

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106318.D
 Acq On : 12 Jun 2018 1:48
 Operator : JU/SJ
 Sample : J3354-04MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Manual Integrations
 APPROVED

Sohil
 6/12/2018 12:58:41 PM

Quant Time: Jun 12 06:07:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	211273	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	756581	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	327864	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	523249	20.00	ng	0.00
75) Chrysene-d12	14.15	240	485843	20.00	ng	-0.01
86) Perylene-d12	15.67	264	431979	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1302781	104.37	ng	0.01
7) Phenol-d6	6.60	99	1666195	105.65	ng	0.00
23) Nitrobenzene-d5	7.54	82	1091383	84.86	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	394063	124.92	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1662211	92.57	ng	0.00
78) Terphenyl-d14	13.09	244	1500744	76.72	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.87	88	183408	28.390 ng	96
3) Pyridine	3.63	79	550692	30.589 ng	99
4) n-Nitrosodimethylamine	3.59	42	268298	32.531 ng	94
6) Aniline	6.64	93	597779	25.957 ng	98
8) 2-Chlorophenol	6.76	128	492856	36.715 ng	98
9) Benzaldehyde	6.52	77	242559	20.277 ng	98
10) Phenol	6.61	94	636993	36.998 ng	97
11) bis(2-Chloroethyl)ether	6.71	93	515571	34.980 ng	97
12) 1,3-Dichlorobenzene	6.91	146	560839	35.498 ng	99
13) 1,4-Dichlorobenzene	6.99	146	566727	35.348 ng	99
14) 1,2-Dichlorobenzene	7.14	146	520749	34.503 ng	99
15) Benzyl Alcohol	7.11	79	479617	35.511 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	856932	40.560 ng	98
17) 2-Methylphenol	7.21	107	445427	37.191 ng	99
18) Hexachloroethane	7.48	117	187628	32.844 ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	376584	31.828 ng	96
20) 3+4-Methylphenols	7.37	107	551904	36.034 ng	98
22) Acetophenone	7.38	105	705898	37.023 ng	# 96
24) Nitrobenzene	7.55	77	565253	40.438 ng	96
25) Isophorone	7.79	82	1033330	41.136 ng	98
26) 2-Nitrophenol	7.87	139	257915	47.536 ng	96
27) 2,4-Dimethylphenol	7.90	122	488462	45.932 ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	642130	39.423 ng	99
29) 2,4-Dichlorophenol	8.11	162	432057	42.113 ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	447320	38.886 ng	95
31) Naphthalene	8.28	128	1307957	38.243 ng	96
32) Benzoic acid	8.01	122	284937	38.100 ng	93
33) 4-Chloroaniline	8.32	127	178428	11.772 ng	96
34) Hexachlorobutadiene	8.39	225	292168	39.534 ng	99
35) Caprolactam	8.69	113	135695	39.103 ng	96
36) 4-Chloro-3-methylphenol	8.80	107	453224	39.936 ng	96
37) 2-Methylnaphthalene	8.97	142	915851	39.316 ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	460777	43.292 ng	97
40) Hexachlorocyclopentadiene	9.12	237	167463	28.518 ng	100

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 Misc :
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Instrument :
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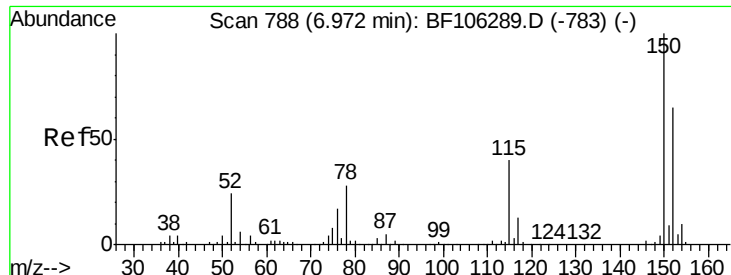
Manual Integrations
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 6/12/2018 12:58:41 PM

Quant Time: Jun 12 06:07:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	308001	45.409	nq	99
43) 2,4,5-Trichlorophenol	9.28	196	317908	43.477	nq	# 93
45) 1,1'-Biphenyl	9.43	154	1055953	41.582	nq	98
46) 2-Chloronaphthalene	9.46	162	831558	40.918	nq	98
47) 2-Nitroaniline	9.55	65	286985	44.890	nq	92
48) Acenaphthylene	9.88	152	1242789	39.953	nq	96
49) Dimethylphthalate	9.73	163	1187148	50.681	nq	# 97
50) 2,6-Dinitrotoluene	9.80	165	210944	44.087	nq	96
51) Acenaphthene	10.05	154	777321	38.695	nq	98
52) 3-Nitroaniline	9.96	138	146380	25.776	nq	96
53) 2,4-Dinitrophenol	10.07	184	101118	49.687	nq	# 17
54) Dibenzofuran	10.22	168	1059322	39.160	nq	95
55) 4-Nitrophenol	10.11	139	305848	70.263	nq	92
56) 2,4-Dinitrotoluene	10.20	165	261536	43.528	nq	99
57) Fluorene	10.57	166	787354	36.737	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	254129	43.850	nq	# 84
59) Diethylphthalate	10.43	149	931145	40.050	nq	95
60) 4-Chlorophenyl-phenylether	10.55	204	437098	38.775	nq	# 88
61) 4-Nitroaniline	10.58	138	172490	31.218	nq	97
62) Azobenzene	10.71	77	912841	37.654	nq	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	74372	29.188	nq	83
65) n-Nitrosodiphenylamine	10.67	169	770127	43.793	nq	96
66) 4-Bromophenyl-phenylether	11.04	248	278588	46.811	nq	# 86
67) Hexachlorobenzene	11.11	284	266003	43.354	nq	# 90
68) Atrazine	11.19	200	247743	45.714	nq	98
69) Pentachlorophenol	11.30	266	280348	74.216	nq	97
70) Phenanthrene	11.53	178	1076759	42.019	nq	98
71) Anthracene	11.58	178	1072371	41.772	nq	98
72) Carbazole	11.73	167	929566	39.221	nq	98
73) Di-n-butylphthalate	12.05	149	1215509	46.080	nq	98
74) Fluoranthene	12.72	202	1181980	43.251	nq	97
76) Benzidine	12.84	184	692101	42.803	nq	99
77) Pyrene	12.95	202	1251062	41.131	nq	96
79) Butylbenzylphthalate	13.56	149	488062	42.866	nq	# 96
80) Benzo(a)anthracene	14.14	228	1235961	42.749	nq	96
81) 3,3'-Dichlorobenzidine	14.09	252	411593	42.193	nq	96
82) Chrysene	14.18	228	1151044	43.605	nq	96
83) Bis(2-ethylhexyl)phthalate	14.11	149	700191	42.890	nq	100
84) Di-n-octyl phthalate	14.74	149	1201508	51.052	nq	100
85) Indeno(1,2,3-cd)pyrene	17.23	276	903544	42.889	nq	# 93
87) Benzo(b)fluoranthene	15.22	252	1166571	44.675	nq	96
88) Benzo(k)fluoranthene	15.25	252	1042327m	40.305	nq	
89) Benzo(a)pyrene	15.61	252	1037474	44.172	nq	96
90) Dibenzo(a,h)anthracene	17.25	278	737984	37.688	nq	96
91) Benzo(g,h,i)perylene	17.71	276	712961	37.466	nq	# 92

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



#1

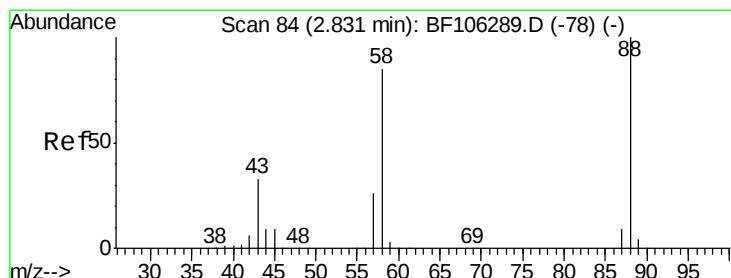
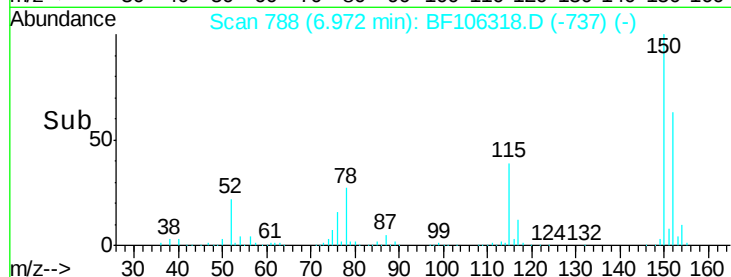
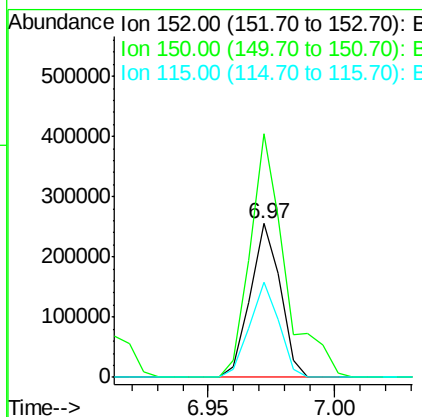
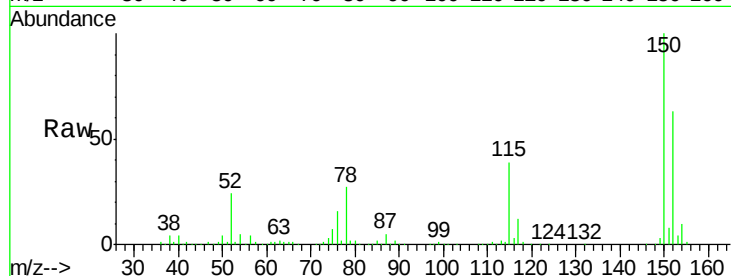
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	62.0	50.1	75.1

Manual Integrations
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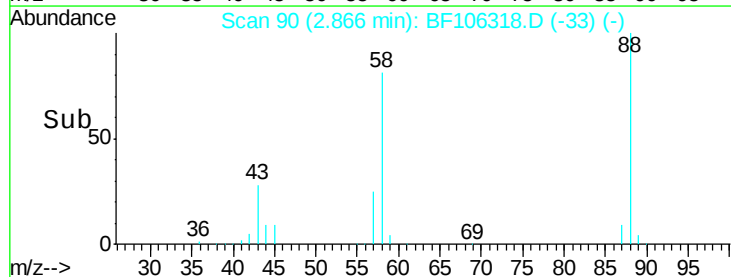
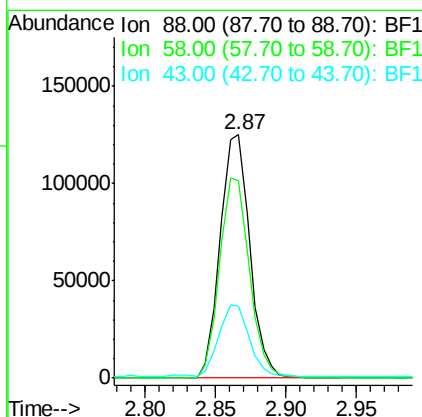
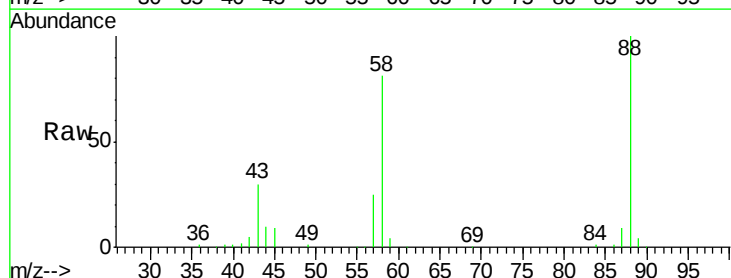
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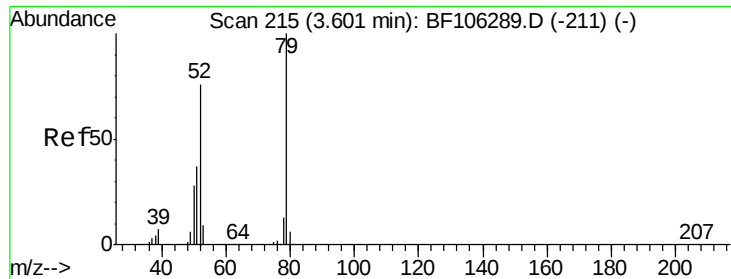


#2

1,4-Dioxane
Concen: 28.390 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.04 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	62.6	93.8
43	30.7	24.6	37.0





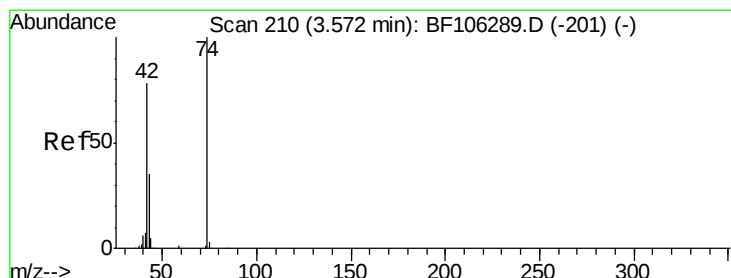
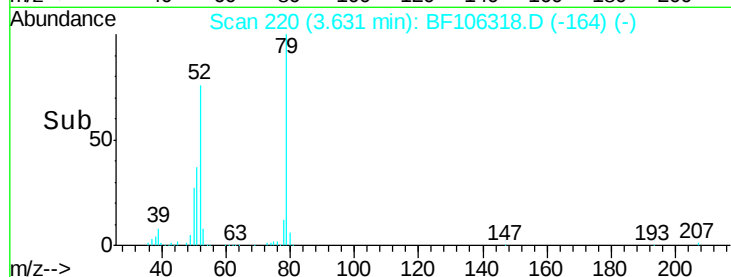
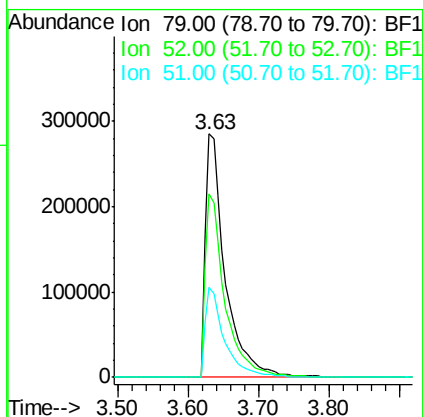
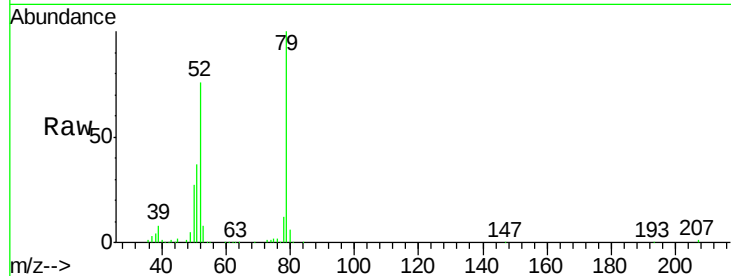
#3
 Pvridine
 Concen: 30.589 ng
 RT: 3.63 min Scan# 220
 Delta R.T. 0.03 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.6	59.8	89.6
51	36.8	29.8	44.8

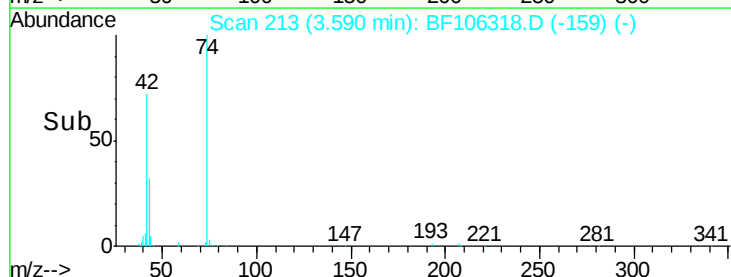
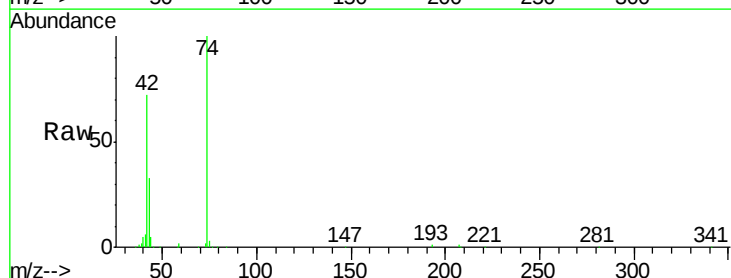
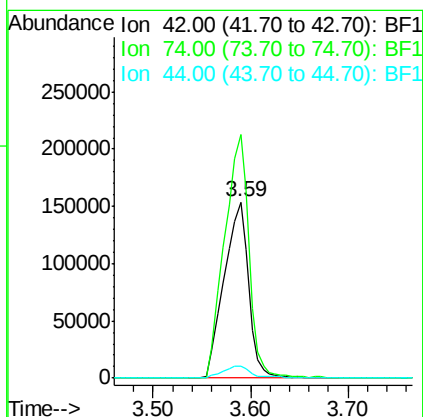
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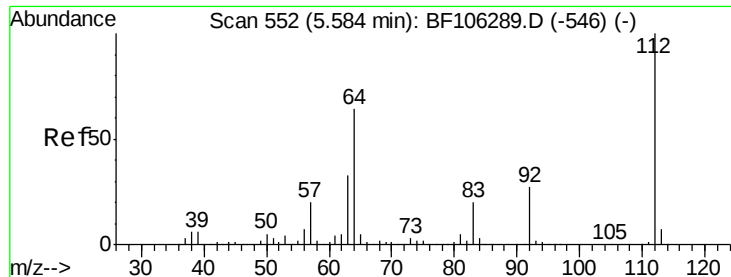
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#4
 n-Nitrosodimethylamine
 Concen: 32.531 ng
 RT: 3.59 min Scan# 213
 Delta R.T. 0.02 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.3	104.9	157.3
44	7.1	6.9	10.3





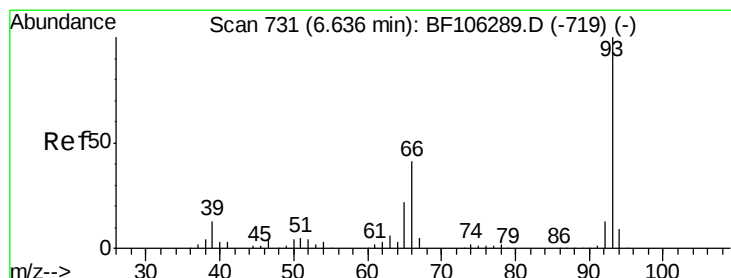
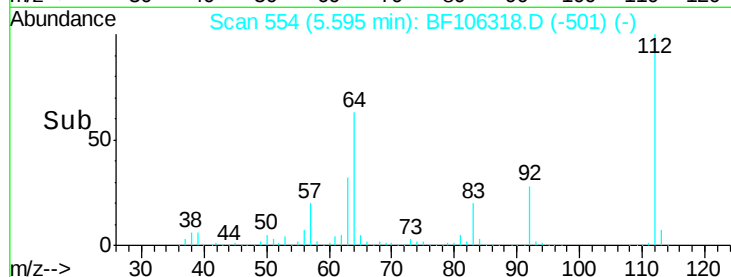
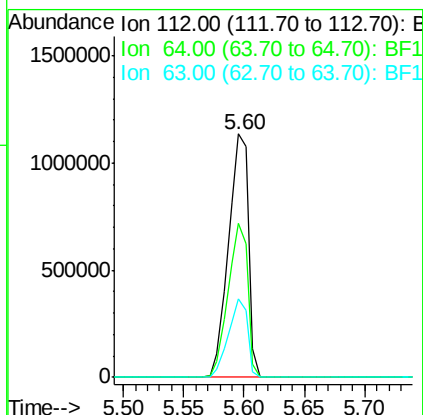
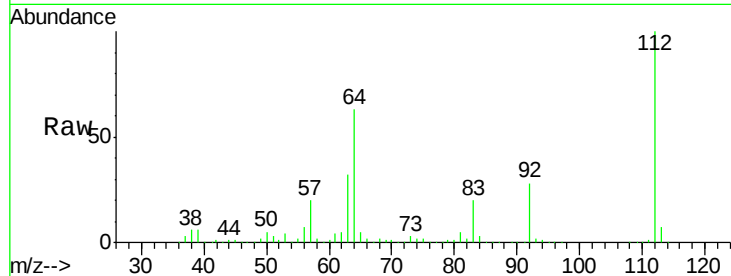
#5
2-Fluorophenol
Concen: 104.365 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	32.3	23.7	35.5

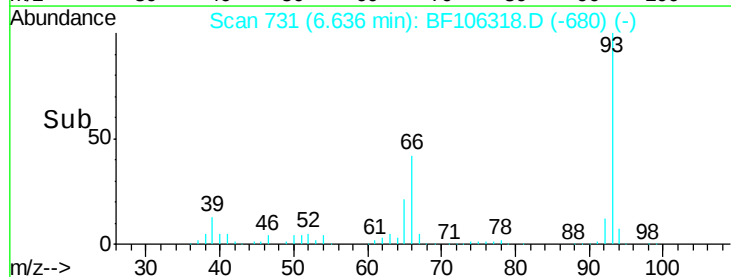
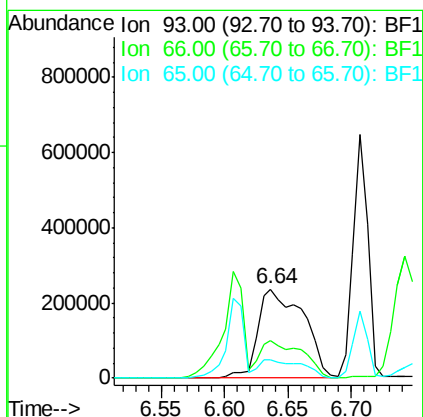
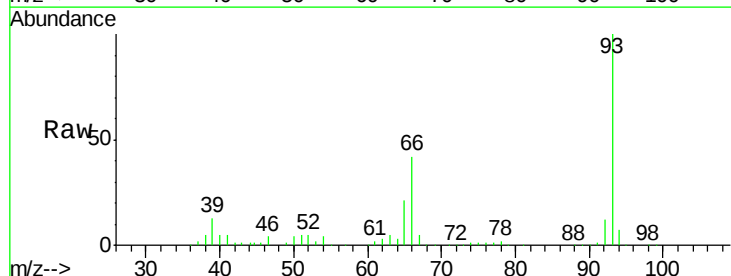
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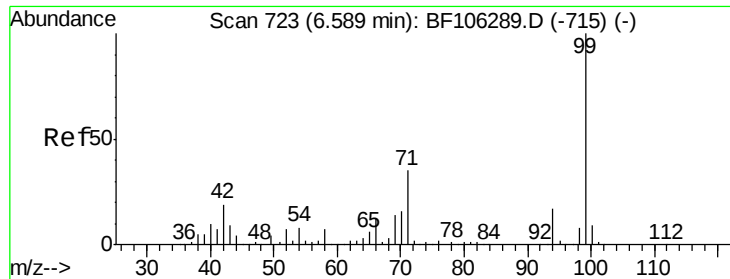
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#6
Aniline
Concen: 25.957 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.6	32.2	48.2
65	21.0	16.4	24.6





#7

Phenol-d6

Concen: 105.649 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

Tot Ion: 99 Resp: 1666195

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

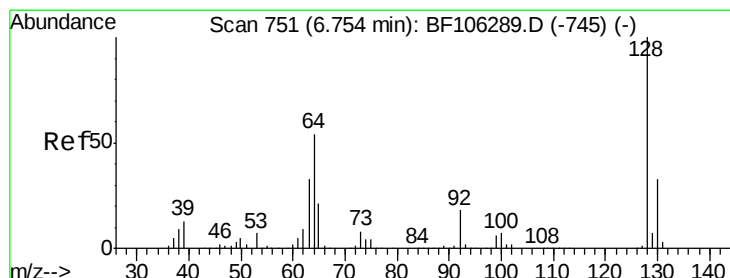
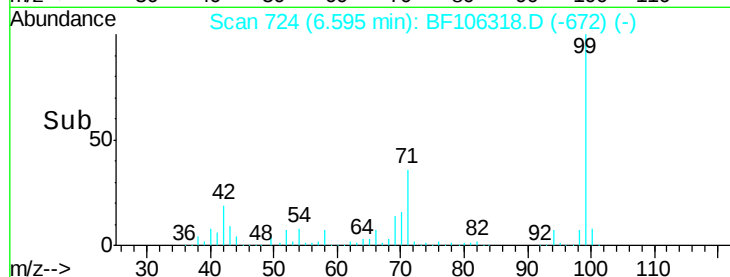
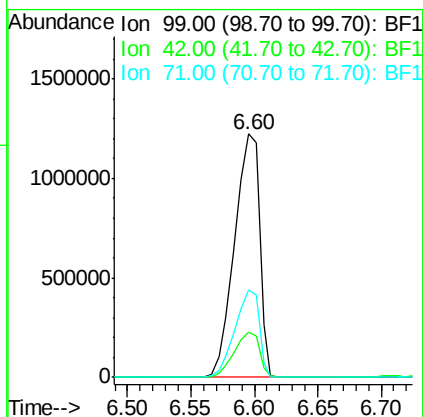
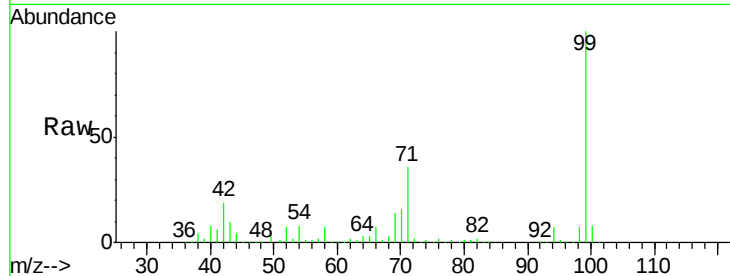
71 36.1 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 36.715 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

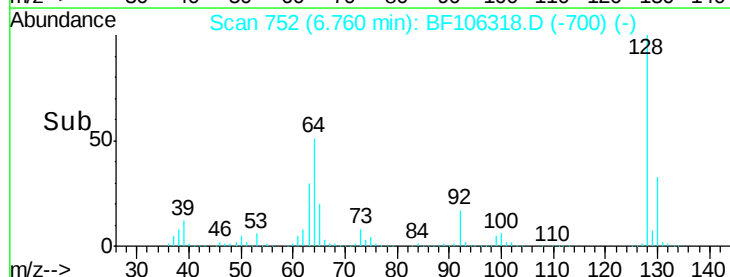
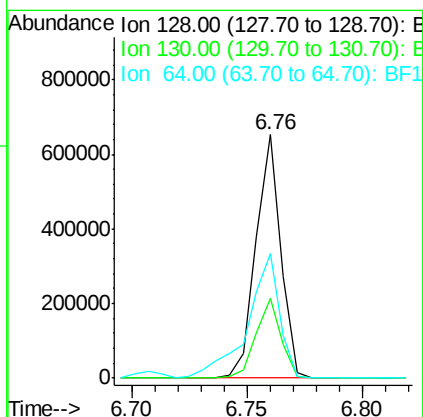
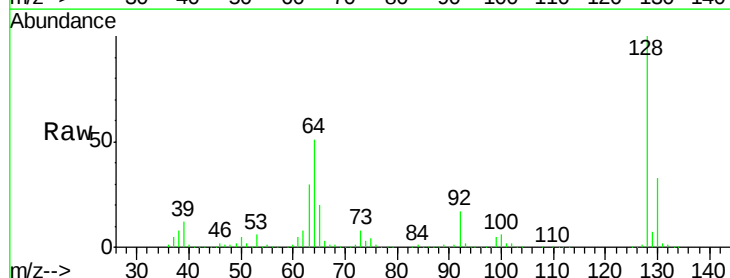
Tgt Ion: 128 Resp: 492856

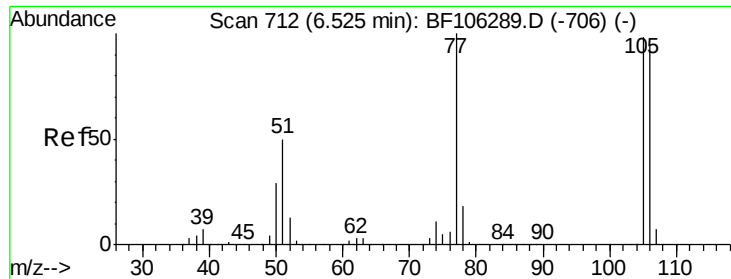
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 51.2 29.4 69.4





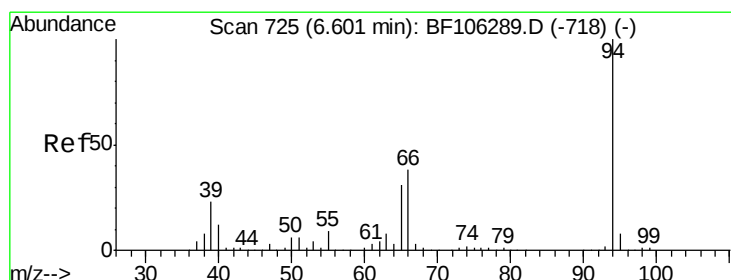
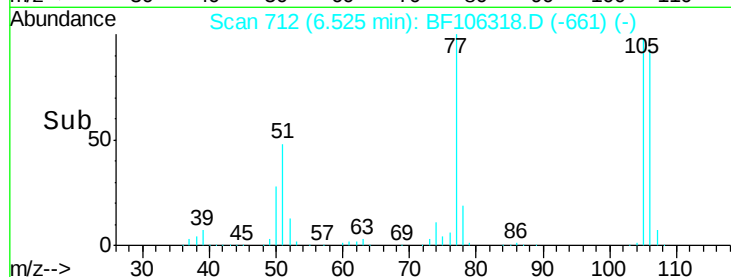
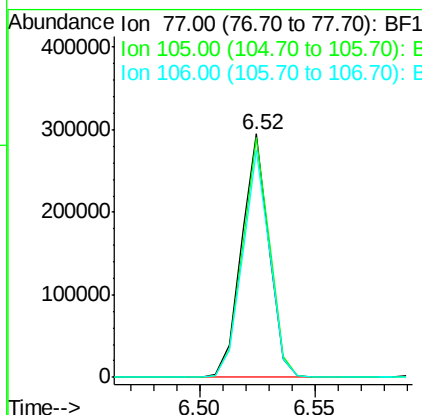
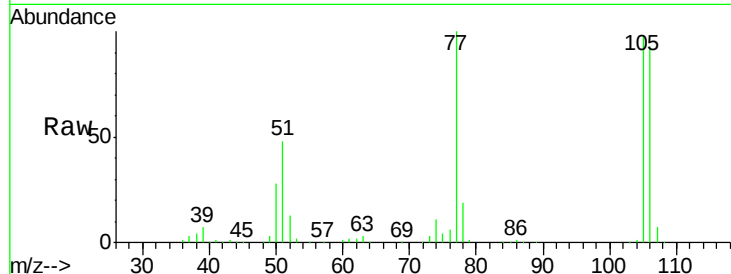
#9
Benzaldehyde
Concen: 20.277 ng
RT: 6.52 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.2	81.1	121.1
106	93.4	74.5	114.5

