

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106947.D
 Acq On : 29 Jun 2018 3:10
 Operator : JU/SJ
 Sample : J3593-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

Manual Integrations
 APPROVED

Sohil
 6/29/2018 2:31:06 PM

Quant Time: Jun 29 06:55:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66536	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	228297	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	93786	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	157744	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	183930	20.00	ng	-0.02
86) Perylene-d12	15.67	264	157916	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	231091	58.81	ng	0.00
7) Phenol-d6	6.60	99	566001	115.35	ng	-0.01
23) Nitrobenzene-d5	7.52	82	397749	96.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	49891	45.90	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	613525	116.13	ng	-0.02
78) Terphenyl-d14	13.07	244	636836	83.87	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	73806	36.535	ng	97
3) Pyridine	3.63	79	215507	39.336	ng	96
4) n-Nitrosodimethylamine	3.61	42	91277	39.226	ng	85
6) Aniline	6.62	93	184373	27.699	ng	# 24
8) 2-Chlorophenol	6.75	128	140153	32.520	ng	97
9) Benzaldehyde	6.51	77	94407	25.626	ng	98
10) Phenol	6.62	94	229451	40.973	ng	# 71
11) bis(2-Chloroethyl)ether	6.69	93	203937	44.113	ng	99
12) 1,3-Dichlorobenzene	6.90	146	234487	46.454	ng	99
13) 1,4-Dichlorobenzene	6.97	146	234987	46.047	ng	98
14) 1,2-Dichlorobenzene	7.12	146	217062	46.412	ng	98
15) Benzyl Alcohol	7.10	79	167806	42.589	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	265221	43.725	ng	63
17) 2-Methylphenol	7.21	107	162972	44.188	ng	# 91
18) Hexachloroethane	7.46	117	72108	40.181	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	130960	40.488	ng	93
20) 3+4-Methylphenols	7.37	107	202850	53.923	ng	90
22) Acetophenone	7.36	105	262480	51.390	ng	98
24) Nitrobenzene	7.54	77	202779	48.349	ng	98
25) Isophorone	7.78	82	356946	49.309	ng	99
26) 2-Nitrophenol	7.85	139	42036	21.231	ng	95
27) 2,4-Dimethylphenol	7.89	122	172086	56.233	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	236429	48.644	ng	98
29) 2,4-Dichlorophenol	8.10	162	104073	32.483	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	189825	53.783	ng	98
31) Naphthalene	8.26	128	535975	50.215	ng	99
33) 4-Chloroaniline	8.31	127	108913	24.319	ng	97
34) Hexachlorobutadiene	8.37	225	123948	53.896	ng	99
35) Caprolactam	8.66	113	45799	43.853	ng	98
36) 4-Chloro-3-methylphenol	8.80	107	154156	45.712	ng	98
37) 2-Methylnaphthalene	8.95	142	368983	52.155	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	190160	60.207	ng	# 95
40) Hexachlorocyclopentadiene	9.10	237	19179	11.802	ng	96
42) 2,4,6-Trichlorophenol	9.24	196	16495	7.857	ng	97

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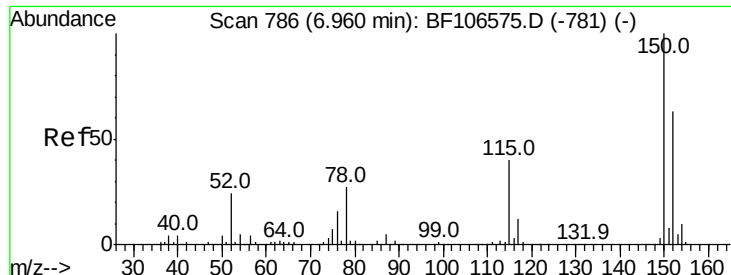
Sohil
 6/29/2018 2:31:06 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.28	196	40089	18.299	ng	# 86
45) 1,1'-Biphenyl	9.41	154	421044	56.332	ng	98
46) 2-Chloronaphthalene	9.44	162	302989	51.499	ng	96
47) 2-Nitroaniline	9.54	65	90564	45.777	ng	97
48) Acenaphthylene	9.86	152	453206	48.792	ng	99
49) Dimethylphthalate	9.71	163	427181	60.730	ng	98
50) 2,6-Dinitrotoluene	9.78	165	76621	51.441	ng	# 80
51) Acenaphthene	10.03	154	270265	46.206	ng	98
52) 3-Nitroaniline	9.95	138	71088	41.475	ng	98
54) Dibenzofuran	10.20	168	412224	51.468	ng	97
55) 4-Nitrophenol	10.15	139	2447m	2.045	ng	
56) 2,4-Dinitrotoluene	10.18	165	91496	47.061	ng	# 90
57) Fluorene	10.54	166	304753	47.950	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	7782m	4.469	ng	
59) Diethylphthalate	10.40	149	307887	45.350	ng	# 94
60) 4-Chlorophenyl-phenylether	10.53	204	161711	48.629	ng	# 86
61) 4-Nitroaniline	10.57	138	72471	42.604	ng	96
62) Azobenzene	10.69	77	269680	40.338	ng	95
65) n-Nitrosodiphenylamine	10.65	169	262659	49.504	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	102128	54.249	ng	# 78
67) Hexachlorobenzene	11.10	284	104141	52.853	ng	# 81
68) Atrazine	11.18	200	89090	52.819	ng	94
69) Pentachlorophenol	11.30	266	3004	3.055	ng	95
70) Phenanthrene	11.51	178	409606	53.837	ng	99
71) Anthracene	11.57	178	422769	54.440	ng	100
72) Carbazole	11.72	167	384928	52.942	ng	98
73) Di-n-butylphthalate	12.03	149	397727	46.433	ng	100
74) Fluoranthene	12.71	202	494187	58.931	ng	96
76) Benzidine	12.83	184	248711	47.480	ng	97
77) Pyrene	12.94	202	508100	41.892	ng	100
79) Butylbenzylphthalate	13.54	149	189705	38.041	ng	# 96
80) Benzo(a)anthracene	14.13	228	551066	49.158	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	169272	42.964	ng	# 97
82) Chrysene	14.17	228	514265	49.865	ng	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	254136	39.861	ng	# 98
84) Di-n-octyl phthalate	14.71	149	498194	47.939	ng	95
85) Indeno(1,2,3-cd)pyrene	17.25	276	400439	45.754	ng	# 89
87) Benzo(b)fluoranthene	15.22	252	542741	55.327	ng	# 96
88) Benzo(k)fluoranthene	15.25	252	442949	47.416	ng	# 96
89) Benzo(a)pyrene	15.61	252	449506	51.546	ng	# 96
90) Dibenzo(a,h)anthracene	17.26	278	340162	46.026	ng	# 93
91) Benzo(g,h,i)perylene	17.72	276	322098	44.589	ng	# 88

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



#1

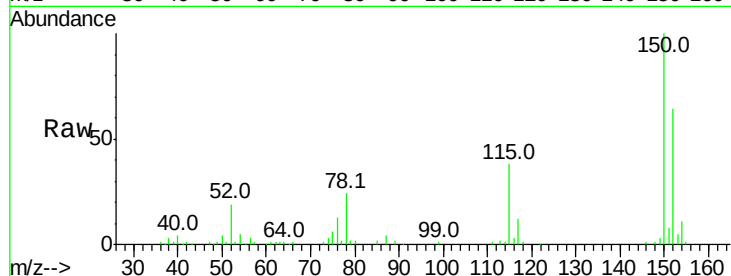
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

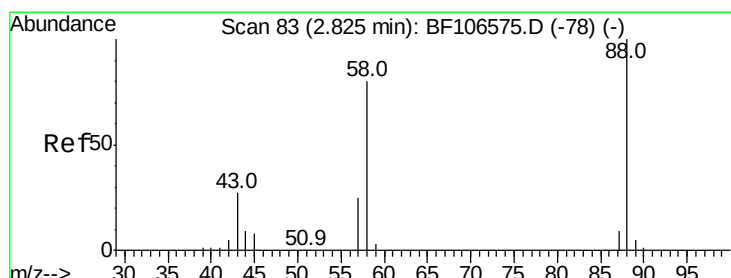
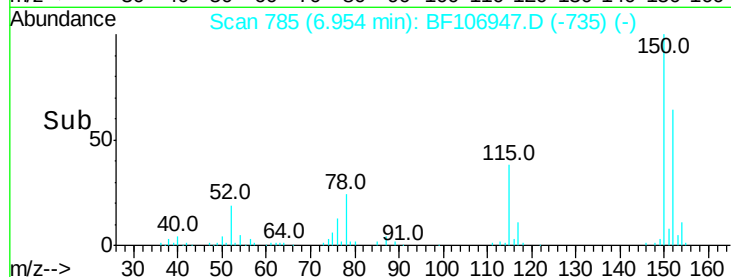
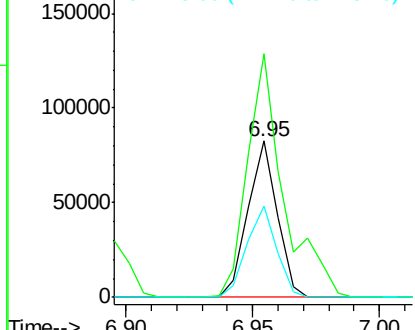
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	58.8	50.1	75.1

Manual Integrations
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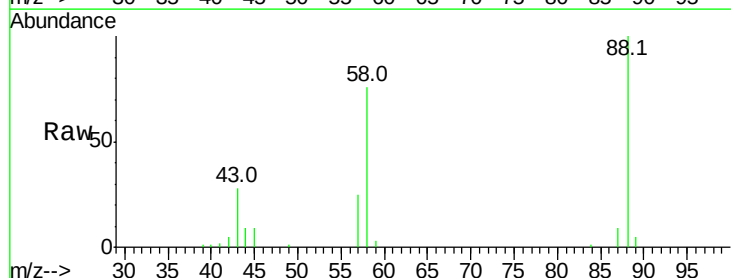
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



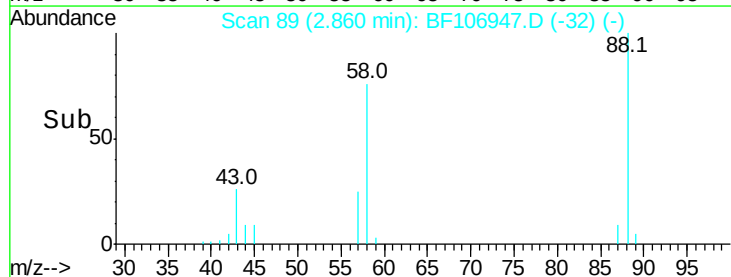
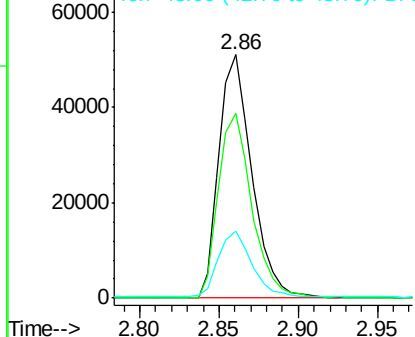
#2

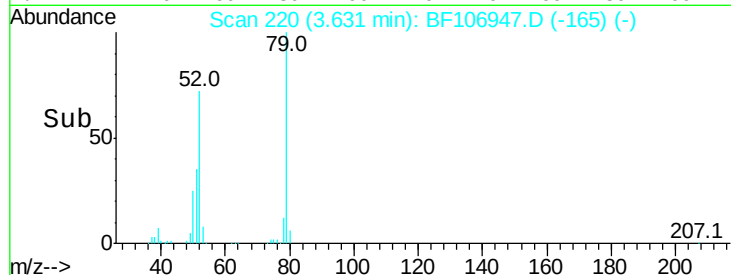
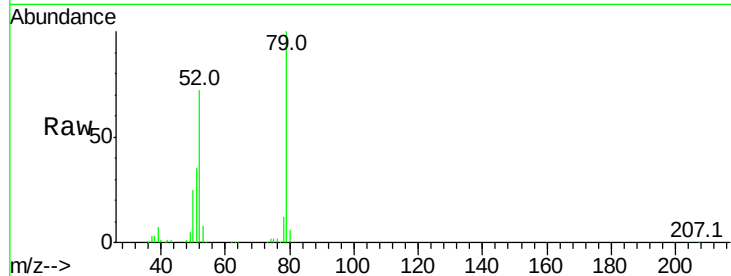
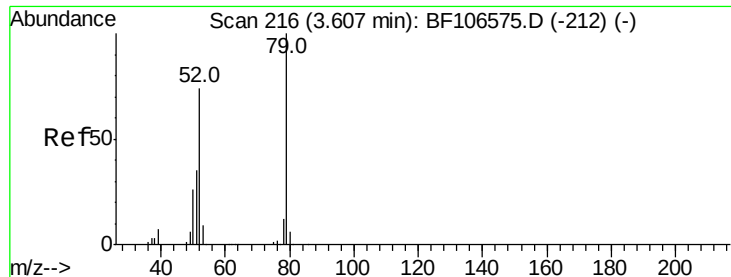
1,4-Dioxane
Concen: 36.535 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.04 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.3	62.6	93.8
43	26.9	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.336 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.02 min

Lab File: BF106947.D

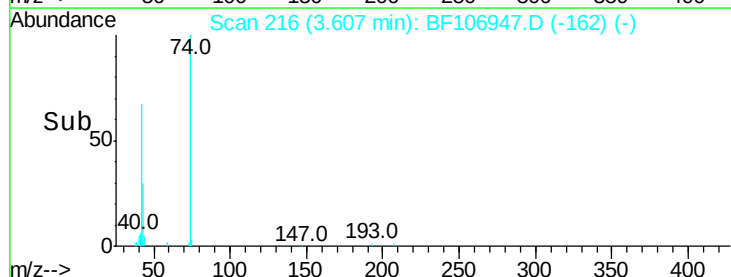
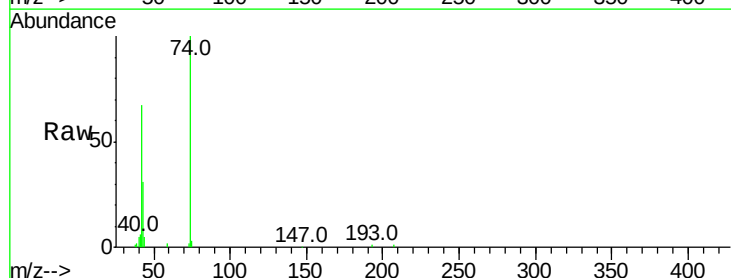
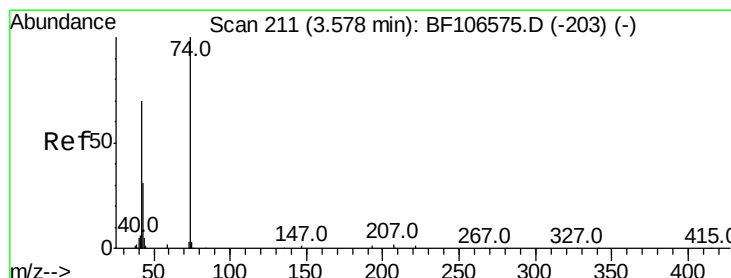
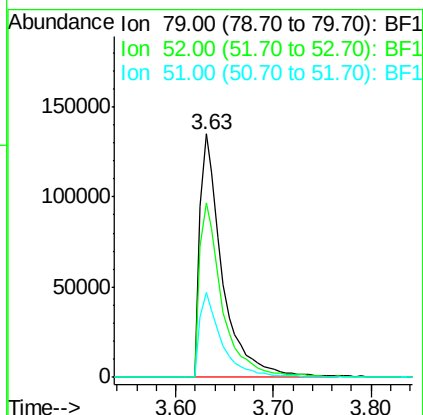
Acq: 29 Jun 2018 3:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		215507		
52	71.5	59.8		89.6	
51	35.1	29.8		44.8	

Instrument :
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ClientSampleId :
S39-9005MSD

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#4

n-Nitrosodimethylamine

Concen: 39.226 ng

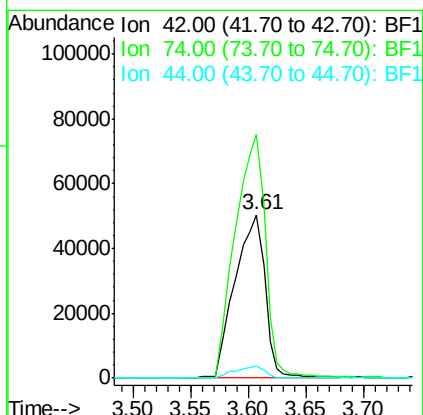
RT: 3.61 min Scan# 216

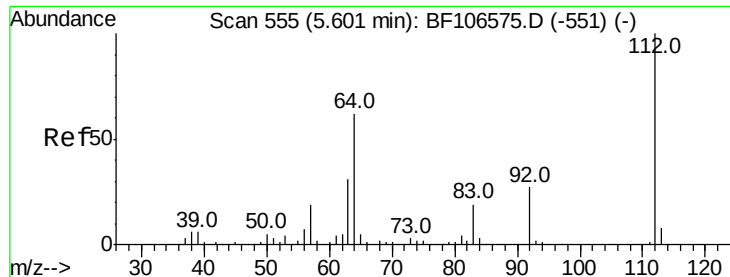
Delta R.T. 0.02 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		91277		
74	149.1	104.9		157.3	
44	7.0	6.9		10.3	





#5

2-Fluorophenol

Concen: 58.812 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

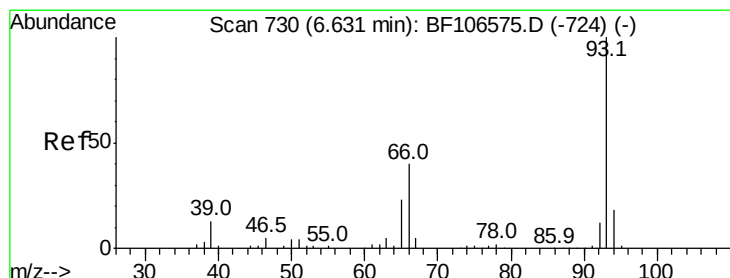
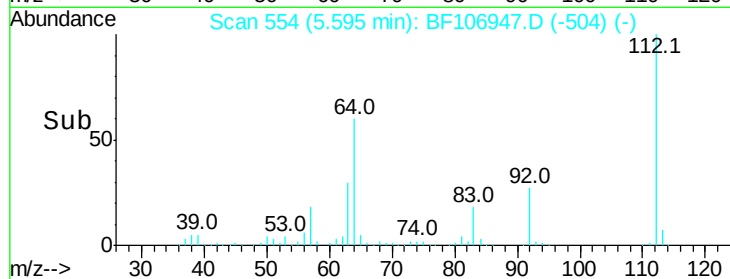
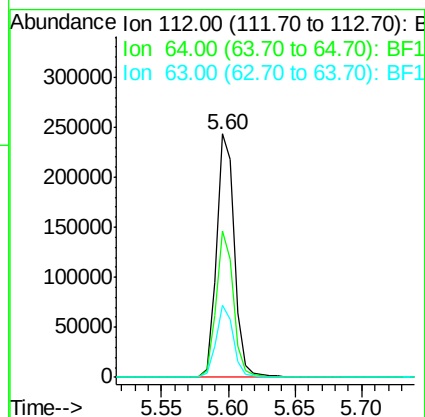
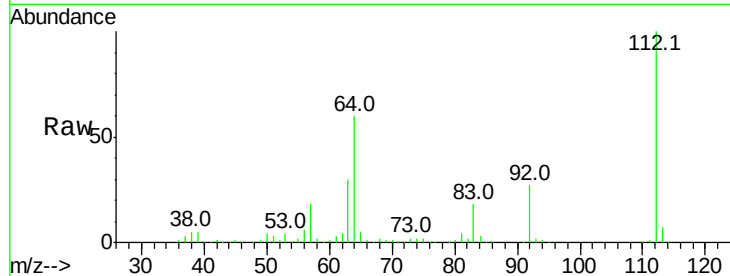
ClientSampleId :

S39-9005MSD

Tot Ion:	112	Resp:	231091
Ion Ratio	Lower	Upper	
112	100		
64	60.1	47.9	71.9
63	29.8	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 27.699 ng

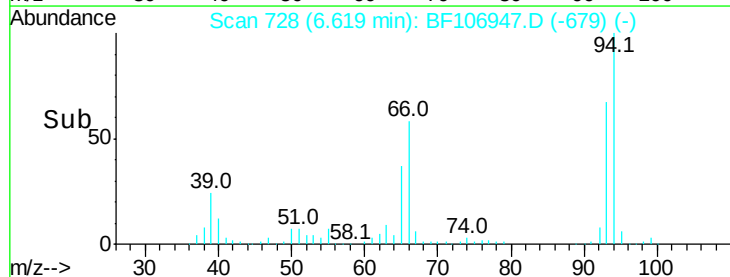
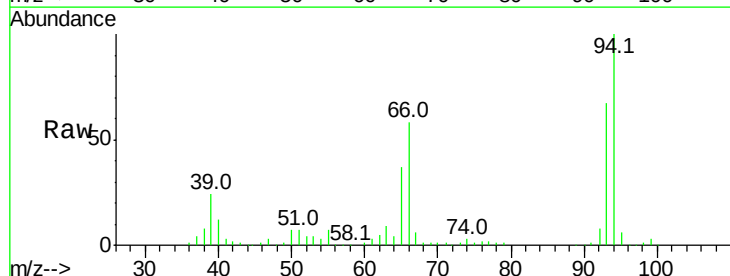
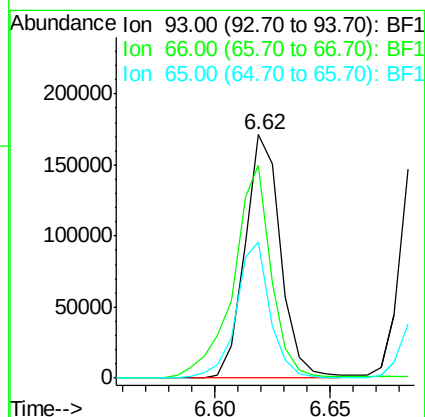
RT: 6.62 min Scan# 728

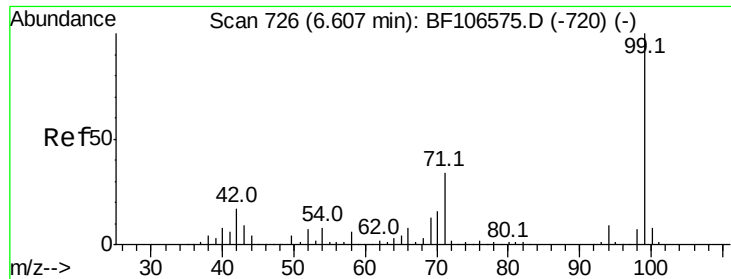
Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion:	93	Resp:	184373
Ion Ratio	Lower	Upper	
93	100		
66	87.5	32.2	48.2#
65	55.8	16.4	24.6#





#7

Phenol-d6

Concen: 115.346 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

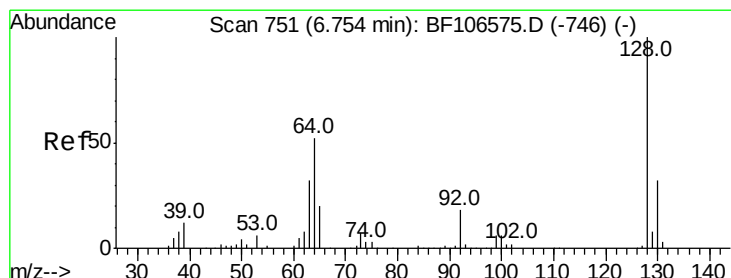
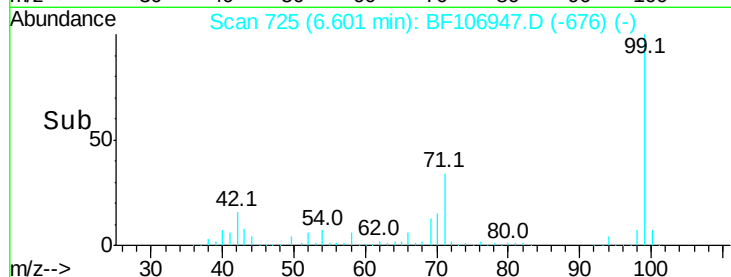
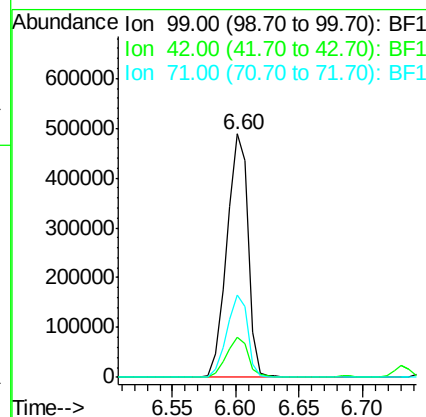
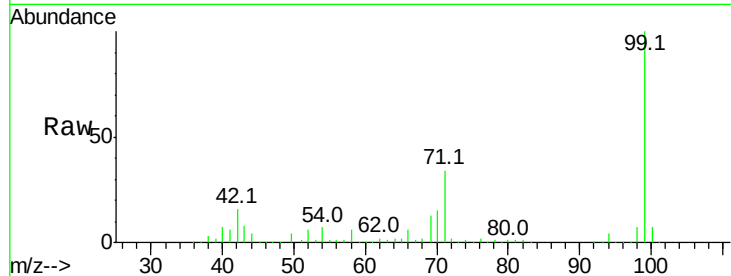
ClientSampleId :

S39-9005MSD

Tot Ion	Ratio	Resp	Lower	Upper
99	100	566001		
42	16.2		14.5	21.7
71	33.9		25.4	38.0

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#8

2-Chlorophenol

Concen: 32.520 ng

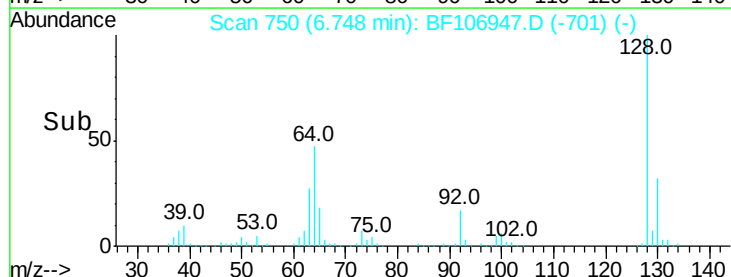
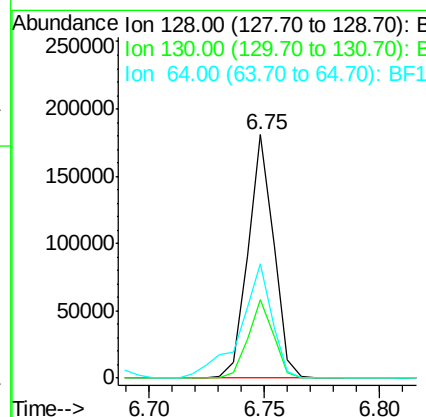
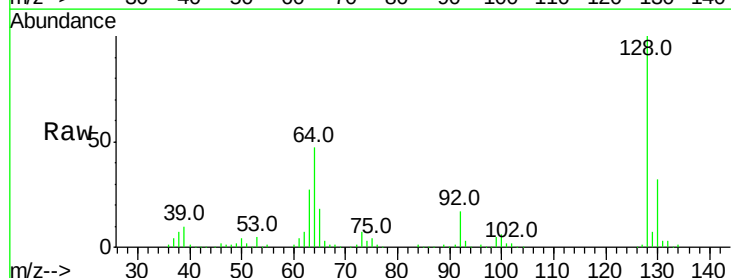
RT: 6.75 min Scan# 750

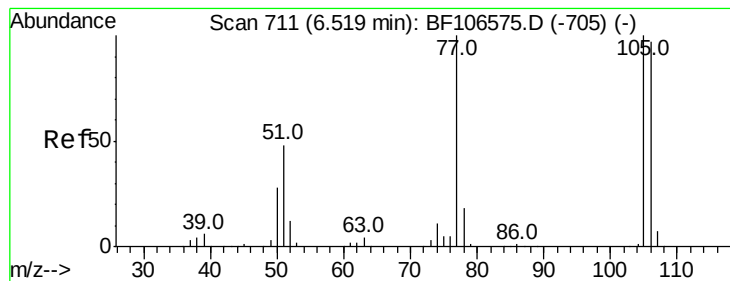
Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	140153		
130	32.3		13.0	53.0
64	46.8		29.4	69.4





#9

Benzaldehyde

Concen: 25.626 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

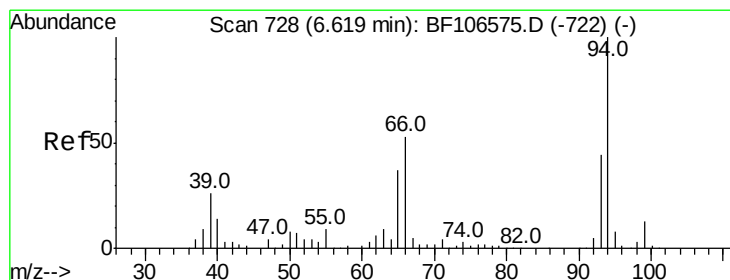
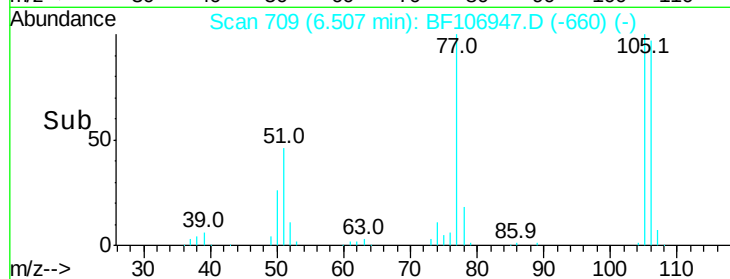
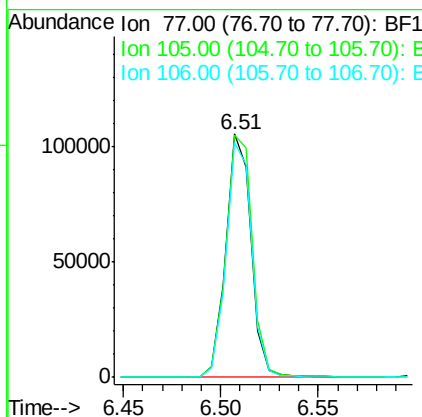
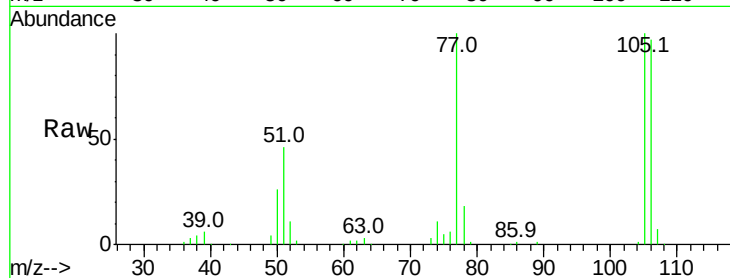
ClientSampled :

