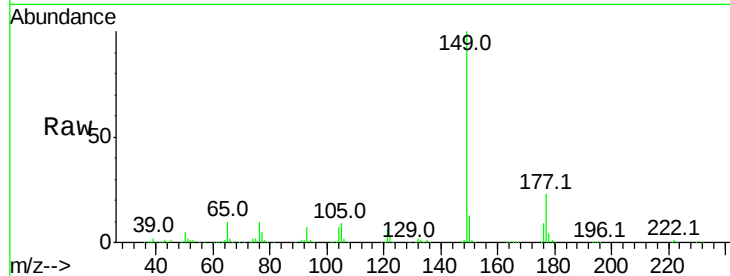
#59
Diethylphthalate
Concen: 40.480 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	684790		
177	22.9		16.1	24.1
150	12.7		10.1	15.1

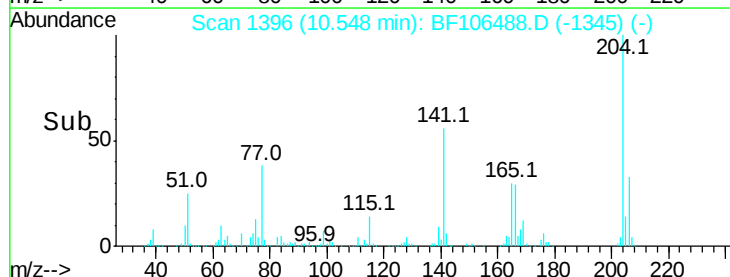
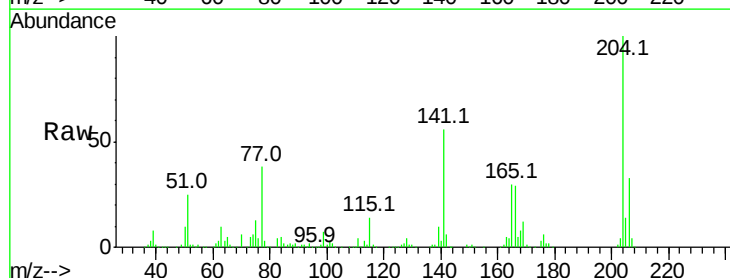
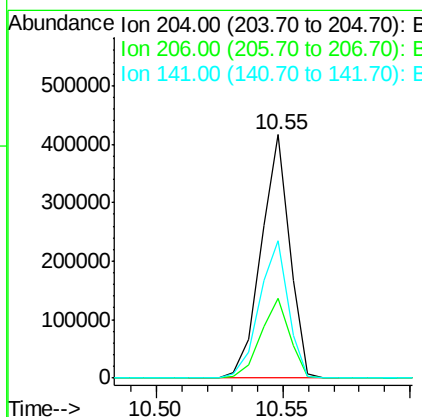
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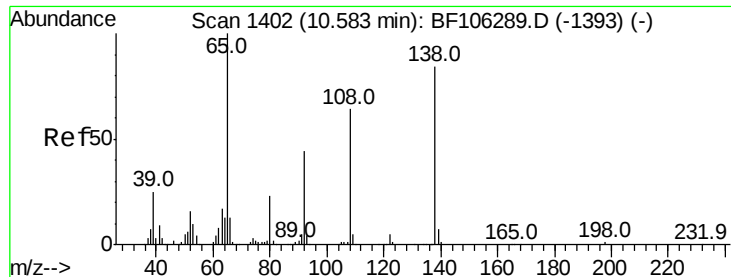
Sohil
6/18/2018 10:38:16 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.968 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	327826		
206	32.9		26.5	39.7
141	56.3		54.6	81.8





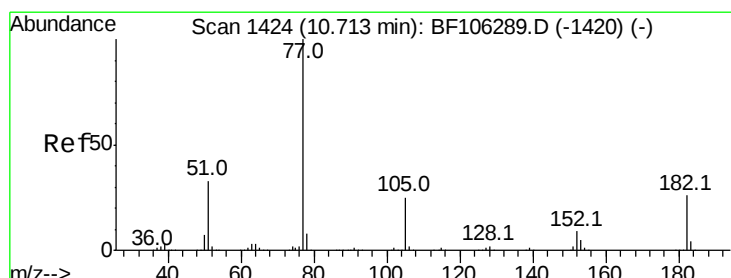
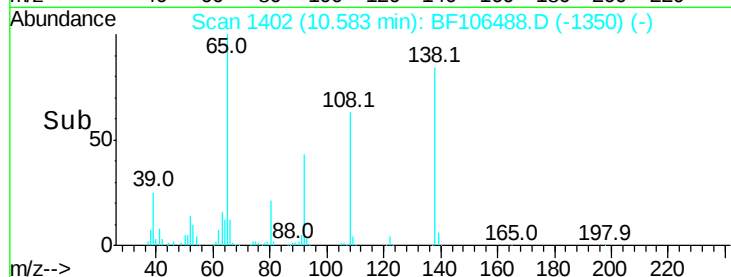
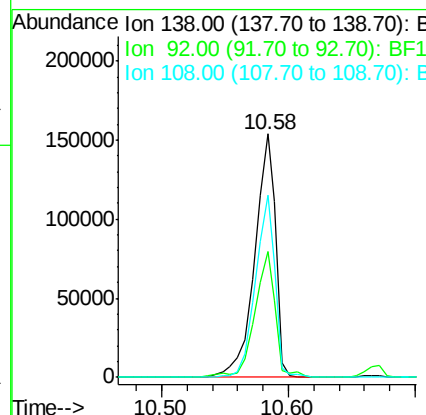
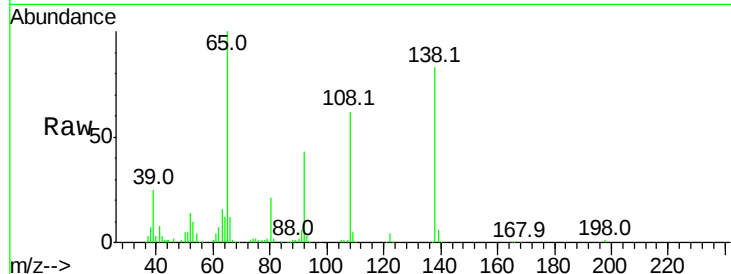
#61
4-Nitroaniline
Concen: 44.114 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.8	30.2	70.2
108	74.9	52.5	92.5

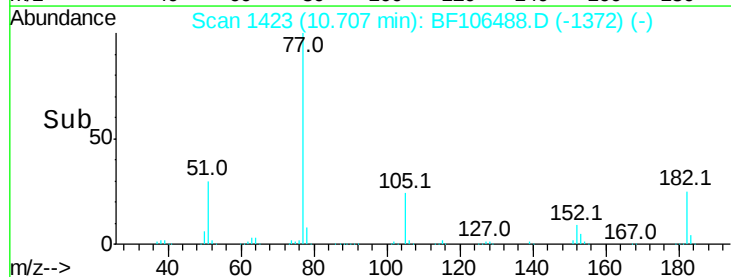
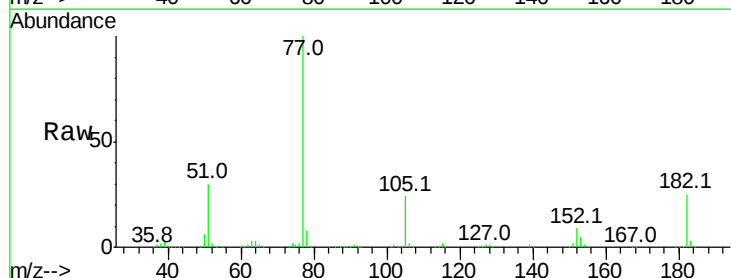
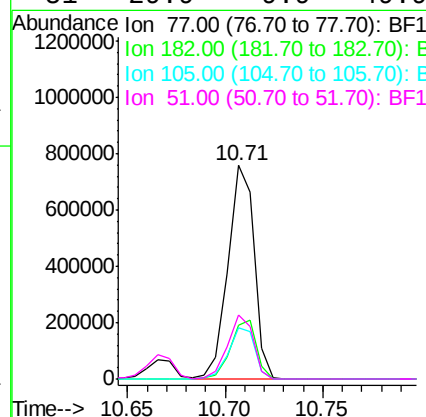
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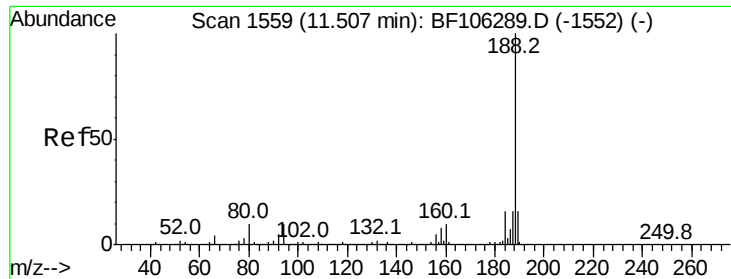
Sohil
6/18/2018 10:38:16 AM



#62
Azobenzene
Concen: 40.088 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	1.7	41.7
105	24.2	3.0	43.0
51	29.9	9.9	49.9





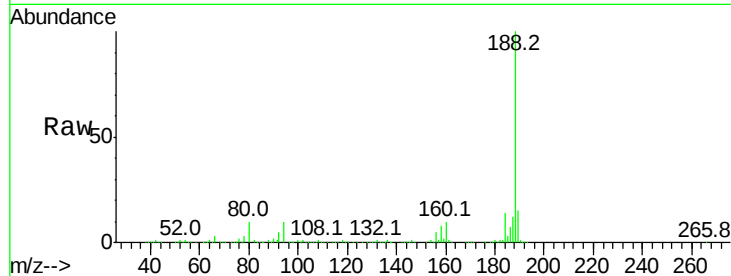
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	8.5	12.7
80	10.2	9.2	13.8