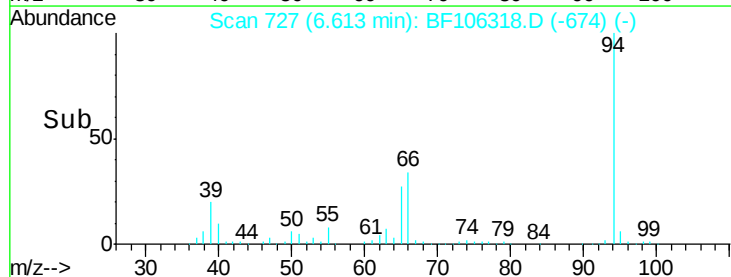
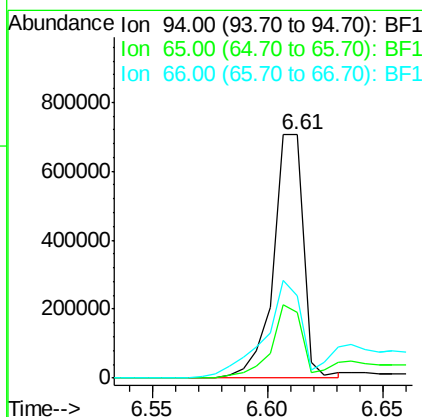
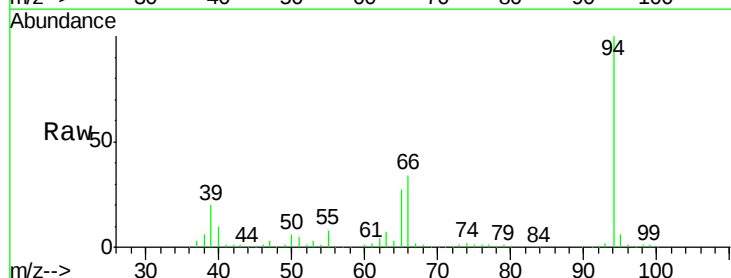
Manual Integrations
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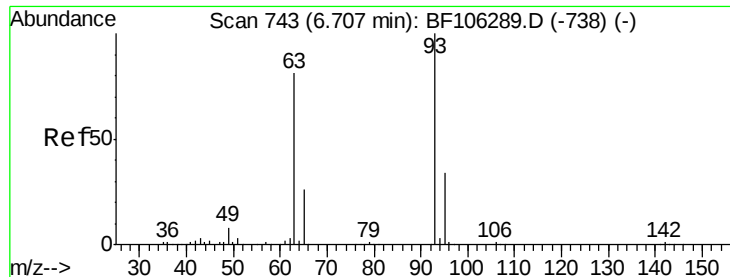
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#10
Phenol
Concen: 36.998 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.9	47.9
66	34.1	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 34.980 ng

RT: 6.71 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

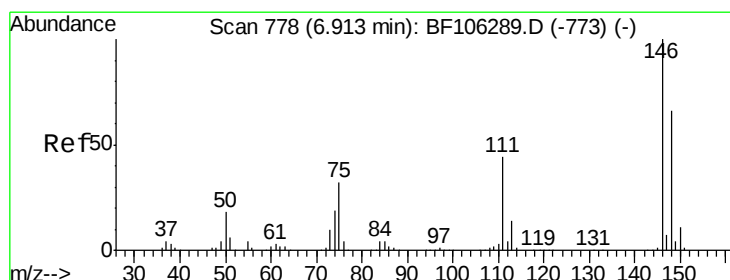
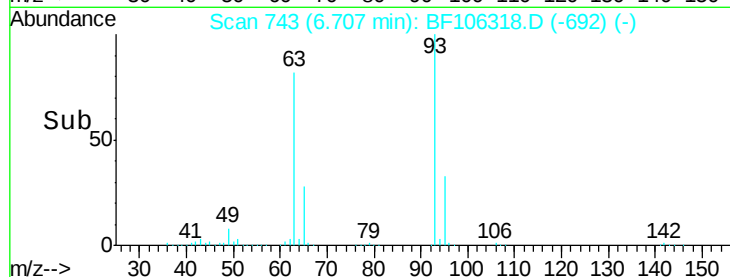
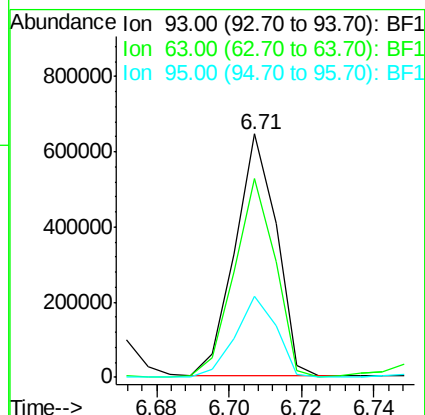
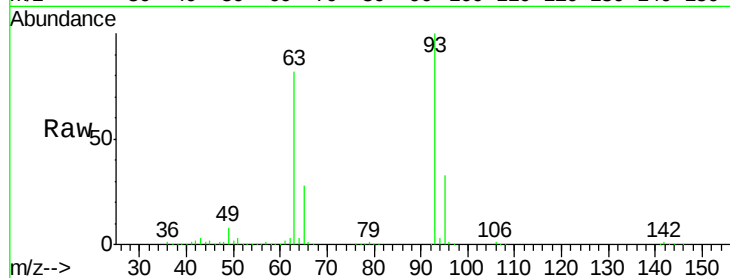
CAS1-SB-02-03-1-27MSD

Tot Ion: 93 Resp: 515571

Ion	Ratio	Lower	Upper
93	100		
63	81.5	58.6	98.6
95	33.4	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 35.498 ng

RT: 6.91 min Scan# 778

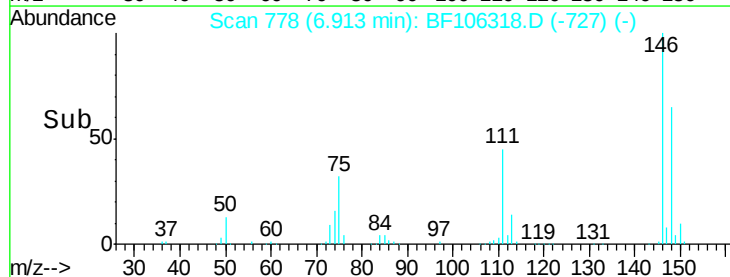
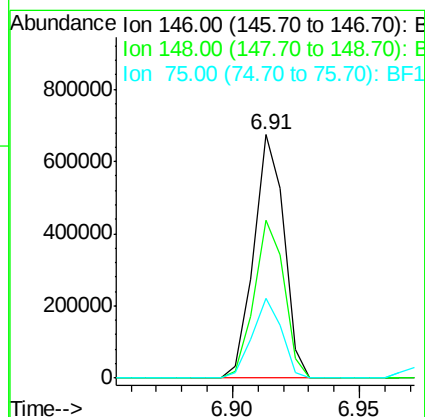
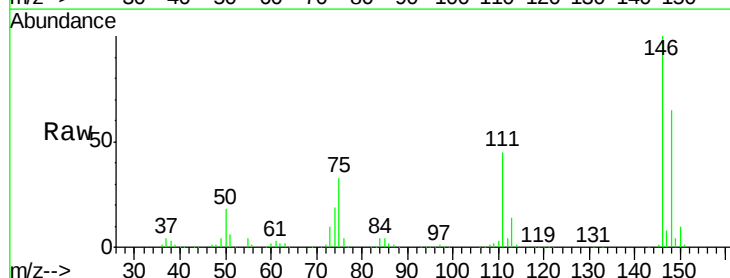
Delta R.T. 0.00 min

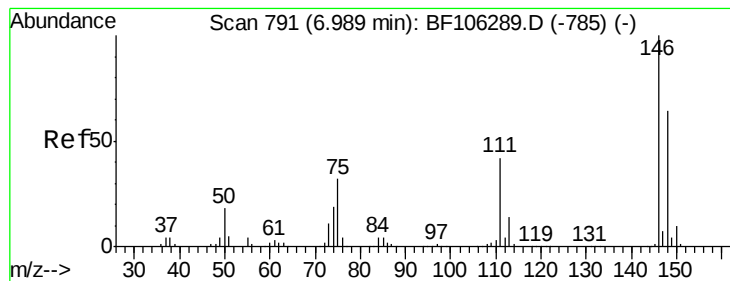
Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Tgt Ion: 146 Resp: 560839

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	32.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 35.348 ng

RT: 6.99 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

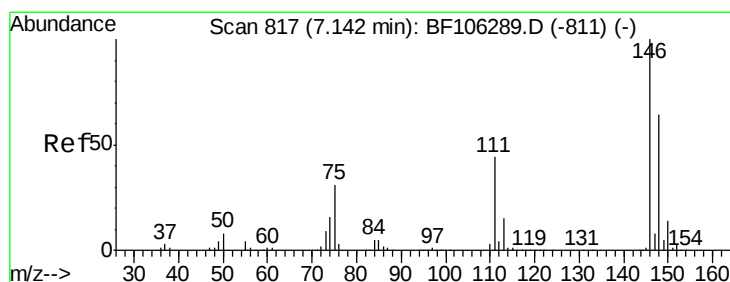
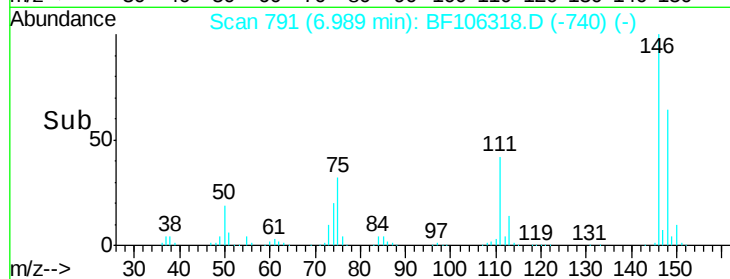
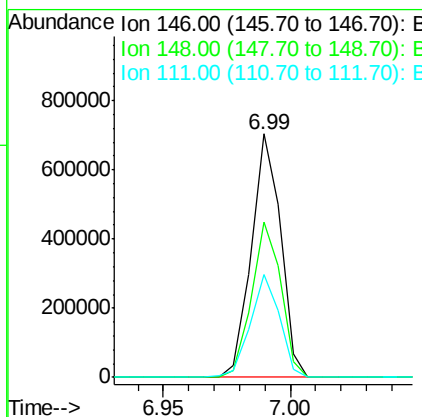
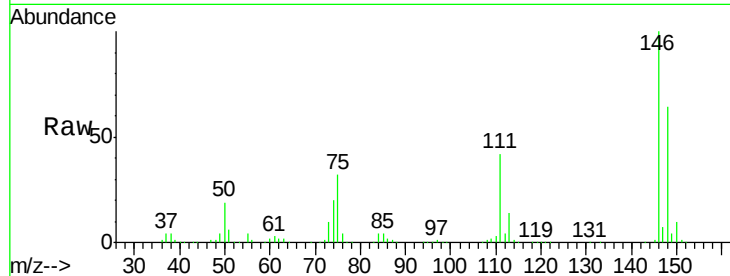
ClientSampleId :

CAS1-SB-02-03-1-27MSD

Tot Ion:	146	Resp:	566727
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	42.0	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 34.503 ng

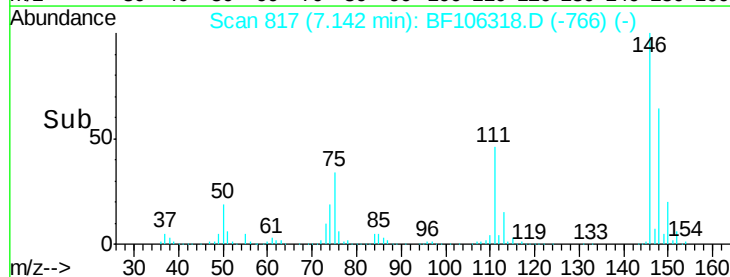
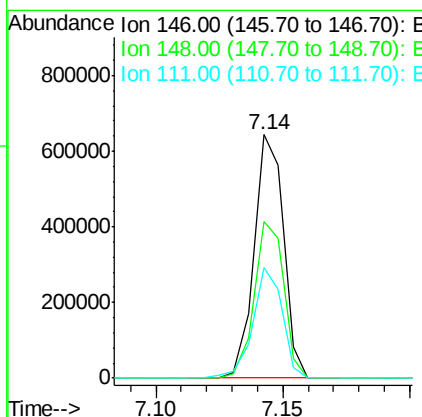
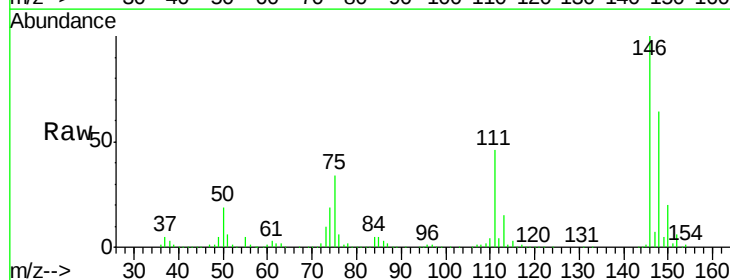
RT: 7.14 min Scan# 817

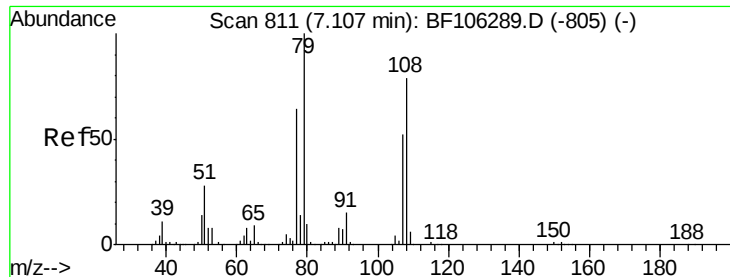
Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Tgt Ion:	146	Resp:	520749
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.6	75.8
111	45.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 35.511 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

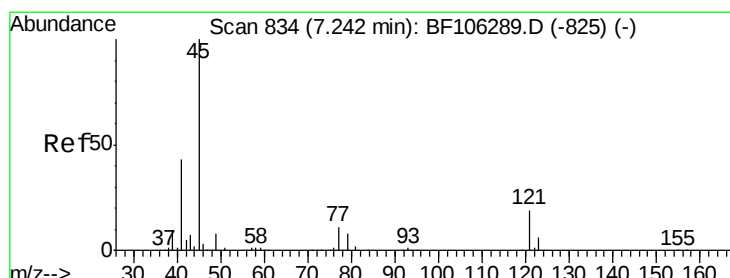
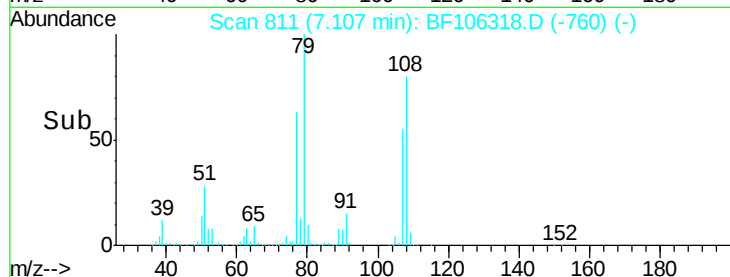
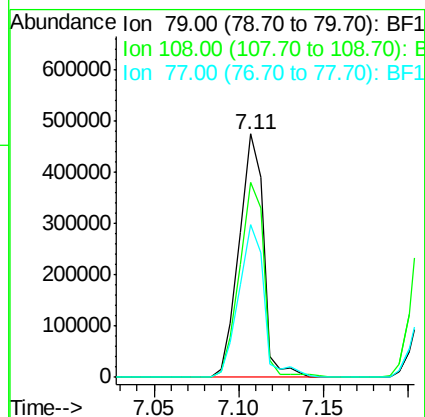
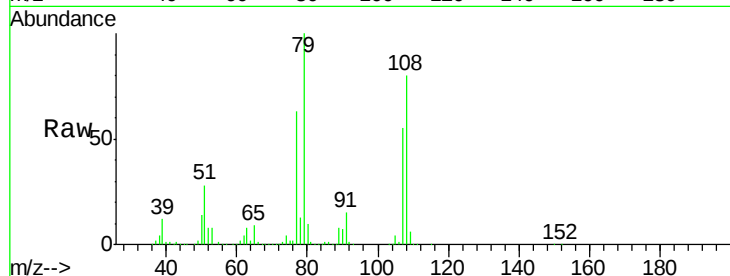
ClientSampleId :

CAS1-SB-02-03-1-27MSD

Tot Ion:	79	Resp:	479617
Ion Ratio	Lower	Upper	
79	100		
108	80.2	65.1	97.7
77	62.8	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.560 ng

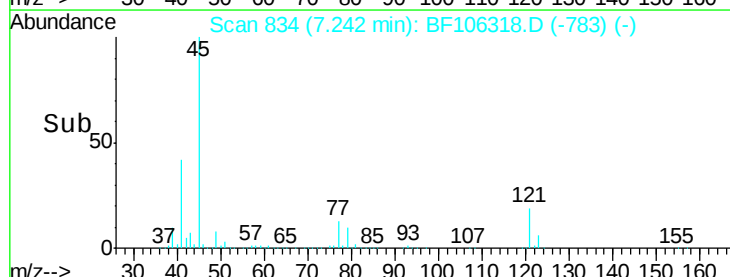
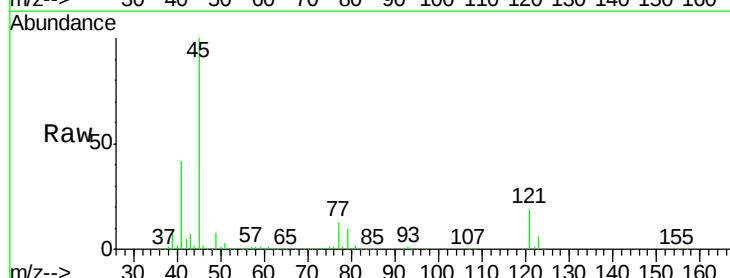
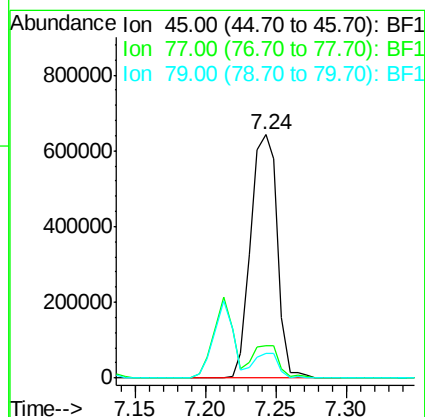
RT: 7.24 min Scan# 834

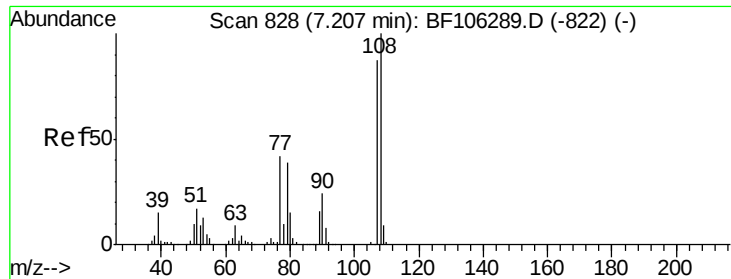
Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Tgt Ion:	45	Resp:	856932
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	32.9
79	10.4	0.0	29.6





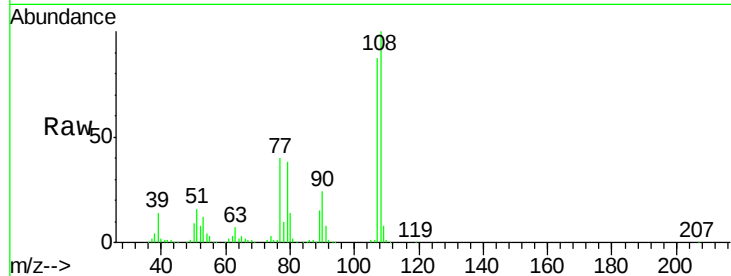
#17
2-Methylphenol
Concen: 37.191 ng
RT: 7.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

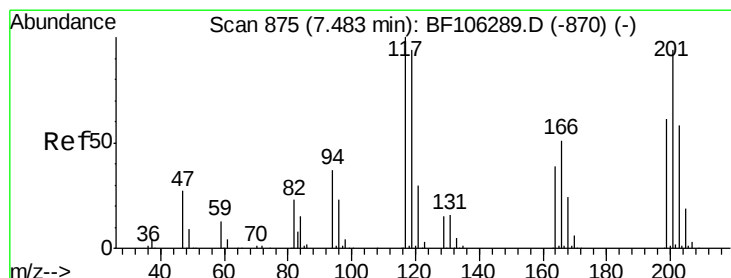
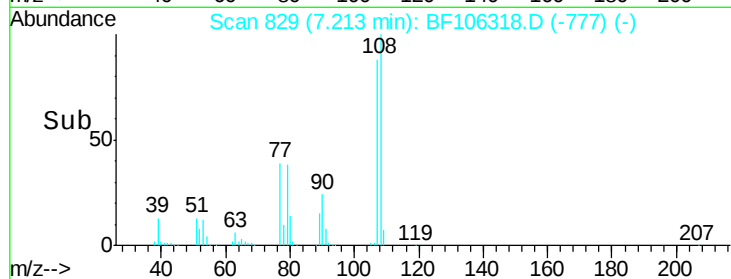
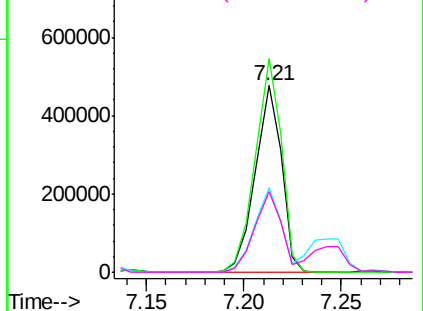
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		445427		
108	114.3	91.7	137.5		
77	45.2	33.8	50.8		
79	43.1	33.8	50.8		

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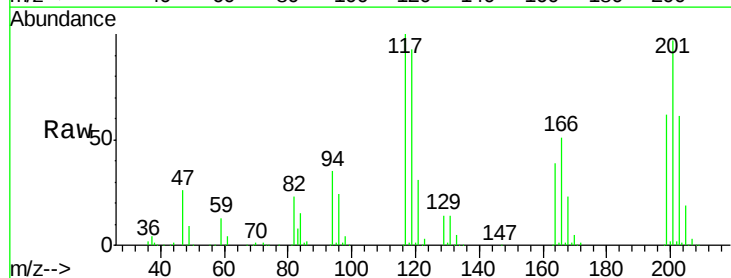


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

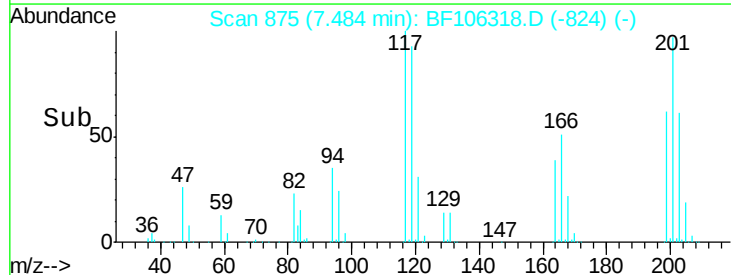
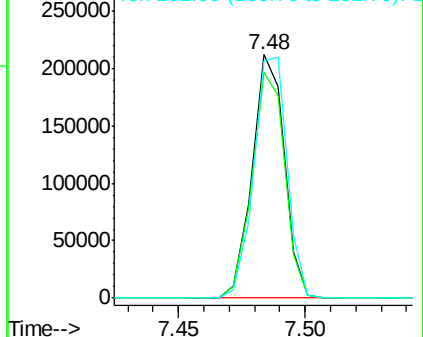


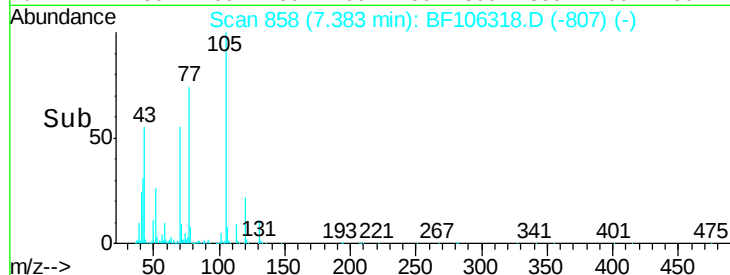
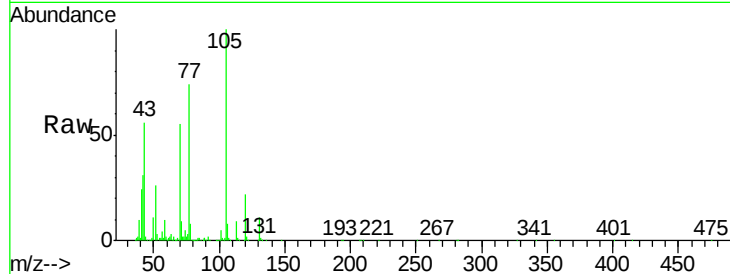
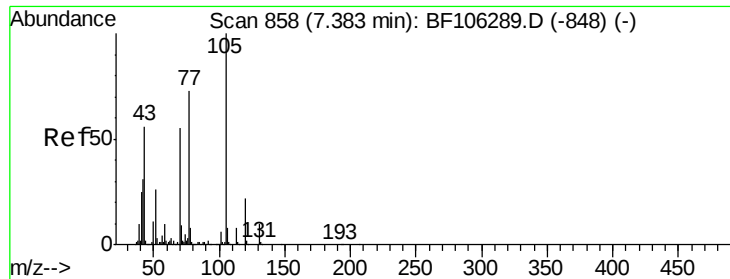
#18
Hexachloroethane
Concen: 32.844 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		187628		
119	92.8	75.8	113.8		
201	97.2	75.7	113.5		



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





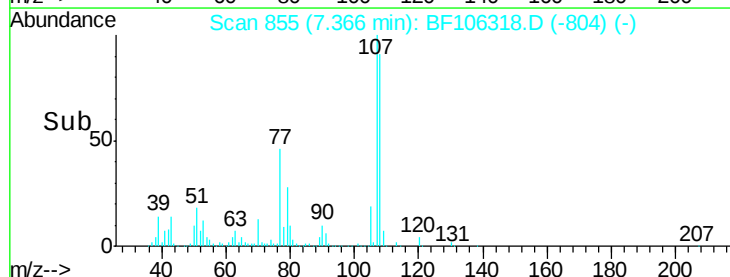
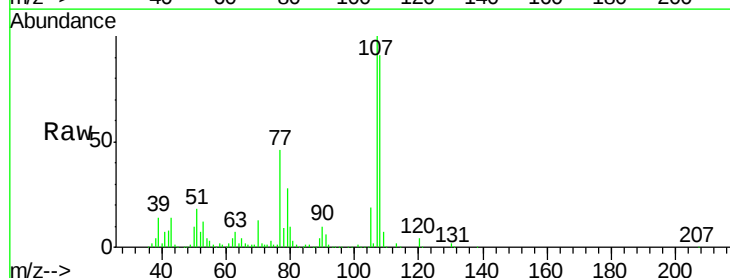
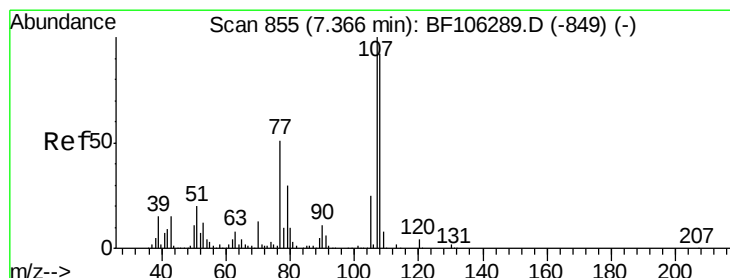
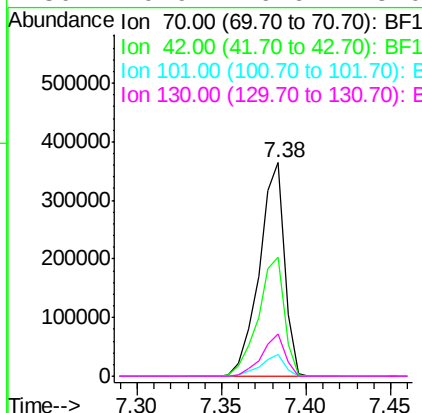
#19
n-Nitroso-di-n-propylamine
Concen: 31.828 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.5	71.3
101	10.0	7.4	11.2
130	19.9	16.6	25.0

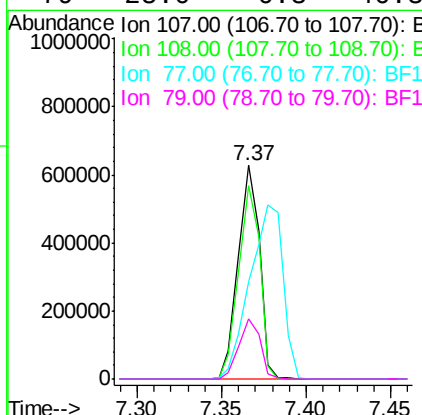
Manual Integrations
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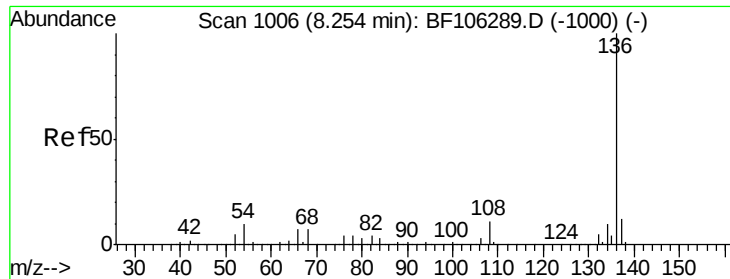
Sohil
6/12/2018 12:58:41 PM



#20
3+4-Methylphenols
Concen: 36.034 ng
RT: 7.37 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	45.8	26.7	66.7
79	28.0	6.3	46.3