S39-9005MSD

Tot Ion:	77	Resp:	94407
Ion Ratio	Lower	Upper	
77	100		
105	99.7	81.1	121.1
106	96.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 40.973 ng

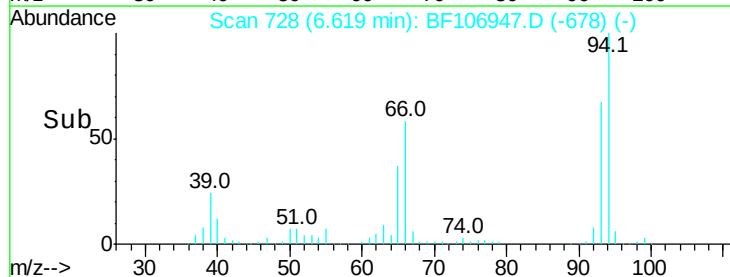
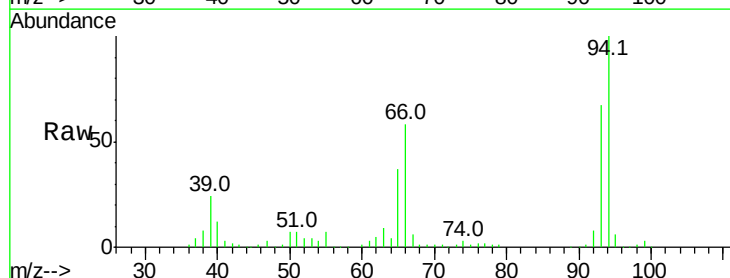
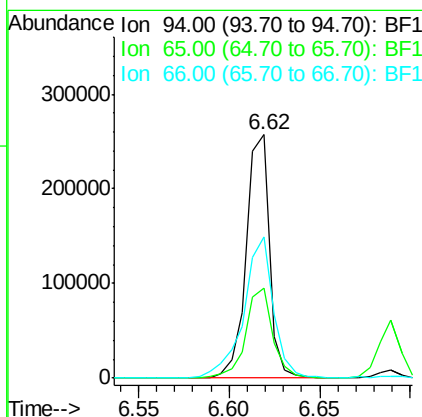
RT: 6.62 min Scan# 728

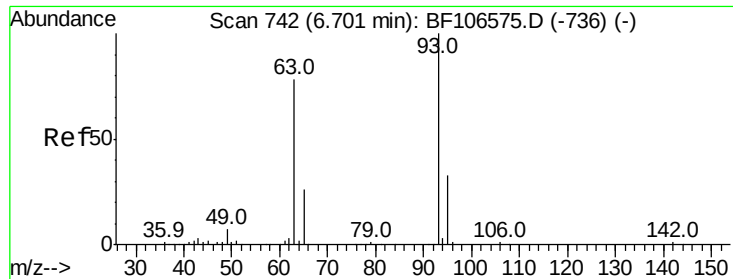
Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion:	94	Resp:	229451
Ion Ratio	Lower	Upper	
94	100		
65	37.2	7.9	47.9
66	58.3	16.2	56.2#





#11

bis(2-Chloroethyl)ether

Concen: 44.113 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

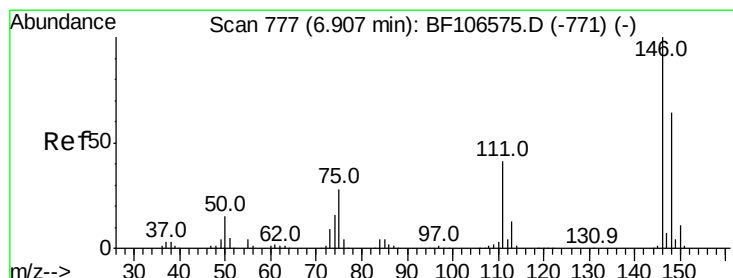
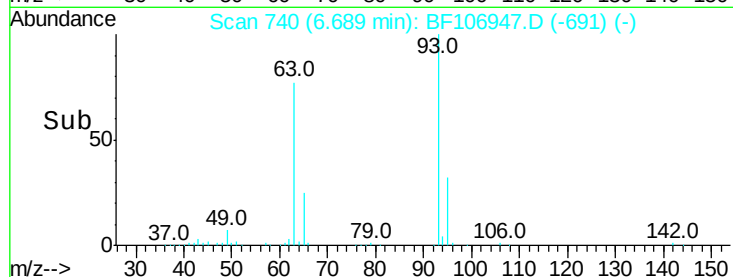
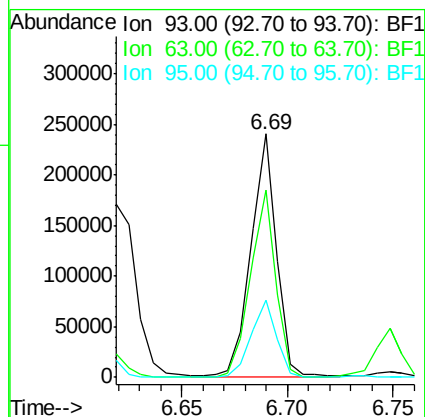
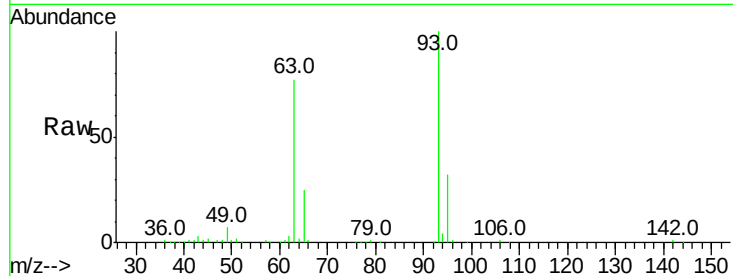
ClientSampleId :

S39-9005MSD

Tot Ion:	93	Resp:	203937
Ion Ratio	Lower	Upper	
93	100		
63	77.0	58.6	98.6
95	31.9	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 46.454 ng

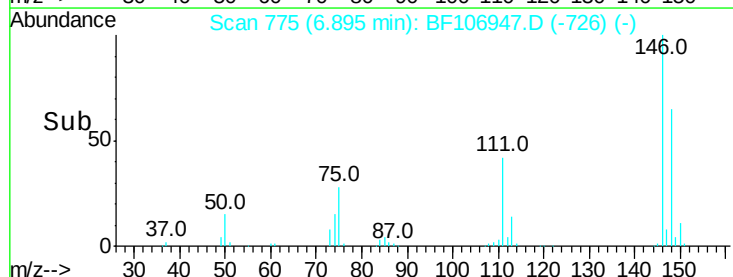
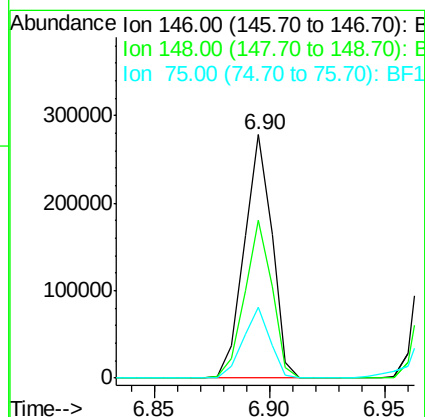
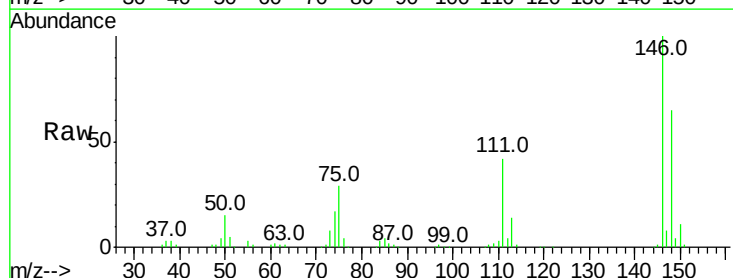
RT: 6.90 min Scan# 775

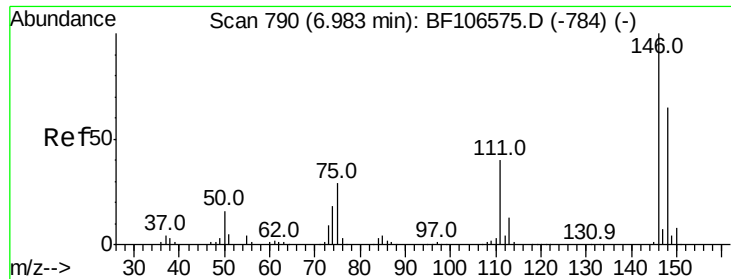
Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion:	146	Resp:	234487
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.8	77.8
75	28.9	24.2	36.4





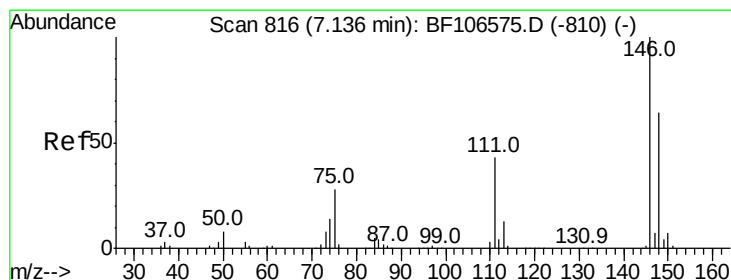
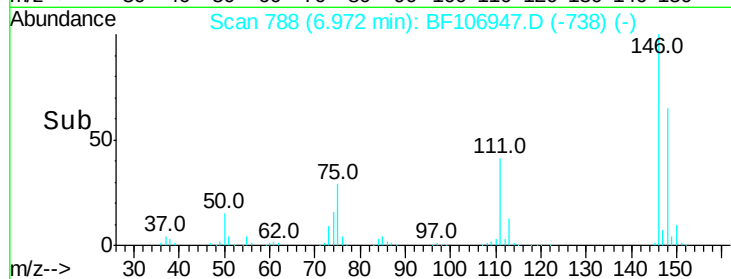
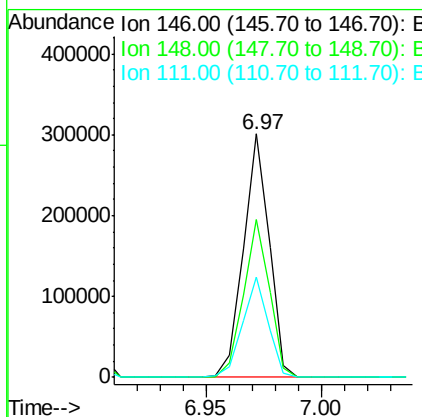
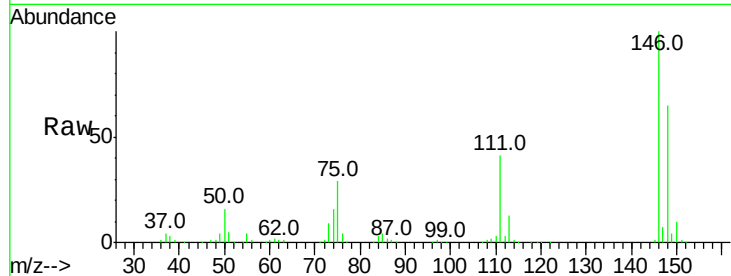
#13
 1,4-Dichlorobenzene
 Concen: 46.047 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	41.3	34.2	51.2

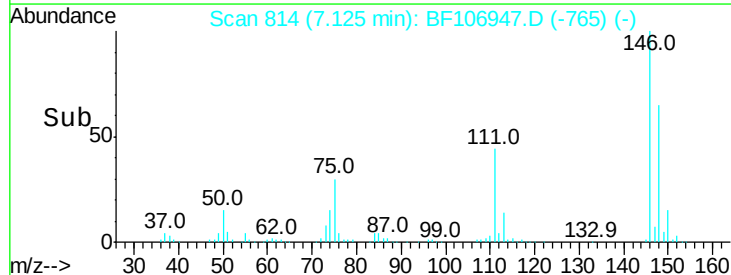
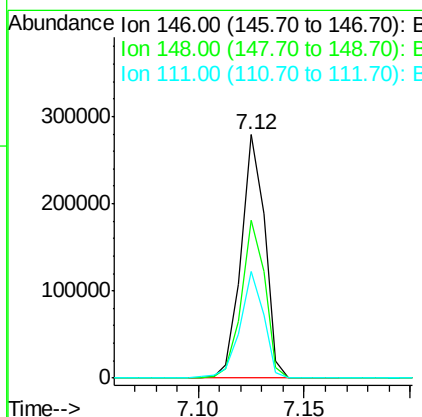
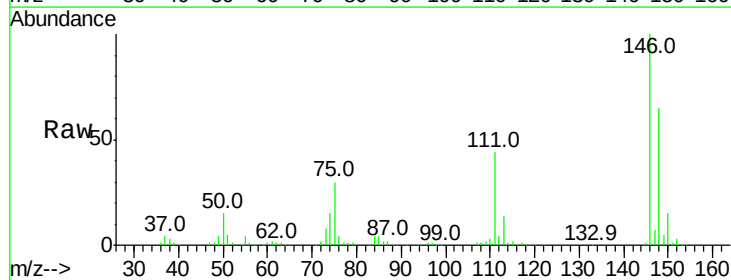
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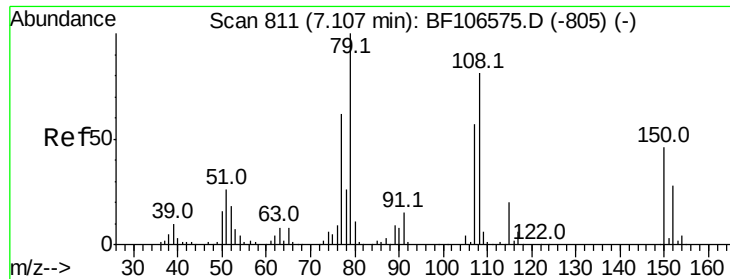
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#14
 1,2-Dichlorobenzene
 Concen: 46.412 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	43.8	36.0	54.0





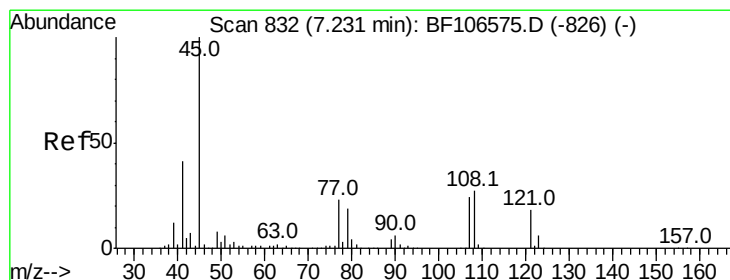
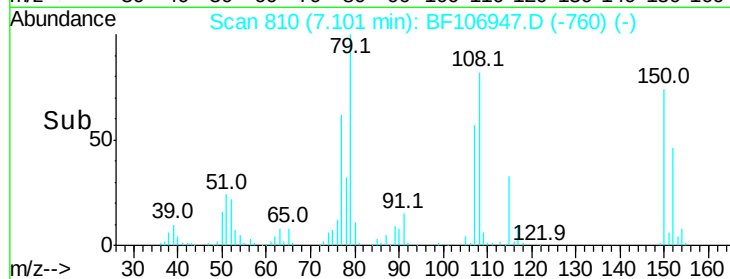
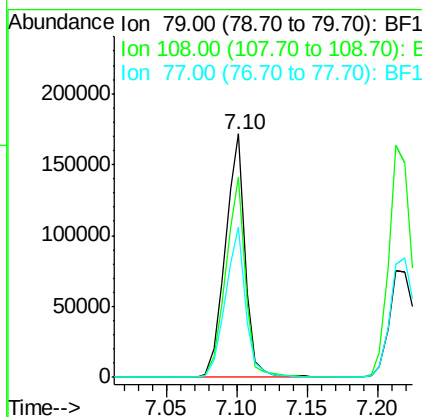
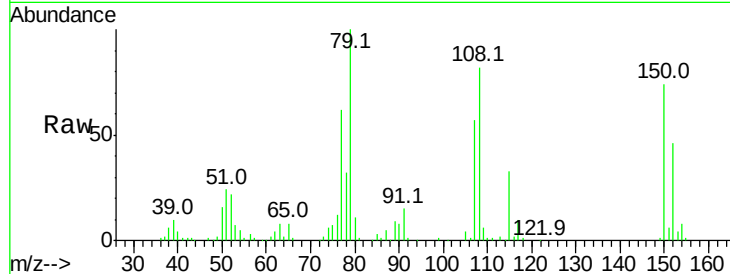
#15
Benzyl Alcohol
Concen: 42.589 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.0	65.1	97.7
77	61.6	50.6	75.8

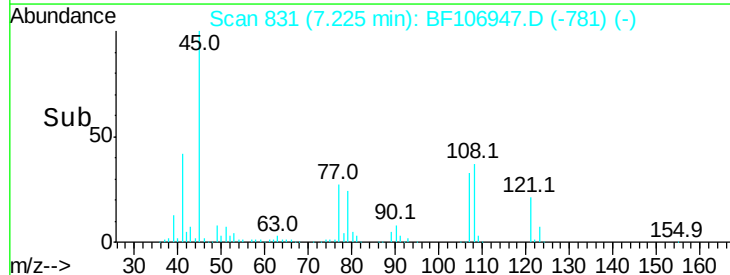
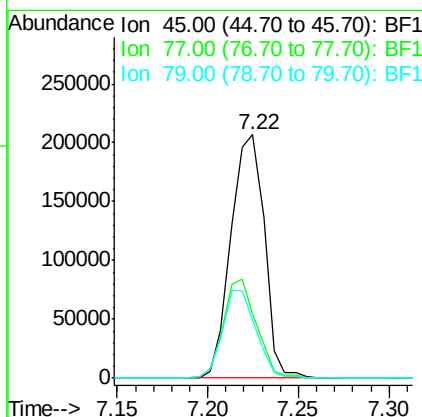
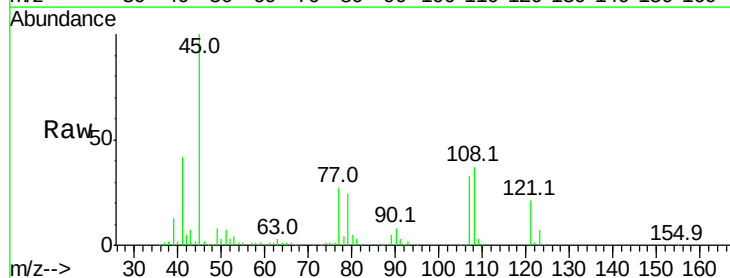
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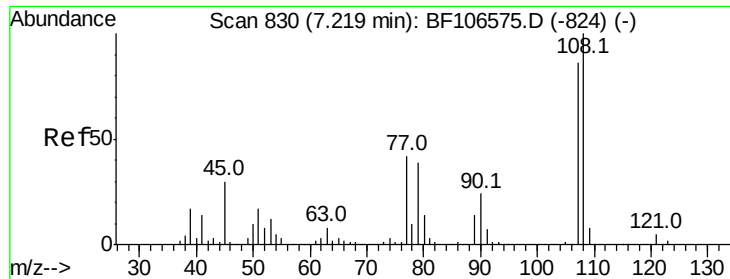
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.725 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.6	0.0	32.9
79	23.9	0.0	29.6





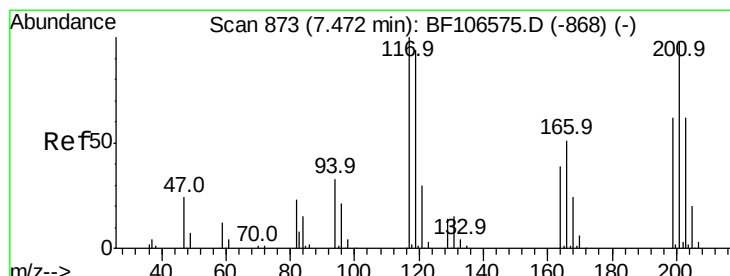
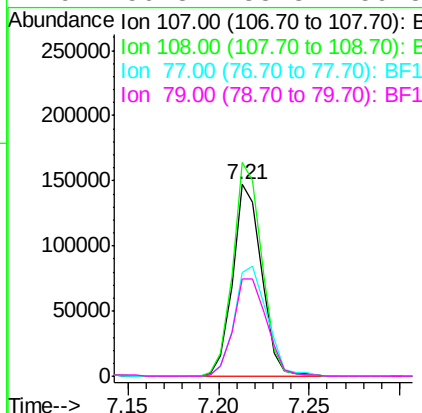
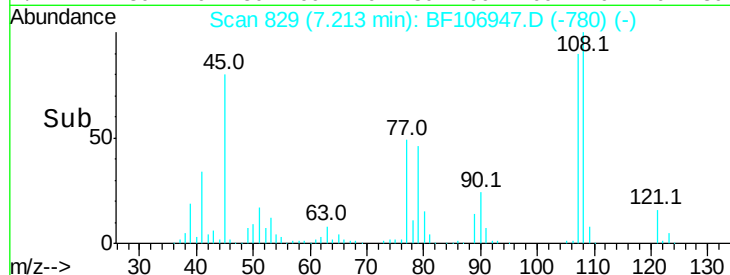
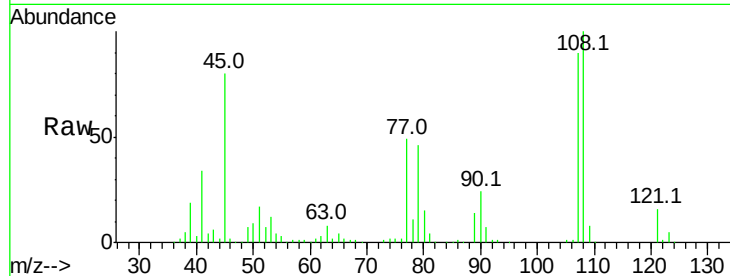
#17
2-Methylphenol
Concen: 44.188 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.7	137.5
77	54.1	33.8	50.8#
79	50.8	33.8	50.8#

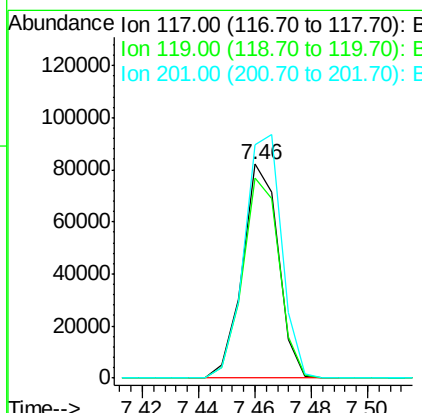
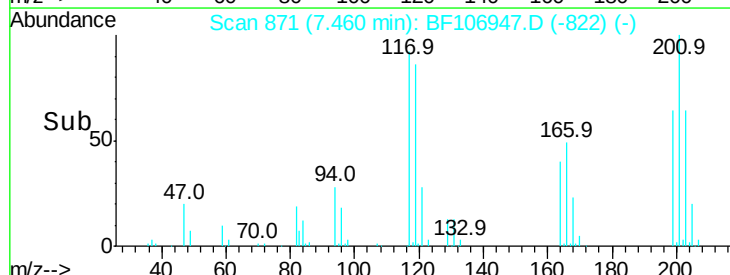
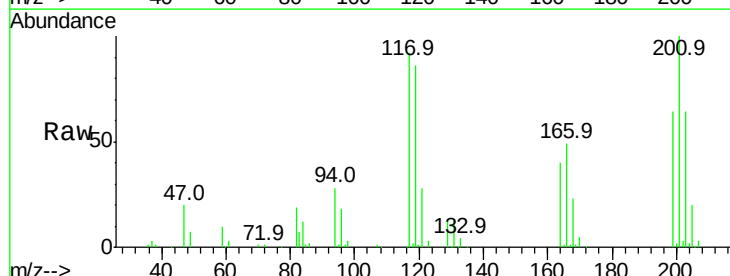
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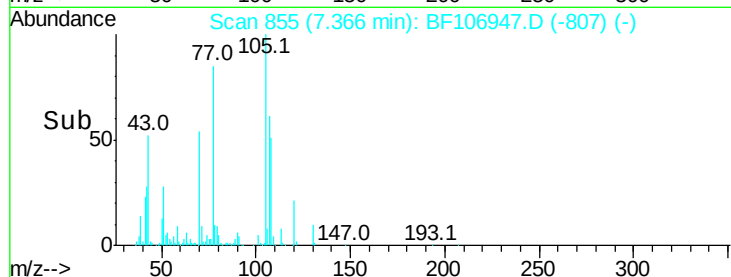
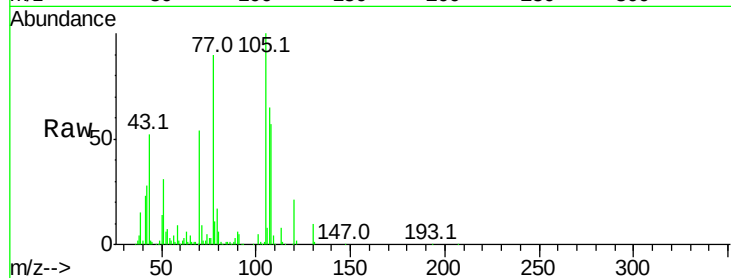
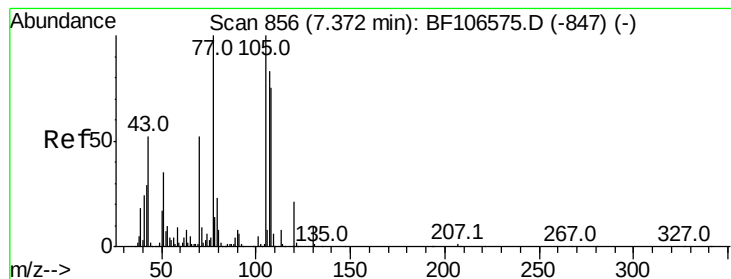
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#18
Hexachloroethane
Concen: 40.181 ng
RT: 7.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.8	113.8
201	109.2	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.488 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

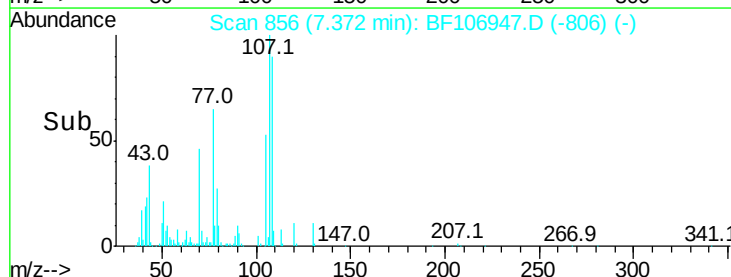
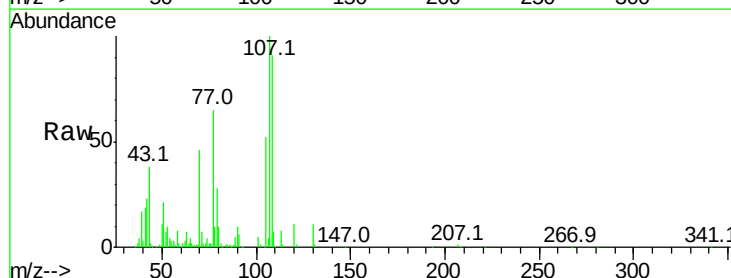
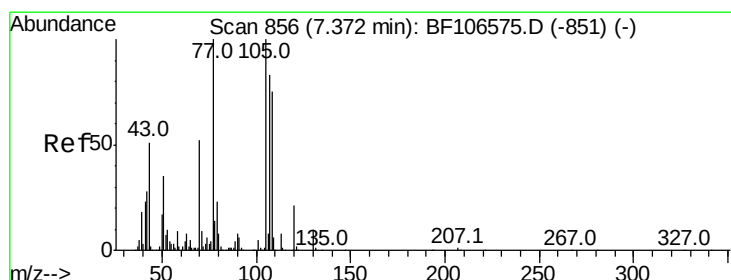
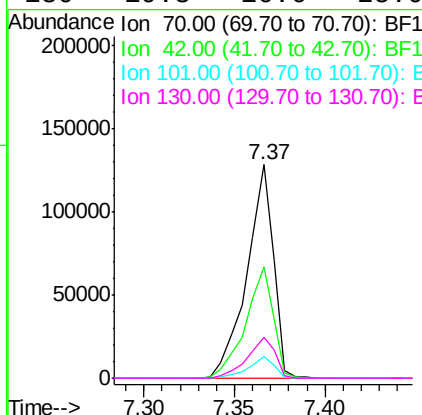
ClientSampleId :

S39-9005MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.3	47.5	71.3
101	10.0	7.4	11.2
130	19.3	16.6	25.0

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#20

3+4-Methylphenols

Concen: 53.923 ng

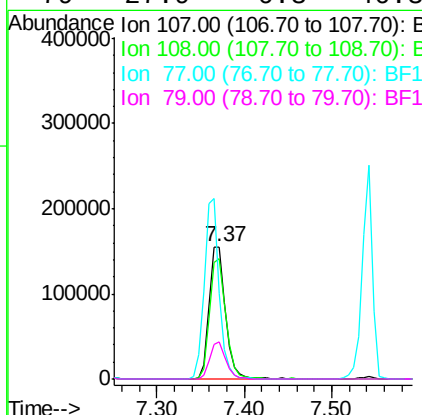
RT: 7.37 min Scan# 856

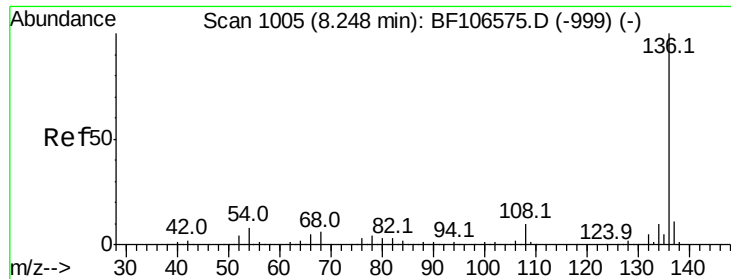
Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	65.1	26.7	66.7
79	27.9	6.3	46.3





