

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106946.D
 Acq On : 29 Jun 2018 2:43
 Operator : JU/SJ
 Sample : J3593-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

Manual Integrations
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Sohil
 6/29/2018 2:31:03 PM

Quant Time: Jun 29 06:52:22 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	62862	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	212295	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	90272	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	156211	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	175482	20.00	ng	-0.02
86) Perylene-d12	15.68	264	159899	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	257079	69.25	ng	0.00
7) Phenol-d6	6.60	99	540561	116.60	ng	-0.01
23) Nitrobenzene-d5	7.52	82	380446	99.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	57673	55.12	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	605889	119.61	ng	-0.02
78) Terphenyl-d14	13.07	244	640530	88.42	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	69351	36.337	ng	98
3) Pyridine	3.62	79	199137	38.472	ng	95
4) n-Nitrosodimethylamine	3.60	42	85296	38.798	ng	87
6) Aniline	6.62	93	182609	29.038	ng	93
8) 2-Chlorophenol	6.75	128	132029	32.425	ng	98
9) Benzaldehyde	6.51	77	87347	24.985	ng	96
10) Phenol	6.62	94	215537	40.738	ng	# 72
11) bis(2-Chloroethyl)ether	6.69	93	191015	43.732	ng	99
12) 1,3-Dichlorobenzene	6.90	146	220654	46.269	ng	97
13) 1,4-Dichlorobenzene	6.97	146	223583	46.373	ng	99
14) 1,2-Dichlorobenzene	7.12	146	204761	46.340	ng	98
15) Benzyl Alcohol	7.10	79	159110	42.742	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	251990	43.972	ng	61
17) 2-Methylphenol	7.21	107	151666	43.526	ng	# 92
18) Hexachloroethane	7.46	117	69585	41.041	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	122181	39.982	ng	94
20) 3+4-Methylphenols	7.37	107	190507	53.431	ng	# 58
22) Acetophenone	7.37	105	249403	52.511	ng	# 97
24) Nitrobenzene	7.54	77	193520	49.619	ng	99
25) Isophorone	7.77	82	337751	50.175	ng	98
26) 2-Nitrophenol	7.85	139	42096	22.864	ng	94
27) 2,4-Dimethylphenol	7.89	122	161371	56.706	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	221607	49.031	ng	98
29) 2,4-Dichlorophenol	8.10	162	101757	34.154	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	178075	54.257	ng	97
31) Naphthalene	8.26	128	505060	50.886	ng	100
33) 4-Chloroaniline	8.31	127	118901	28.550	ng	98
34) Hexachlorobutadiene	8.37	225	120220	56.215	ng	98
35) Caprolactam	8.66	113	42543	43.806	ng	99
36) 4-Chloro-3-methylphenol	8.80	107	144316	46.020	ng	97
37) 2-Methylnaphthalene	8.95	142	350774	53.319	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	178854	58.832	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	16647	10.643	ng	99
42) 2,4,6-Trichlorophenol	9.24	196	20625	10.206	ng	91

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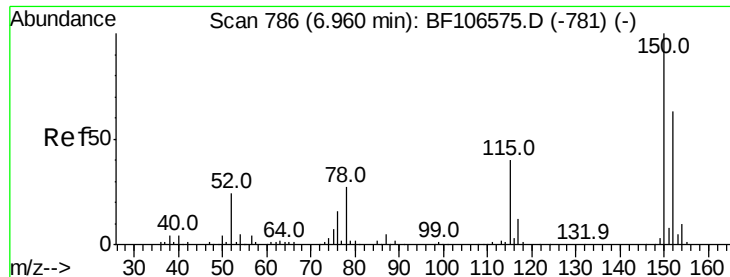
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	41984	19.911	ng	85
45) 1,1'-Biphenyl	9.41	154	397729	55.284	ng	98
46) 2-Chloronaphthalene	9.44	162	287112	50.701	ng	95
47) 2-Nitroaniline	9.54	65	87320	45.855	ng	94
48) Acenaphthylene	9.86	152	437919	48.981	ng	99
49) Dimethylphthalate	9.71	163	408088	60.274	ng	98
50) 2,6-Dinitrotoluene	9.78	165	73107	50.993	ng	93
51) Acenaphthene	10.03	154	259560	46.103	ng	98
52) 3-Nitroaniline	9.95	138	68794	41.699	ng	98
54) Dibenzofuran	10.20	168	384806	49.915	ng	97
55) 4-Nitrophenol	10.15	139	2388m	2.074	ng	
56) 2,4-Dinitrotoluene	10.18	165	86688	46.324	ng	90
57) Fluorene	10.54	166	287937	47.068	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	10444	6.231	ng	# 62
59) Diethylphthalate	10.40	149	292028	44.689	ng	# 94
60) 4-Chlorophenyl-phenylether	10.53	204	156633	48.935	ng	# 88
61) 4-Nitroaniline	10.57	138	70556	43.092	ng	95
62) Azobenzene	10.69	77	257279	39.981	ng	95
65) n-Nitrosodiphenylamine	10.65	169	254214	48.383	ng	98
66) 4-Bromophenyl-phenylether	11.02	248	98153	52.649	ng	# 80
67) Hexachlorobenzene	11.10	284	100587	51.550	ng	# 81
68) Atrazine	11.18	200	84659	50.684	ng	92
69) Pentachlorophenol	11.30	266	4505	4.627	ng	96
70) Phenanthrene	11.51	178	402530	53.426	ng	99
71) Anthracene	11.57	178	412226	53.603	ng	99
72) Carbazole	11.72	167	372896	51.791	ng	98
73) Di-n-butylphthalate	12.03	149	386940	45.617	ng	99
74) Fluoranthene	12.71	202	485348	58.445	ng	94
76) Benzidine	12.83	184	235854	47.193	ng	96
77) Pyrene	12.94	202	500758	43.274	ng	100
79) Butylbenzylphthalate	13.54	149	185702	39.031	ng	98
80) Benzo(a)anthracene	14.13	228	530820	49.632	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	171138	45.529	ng	# 96
82) Chrysene	14.17	228	504311	51.254	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	249026	40.940	ng	96
84) Di-n-octyl phthalate	14.72	149	479629	48.374	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.25	276	402201	48.168	ng	# 90
87) Benzo(b)fluoranthene	15.22	252	523705	52.725	ng	# 97
88) Benzo(k)fluoranthene	15.25	252	466638	49.333	ng	# 95
89) Benzo(a)pyrene	15.61	252	454164	51.434	ng	# 97
90) Dibenzo(a,h)anthracene	17.27	278	344000	45.968	ng	# 92
91) Benzo(g,h,i)perylene	17.73	276	326473	44.634	ng	# 91

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



#1

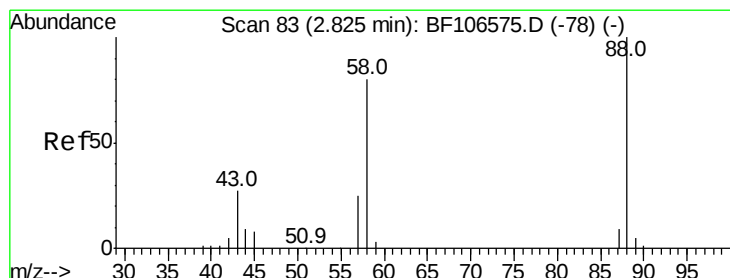
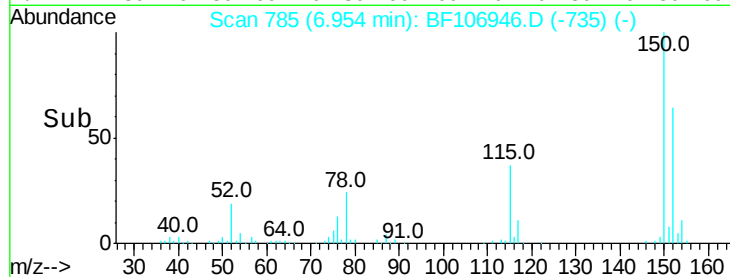
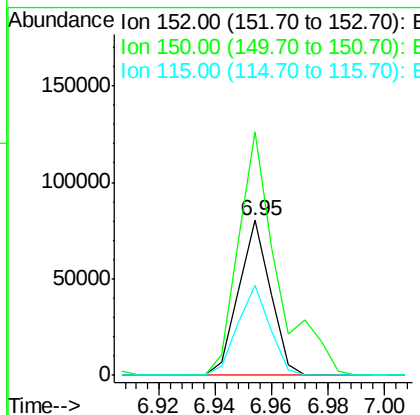
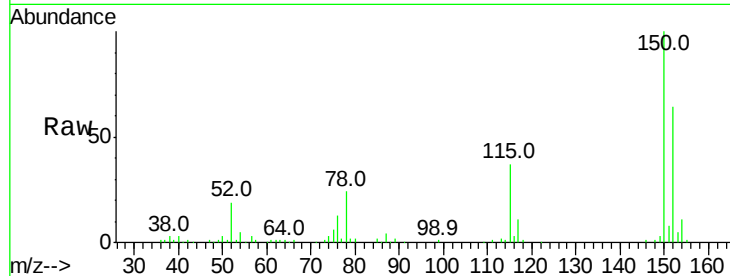
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	58.4	50.1	75.1

Manual Integrations
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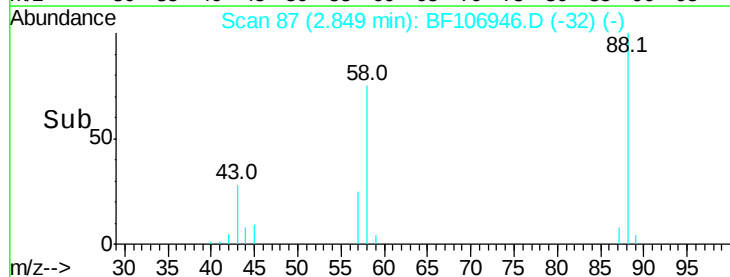
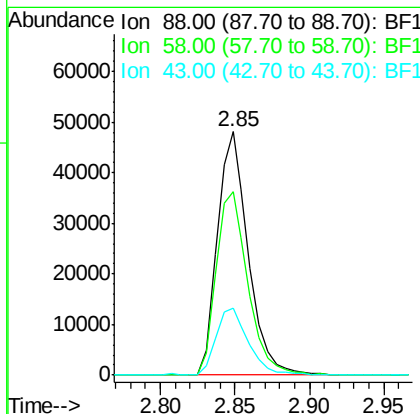
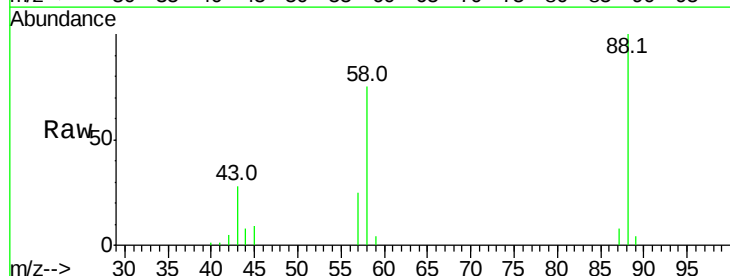
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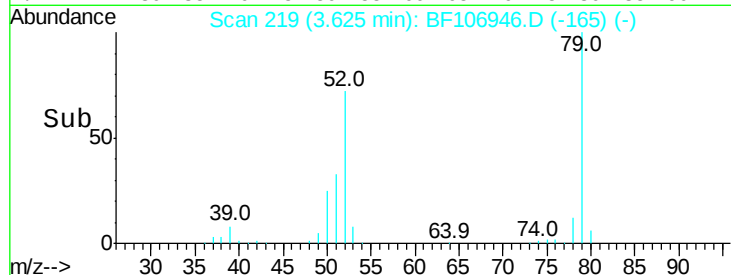
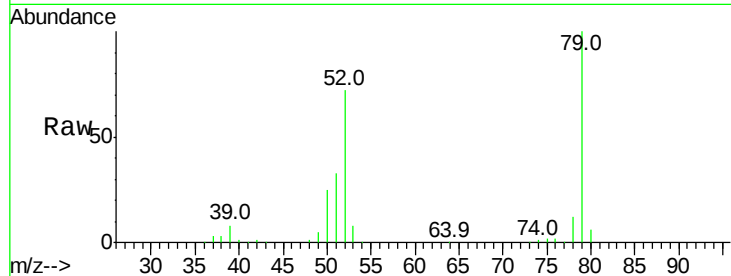


#2

1,4-Dioxane
Concen: 36.337 ng
RT: 2.85 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.5	62.6	93.8
43	29.0	24.6	37.0





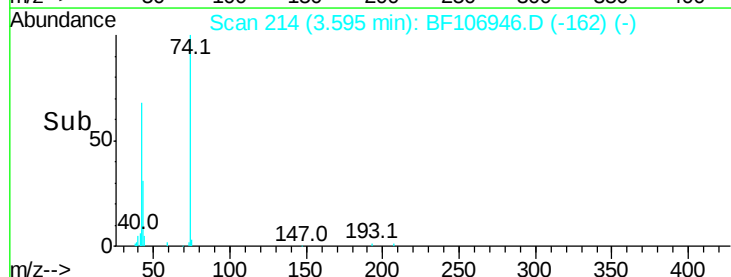
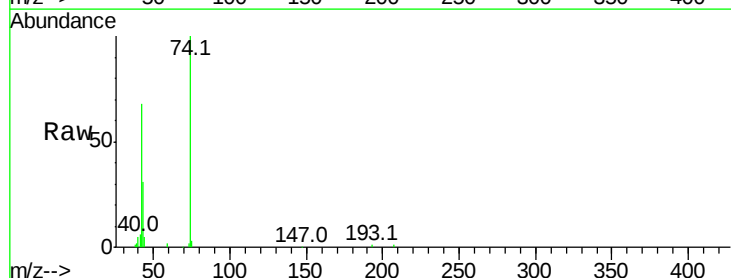
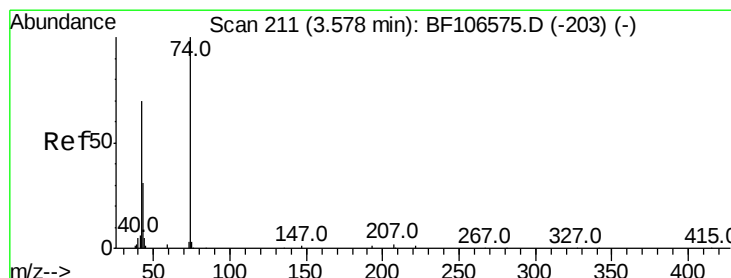
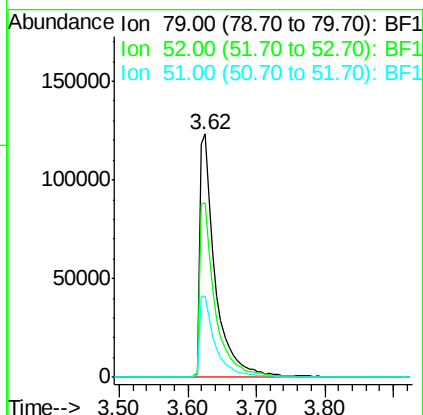
#3
 Pvridine
 Concen: 38.472 ng
 RT: 3.62 min Scan# 219
 Delta R.T. 0.02 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		199137		
52	71.8	59.8	89.6		
51	33.2	29.8	44.8		

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

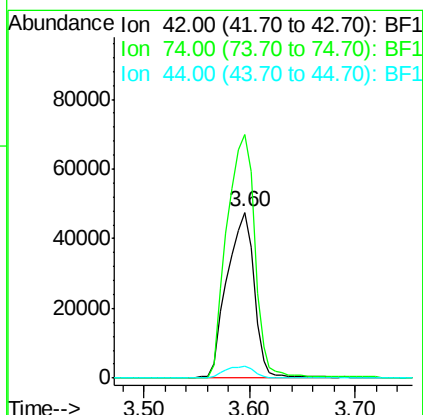
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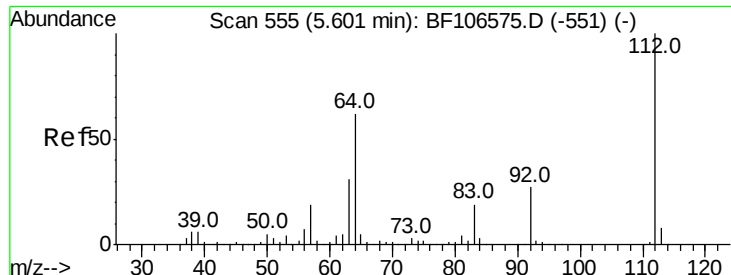
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#4
 n-Nitrosodimethylamine
 Concen: 38.798 ng
 RT: 3.60 min Scan# 214
 Delta R.T. 0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		85296		
74	146.9	104.9	157.3		
44	7.6	6.9	10.3		





#5

2-Fluorophenol

Concen: 69.250 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

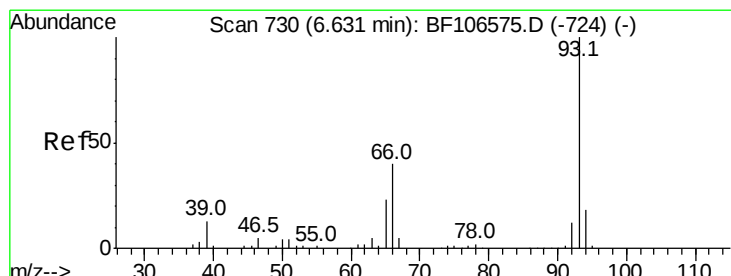
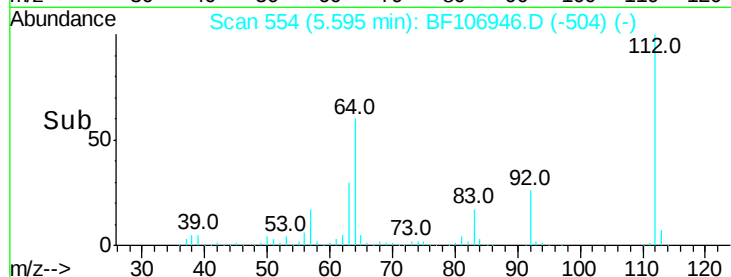
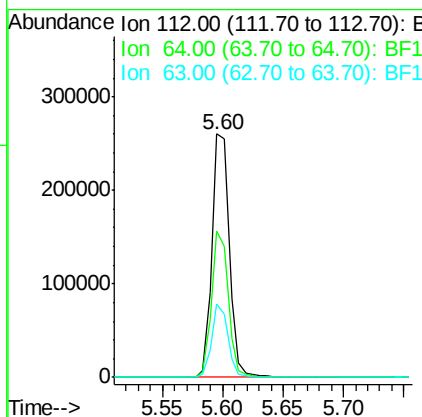
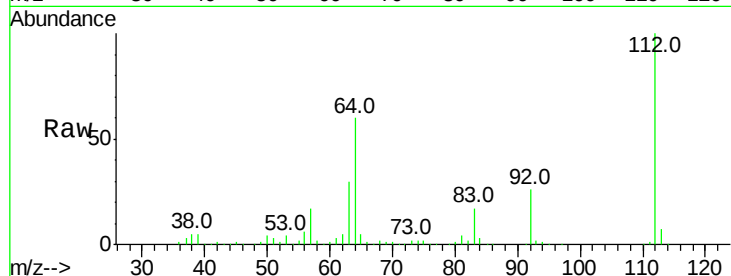
ClientSampled :

S39-9005MS

Tot Ion:	112	Resp:	257079
Ion Ratio	Lower	Upper	
112	100		
64	60.0	47.9	71.9
63	30.1	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 29.038 ng

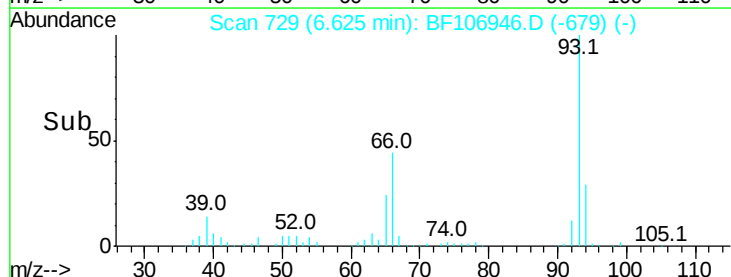
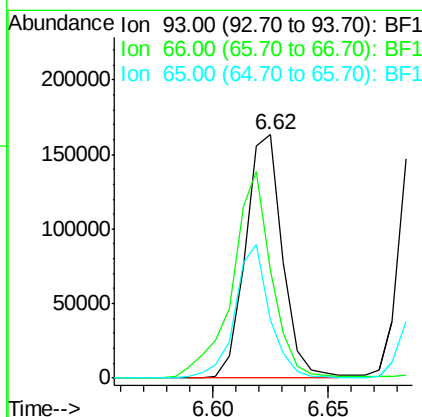
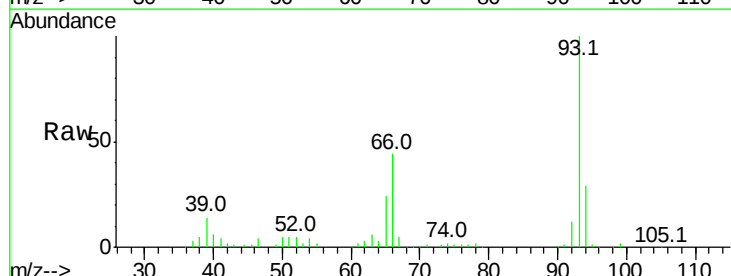
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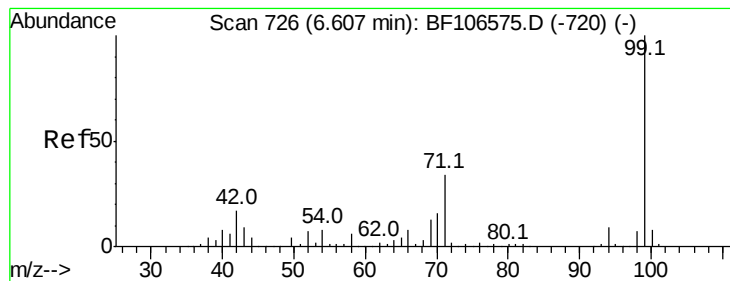
Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Tgt Ion:	93	Resp:	182609
Ion Ratio	Lower	Upper	
93	100		
66	44.5	32.2	48.2
65	24.0	16.4	24.6





#7

Phenol-d6

Concen: 116.600 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

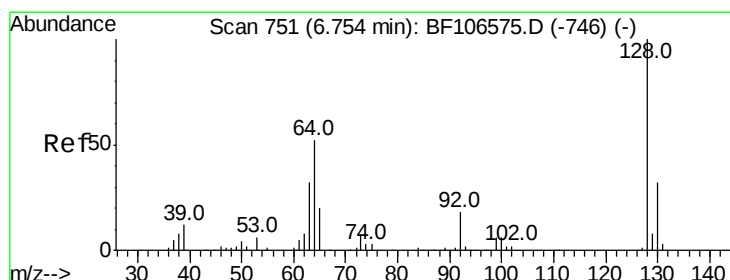
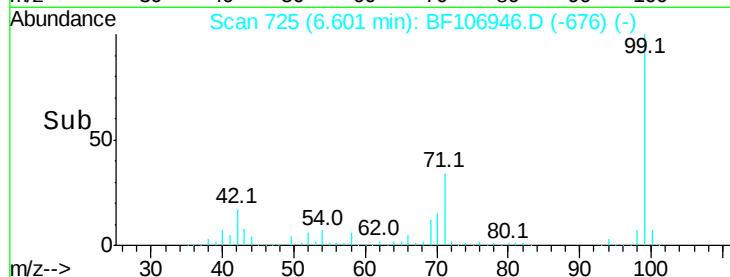
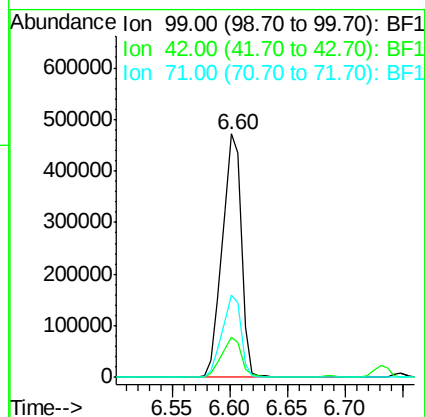
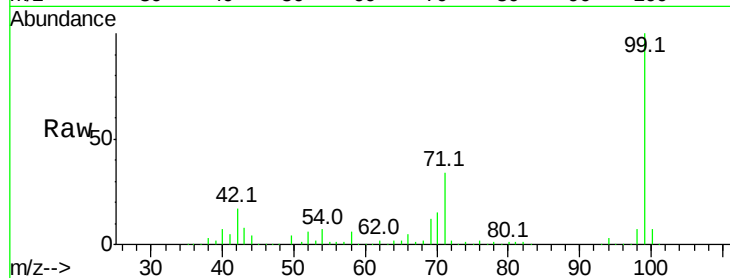
ClientSampleId :

S39-9005MS

Tot Ion:	99	Resp:	540561
Ion Ratio	Lower	Upper	
99	100		
42	16.6	14.5	21.7
71	33.7	25.4	38.0

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#8

2-Chlorophenol

Concen: 32.425 ng

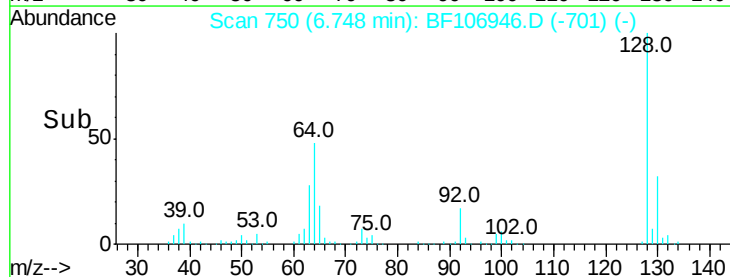
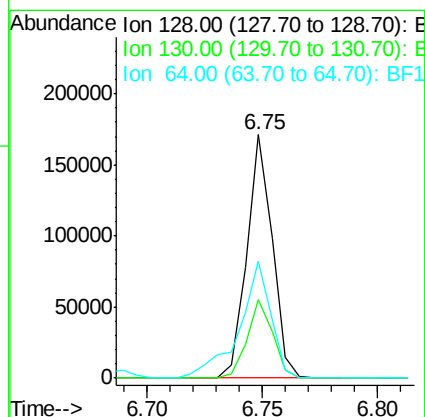
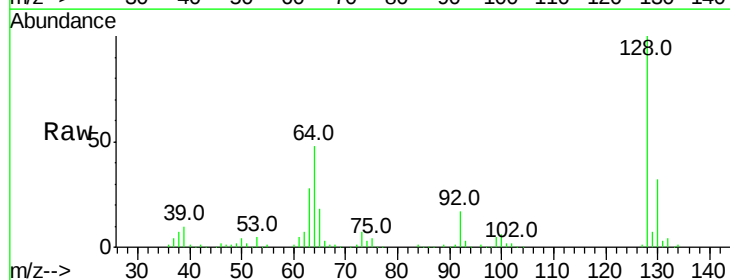
RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Tgt Ion:	128	Resp:	132029
Ion Ratio	Lower	Upper	
128	100		
130	32.0	13.0	53.0
64	48.2	29.4	69.4





#9

Benzaldehyde

Concen: 24.985 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

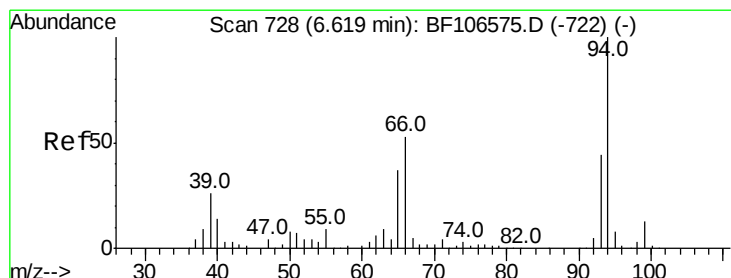
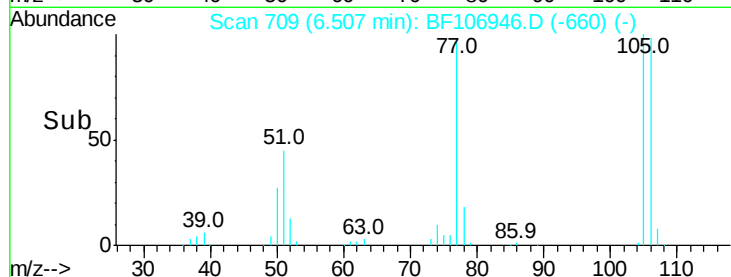
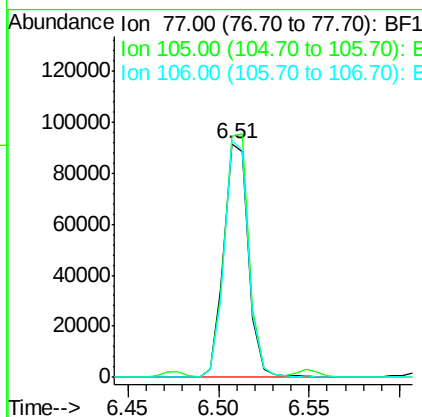
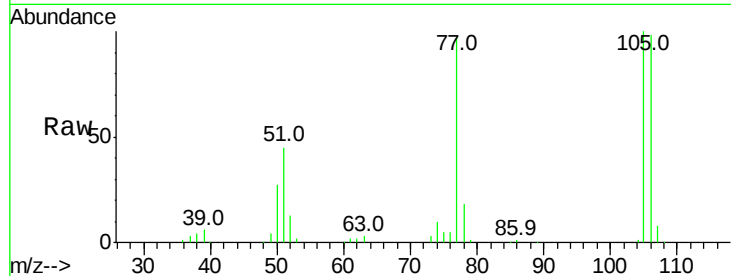
ClientSampled :

S39-9005MS

Tot Ion:	77	Resp:	87347
Ion Ratio	Lower	Upper	
77	100		
105	102.9	81.1	121.1
106	101.3	74.5	114.5