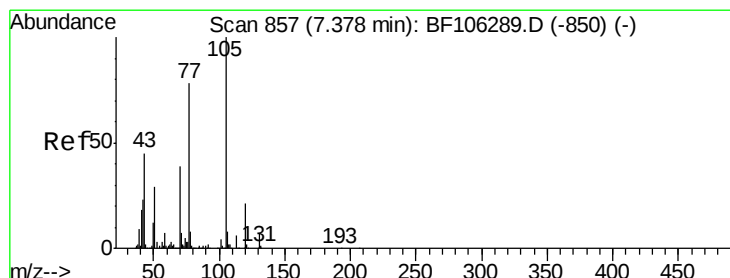
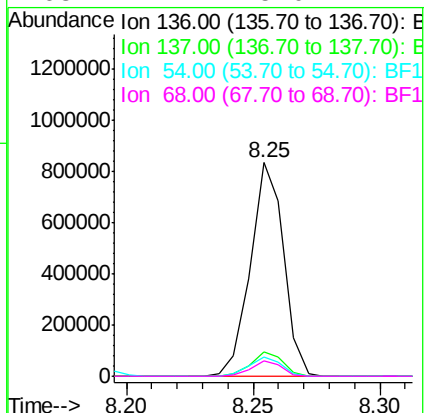
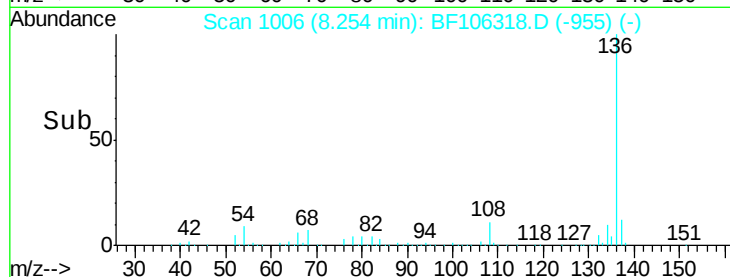
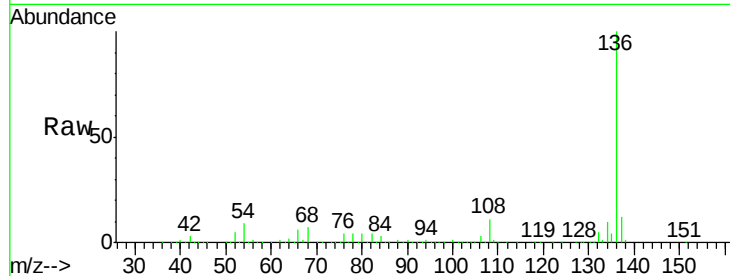
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	756581		
137	11.7		8.9	13.3
54	9.2		6.6	9.8
68	7.4		5.0	7.4

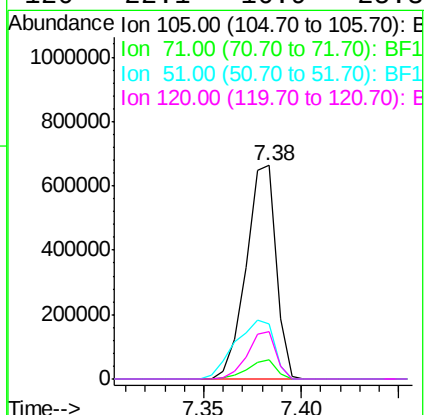
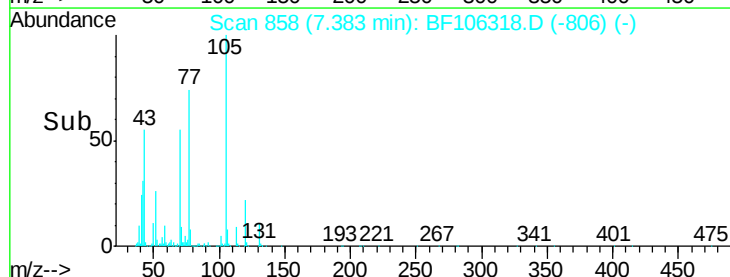
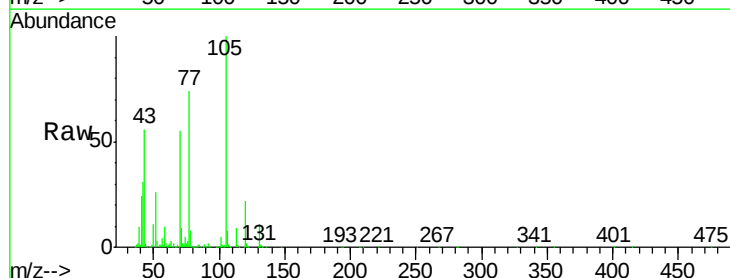
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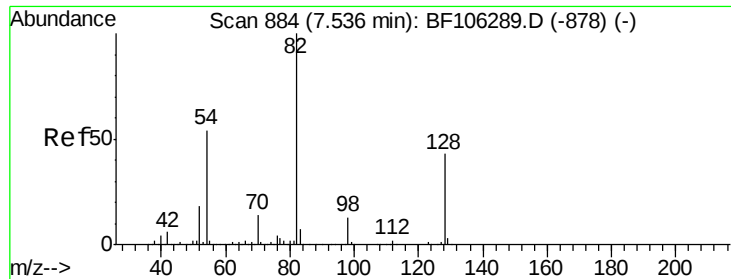
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#22
Acetophenone
Concen: 37.023 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	705898		
71	9.0		4.4	6.6#
51	25.9		22.3	33.5
120	22.1		16.9	25.3





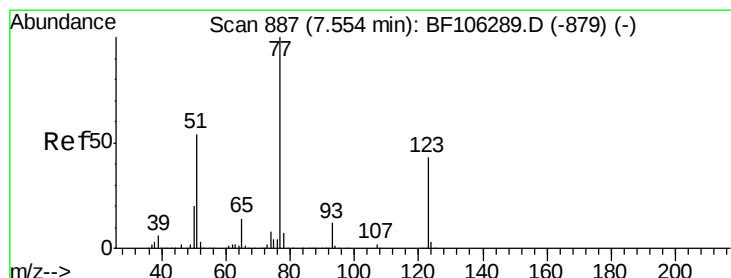
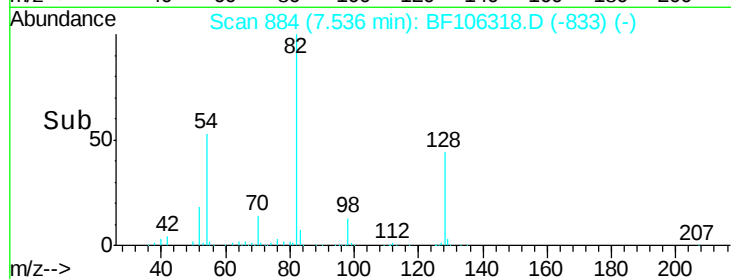
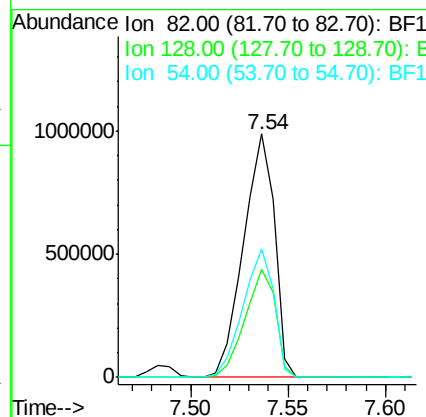
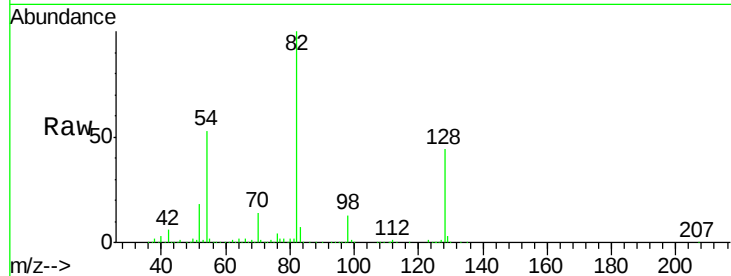
#23
Nitrobenzene-d5
Concen: 84.861 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	82	Resp	1091383
Ion Ratio	100	Lower	Upper
128	44.1	36.1	54.1
54	52.9	41.4	62.2

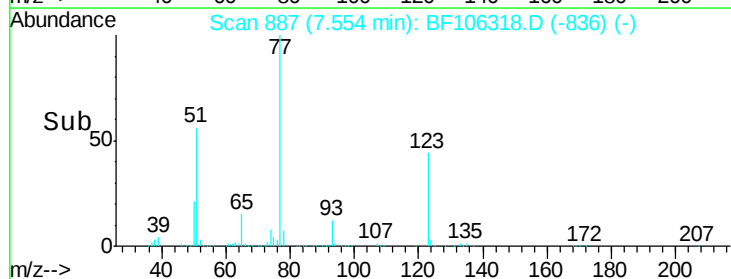
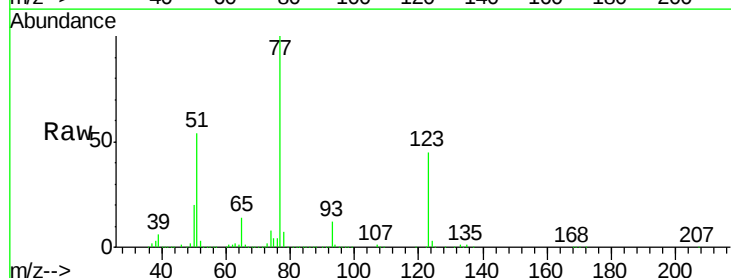
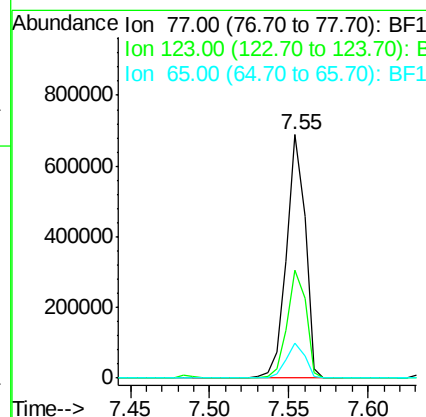
Manual Integrations
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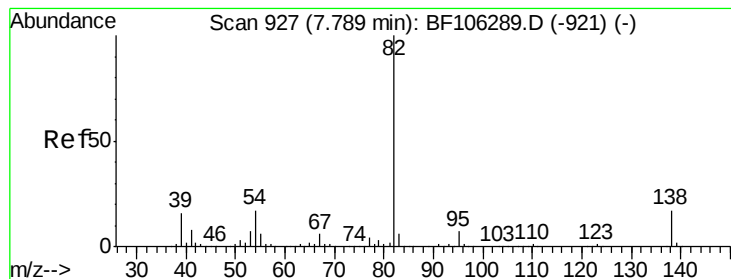
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#24
Nitrobenzene
Concen: 40.438 ng
RT: 7.55 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	77	Resp	565253
Ion Ratio	100	Lower	Upper
123	44.5	37.9	56.9
65	14.2	11.0	16.4





#25

Isophorone

Concen: 41.136 ng

RT: 7.79 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

Tot Ion: 82 Resp: 1033330

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

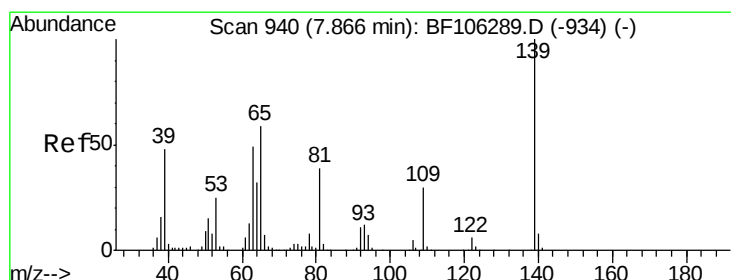
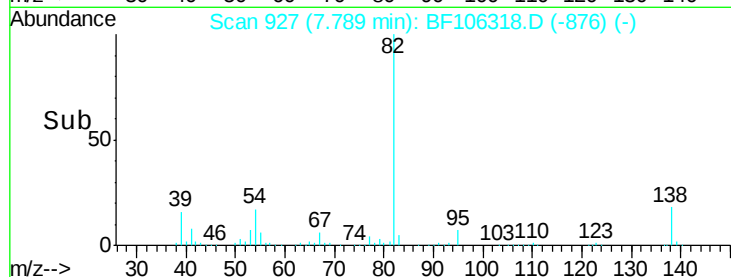
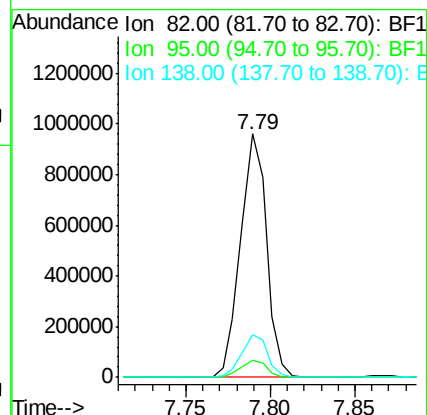
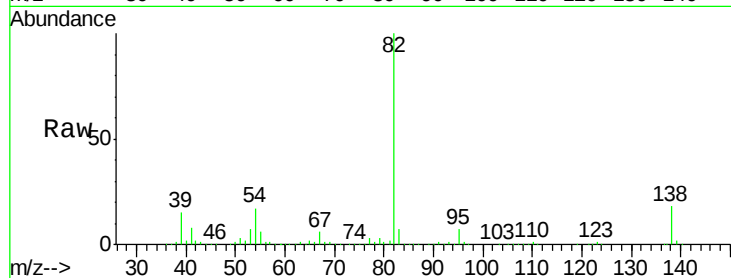
138 17.7 14.9 22.3

Manual Integrations

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6/12/2018 12:58:41 PM



#26

2-Nitrophenol

Concen: 47.536 ng

RT: 7.87 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

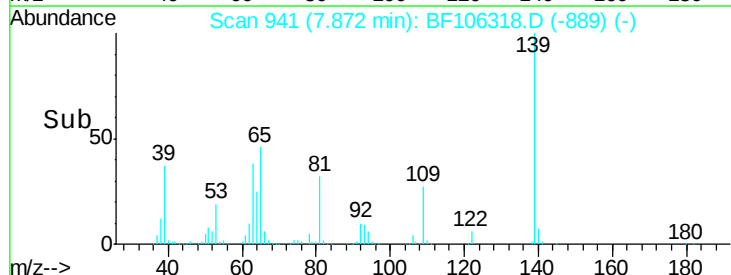
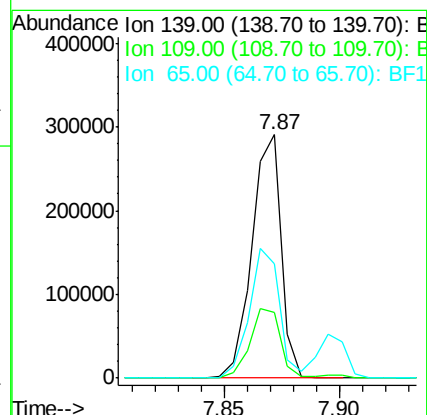
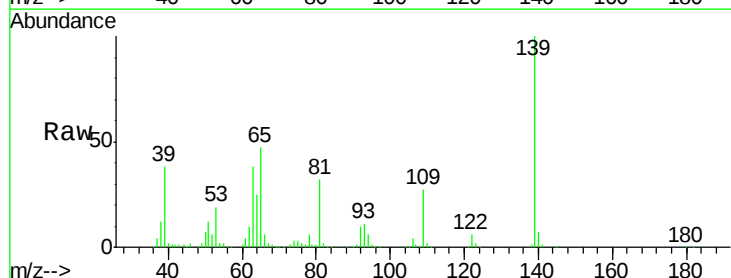
Tgt Ion: 139 Resp: 257915

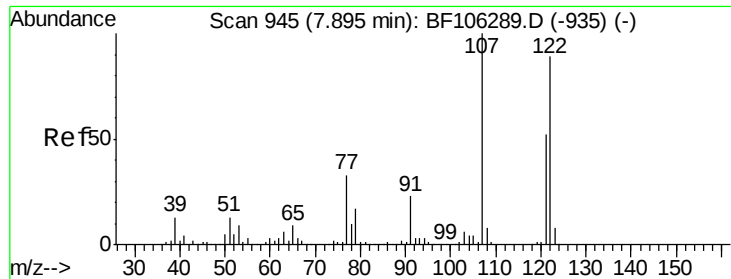
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 46.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.932 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

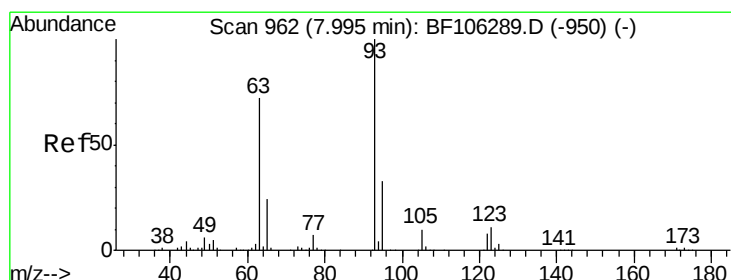
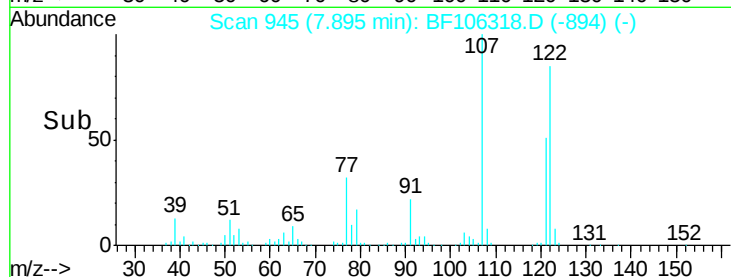
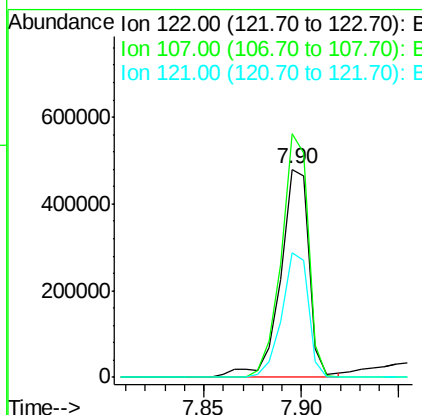
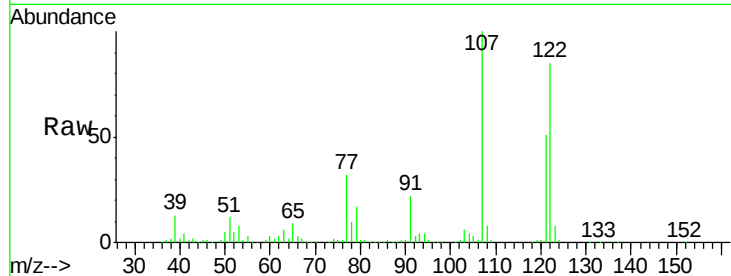
ClientSampleId :

CAS1-SB-02-03-1-27MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		488462		
107	117.1	91.2	136.8		
121	59.7	47.2	70.8		

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#28

bis(2-Chloroethoxy)methane

Concen: 39.423 ng

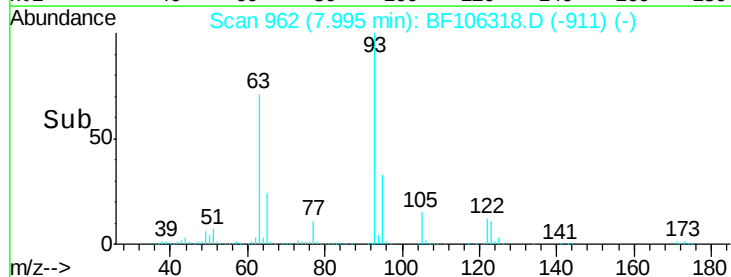
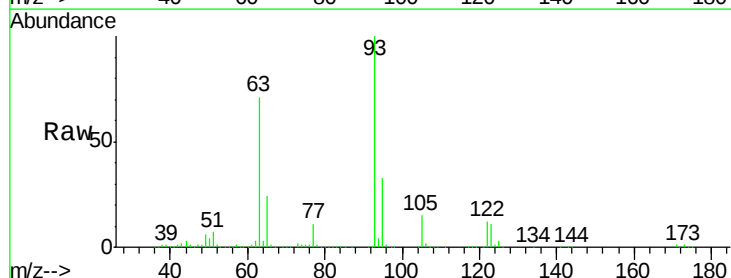
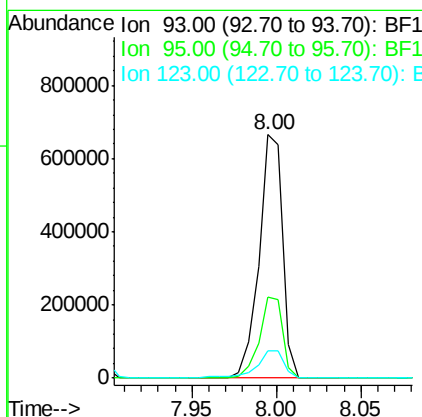
RT: 8.00 min Scan# 962

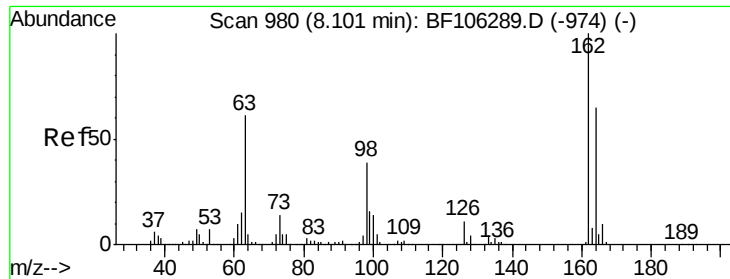
Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		642130		
95	33.3	26.3	39.5		
123	11.4	9.8	14.6		





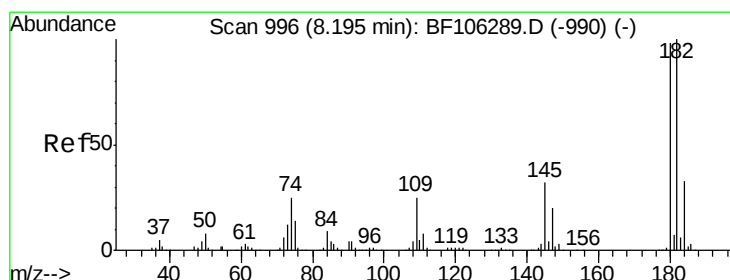
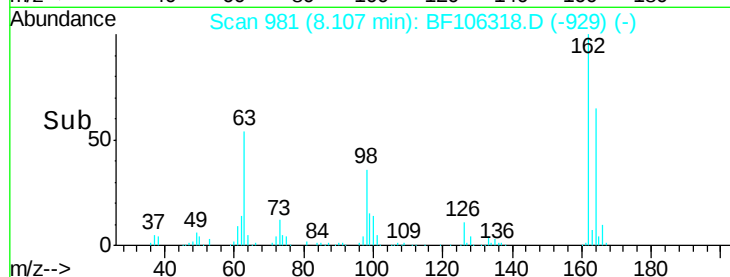
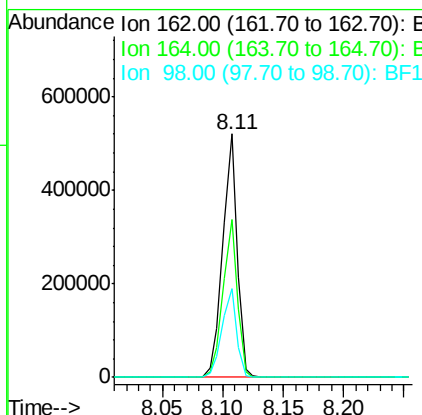
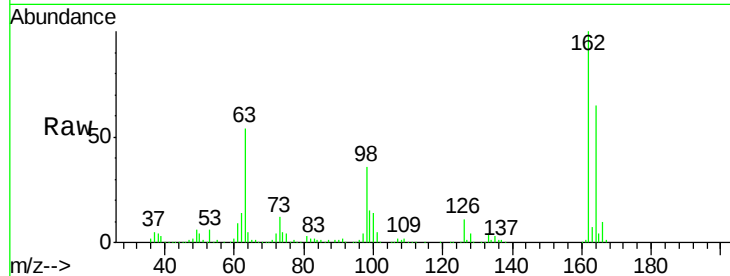
#29
2,4-Dichlorophenol
Concen: 42.113 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	432057		
164	64.7	42.7	82.7	
98	36.4	18.1	58.1	

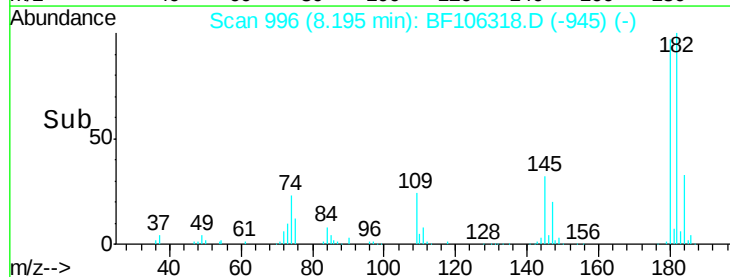
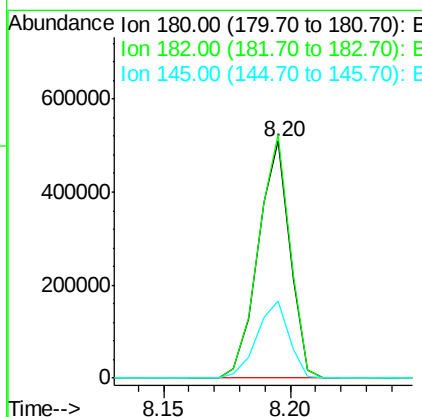
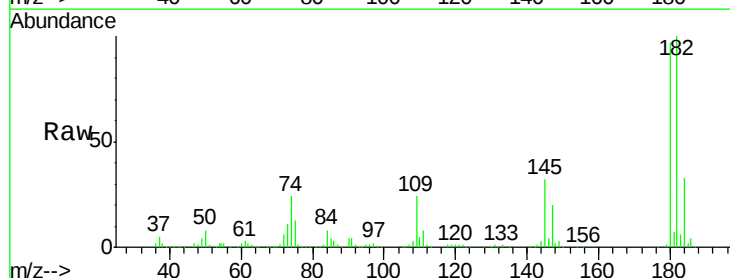
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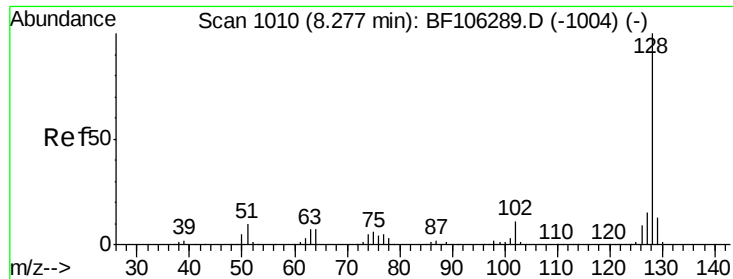
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#30
1,2,4-Trichlorobenzene
Concen: 38.886 ng
RT: 8.20 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	447320		
182	102.8	76.8	115.2	
145	32.8	26.5	39.7	





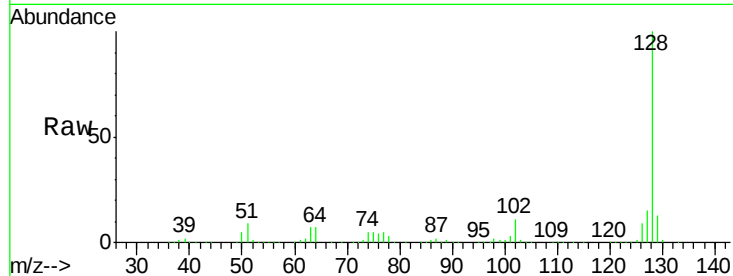
#31
Naphthalene
Concen: 38.243 ng
RT: 8.28 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

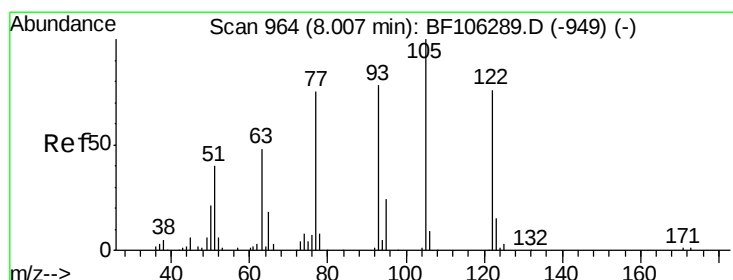
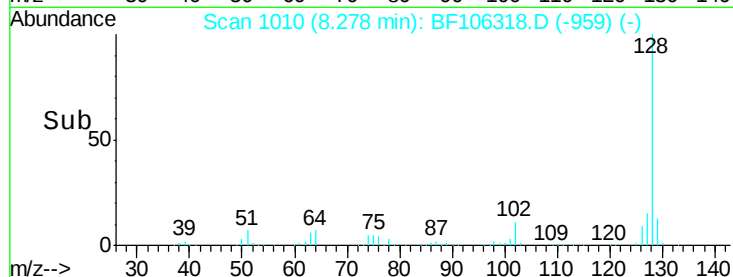
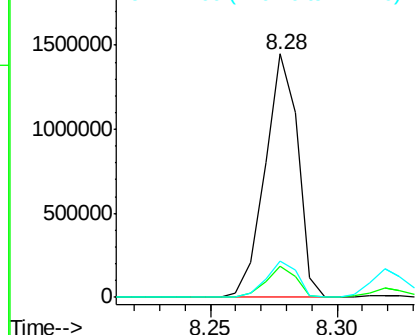
Tot Ion:128 Resp: 1307957
Ion Ratio Lower Upper
128 100
129 12.9 8.8 13.2
127 15.1 10.9 16.3

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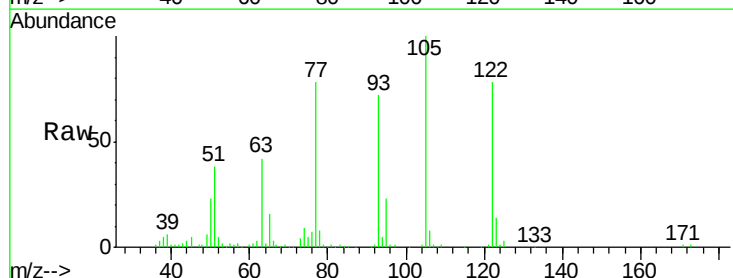


Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

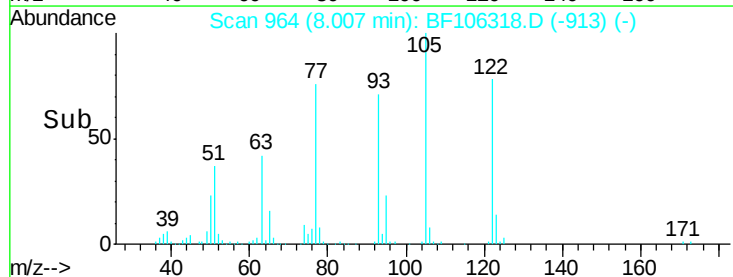
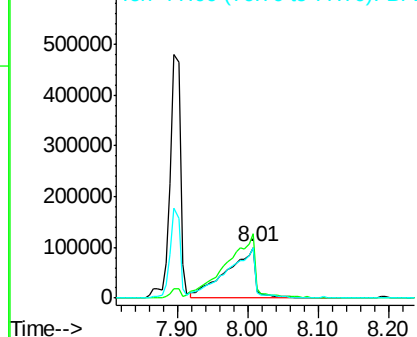