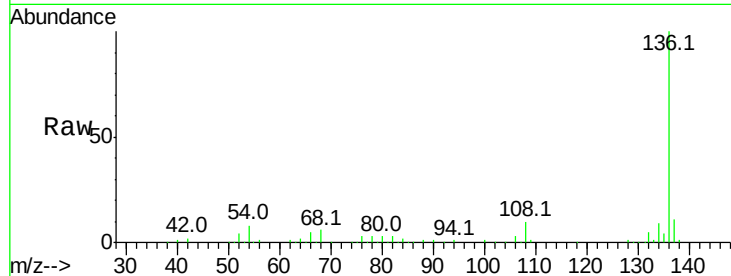
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	228297		
137	10.6	8.9	13.3	
54	8.1	6.6	9.8	
68	5.9	5.0	7.4	

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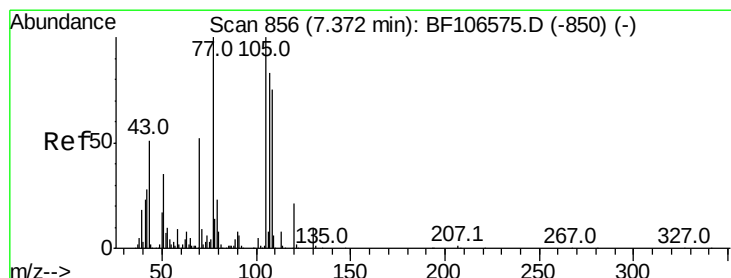
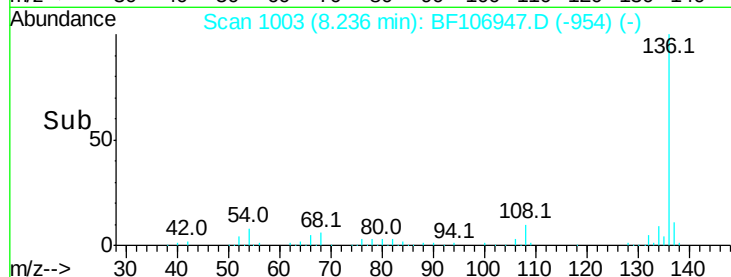
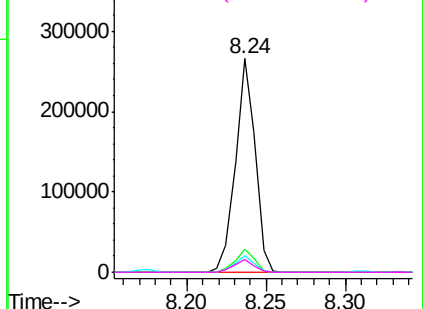
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 51.390 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	262480		
71	6.0	4.4	6.6	
51	30.3	22.3	33.5	
120	21.1	16.9	25.3	

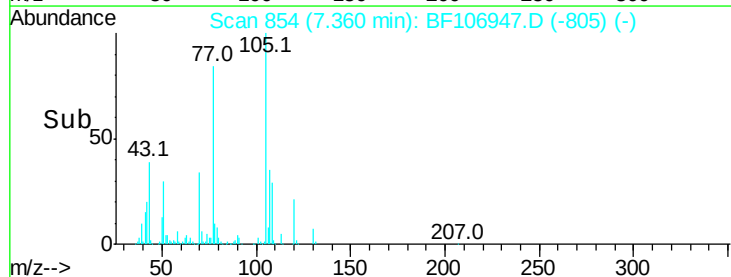
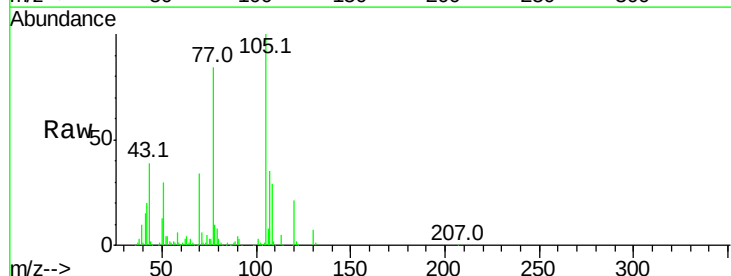
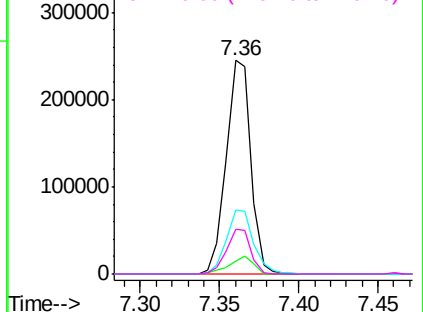
Abundance

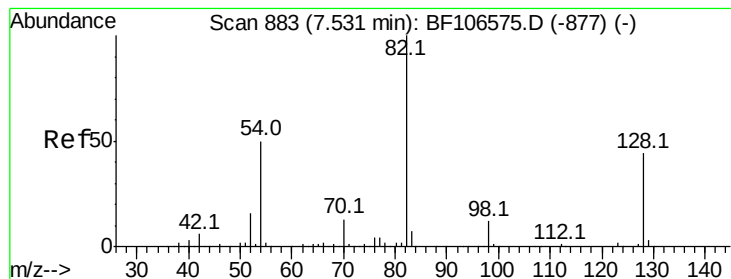
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 96.823 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

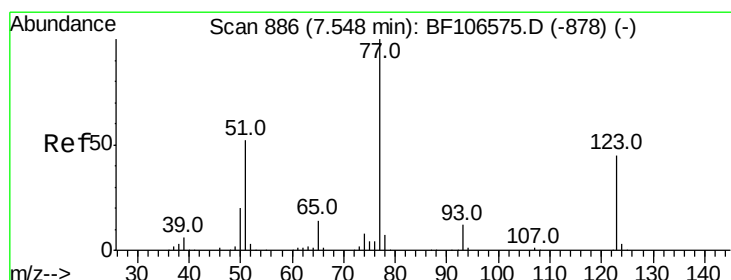
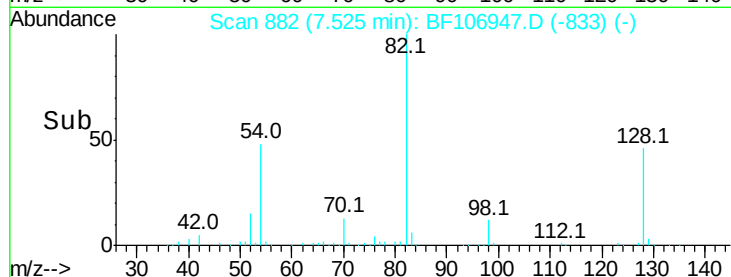
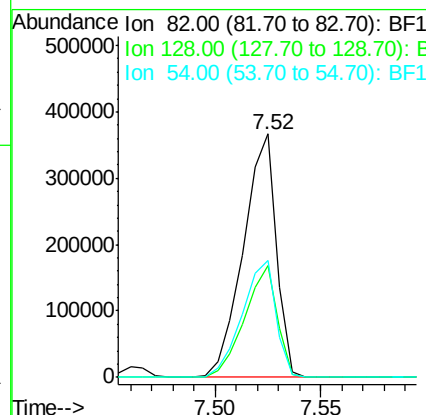
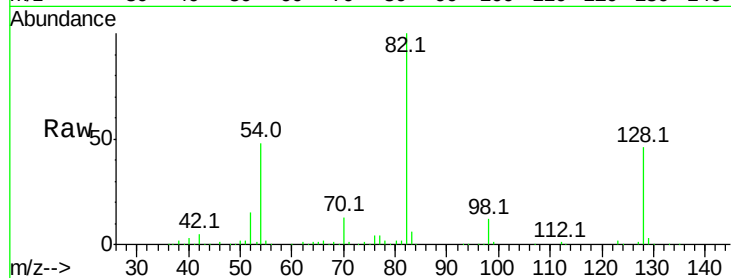
ClientSampled :

S39-9005MSD

Tot Ion:	82	Resp:	397749
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.1	54.1
54	47.8	41.4	62.2

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#24

Nitrobenzene

Concen: 48.349 ng

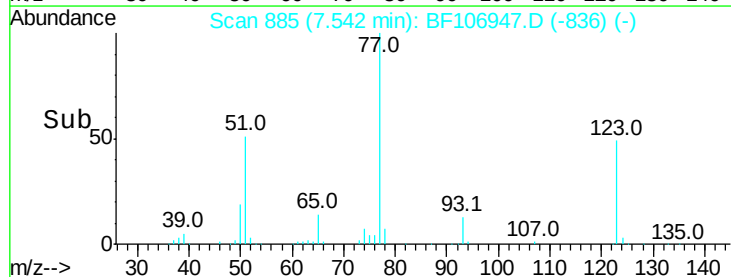
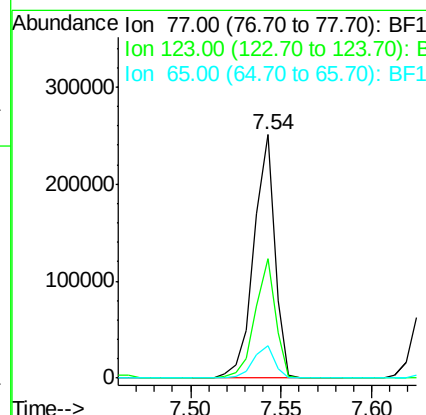
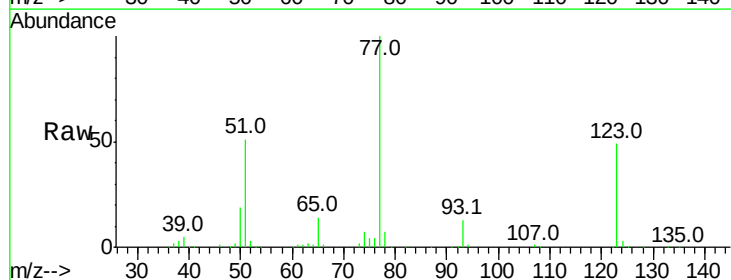
RT: 7.54 min Scan# 885

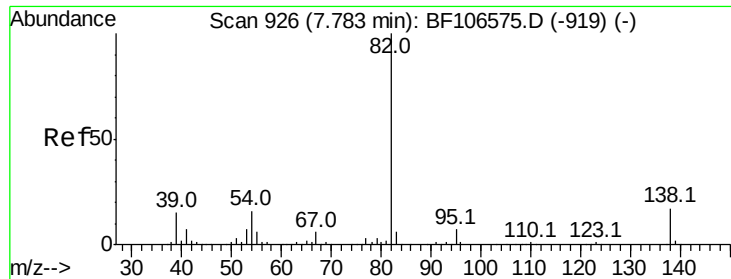
Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion:	77	Resp:	202779
Ion Ratio	Lower	Upper	
77	100		
123	48.8	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 49.309 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

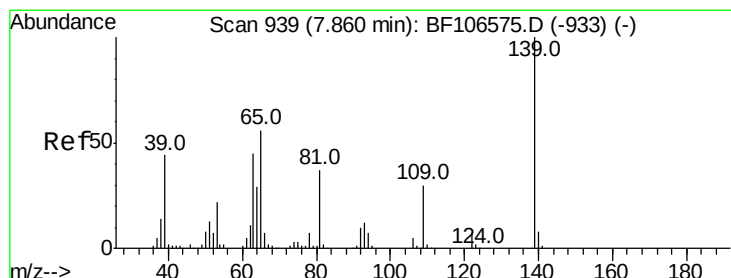
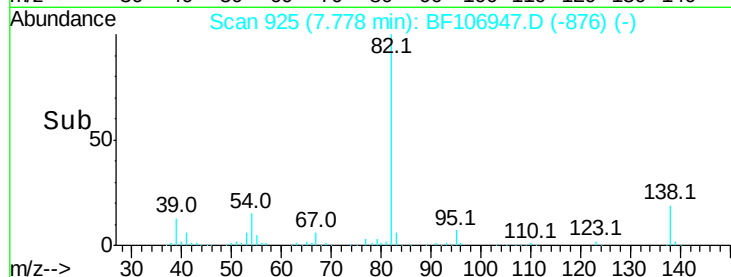
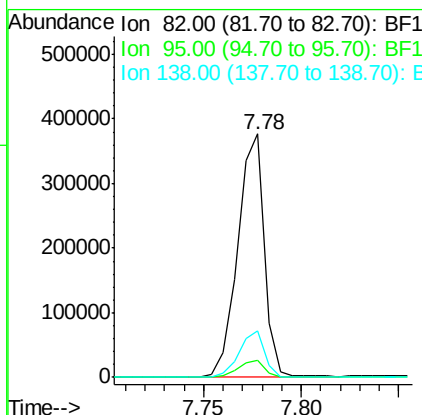
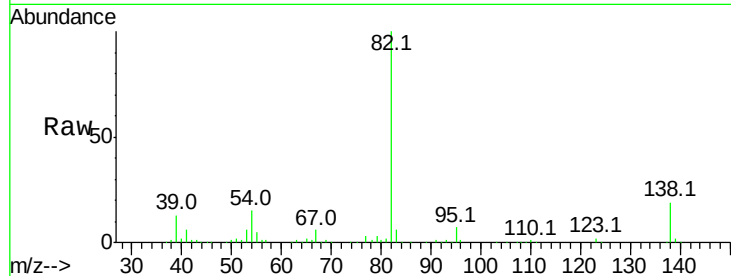
ClientSampleId :

S39-9005MSD

Tot Ion:	82	Resp:	356946
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	19.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 21.231 ng

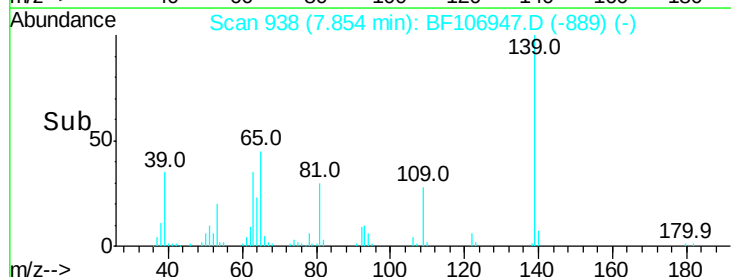
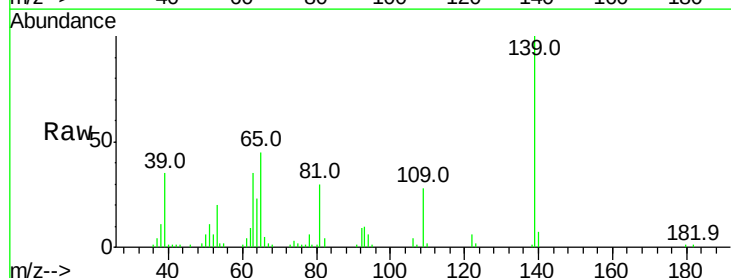
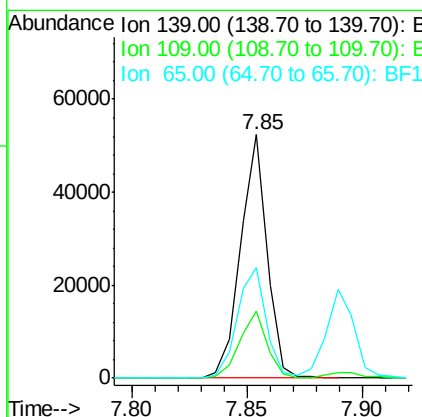
RT: 7.85 min Scan# 938

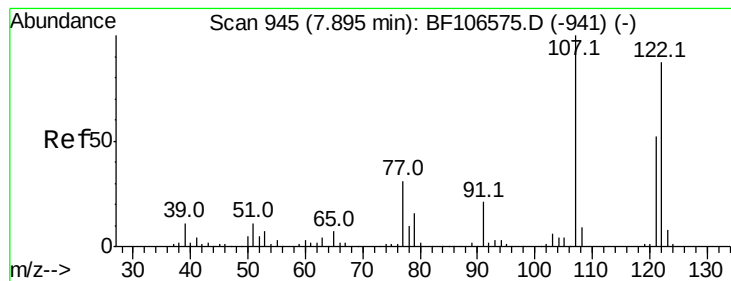
Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion:	139	Resp:	42036
Ion Ratio	Lower	Upper	
139	100		
109	27.7	22.7	34.1
65	45.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 56.233 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

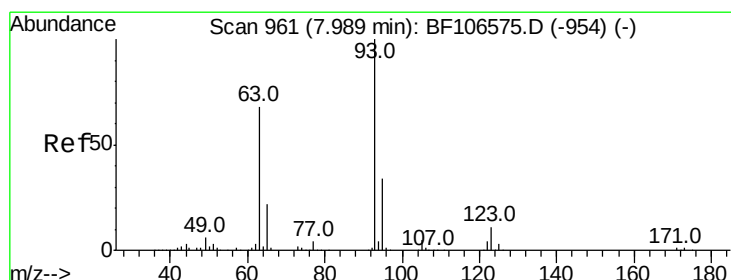
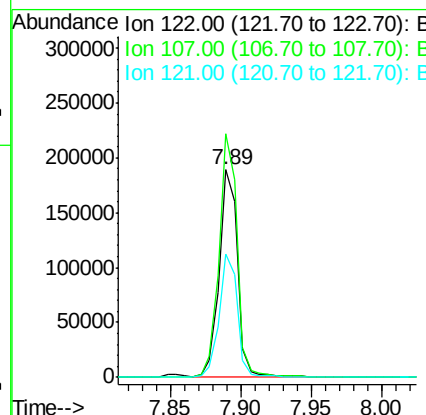
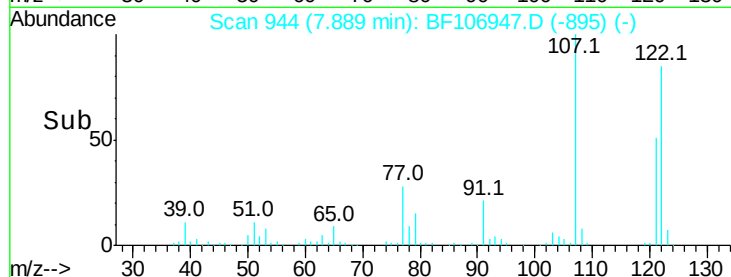
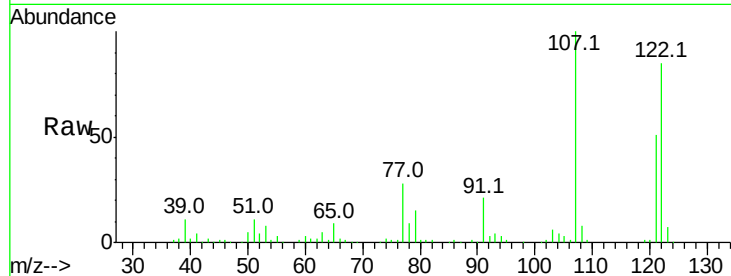
ClientSampleId :

S39-9005MSD

Tot Ion:	122	Resp:	172086
Ion Ratio	Lower	Upper	
122	100		
107	117.4	91.2	136.8
121	59.7	47.2	70.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 48.644 ng

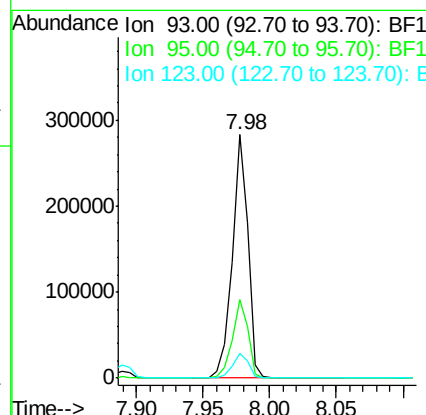
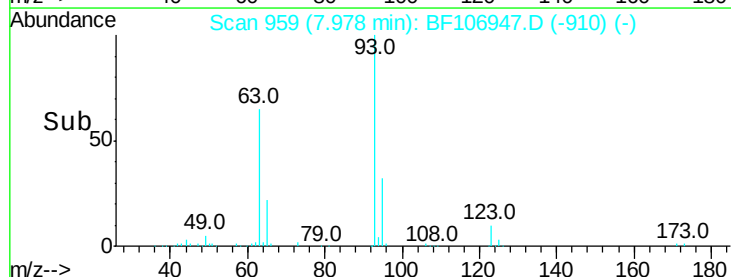
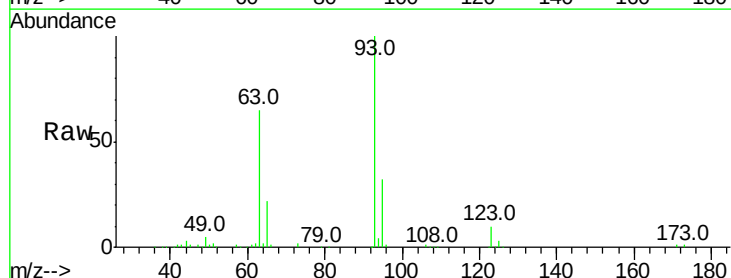
RT: 7.98 min Scan# 959

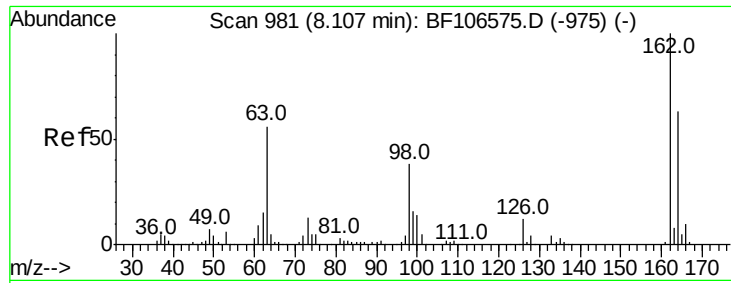
Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion:	93	Resp:	236429
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	10.3	9.8	14.6





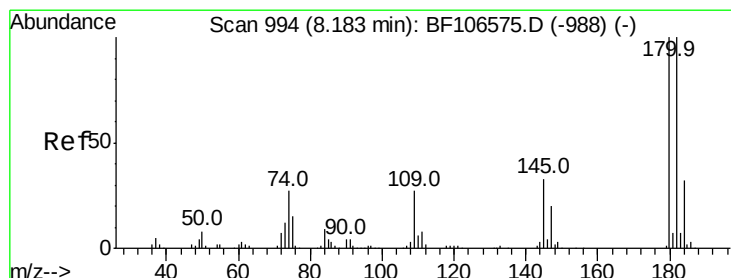
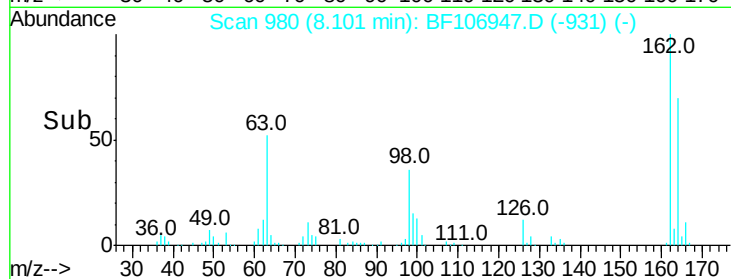
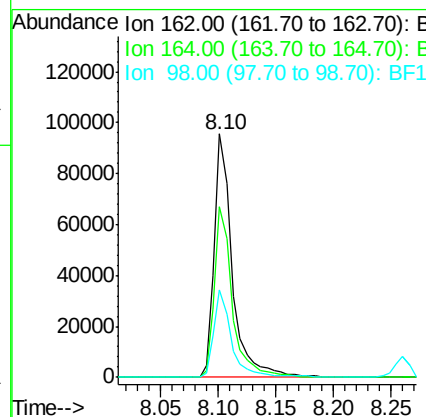
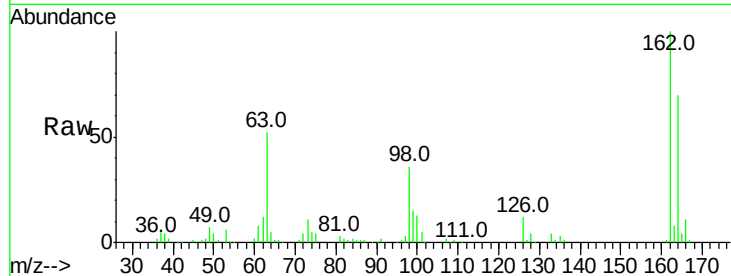
#29
2,4-Dichlorophenol
Concen: 32.483 ng
RT: 8.10 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	104073		
164	70.1	42.7	82.7	
98	35.8	18.1	58.1	

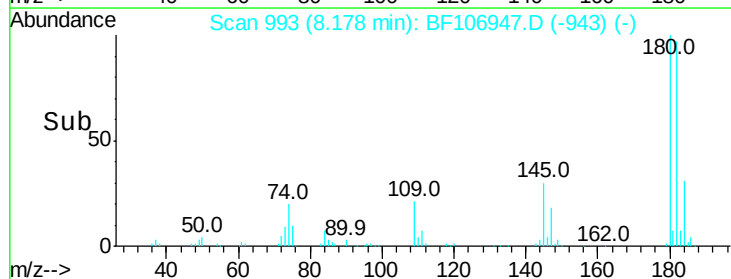
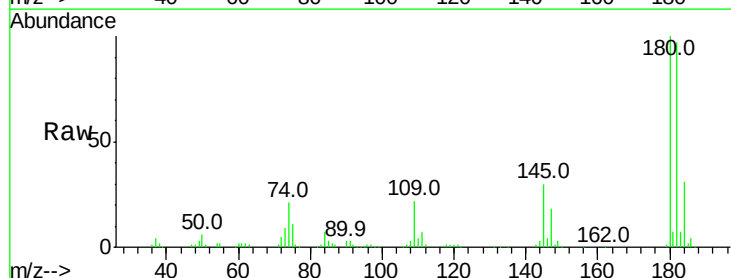
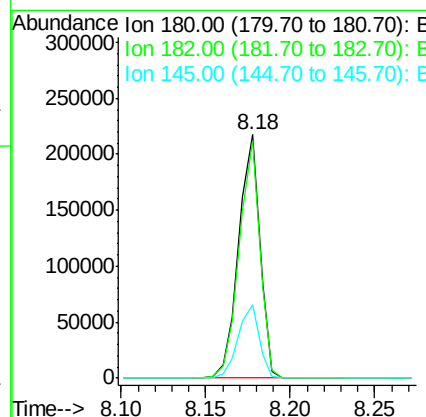
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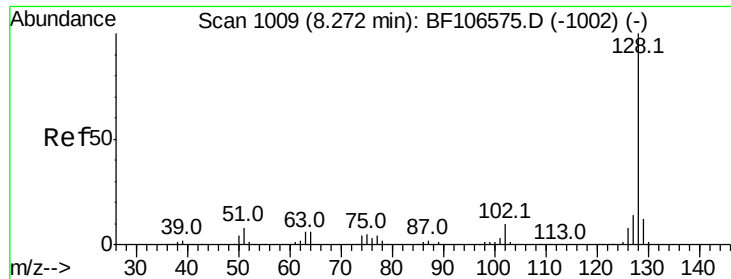
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#30
1,2,4-Trichlorobenzene
Concen: 53.783 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	189825		
182	97.5	76.8	115.2	
145	30.2	26.5	39.7	





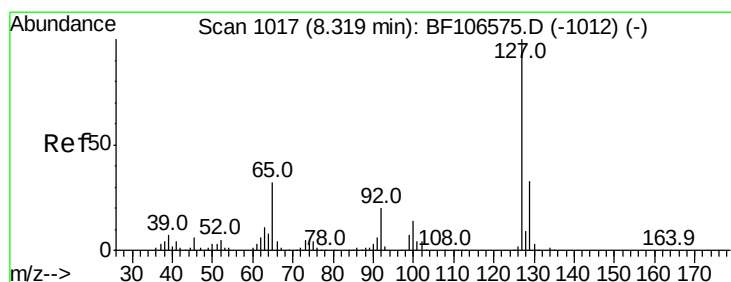
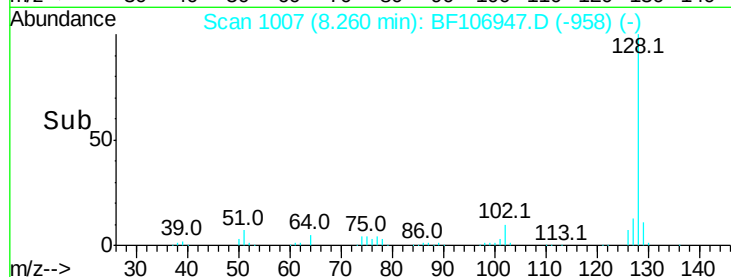
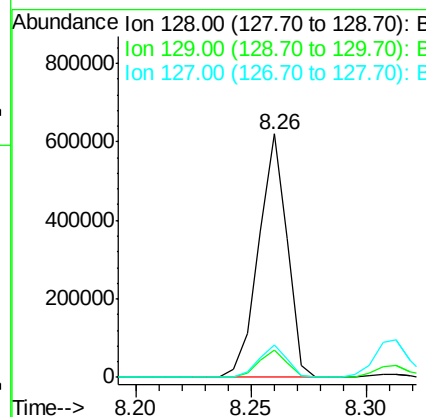
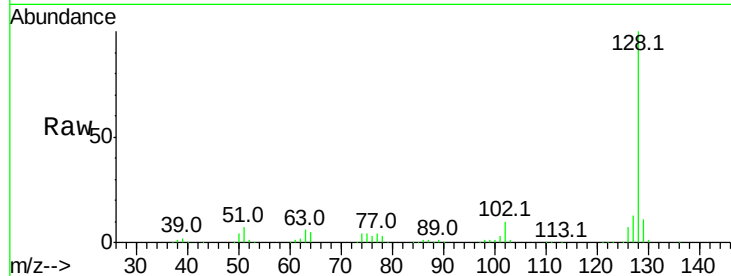
#31
Naphthalene
Concen: 50.215 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.3	10.9	16.3