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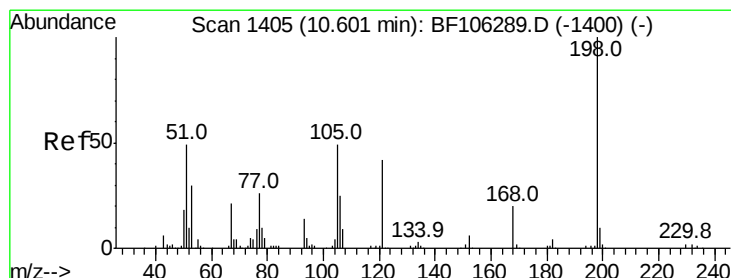
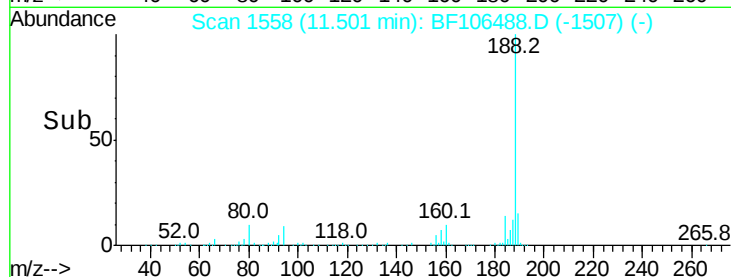
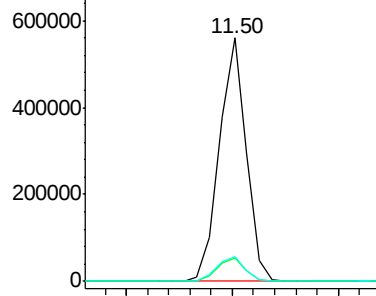
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Abundance Ion 188.00 (187.70 to 188.70): E

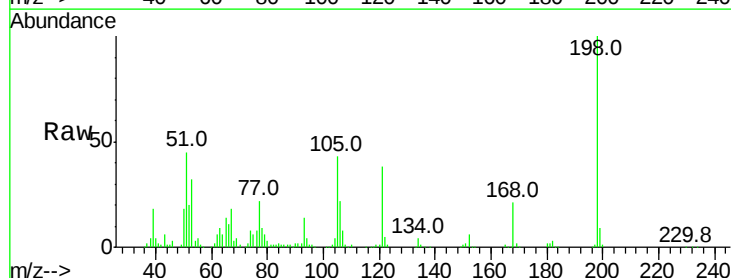
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 47.144 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

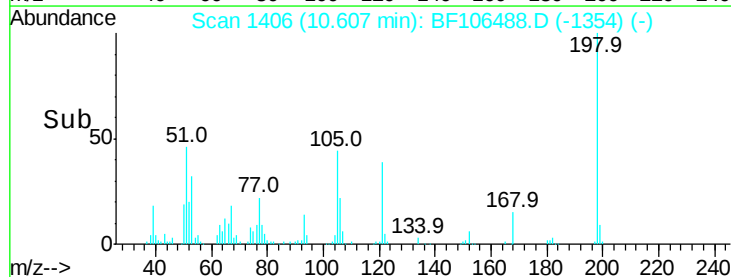
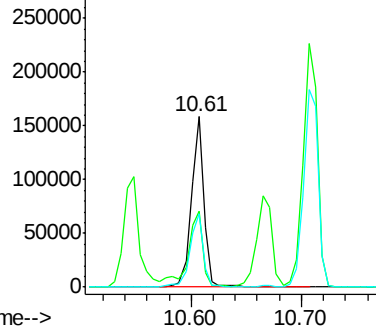
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.8	37.7	77.7
105	43.1	36.3	76.3

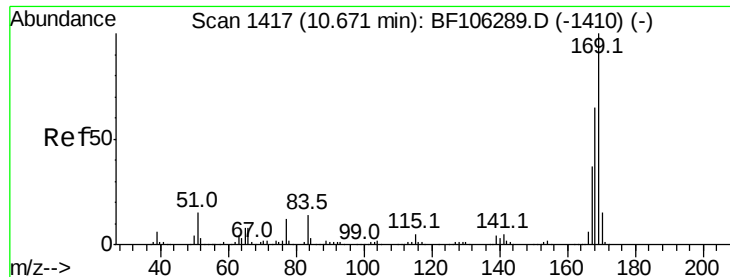


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.922 ng

RT: 10.67 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

Tot Ion:169 Resp: 612870

Ion Ratio Lower Upper

169 100

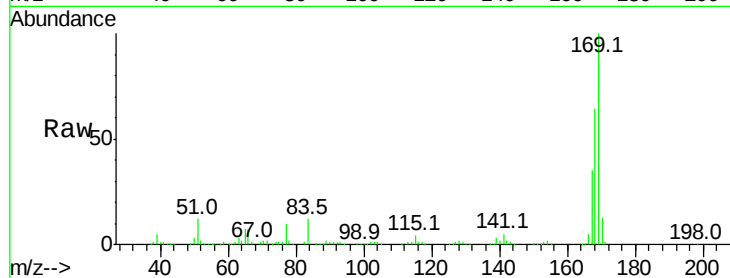
168 63.7 54.4 81.6

167 35.1 29.8 44.6

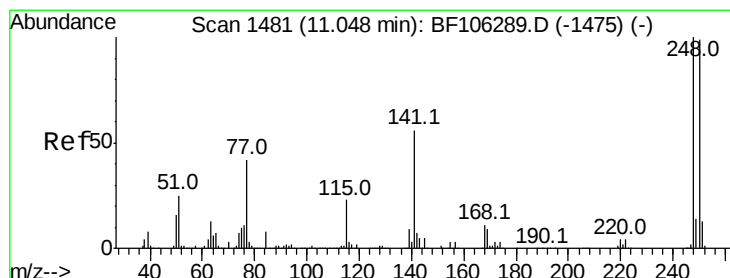
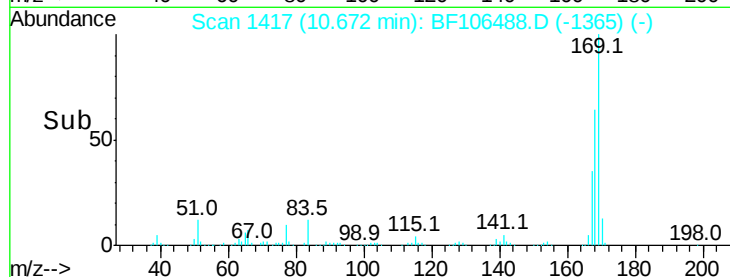
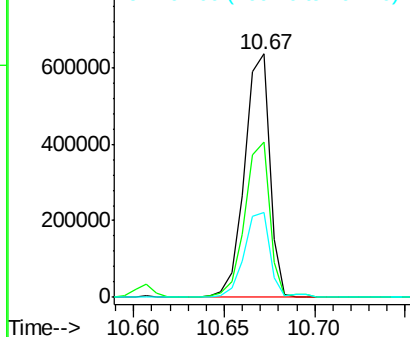
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.703 ng

RT: 11.04 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Tgt Ion:248 Resp: 234268

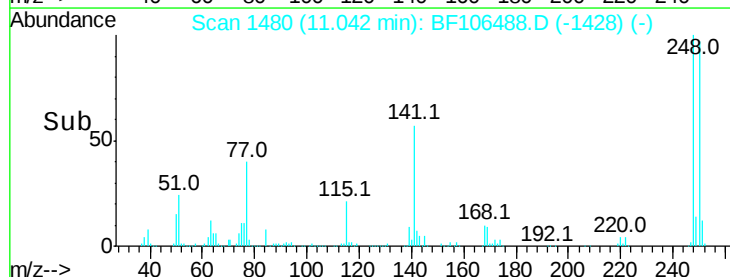
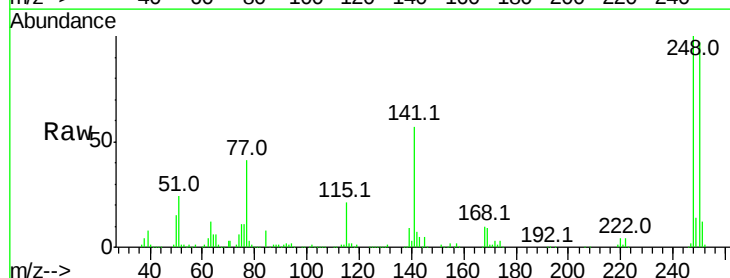
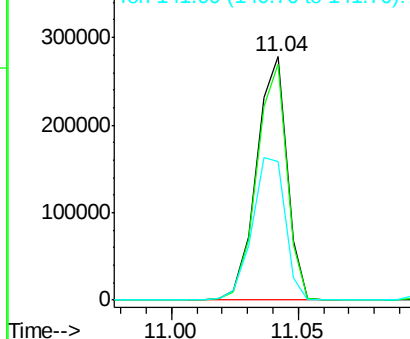
Ion Ratio Lower Upper

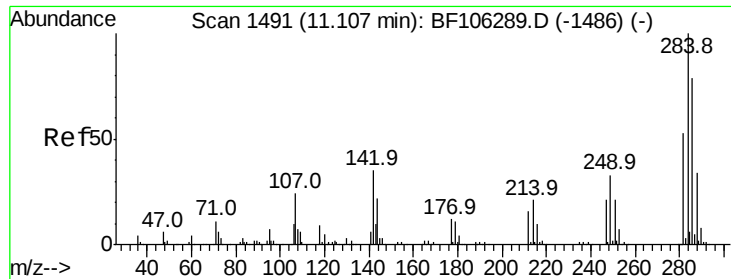
248 100

250 97.1 76.9 115.3

141 57.0 74.4 111.6#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.249 ng

RT: 11.11 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

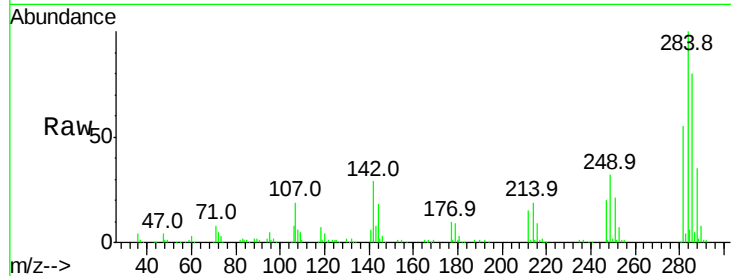
ClientSampleId :

PB110238BS

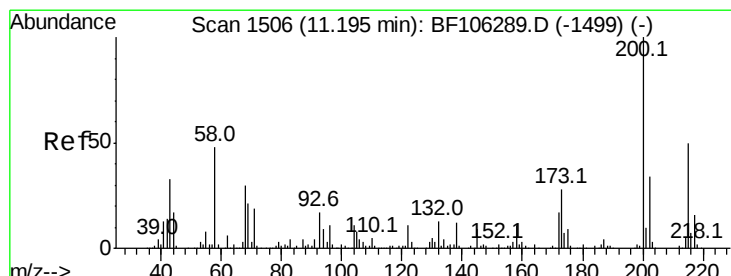
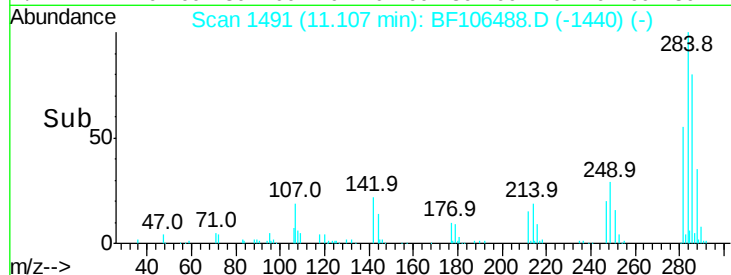
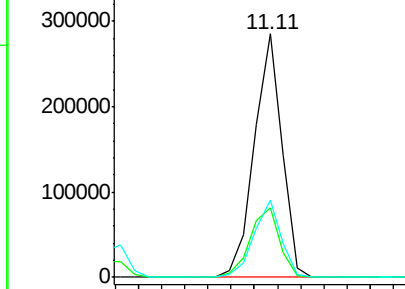
Tot Ion:	284	Resp:	238888
Ion Ratio	Lower	Upper	
284	100		
142	28.8	34.6	52.0#
249	31.7	24.8	37.2