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#10

Phenol

Concen: 40.738 ng

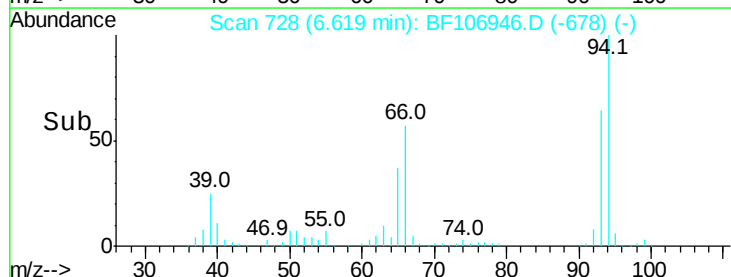
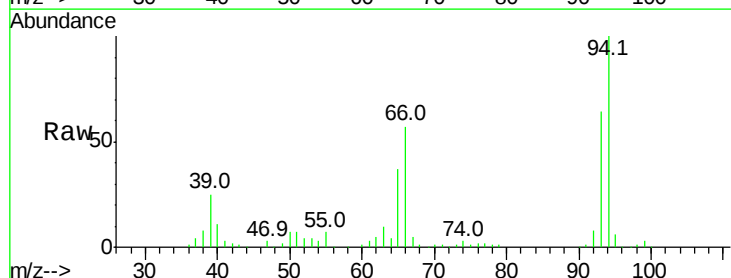
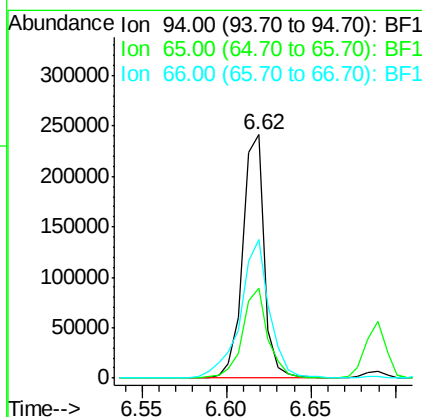
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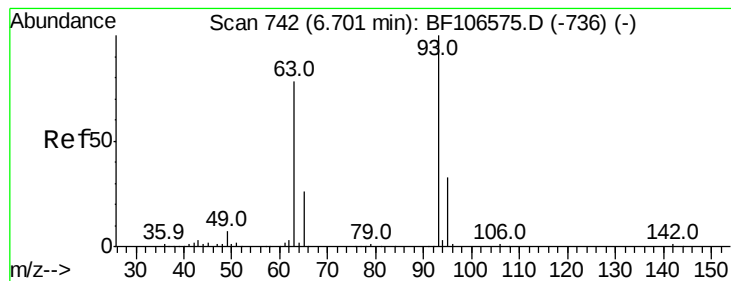
Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Tgt Ion:	94	Resp:	215537
Ion Ratio	Lower	Upper	
94	100		
65	37.1	7.9	47.9
66	57.2	16.2	56.2#





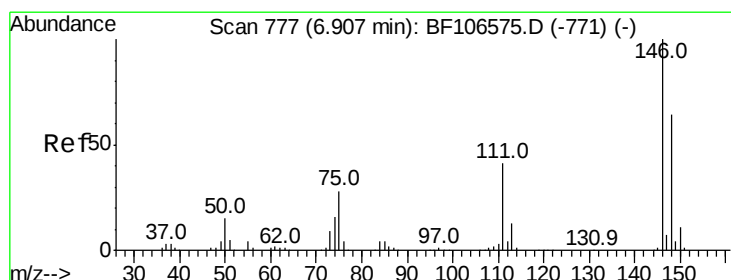
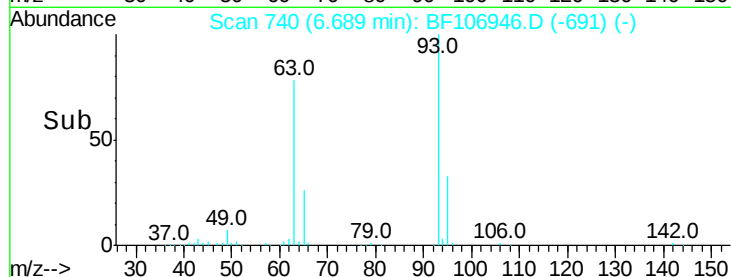
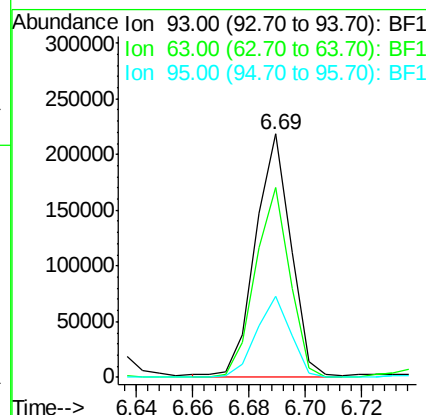
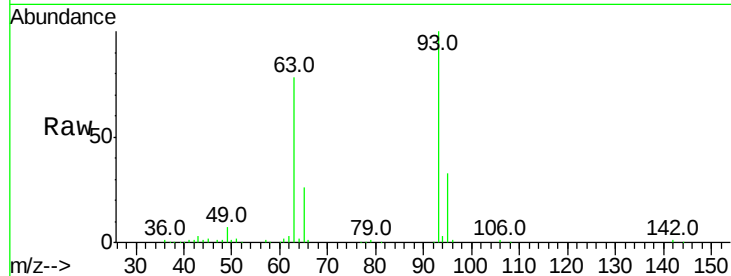
#11
bis(2-Chloroethyl)ether
Concen: 43.732 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	93	Resp	191015
Ion Ratio	Lower	Upper	
93	100		
63	78.1	58.6	98.6
95	33.2	11.8	51.8

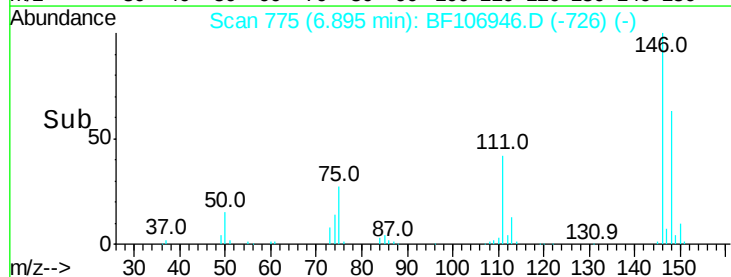
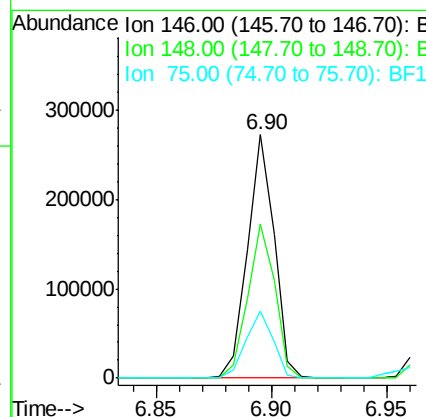
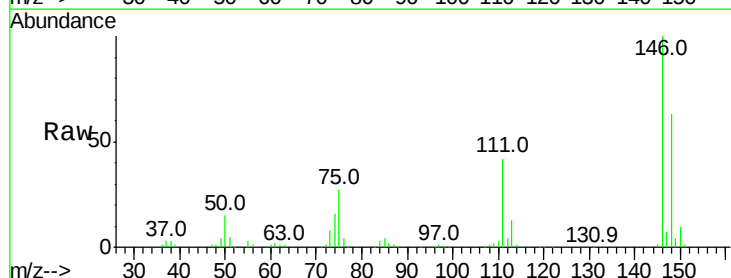
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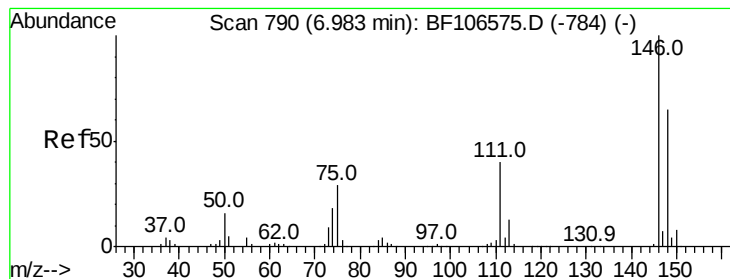
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#12
1,3-Dichlorobenzene
Concen: 46.269 ng
RT: 6.90 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	146	Resp	220654
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.8	77.8
75	27.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 46.373 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

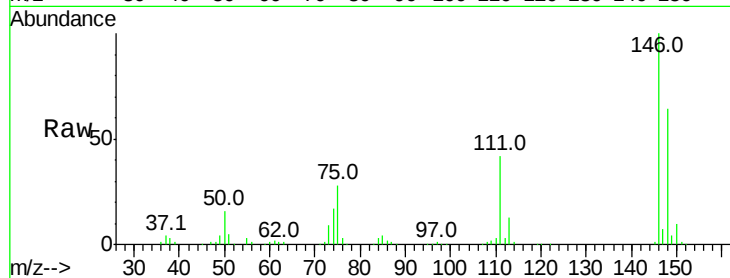
ClientSampleId :

S39-9005MS

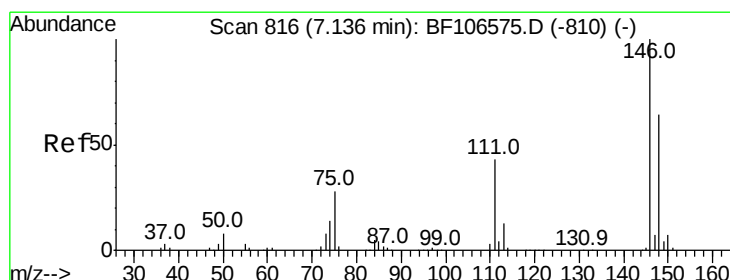
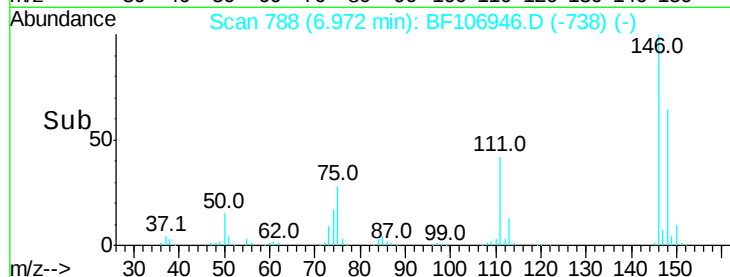
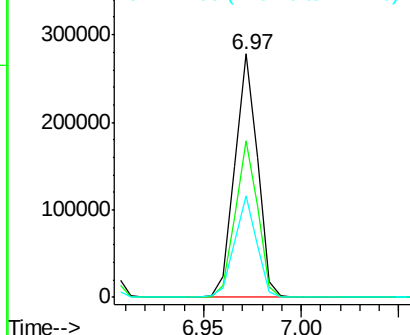
Tot Ion:	146	Resp:	223583
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	41.6	34.2	51.2

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



#14

1,2-Dichlorobenzene

Concen: 46.340 ng

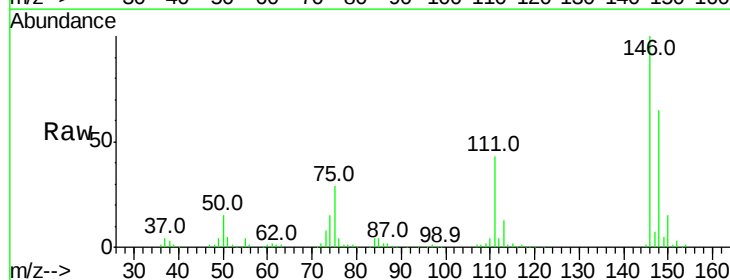
RT: 7.12 min Scan# 814

Delta R.T. -0.01 min

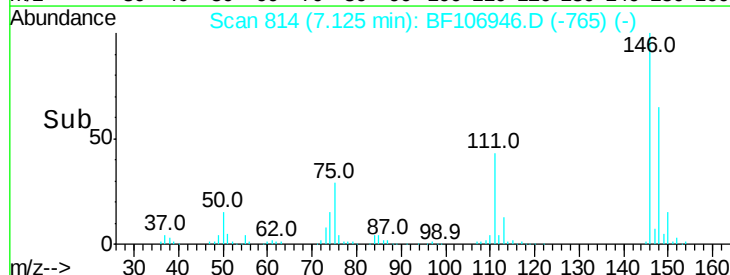
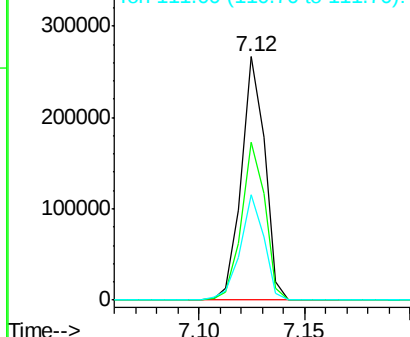
Lab File: BF106946.D

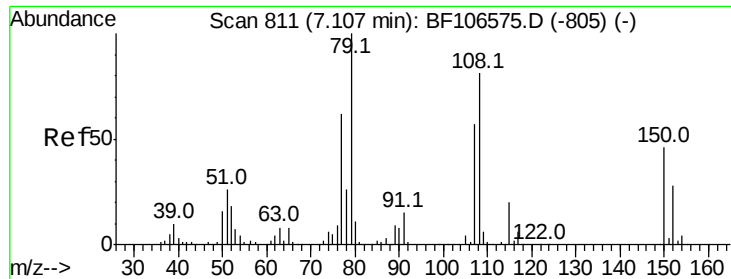
Acq: 29 Jun 2018 2:43

Tgt Ion:	146	Resp:	204761
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.6	75.8
111	43.2	36.0	54.0



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





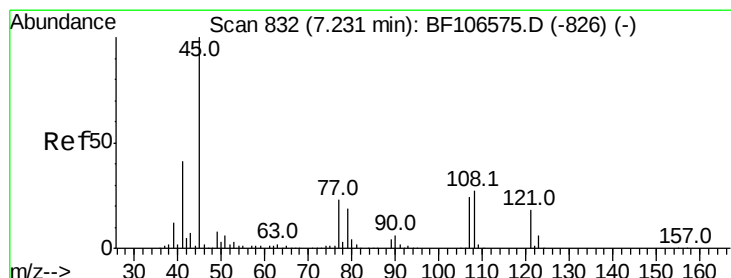
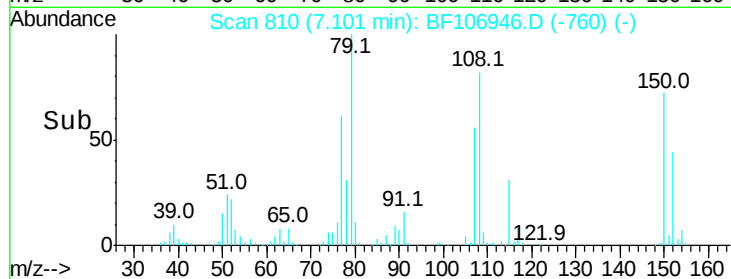
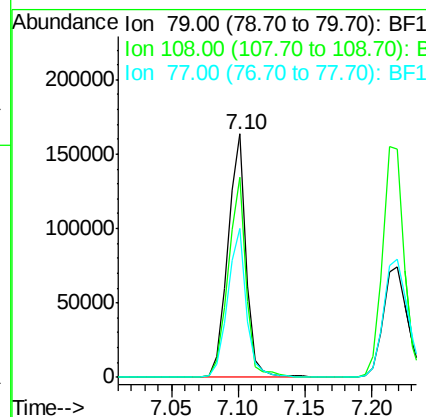
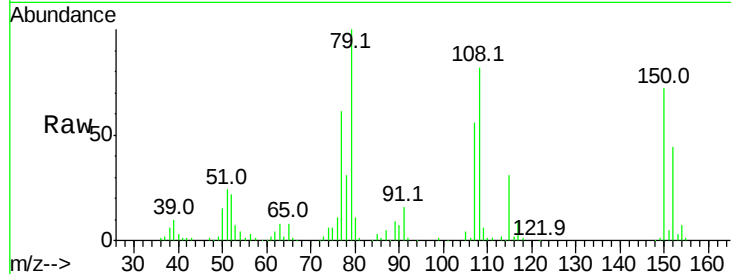
#15
Benzyl Alcohol
Concen: 42.742 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampled :
S39-9005MS

Tot Ion	Ratio	Resp Lower	Upper
79	100		
108	82.1	65.1	97.7
77	60.9	50.6	75.8

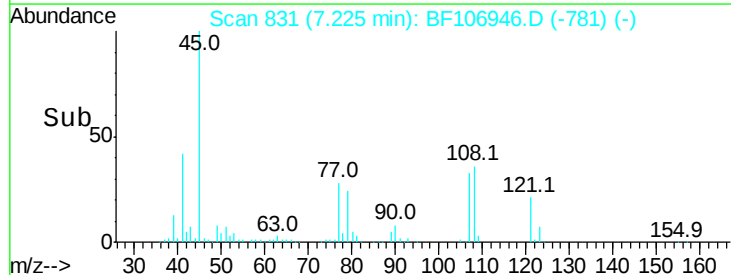
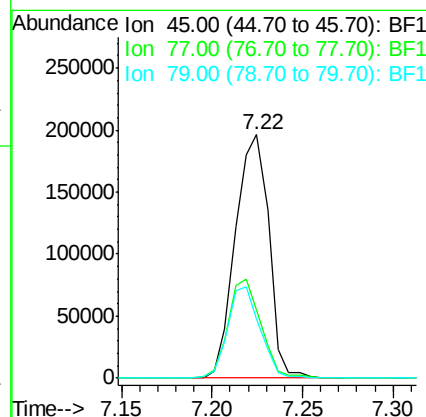
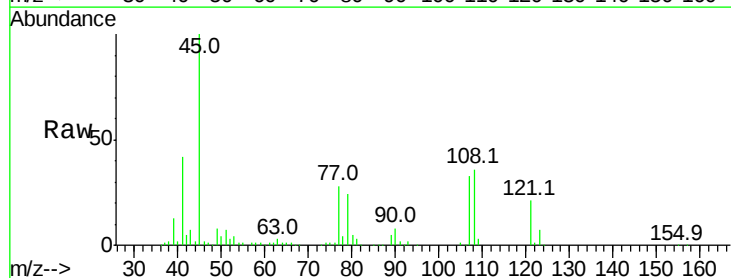
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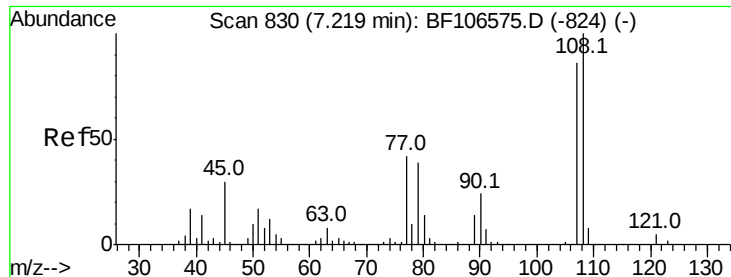
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.972 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	27.8	0.0	32.9
79	24.5	0.0	29.6





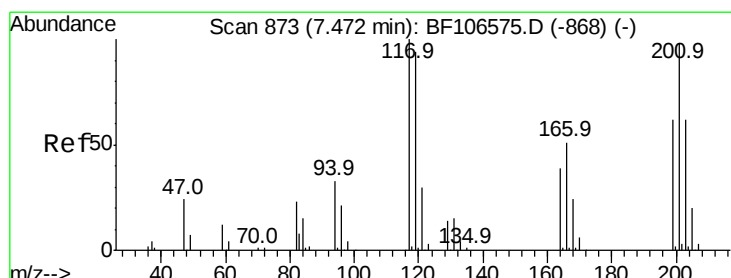
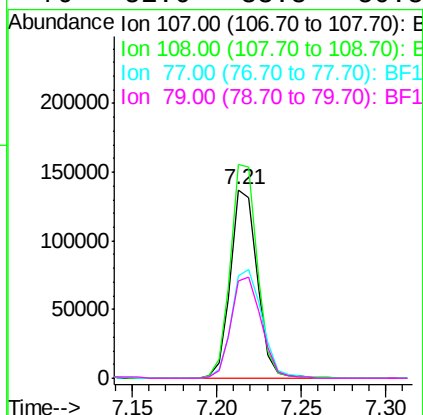
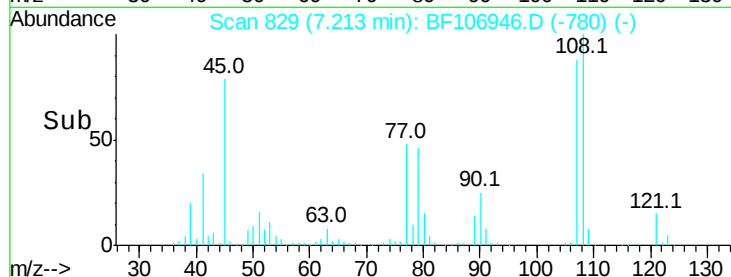
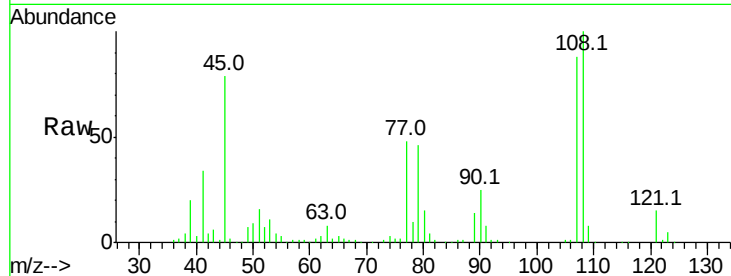
#17
2-Methylphenol
Concen: 43.526 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	91.7	137.5	
77	54.7	33.8	50.8#	
79	51.6	33.8	50.8#	

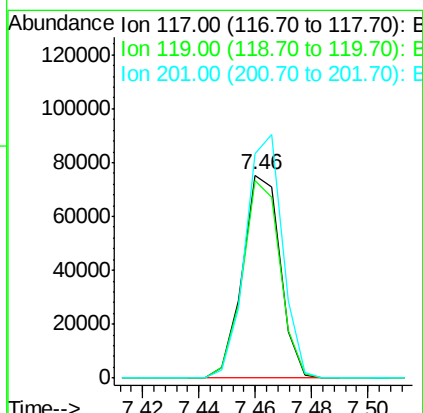
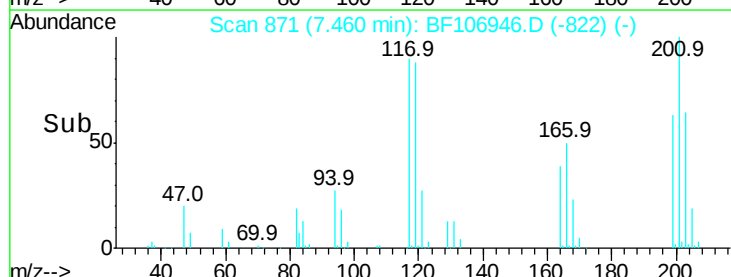
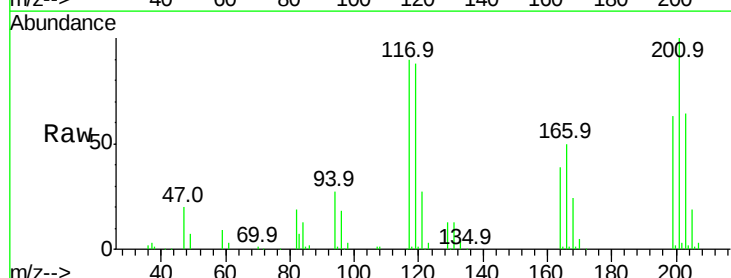
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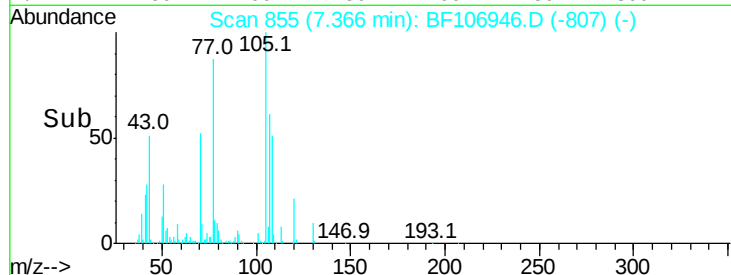
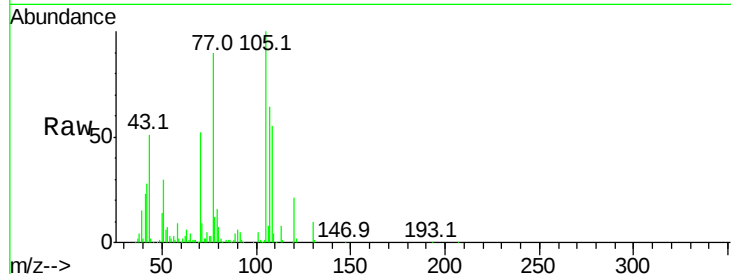
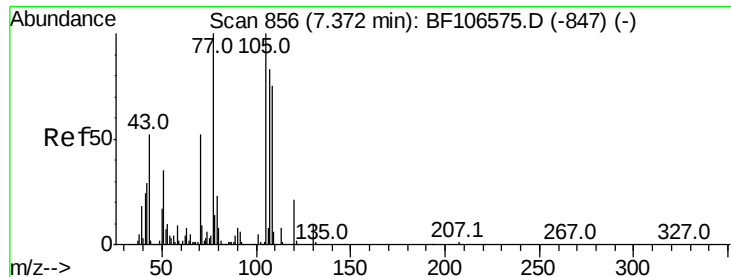
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#18
Hexachloroethane
Concen: 41.041 ng
RT: 7.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	75.8	113.8	
201	110.8	75.7	113.5	





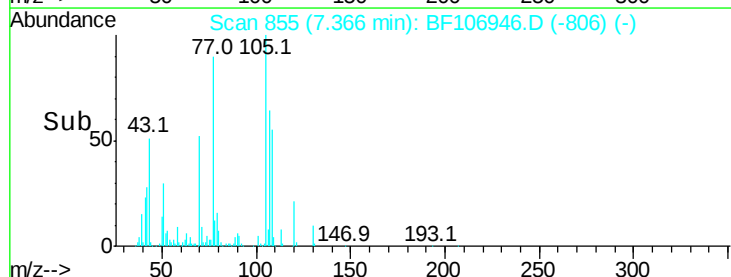
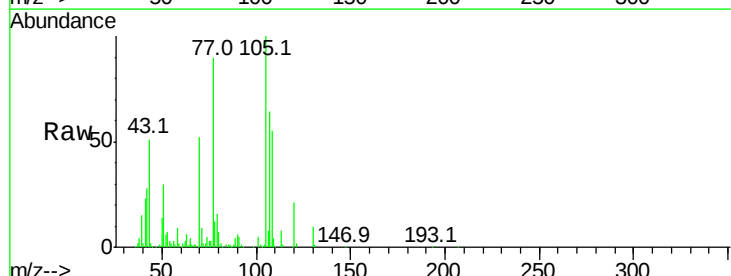
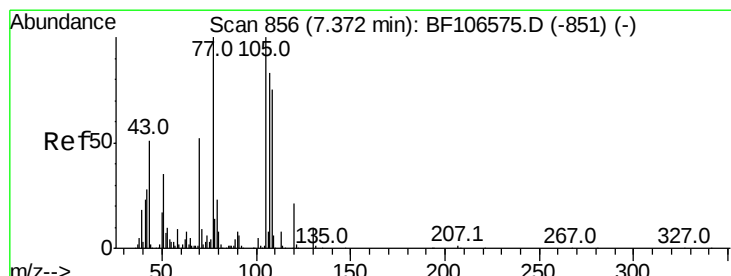
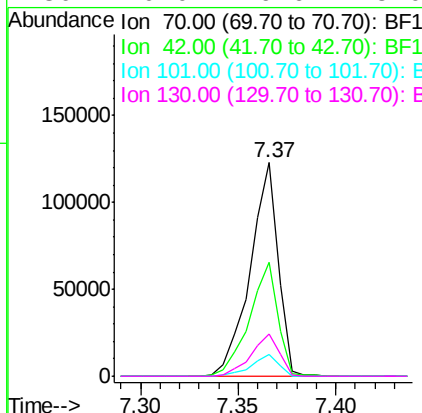
#19
n-Nitroso-di-n-propylamine
Concen: 39.982 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	10.1	7.4	11.2
130	20.0	16.6	25.0

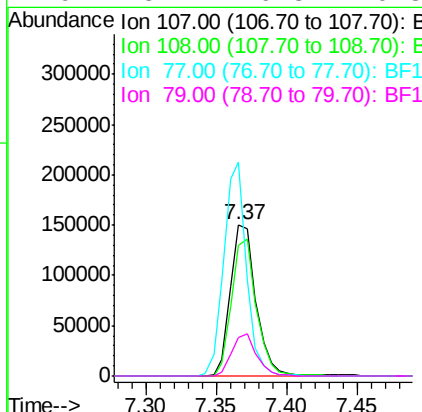
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#20
3+4-Methylphenols
Concen: 53.431 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.2	108.2
77	141.0	26.7	66.7#
79	25.7	6.3	46.3





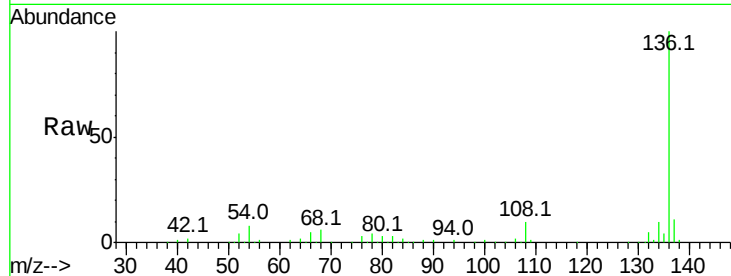
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