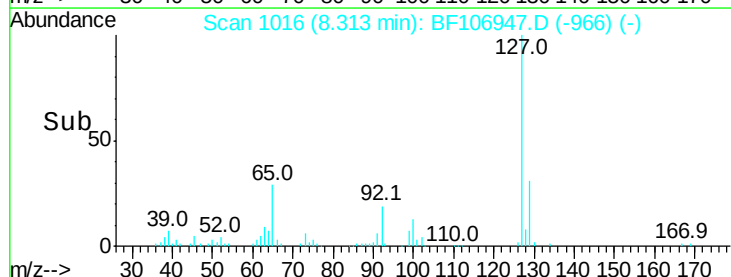
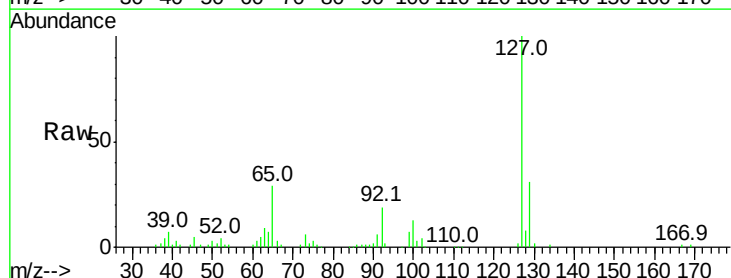
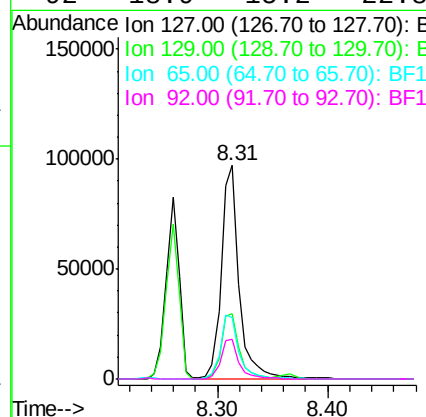
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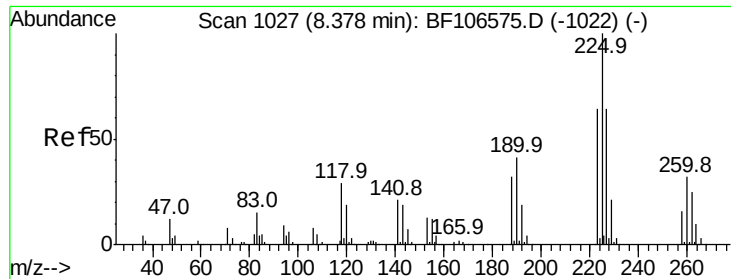
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#33
4-Chloroaniline
Concen: 24.319 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	30.9	25.9	38.9
65	29.1	25.0	37.4
92	18.9	15.2	22.8





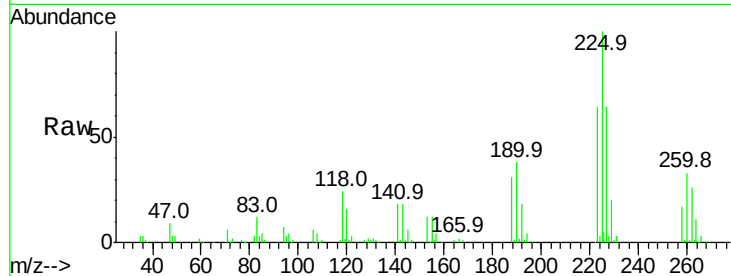
#34
Hexachlorobutadiene
Concen: 53.896 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	50.6	76.0	
227	64.2	51.9	77.9	

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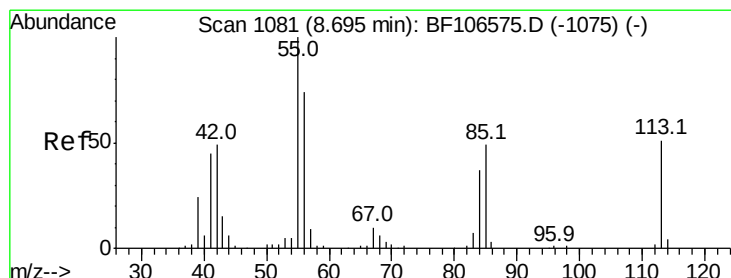
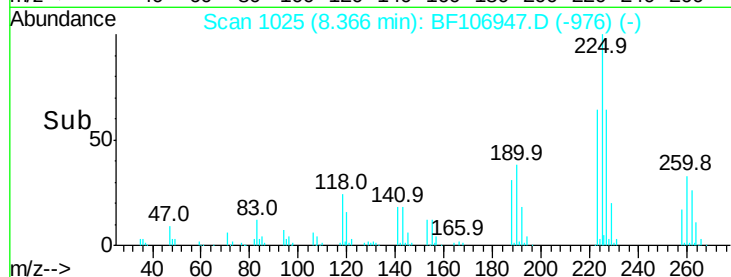
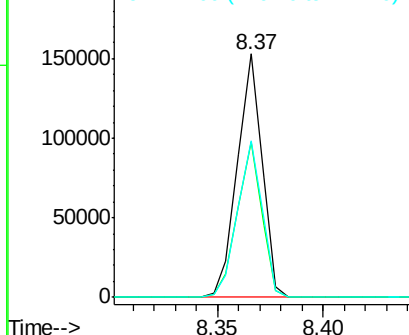


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 43.853 ng
RT: 8.66 min Scan# 1075
Delta R.T. -0.05 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

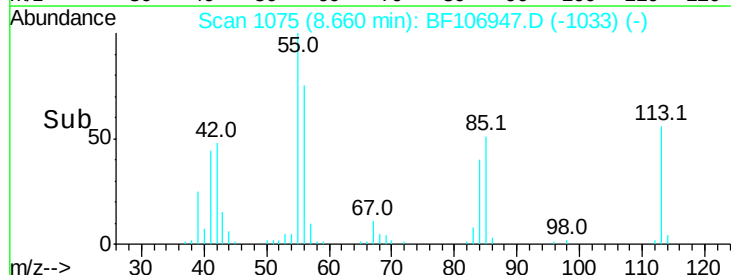
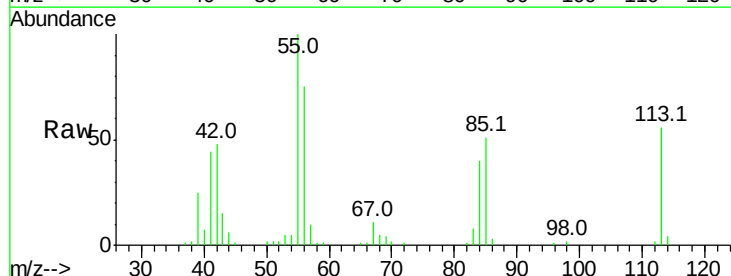
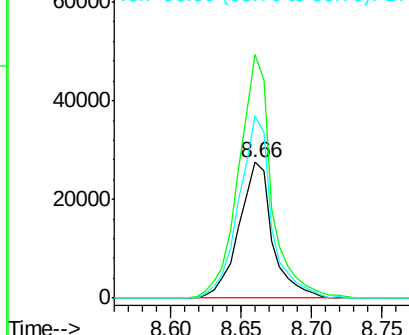
Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	179.3	163.3	203.3	
56	134.1	115.7	155.7	

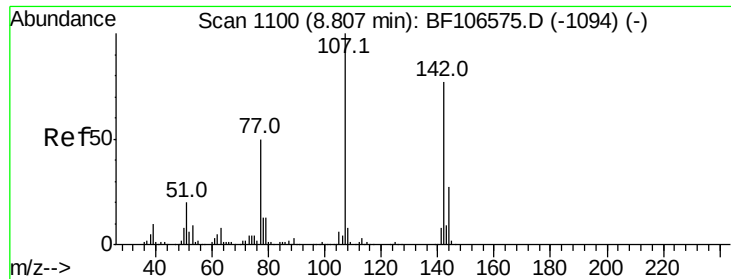
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1





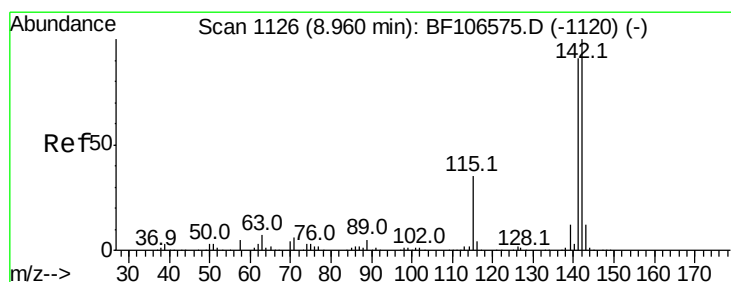
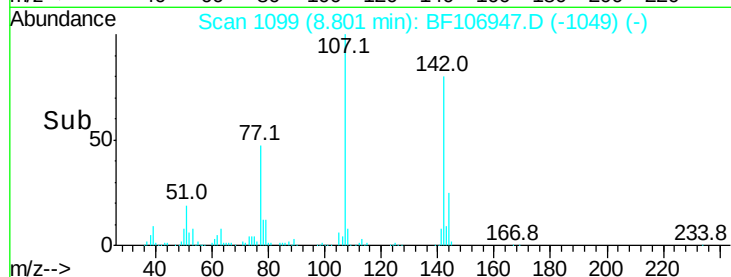
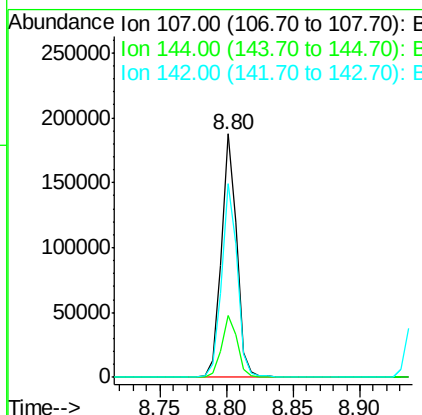
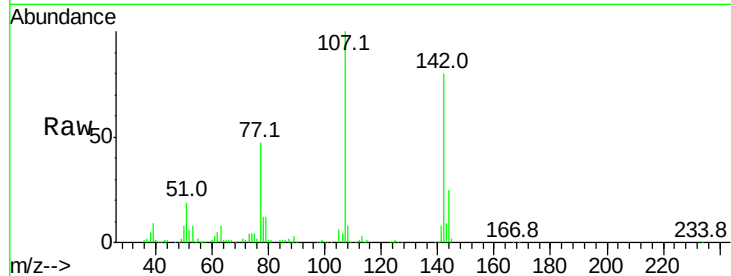
#36
4-Chloro-3-methylphenol
Concen: 45.712 ng
RT: 8.80 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	154156		
144	25.2	20.5	30.7	
142	79.7	62.0	93.0	

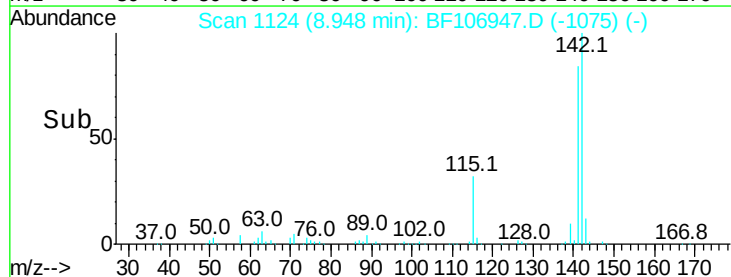
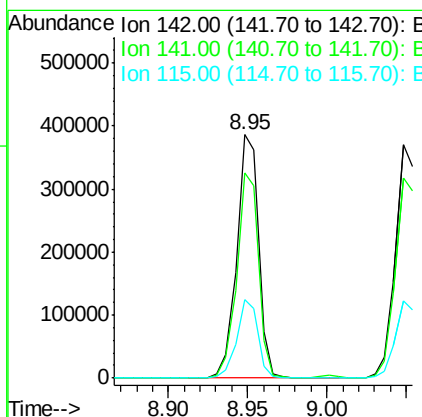
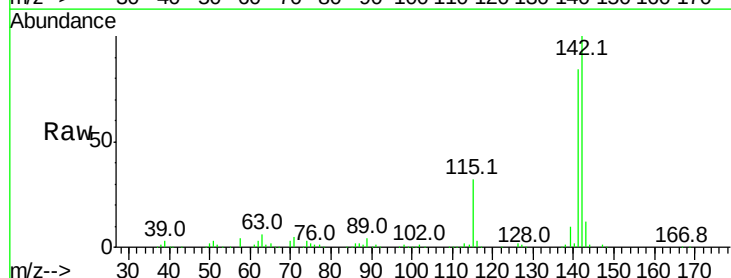
Manual Integrations
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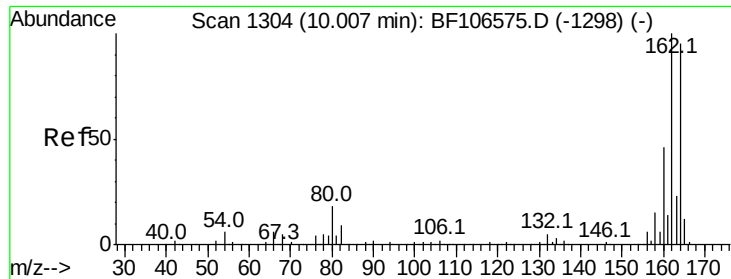
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#37
2-Methylnaphthalene
Concen: 52.155 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	368983		
141	84.1	70.8	106.2	
115	32.1	26.1	39.1	





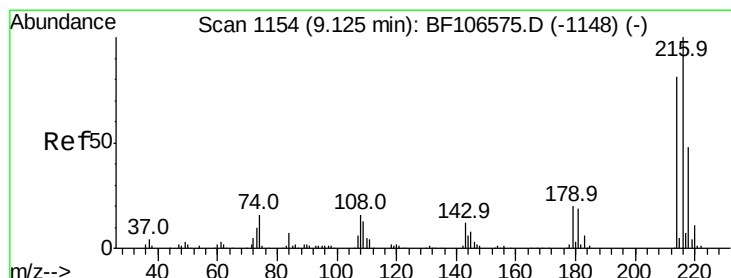
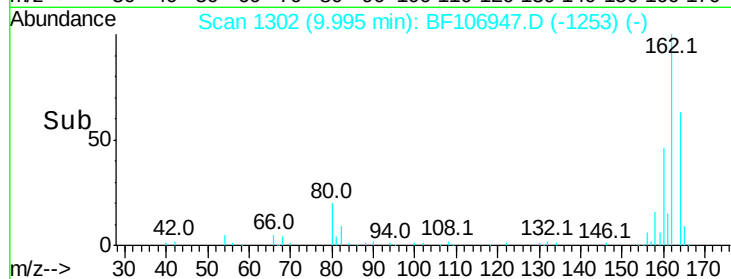
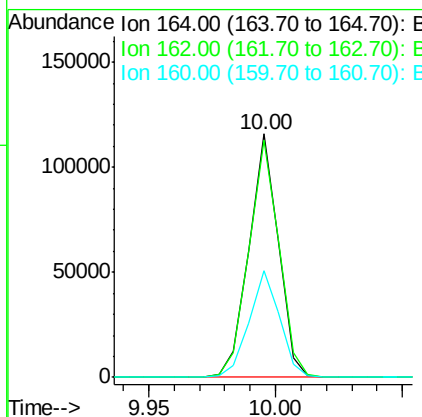
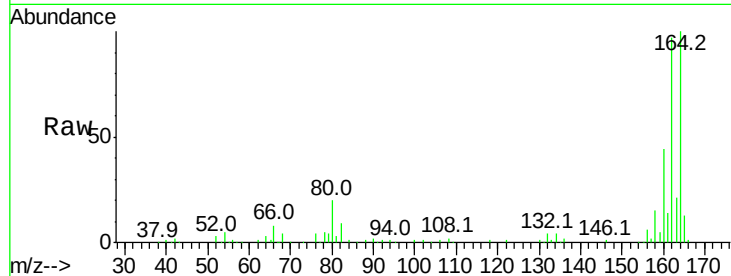
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.2	86.1	129.1
160	43.6	38.3	57.5

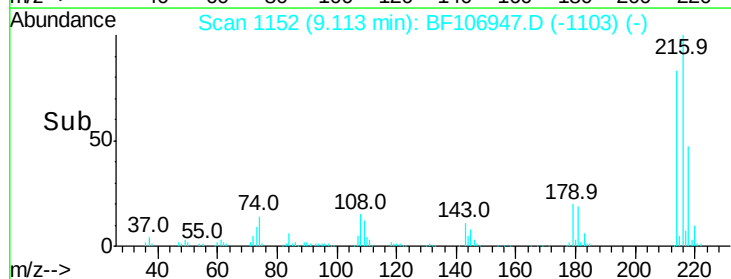
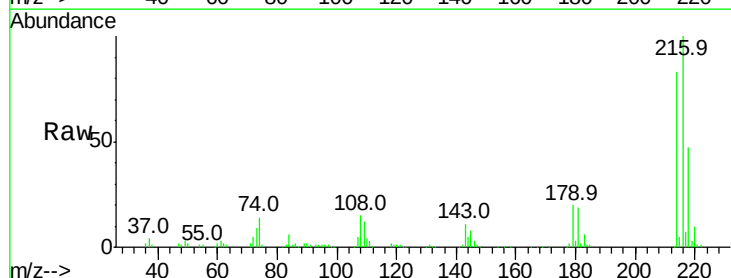
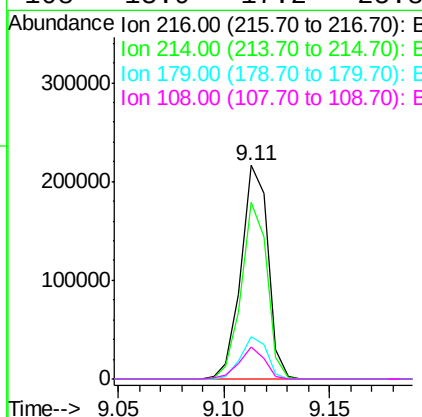
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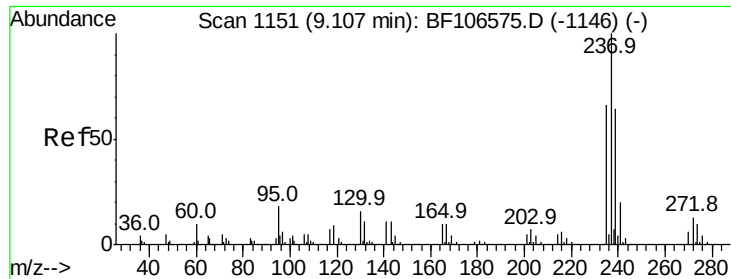
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 60.207 ng
RT: 9.11 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	19.3	18.1	27.1
108	13.9	17.2	25.8#





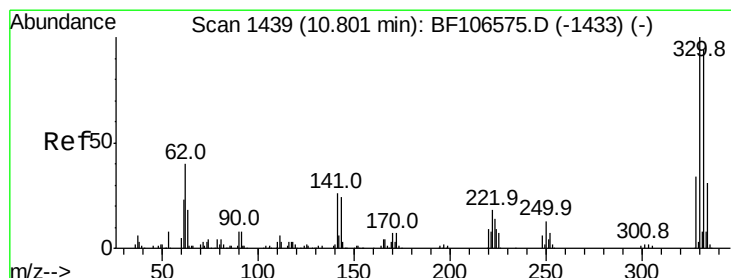
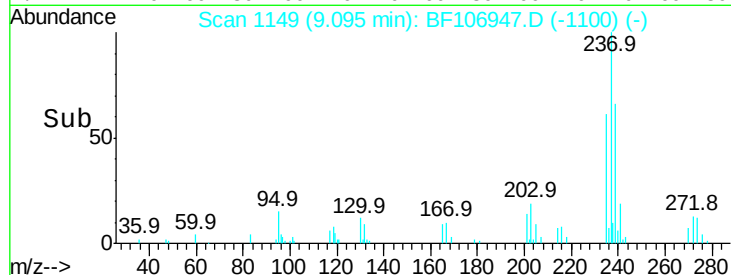
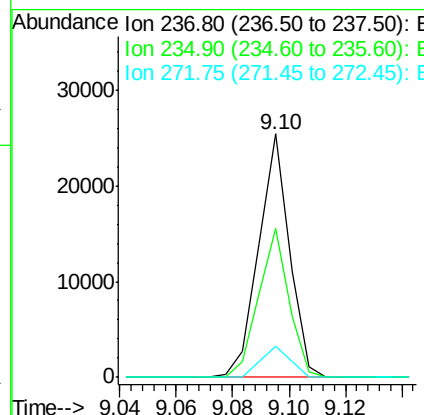
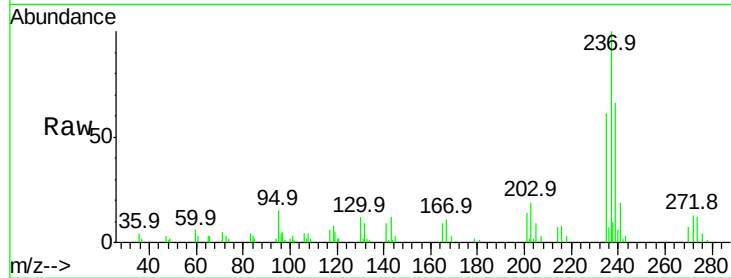
#40
Hexachlorocyclopentadiene
Concen: 11.802 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion:	237	Resp:	19179
Ion Ratio	Lower	Upper	
237	100		
235	61.3	44.8	84.8
272	13.0	0.0	33.3

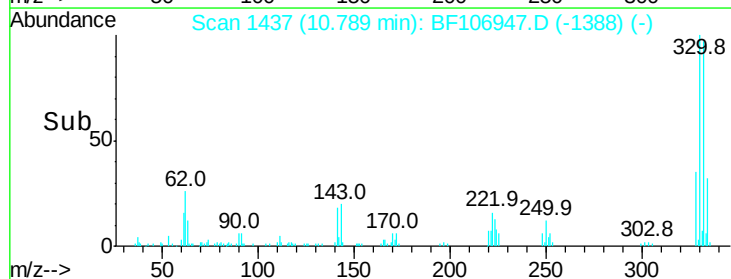
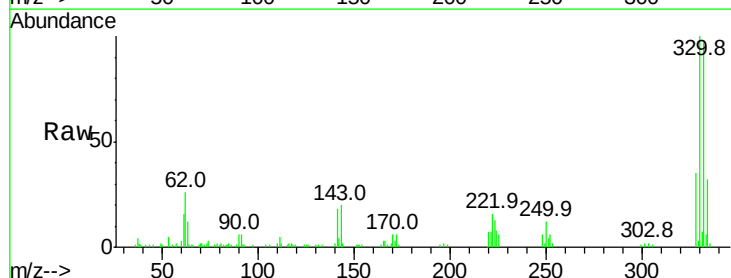
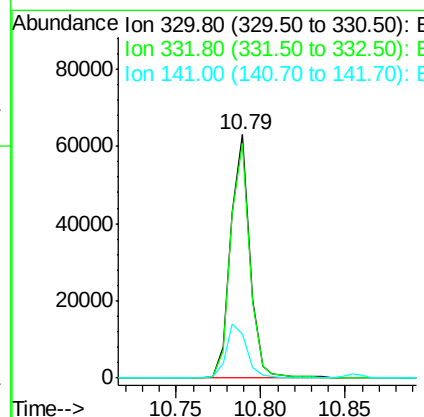
Manual Integrations
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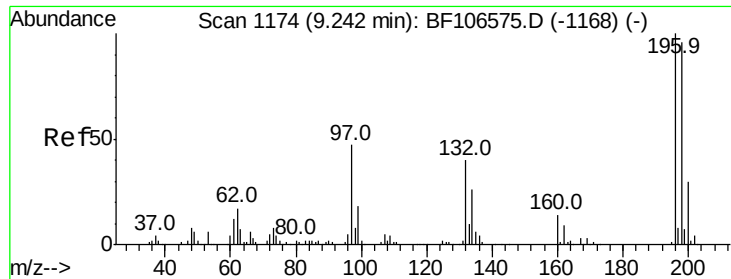
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#41
2,4,6-Tribromophenol
Concen: 45.898 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion:	330	Resp:	49891
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.0	115.6
141	23.7	29.9	44.9#





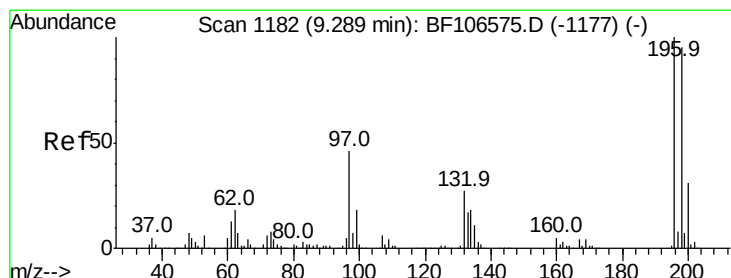
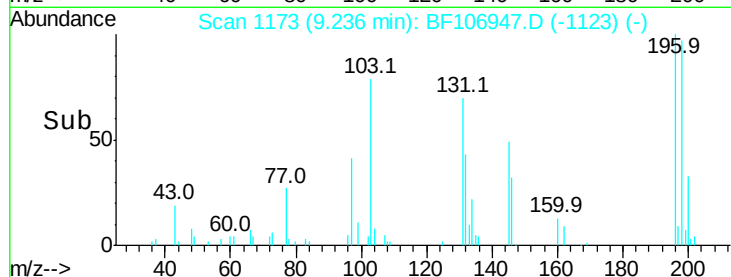
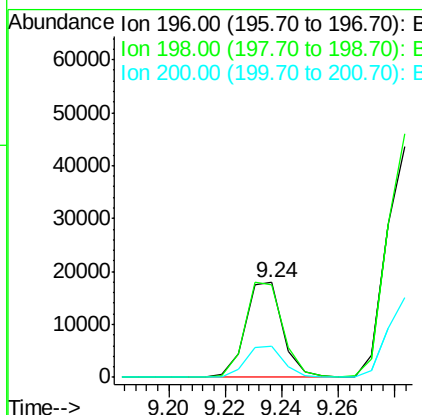
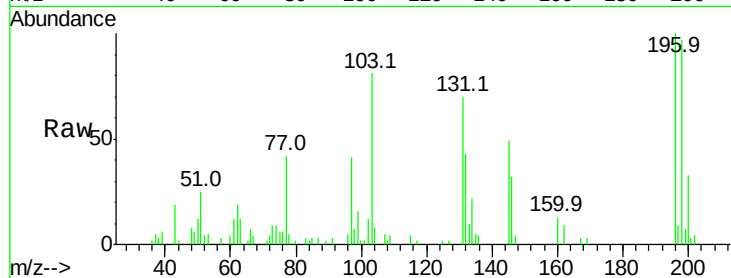
#42
2,4,6-Trichlorophenol
Concen: 7.857 ng
RT: 9.24 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	16495		
198	97.3	75.7	113.5	
200	33.5	24.5	36.7	

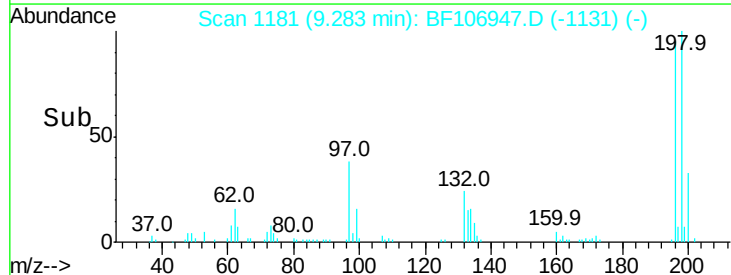
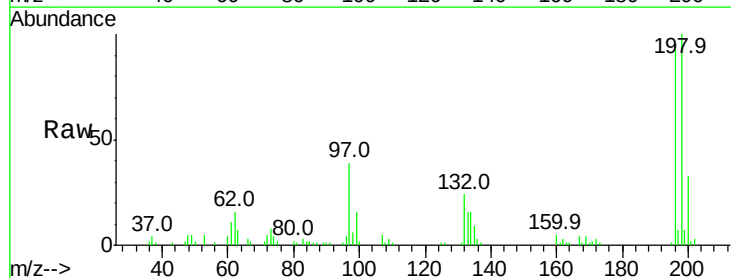
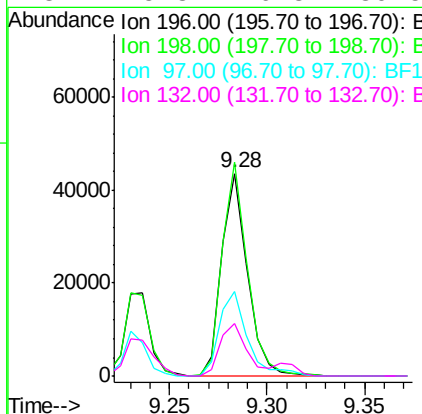
Manual Integrations
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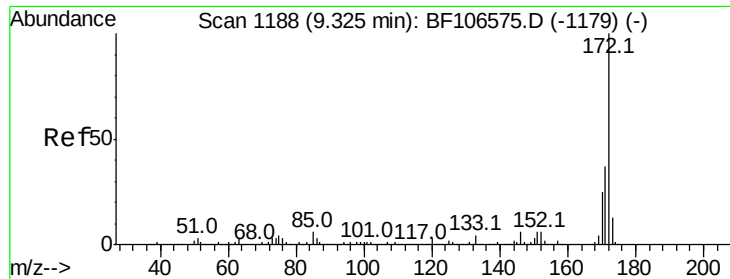
Sohil
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#43
2,4,5-Trichlorophenol
Concen: 18.299 ng
RT: 9.28 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	40089		
198	105.4	74.6	112.0	
97	41.6	42.9	64.3#	
132	25.8	26.3	39.5#	





#44

2-Fluorobiphenyl

Concen: 116.130 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

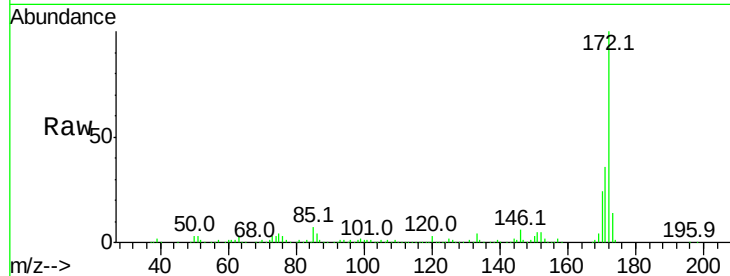
ClientSampleId :