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



#68

Atrazine

Concen: 41.076 ng

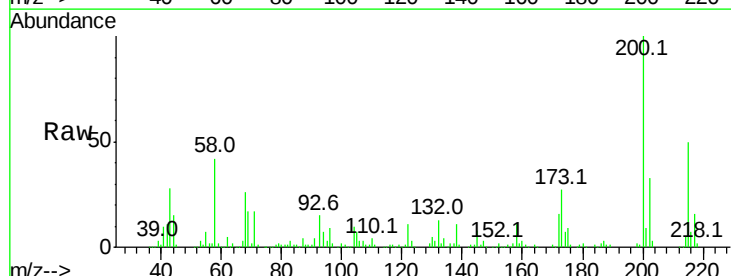
RT: 11.20 min Scan# 1506

Delta R.T. 0.01 min

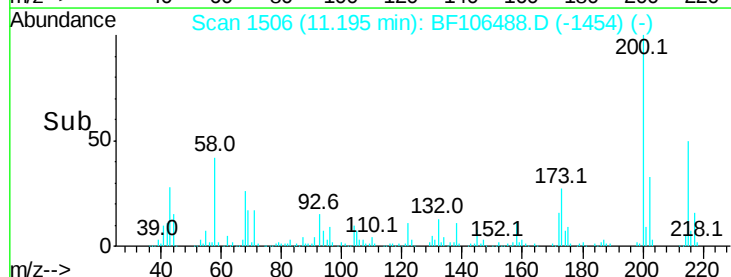
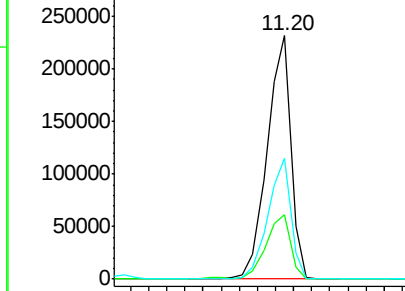
Lab File: BF106488.D

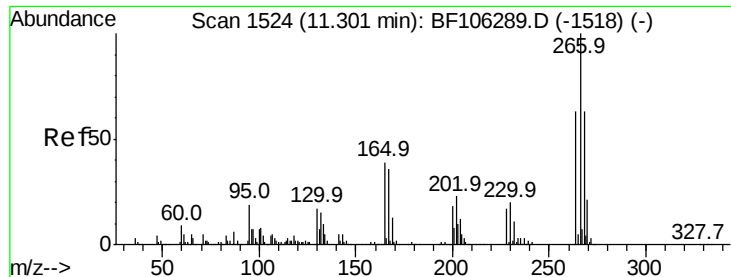
Acq: 15 Jun 2018 13:41

Tgt Ion:	200	Resp:	210118
Ion Ratio	Lower	Upper	
200	100		
173	26.7	8.6	48.6
215	49.5	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





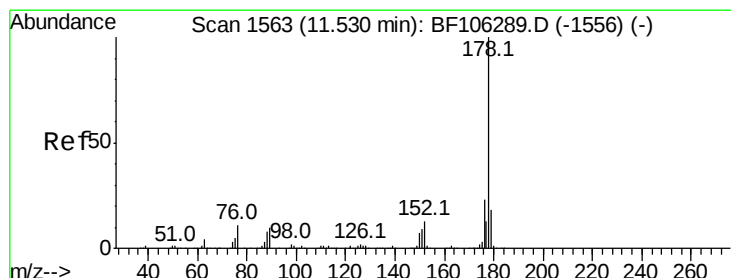
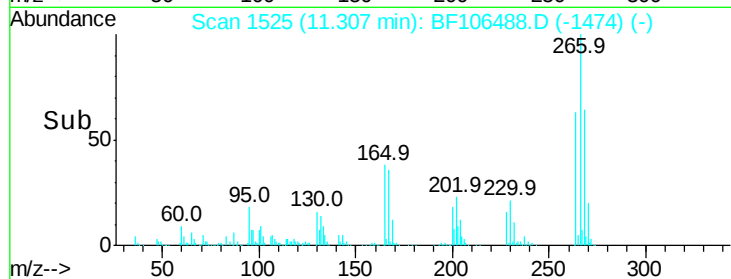
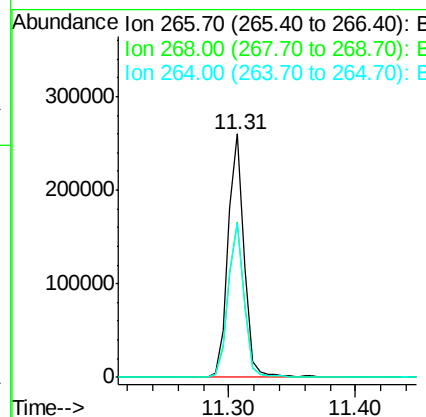
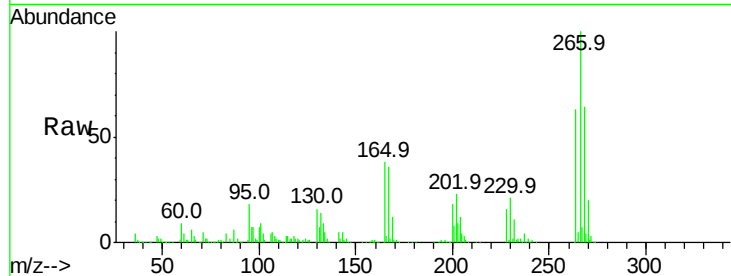
#69
 Pentachlorophenol
 Concen: 64.354 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

Tot Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	51.1	76.7
264	63.1	49.5	74.3

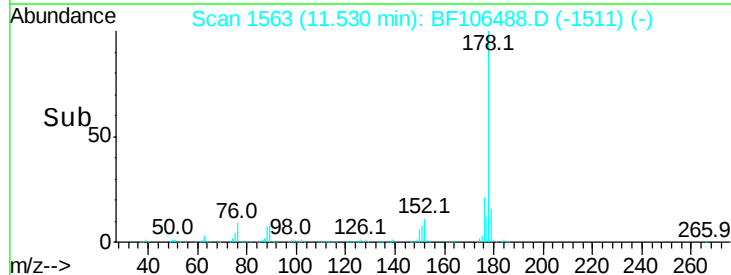
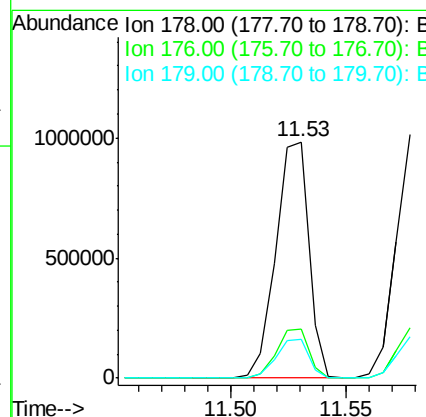
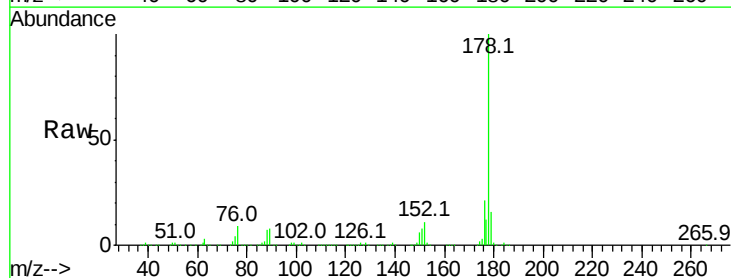
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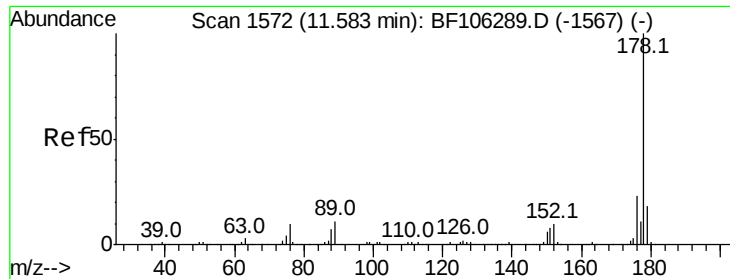
Sohil
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#70
 Phenanthrene
 Concen: 40.391 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.6	15.8	23.8
179	16.2	13.0	19.6





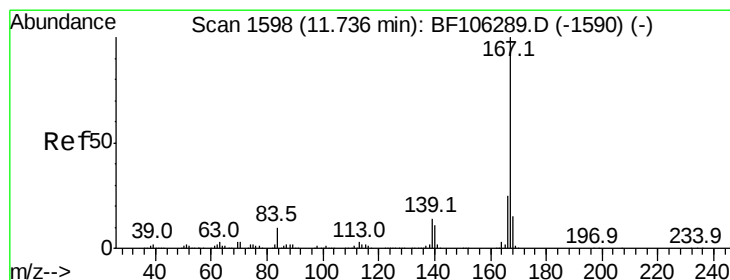
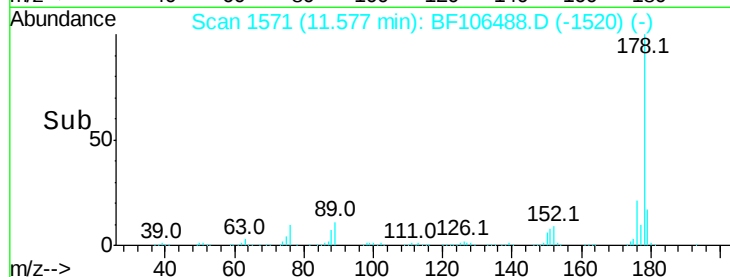
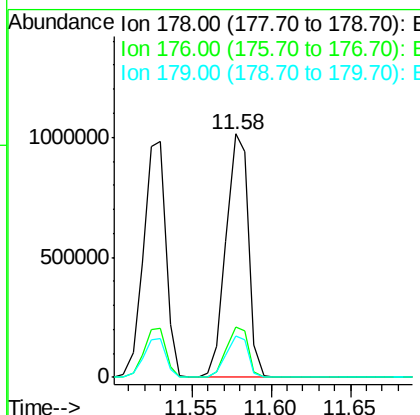
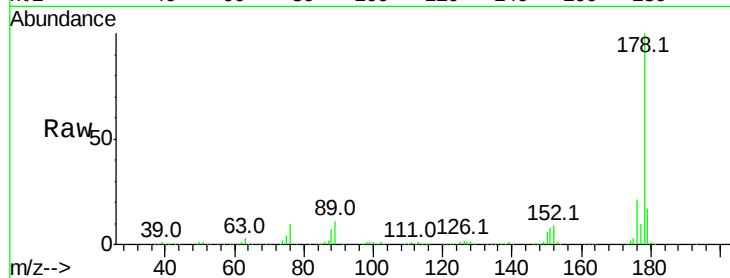
#71
 Anthracene
 Concen: 41.103 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.2
179	17.2	12.6	19.0