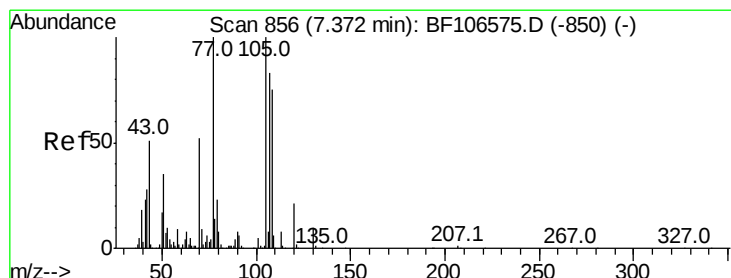
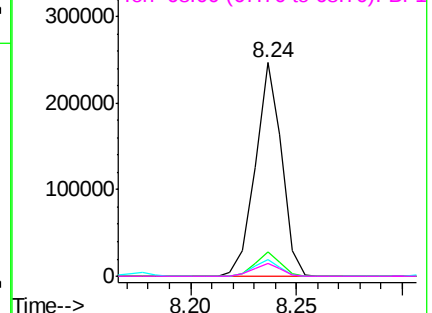
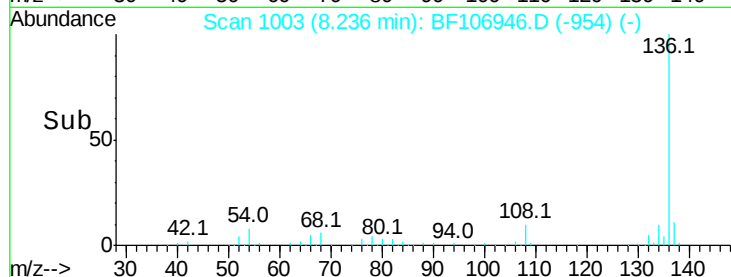
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.8	6.6	9.8
68	6.1	5.0	7.4

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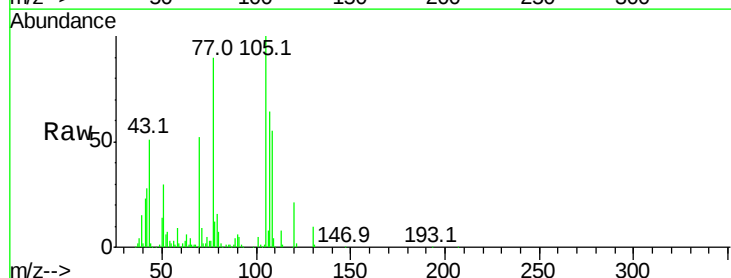


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

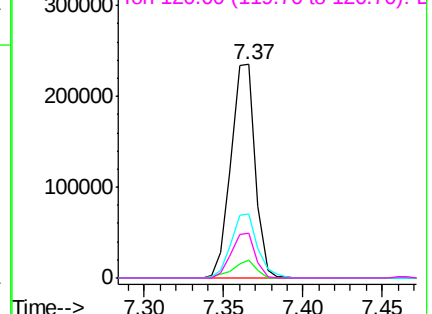
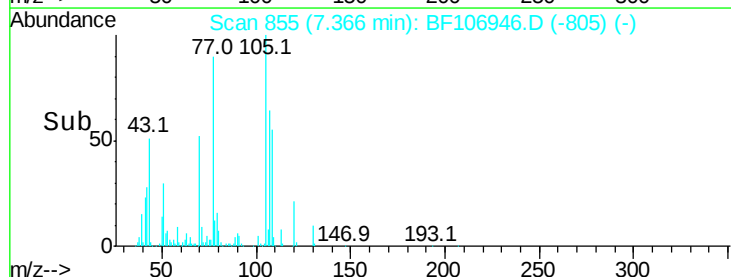


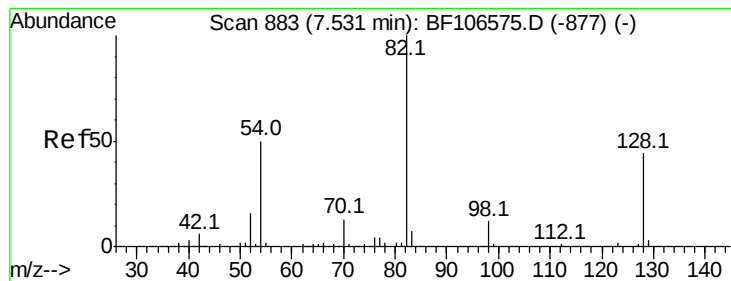
#22
Acetophenone
Concen: 52.511 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.6	4.4	6.6#
51	29.9	22.3	33.5
120	21.0	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: 99.591 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

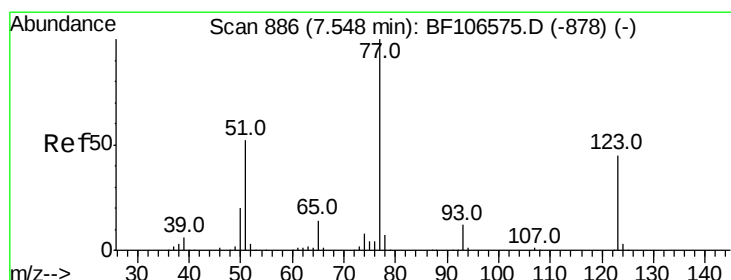
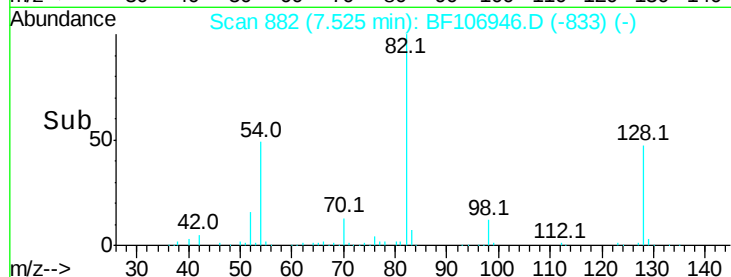
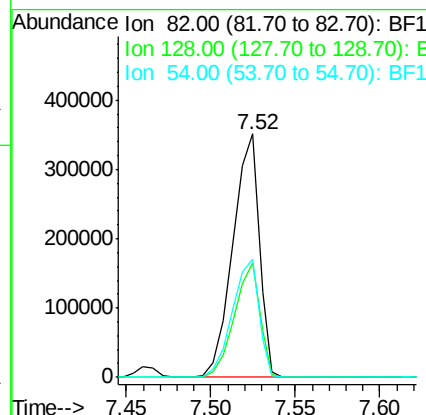
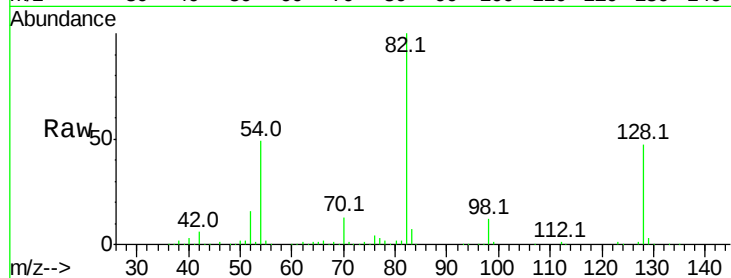
ClientSampled :

S39-9005MS

Tot Ion:	82	Resp:	380446
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.1	54.1
54	48.6	41.4	62.2

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#24

Nitrobenzene

Concen: 49.619 ng

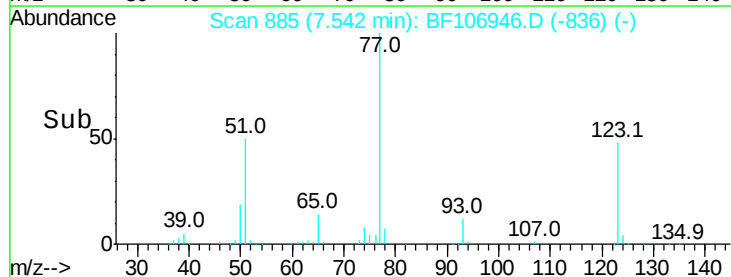
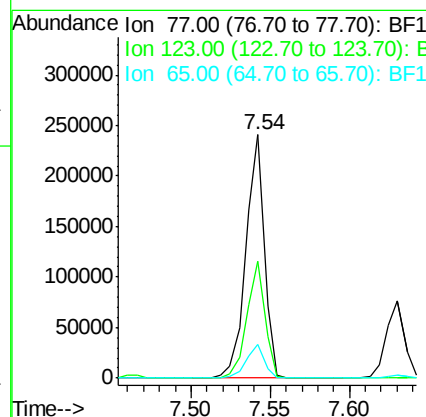
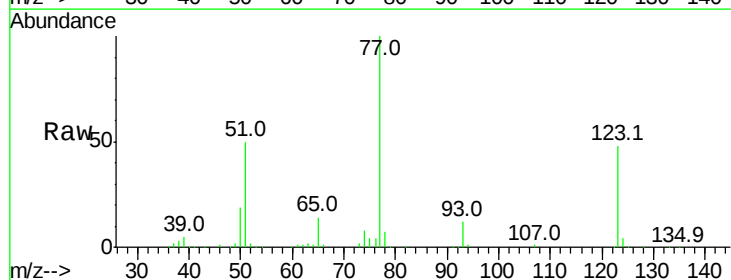
RT: 7.54 min Scan# 885

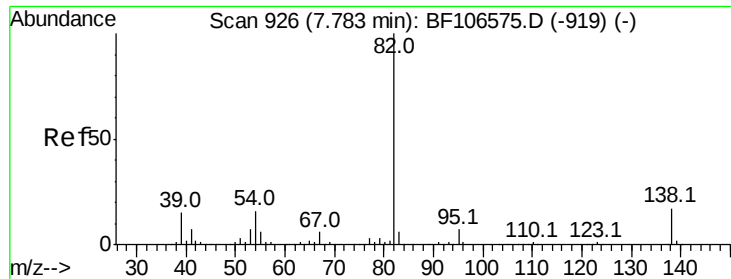
Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Tgt Ion:	77	Resp:	193520
Ion Ratio	Lower	Upper	
77	100		
123	48.1	37.9	56.9
65	14.1	11.0	16.4





#25

Isophorone

Concen: 50.175 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

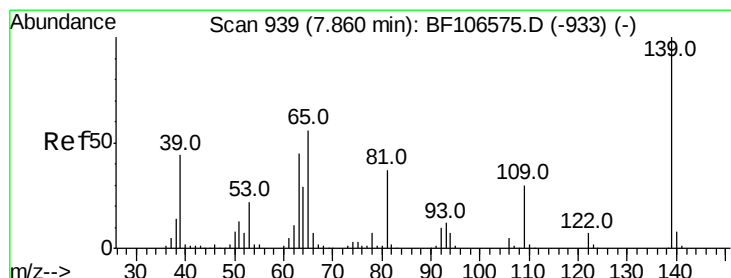
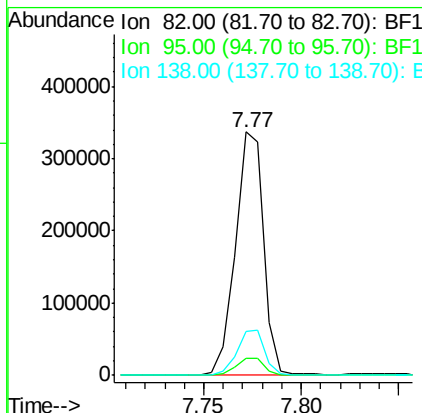
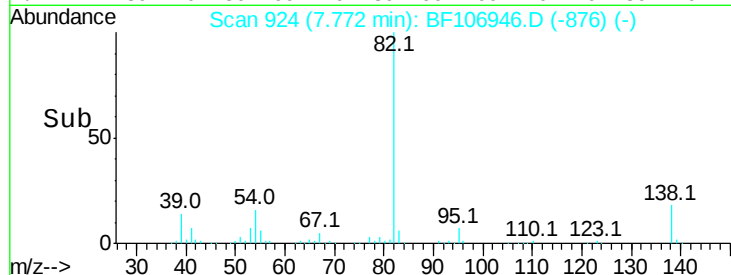
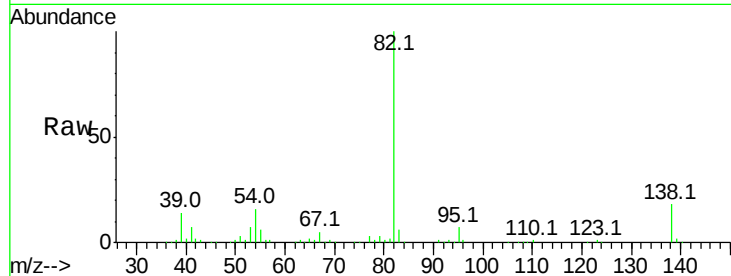
ClientSampleId :

S39-9005MS

Tot Ion:	82	Resp:	337751
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 22.864 ng

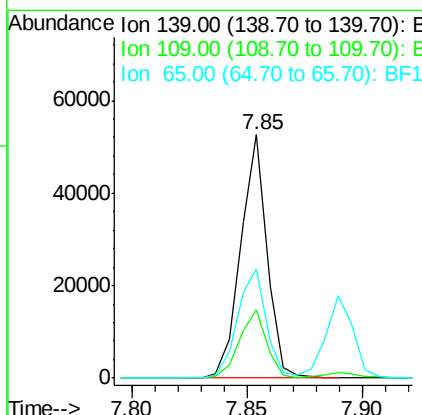
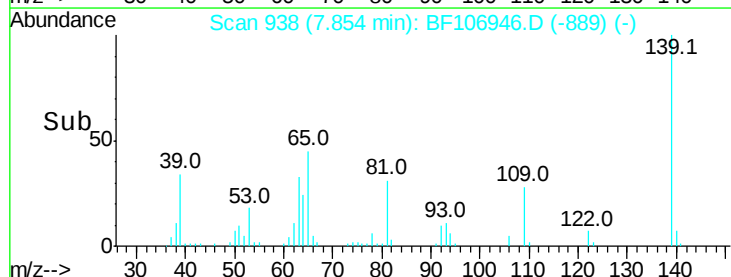
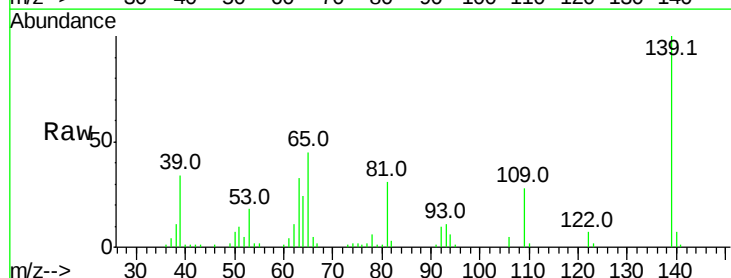
RT: 7.85 min Scan# 938

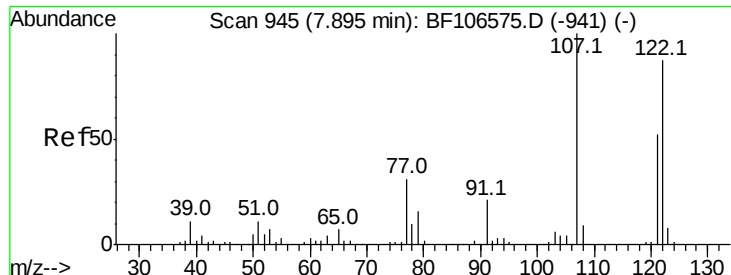
Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Tgt Ion:	139	Resp:	42096
Ion Ratio	Lower	Upper	
139	100		
109	27.9	22.7	34.1
65	44.7	40.5	60.7





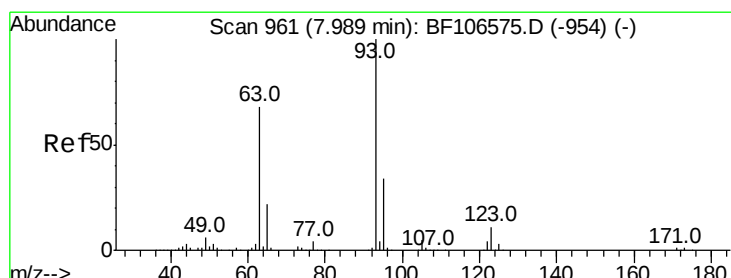
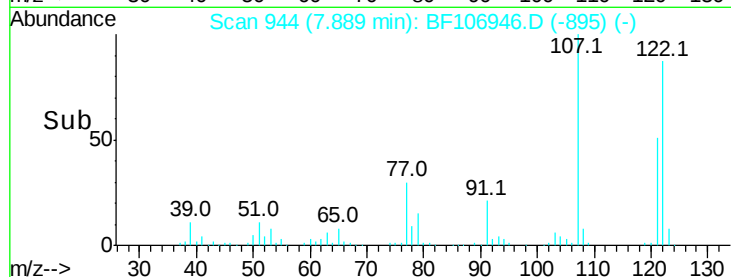
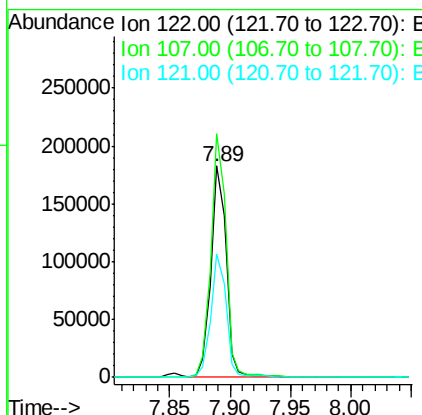
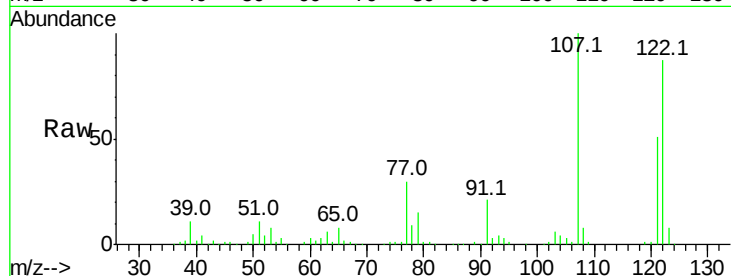
#27
 2,4-Dimethylphenol
 Concen: 56.706 ng
 RT: 7.89 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	91.2	136.8
121	58.6	47.2	70.8

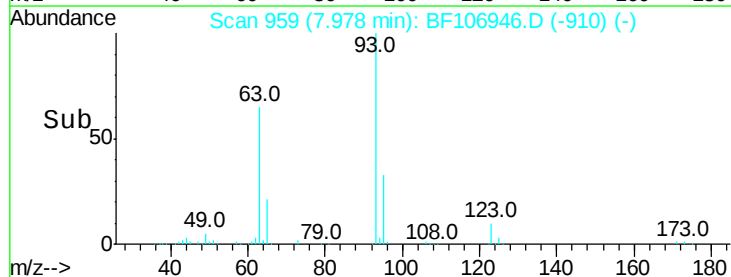
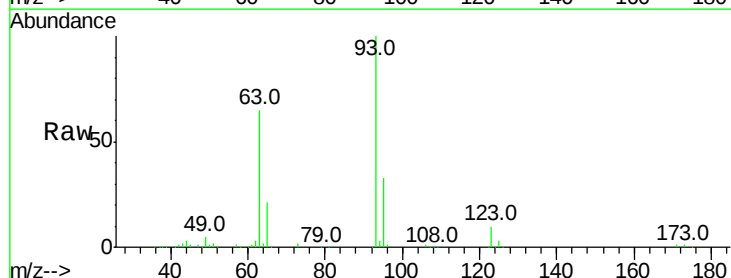
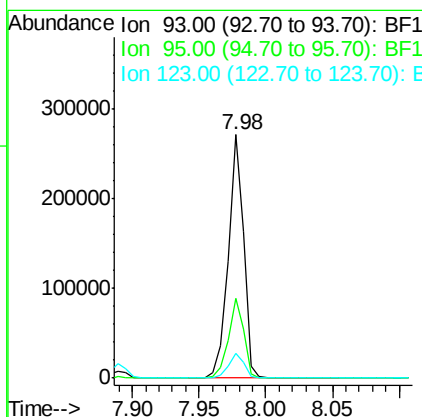
Manual Integrations
 APPROVED

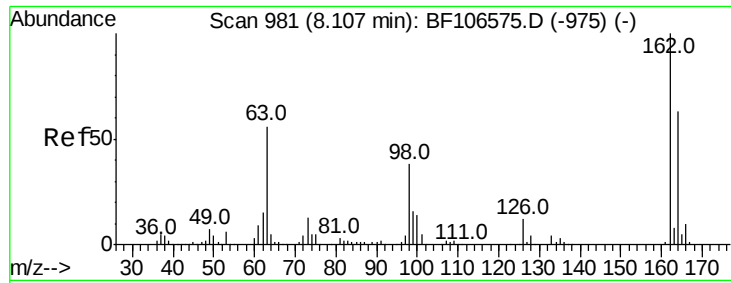
Sohil
 6/29/2018 2:31:03 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.031 ng
 RT: 7.98 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	10.4	9.8	14.6





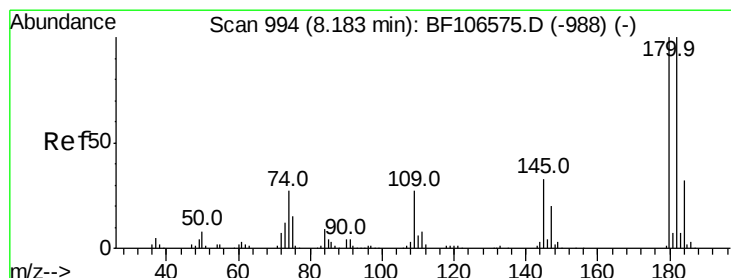
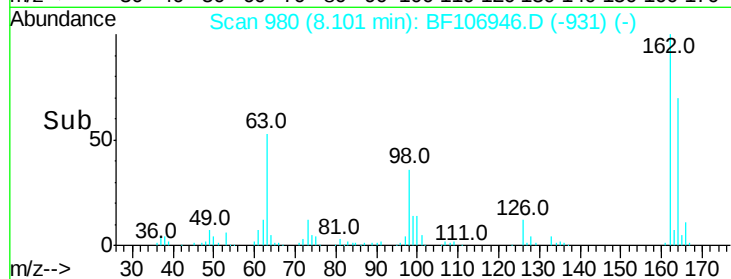
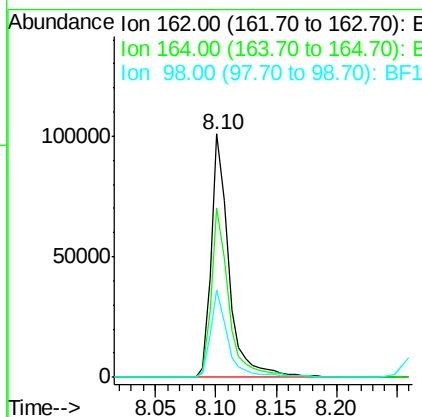
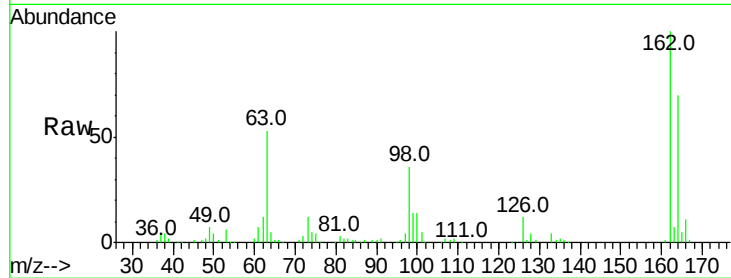
#29
 2,4-Dichlorophenol
 Concen: 34.154 ng
 RT: 8.10 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

Tot Ion:	162	Resp:	101757
Ion Ratio	Lower	Upper	
162	100		
164	69.6	42.7	82.7
98	36.0	18.1	58.1

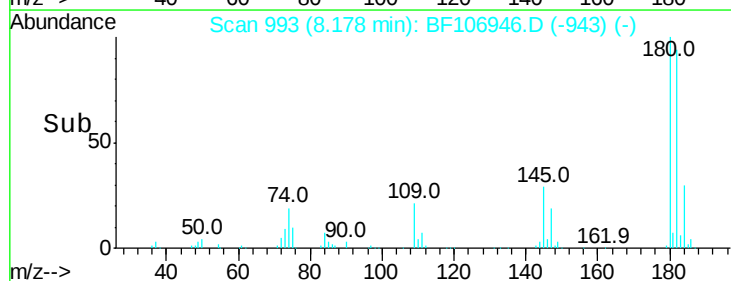
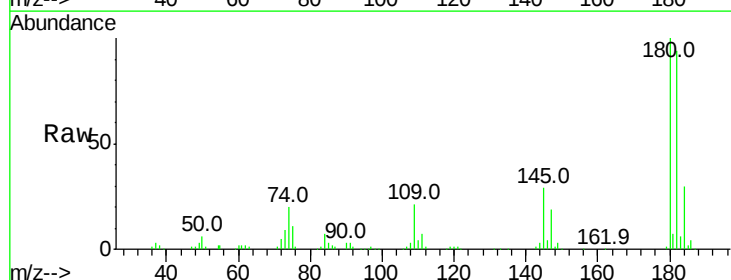
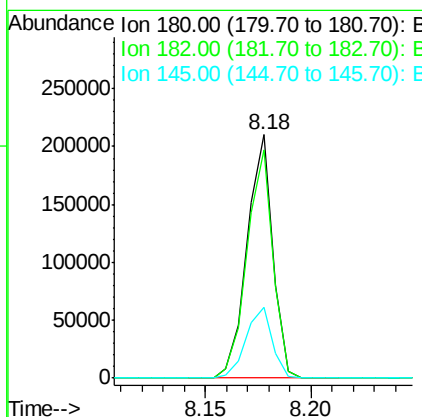
Manual Integrations
 APPROVED

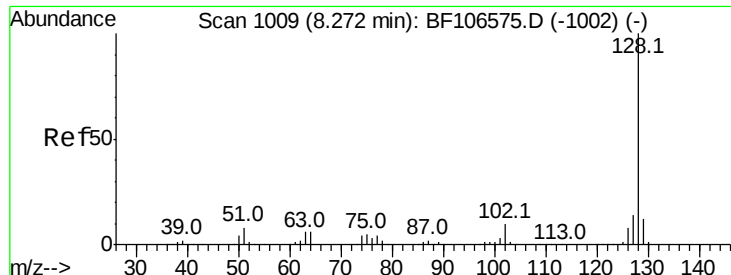
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 54.257 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion:	180	Resp:	178075
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.8	115.2
145	29.3	26.5	39.7





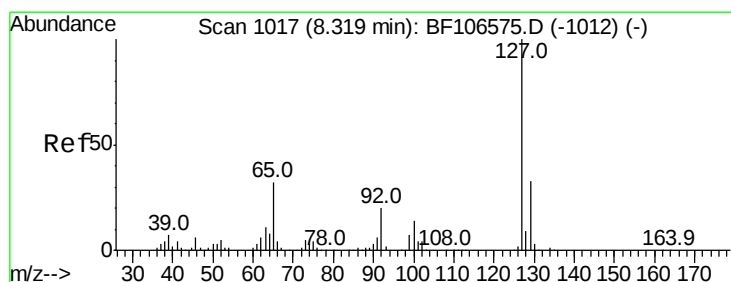
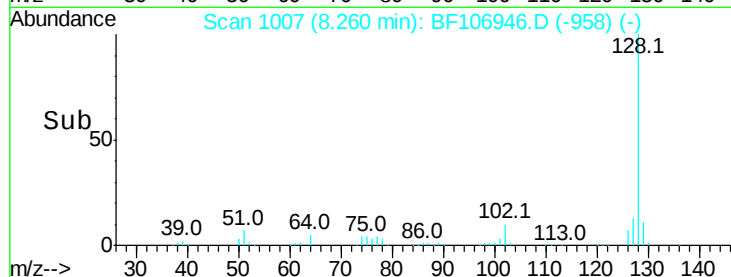
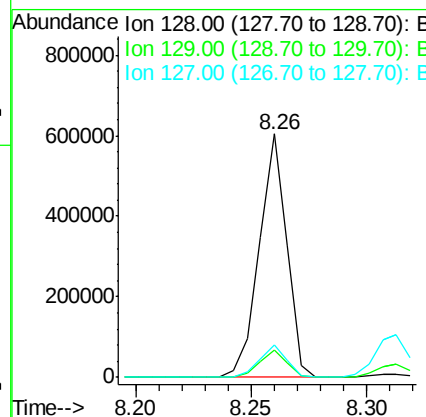
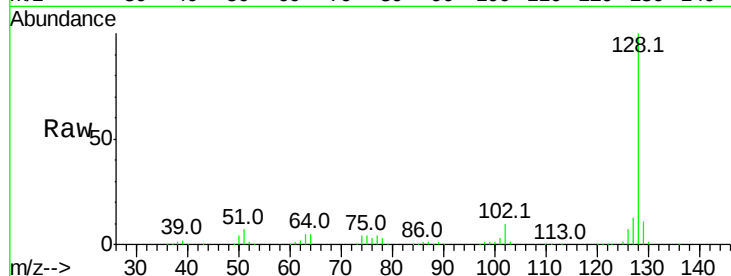
#31
Naphthalene
Concen: 50.886 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.3	10.9	16.3

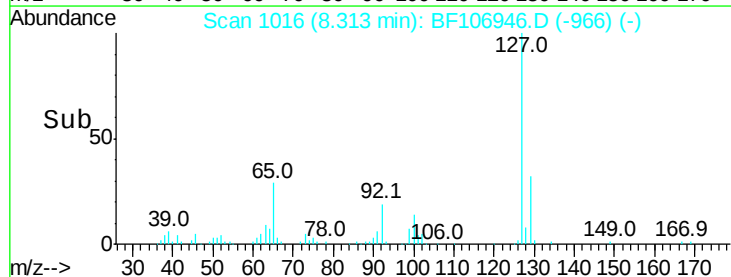
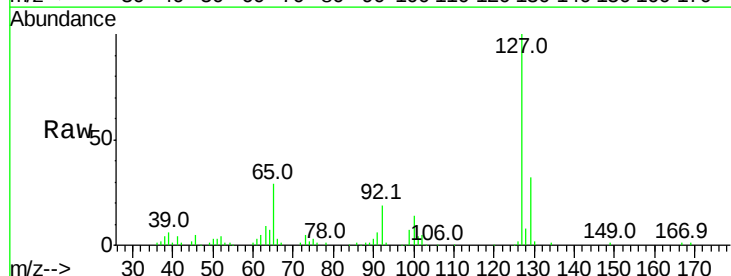
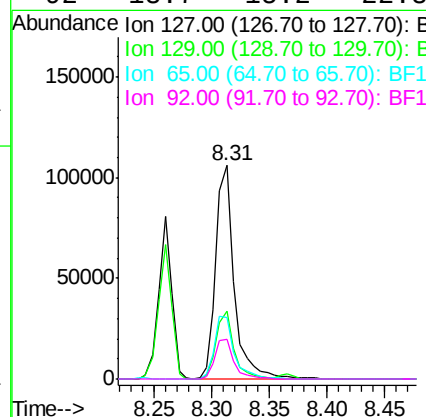
Manual Integrations
APPROVED