S39-9005MSD

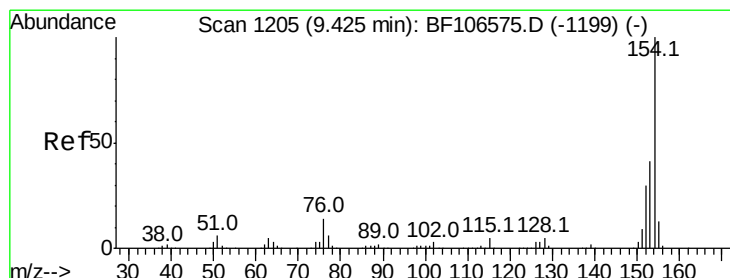
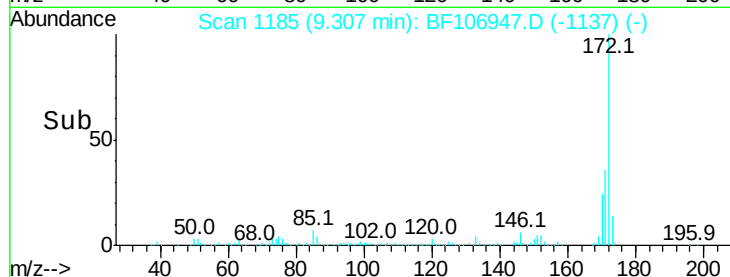
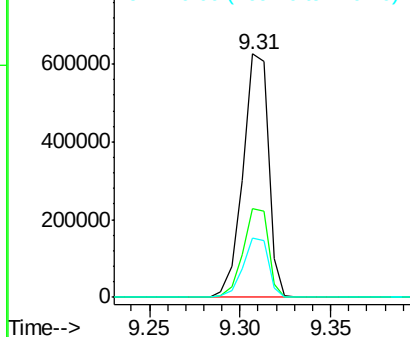
Tot Ion:	172	Resp:	613525
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4

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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 56.332 ng

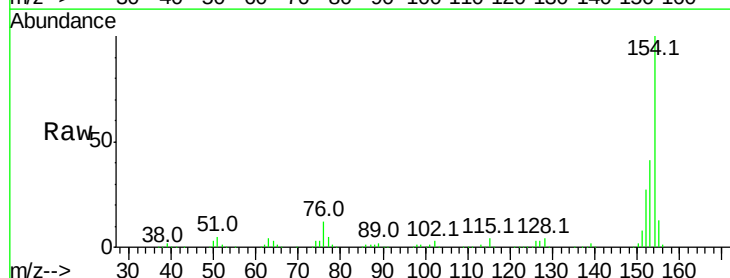
RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

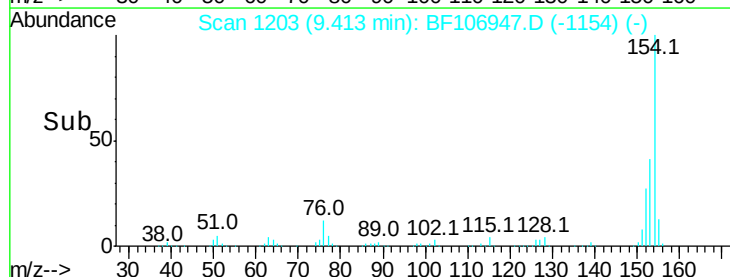
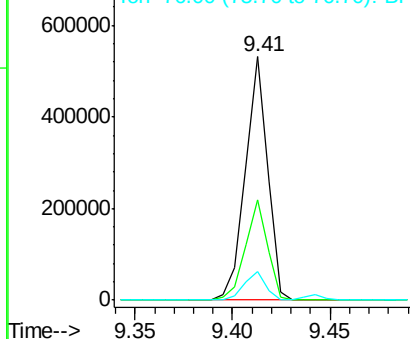
Lab File: BF106947.D

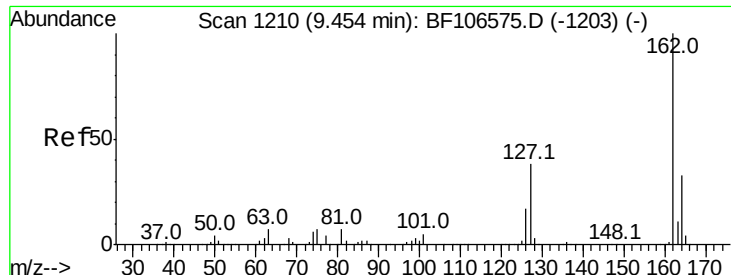
Acq: 29 Jun 2018 3:10

Tgt Ion:	154	Resp:	421044
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.3	61.3
76	11.5	0.0	34.0



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





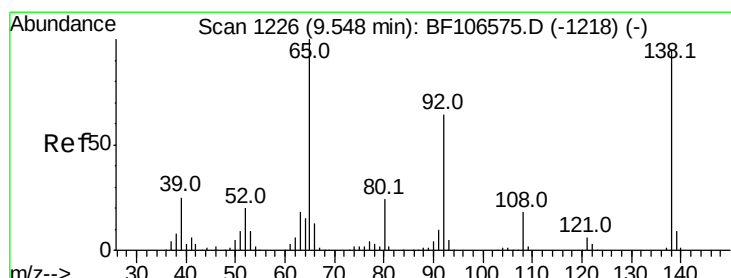
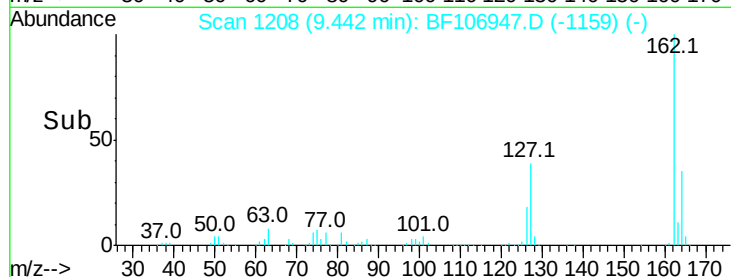
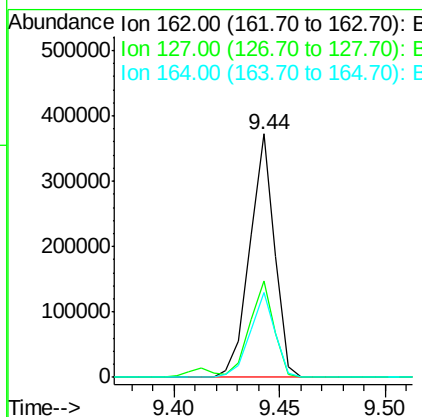
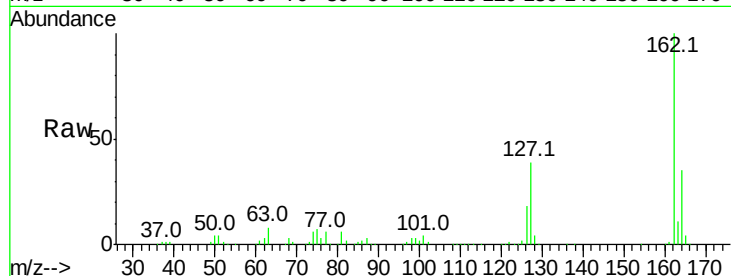
#46
 2-Chloronaphthalene
 Concen: 51.499 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	302989		
127	39.4		33.9	50.9
164	35.0		26.5	39.7

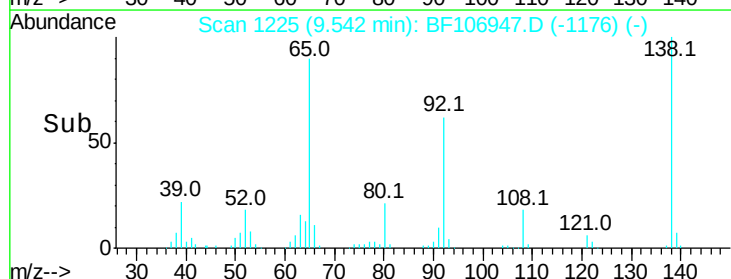
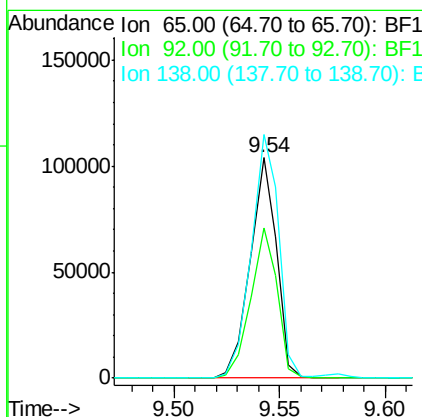
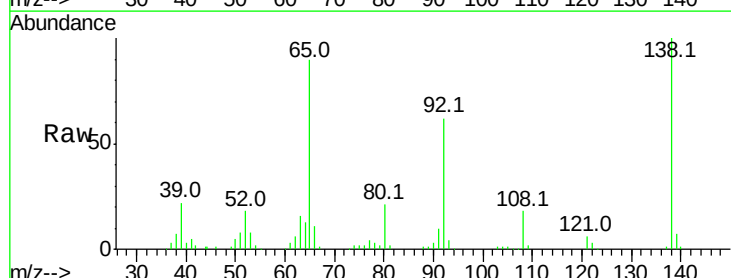
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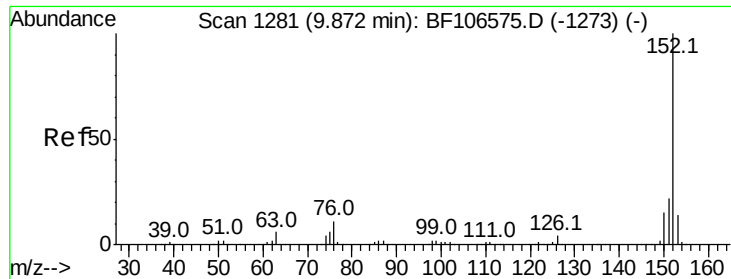
Sohil
 6/29/2018 2:31:06 PM



#47
 2-Nitroaniline
 Concen: 45.777 ng
 RT: 9.54 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	90564		
92	68.2		55.8	83.6
138	110.6		91.2	136.8





#48

Acenaphthylene

Concen: 48.792 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

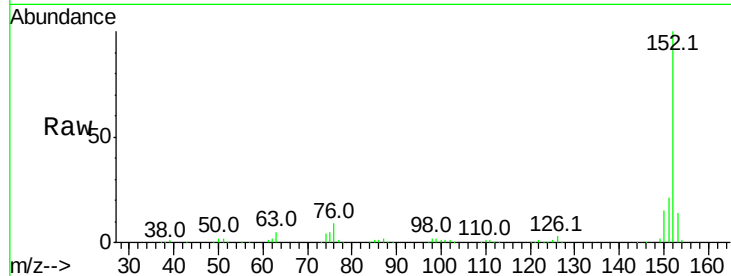
ClientSampleId :

S39-9005MSD

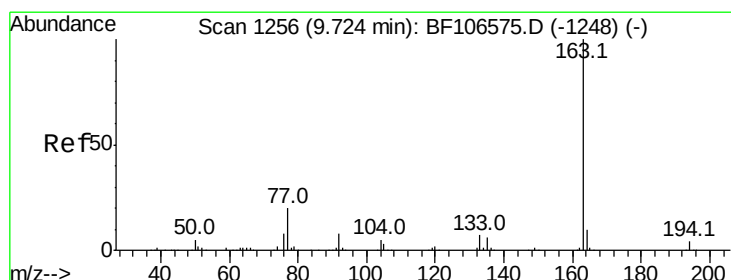
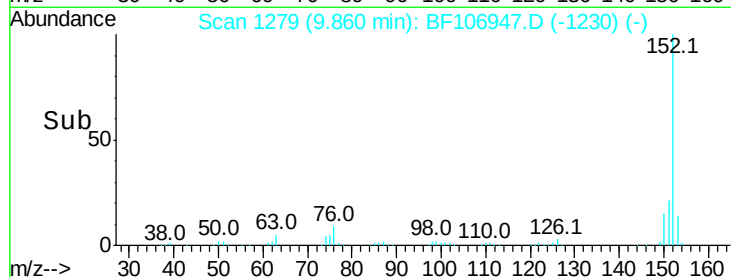
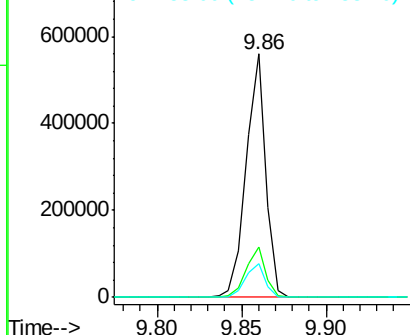
Tot Ion:	152	Resp:	453206
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.9	10.7	16.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 60.730 ng

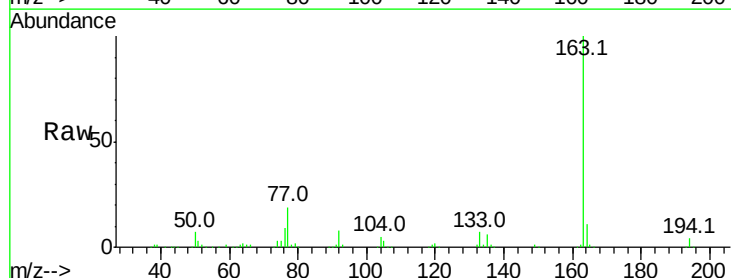
RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

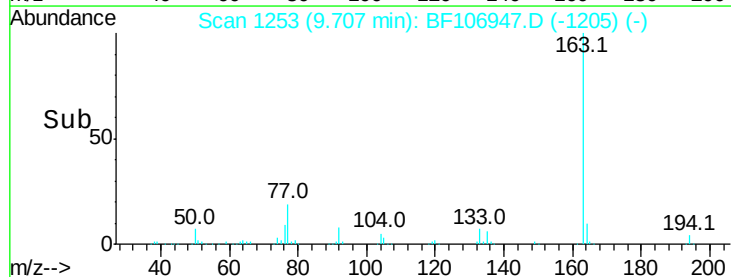
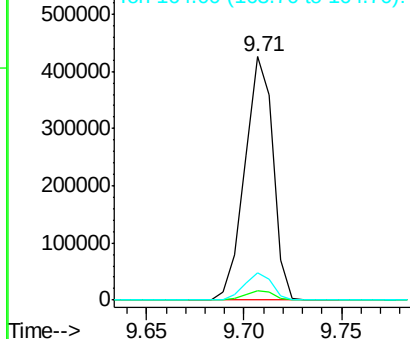
Lab File: BF106947.D

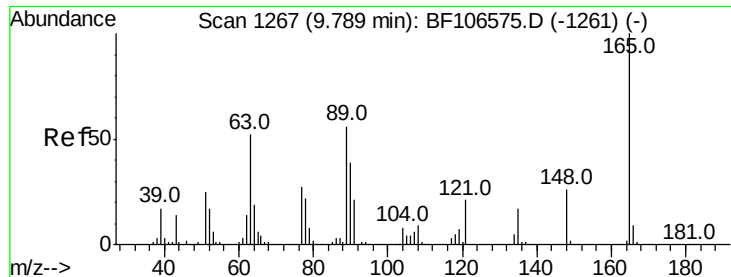
Acq: 29 Jun 2018 3:10

Tgt Ion:	163	Resp:	427181
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	11.0	8.2	12.2



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





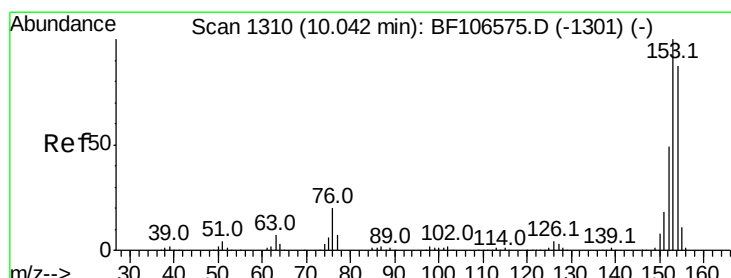
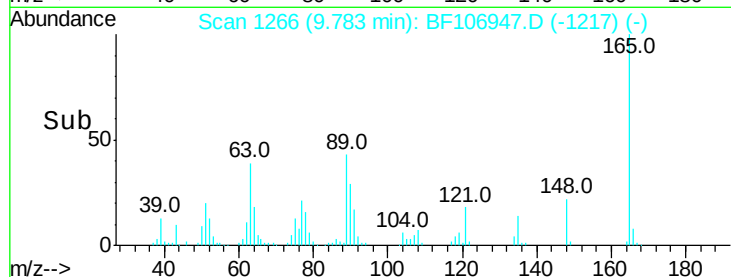
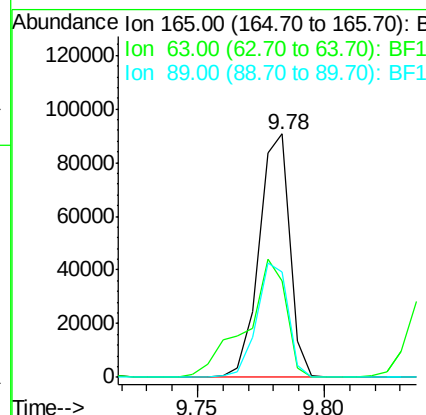
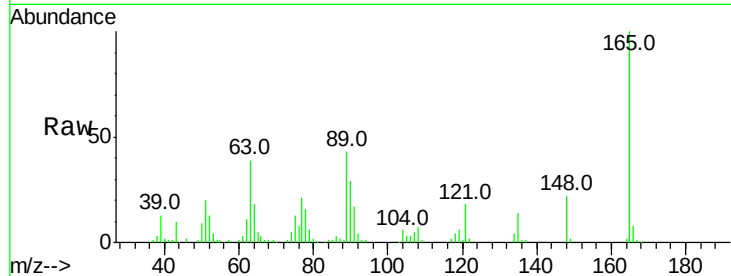
#50
 2,6-Dinitrotoluene
 Concen: 51.441 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	39.4	44.7	67.1#
89	43.1	44.0	66.0#

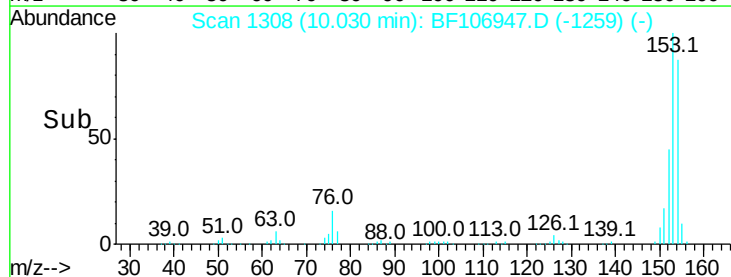
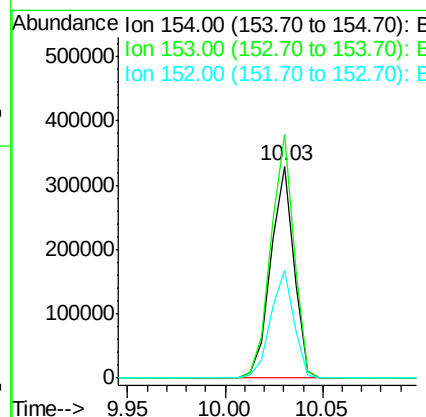
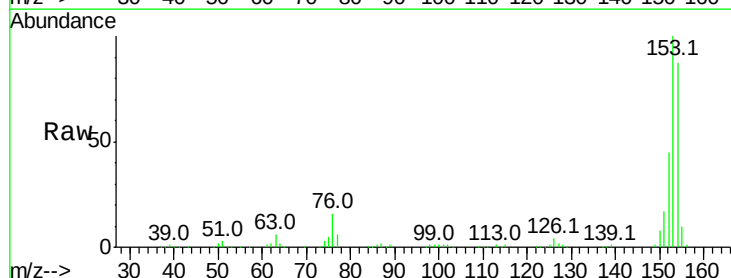
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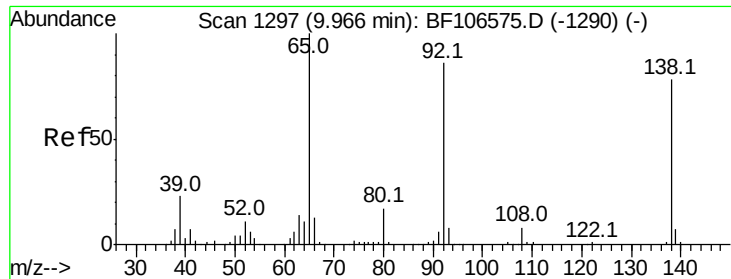
Sohil
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#51
 Acenaphthene
 Concen: 46.206 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	115.1	91.2	136.8
152	51.3	43.8	65.8





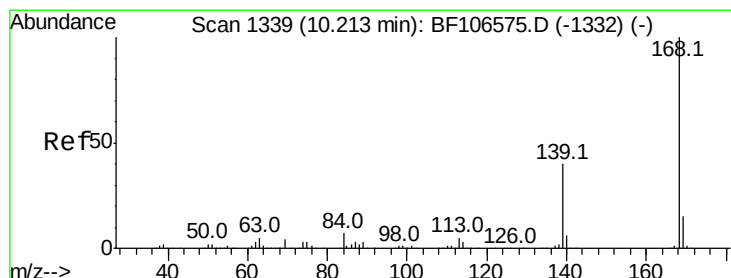
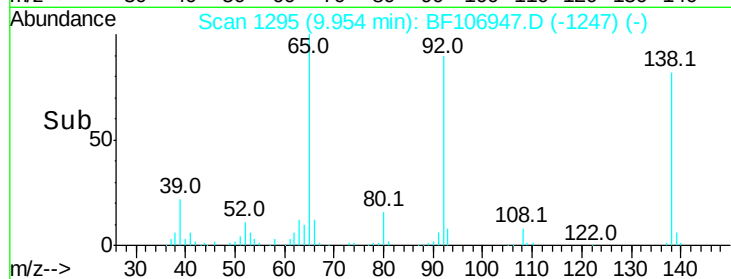
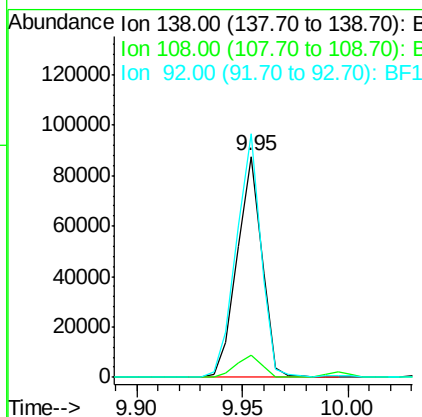
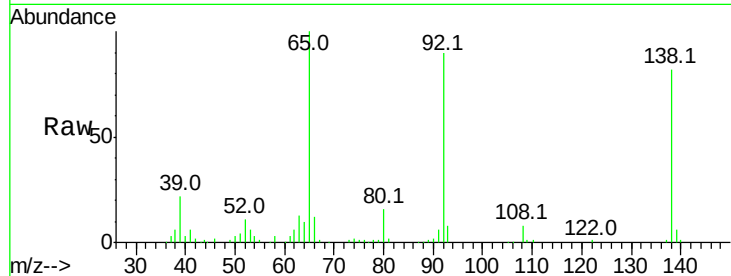
#52
3-Nitroaniline
Concen: 41.475 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.4	14.0
92	110.1	89.4	134.2

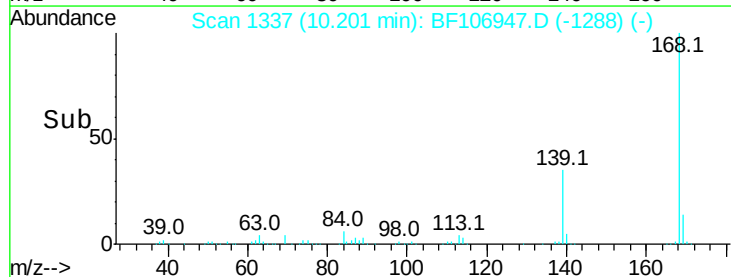
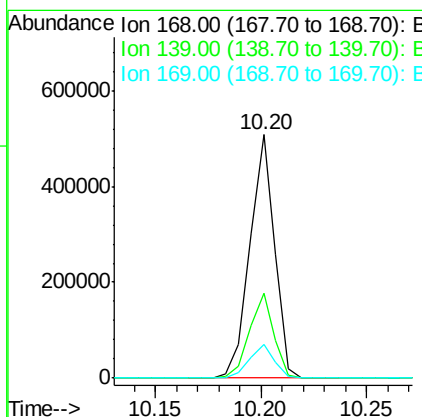
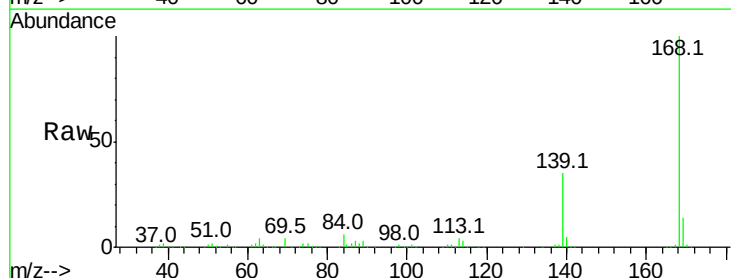
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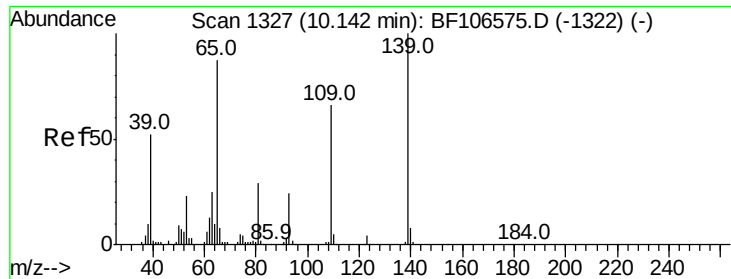
Sohil
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#54
Dibenzofuran
Concen: 51.468 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.0	30.1	45.1
169	13.6	10.9	16.3





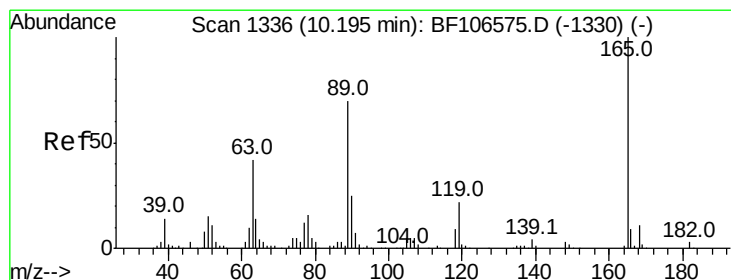
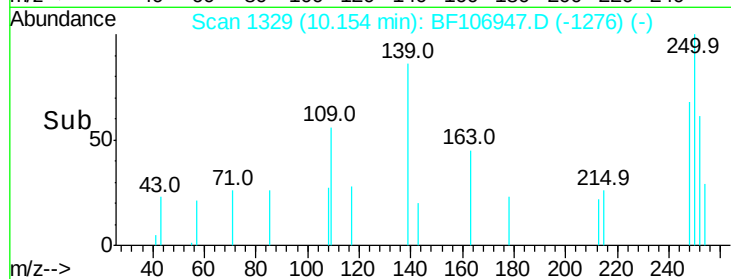
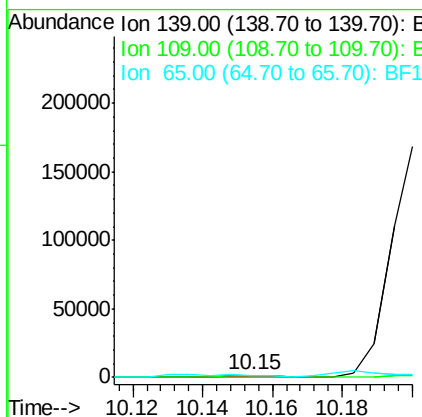
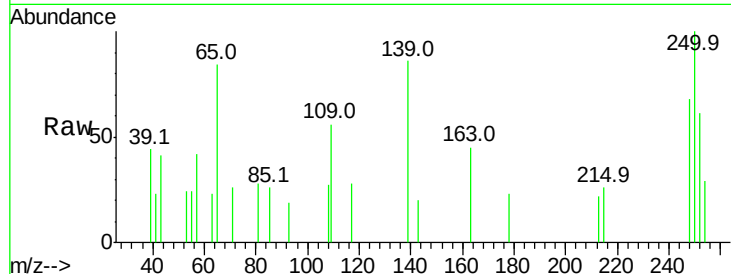
#55
4-Nitrophenol
Concen: 2.045 ng/ml
RT: 10.15 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.9	48.4	88.4
65	97.2	72.6	112.6

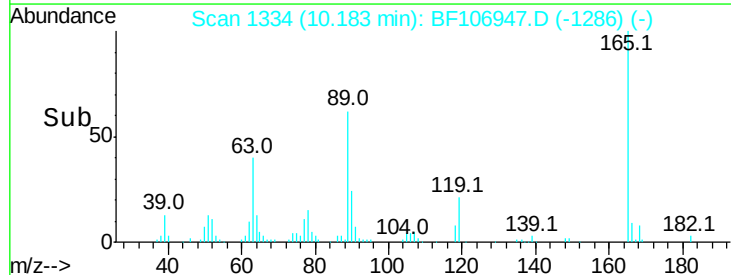
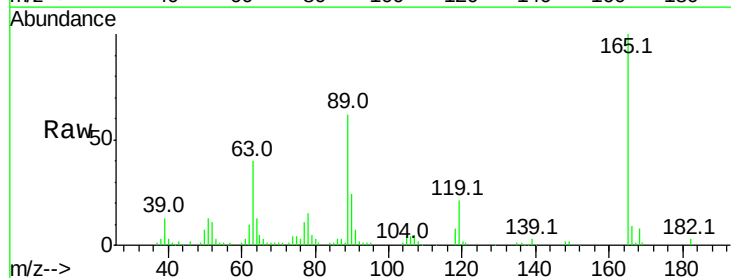
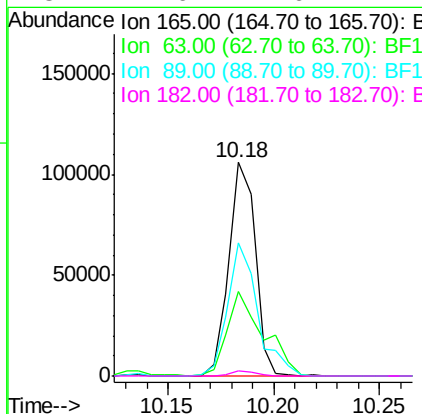
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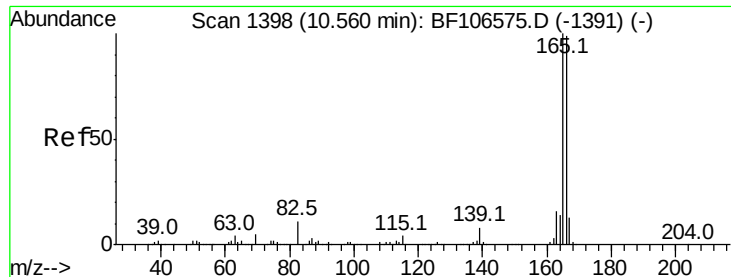
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#56
2,4-Dinitrotoluene
Concen: 47.061 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.6	36.4	54.6
89	62.5	57.8	86.6
182	2.6	1.6	2.4