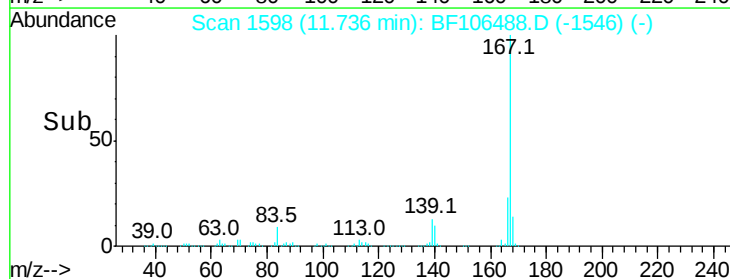
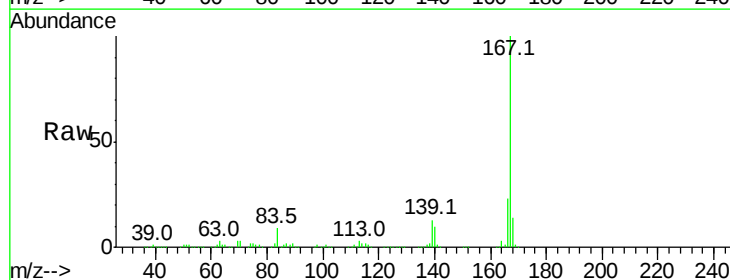
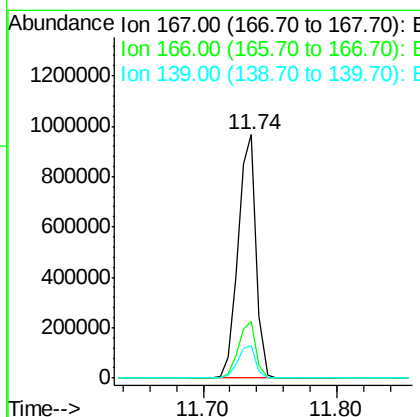
Manual Integrations
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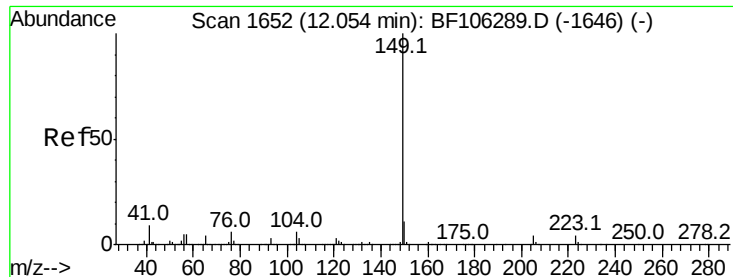
Sohil
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#72
 Carbazole
 Concen: 40.675 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.6	26.4
139	13.3	10.9	16.3





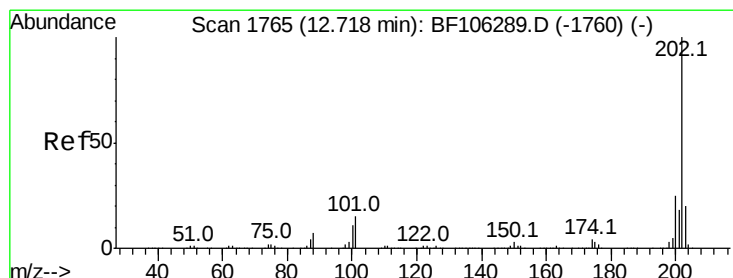
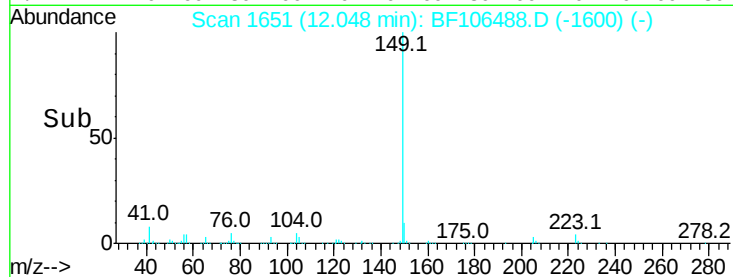
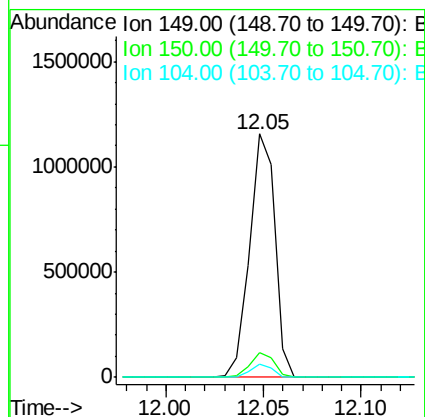
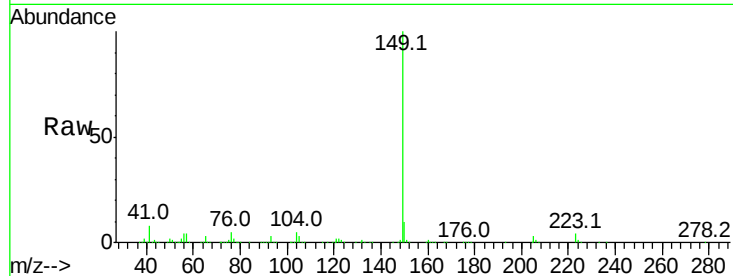
#73
Di-n-butylphthalate
Concen: 41.608 ng
RT: 12.05 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion:149 Resp: 1035966
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 5.4 3.8 5.8

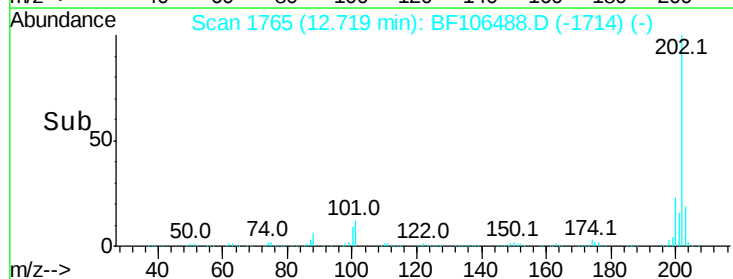
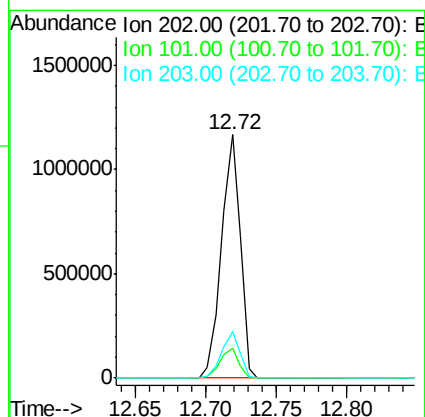
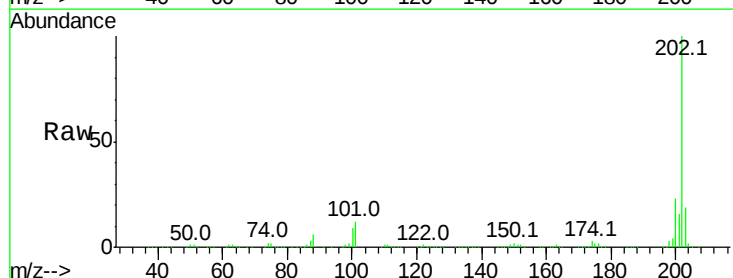
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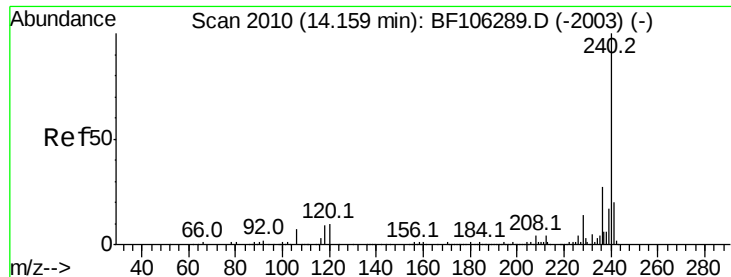
Sohil
6/18/2018 10:38:16 AM



#74
Fluoranthene
Concen: 41.873 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion:202 Resp: 1080112
Ion Ratio Lower Upper
202 100
101 12.5 0.0 34.1
203 18.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

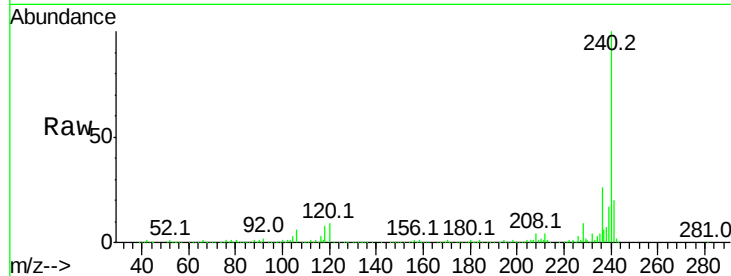
ClientSampleId :

PB110238BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	399995		
120	8.9	9.5	14.3	
236	26.2	20.7	31.1	