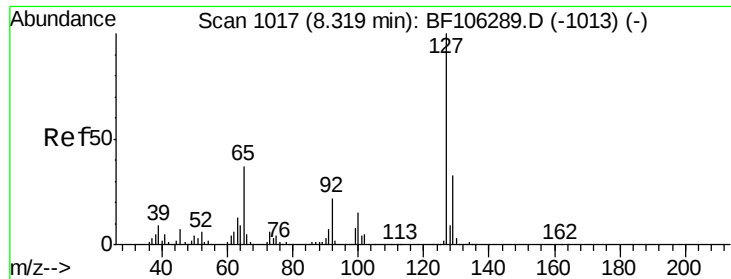
#32
Benzoic acid
Concen: 38.100 ng
RT: 8.01 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion:122 Resp: 284937
Ion Ratio Lower Upper
122 100
105 127.6 101.1 141.1
77 99.0 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





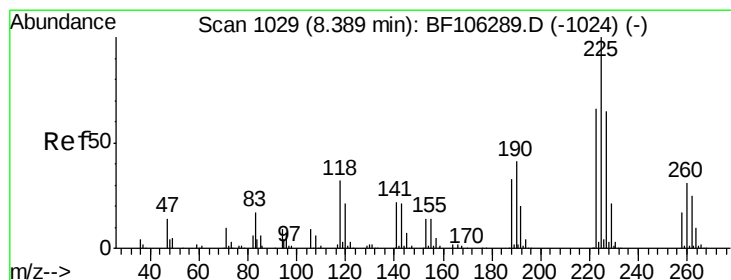
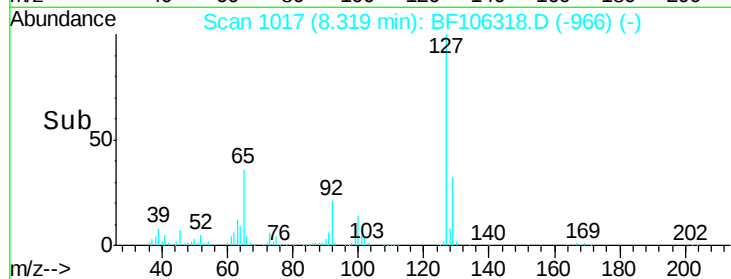
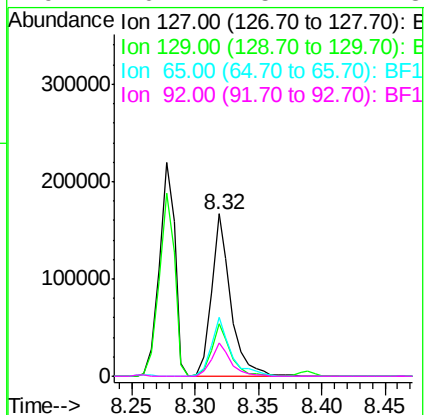
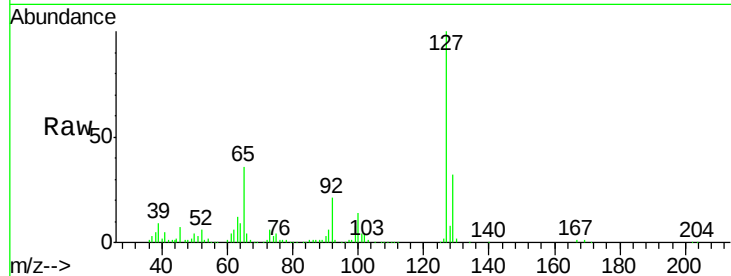
#33
4-Chloroaniline
Concen: 11.772 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		178428		
129	32.4		25.9	38.9	
65	36.1		25.0	37.4	
92	20.7		15.2	22.8	

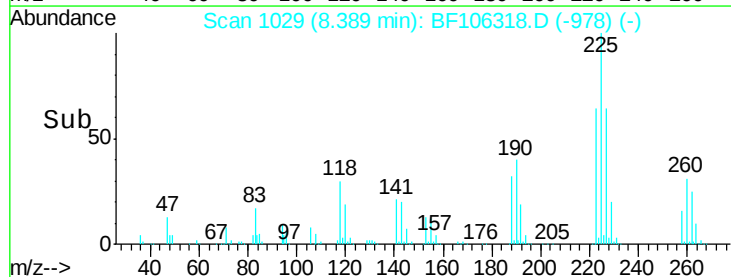
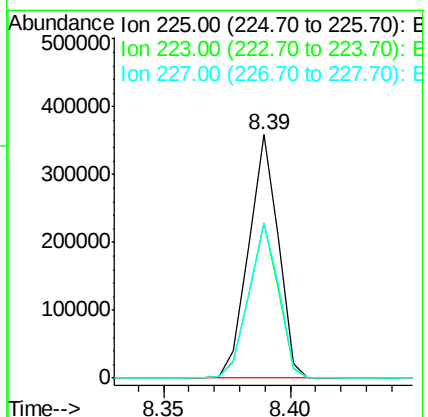
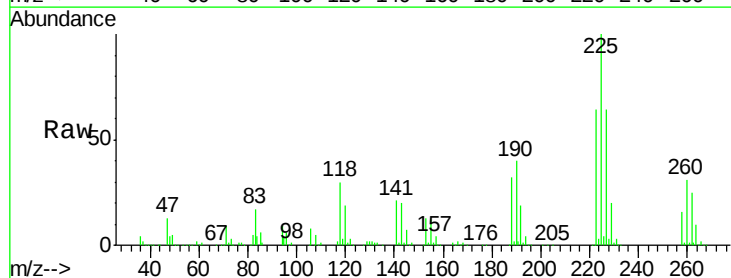
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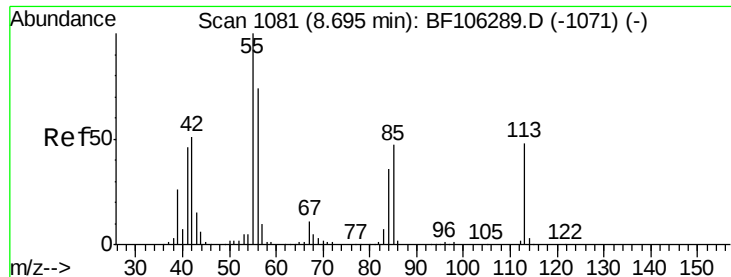
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#34
Hexachlorobutadiene
Concen: 39.534 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		292168		
223	63.6		50.6	76.0	
227	64.0		51.9	77.9	





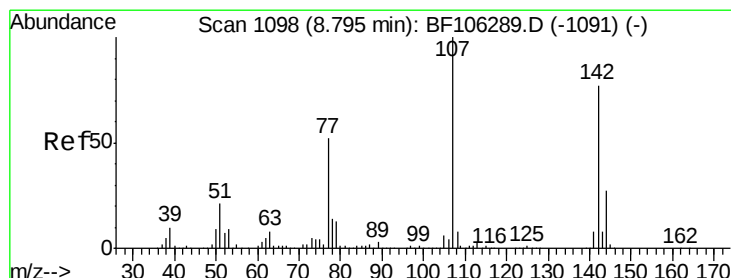
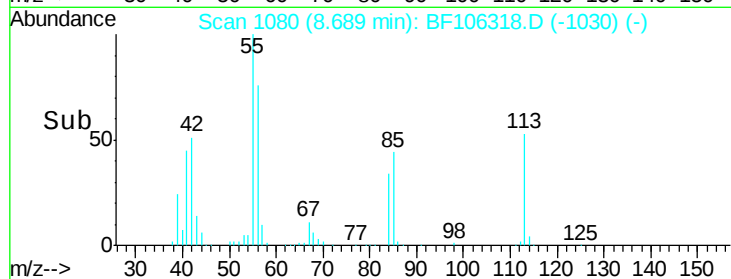
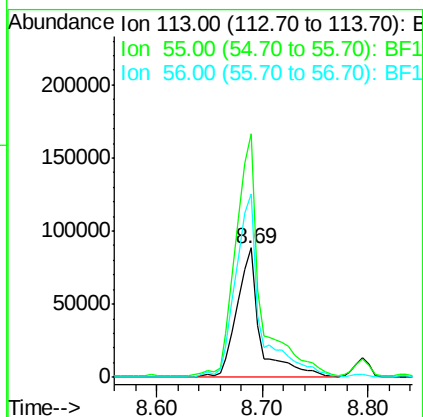
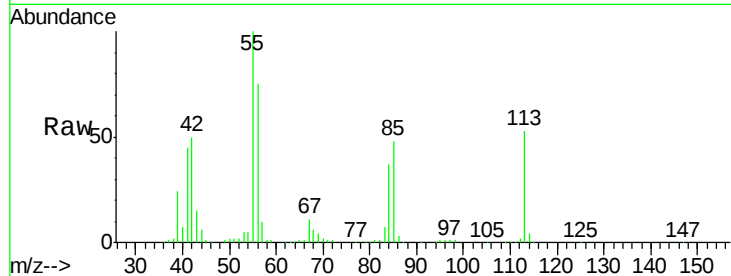
#35
 Caprolactam
 Concen: 39.103 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	188.6	163.3	203.3	
56	142.2	115.7	155.7	

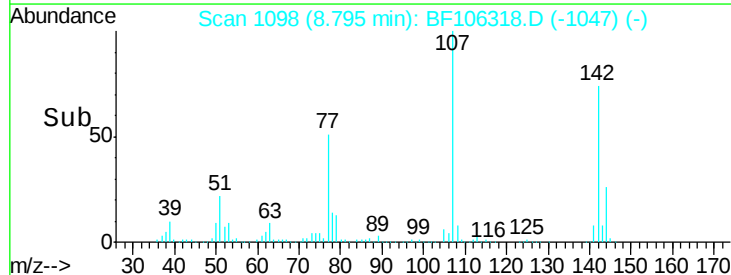
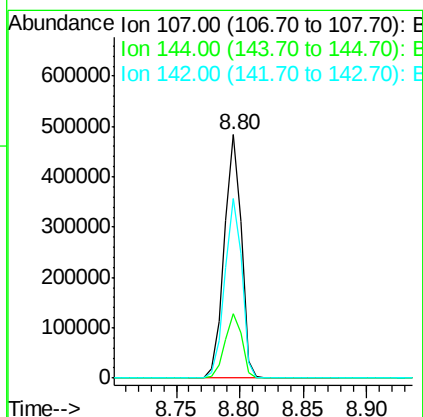
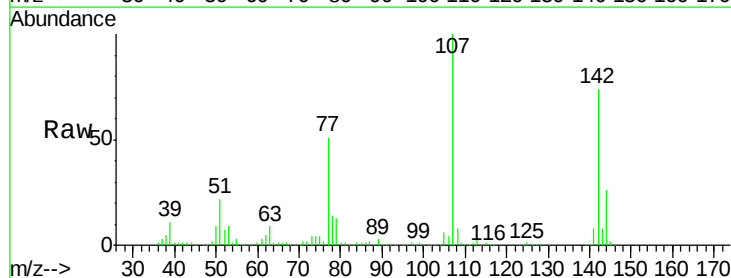
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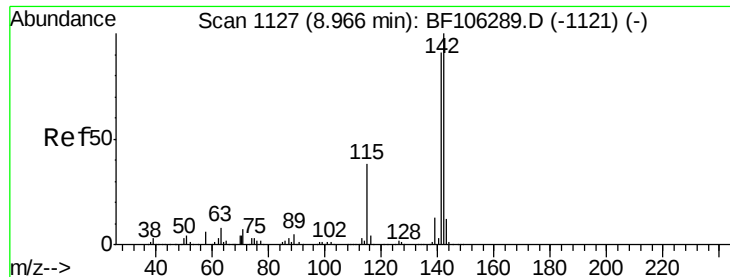
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#36
 4-Chloro-3-methylphenol
 Concen: 39.936 ng
 RT: 8.80 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.4	20.5	30.7	
142	73.6	62.0	93.0	





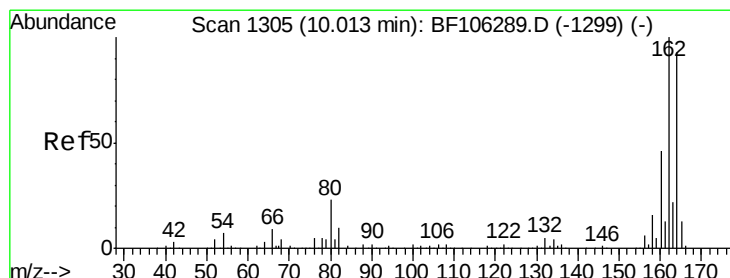
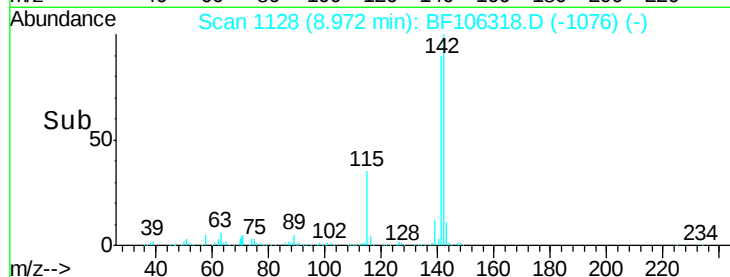
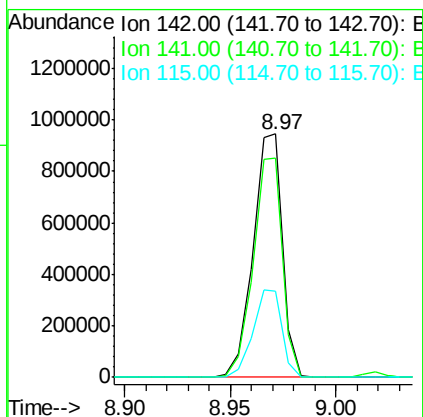
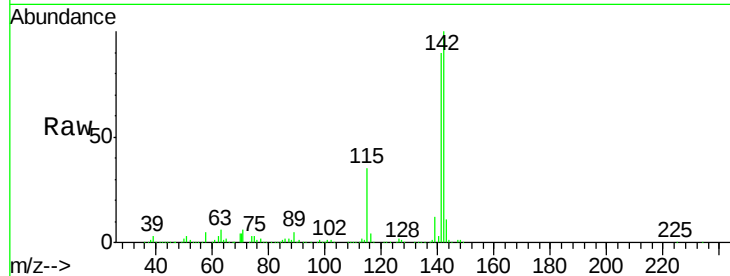
#37
2-Methylnaphthalene
Concen: 39.316 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	35.1	26.1	39.1

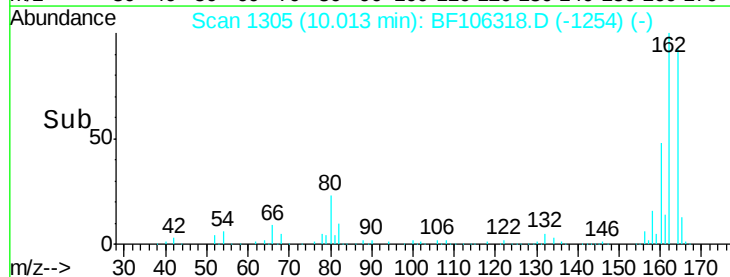
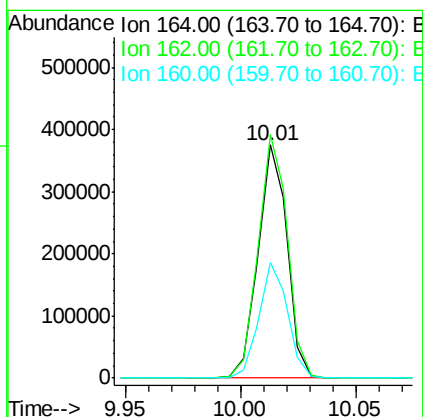
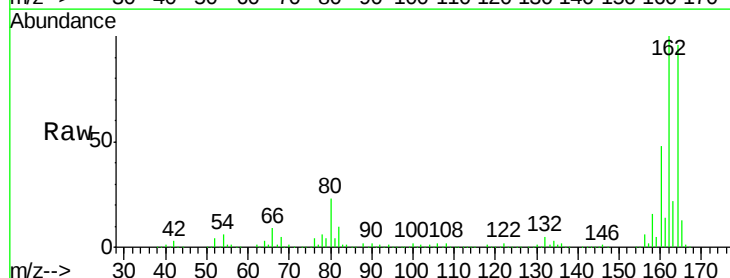
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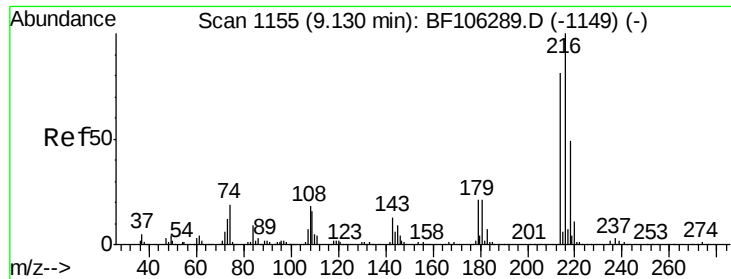
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	49.7	38.3	57.5





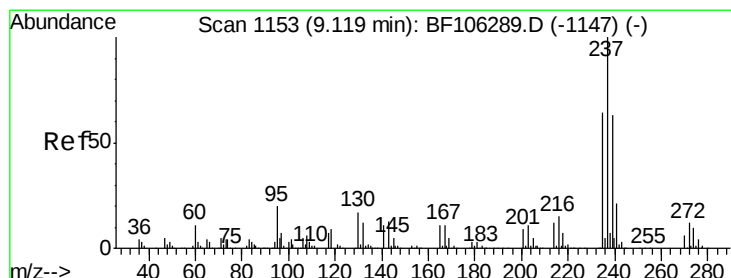
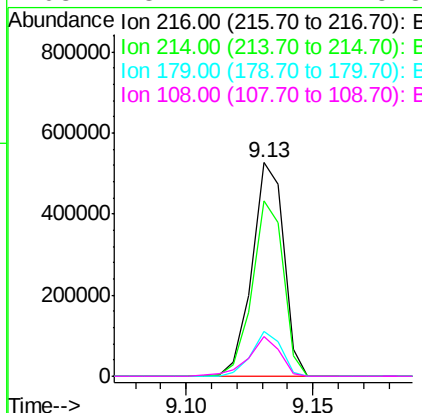
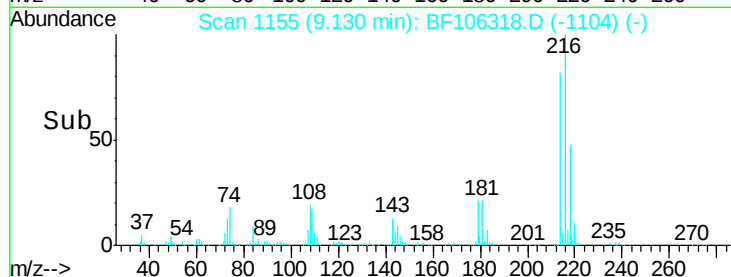
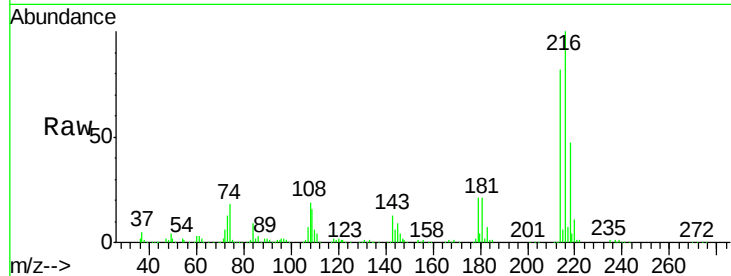
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.292 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.0	94.4
179	20.1	18.1	27.1
108	18.4	17.2	25.8

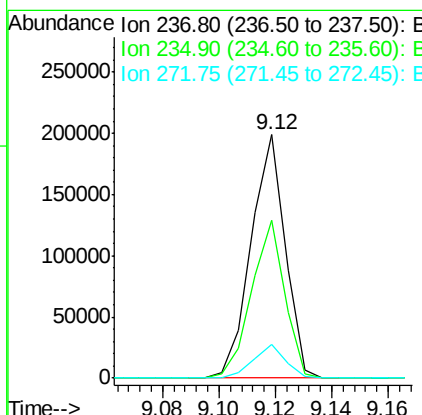
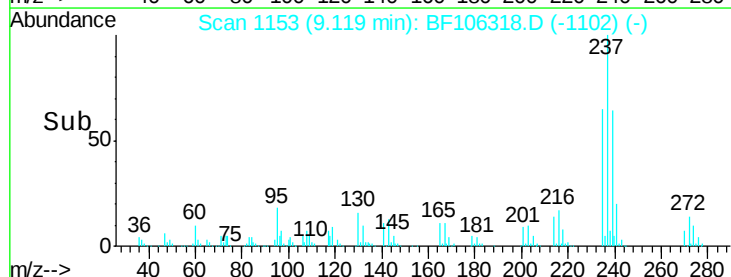
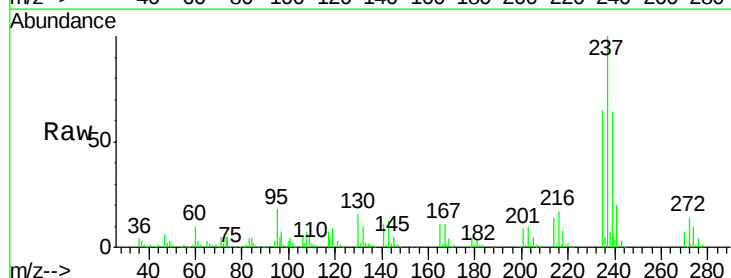
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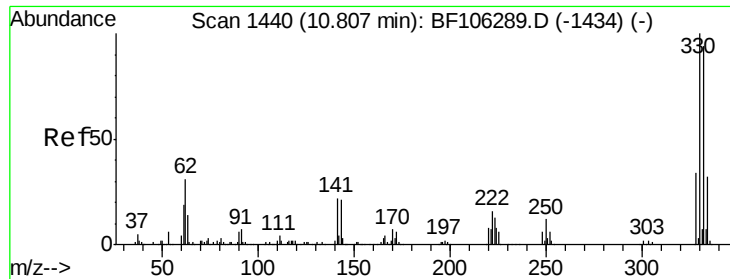
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#40
 Hexachlorocyclopentadiene
 Concen: 28.518 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.9	44.8	84.8
272	13.6	0.0	33.3





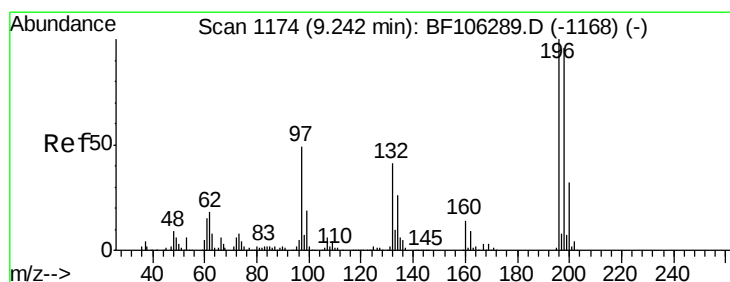
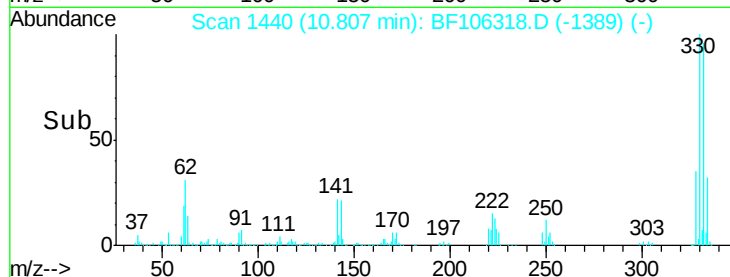
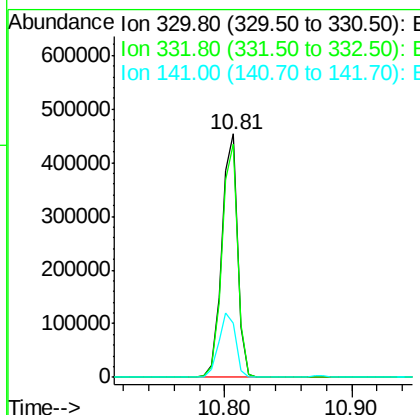
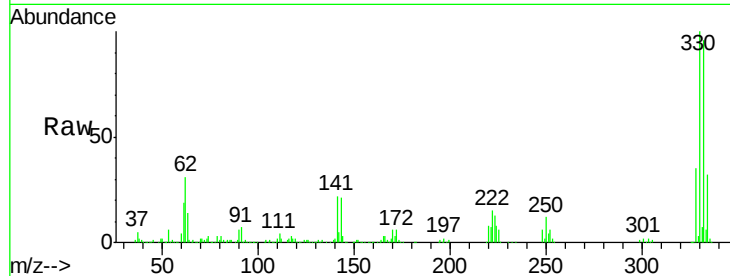
#41
 2,4,6-Tribromophenol
 Concen: 124.916 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	29.0	29.9	44.9	

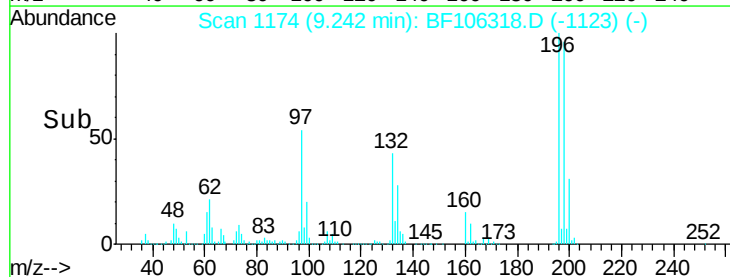
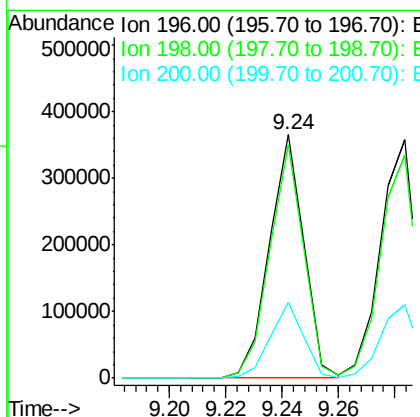
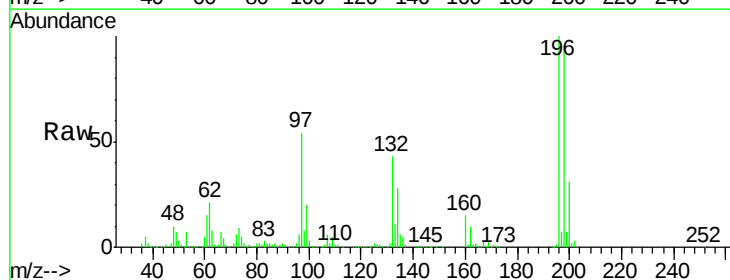
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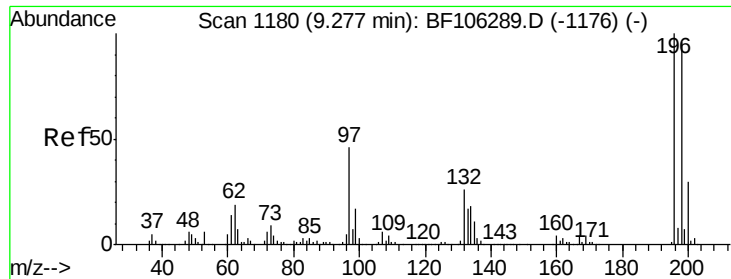
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#42
 2,4,6-Trichlorophenol
 Concen: 45.409 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.0	75.7	113.5	
200	31.4	24.5	36.7	





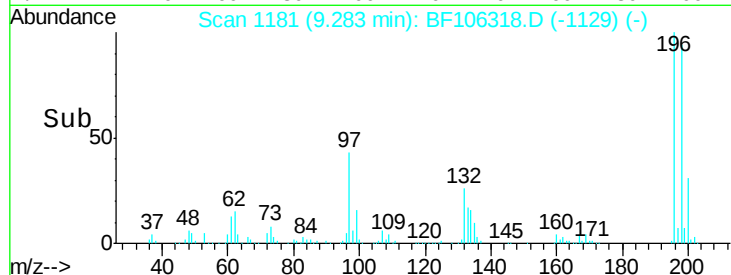
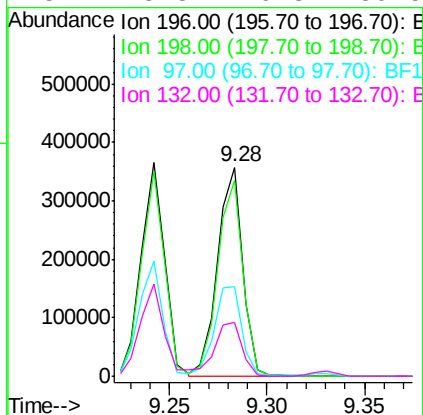
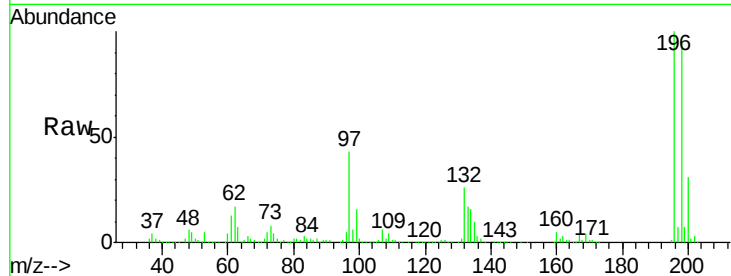
#43
 2,4,5-Trichlorophenol
 Concen: 43.477 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	317908		
198	93.7	74.6	112.0	
97	43.2	42.9	64.3	
132	25.8	26.3	39.5	

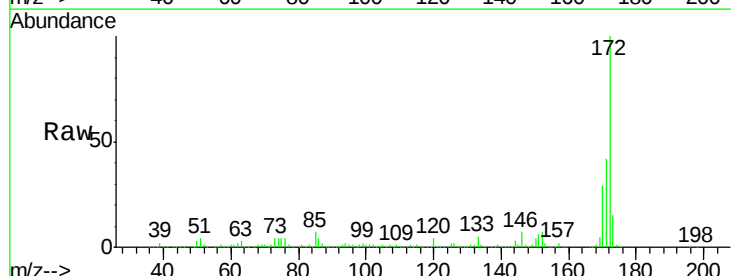
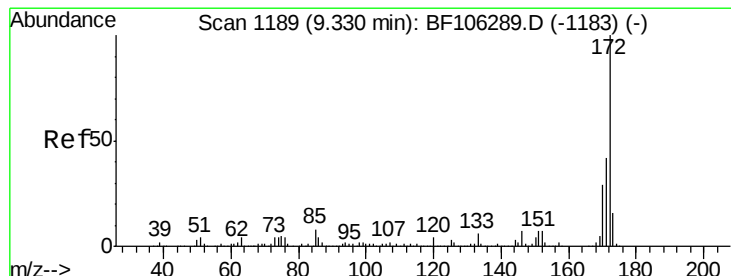
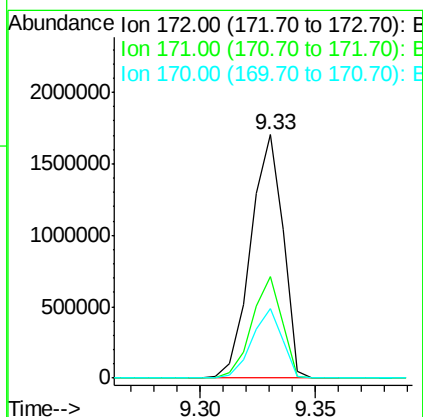
Manual Integrations
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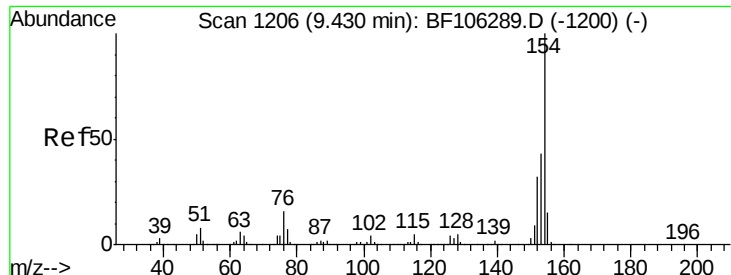
Sohil
 6/12/2018 12:58:41 PM