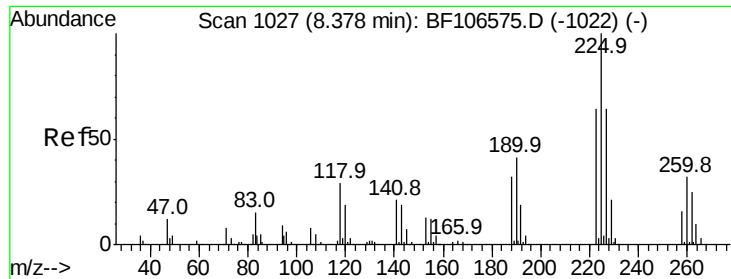
Sohil
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#33
4-Chloroaniline
Concen: 28.550 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	31.6	25.9	38.9
65	29.0	25.0	37.4
92	18.7	15.2	22.8





#34

Hexachlorobutadiene

Concen: 56.215 ng

RT: 8.37 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

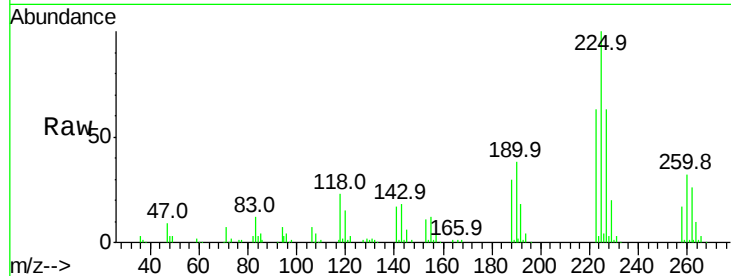
ClientSampleId :

S39-9005MS

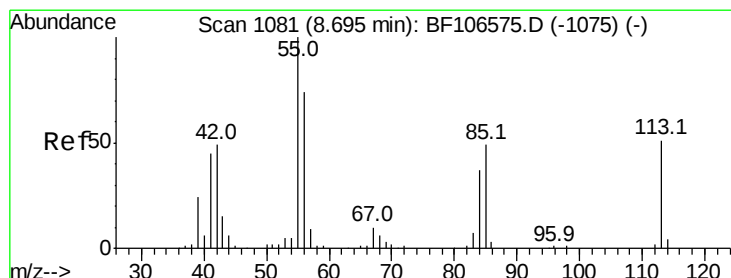
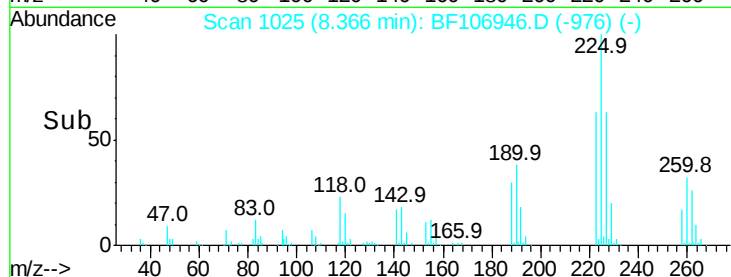
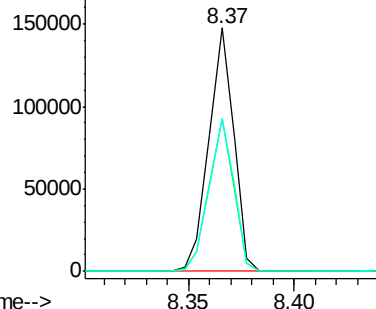
Tot Ion:	225	Resp:	120220
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.6	76.0
227	62.6	51.9	77.9

Manual Integrations
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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: 43.806 ng

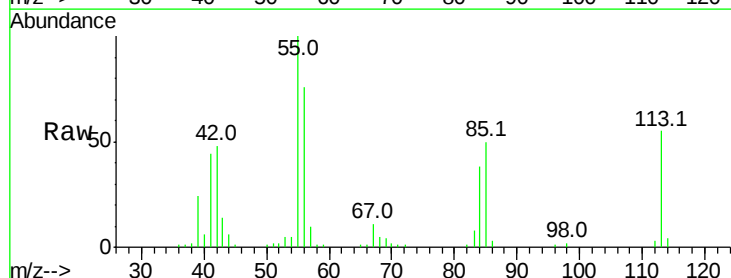
RT: 8.66 min Scan# 1075

Delta R.T. -0.05 min

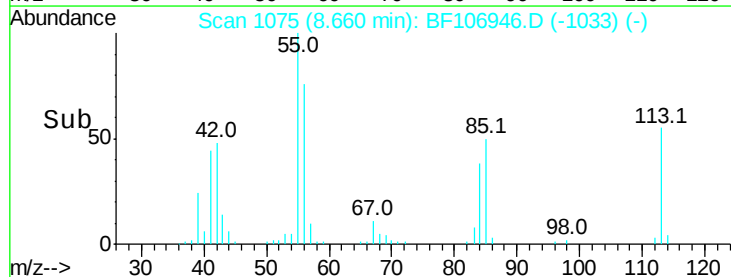
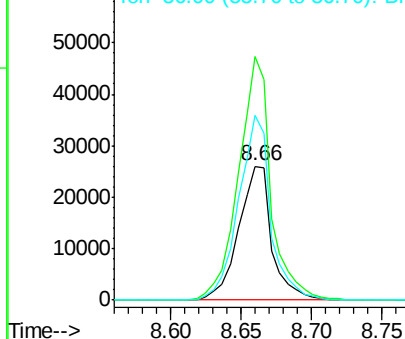
Lab File: BF106946.D

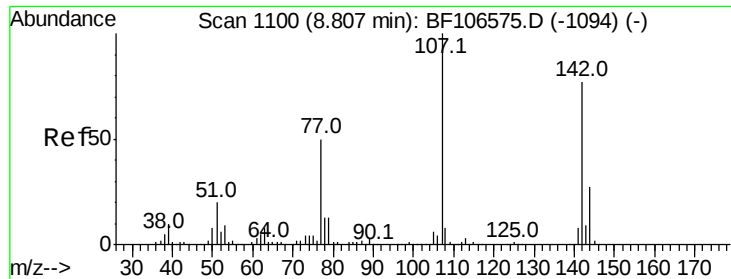
Acq: 29 Jun 2018 2:43

Tgt Ion:	113	Resp:	42543
Ion Ratio	Lower	Upper	
113	100		
55	182.1	163.3	203.3
56	138.4	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





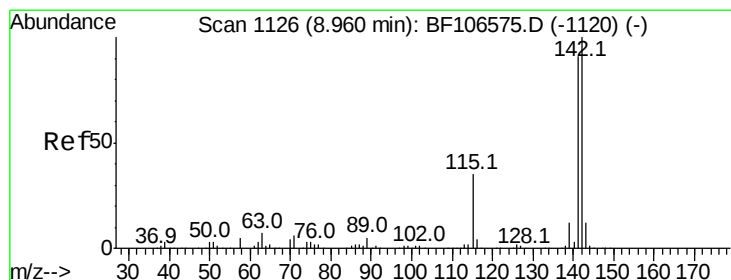
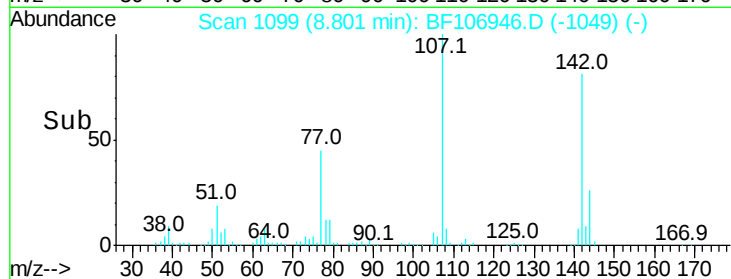
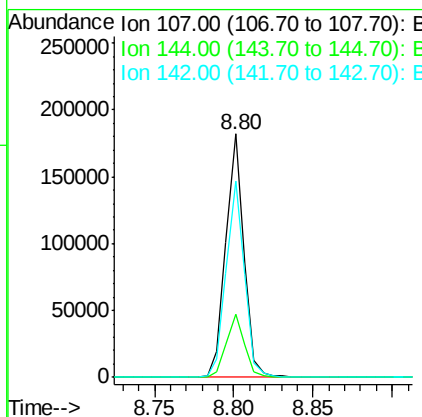
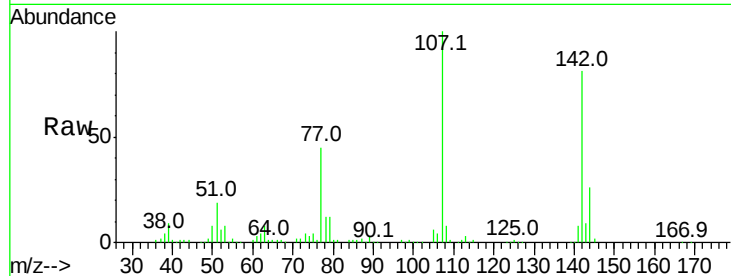
#36
 4-Chloro-3-methylphenol
 Concen: 46.020 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Instrument :
 BNA_F
 ClientSampleID :
 S39-9005MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.0	20.5	30.7	
142	80.7	62.0	93.0	

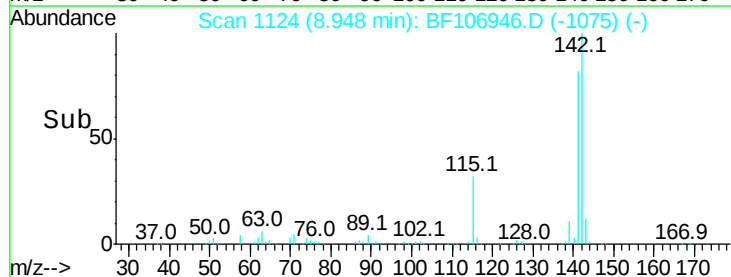
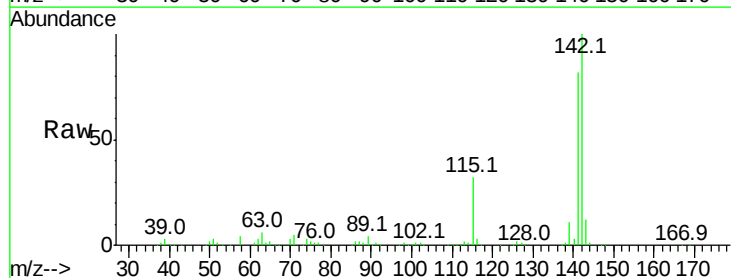
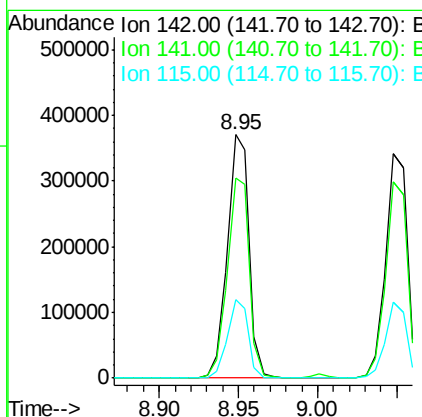
Manual Integrations
 APPROVED

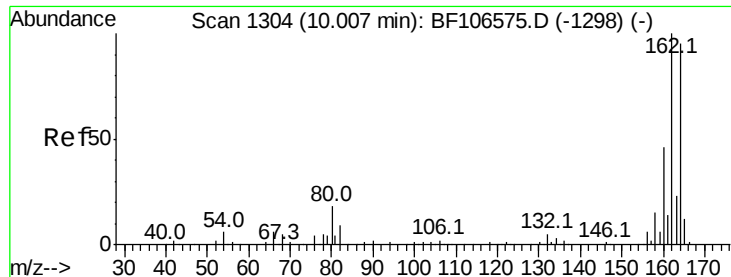
Sohil
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#37
 2-Methylnaphthalene
 Concen: 53.319 ng
 RT: 8.95 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	82.2	70.8	106.2	
115	32.1	26.1	39.1	





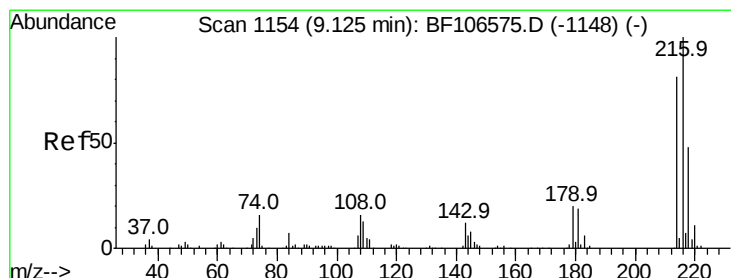
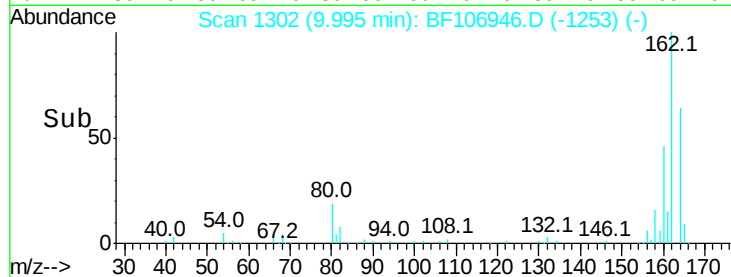
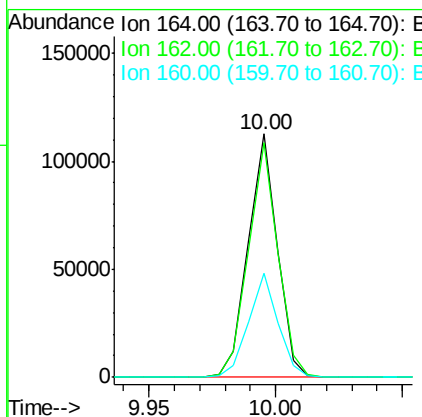
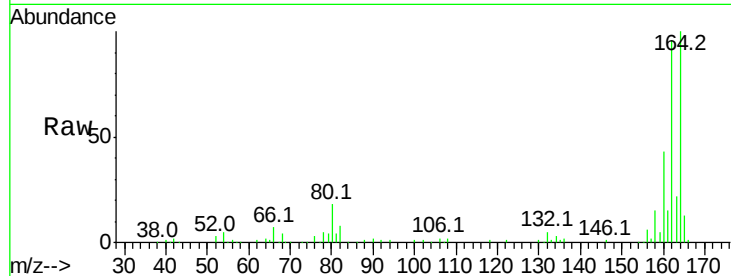
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampled :
S39-9005MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.2	86.1	129.1
160	42.6	38.3	57.5

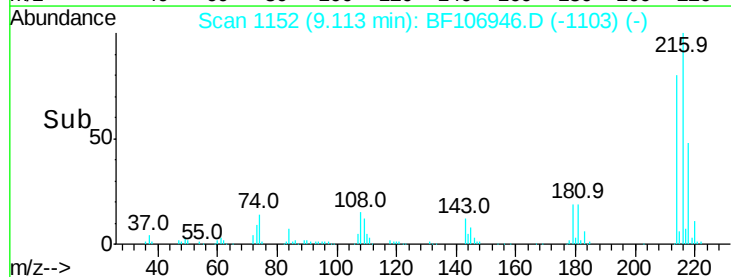
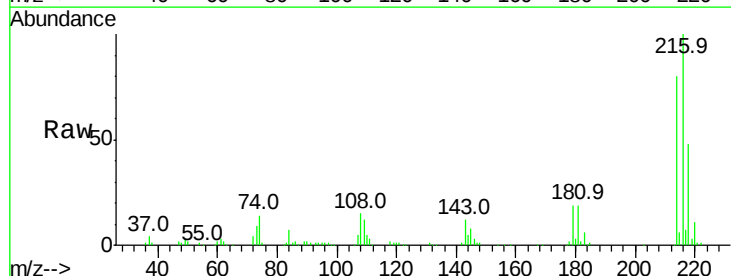
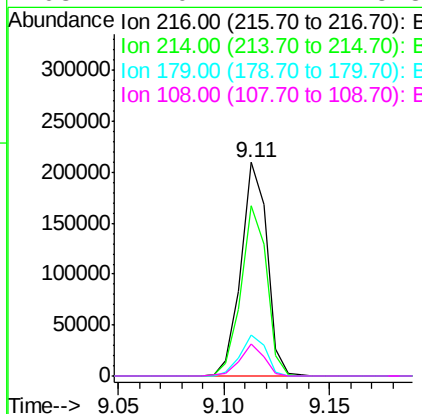
Manual Integrations
APPROVED

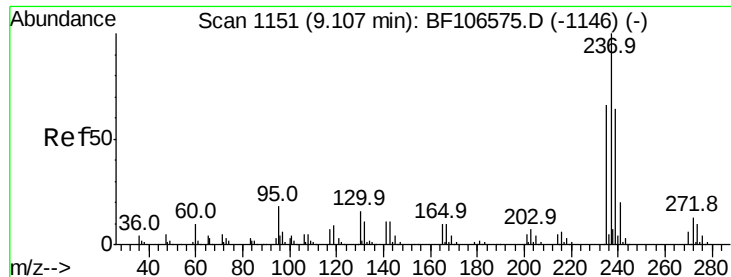
Sohil
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 58.832 ng
RT: 9.11 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	19.3	18.1	27.1
108	14.0	17.2	25.8#





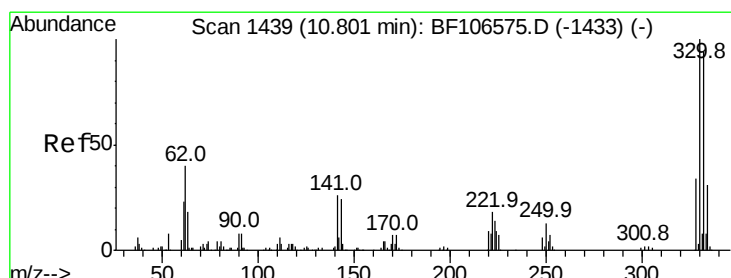
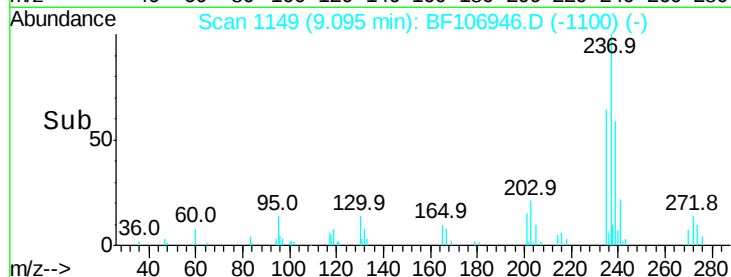
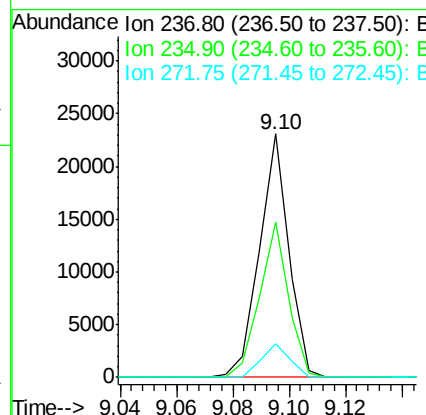
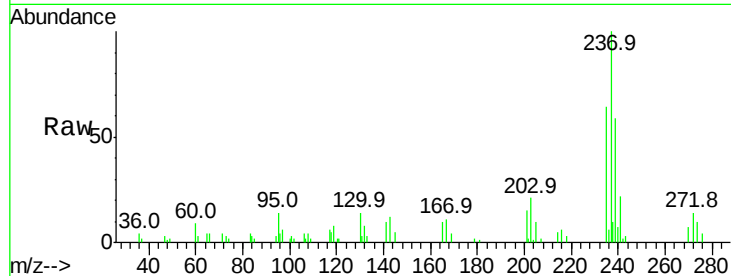
#40
Hexachlorocyclopentadiene
Concen: 10.643 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	44.8	84.8
272	13.8	0.0	33.3

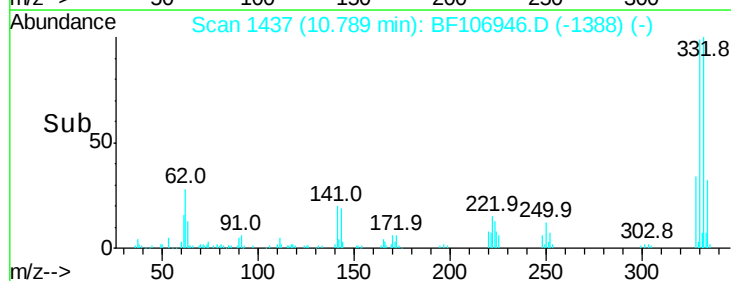
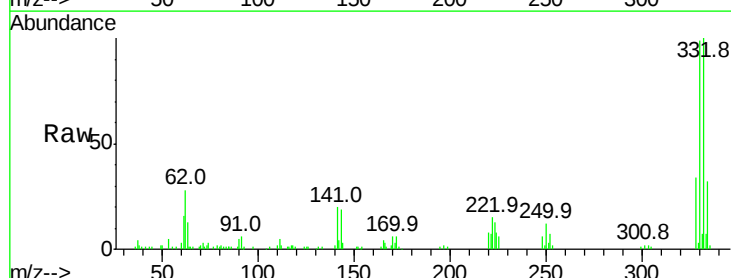
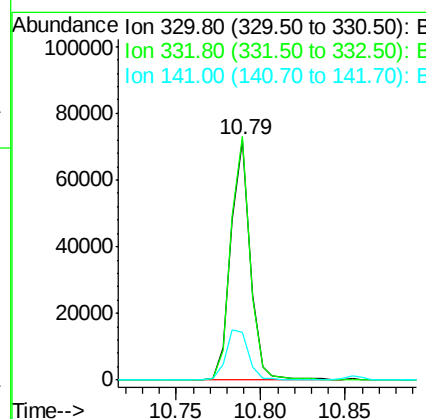
Manual Integrations
APPROVED

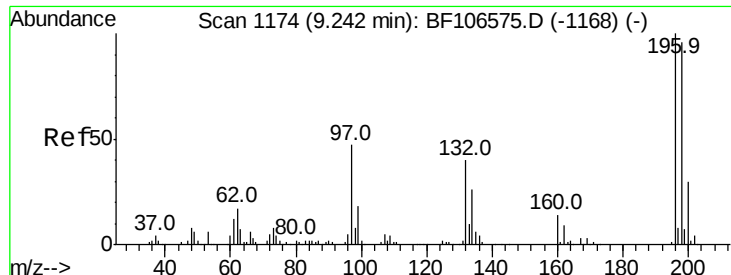
Sohil
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#41
2,4,6-Tribromophenol
Concen: 55.122 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	100.3	77.0	115.6
141	24.7	29.9	44.9#





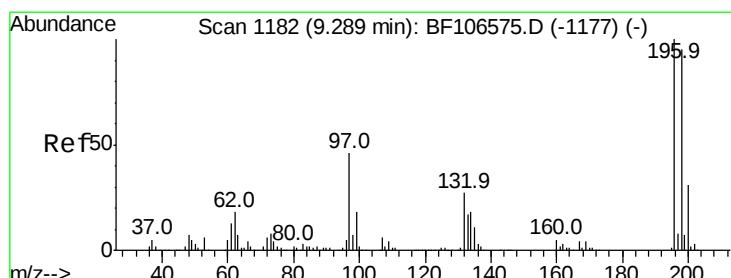
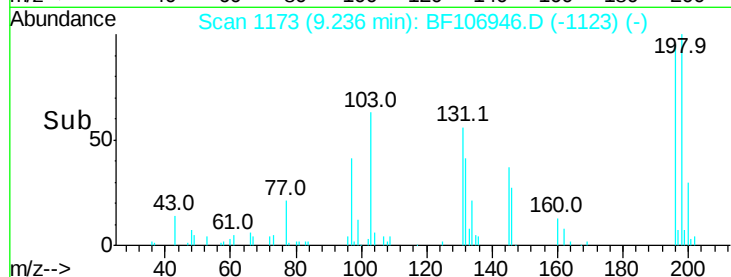
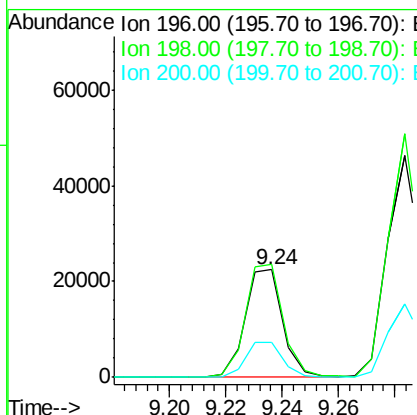
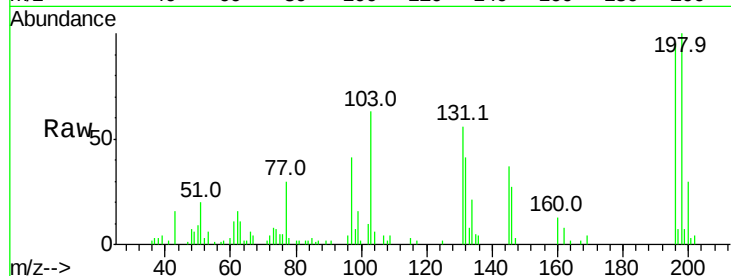
#42
 2,4,6-Trichlorophenol
 Concen: 10.206 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Instrument :
 BNA_F
 ClientSampled :
 S39-9005MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	20625		
198	105.4		75.7	113.5
200	32.0		24.5	36.7

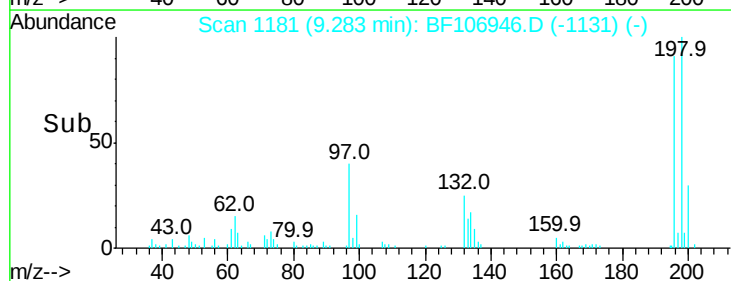
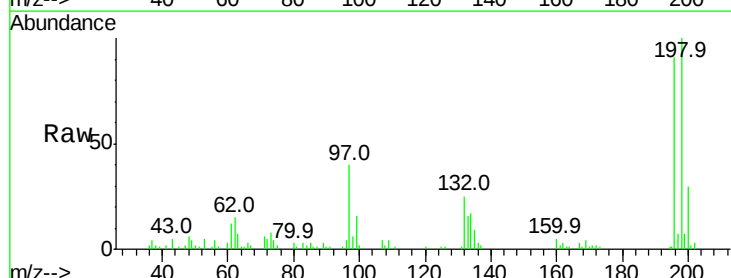
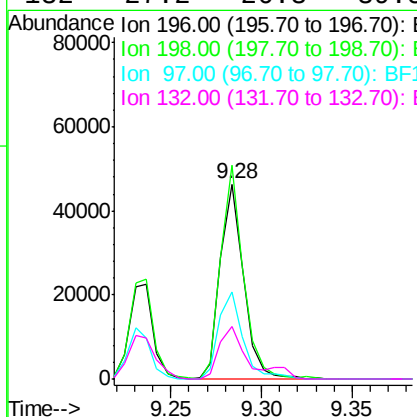
Manual Integrations
 APPROVED

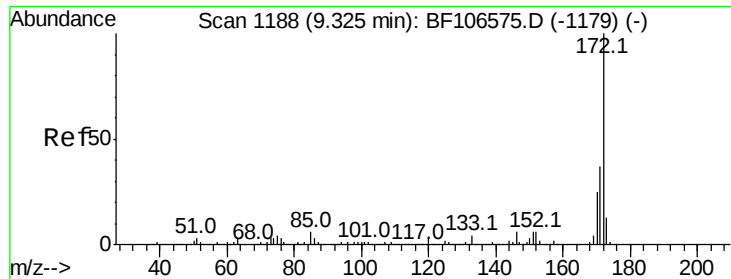
Sohil
 6/29/2018 2:31:03 PM



#43
 2,4,5-Trichlorophenol
 Concen: 19.911 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	41984		
198	109.6		74.6	112.0
97	44.4		42.9	64.3
132	27.2		26.3	39.5





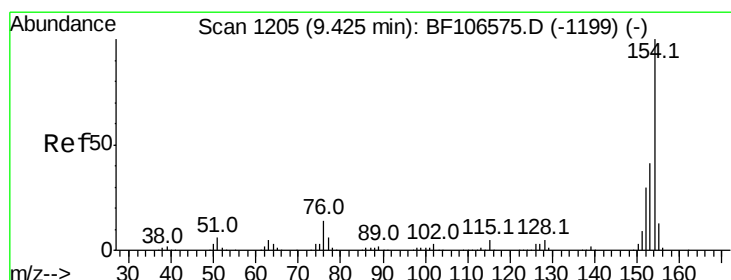
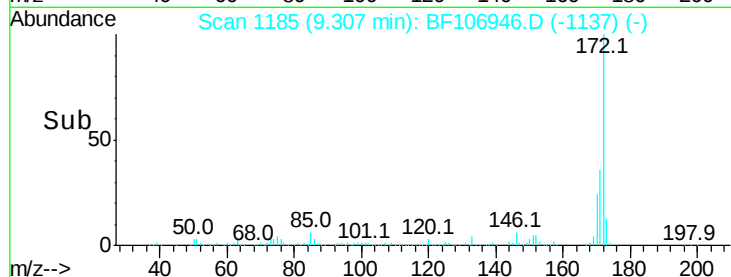
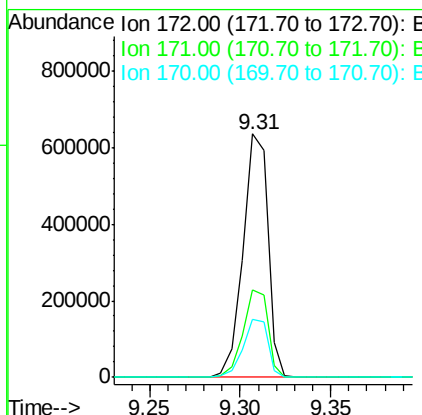
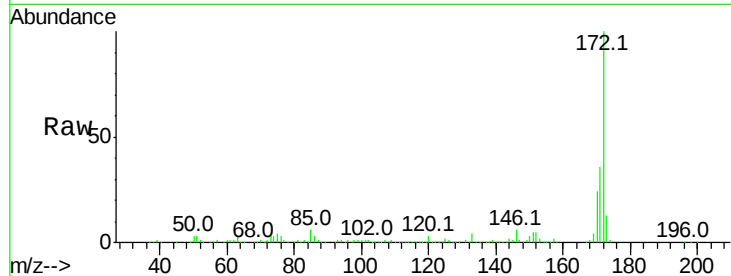
#44
2-Fluorobiphenyl
Concen: 119.613 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	23.7	19.6	29.4	