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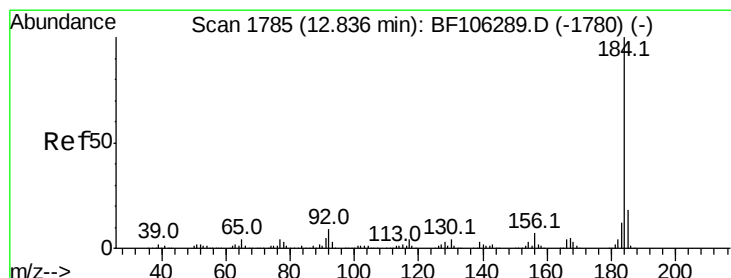
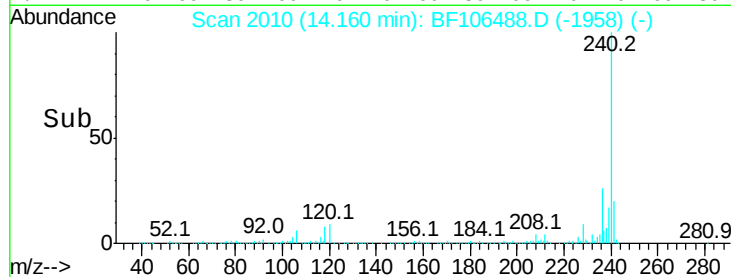
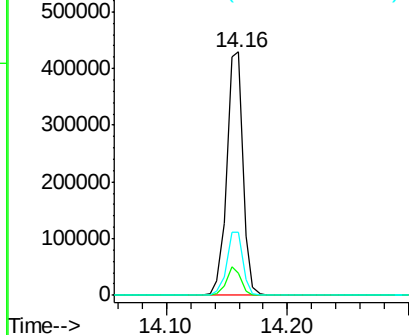


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.339 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

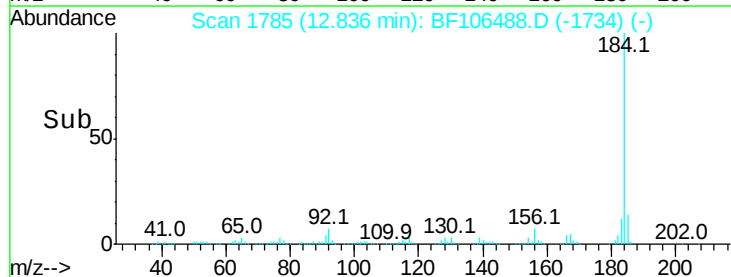
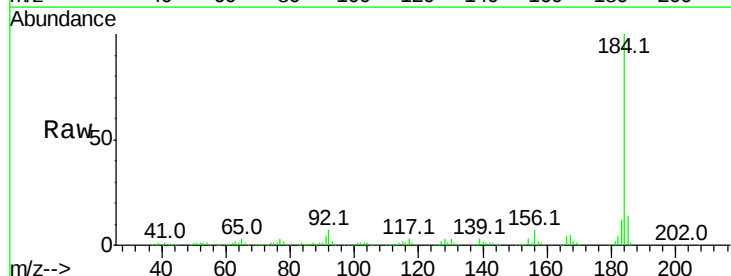
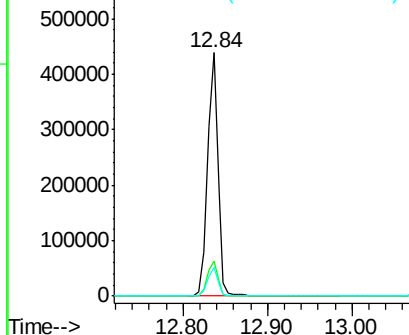
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	377263		
185	14.4	12.6	18.8	
183	11.7	9.3	13.9	

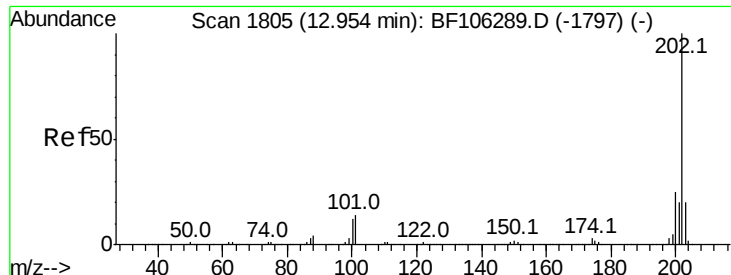
Abundance

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





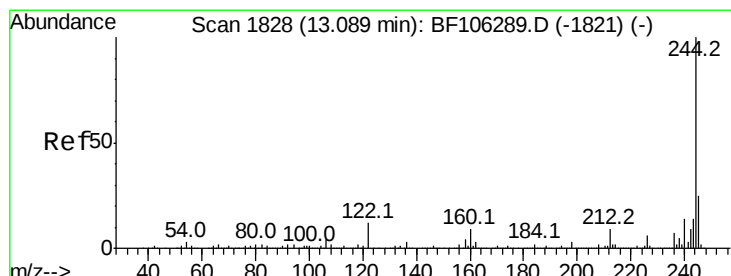
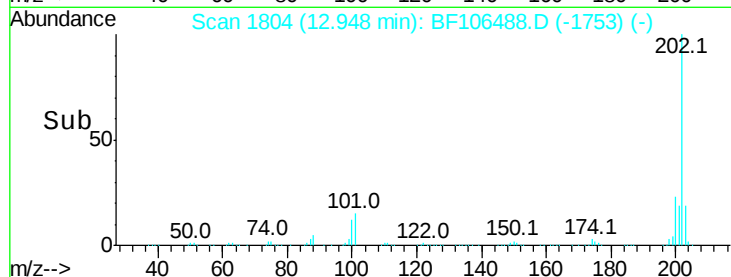
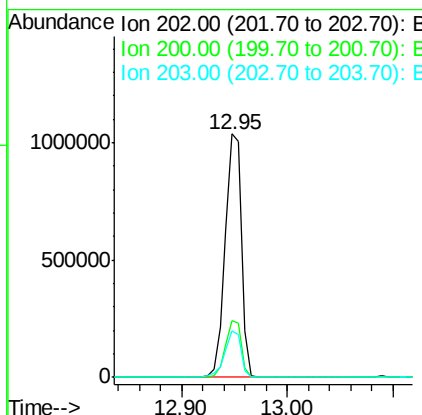
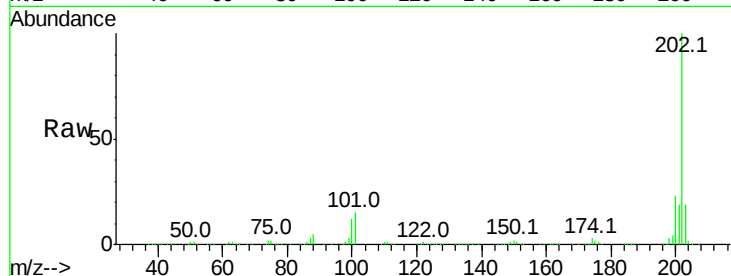
#77
Pvrene
Concen: 44.298 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion: 202 Resp: 1109328
Ion Ratio Lower Upper
202 100
200 23.1 17.4 26.2
203 18.9 14.3 21.5

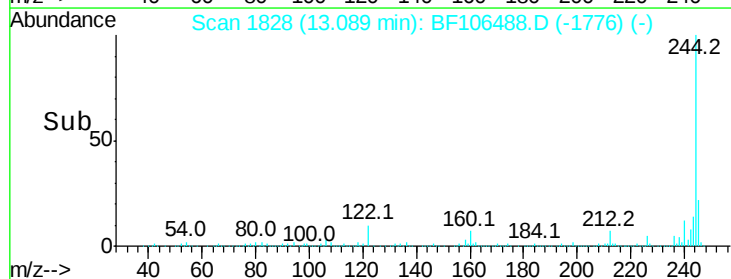
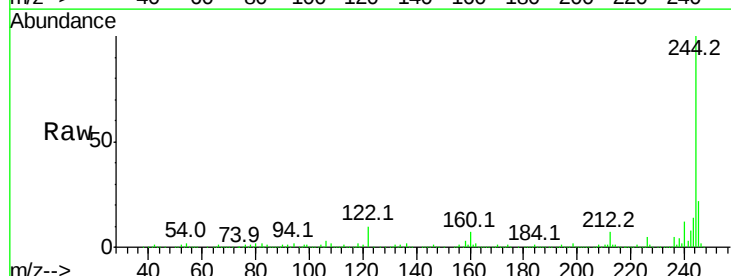
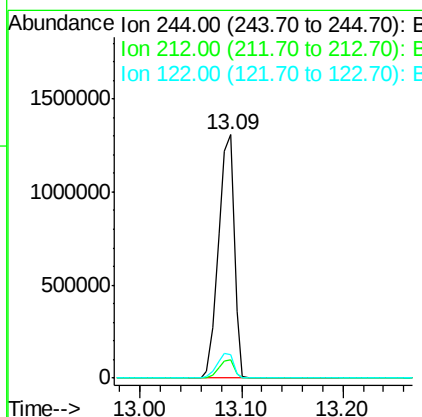
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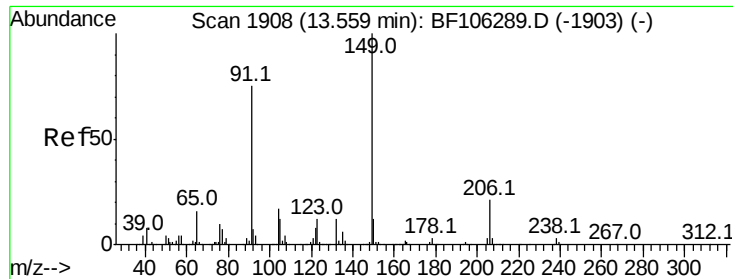
Sohil
6/18/2018 10:38:16 AM



#78
Terphenyl-d14
Concen: 87.745 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion: 244 Resp: 1413067
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 9.7 11.0 16.4#