#44
 2-Fluorobiphenyl
 Concen: 92.569 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1662211		
171	42.0	29.7	44.5	
170	28.8	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 41.582 ng

RT: 9.43 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

Tot Ion:154 Resp: 1055953

Ion Ratio Lower Upper

154 100

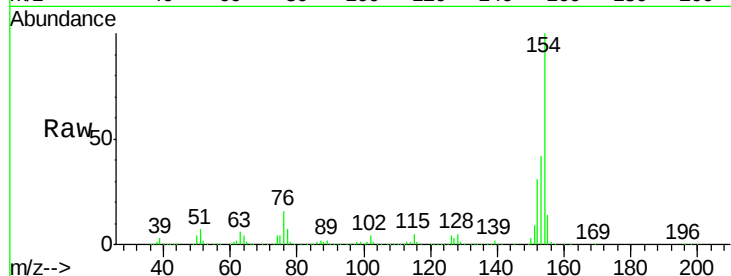
153 42.4 21.3 61.3

76 15.5 0.0 34.0

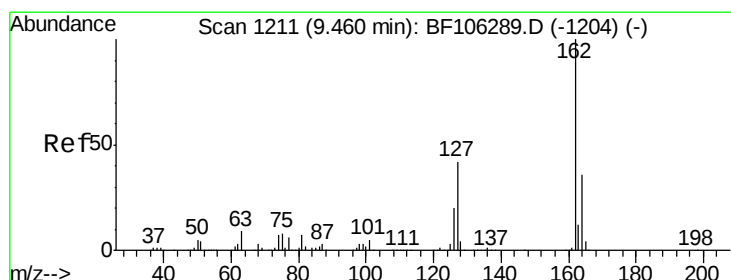
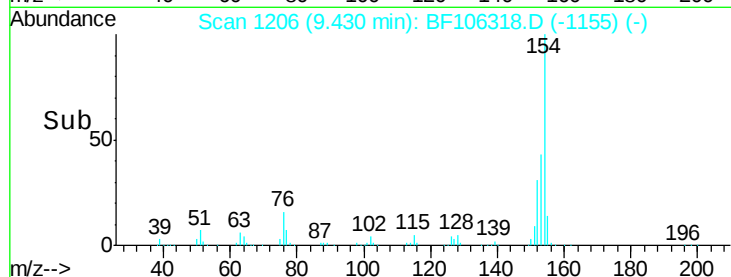
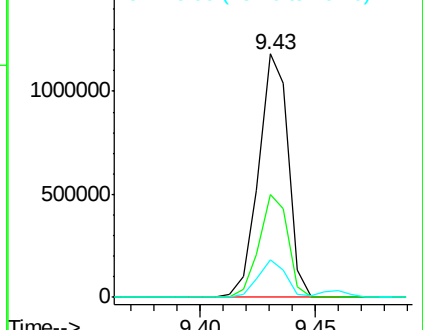
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.918 ng

RT: 9.46 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

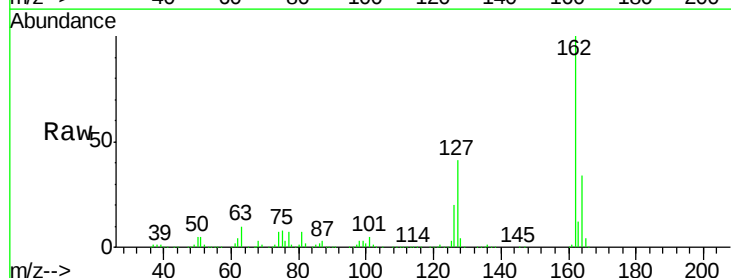
Tgt Ion:162 Resp: 831558

Ion Ratio Lower Upper

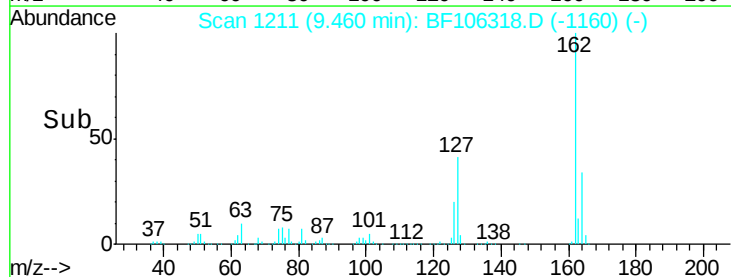
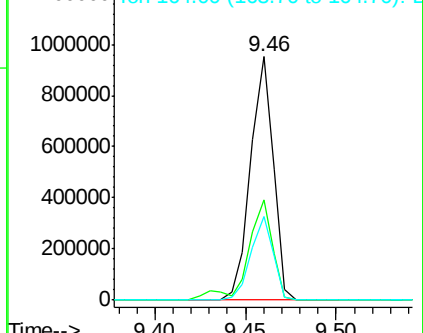
162 100

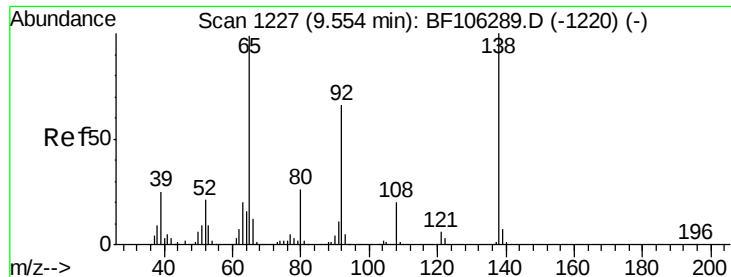
127 41.2 33.9 50.9

164 34.4 26.5 39.7



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





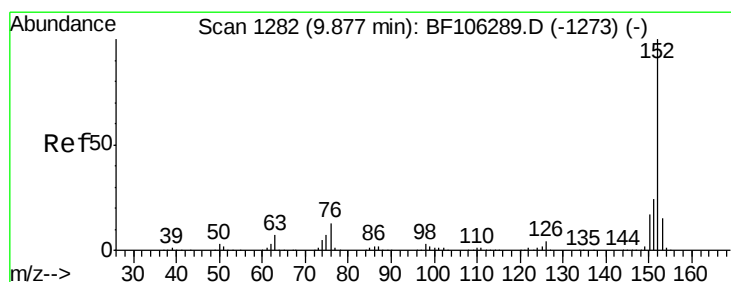
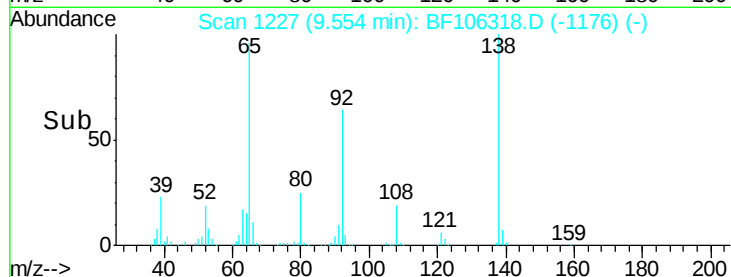
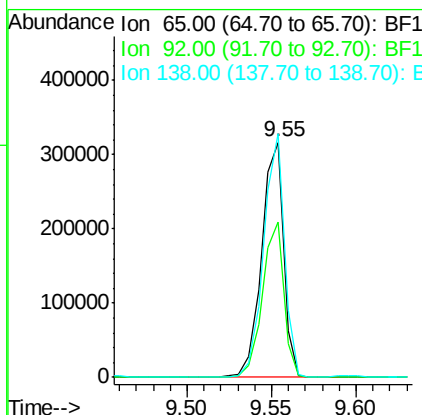
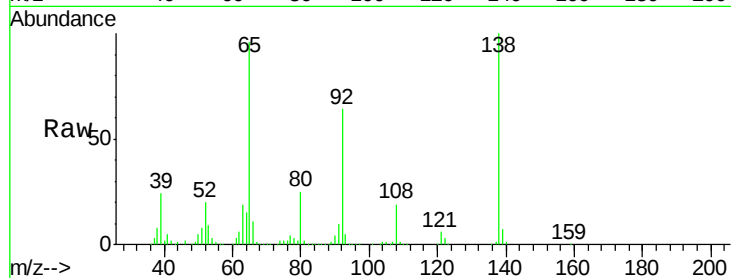
#47
2-Nitroaniline
Concen: 44.890 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	286985		
92	66.3		55.8	83.6
138	103.6		91.2	136.8

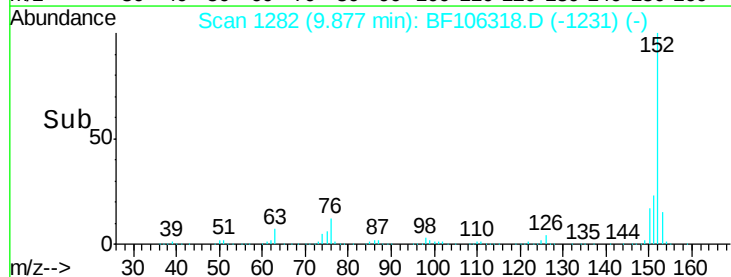
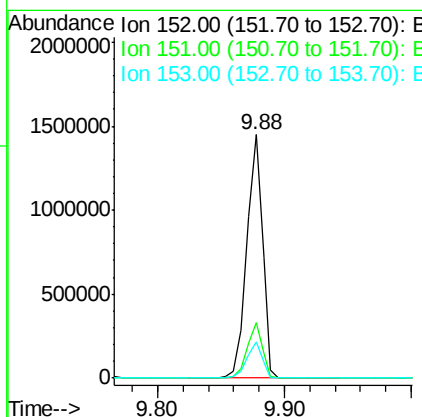
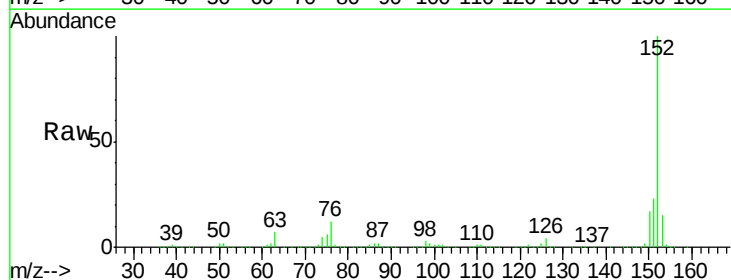
Manual Integrations
APPROVED

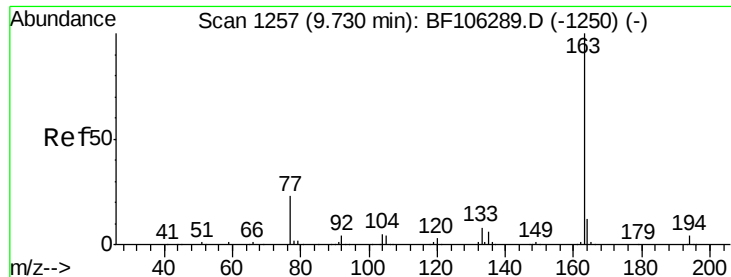
Sohil
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#48
Acenaphthylene
Concen: 39.953 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1242789		
151	22.6		16.3	24.5
153	14.8		10.7	16.1





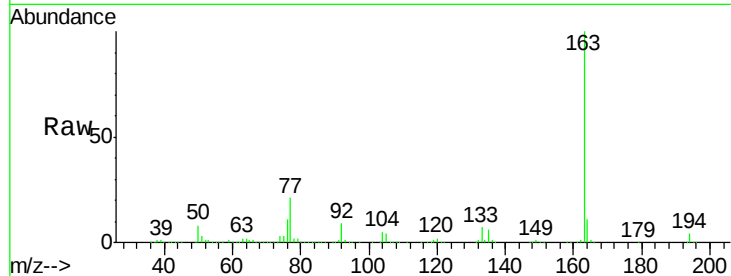
#49
Dimethylphthalate
Concen: 50.681 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

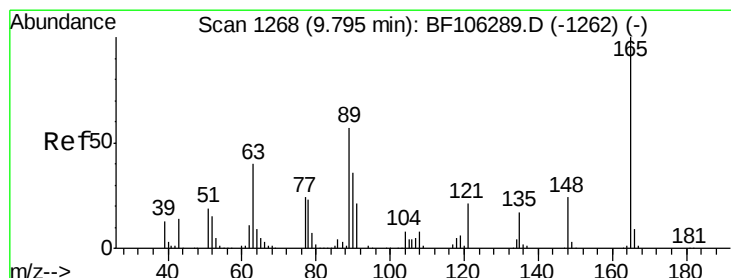
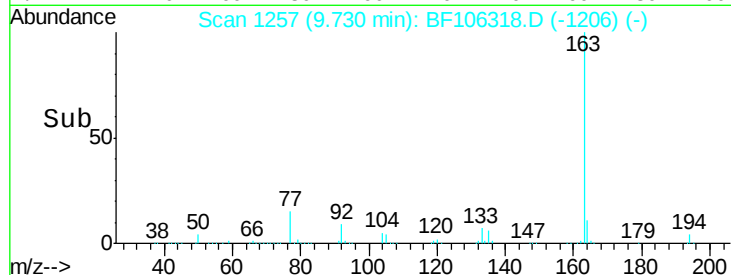
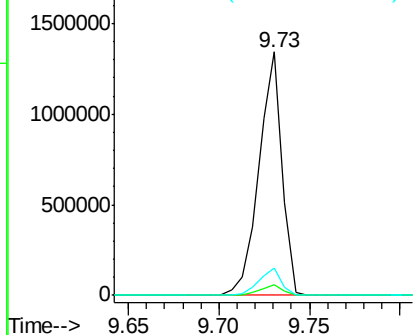
Tot Ion:163 Resp: 1187148
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 11.2 8.2 12.2

Manual Integrations
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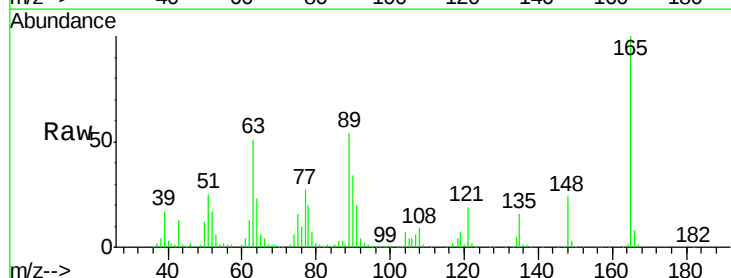


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

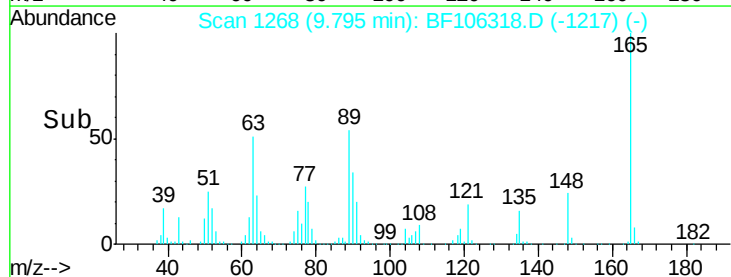
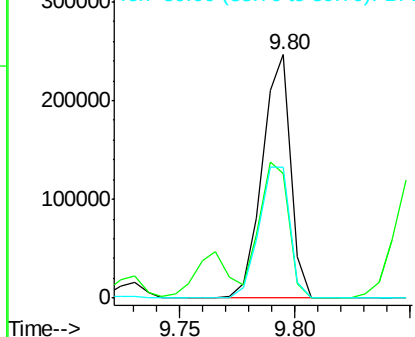


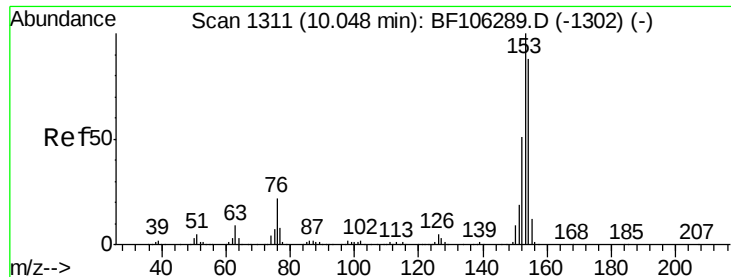
#50
2,6-Dinitrotoluene
Concen: 44.087 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion:165 Resp: 210944
Ion Ratio Lower Upper
165 100
63 51.3 44.7 67.1
89 53.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





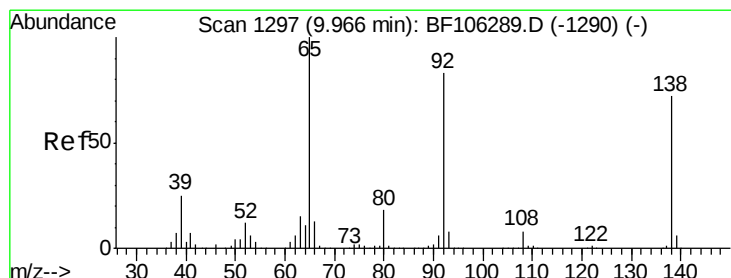
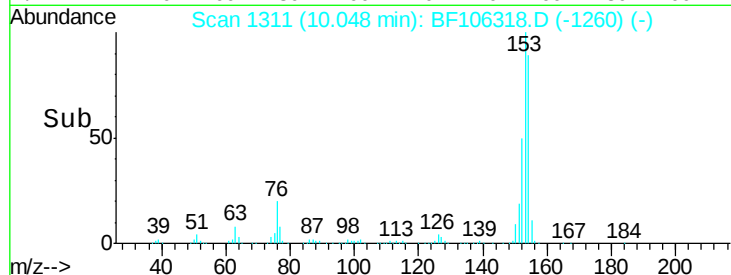
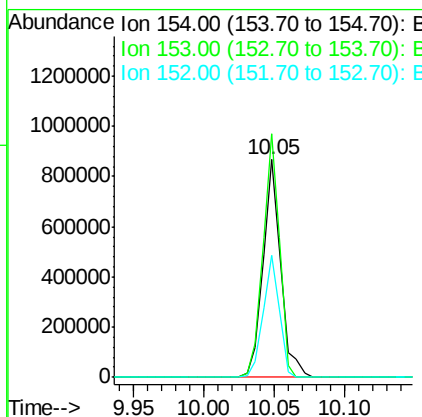
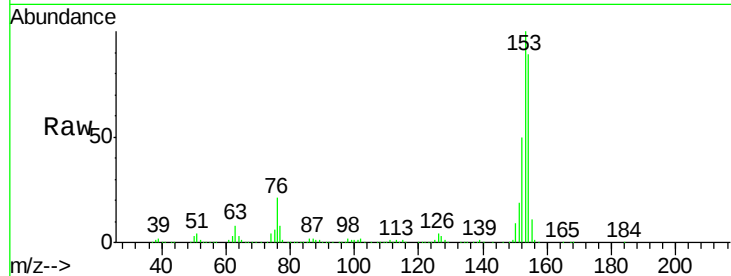
#51
Acenaphthene
Concen: 38.695 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.7	91.2	136.8
152	56.3	43.8	65.8

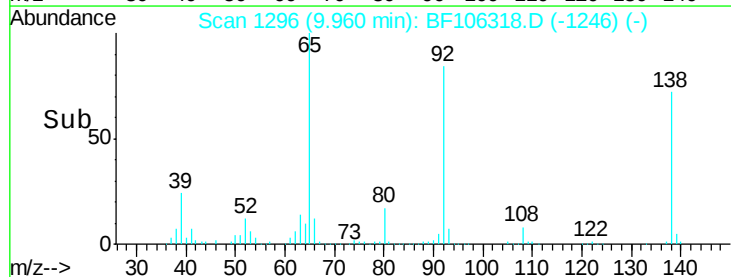
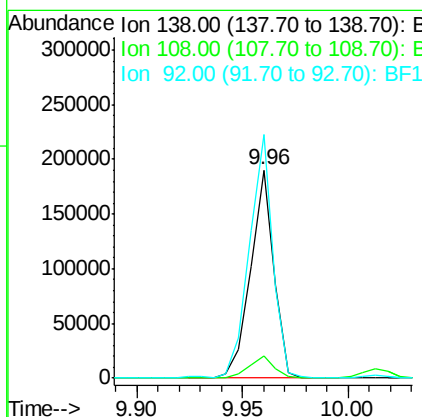
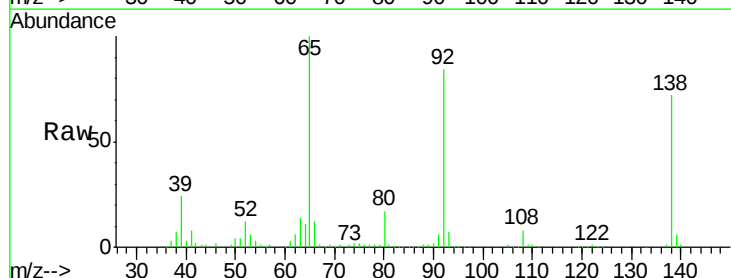
Manual Integrations
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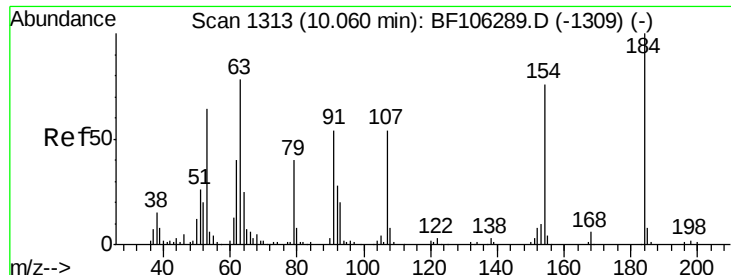
Sohil
6/12/2018 12:58:41 PM



#52
3-Nitroaniline
Concen: 25.776 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.4	14.0
92	116.9	89.4	134.2





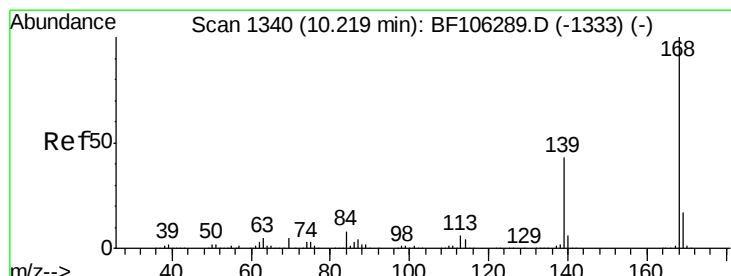
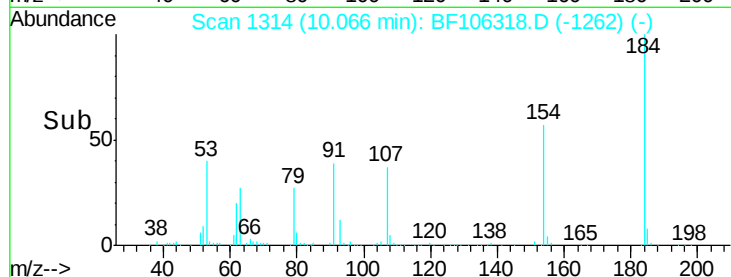
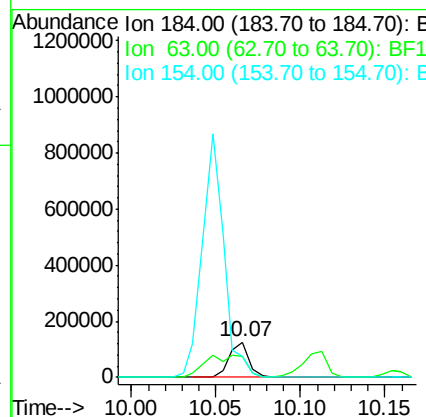
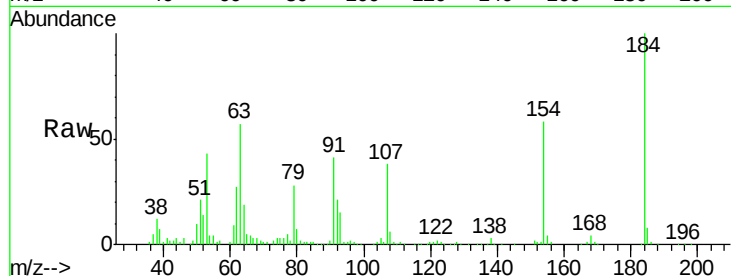
#53
2,4-Dinitrophenol
Concen: 49.687 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.2	54.2	81.2
154	57.7	184.0	276.0#

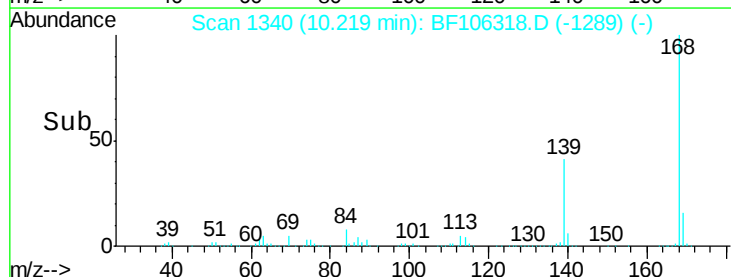
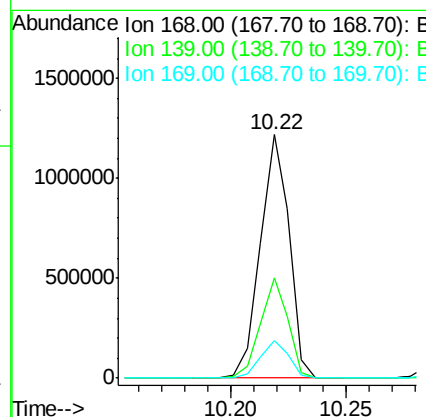
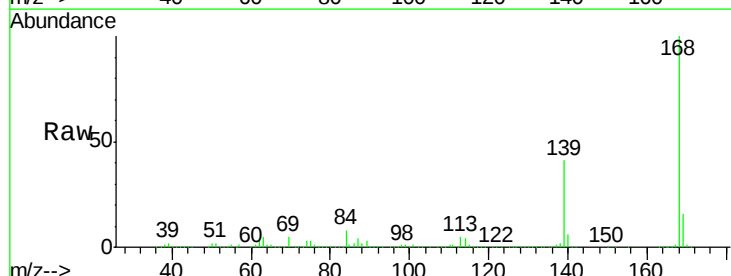
Manual Integrations
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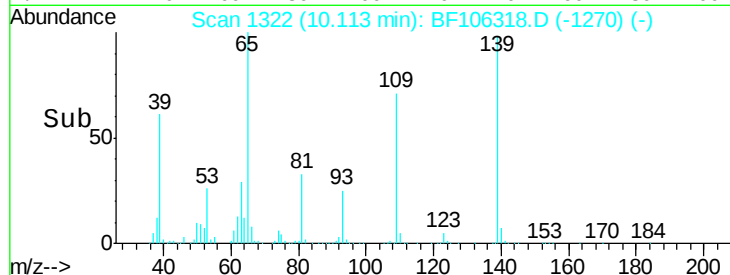
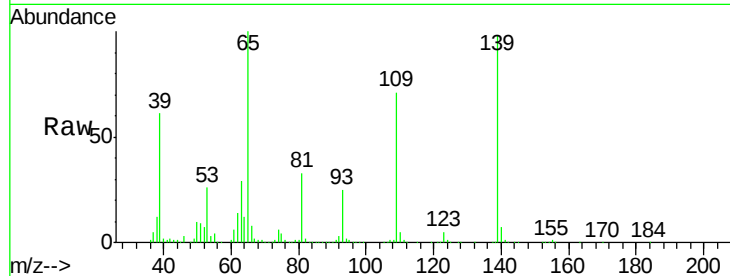
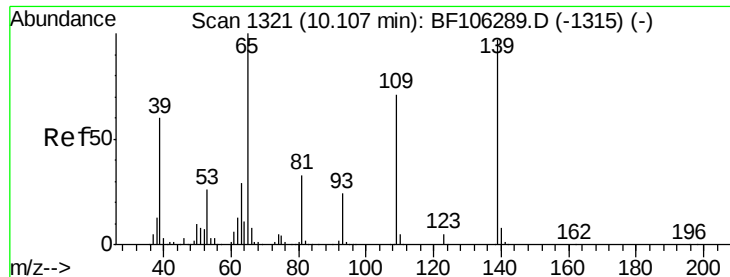
Sohil
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#54
Dibenzofuran
Concen: 39.160 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.9	30.1	45.1
169	15.7	10.9	16.3





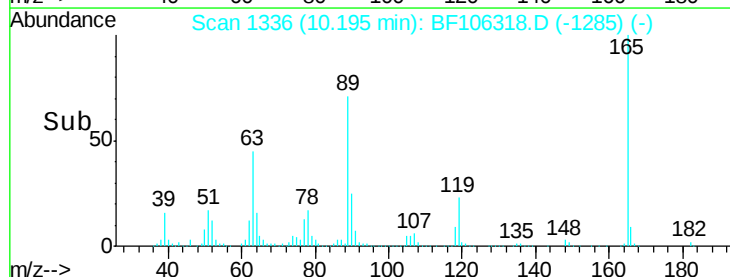
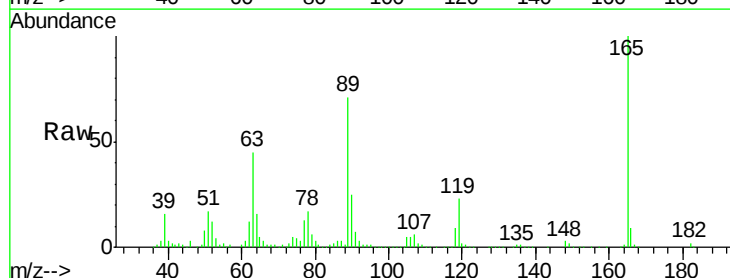
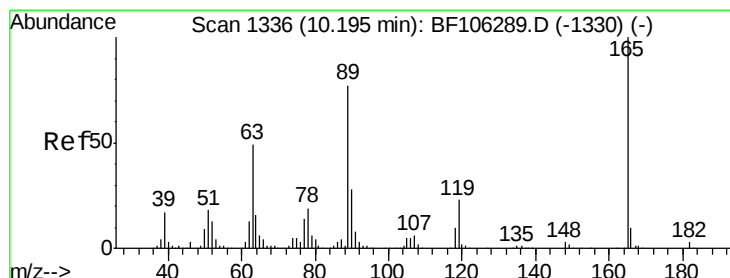
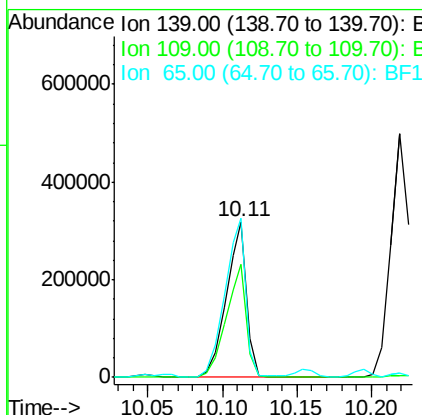
#55
4-Nitrophenol
Concen: 70.263 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.4	48.4	88.4	
65	102.0	72.6	112.6	