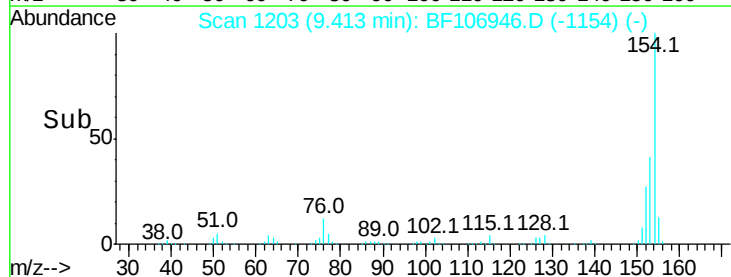
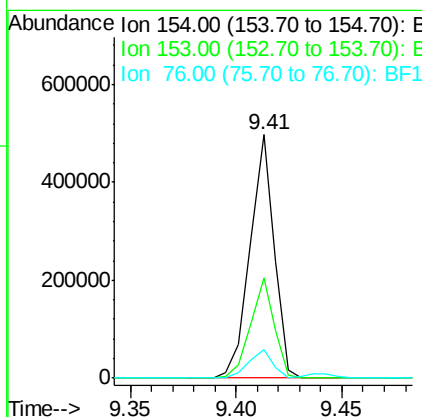
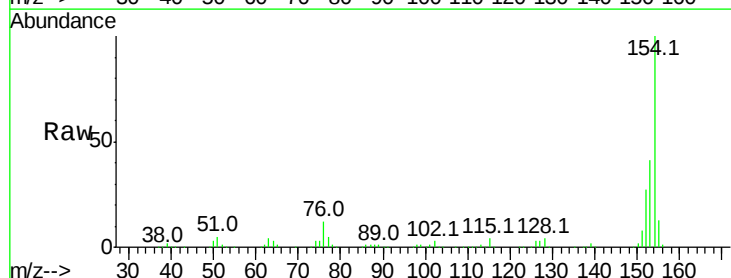
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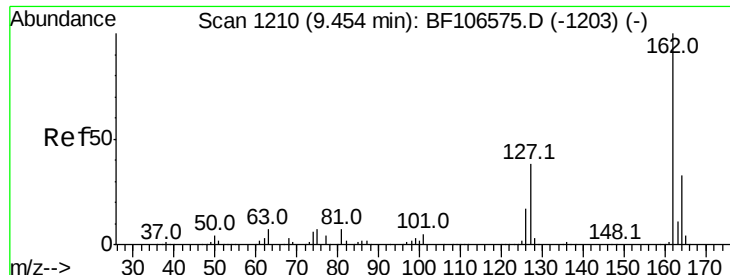
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#45
1,1'-Biphenyl
Concen: 55.284 ng
RT: 9.41 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.3	21.3	61.3	
76	11.6	0.0	34.0	





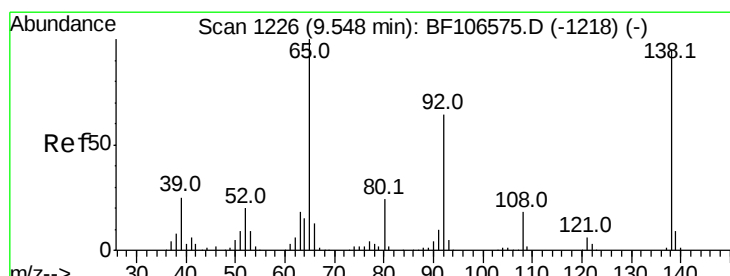
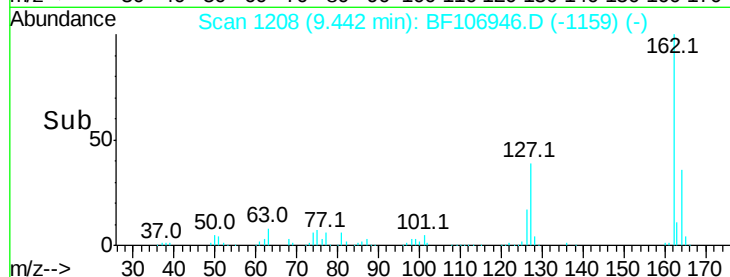
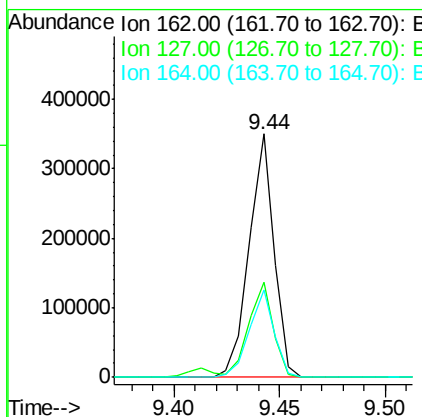
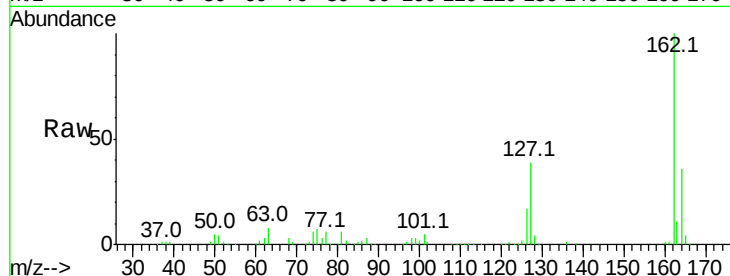
#46
 2-Chloronaphthalene
 Concen: 50.701 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.2	33.9	50.9
164	35.7	26.5	39.7

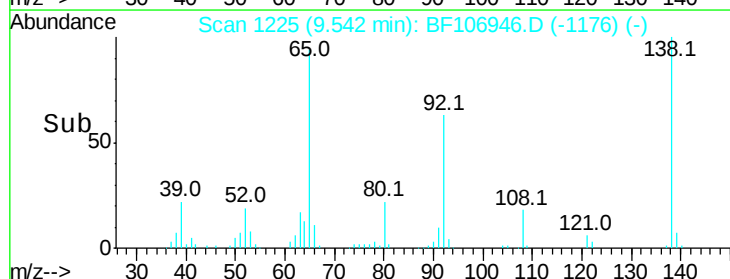
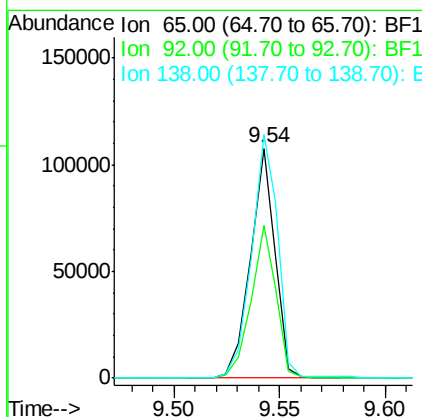
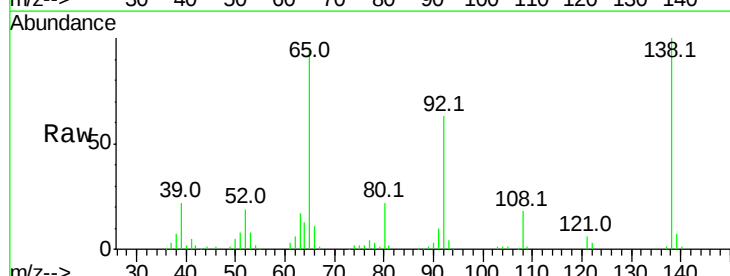
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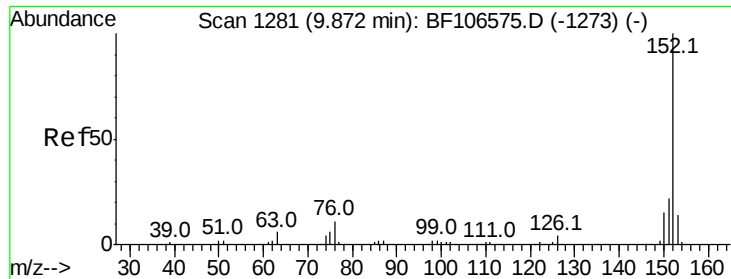
Sohil
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#47
 2-Nitroaniline
 Concen: 45.855 ng
 RT: 9.54 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	66.5	55.8	83.6
138	106.1	91.2	136.8





#48

Acenaphthylene

Concen: 48.981 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

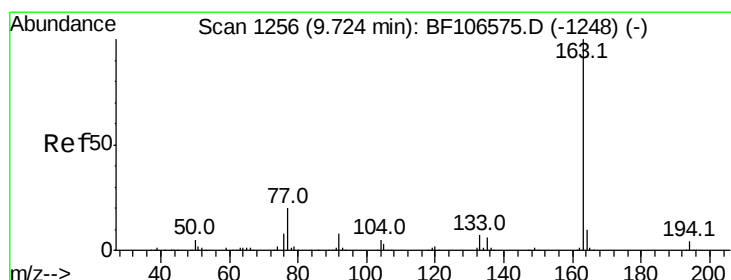
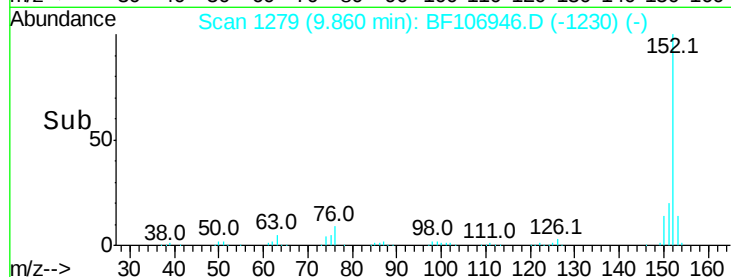
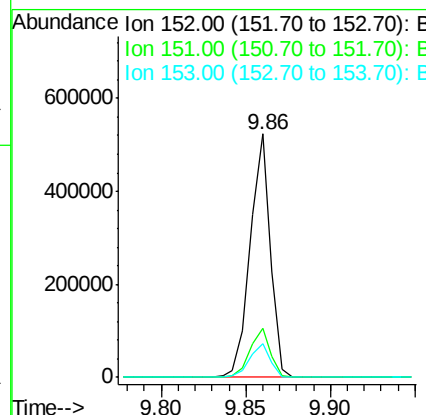
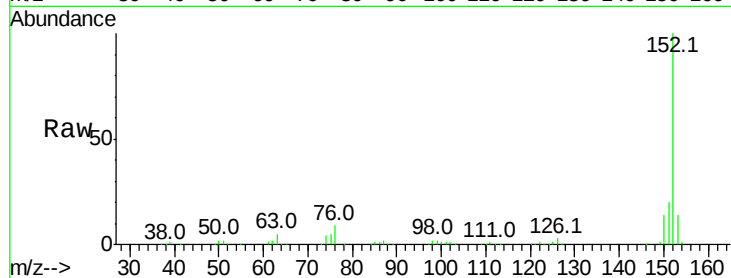
ClientSampleId :

S39-9005MS

Tot Ion:	152	Resp:	437919
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.3	24.5
153	14.1	10.7	16.1

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#49

Dimethylphthalate

Concen: 60.274 ng

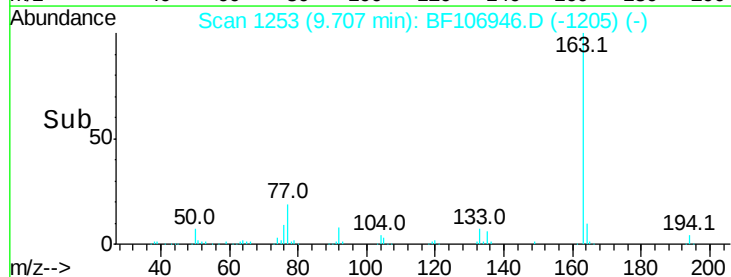
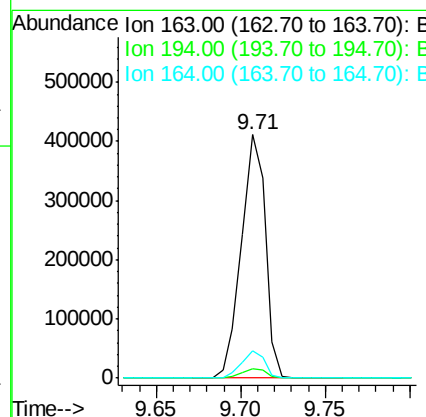
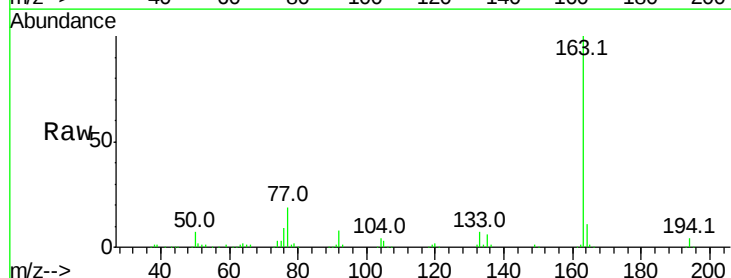
RT: 9.71 min Scan# 1253

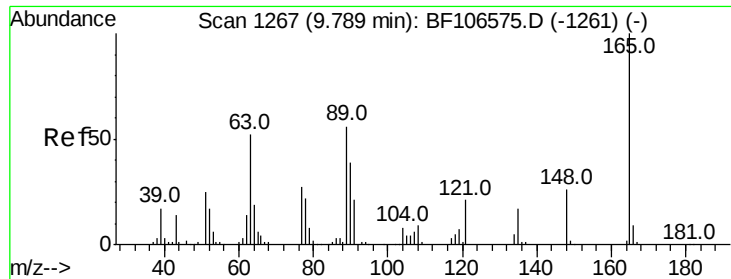
Delta R.T. -0.02 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Tgt Ion:	163	Resp:	408088
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	11.2	8.2	12.2





#50

2,6-Dinitrotoluene

Concen: 50.993 ng

RT: 9.78 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

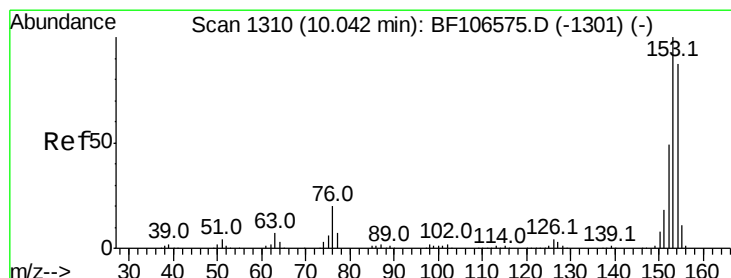
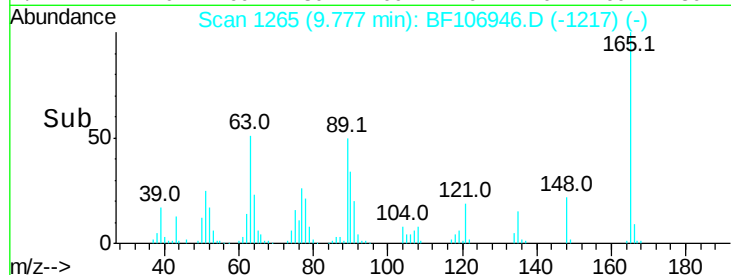
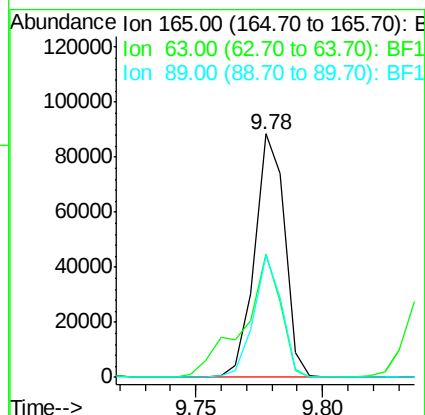
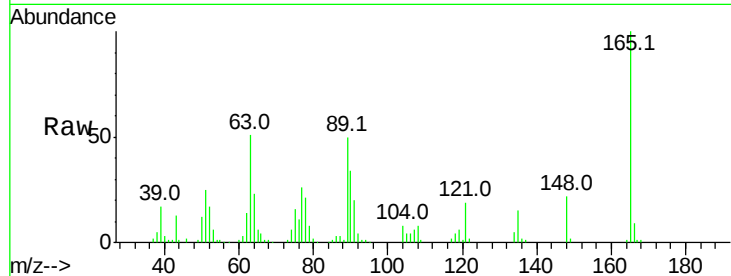
ClientSampleId :

S39-9005MS

Tot Ion:	165	Resp:	73107
Ion Ratio	Lower	Upper	
165	100		
63	50.8	44.7	67.1
89	50.1	44.0	66.0

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#51

Acenaphthene

Concen: 46.103 ng

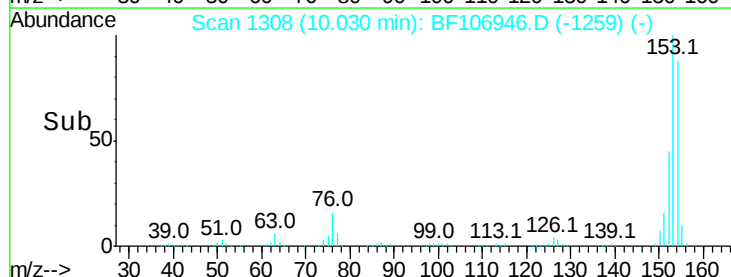
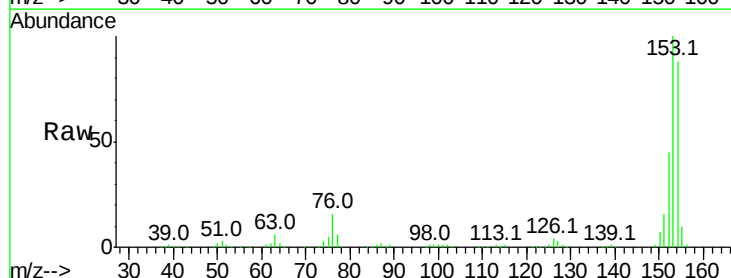
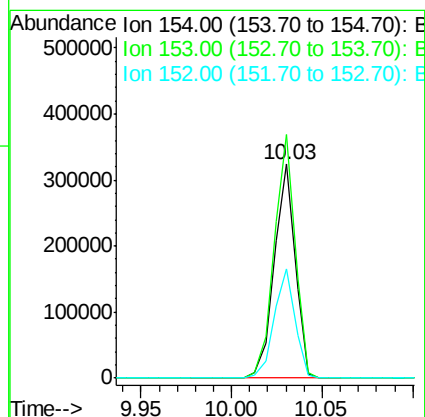
RT: 10.03 min Scan# 1308

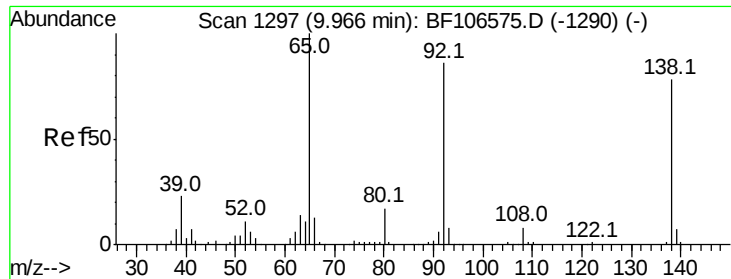
Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Tgt Ion:	154	Resp:	259560
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.2	136.8
152	50.9	43.8	65.8





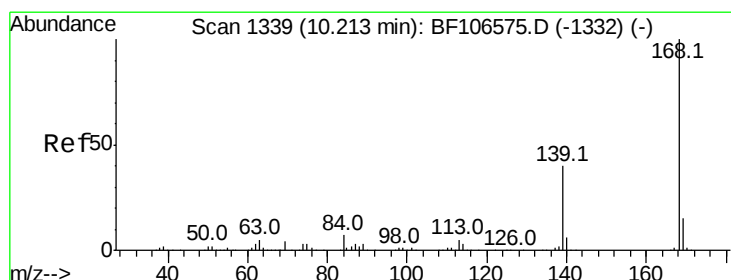
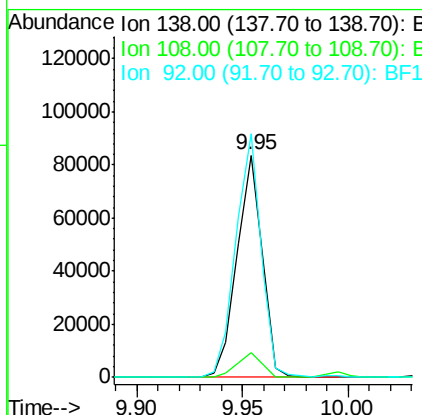
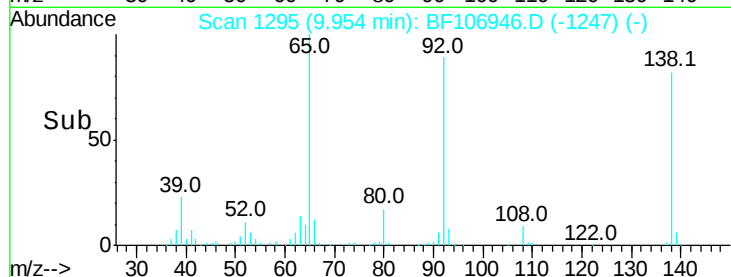
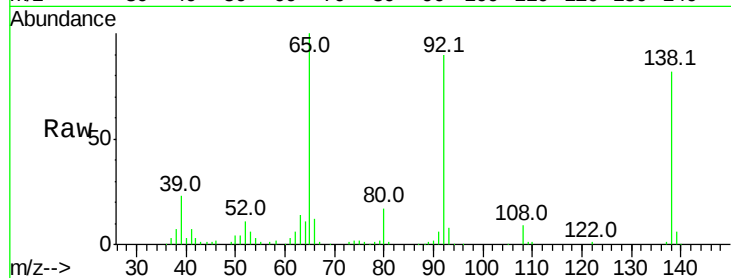
#52
3-Nitroaniline
Concen: 41.699 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.4	14.0
92	109.5	89.4	134.2

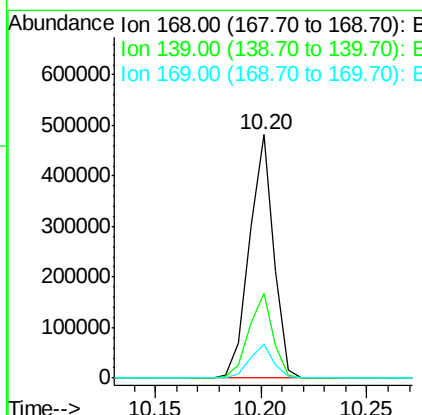
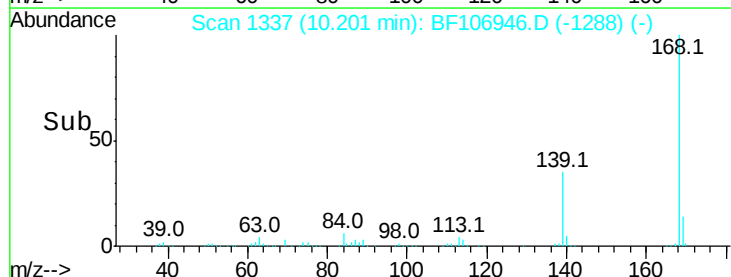
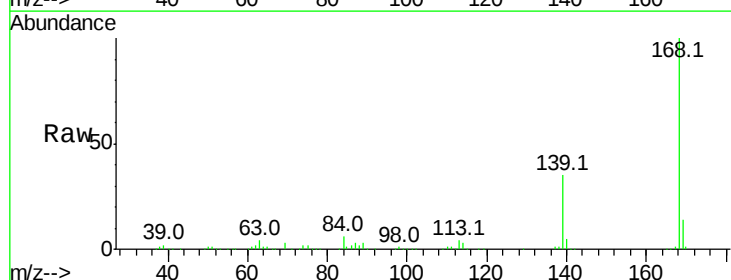
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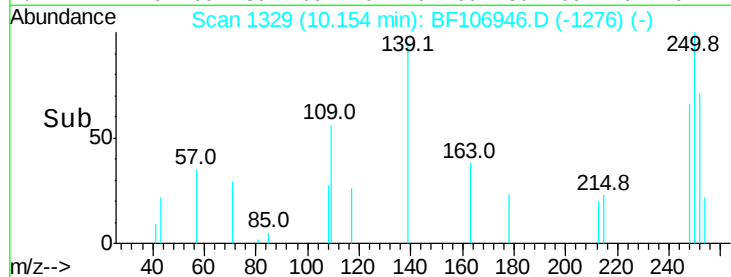
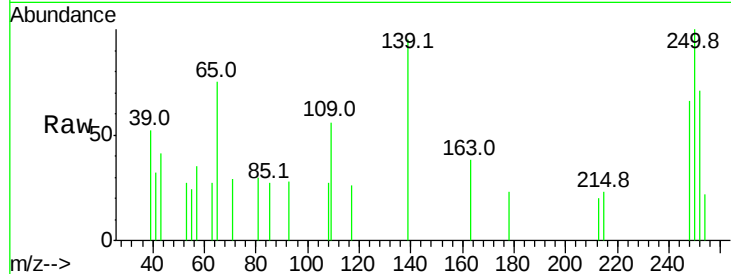
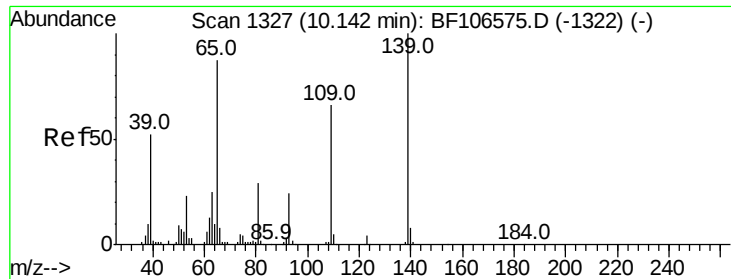
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#54
Dibenzofuran
Concen: 49.915 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.1	45.1
169	13.8	10.9	16.3





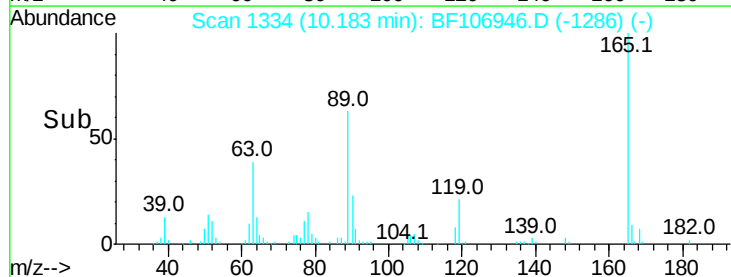
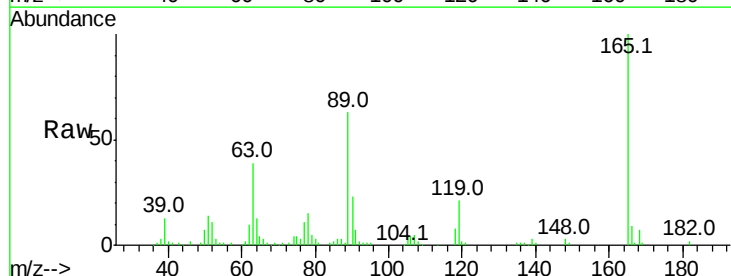
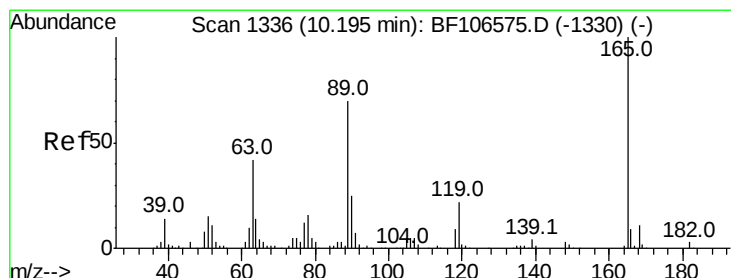
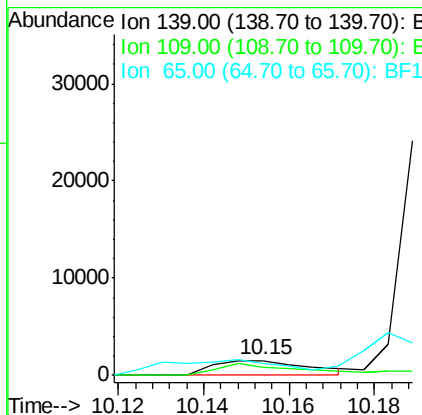
#55
4-Nitrophenol
Concen: 2.074 ng/ml
RT: 10.15 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.3	48.4	88.4
65	78.4	72.6	112.6