#57

Fluorene

Concen: 47.950 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

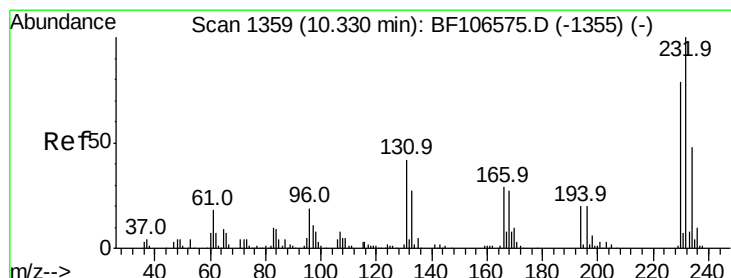
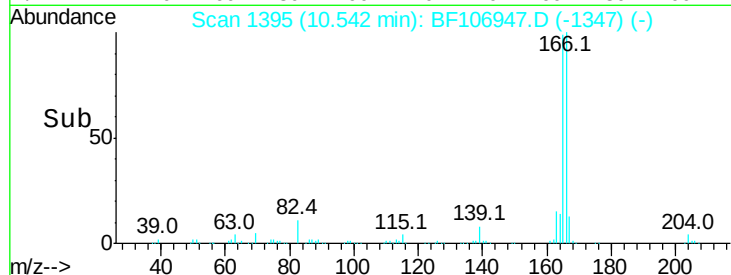
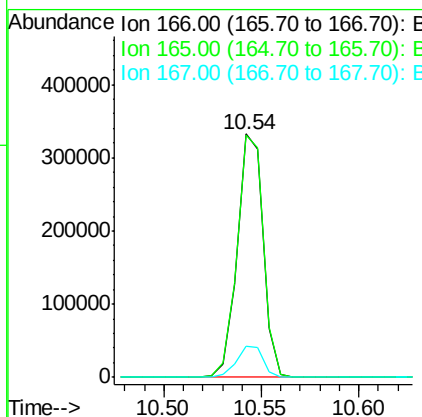
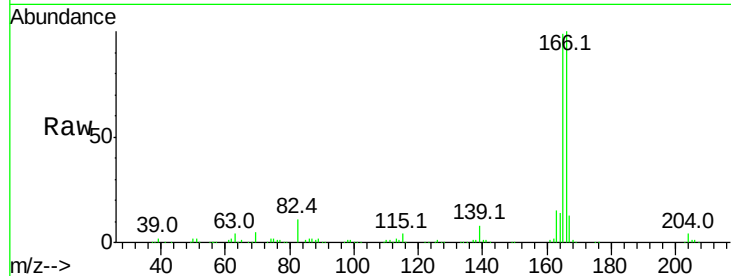
ClientSampleId :

S39-9005MSD

Tot Ion:	166	Resp:	304753
Ion Ratio	Lower	Upper	
166	100		
165	99.3	79.8	119.8
167	13.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 4.469 ng m

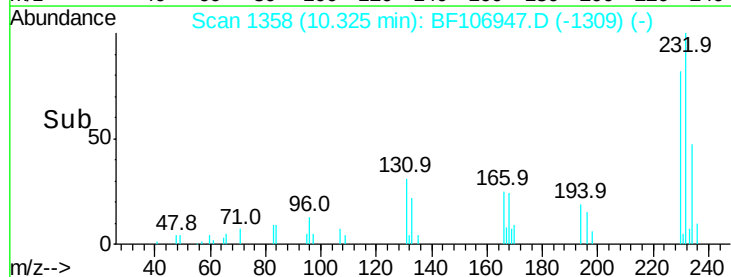
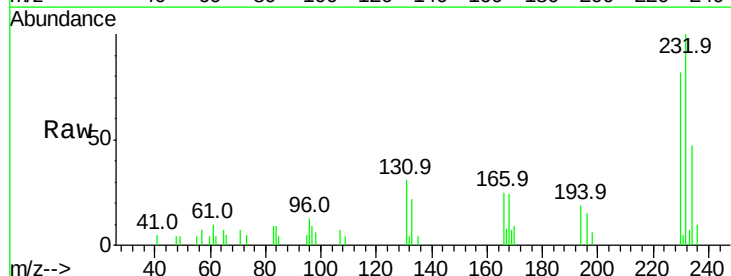
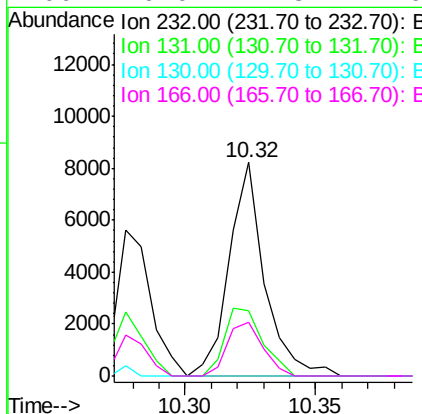
RT: 10.32 min Scan# 1358

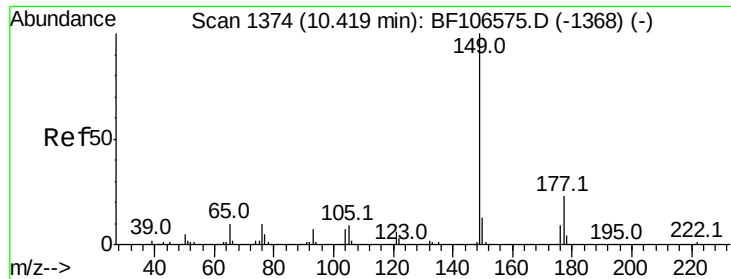
Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion:	232	Resp:	7782
Ion Ratio	Lower	Upper	
232	100		
131	34.3	43.8	65.8#
130	0.0	2.1	3.1#
166	0.0	27.8	41.6#





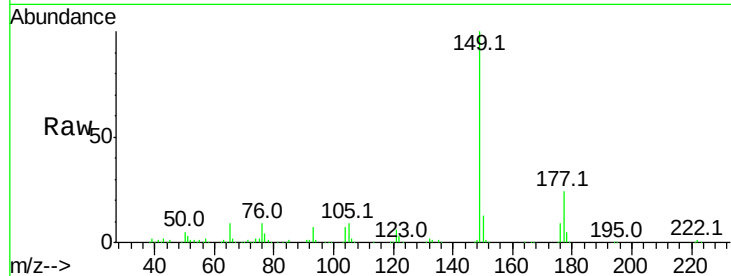
#59
Diethylphthalate
Concen: 45.350 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

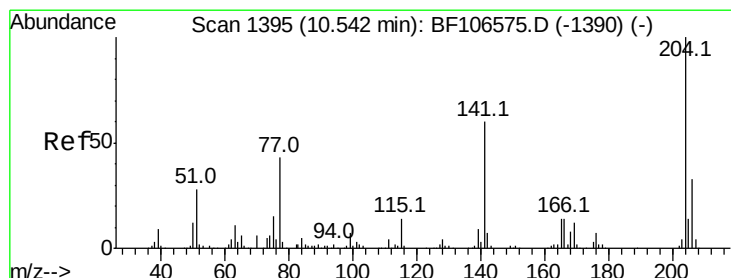
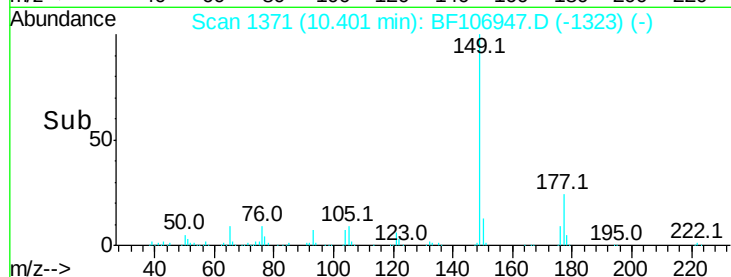
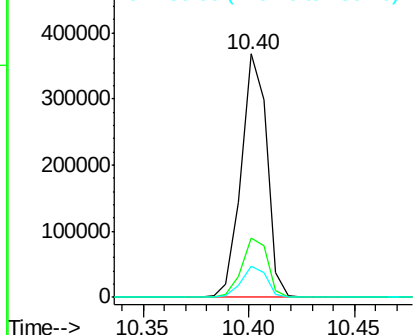
Tot Ion	Ratio	Resp	Lower	Upper
149	100	307887		
177	24.3	16.1	24.1#	
150	12.8	10.1	15.1	

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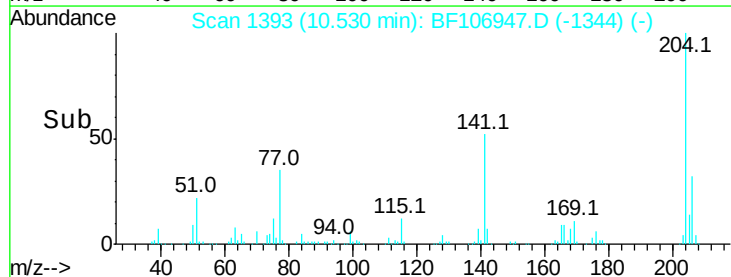
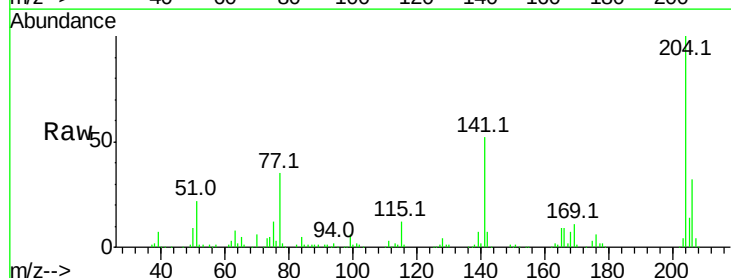
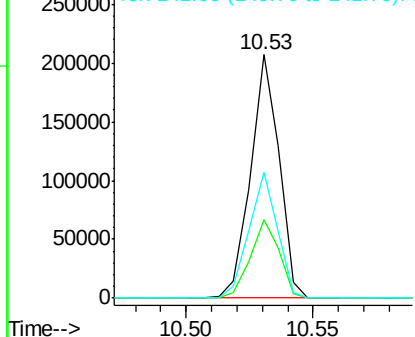
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

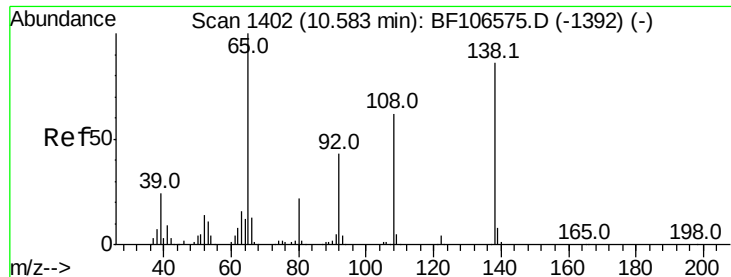


#60
4-Chlorophenyl-phenylether
Concen: 48.629 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	161711		
206	32.2	26.5	39.7	
141	51.8	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





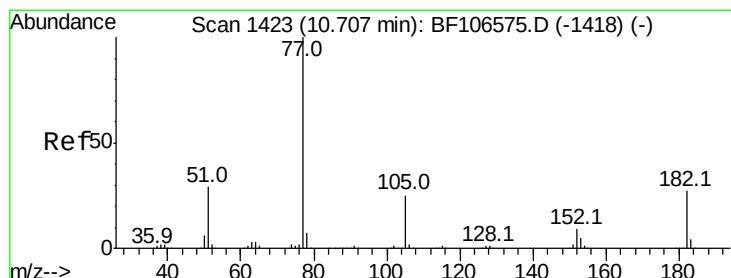
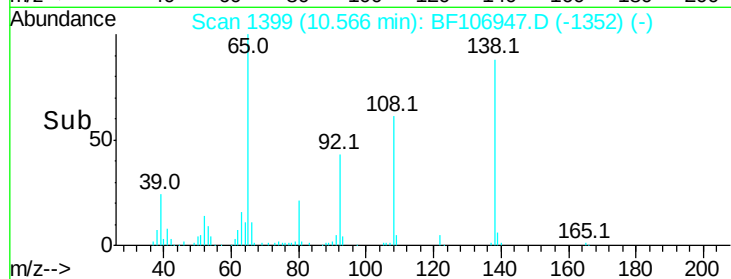
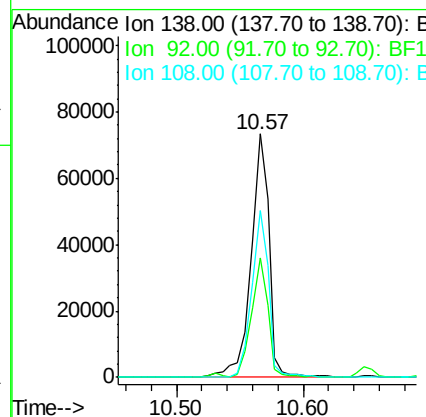
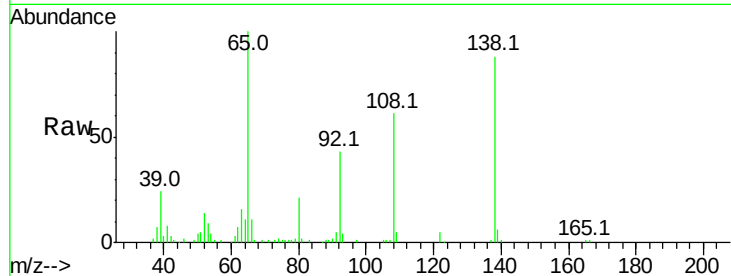
#61
4-Nitroaniline
Concen: 42.604 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.8	30.2	70.2
108	68.6	52.5	92.5

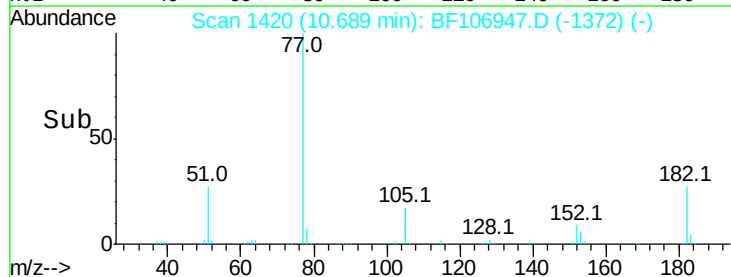
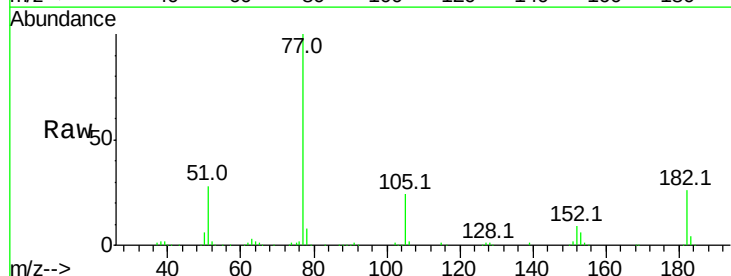
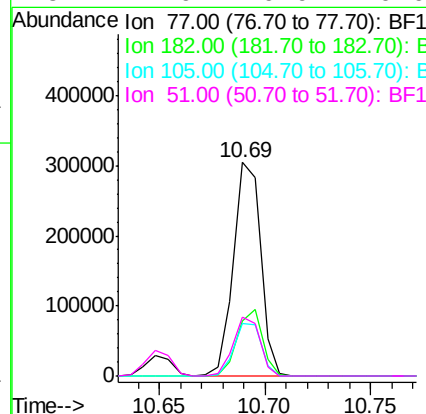
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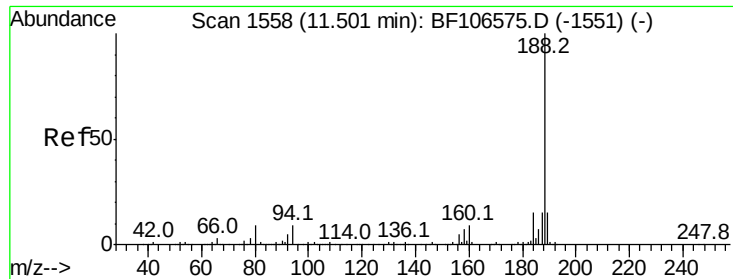
Sohil
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#62
Azobenzene
Concen: 40.338 ng
RT: 10.69 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	1.7	41.7
105	24.3	3.0	43.0
51	27.9	9.9	49.9





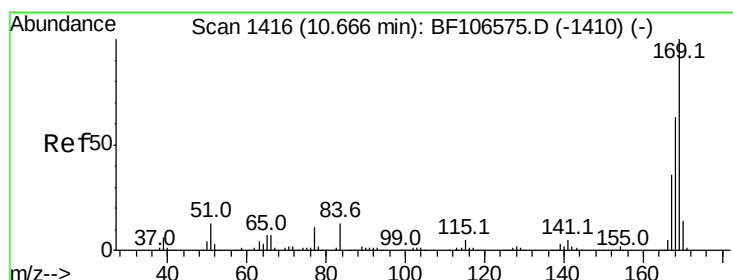
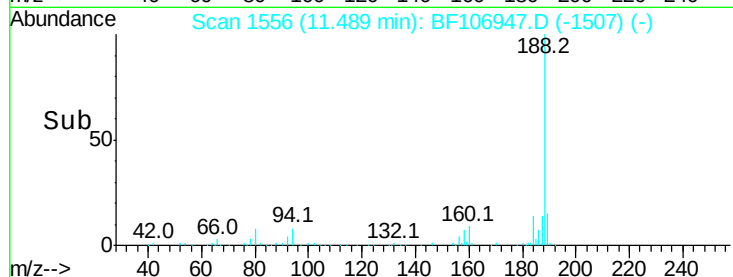
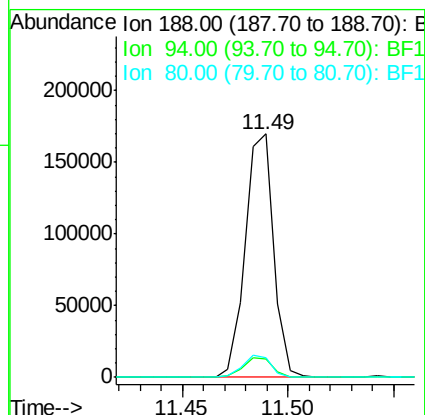
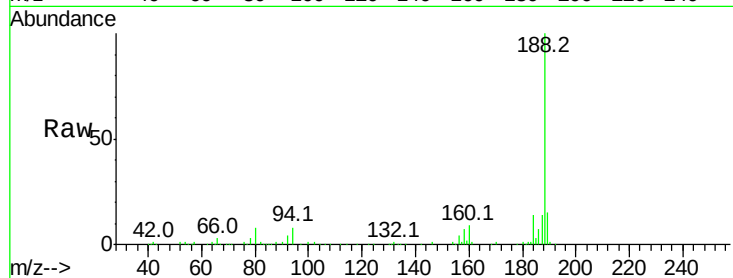
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	7.8	9.2	13.8#

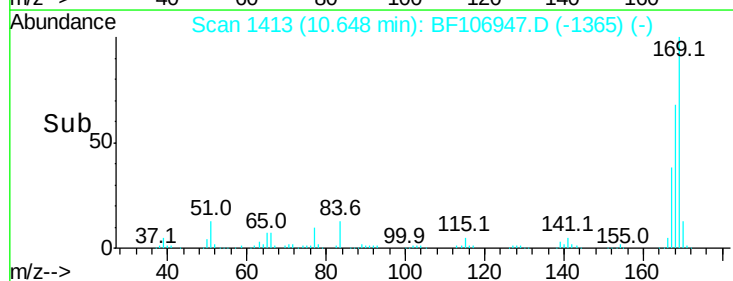
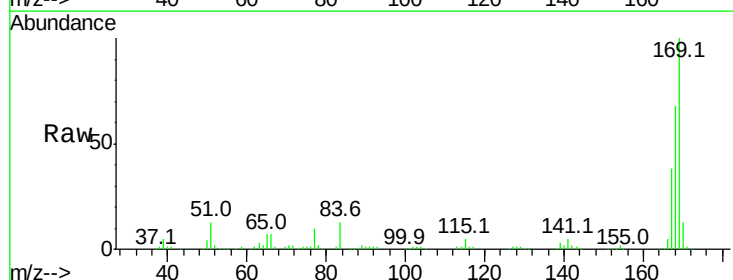
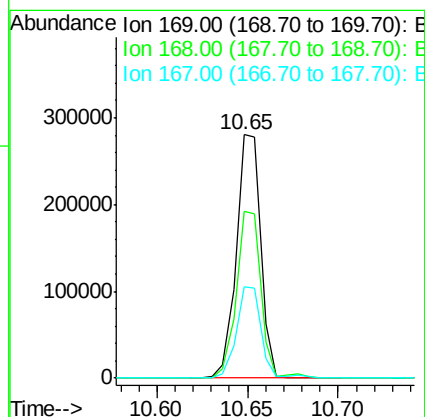
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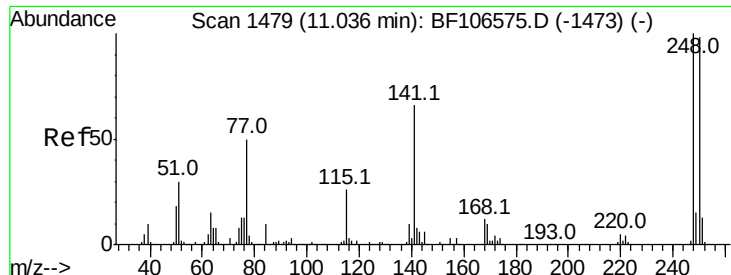
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#65
n-Nitrosodiphenylamine
Concen: 49.504 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp Lower	Upper
169	100		
168	68.4	54.4	81.6
167	37.7	29.8	44.6





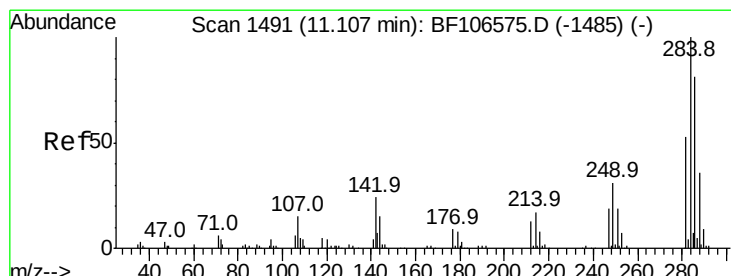
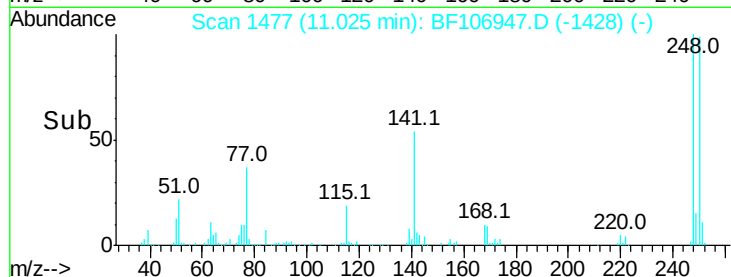
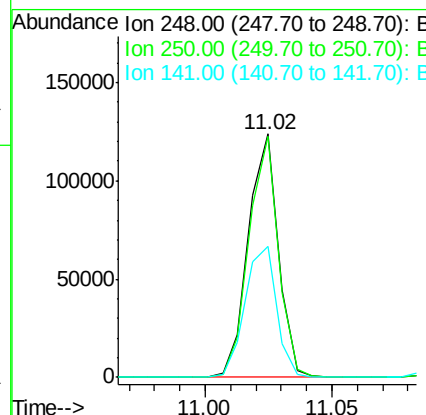
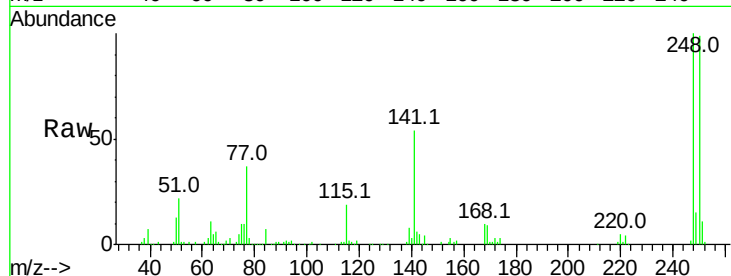
#66
 4-Bromophenyl-phenylether
 Concen: 54.249 ng
 RT: 11.02 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	76.9	115.3
141	53.8	74.4	111.6

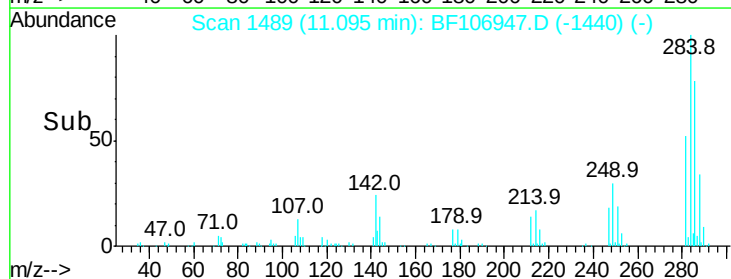
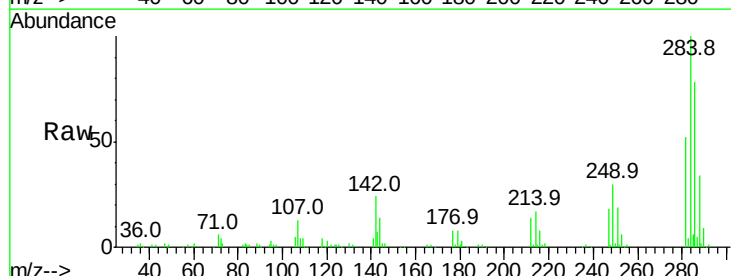
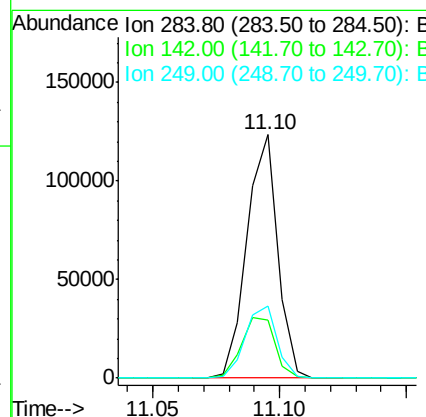
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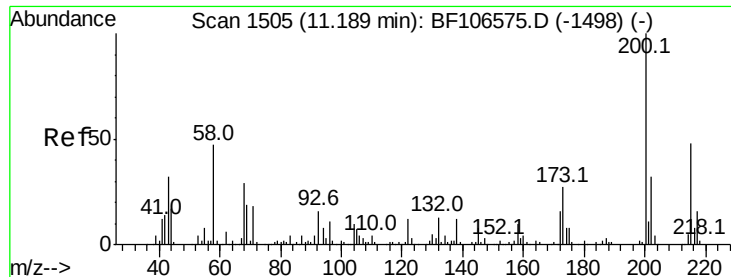
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#67
 Hexachlorobenzene
 Concen: 52.853 ng
 RT: 11.10 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.6	34.6	52.0
249	29.9	24.8	37.2





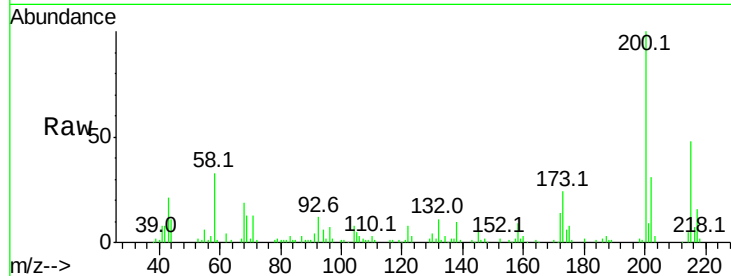
#68
Atrazine
Concen: 52.819 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

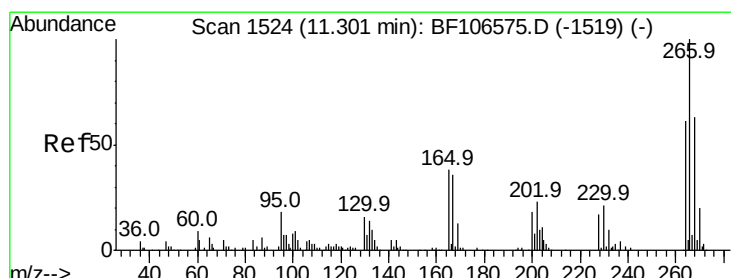
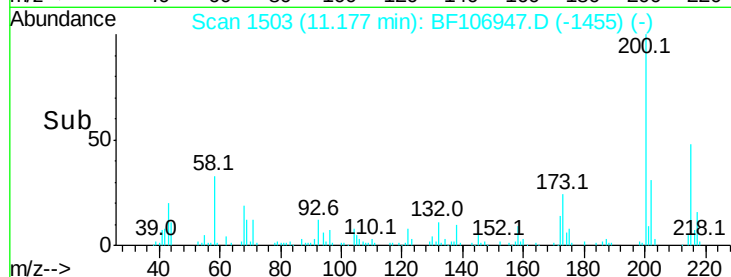
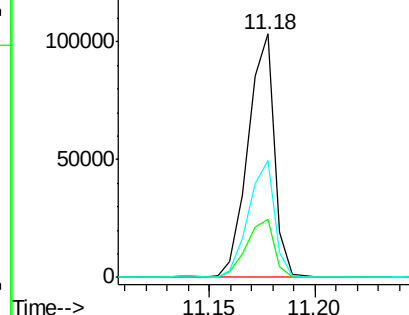
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.9	8.6	48.6
215	48.0	25.1	65.1