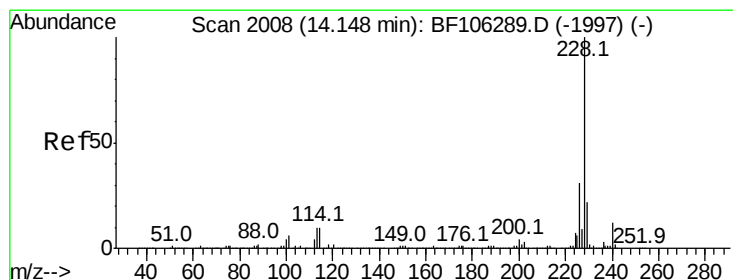
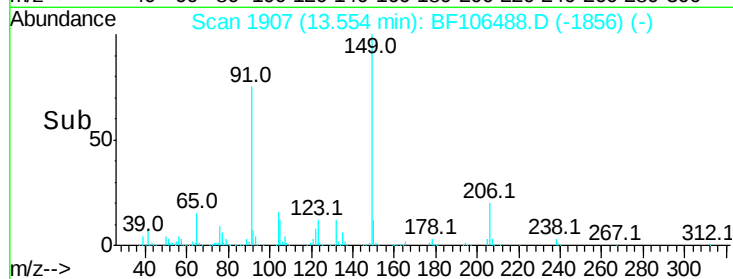
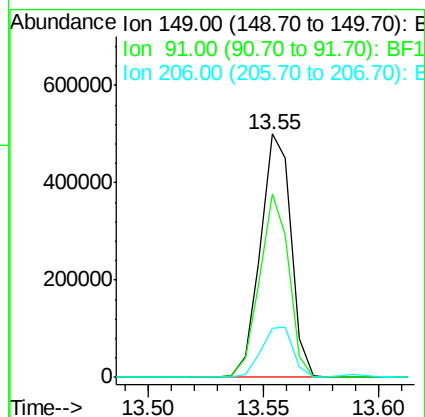
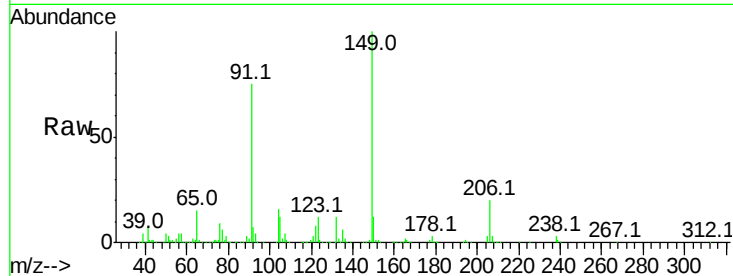
#79
Butylbenzylphthalate
Concen: 49.529 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.1	56.8	85.2
206	20.1	14.1	21.1

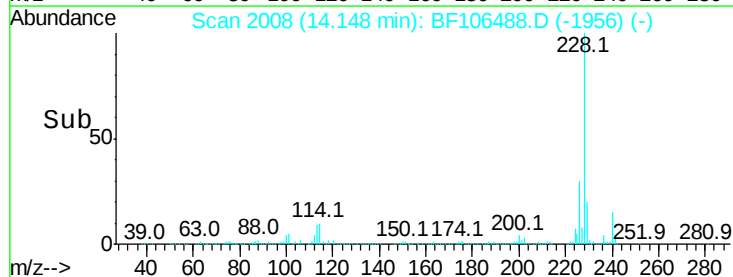
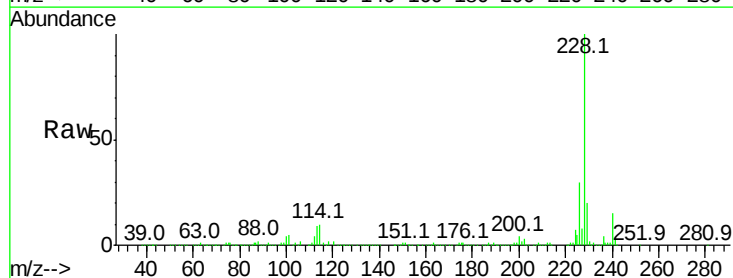
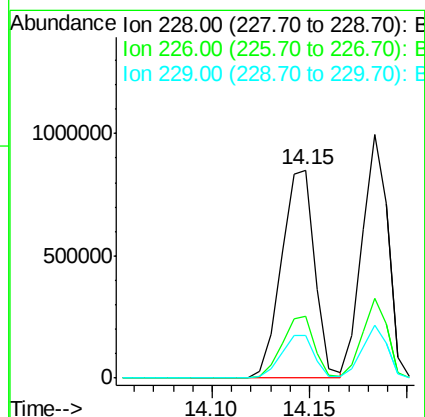
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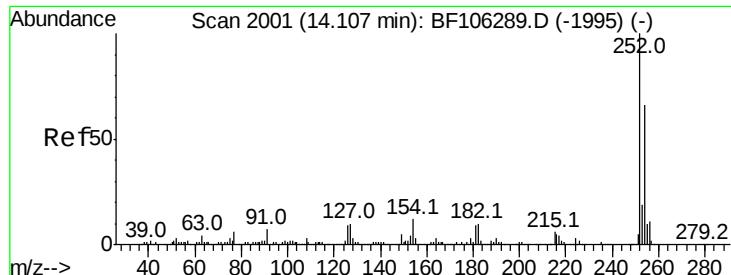
Sohil
6/18/2018 10:38:16 AM



#80
Benzo(a)anthracene
Concen: 42.146 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	20.3	15.8	23.6





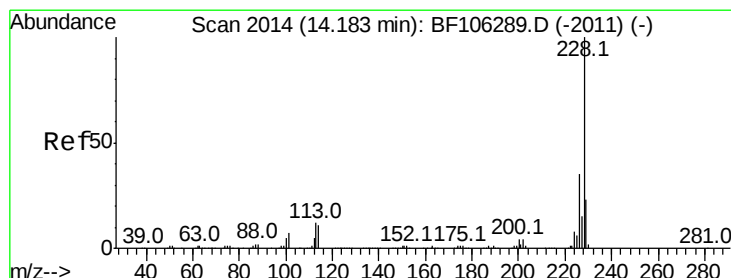
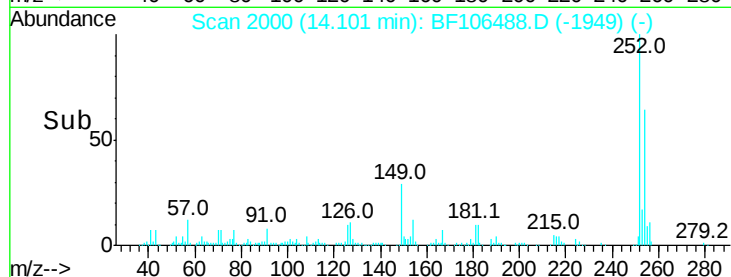
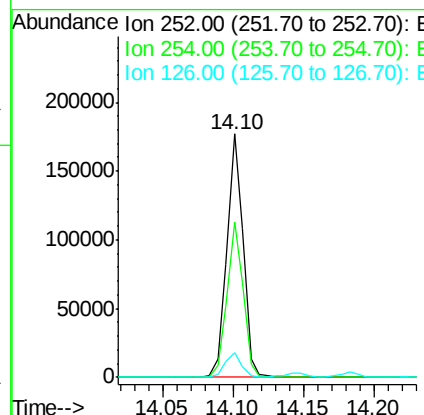
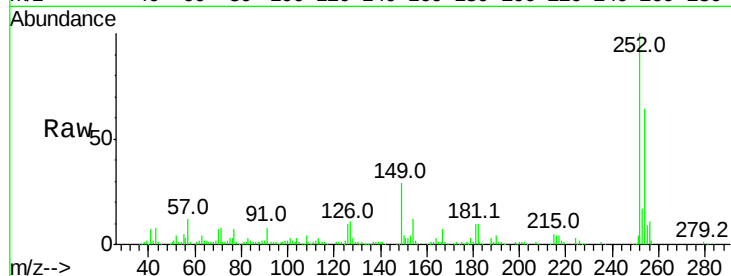
#81
 3,3'-Dichlorobenzidine
 Concen: 17.572 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.8	50.4	75.6
126	10.0	11.3	16.9

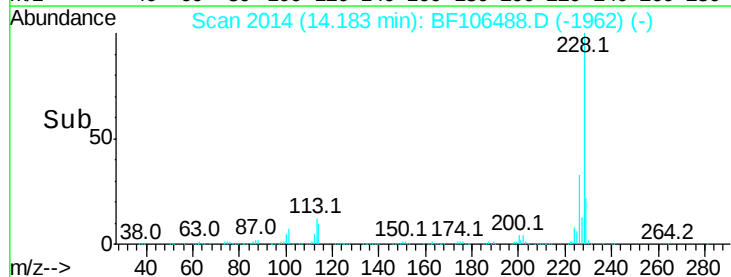
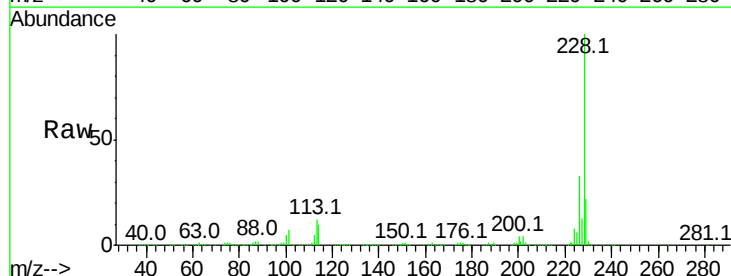
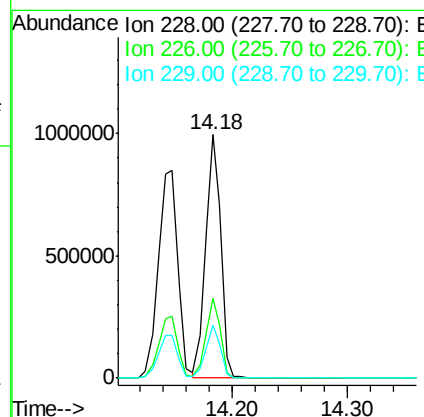
Manual Integrations
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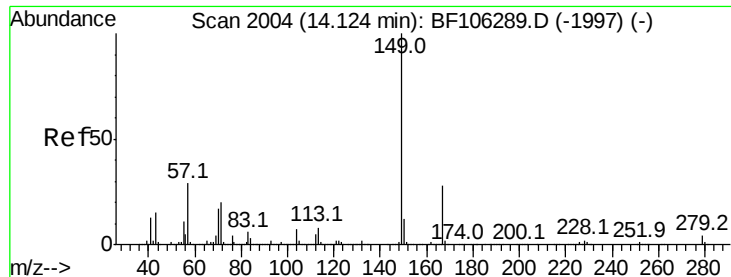
Sohil
 6/18/2018 10:38:16 AM



#82
 Chrysene
 Concen: 42.272 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.9	25.0	37.6
229	21.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.445 ng

RT: 14.11 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

Instrument :

BNA_F

ClientSampleId :