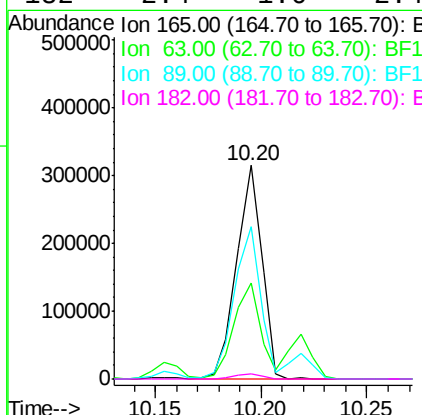
Manual Integrations
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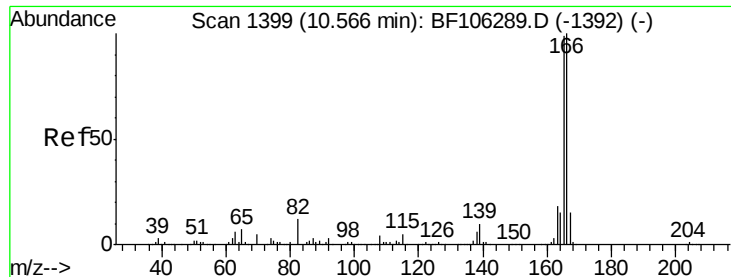
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#56
2,4-Dinitrotoluene
Concen: 43.528 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.3	36.4	54.6	
89	71.4	57.8	86.6	
182	2.4	1.6	2.4	





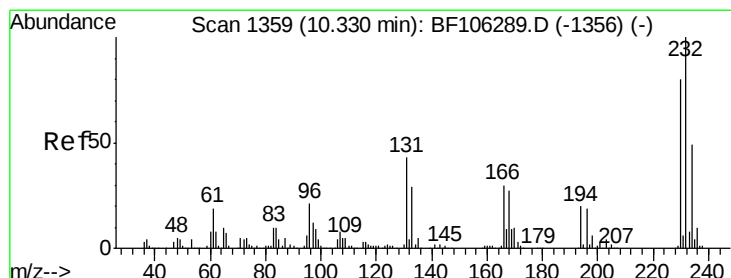
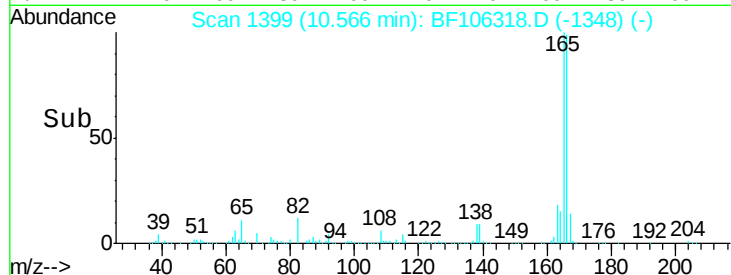
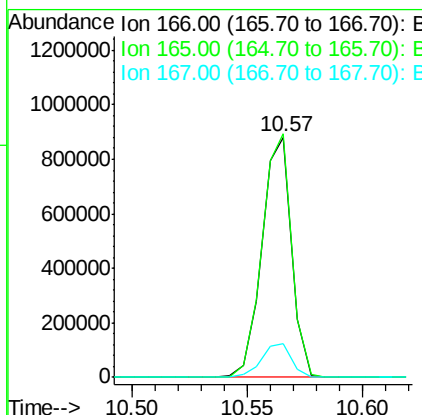
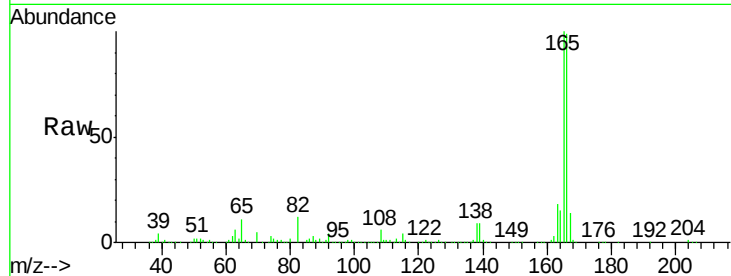
#57
 Fluorene
 Concen: 36.737 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	101.3	79.8	119.8		
167	13.8	10.6	16.0		

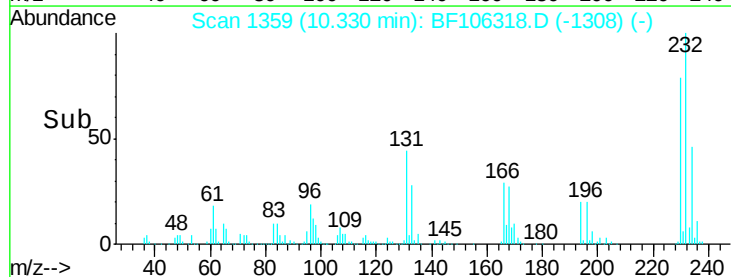
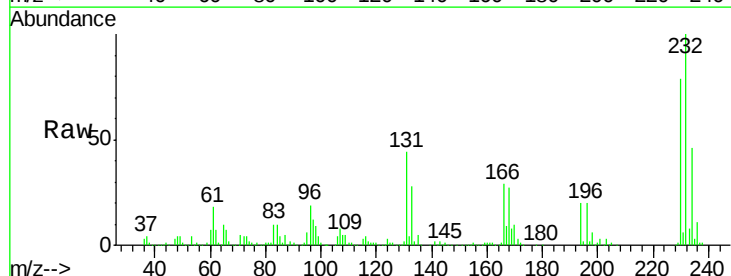
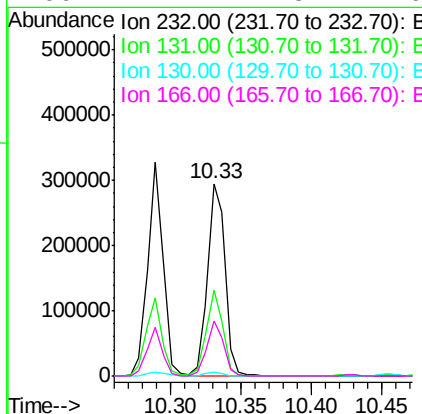
Manual Integrations
 APPROVED

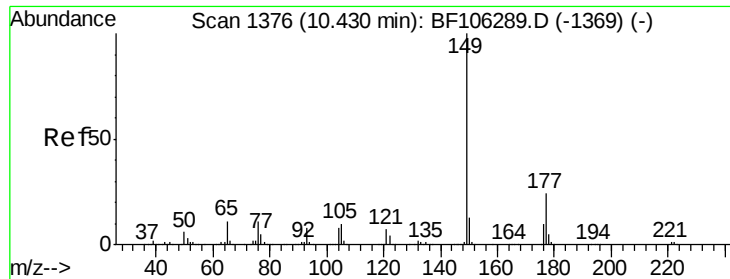
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.850 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	41.3	43.8	65.8#		
130	2.0	2.1	3.1#		
166	27.4	27.8	41.6#		





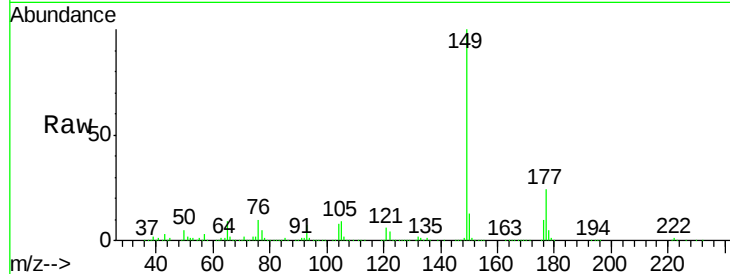
#59
Diethylphthalate
Concen: 40.050 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

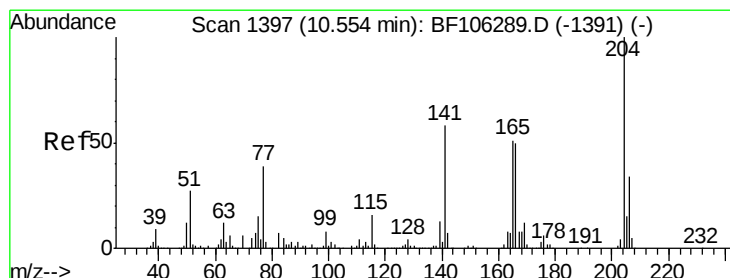
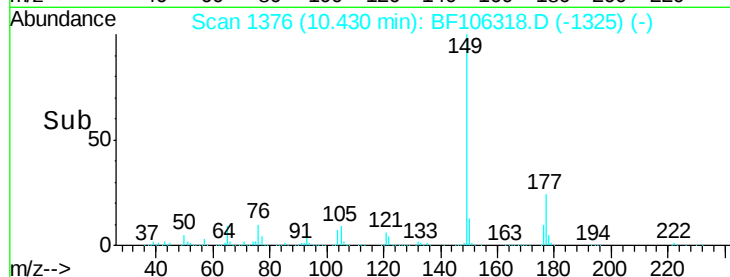
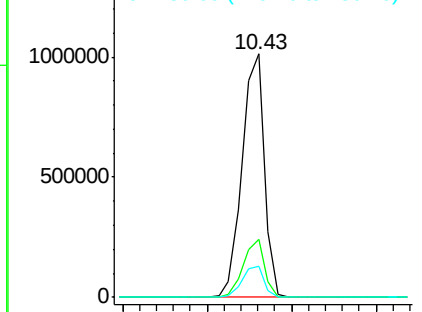
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	16.1	24.1
150	12.9	10.1	15.1

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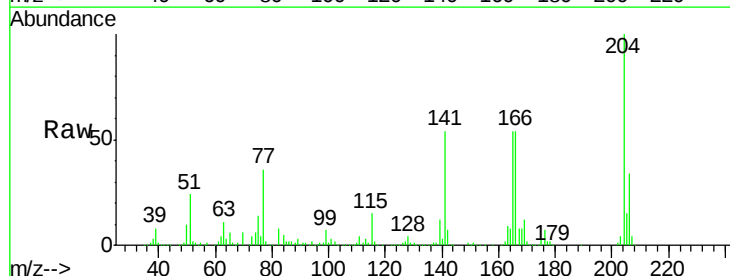


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

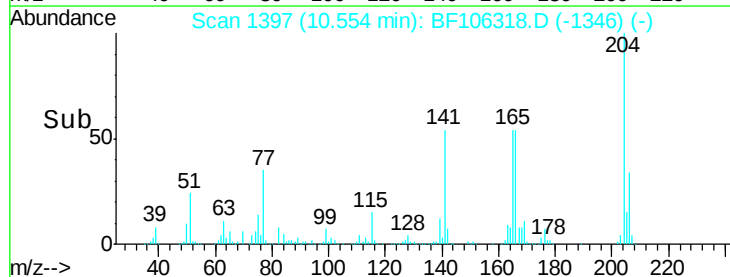
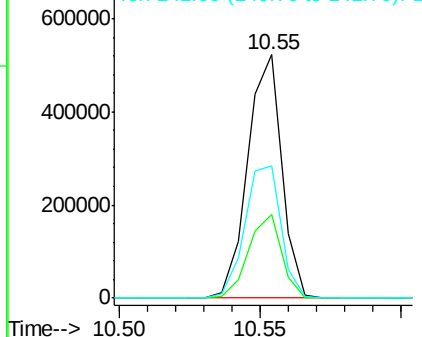


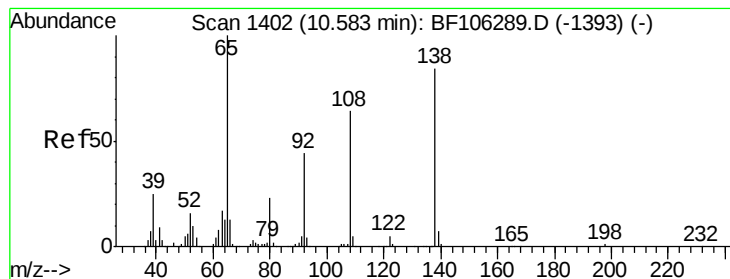
#60
4-Chlorophenyl-phenylether
Concen: 38.775 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.5	39.7
141	54.2	54.6	81.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





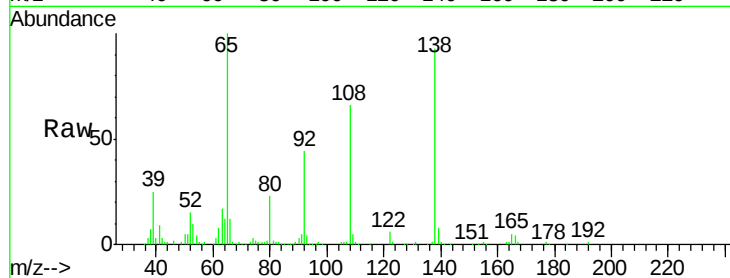
#61
4-Nitroaniline
Concen: 31.218 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.5	30.2	70.2
108	71.0	52.5	92.5

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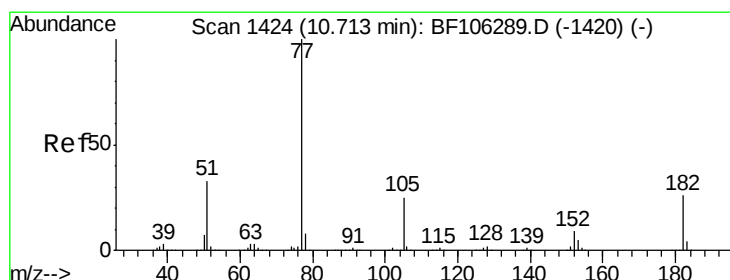
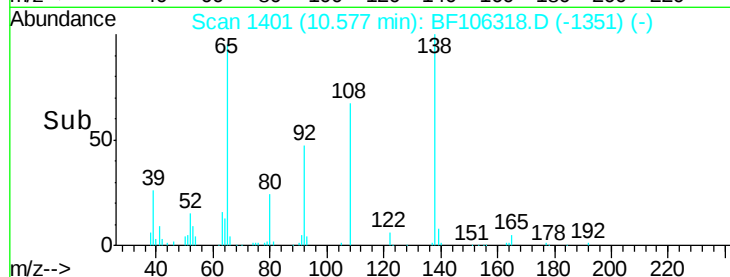
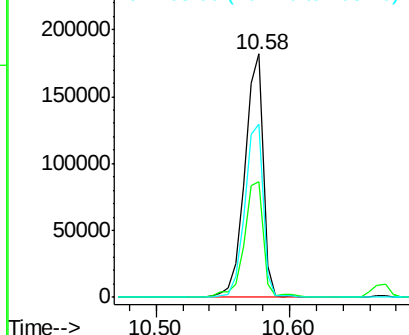


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 37.654 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.9	1.7	41.7
105	25.6	3.0	43.0
51	30.5	9.9	49.9

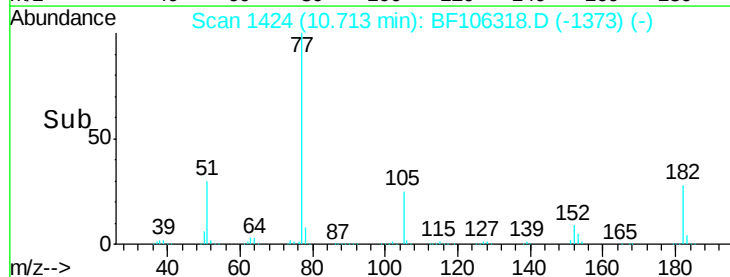
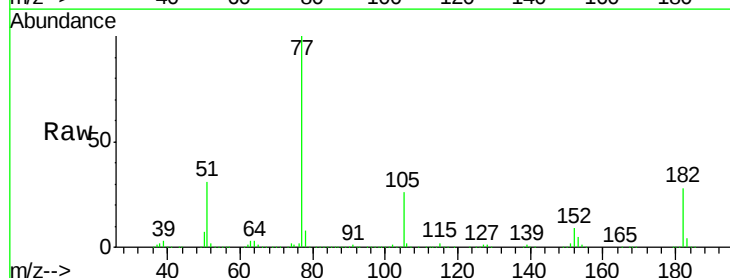
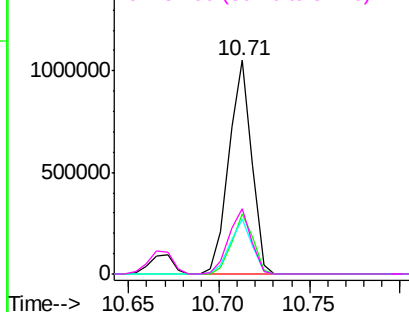
Abundance

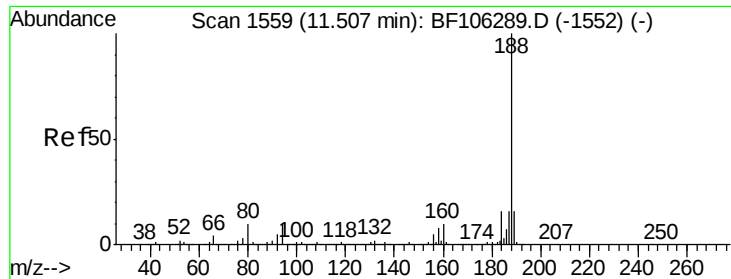
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





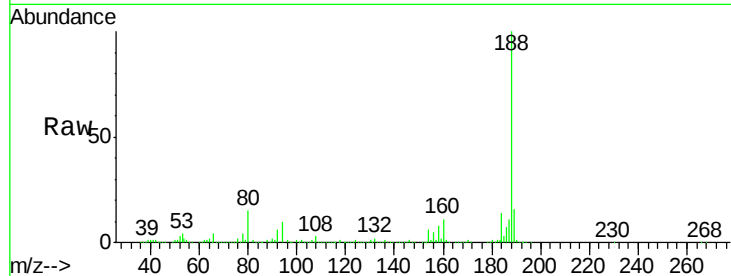
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

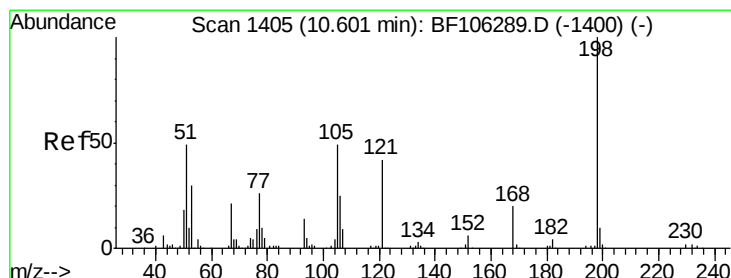
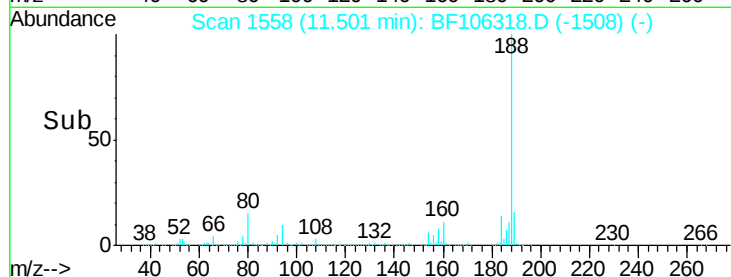
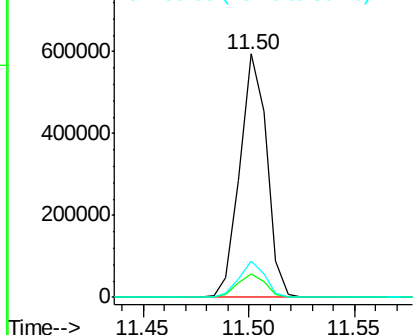
Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	8.5	12.7
80	15.1	9.2	13.8

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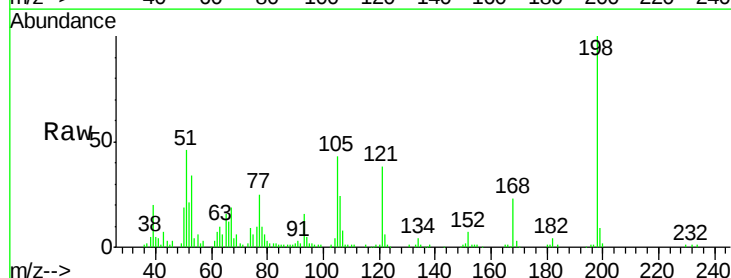


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

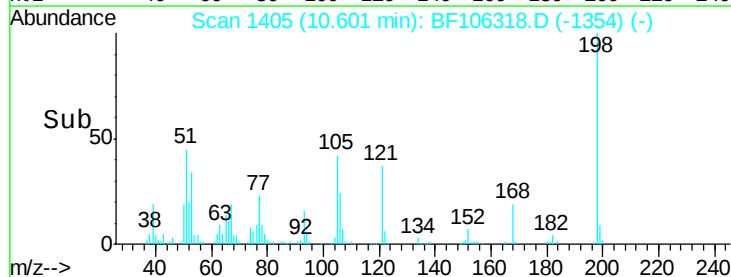
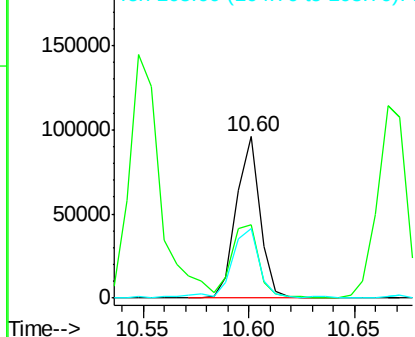


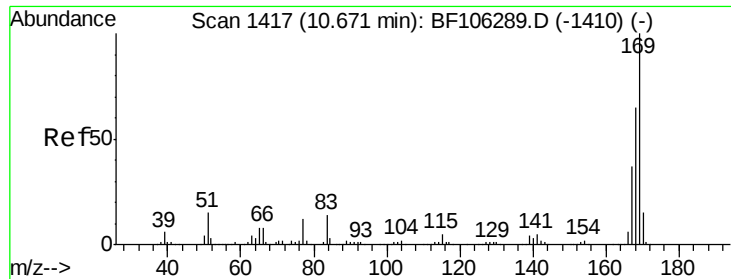
#64
4,6-Dinitro-2-methylphenol
Concen: 29.188 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	45.8	37.7	77.7
105	43.0	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: 43.793 ng

RT: 10.67 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

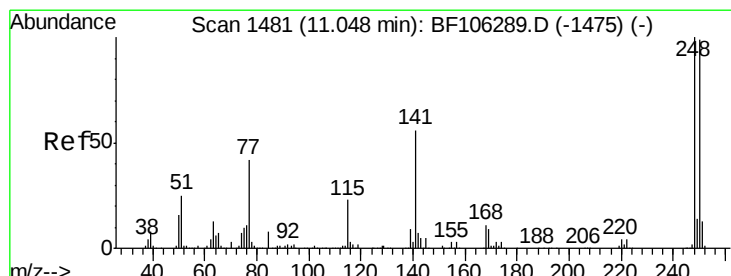
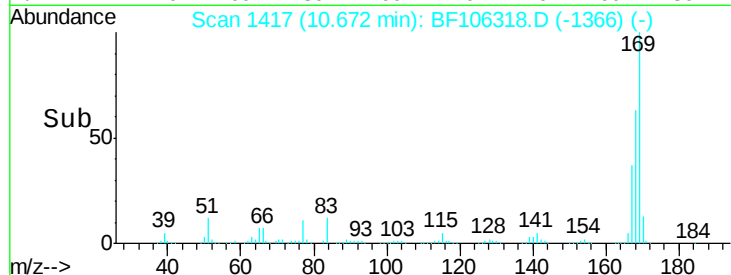
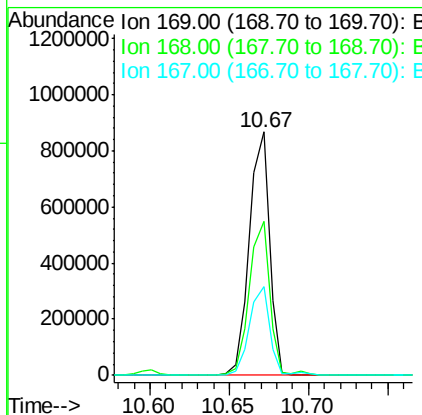
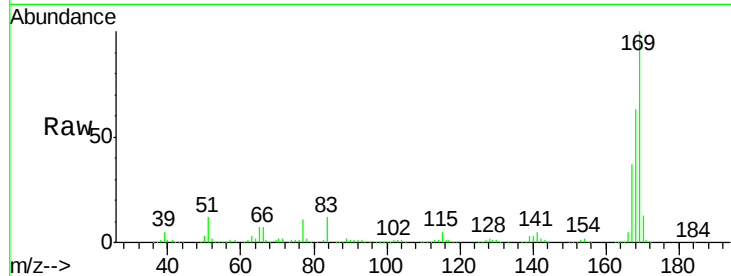
ClientSampleId :

CAS1-SB-02-03-1-27MSD

Tot Ion:	169	Resp:	770127
Ion Ratio	Lower	Upper	
169	100		
168	63.1	54.4	81.6
167	36.5	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 46.811 ng

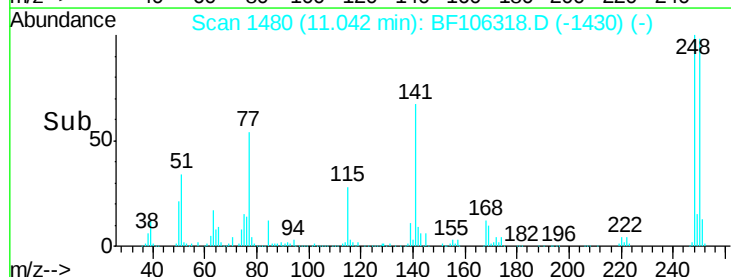
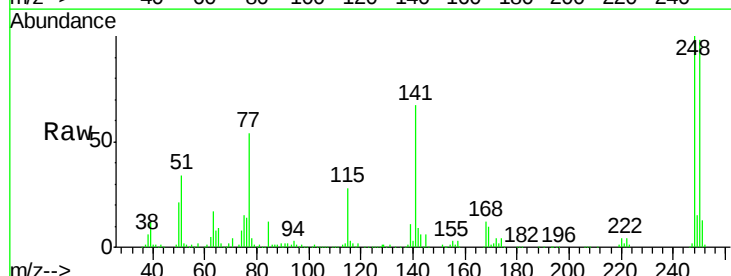
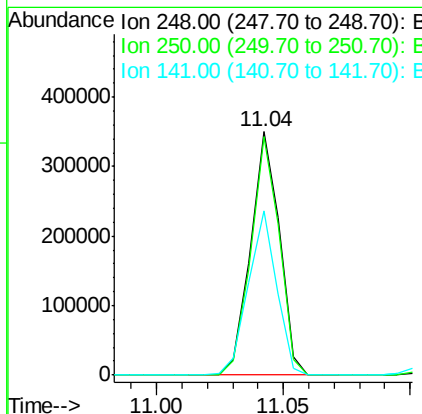
RT: 11.04 min Scan# 1480

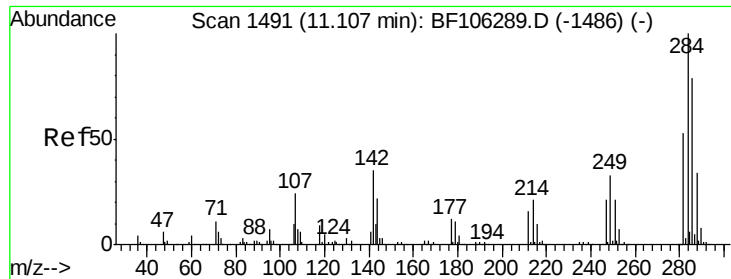
Delta R.T. -0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Tgt Ion:	248	Resp:	278588
Ion Ratio	Lower	Upper	
248	100		
250	97.8	76.9	115.3
141	67.4	74.4	111.6#





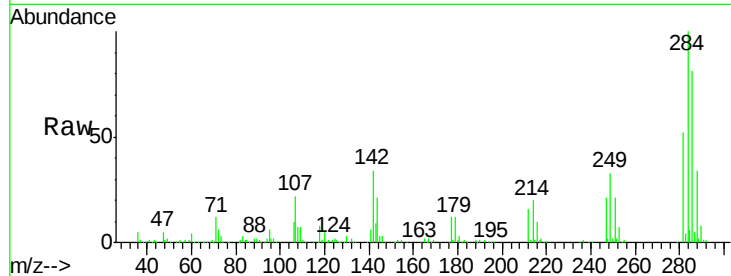
#67
Hexachlorobenzene
Concen: 43.354 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

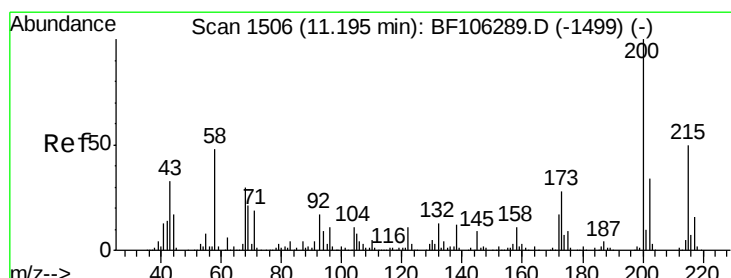
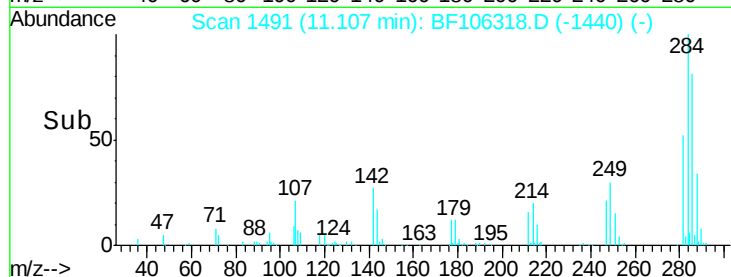
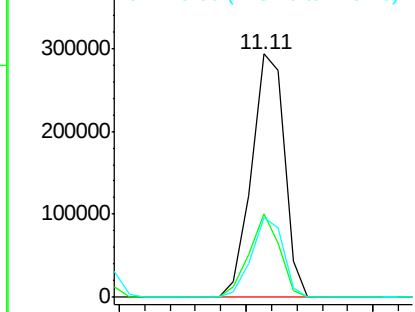
Tot Ion	Ratio	Resp	Lower	Upper
284	100	266003		
142	34.2	34.6	52.0#	
249	32.7	24.8	37.2	