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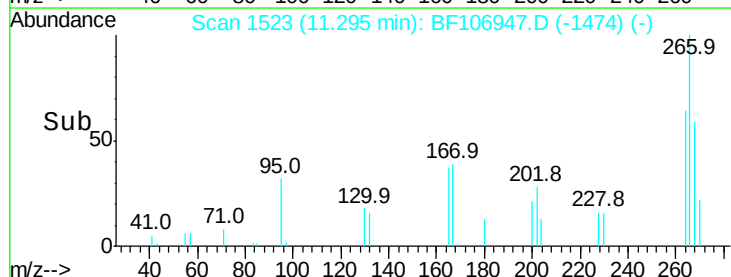
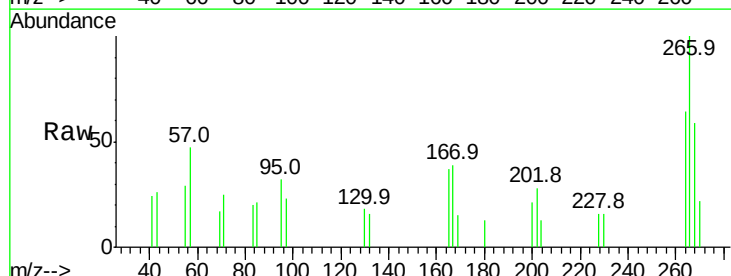
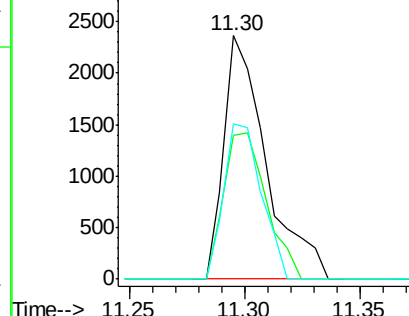
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

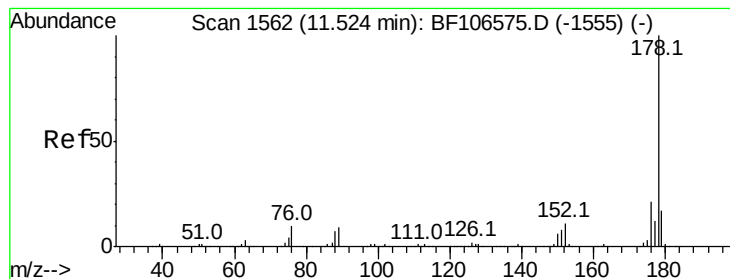


#69
Pentachlorophenol
Concen: 3.055 ng
RT: 11.30 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	58.9	51.1	76.7
264	63.9	49.5	74.3

Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 53.837 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

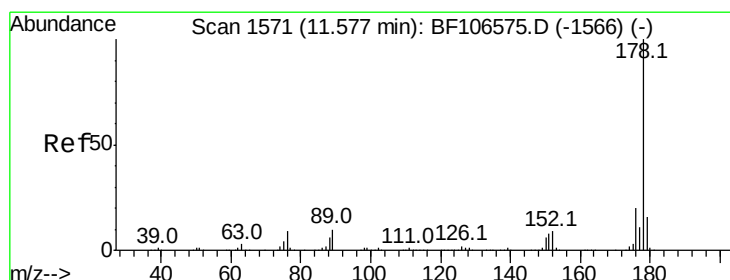
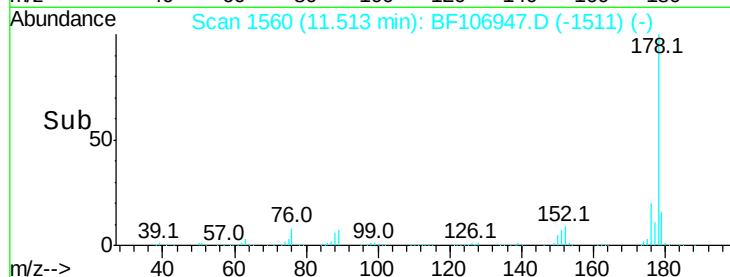
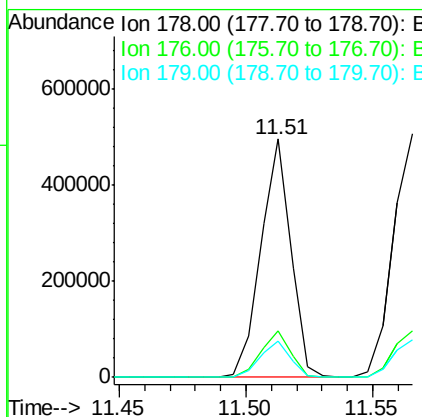
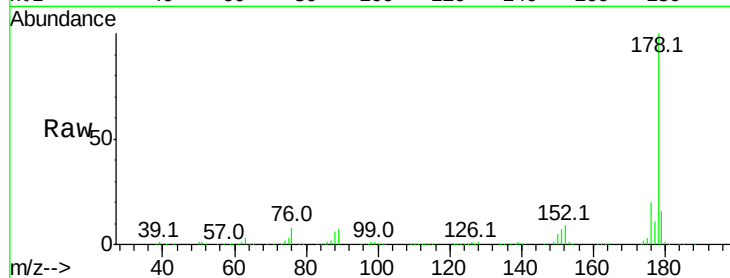
ClientSampleId :

S39-9005MSD

Tot Ion:	178	Resp:	409606
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.8	23.8
179	15.5	13.0	19.6

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#71

Anthracene

Concen: 54.440 ng

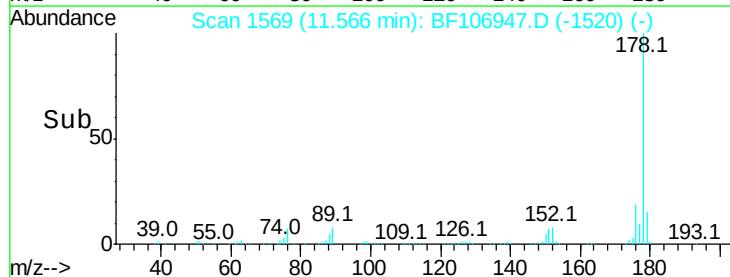
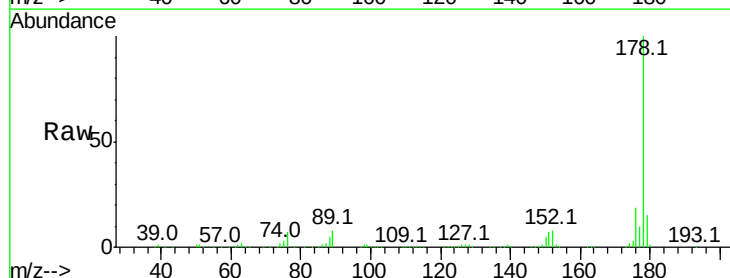
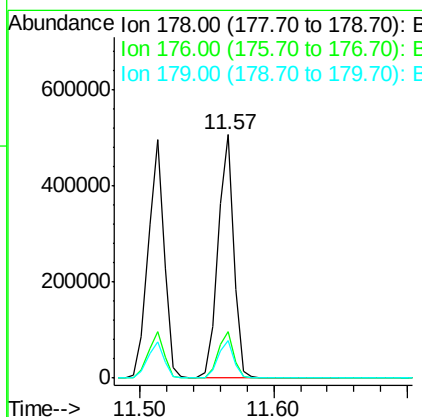
RT: 11.57 min Scan# 1569

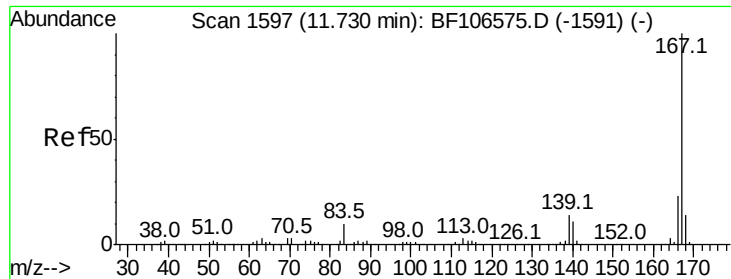
Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion:	178	Resp:	422769
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.4	23.2
179	15.4	12.6	19.0





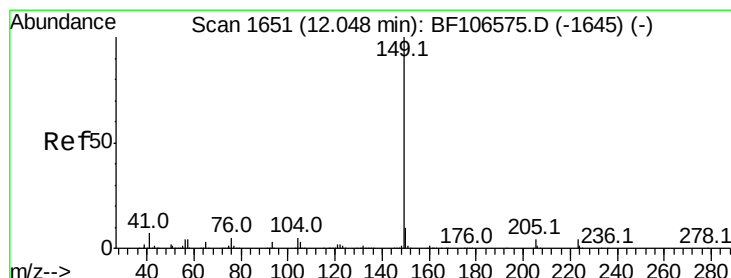
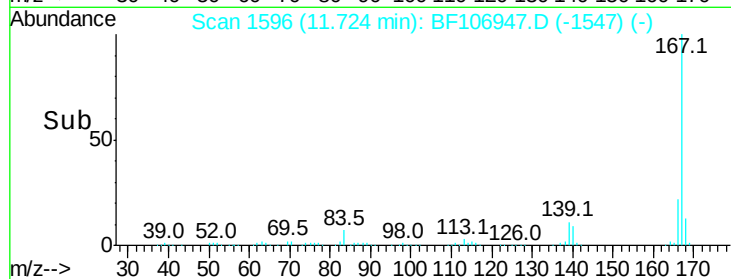
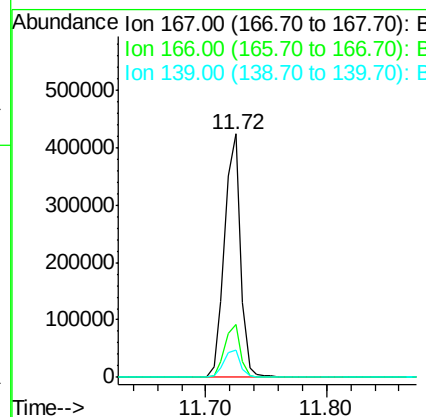
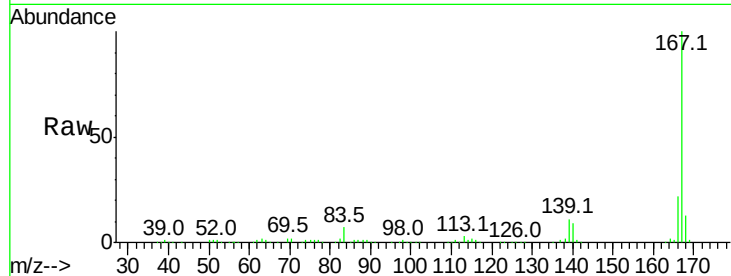
#72
 Carbazole
 Concen: 52.942 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.9	17.6	26.4	
139	11.4	10.9	16.3	

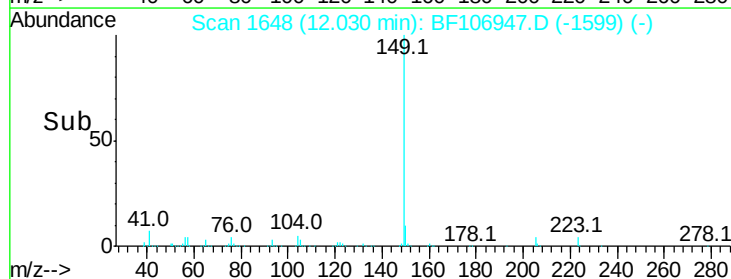
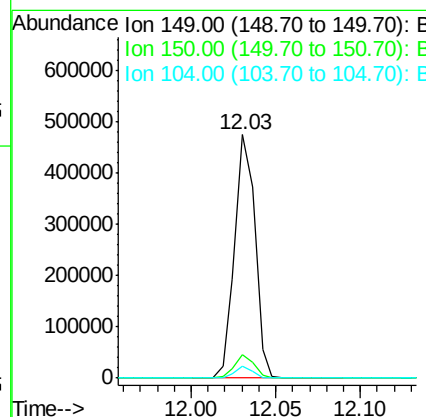
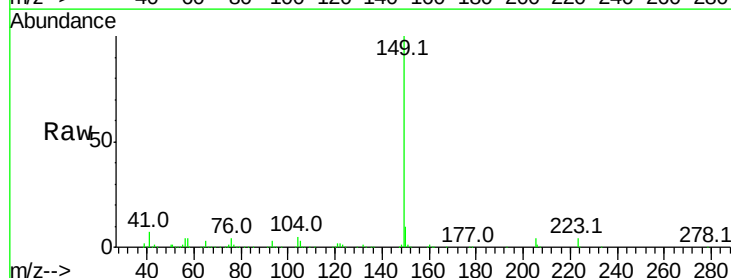
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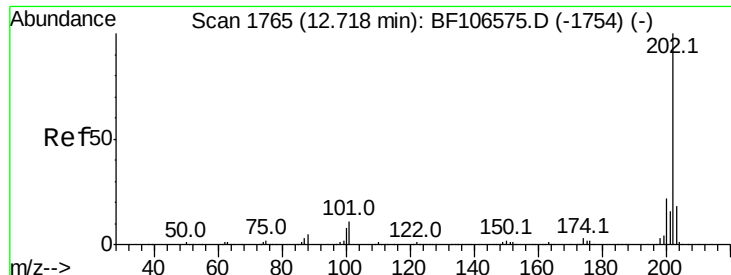
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#73
 Di-n-butylphthalate
 Concen: 46.433 ng
 RT: 12.03 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BF106947.D
 Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.8	11.6	
104	4.7	3.8	5.8	





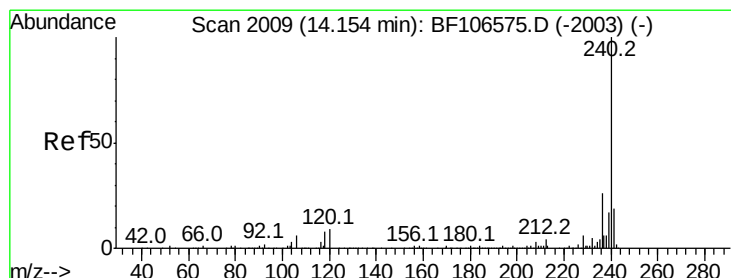
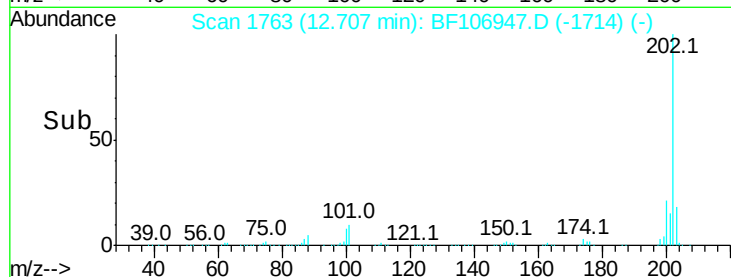
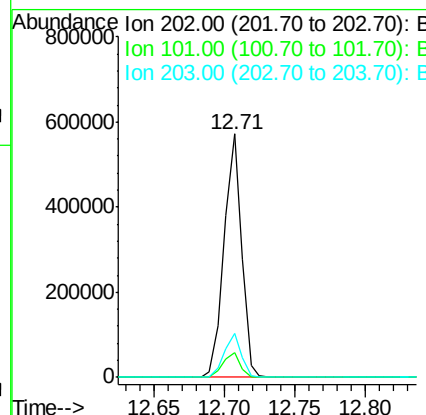
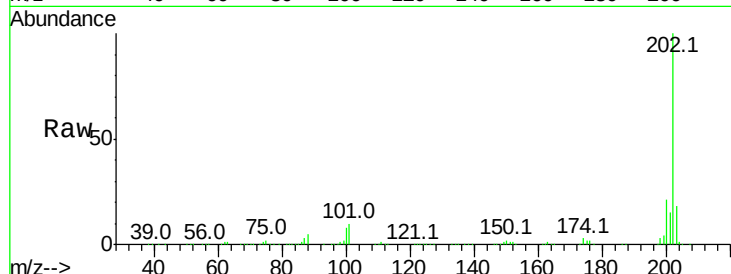
#74
Fluoranthene
Concen: 58.931 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	34.1
203	18.0	0.0	38.1

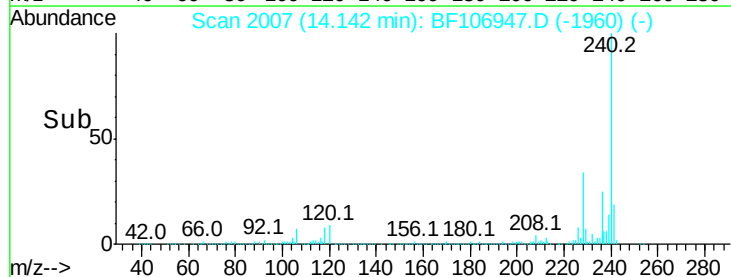
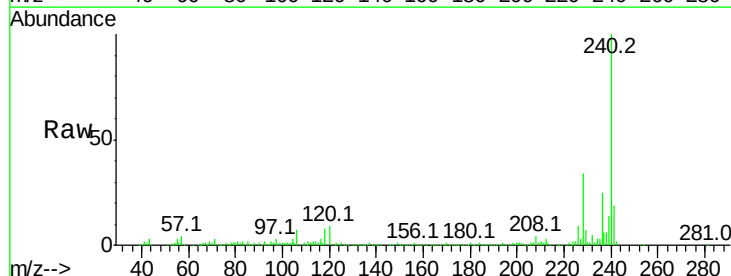
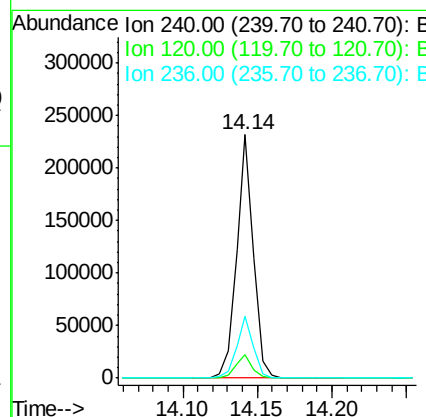
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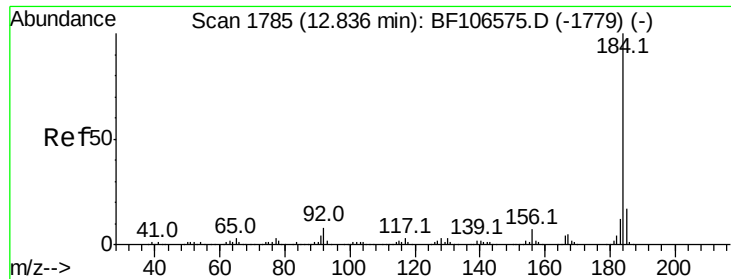
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.3	20.7	31.1





#76

Benzidine

Concen: 47.480 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

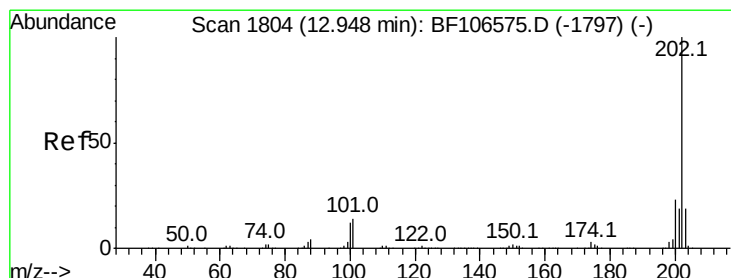
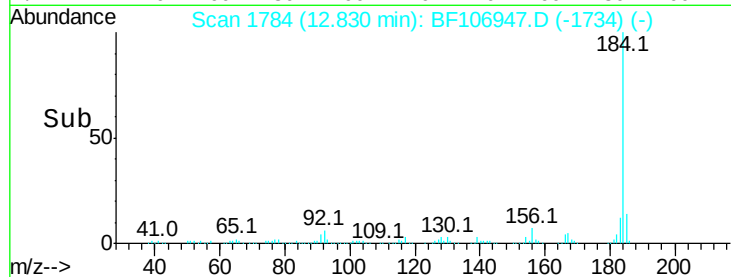
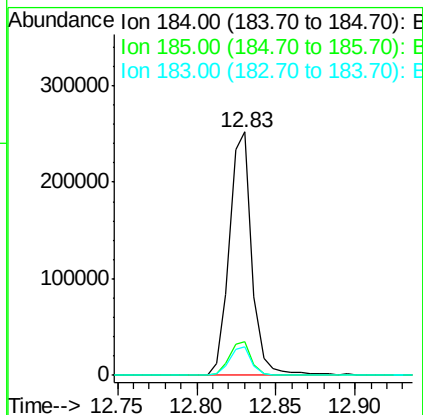
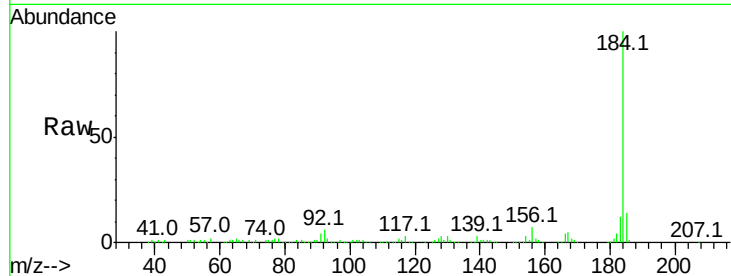
ClientSampleId :

S39-9005MSD

Tot Ion:	184	Resp:	248711
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.6	18.8
183	11.7	9.3	13.9

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#77

Pyrene

Concen: 41.892 ng

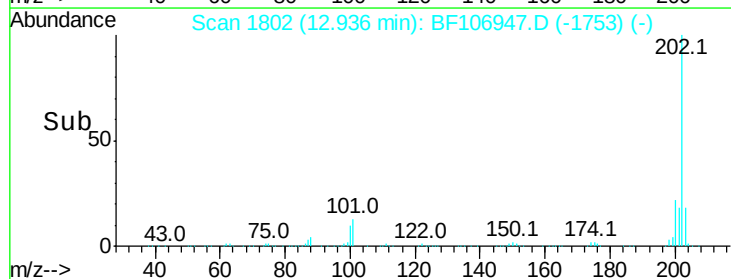
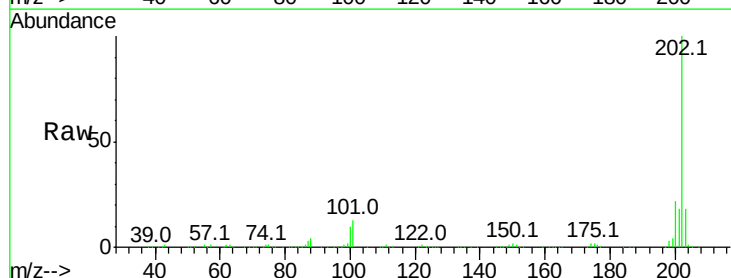
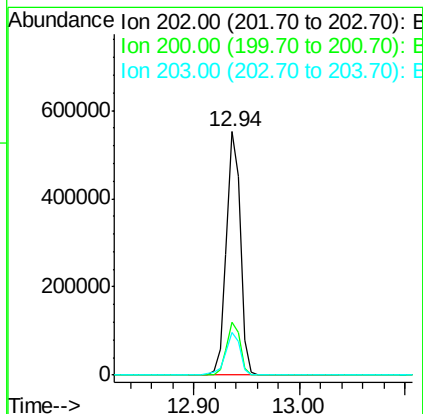
RT: 12.94 min Scan# 1802

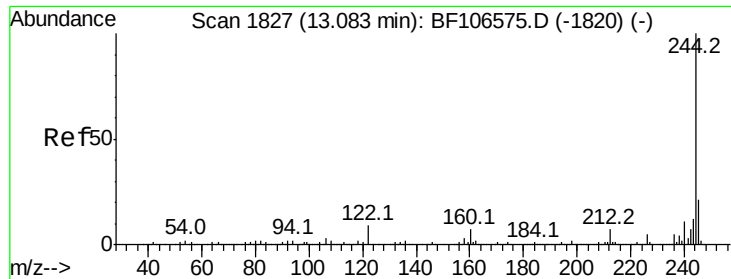
Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion:	202	Resp:	508100
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.6	14.3	21.5





#78

Terphenyl-d14

Concen: 83.869 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

ClientSampleId :

S39-9005MSD

Tot Ion:244 Resp: 636836

Ion Ratio Lower Upper

244 100

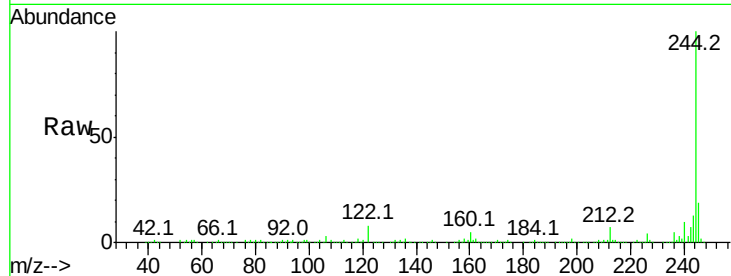
212 6.6 5.4 8.0

122 7.8 11.0 16.4#

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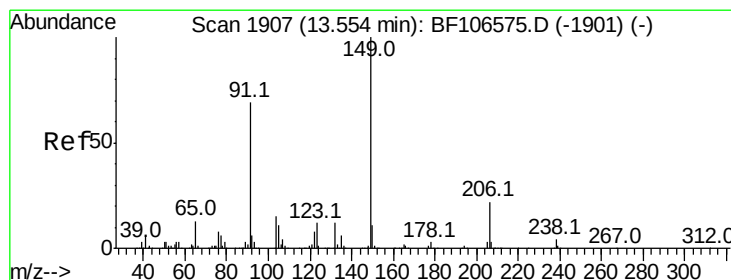
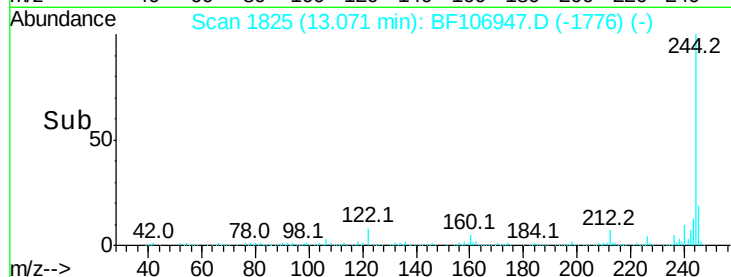
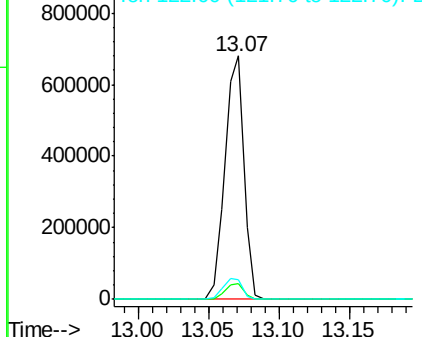
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.041 ng

RT: 13.54 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

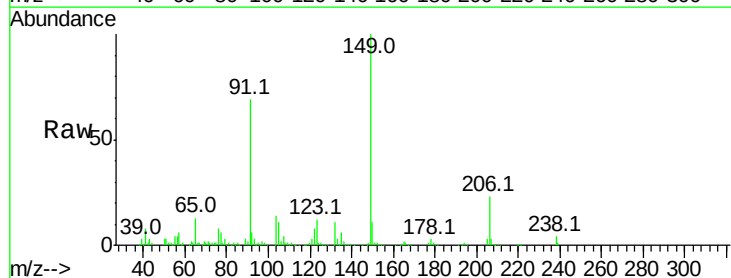
Tgt Ion:149 Resp: 189705

Ion Ratio Lower Upper

149 100

91 69.0 56.8 85.2

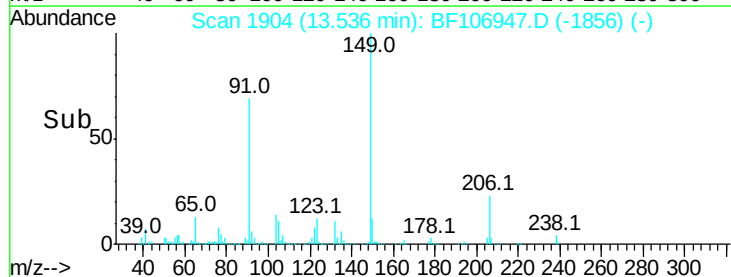
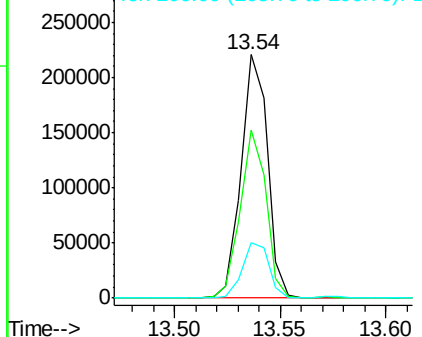
206 22.7 14.1 21.1#