PB110238BS

Tot Ion:149 Resp: 597364

Ion Ratio Lower Upper

149 100

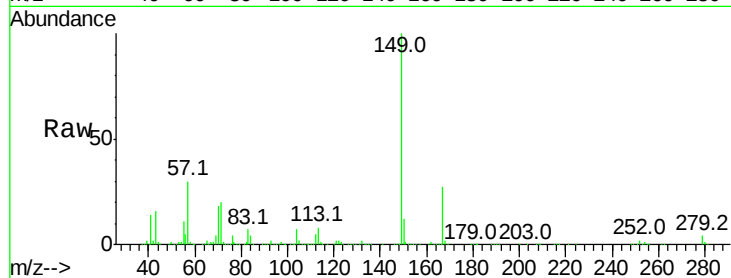
167 26.9 21.3 31.9

279 3.7 3.0 4.4

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Sohil

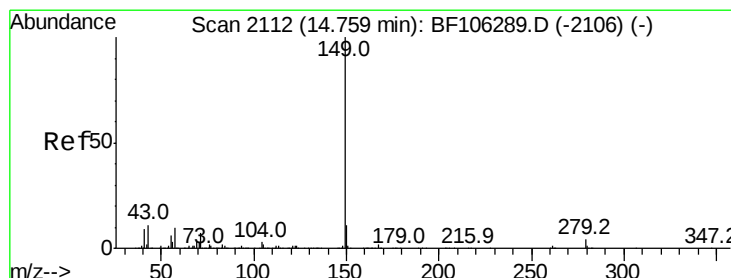
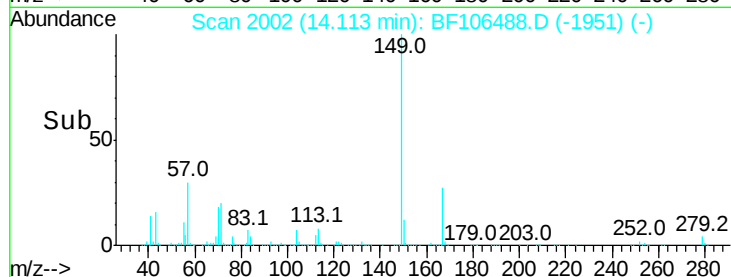
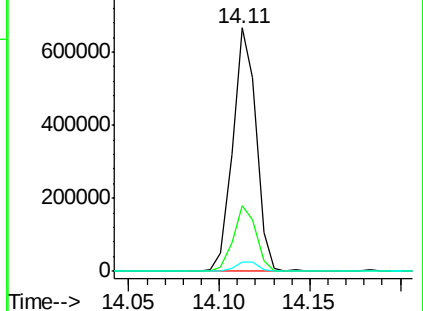
6/18/2018 10:38:16 AM



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: 44.085 ng

RT: 14.75 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF106488.D

Acq: 15 Jun 2018 13:41

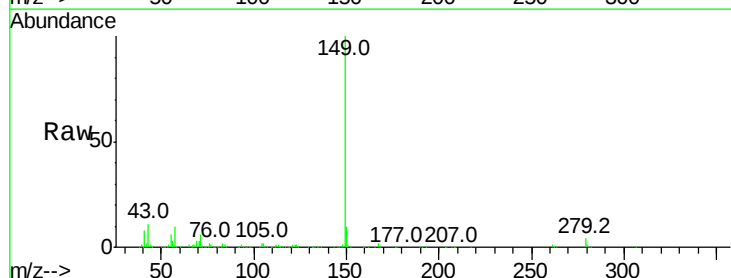
Tgt Ion:149 Resp: 854207

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

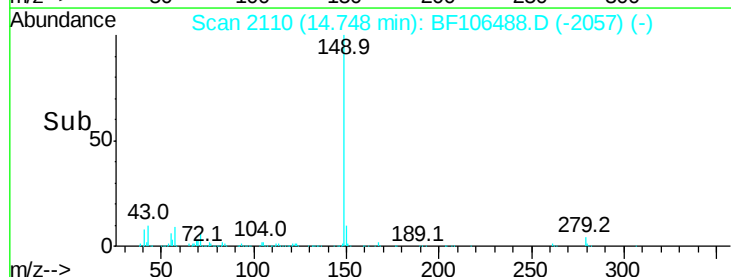
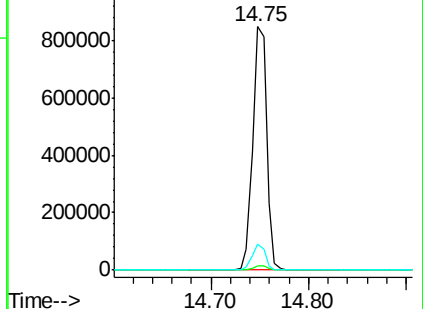
43 9.7 8.4 12.6

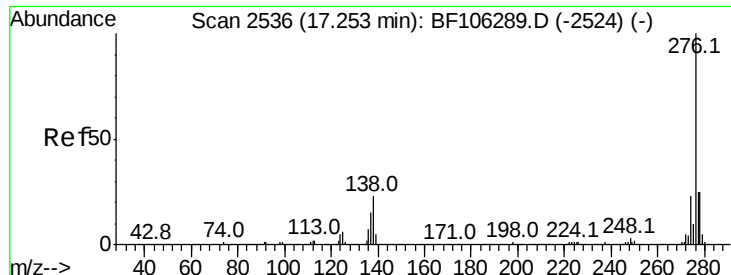


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





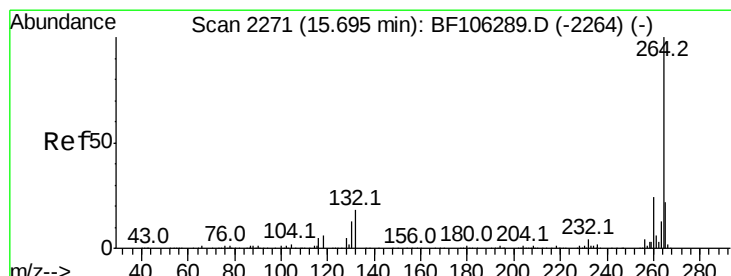
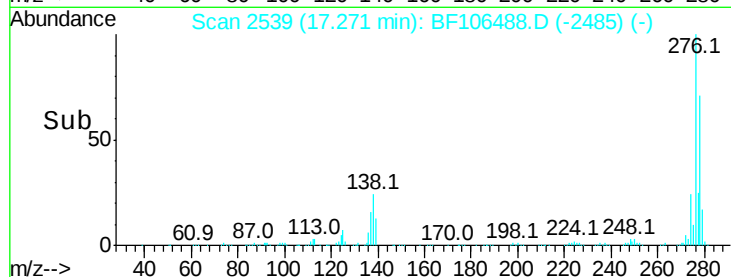
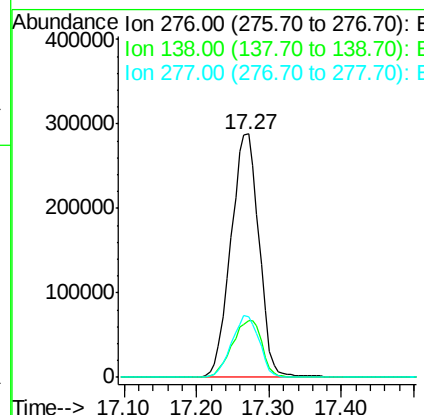
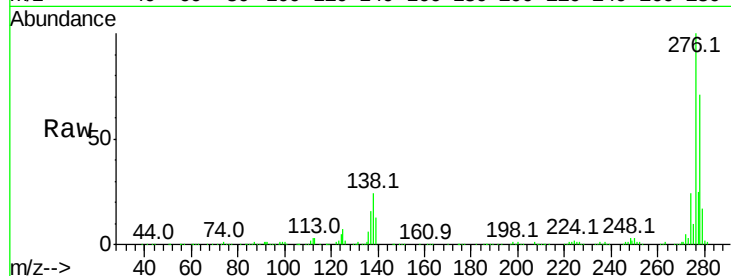
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.934 ng
RT: 17.27 min Scan# 2539
Delta R.T. 0.02 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.0	37.6#
277	25.1	20.1	30.1

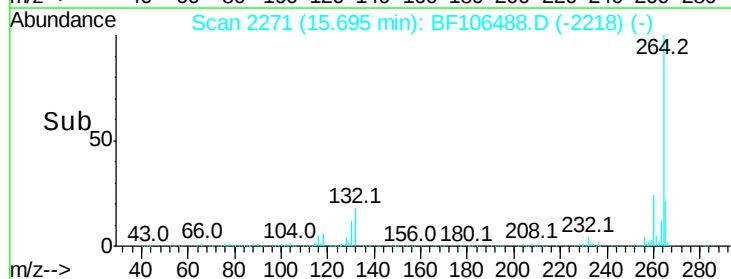
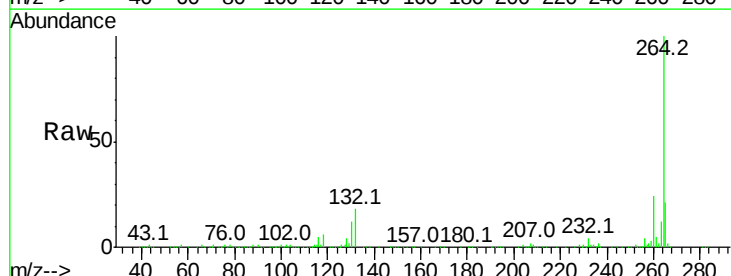
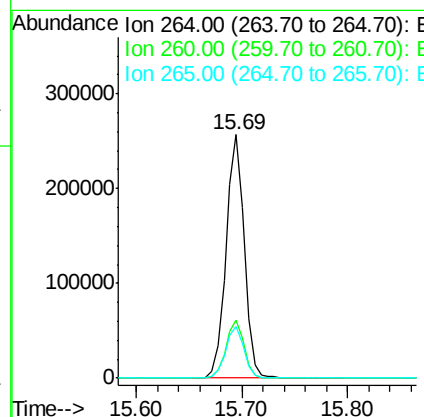
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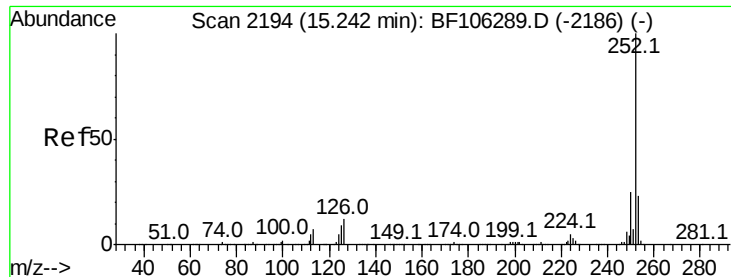
Sohil
6/18/2018 10:38:16 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3