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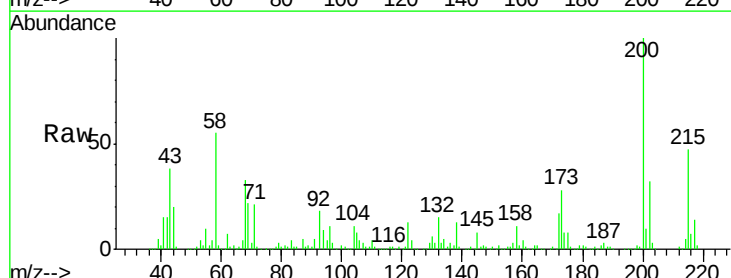


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

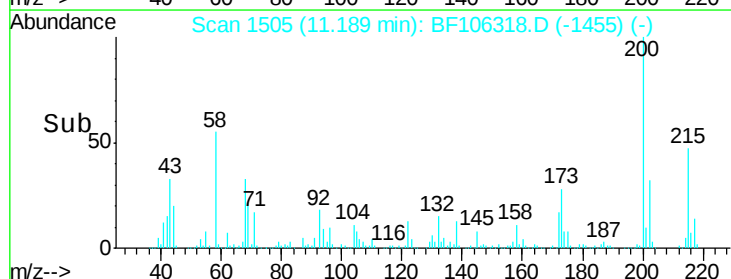
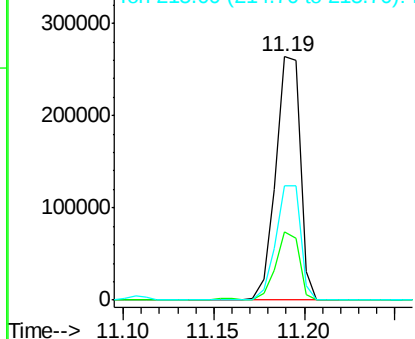


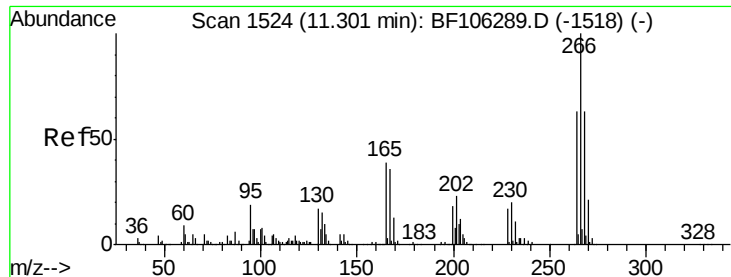
#68
Atrazine
Concen: 45.714 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	247743		
173	28.3	8.6	48.6	
215	46.9	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





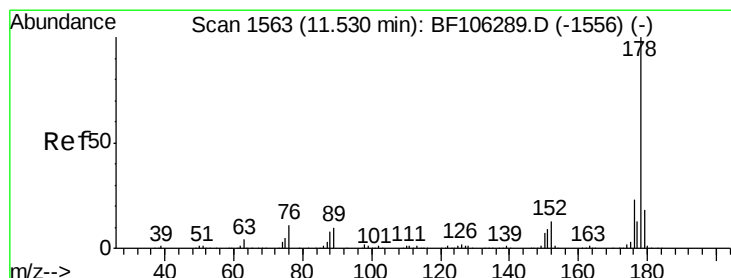
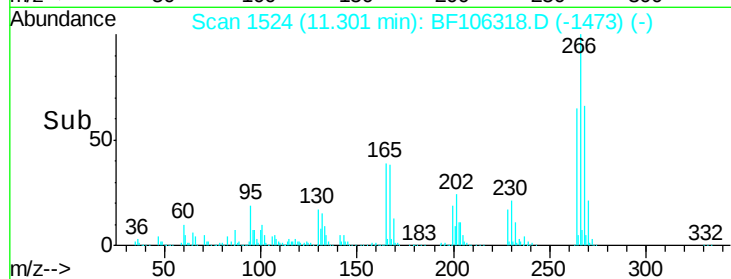
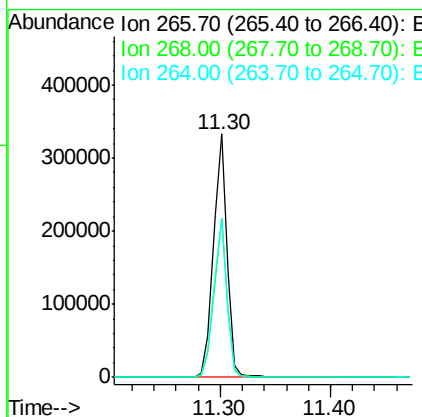
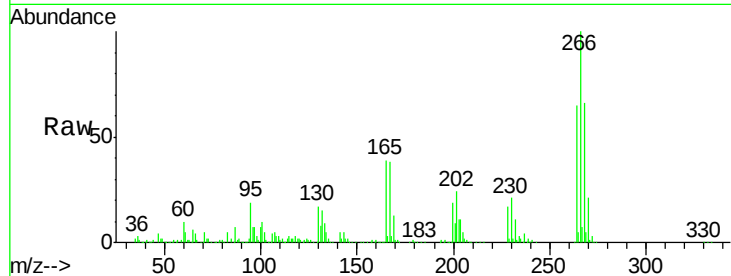
#69
 Pentachlorophenol
 Concen: 74.216 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	65.4	49.5	74.3

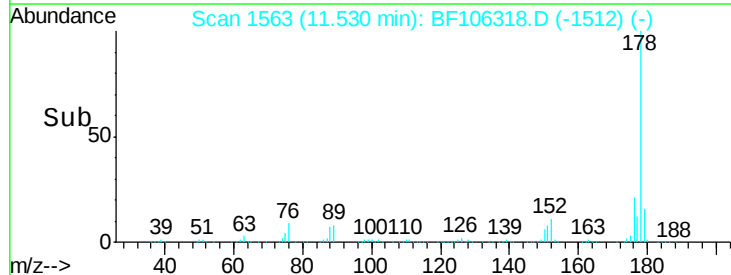
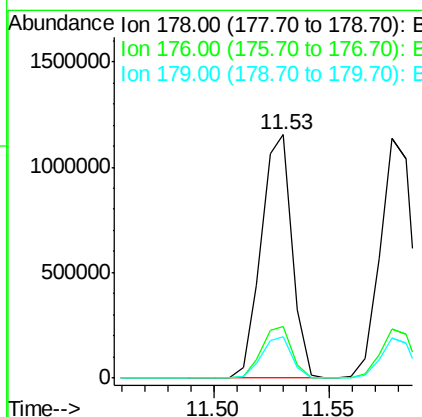
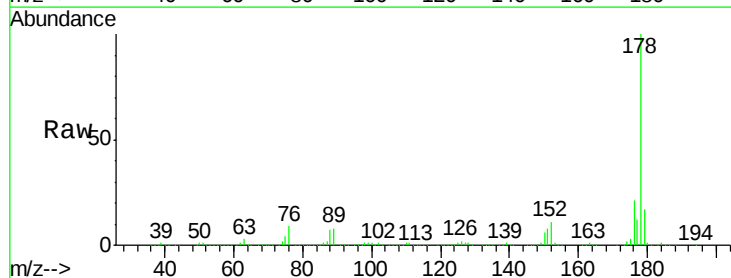
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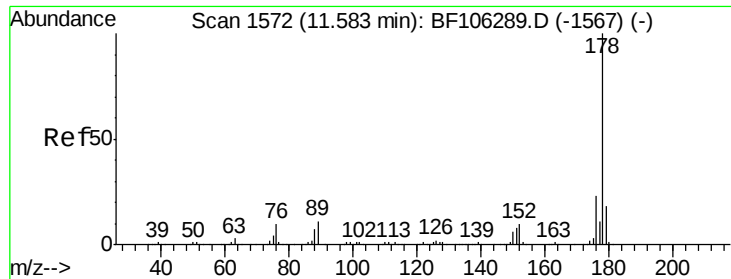
Sohil
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#70
 Phenanthrene
 Concen: 42.019 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.8	23.8
179	16.8	13.0	19.6





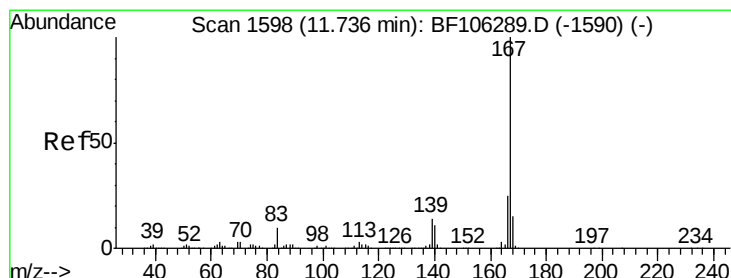
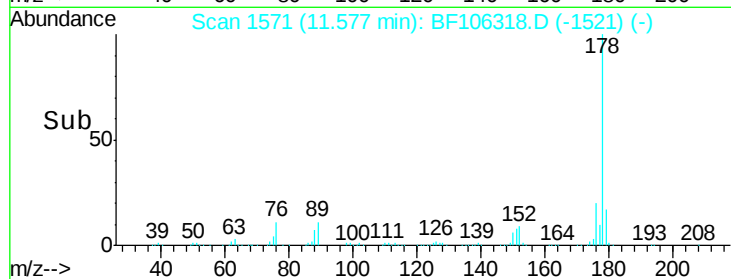
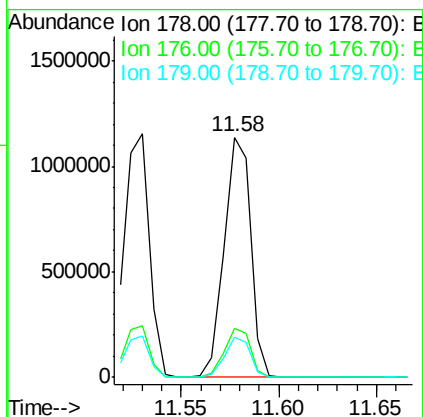
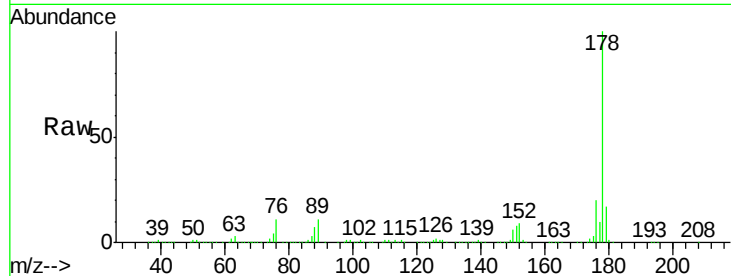
#71
 Anthracene
 Concen: 41.772 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Tot Ion:178 Resp: 1072371
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.4 23.2
 179 16.8 12.6 19.0

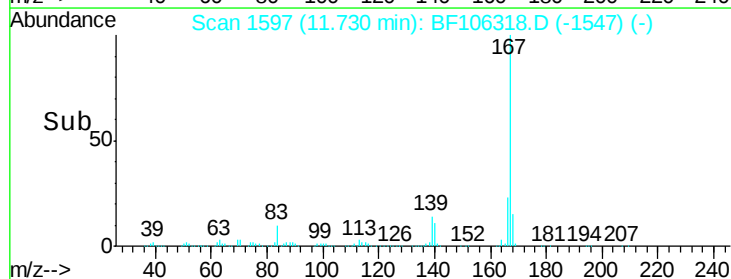
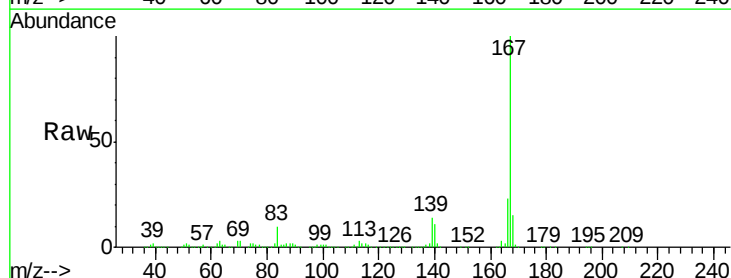
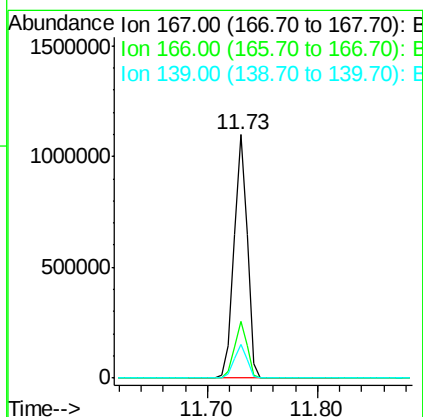
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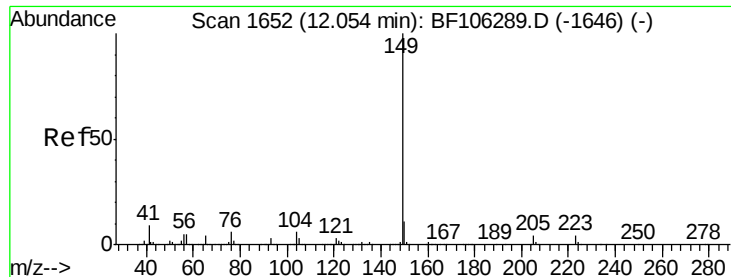
Sohil
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#72
 Carbazole
 Concen: 39.221 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion:167 Resp: 929566
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.6 26.4
 139 14.1 10.9 16.3





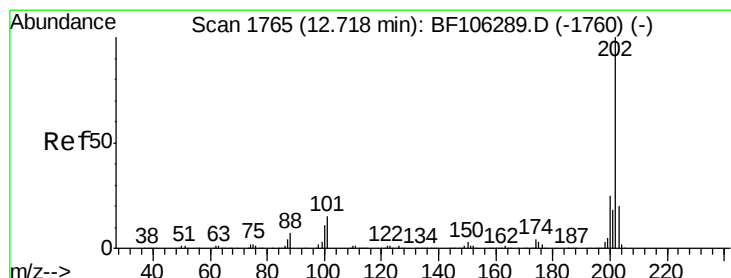
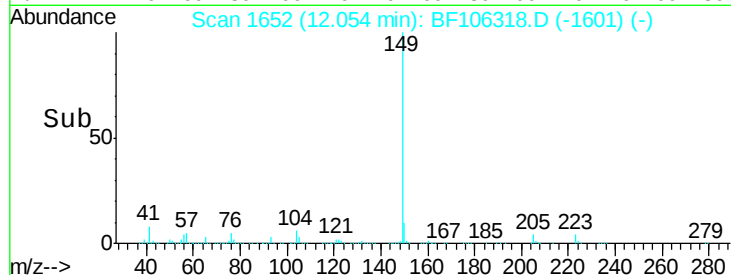
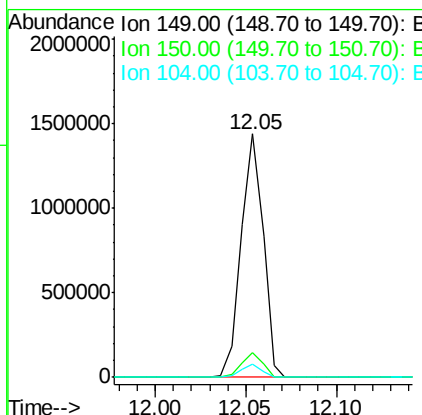
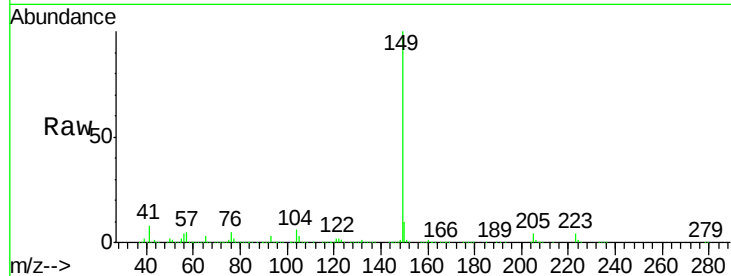
#73
Di-n-butylphthalate
Concen: 46.080 ng
RT: 12.05 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion:149 Resp: 1215509
Ion Ratio Lower Upper
149 100
150 10.3 7.8 11.6
104 5.6 3.8 5.8

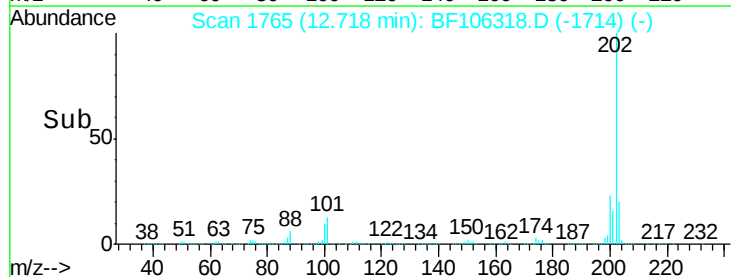
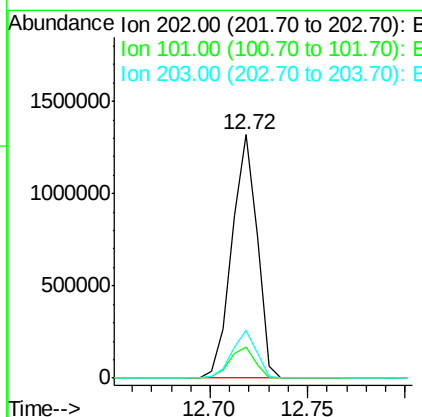
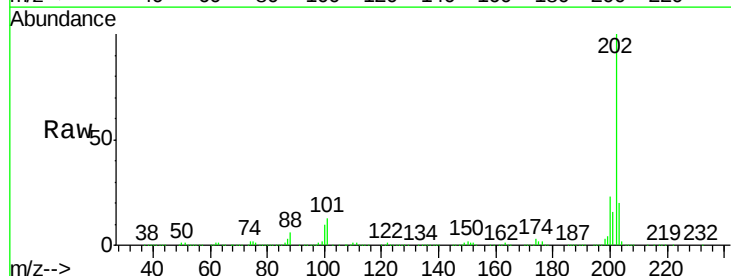
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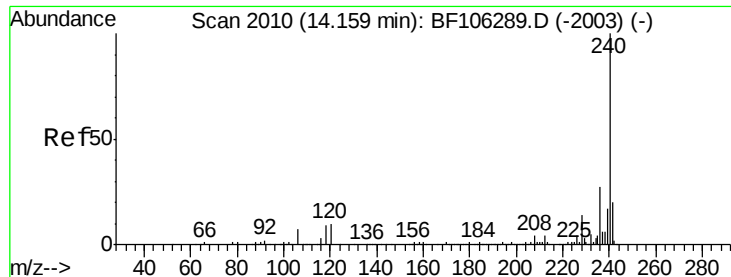
Sohil
6/12/2018 12:58:41 PM



#74
Fluoranthene
Concen: 43.251 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion:202 Resp: 1181980
Ion Ratio Lower Upper
202 100
101 12.8 0.0 34.1
203 19.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

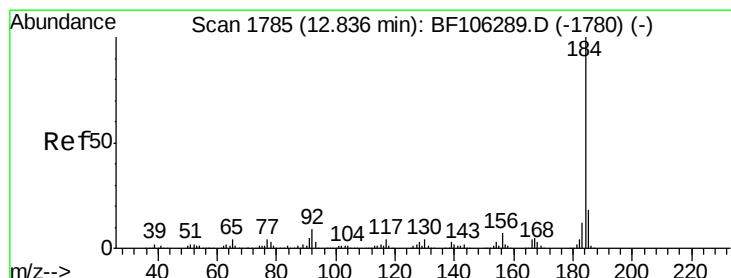
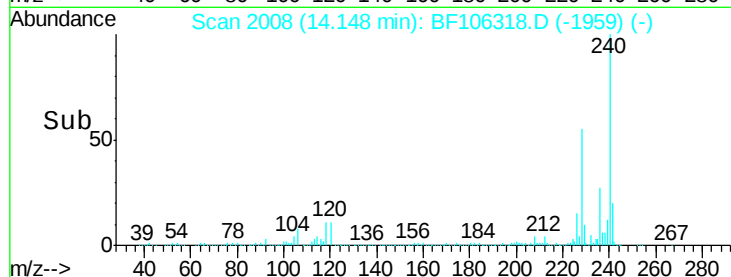
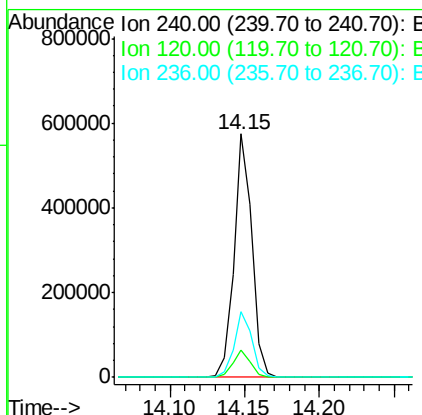
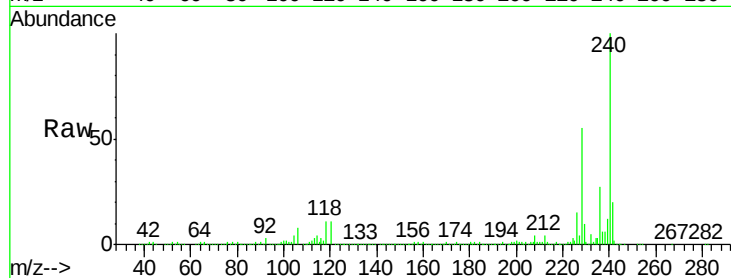
ClientSampleId :

CAS1-SB-02-03-1-27MSD

Tot Ion:	240	Resp:	485843
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.5	14.3
236	27.0	20.7	31.1

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#76

Benzidine

Concen: 42.803 ng

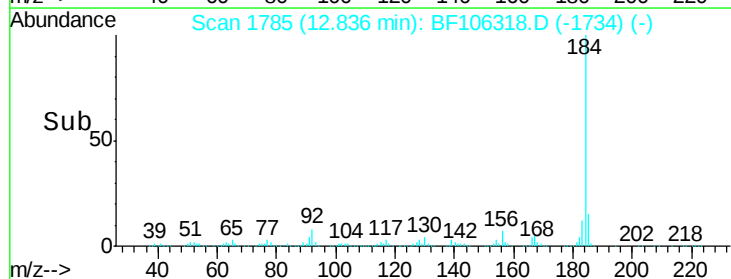
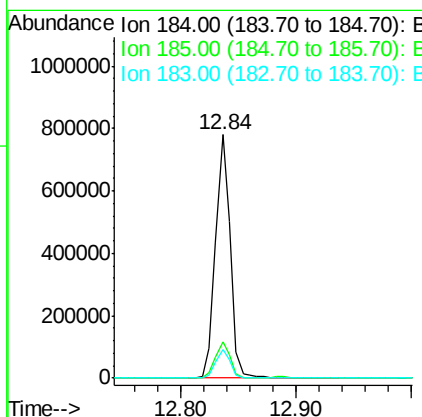
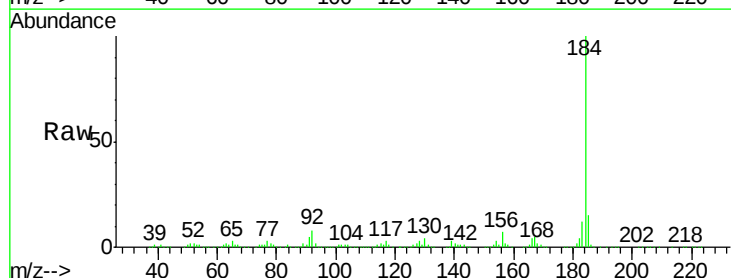
RT: 12.84 min Scan# 1785

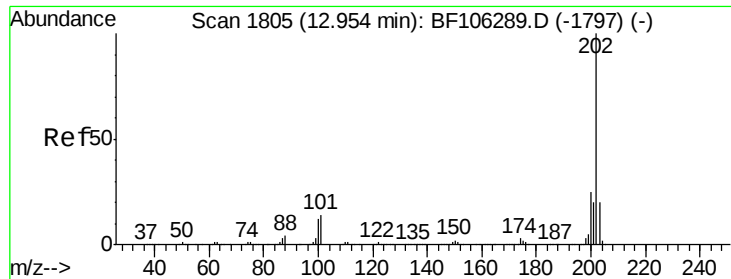
Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Tgt Ion:	184	Resp:	692101
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	18.8
183	11.6	9.3	13.9





#77

Pvrene

Concen: 41.131 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

Tot Ion:202 Resp: 1251062

Ion Ratio Lower Upper

202 100

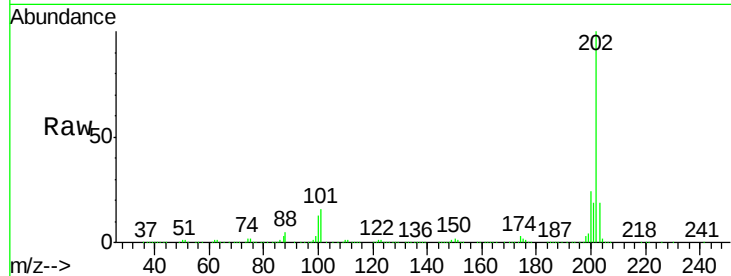
200 23.9 17.4 26.2

203 19.3 14.3 21.5

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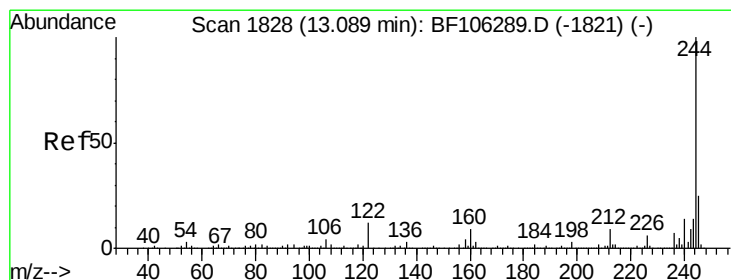
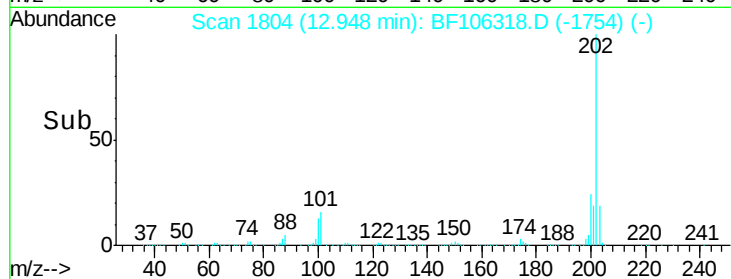
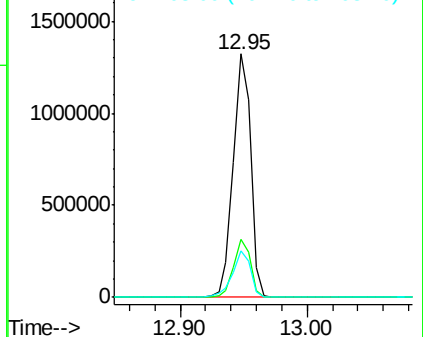
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.723 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Tgt Ion:244 Resp: 1500744

Ion Ratio Lower Upper

244 100

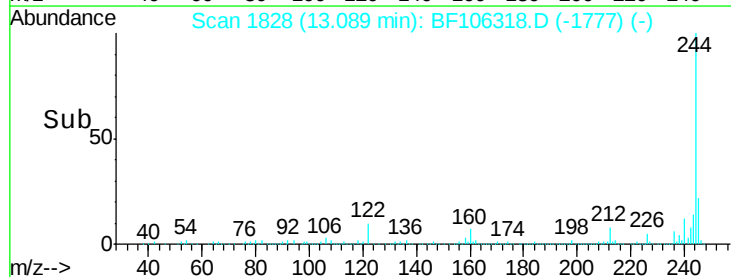
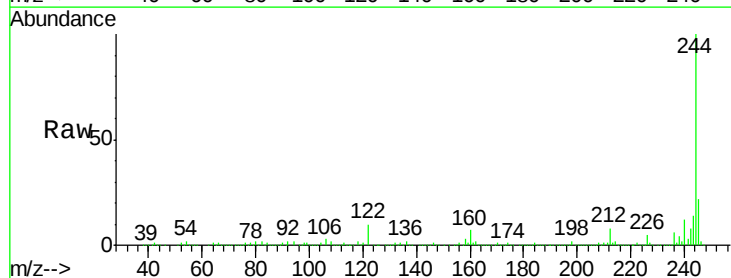
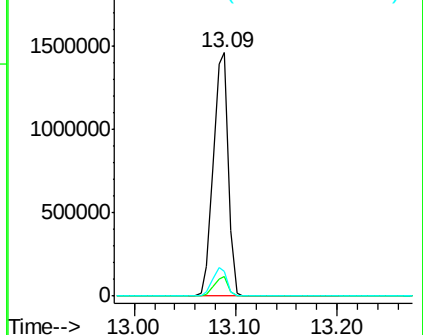
212 7.8 5.4 8.0

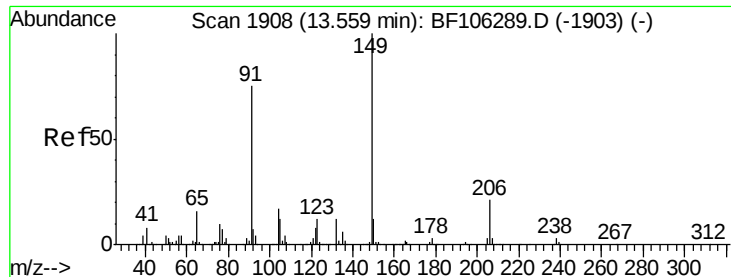
122 10.2 11.0 16.4#

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





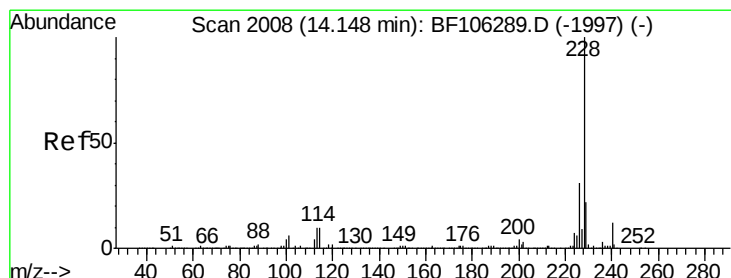
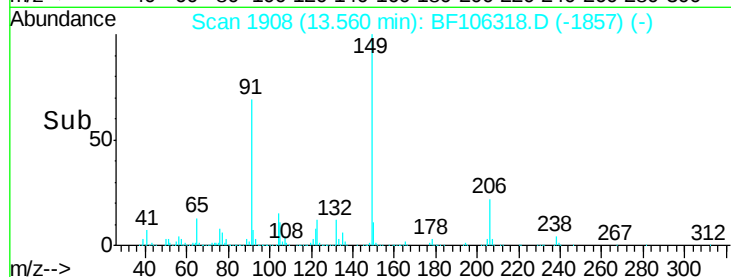
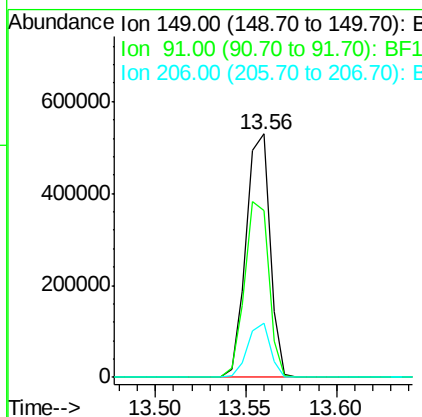
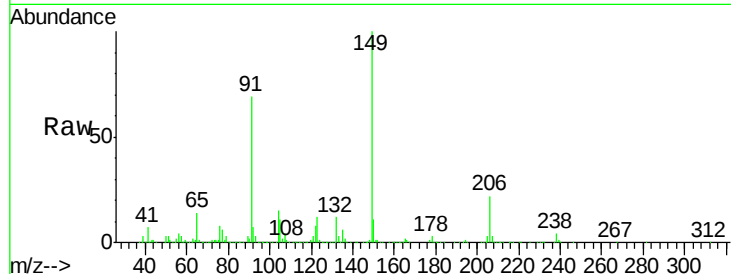
#79
Butylbenzylphthalate
Concen: 42.866 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	56.8	85.2
206	22.4	14.1	21.1