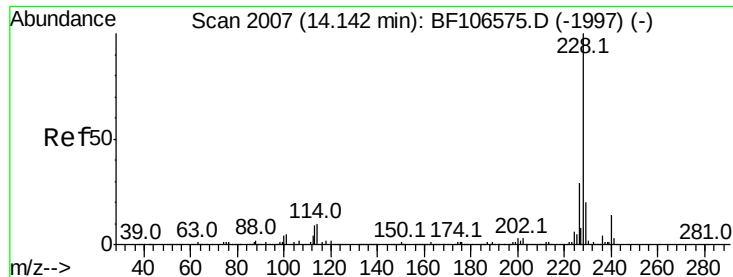


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





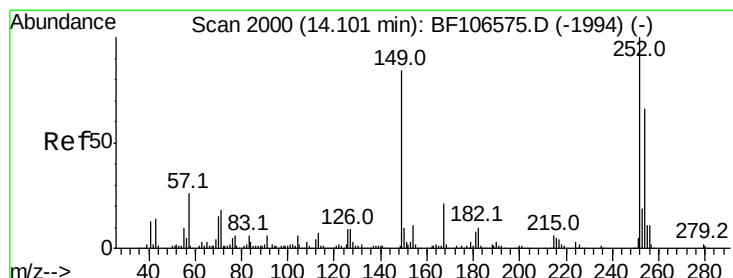
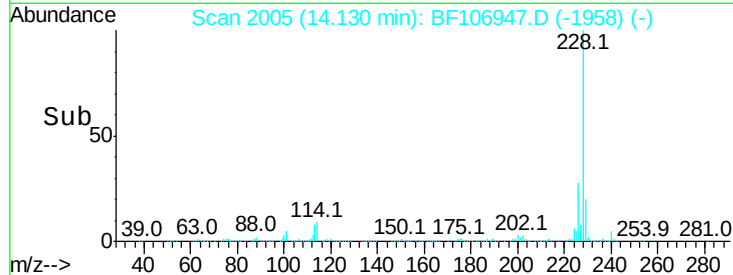
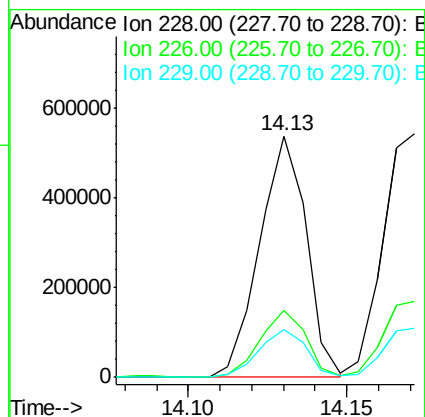
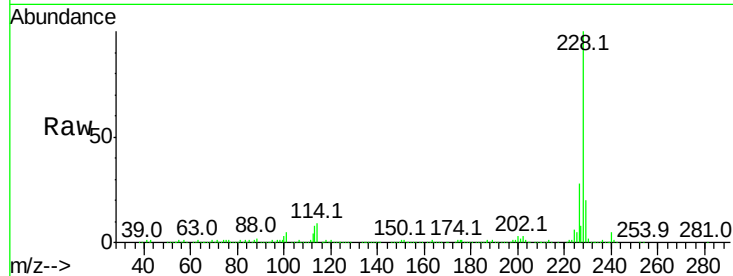
#80
Benzo(a)anthracene
Concen: 49.158 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.7	22.6	33.8	
229	20.0	15.8	23.6	

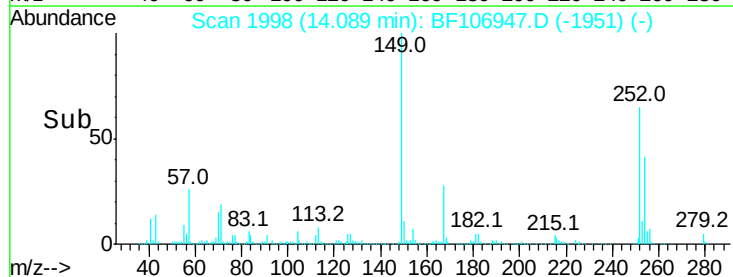
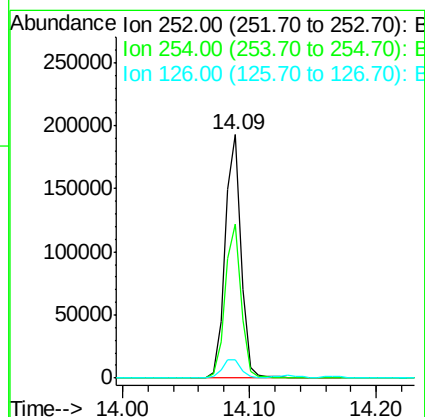
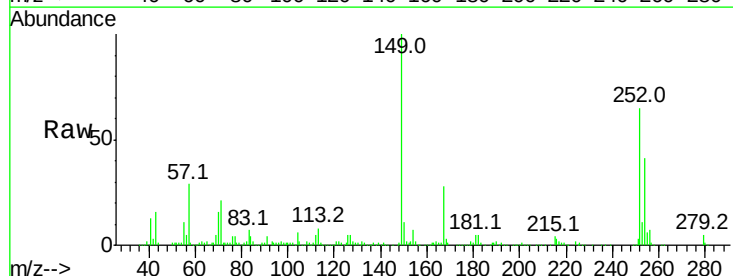
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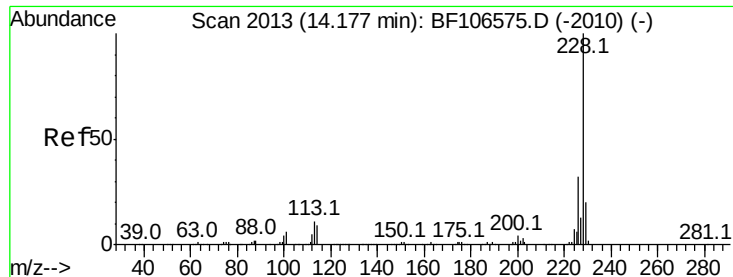
Sohil
6/29/2018 2:31:06 PM



#81
3,3'-Dichlorobenzidine
Concen: 42.964 ng
RT: 14.09 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
254	63.4	50.4	75.6	
126	7.5	11.3	16.9	





#82

Chrysene

Concen: 49.865 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

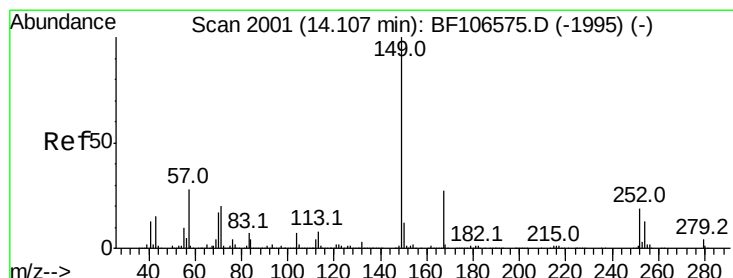
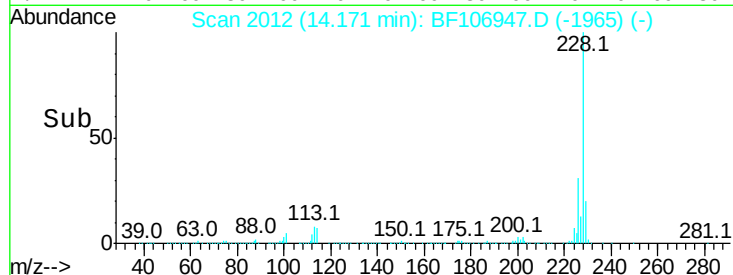
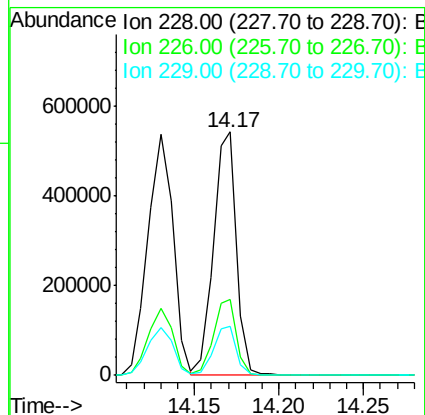
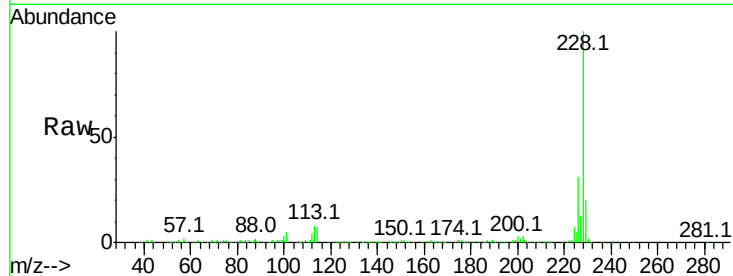
ClientSampleId :

S39-9005MSD

Tot Ion:	228	Resp:	514265
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	20.3	16.2	24.4

Manual Integrations
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6/29/2018 2:31:06 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.861 ng

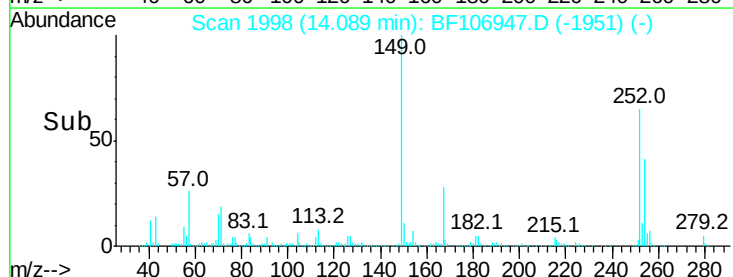
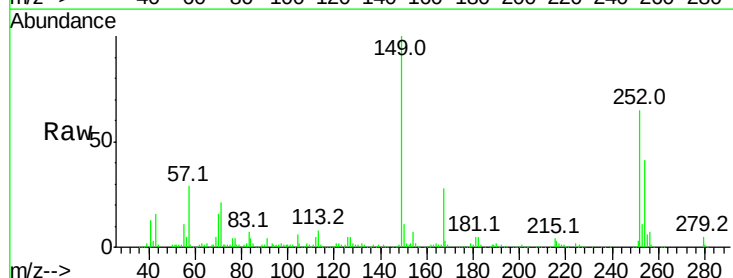
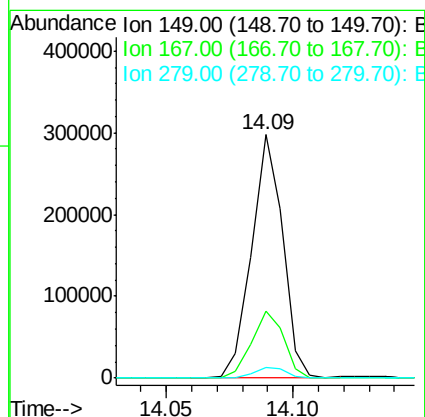
RT: 14.09 min Scan# 1998

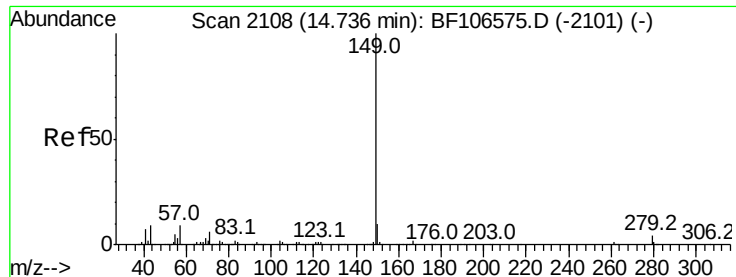
Delta R.T. -0.02 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion:	149	Resp:	254136
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.3	31.9
279	4.6	3.0	4.4#





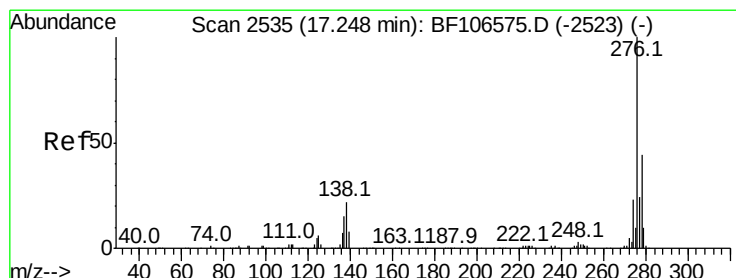
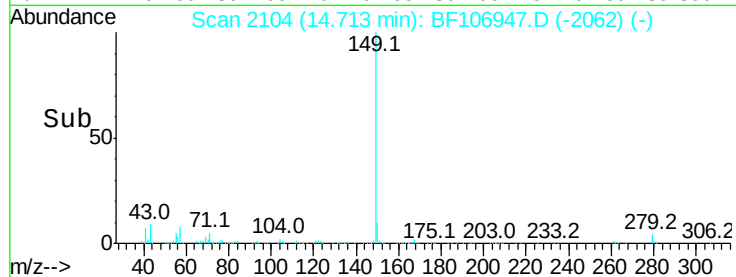
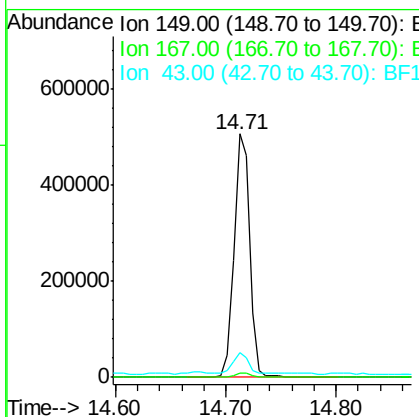
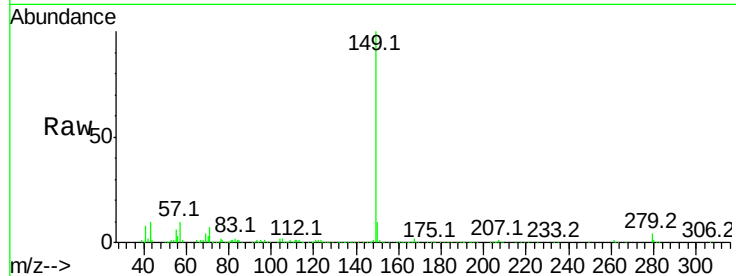
#84
Di-n-octyl phthalate
Concen: 47.939 ng
RT: 14.71 min Scan# 2104
Delta R.T. -0.05 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.4	8.4	12.6

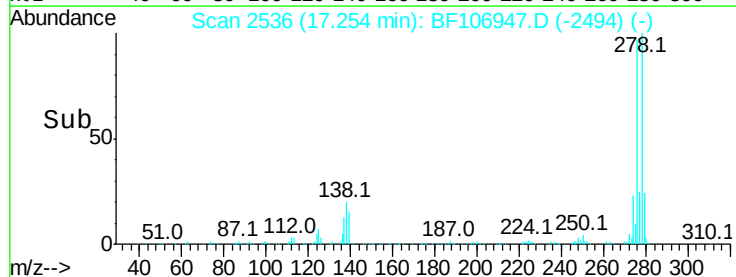
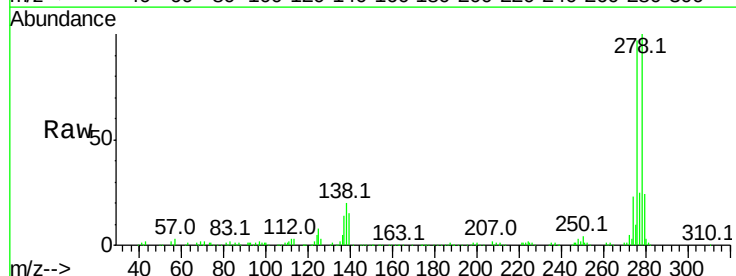
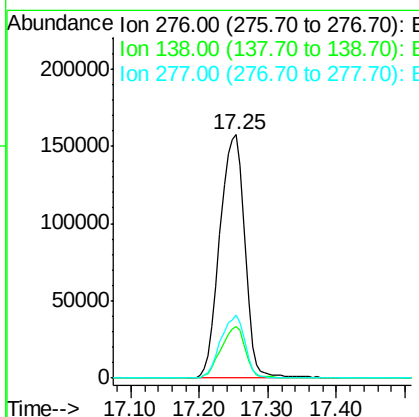
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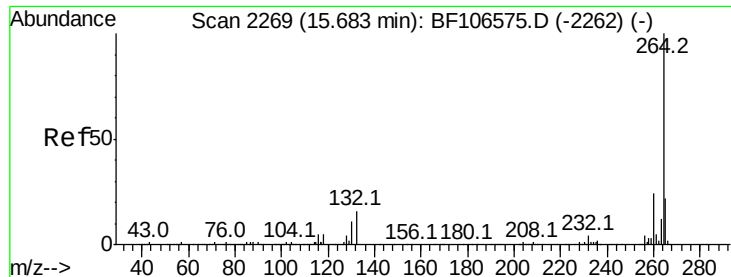
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#85
Indeno(1,2,3-cd)pyrene
Concen: 45.754 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	20.7	25.0	37.6#
277	25.1	20.1	30.1





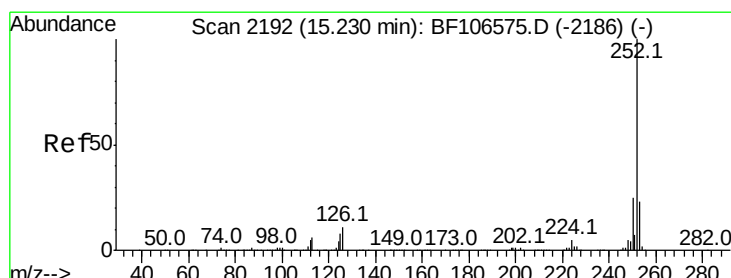
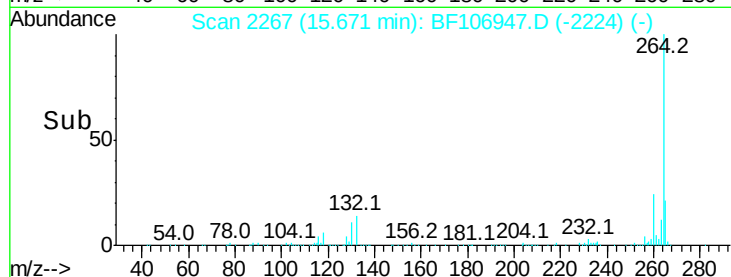
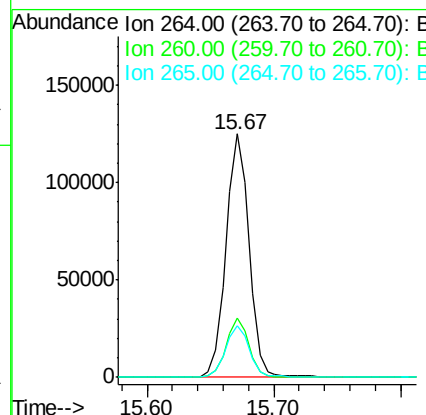
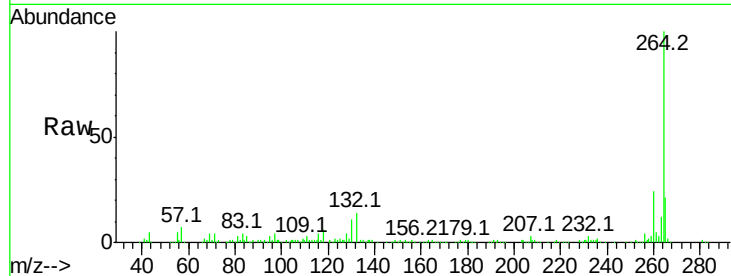
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.5	19.2	28.8	
265	21.5	17.5	26.3	

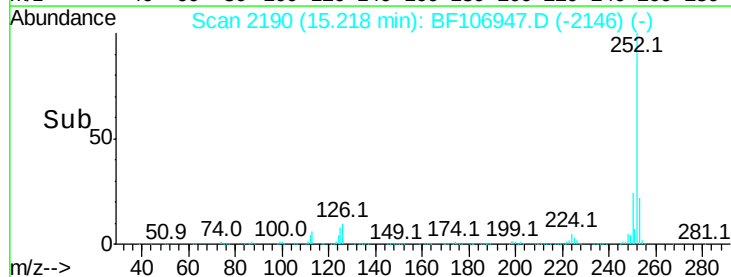
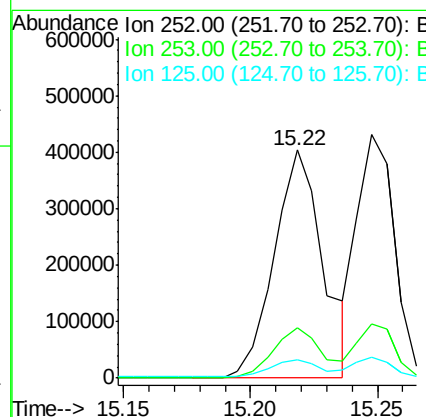
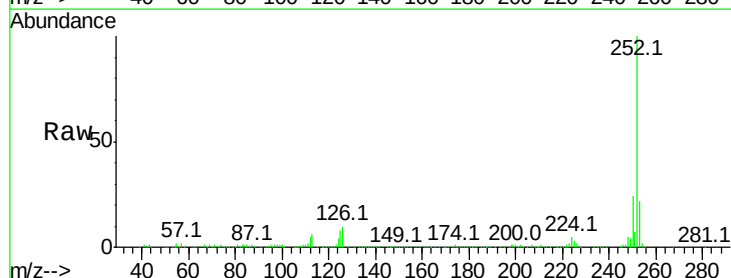
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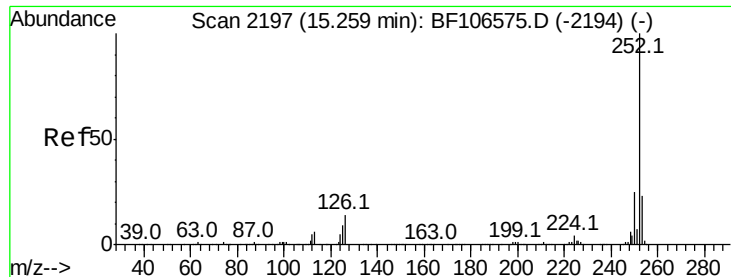
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#87
Benzo(b)fluoranthene
Concen: 55.327 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.0	17.0	25.6	
125	8.2	9.0	13.6	





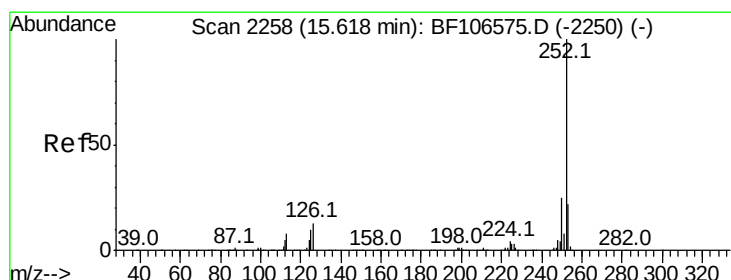
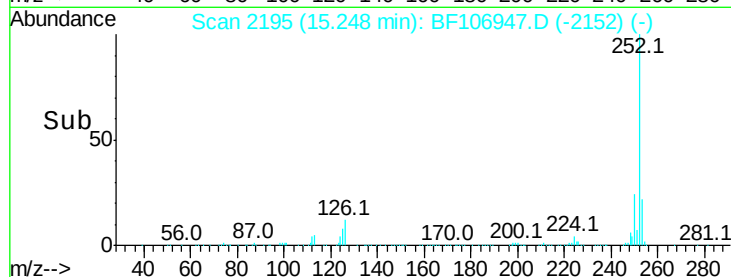
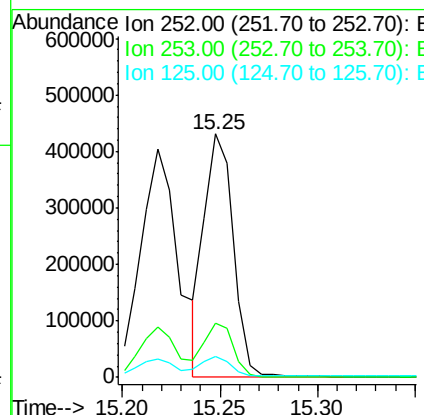
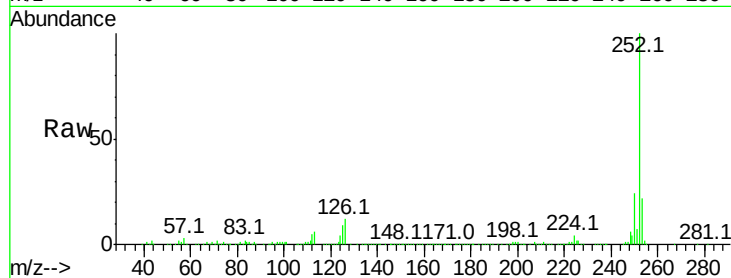
#88
Benzo(k)fluoranthene
Concen: 47.416 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Instrument :
BNA_F
ClientSampleId :
S39-9005MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	8.7	10.2	15.2#

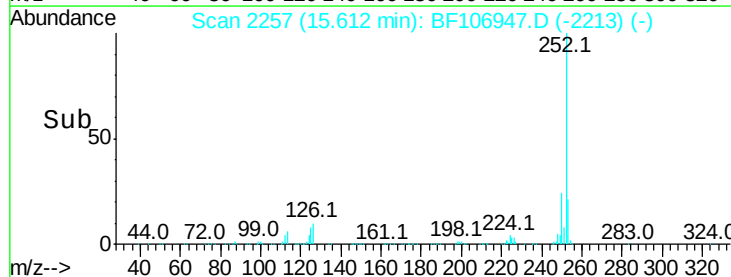
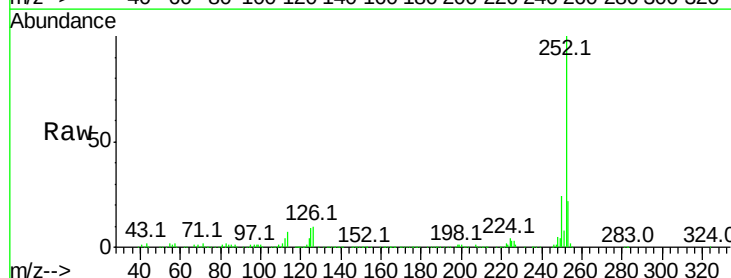
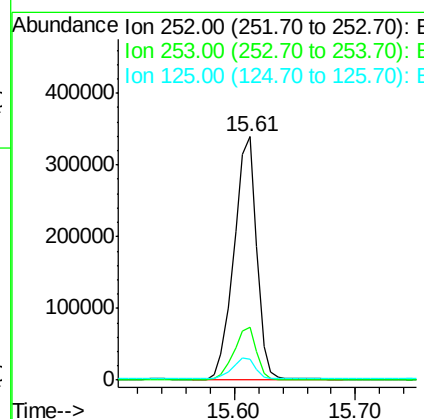
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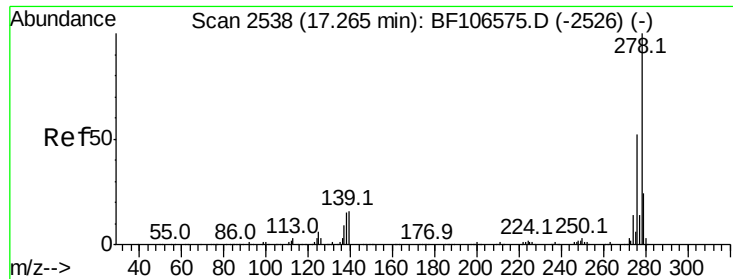
Sohil
6/29/2018 2:31:06 PM



#89
Benzo(a)pyrene
Concen: 51.546 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF106947.D
Acq: 29 Jun 2018 3:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	8.5	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 46.026 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.06 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Instrument :

BNA_F

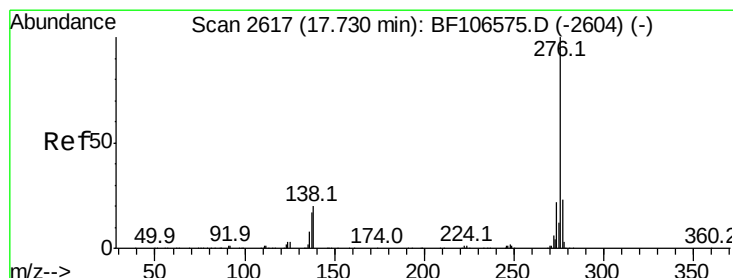
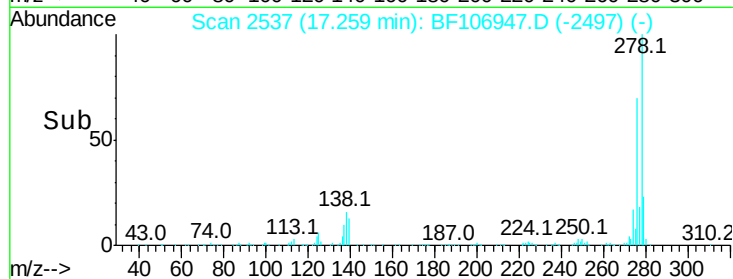
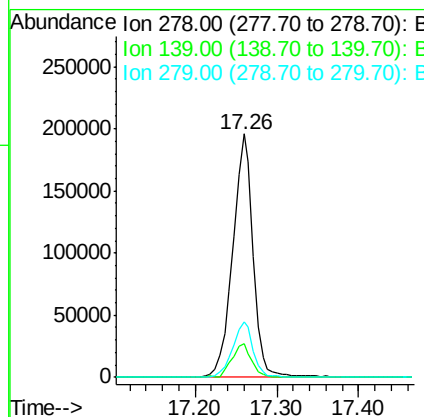
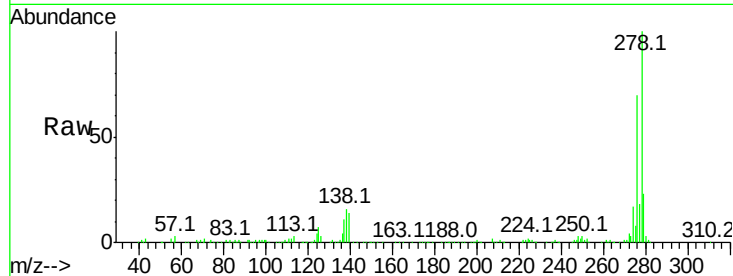
ClientSampleId :

S39-9005MSD

Tot Ion:	278	Resp:	340162
Ion Ratio	Lower	Upper	
278	100		
139	13.6	15.9	23.9#
279	22.8	19.0	28.4

Manual Integrations
APPROVED

Sohil
6/29/2018 2:31:06 PM



#91

Benzo(g,h,i)perylene

Concen: 44.589 ng

RT: 17.72 min Scan# 2616

Delta R.T. -0.06 min

Lab File: BF106947.D

Acq: 29 Jun 2018 3:10

Tgt Ion:	276	Resp:	322098
Ion Ratio	Lower	Upper	
276	100		
277	24.2	17.9	26.9
138	17.5	21.8	32.8#