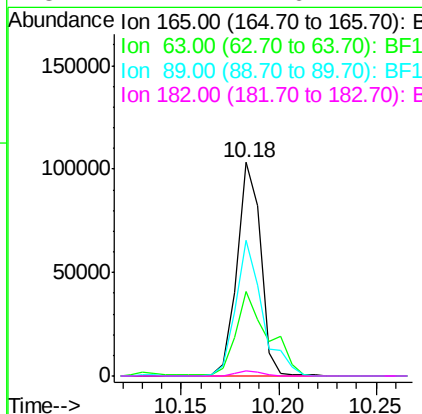
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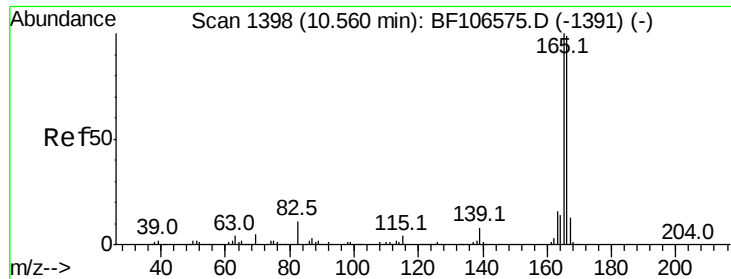
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#56
2,4-Dinitrotoluene
Concen: 46.324 ng/ml
RT: 10.18 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.3	36.4	54.6
89	63.5	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 47.068 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

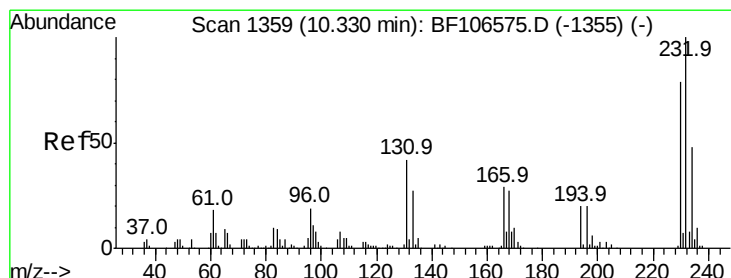
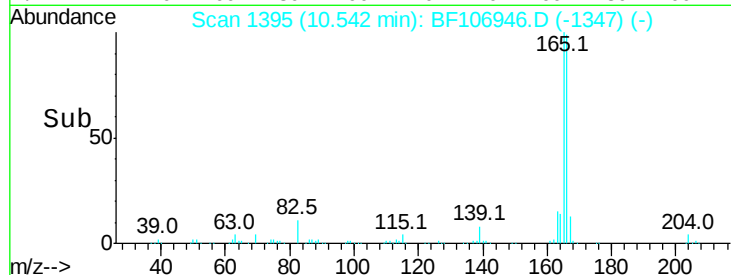
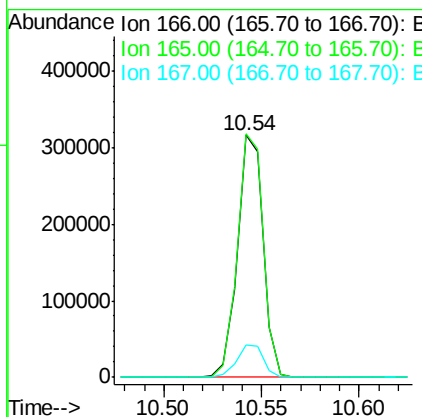
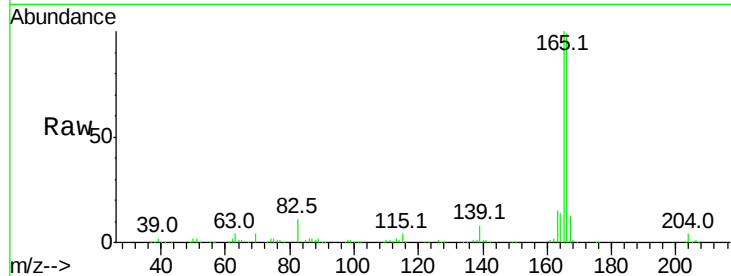
ClientSampleId :

S39-9005MS

Tot Ion:	166	Resp:	287937
Ion Ratio	Lower	Upper	
166	100		
165	100.6	79.8	119.8
167	13.5	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 6.231 ng

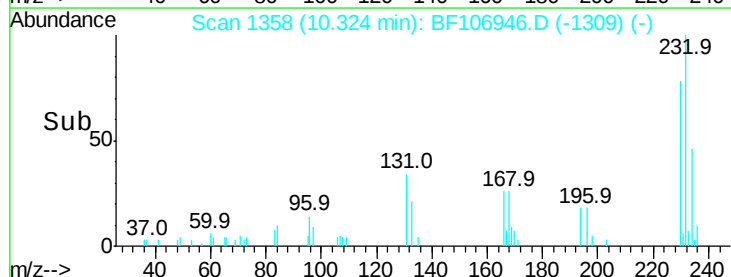
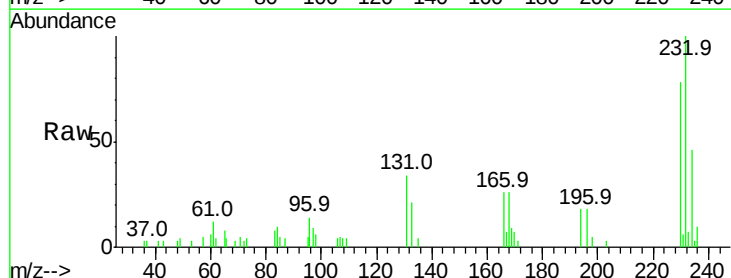
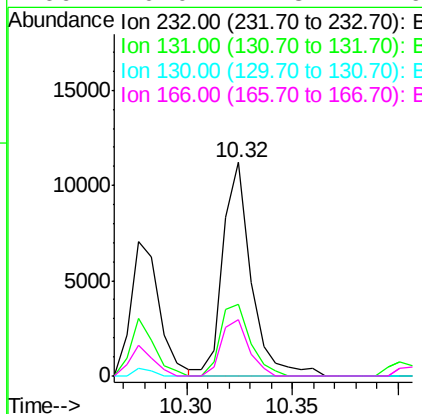
RT: 10.32 min Scan# 1358

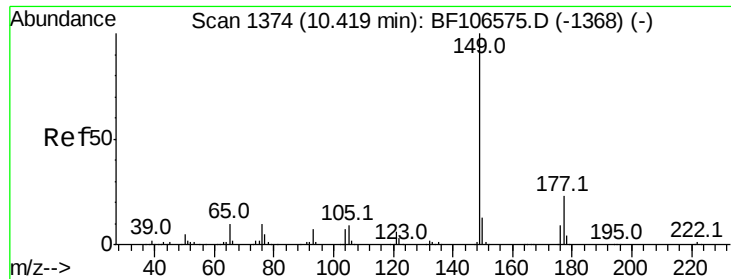
Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Tgt Ion:	232	Resp:	10444
Ion Ratio	Lower	Upper	
232	100		
131	35.8	43.8	65.8#
130	0.0	2.1	3.1#
166	0.0	27.8	41.6#





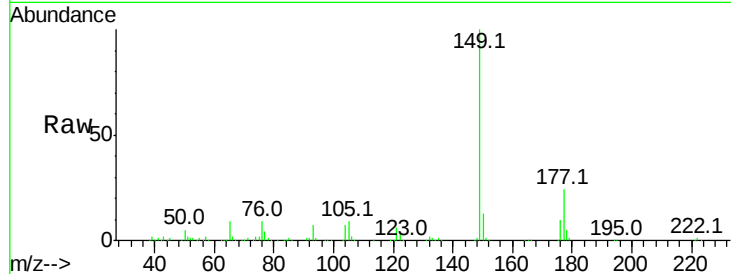
#59
Diethylphthalate
Concen: 44.689 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

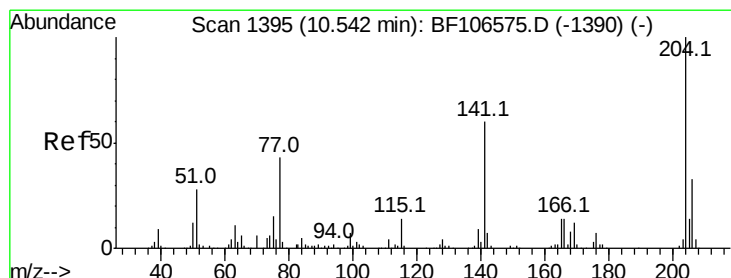
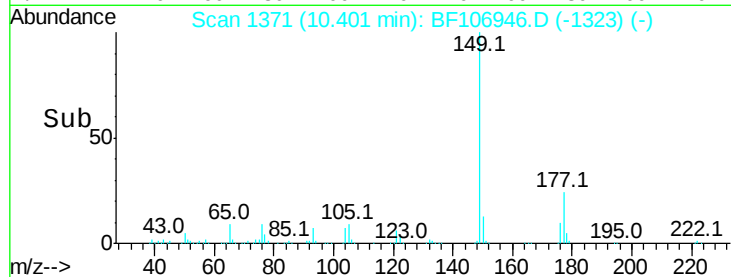
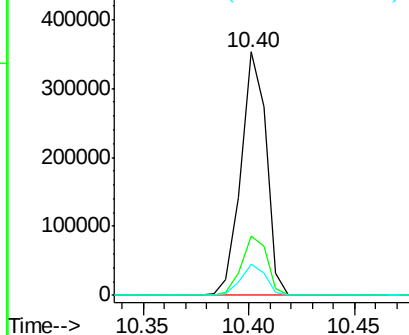
Tot Ion	Ratio	Resp	Lower	Upper
149	100	292028		
177	24.4	16.1	24.1#	
150	12.6	10.1	15.1	

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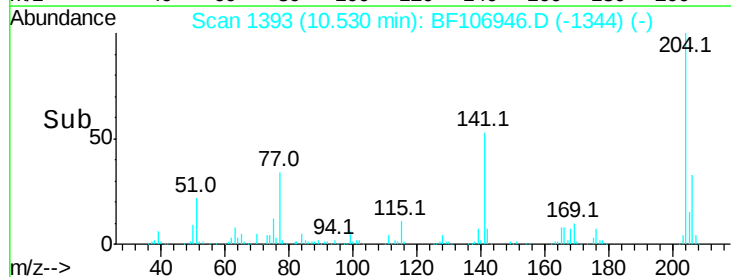
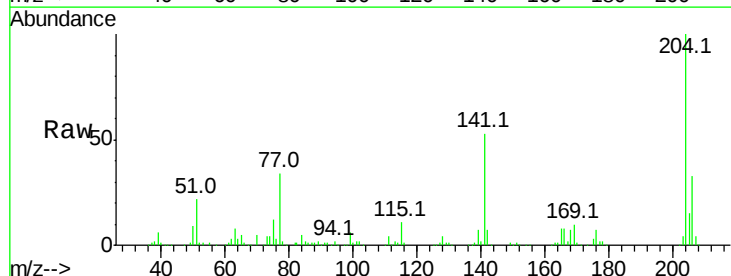
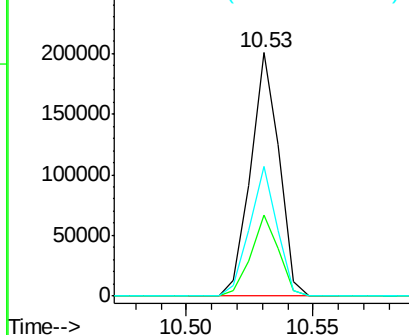
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

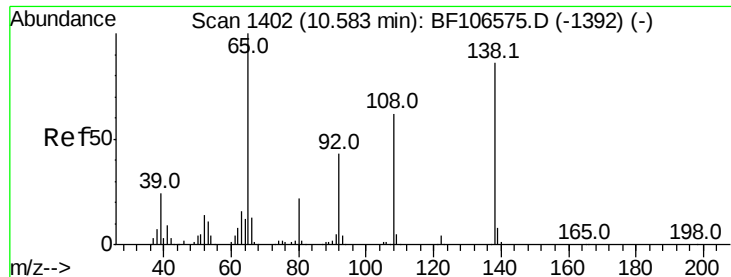


#60
4-Chlorophenyl-phenylether
Concen: 48.935 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	156633		
206	33.1	26.5	39.7	
141	53.2	54.6	81.8#	

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





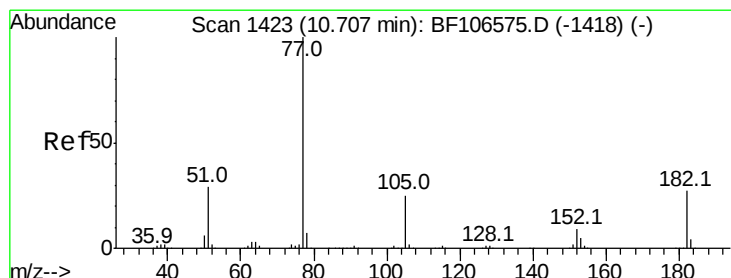
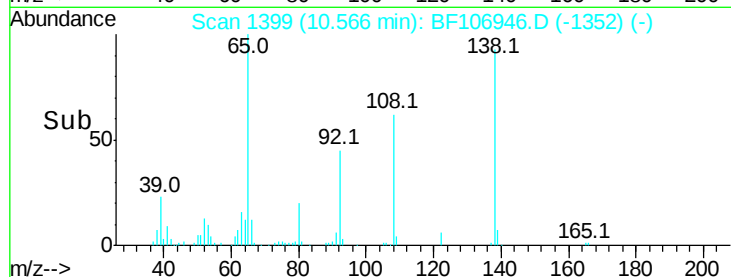
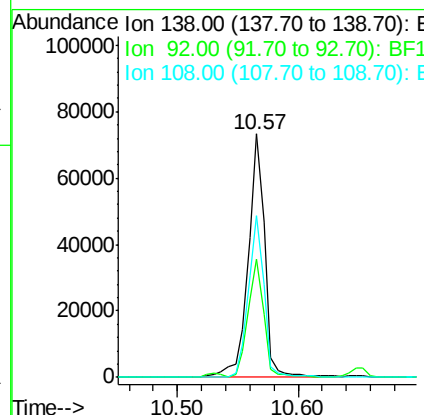
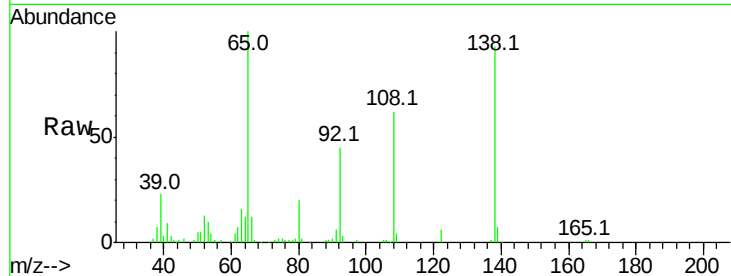
#61
4-Nitroaniline
Concen: 43.092 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampled :
S39-9005MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.3	30.2	70.2
108	66.5	52.5	92.5

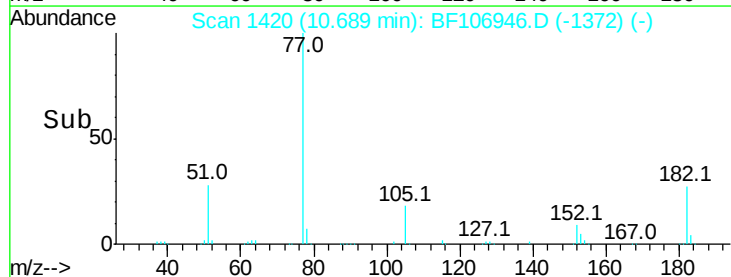
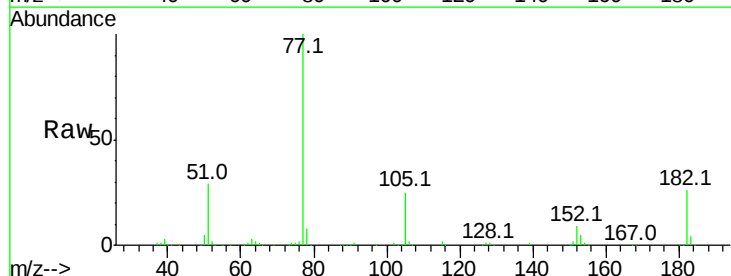
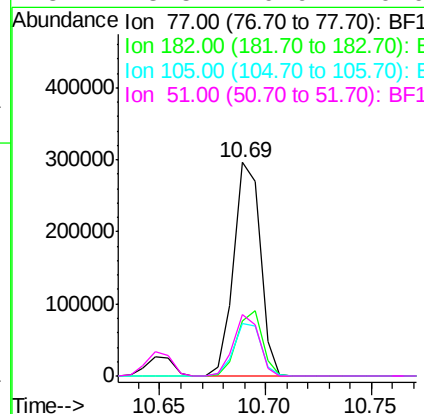
Manual Integrations
APPROVED

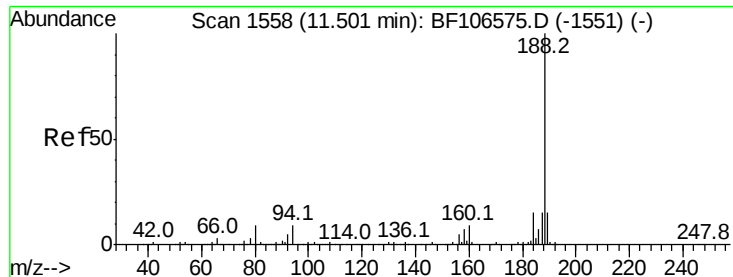
Sohil
6/29/2018 2:31:03 PM



#62
Azobenzene
Concen: 39.981 ng
RT: 10.69 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	1.7	41.7
105	24.7	3.0	43.0
51	28.5	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: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

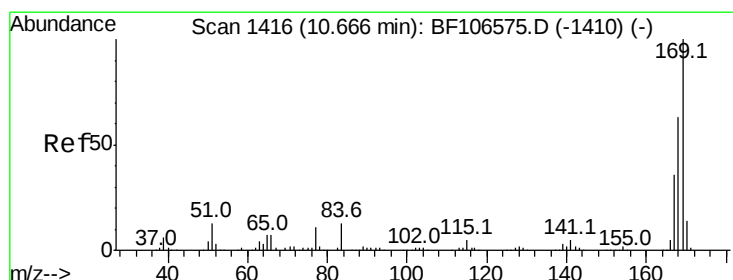
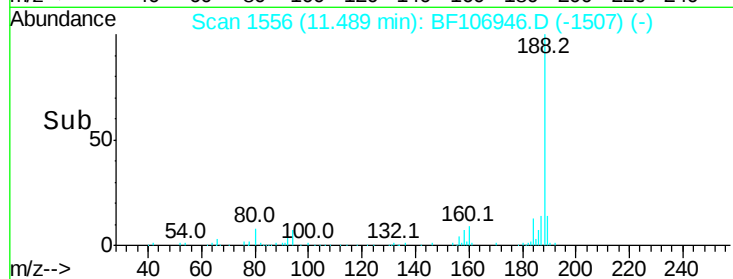
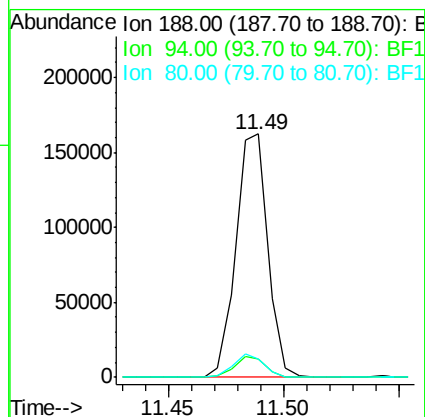
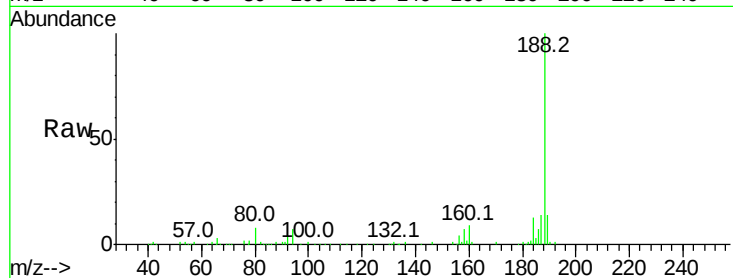
ClientSampleId :

S39-9005MS

Tot Ion:	188	Resp:	156211
Ion Ratio	Lower	Upper	
188	100		
94	7.3	8.5	12.7#
80	7.7	9.2	13.8#

Manual Integrations
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#65

n-Nitrosodiphenylamine

Concen: 48.383 ng

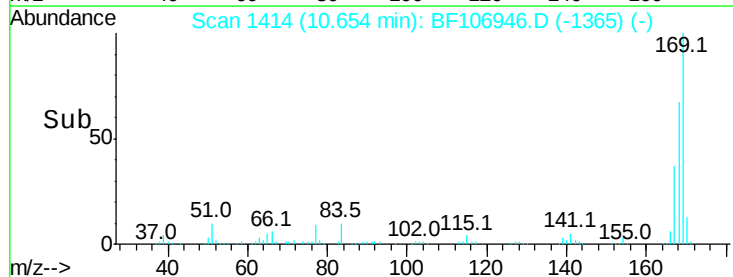
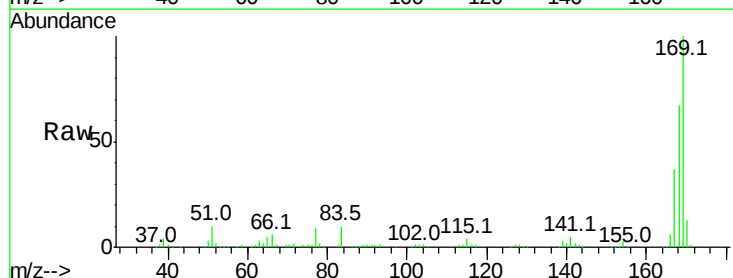
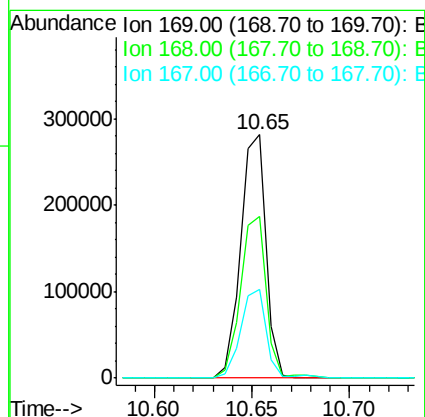
RT: 10.65 min Scan# 1414

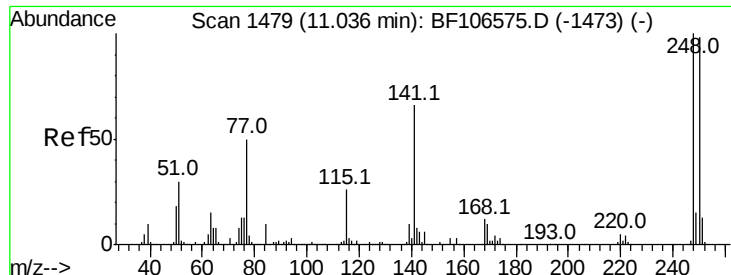
Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Tgt Ion:	169	Resp:	254214
Ion Ratio	Lower	Upper	
169	100		
168	66.5	54.4	81.6
167	36.7	29.8	44.6





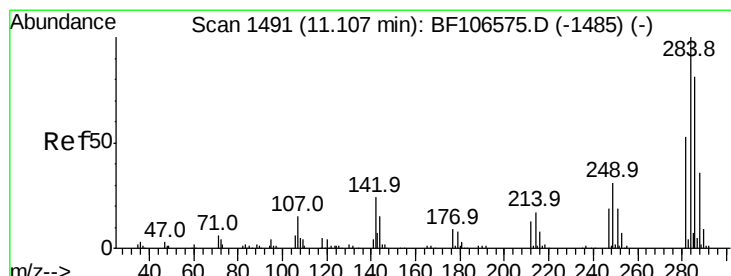
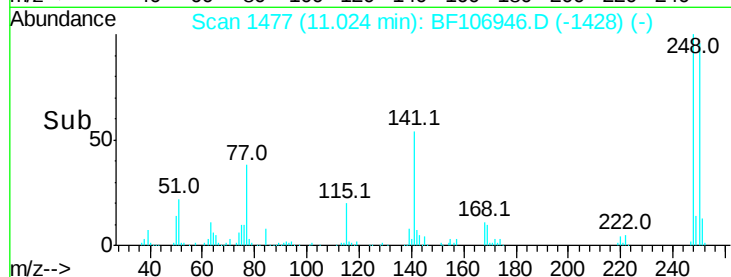
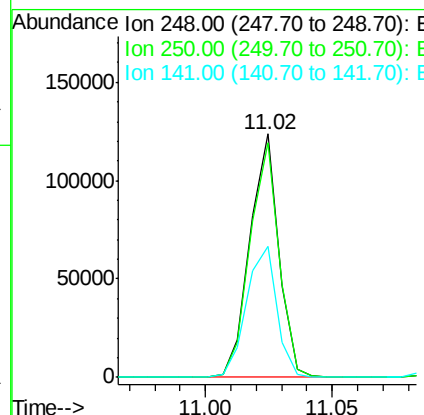
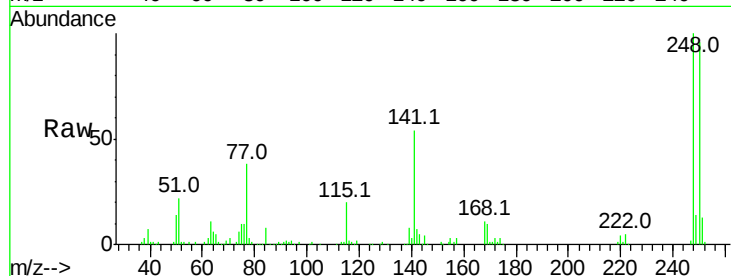
#66
4-Bromophenyl-phenylether
Concen: 52.649 ng
RT: 11.02 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.9	115.3
141	53.9	74.4	111.6

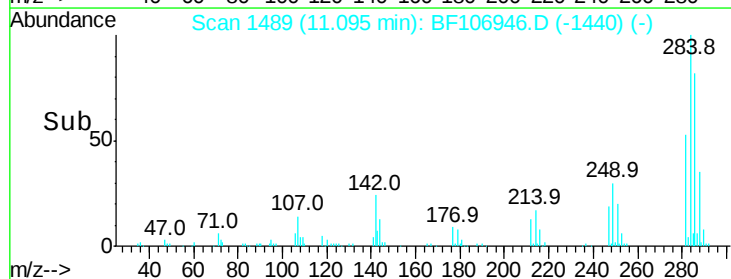
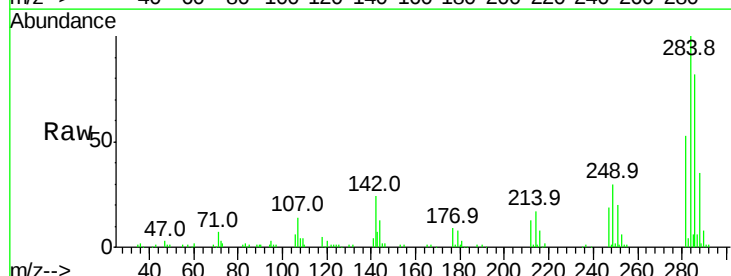
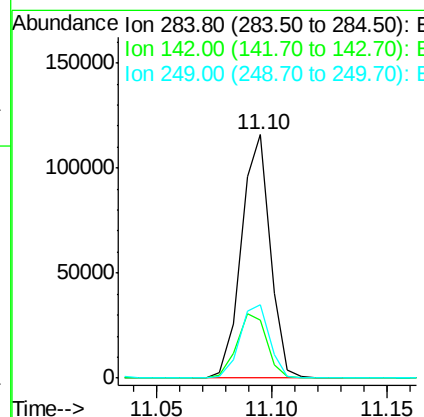
Manual Integrations
APPROVED

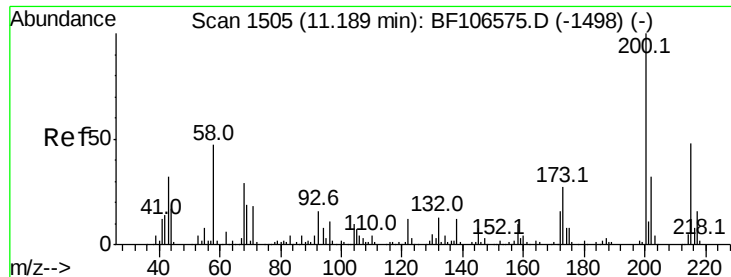
Sohil
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#67
Hexachlorobenzene
Concen: 51.550 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.6	34.6	52.0
249	30.0	24.8	37.2





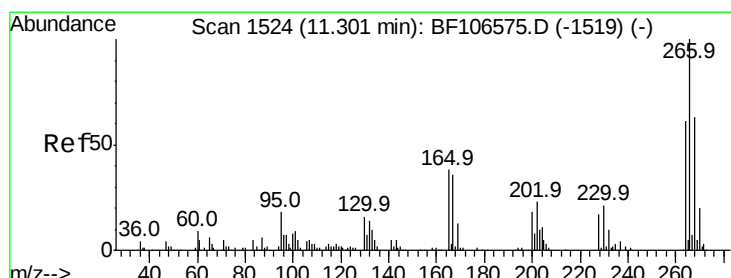
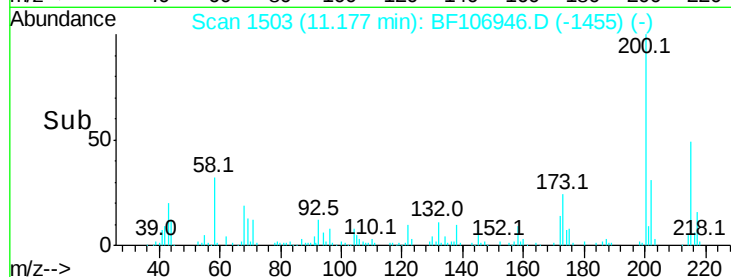
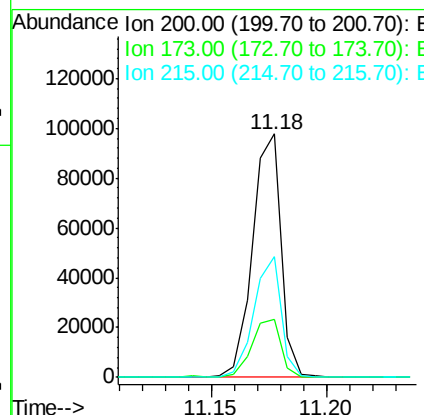
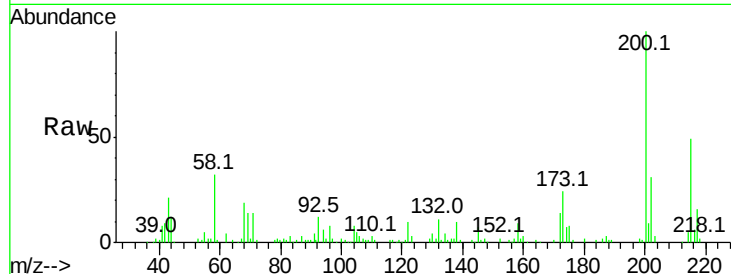
#68
Atrazine
Concen: 50.684 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	8.6	48.6
215	49.4	25.1	65.1