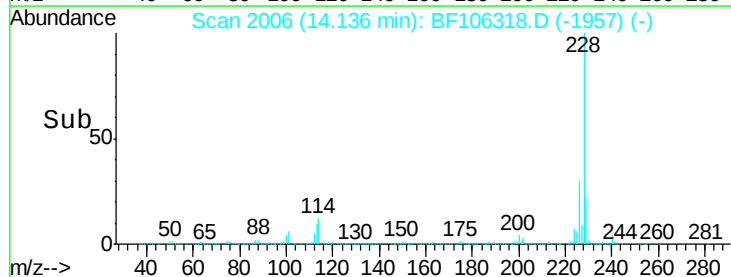
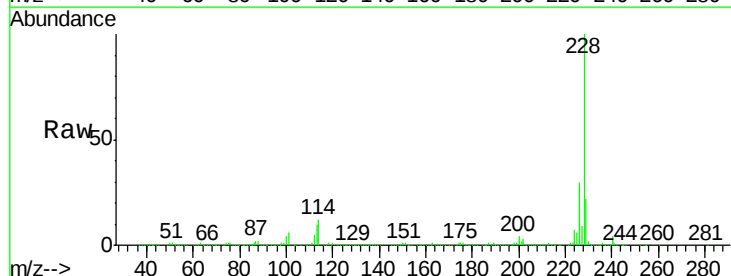
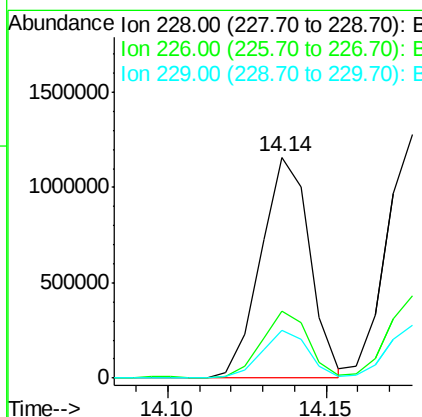
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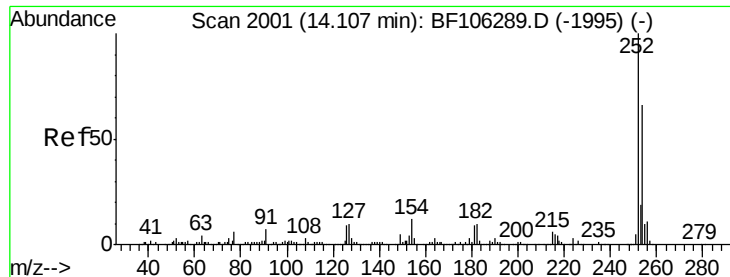
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#80
Benzo(a)anthracene
Concen: 42.749 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	21.9	15.8	23.6





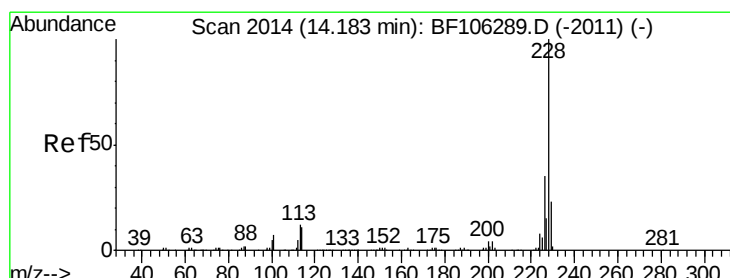
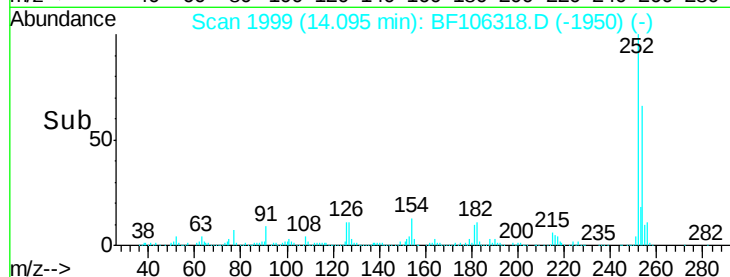
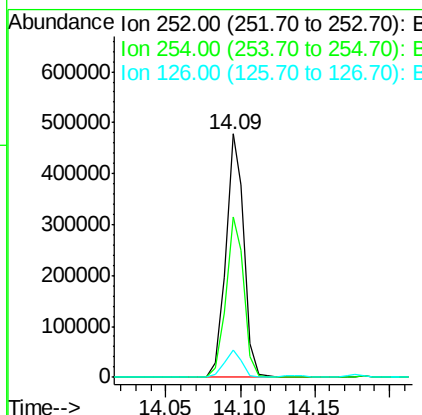
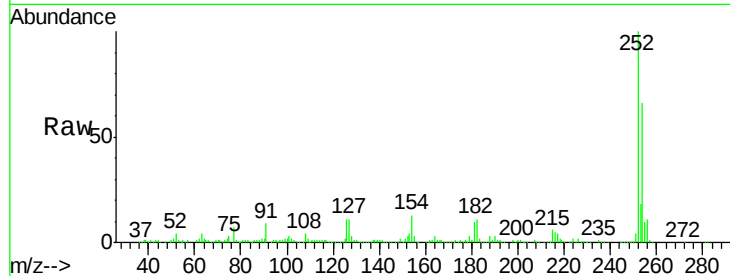
#81
 3,3'-Dichlorobenzidine
 Concen: 42.193 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.4	75.6
126	11.3	11.3	16.9

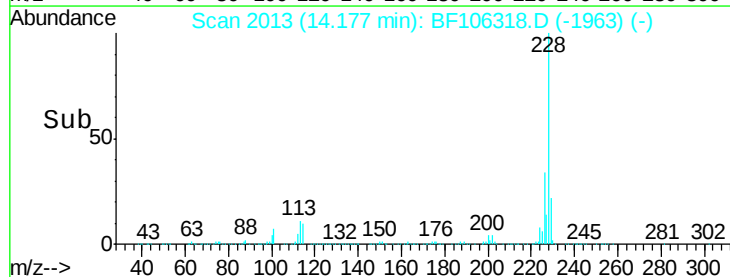
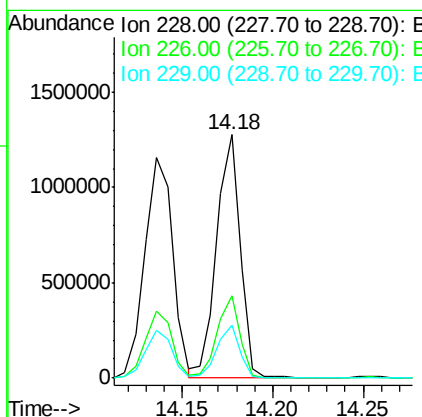
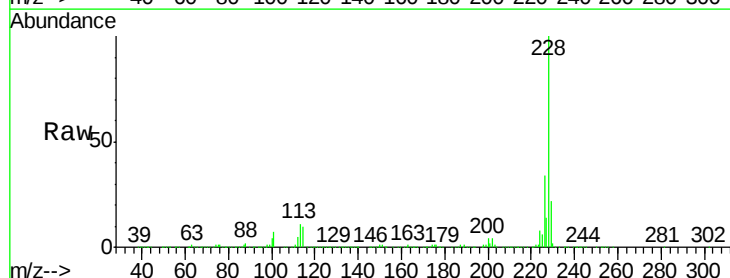
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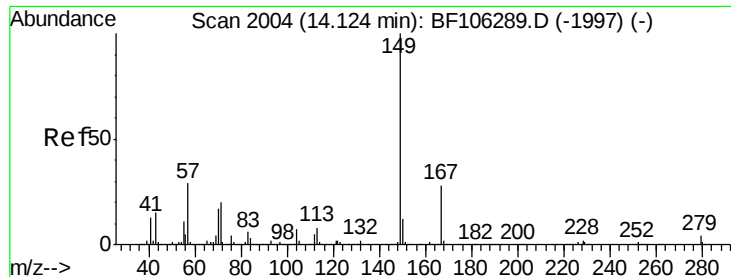
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#82
 Chrysene
 Concen: 43.605 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	25.0	37.6
229	21.6	16.2	24.4





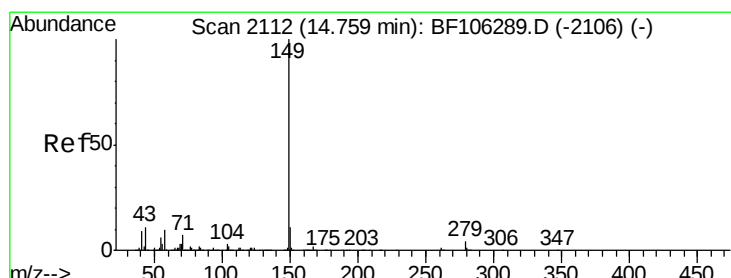
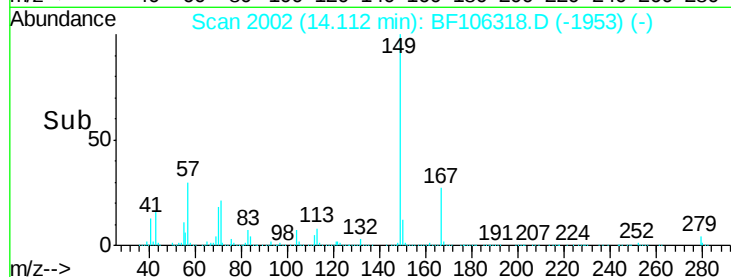
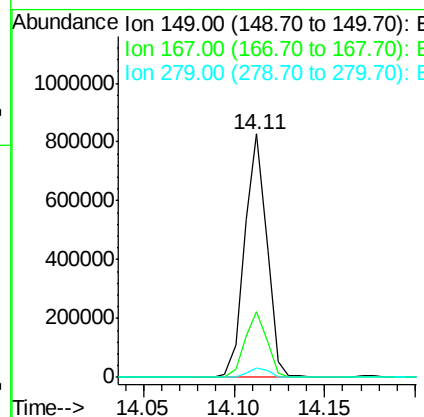
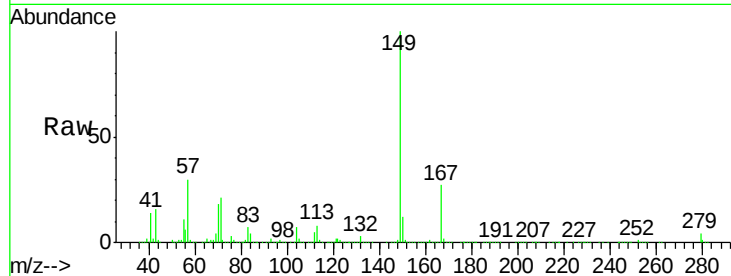
#83
Bis(2-ethylhexyl)phthalate
Concen: 42.890 ng
RT: 14.11 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.7	3.0	4.4

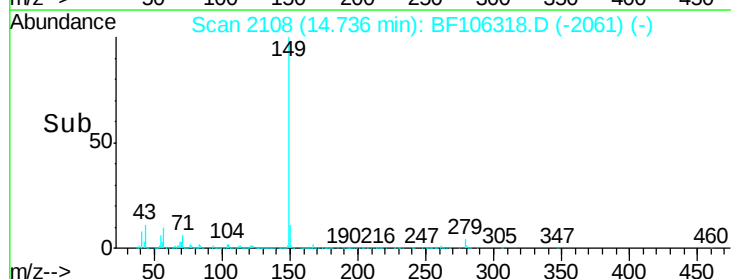
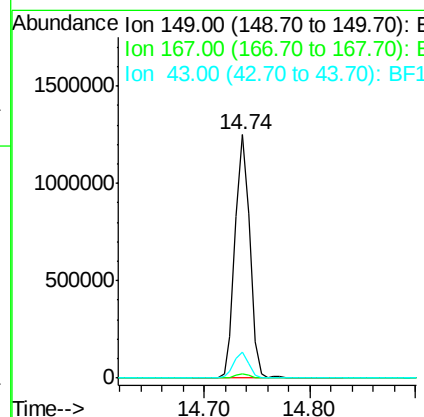
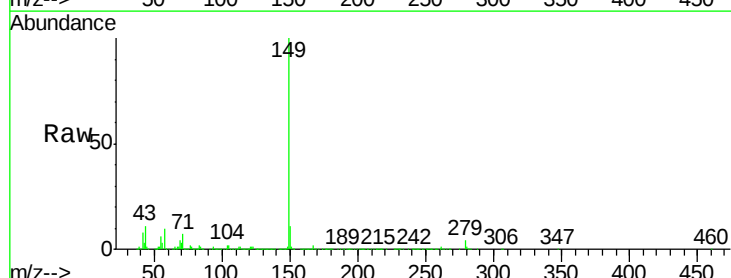
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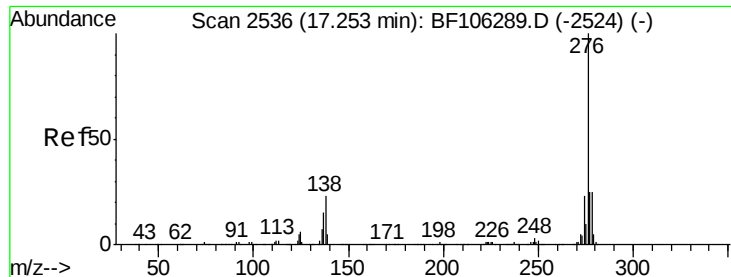
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#84
Di-n-octyl phthalate
Concen: 51.052 ng
RT: 14.74 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.5	8.4	12.6





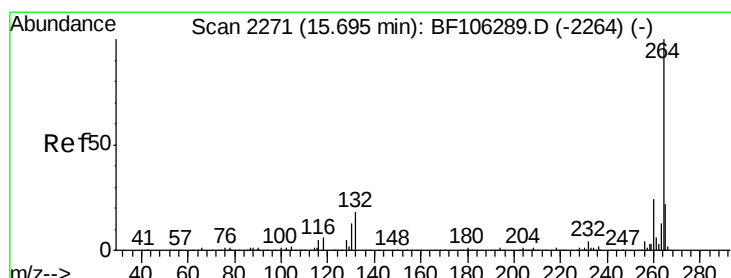
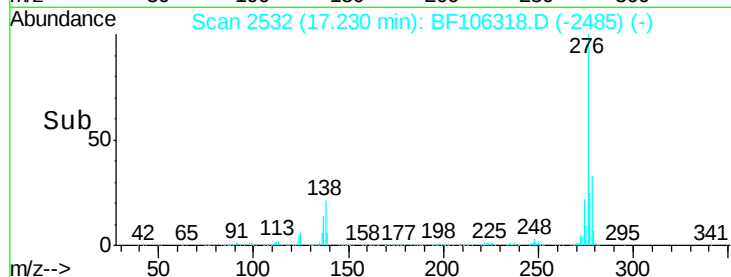
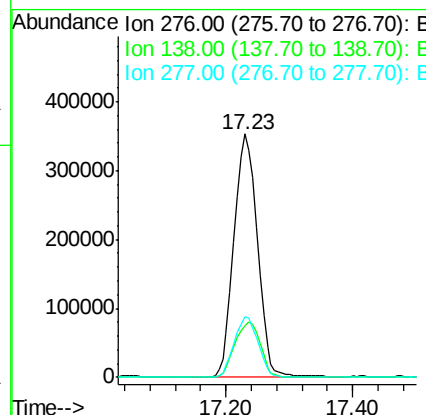
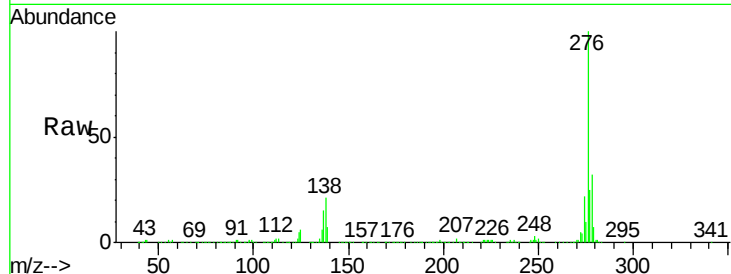
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.889 ng
RT: 17.23 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6#
277	25.5	20.1	30.1

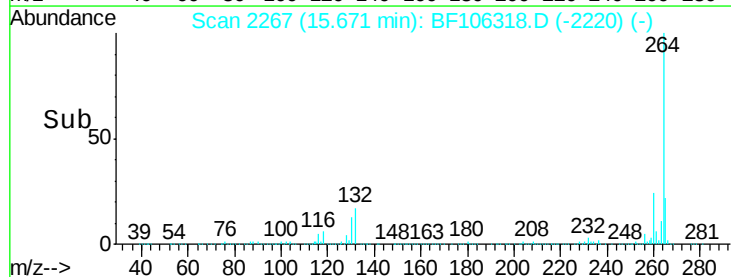
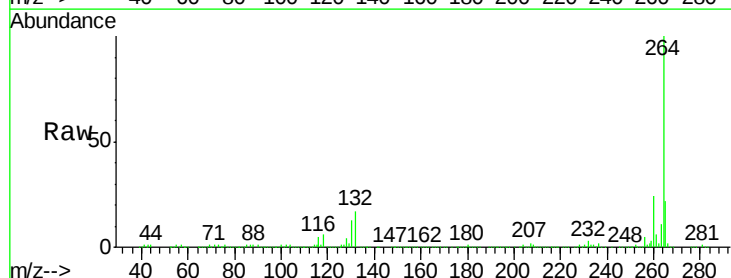
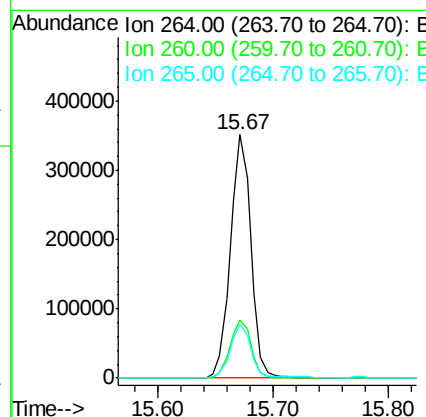
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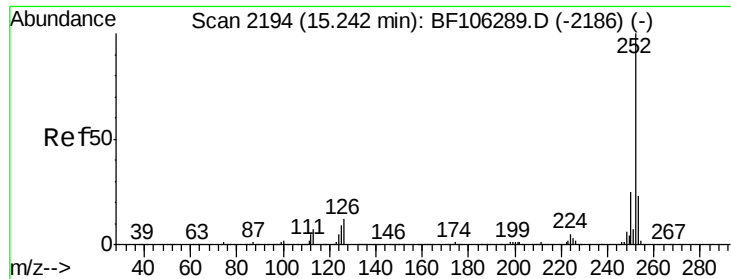
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3





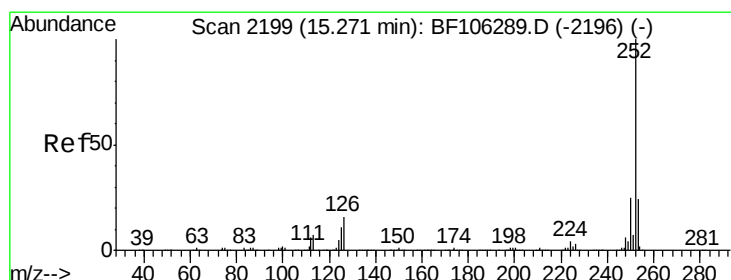
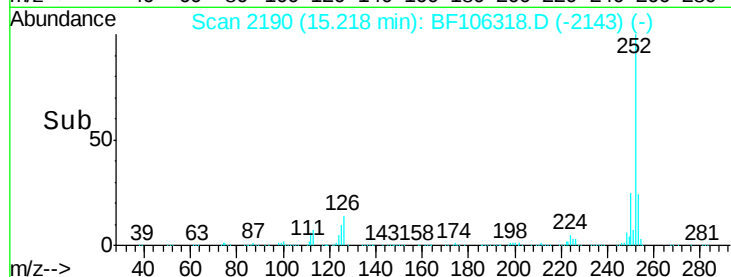
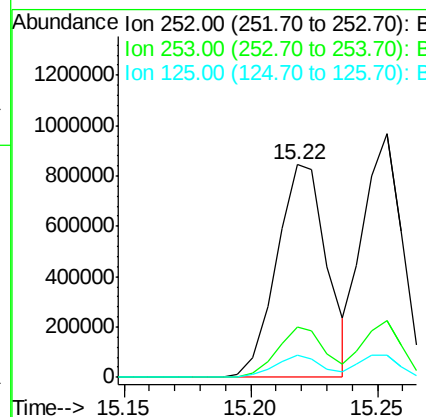
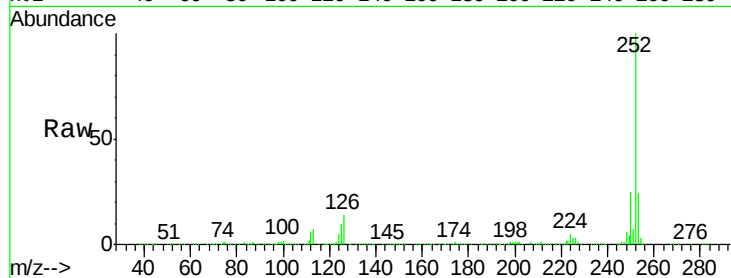
#87
Benzo(b)fluoranthene
Concen: 44.675 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	10.4	9.0	13.6

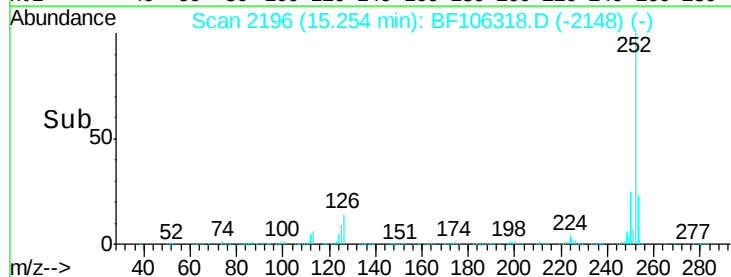
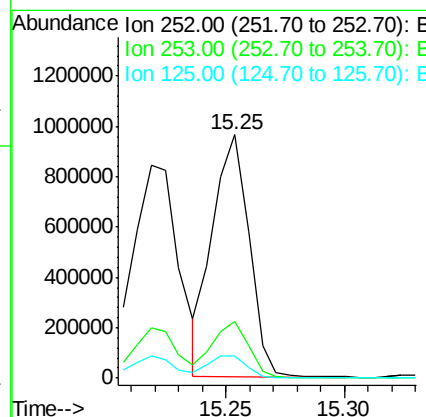
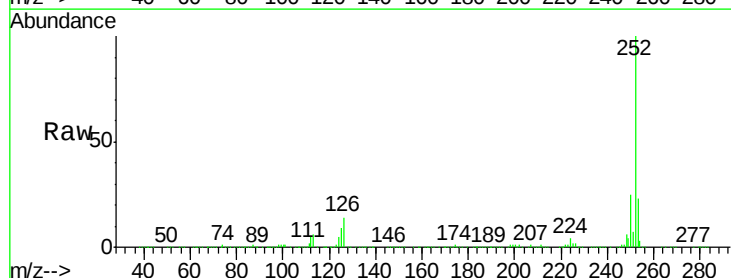
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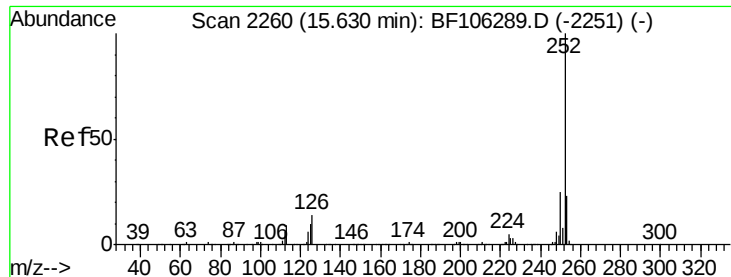
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#88
Benzo(k)fluoranthene
Concen: 40.305 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	9.3	10.2	15.2#





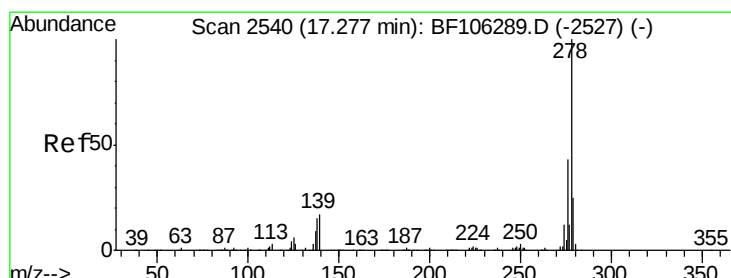
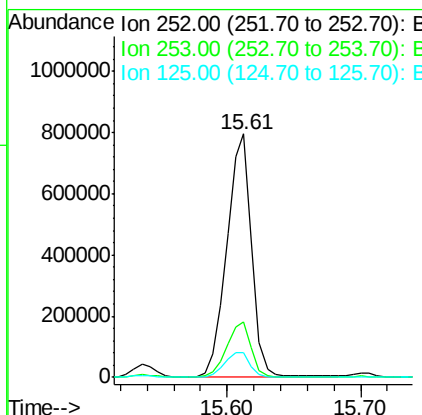
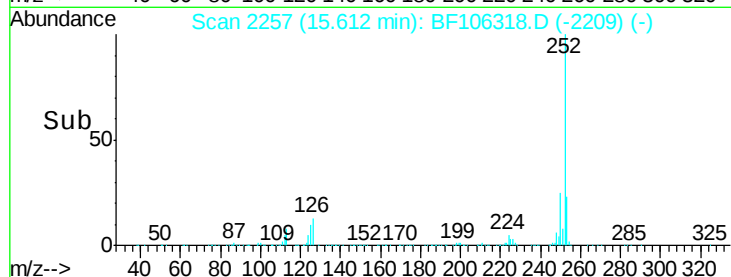
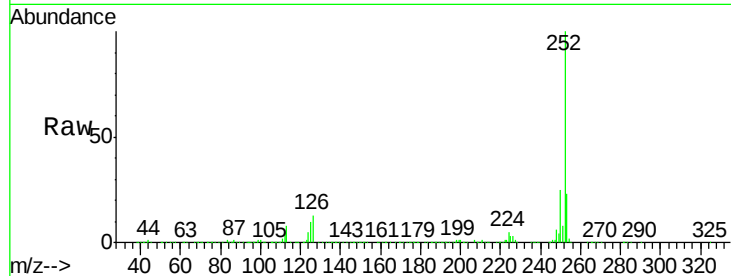
#89
Benzo(a)pyrene
Concen: 44.172 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tot Ion:252 Resp: 1037474
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 10.0 9.8 14.6

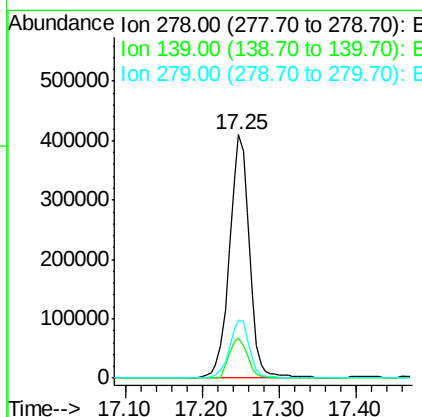
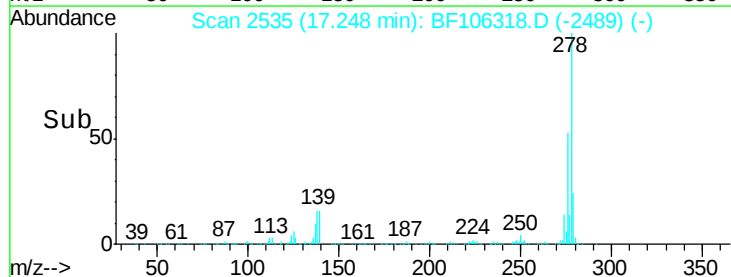
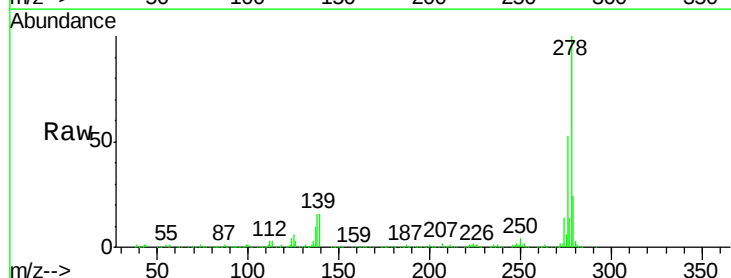
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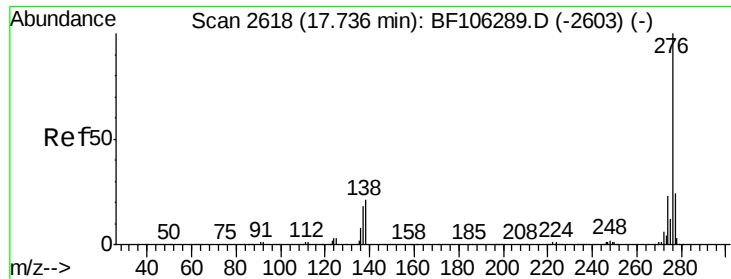
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 37.688 ng
RT: 17.25 min Scan# 2535
Delta R.T. -0.03 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion:278 Resp: 737984
Ion Ratio Lower Upper
278 100
139 16.2 15.9 23.9
279 24.0 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 37.466 ng
 RT: 17.71 min Scan# 2613
 Delta R.T. -0.03 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	21.5	21.8	32.8

Manual Integrations
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 6/12/2018 12:58:41 PM