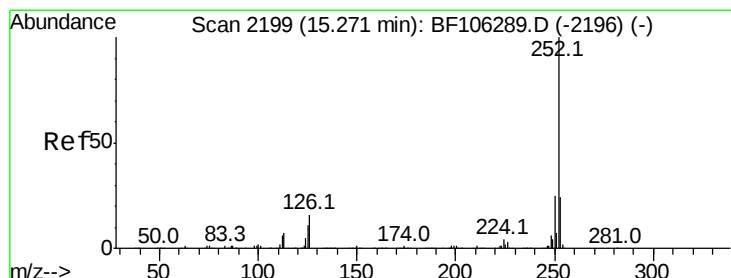
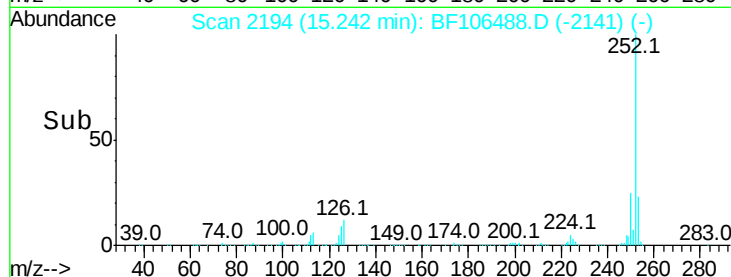
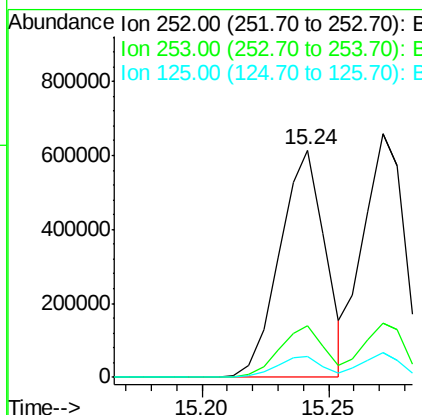
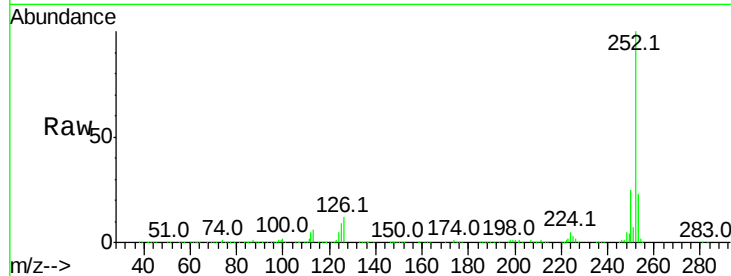
#87
Benzo(b)fluoranthene
Concen: 41.046 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	9.3	9.0	13.6

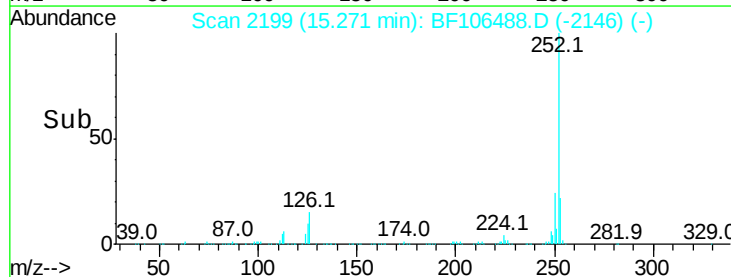
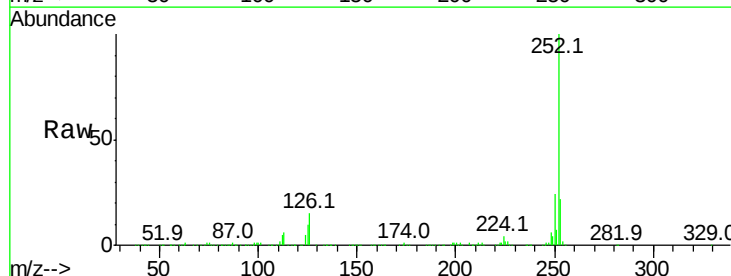
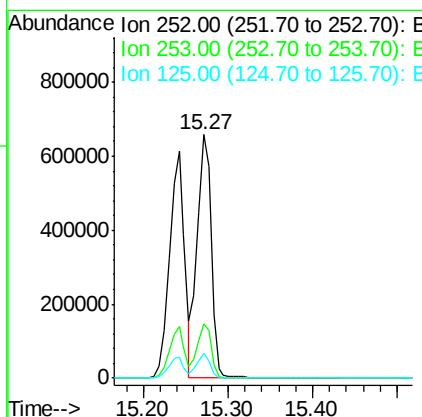
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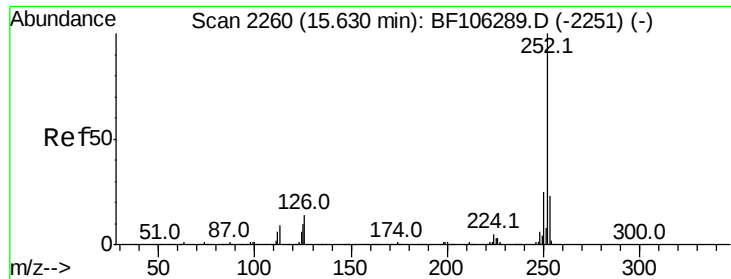
Sohil
6/18/2018 10:38:16 AM



#88
Benzo(k)fluoranthene
Concen: 40.711 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.0	10.2	15.2#





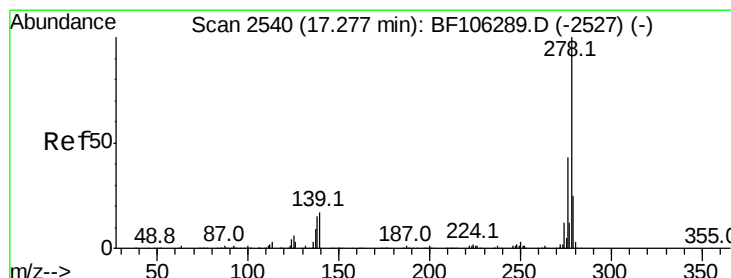
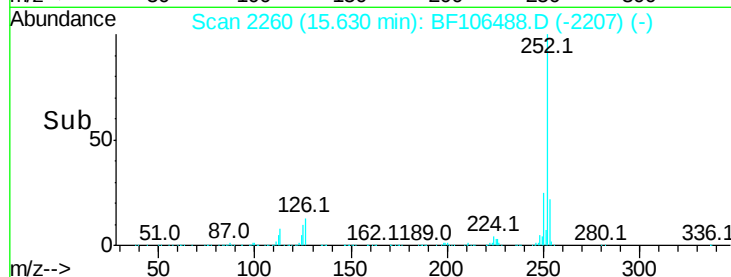
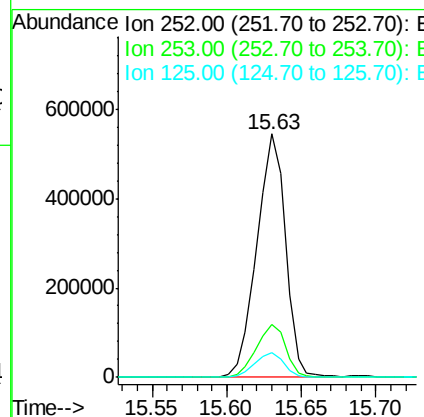
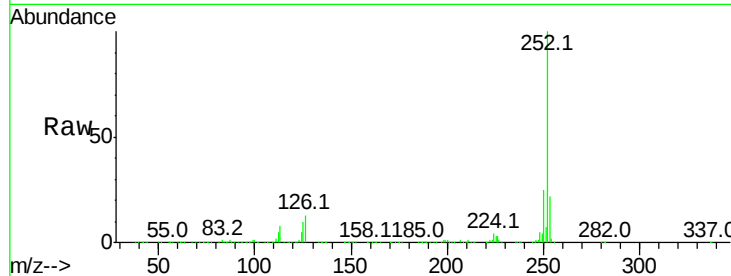
#89
Benzo(a)pyrene
Concen: 42.939 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	10.2	9.8	14.6

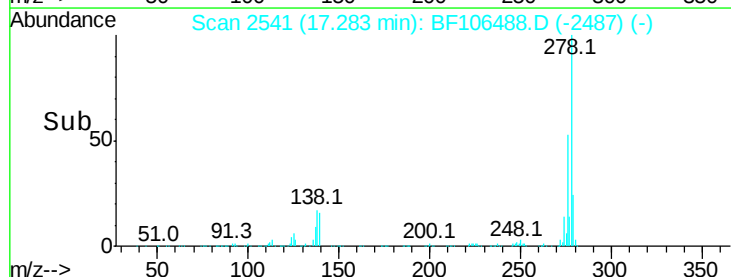
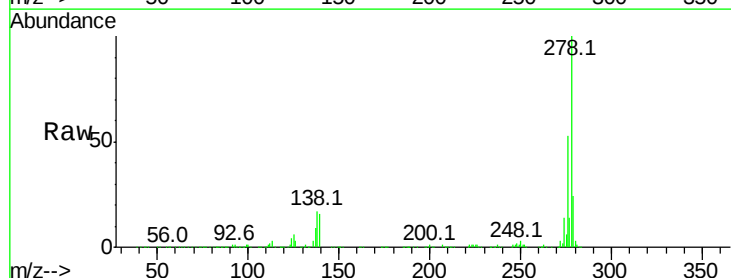
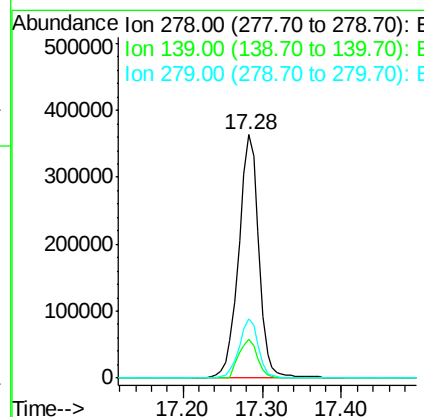
Manual Integrations
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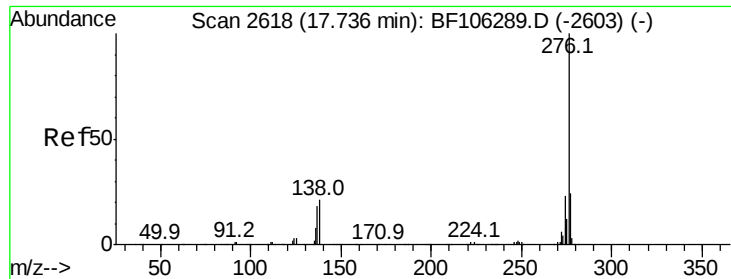
Sohil
6/18/2018 10:38:16 AM



#90
Dibenzo(a,h)anthracene
Concen: 45.849 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF106488.D
Acq: 15 Jun 2018 13:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	15.9	23.9#
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 50.860 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. 0.02 min
 Lab File: BF106488.D
 Acq: 15 Jun 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB110238BS

Tot Ion:	276	Resp:	693086
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.9	26.9
138	21.0	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 6/18/2018 10:38:16 AM