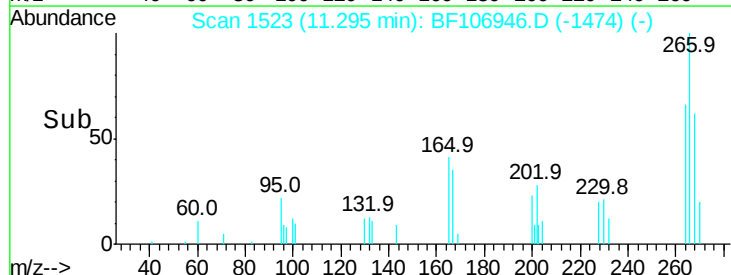
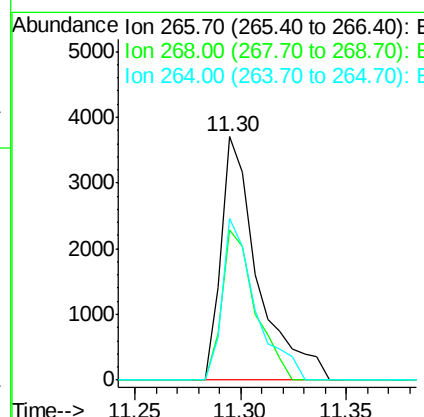
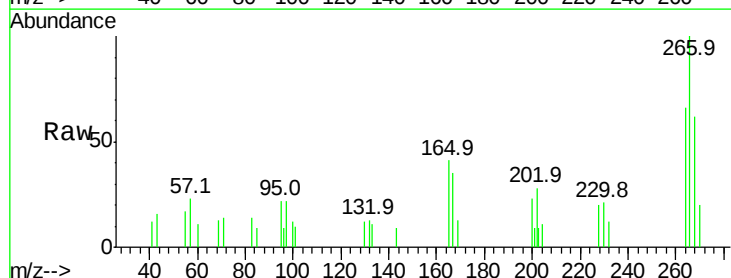
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APPROVED

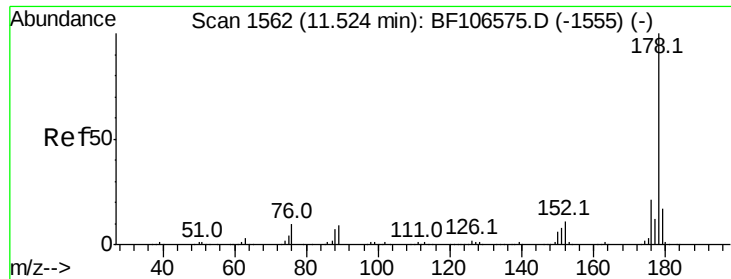
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#69
Pentachlorophenol
Concen: 4.627 ng
RT: 11.30 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	66.3	49.5	74.3





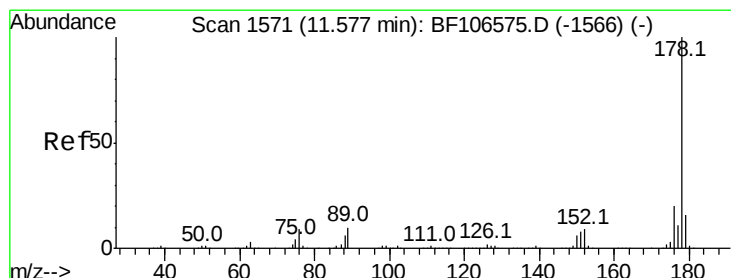
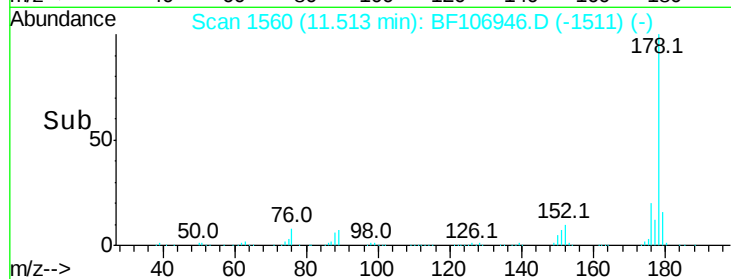
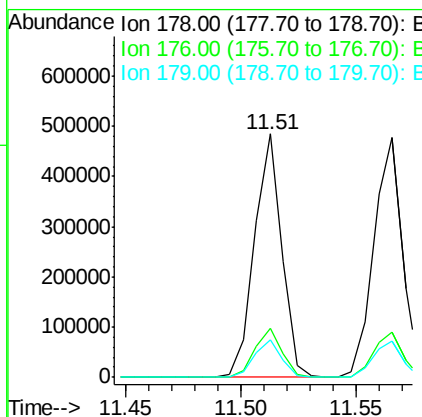
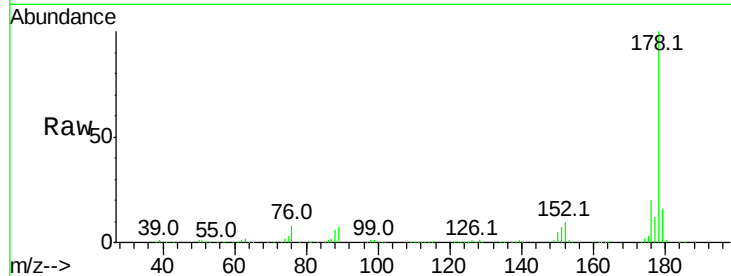
#70
Phenanthrene
Concen: 53.426 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.6	13.0	19.6

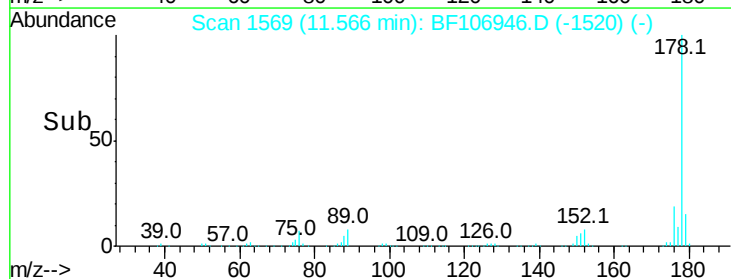
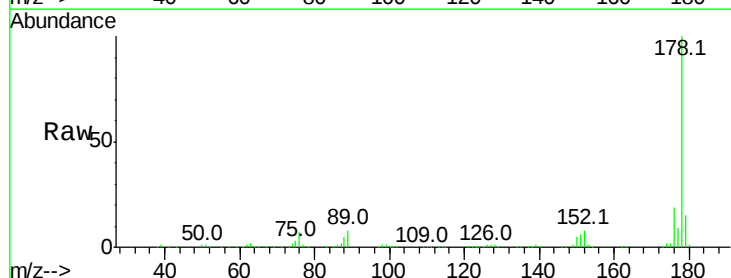
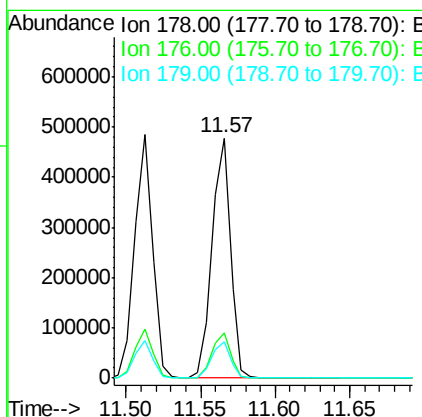
Manual Integrations
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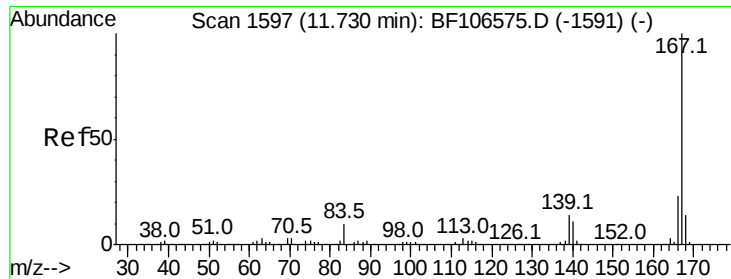
Sohil
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#71
Anthracene
Concen: 53.603 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.6	19.0





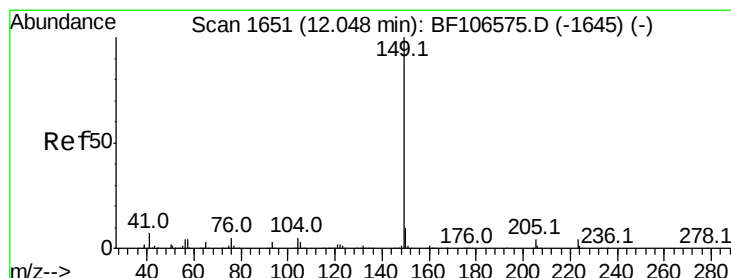
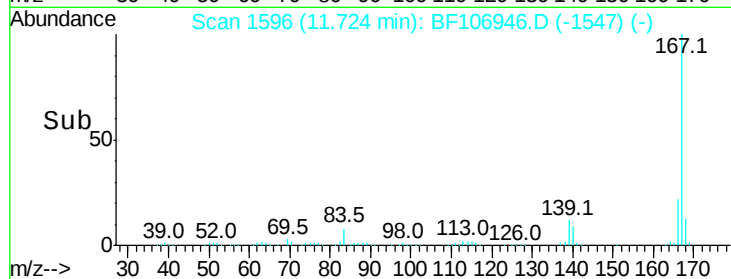
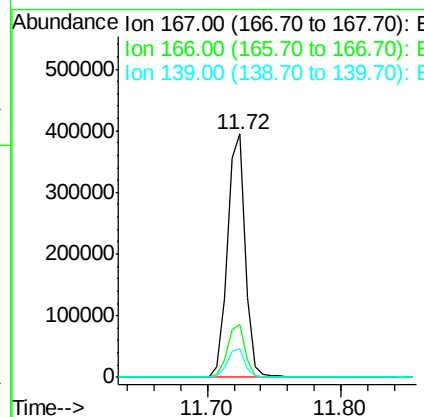
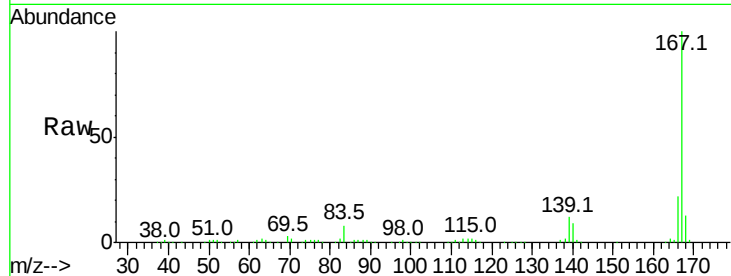
#72
 Carbazole
 Concen: 51.791 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Instrument :
 BNA_F
 ClientSampled :
 S39-9005MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.7	17.6	26.4	
139	11.9	10.9	16.3	

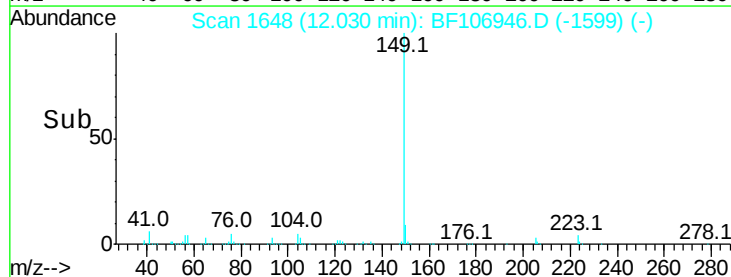
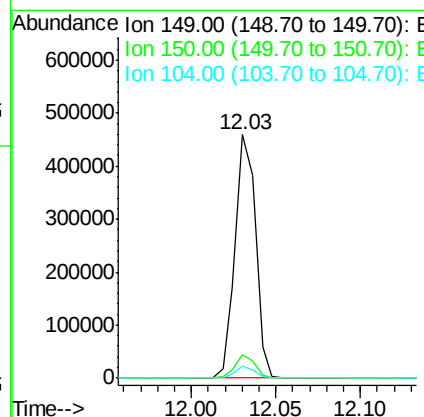
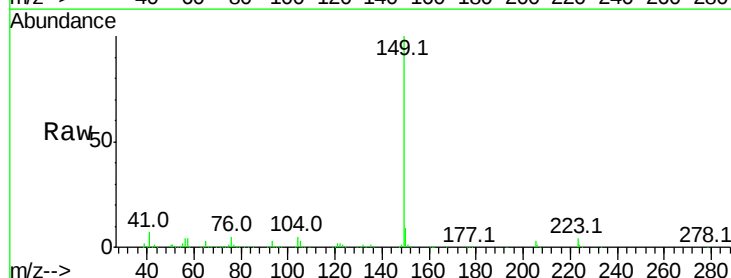
Manual Integrations
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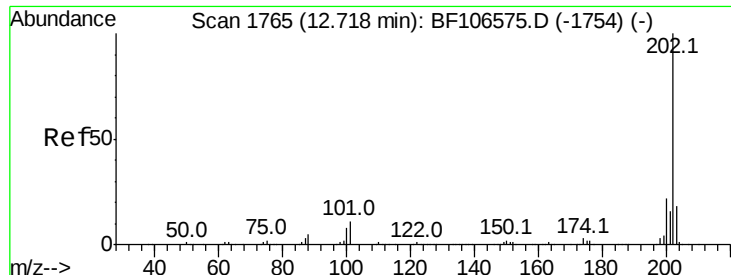
Sohil
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#73
 Di-n-butylphthalate
 Concen: 45.617 ng
 RT: 12.03 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.8	11.6	
104	4.8	3.8	5.8	





#74

Fluoranthene

Concen: 58.445 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

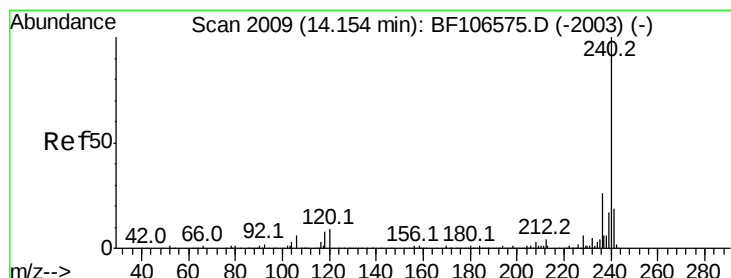
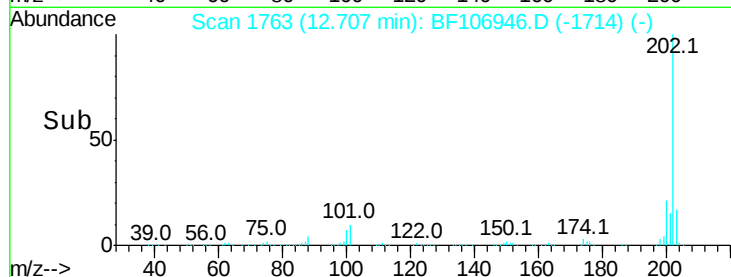
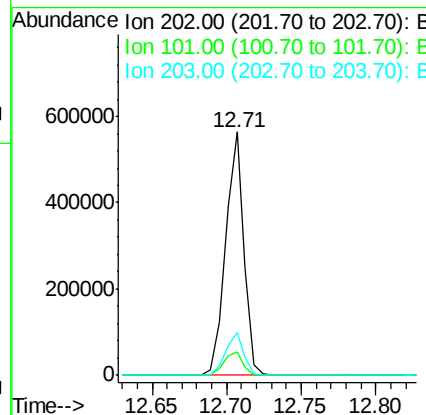
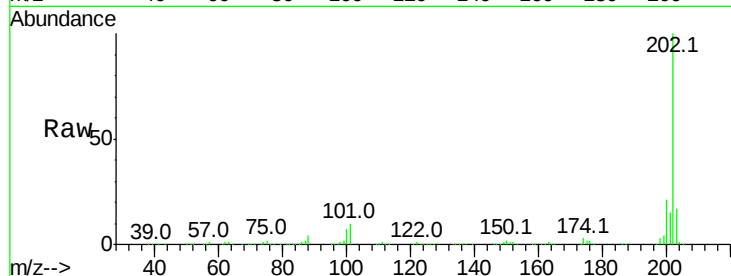
ClientSampleId :

S39-9005MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	485348		
101	9.5	0.0	34.1	
203	17.3	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

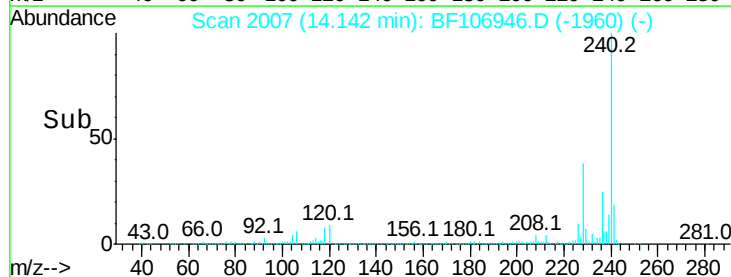
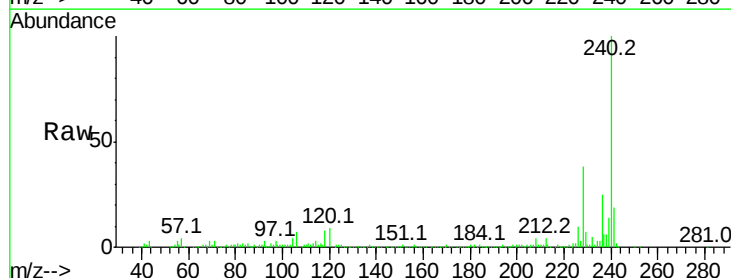
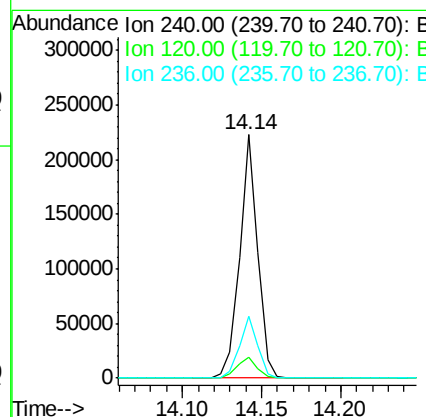
RT: 14.14 min Scan# 2007

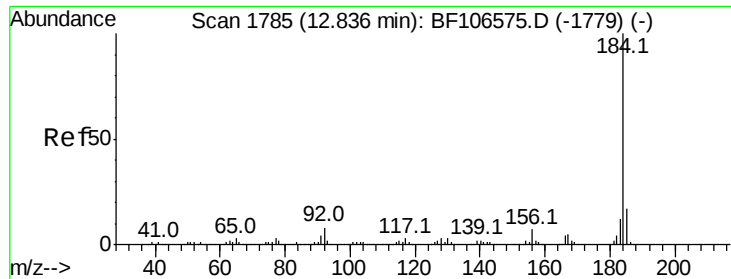
Delta R.T. -0.02 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	175482		
120	8.7	9.5	14.3#	
236	25.2	20.7	31.1	





#76

Benzidine

Concen: 47.193 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

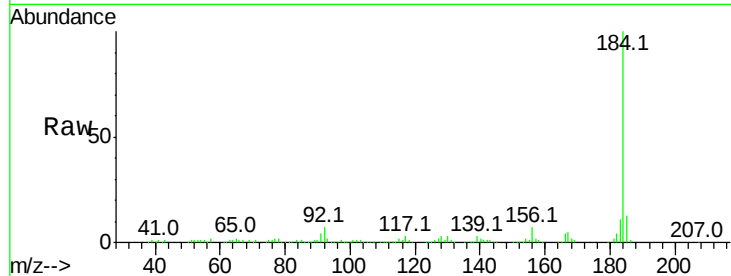
ClientSampleId :

S39-9005MS

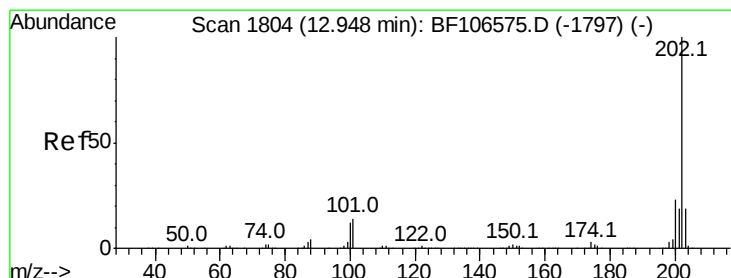
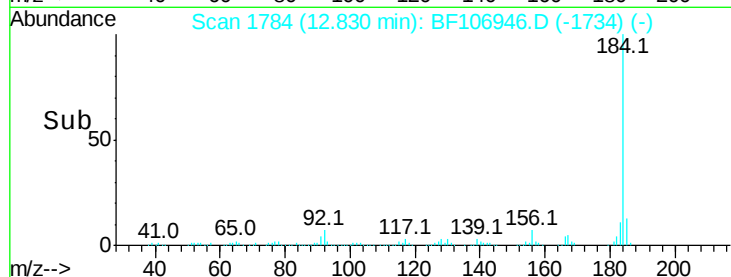
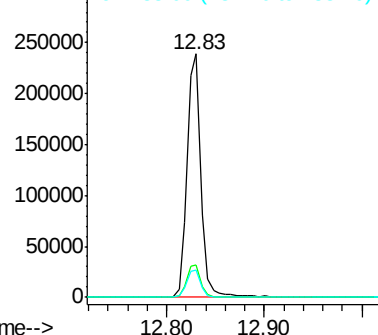
Tot Ion:	184	Resp:	235854
Ion Ratio	Lower	Upper	
184	100		
185	13.2	12.6	18.8
183	11.5	9.3	13.9

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



#77

Pyrene

Concen: 43.274 ng

RT: 12.94 min Scan# 1802

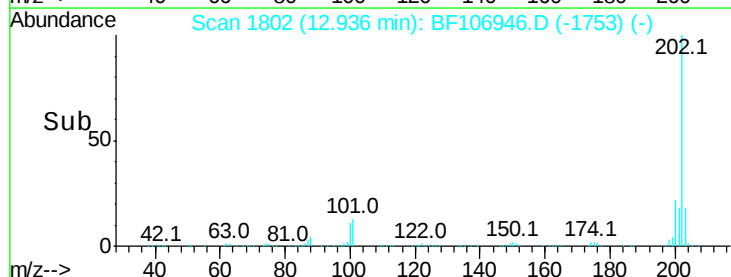
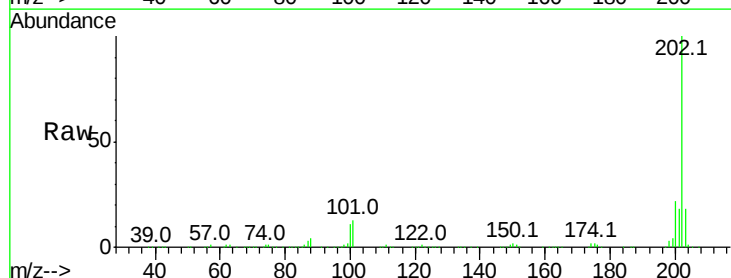
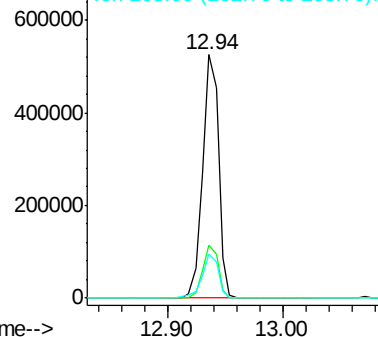
Delta R.T. -0.01 min

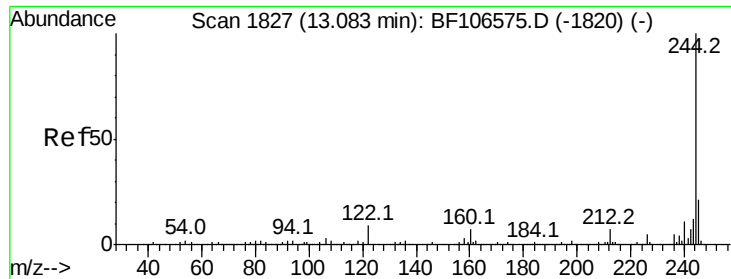
Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Tgt Ion:	202	Resp:	500758
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.9	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





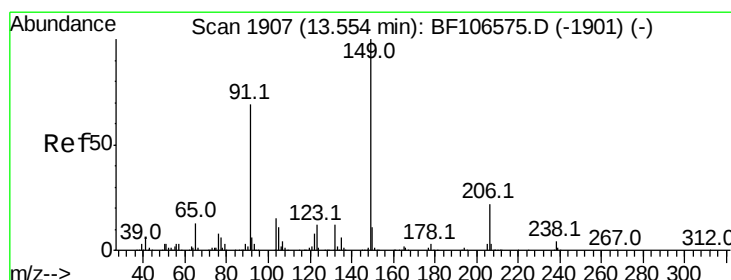
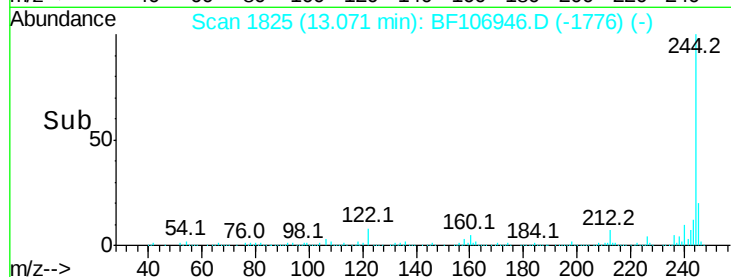
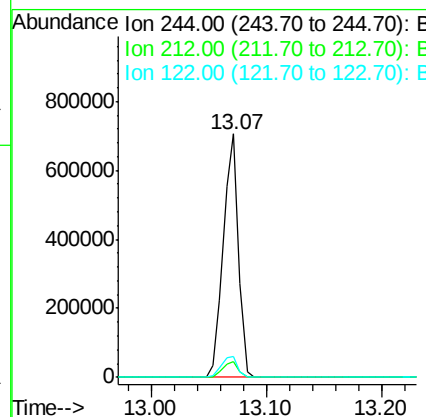
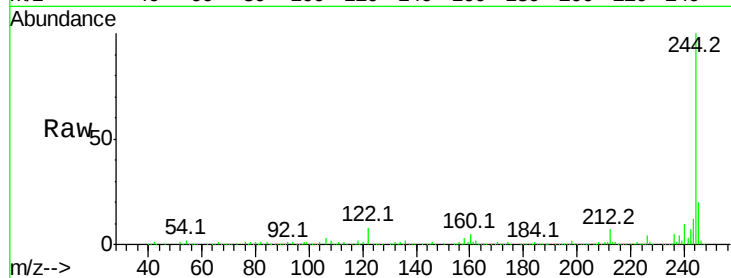
#78
 Terphenyl-d14
 Concen: 88.417 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Instrument :
 BNA_F
 ClientSampleId :
 S39-9005MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.4	11.0	16.4

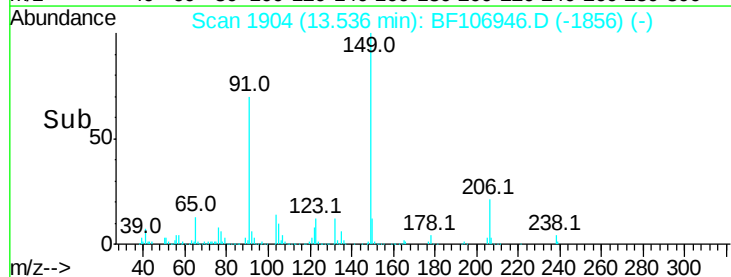
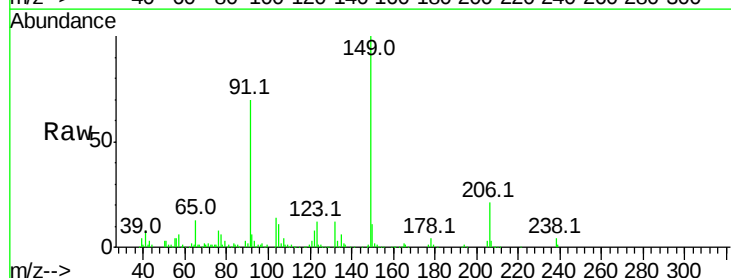
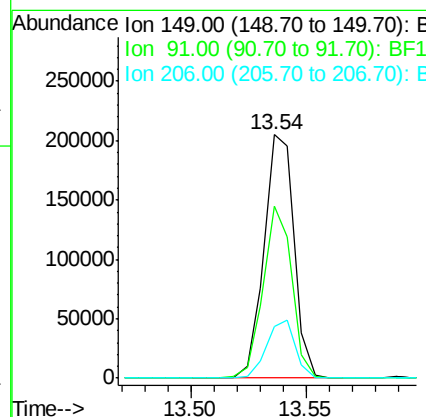
Manual Integrations
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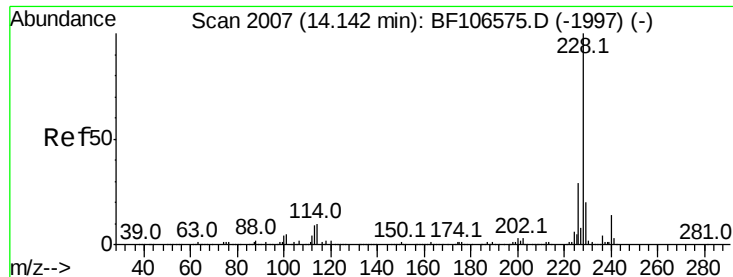
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#79
 Butylbenzylphthalate
 Concen: 39.031 ng
 RT: 13.54 min Scan# 1904
 Delta R.T. -0.02 min
 Lab File: BF106946.D
 Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.8	85.2
206	21.1	14.1	21.1





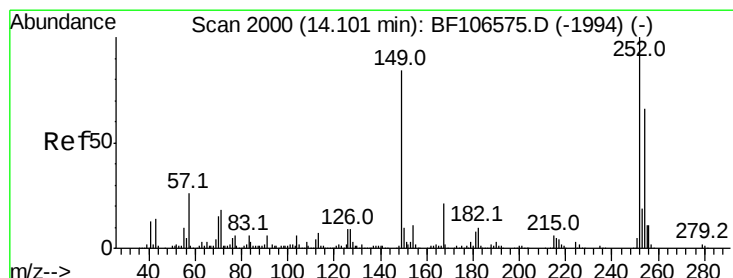
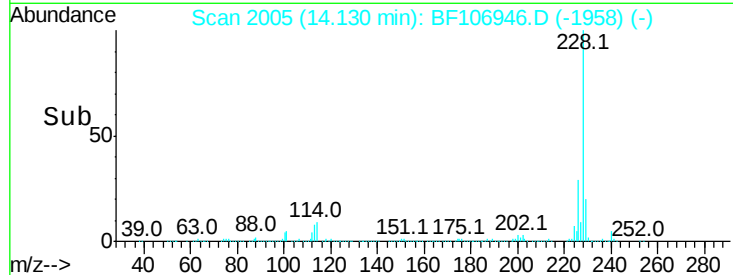
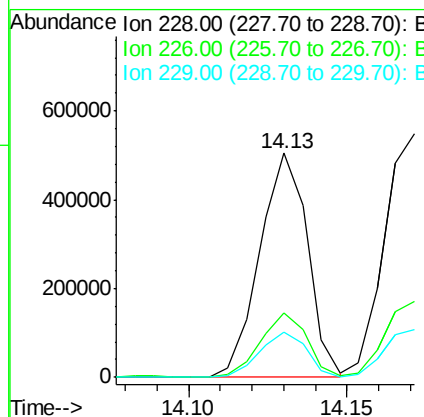
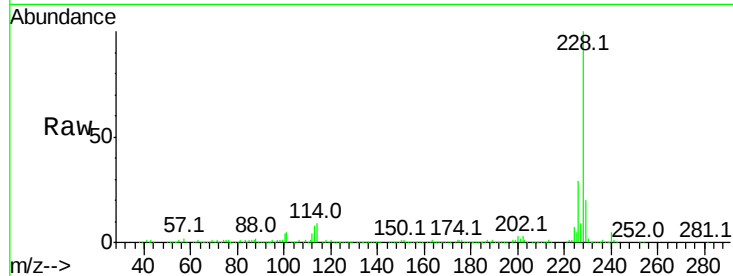
#80
Benzo(a)anthracene
Concen: 49.632 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.4	15.8	23.6

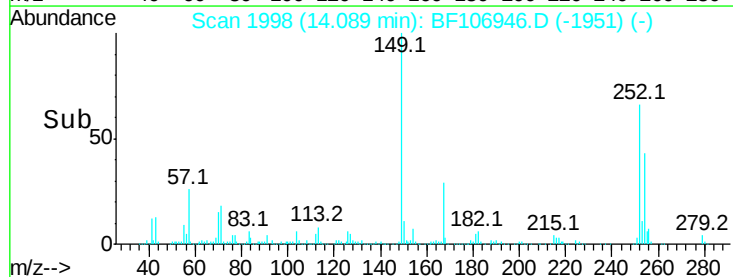
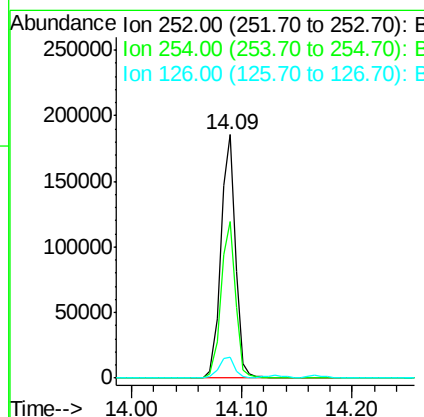
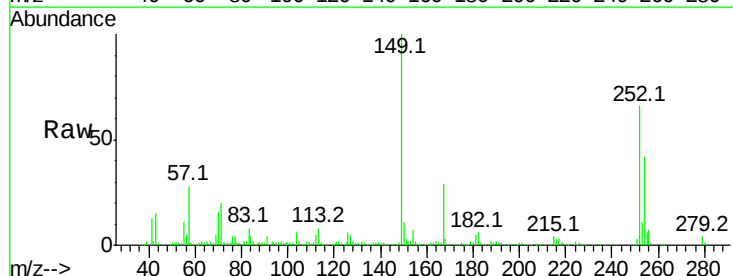
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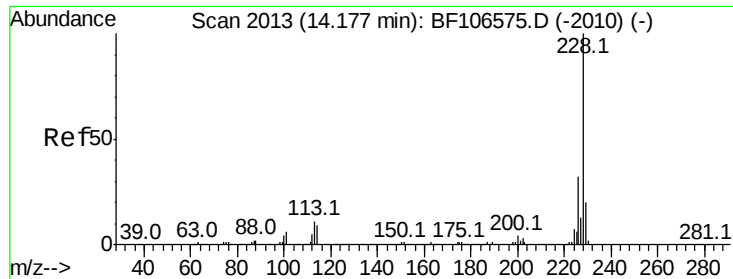
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#81
3,3'-Dichlorobenzidine
Concen: 45.529 ng
RT: 14.09 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	8.7	11.3	16.9#





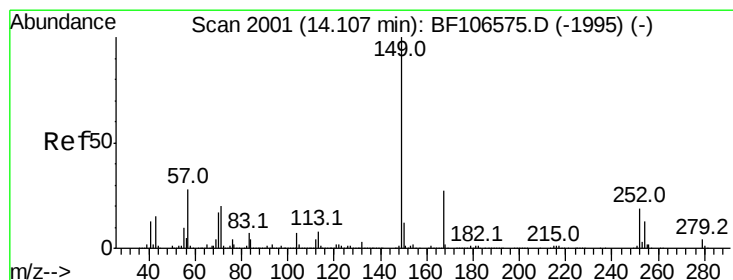
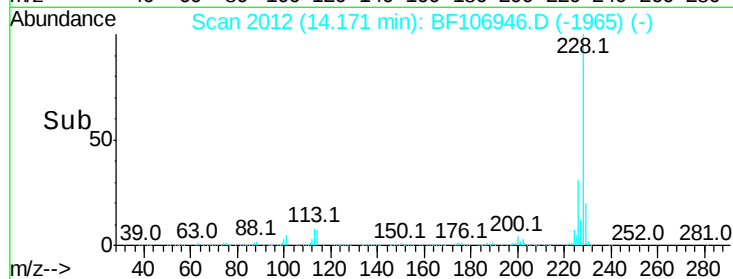
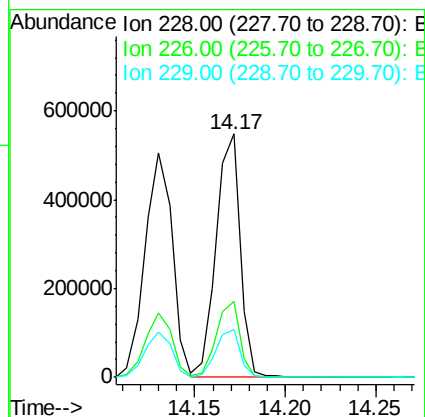
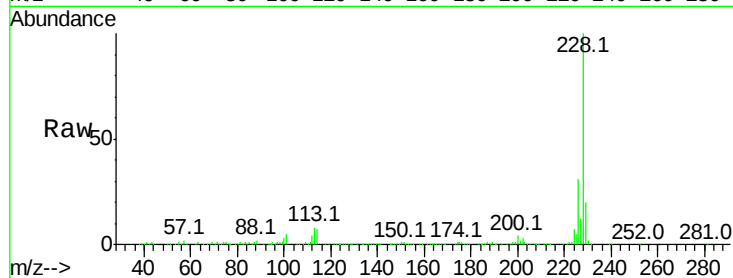
#82
Chrysene
Concen: 51.254 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.1	25.0	37.6	
229	19.8	16.2	24.4	

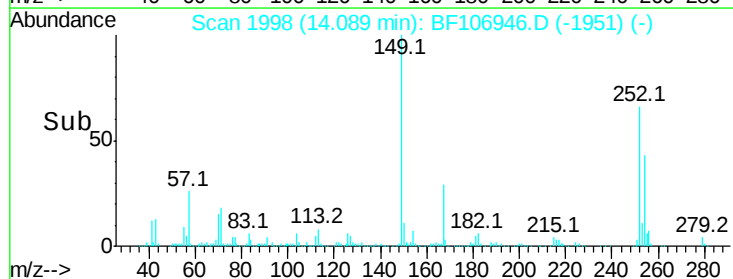
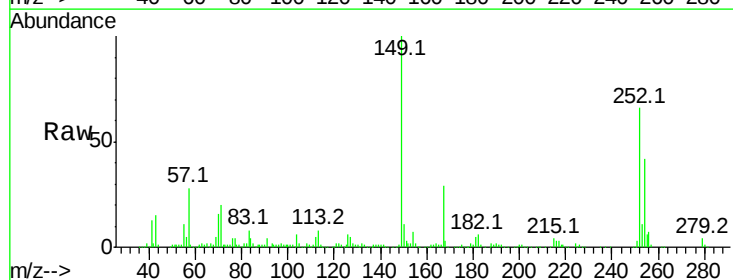
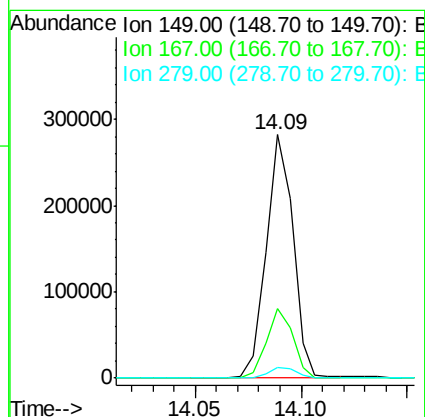
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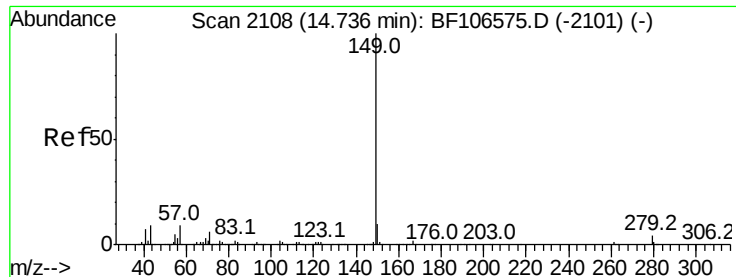
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#83
Bis(2-ethylhexyl)phthalate
Concen: 40.940 ng
RT: 14.09 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	28.7	21.3	31.9	
279	4.3	3.0	4.4	





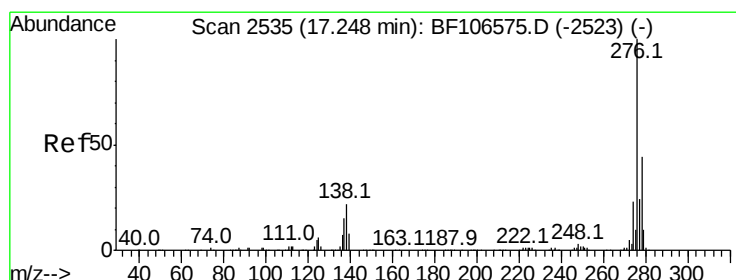
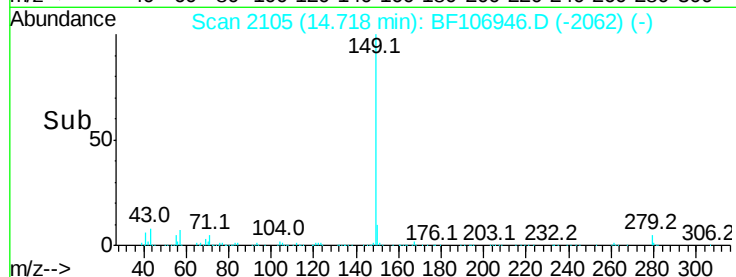
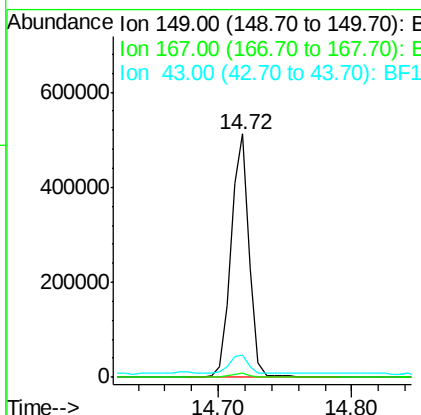
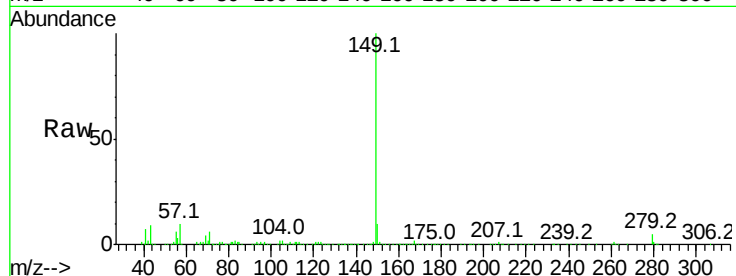
#84
Di-n-octyl phthalate
Concen: 48.374 ng
RT: 14.72 min Scan# 2105
Delta R.T. -0.05 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.3	8.4	12.6#

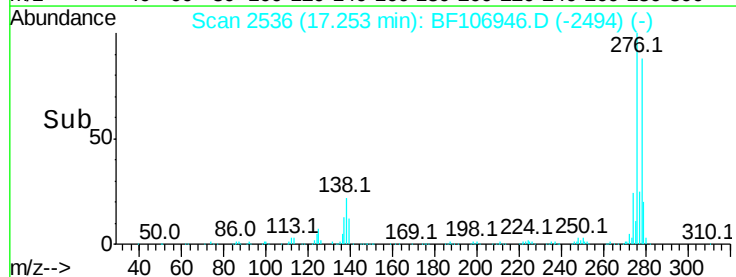
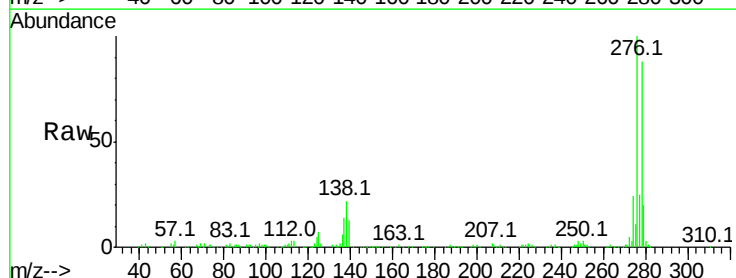
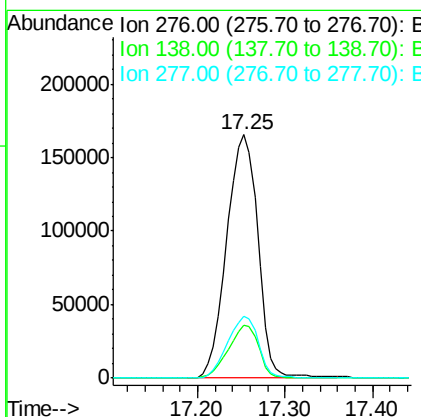
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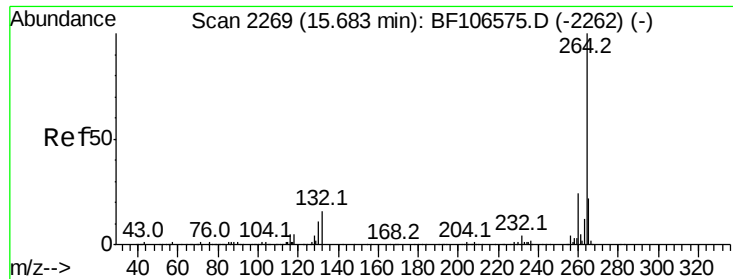
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#85
Indeno(1,2,3-cd)pyrene
Concen: 48.168 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	21.2	25.0	37.6#
277	25.3	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Instrument :

BNA_F

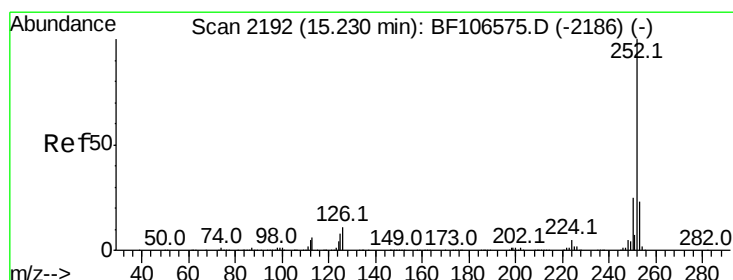
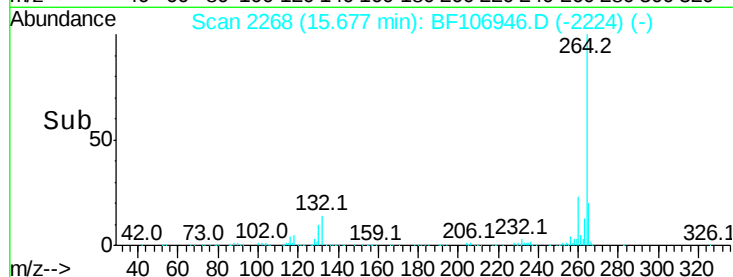
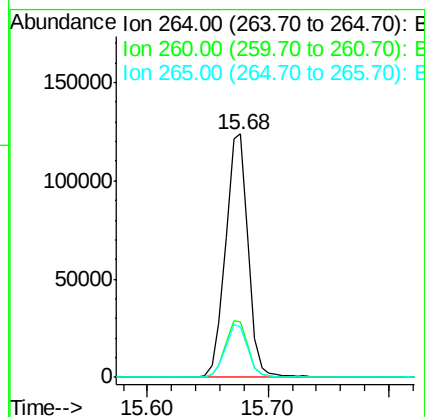
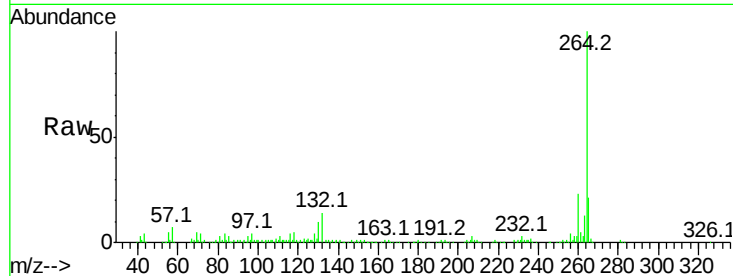
ClientSampleId :

S39-9005MS

Tot Ion:	264	Resp:	159899
Ion Ratio		Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.8	17.5	26.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 52.725 ng

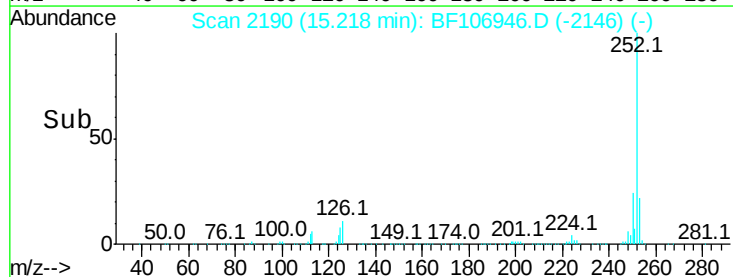
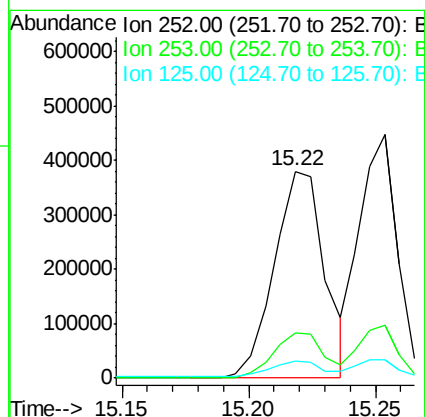
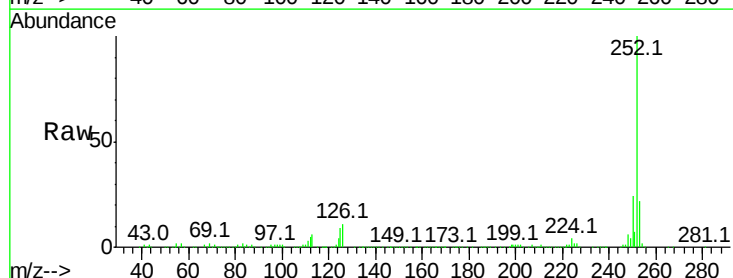
RT: 15.22 min Scan# 2190

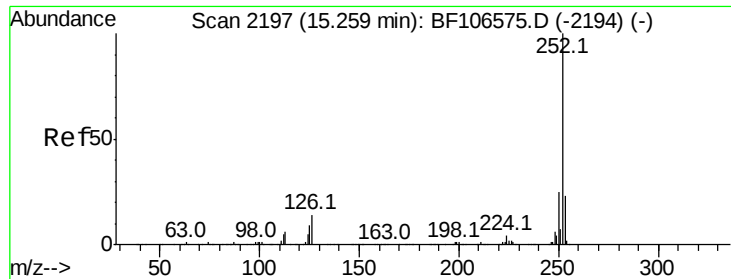
Delta R.T. -0.04 min

Lab File: BF106946.D

Acq: 29 Jun 2018 2:43

Tgt Ion:	252	Resp:	523705
Ion Ratio		Lower	Upper
252	100		
253	21.7	17.0	25.6
125	8.5	9.0	13.6#





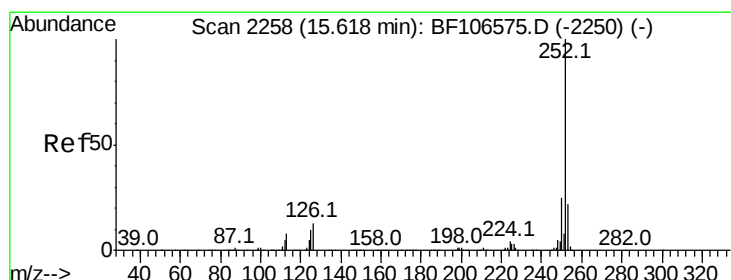
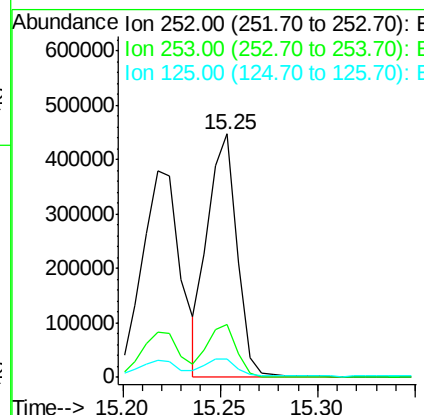
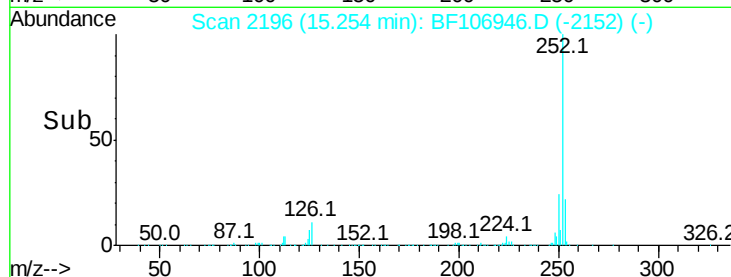
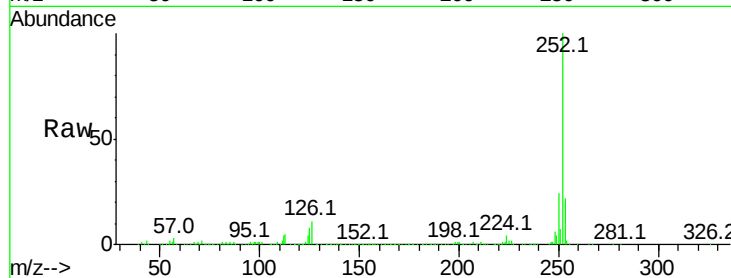
#88
Benzo(k)fluoranthene
Concen: 49.333 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	7.7	10.2	15.2#

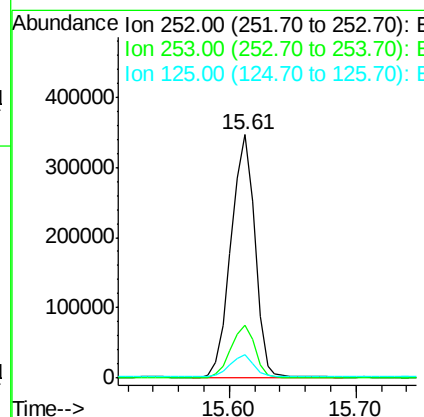
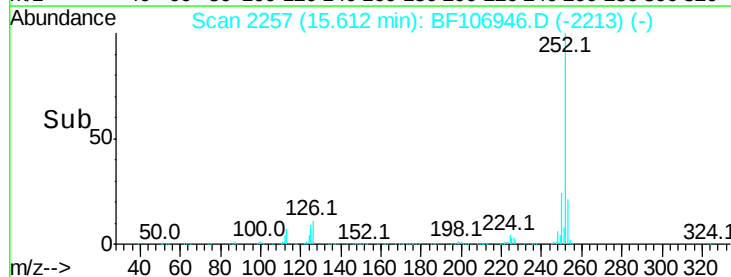
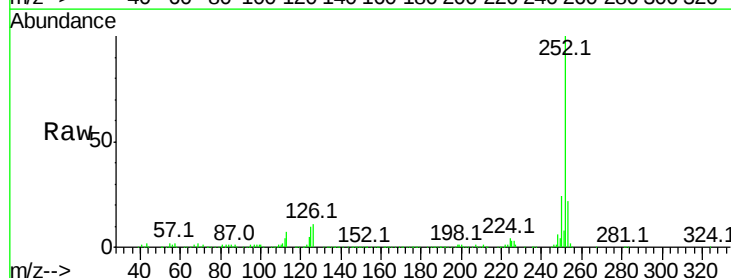
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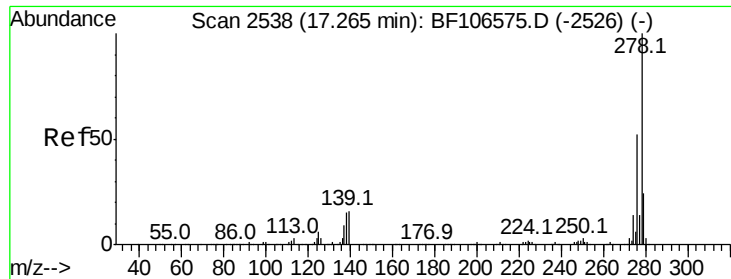
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#89
Benzo(a)pyrene
Concen: 51.434 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	9.6	9.8	14.6#





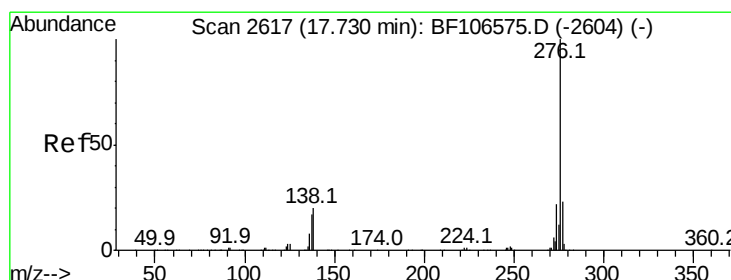
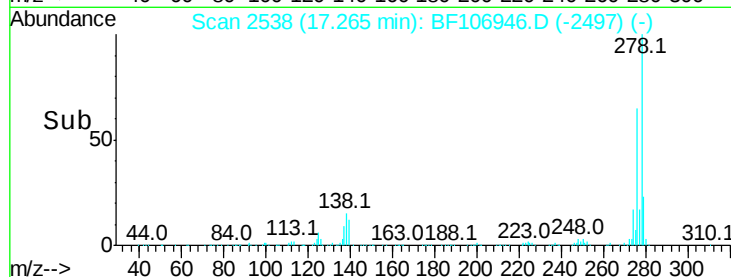
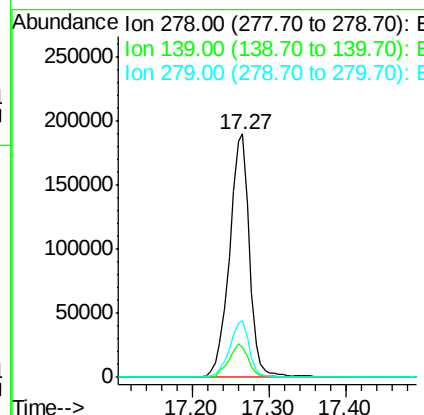
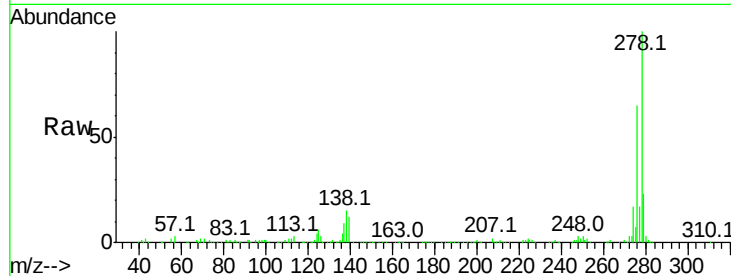
#90
Dibenzo(a,h)anthracene
Concen: 45.968 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.06 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Instrument :
BNA_F
ClientSampleId :
S39-9005MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.4	15.9	23.9#
279	23.1	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 44.634 ng
RT: 17.73 min Scan# 2617
Delta R.T. -0.06 min
Lab File: BF106946.D
Acq: 29 Jun 2018 2:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	19.0	21.8	32.8#

