

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108461.D
 Acq On : 24 Aug 2018 14:10
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 8/27/2018 12:56:28 PM

Quant Time: Aug 24 14:52:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	128356	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	505356	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	258838	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	515034	20.00	ng	0.00
75) Chrysene-d12	14.20	240	378984	20.00	ng	0.00
86) Perylene-d12	15.75	264	286516	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	587685	82.89	ng	0.00
7) Phenol-d6	6.62	99	770463	81.78	ng	0.00
23) Nitrobenzene-d5	7.57	82	749524	82.76	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	238898	92.53	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1422616	88.24	ng	0.00
78) Terphenyl-d14	13.13	244	1420337	95.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	137557	37.760	ng	90
3) Pyridine	3.67	79	356336	37.972	ng	87
4) n-Nitrosodimethylamine	3.64	42	188640	35.724	ng	82
6) Aniline	6.67	93	520444	40.612	ng	96
8) 2-Chlorophenol	6.79	128	332379	41.626	ng	98
9) Benzaldehyde	6.56	77	276165	37.808	ng	98
10) Phenol	6.64	94	401942	41.245	ng	87
11) bis(2-Chloroethyl)ether	6.74	93	316940	40.228	ng	96
12) 1,3-Dichlorobenzene	6.94	146	381533	41.324	ng	98
13) 1,4-Dichlorobenzene	7.02	146	381099	41.083	ng	98
14) 1,2-Dichlorobenzene	7.17	146	355190	41.165	ng	99
15) Benzyl Alcohol	7.14	79	304279	38.365	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	607144	37.408	ng	99
17) 2-Methylphenol	7.25	107	287636	42.006	ng	95
18) Hexachloroethane	7.51	117	139118	42.125	ng	96
19) n-Nitroso-di-n-propylamine	7.41	70	249242	39.121	ng	89
20) 3+4-Methylphenols	7.40	107	354961	40.452	ng	# 83
22) Acetophenone	7.41	105	474045	40.117	ng	# 95
24) Nitrobenzene	7.59	77	370443	40.451	ng	99
25) Isophorone	7.82	82	679872	39.386	ng	96
26) 2-Nitrophenol	7.90	139	165627	47.891	ng	91
27) 2,4-Dimethylphenol	7.93	122	309807	40.438	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	406303	40.320	ng	99
29) 2,4-Dichlorophenol	8.14	162	293688	41.656	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	322321	41.465	ng	97
31) Naphthalene	8.31	128	960847	41.808	ng	99
32) Benzoic acid	8.05	122	171596m	39.768	ng	
33) 4-Chloroaniline	8.35	127	408140	40.750	ng	96
34) Hexachlorobutadiene	8.42	225	205887	41.839	ng	99
35) Caprolactam	8.74	113	88846	40.212	ng	# 84
36) 4-Chloro-3-methylphenol	8.83	107	312467	41.082	ng	97
37) 2-Methylnaphthalene	9.00	142	670636	41.244	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	340141	42.792	ng	98
40) Hexachlorocyclopentadiene	9.15	237	219712	42.795	ng	97

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Instrument :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	215622	43.714	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	238573	43.937	nq	# 94
45) 1,1'-Biphenyl	9.47	154	805316	42.198	nq	98
46) 2-Chloronaphthalene	9.50	162	630578	41.806	nq	98
47) 2-Nitroaniline	9.59	65	210197	43.070	nq	87
48) Acenaphthylene	9.91	152	1001110	41.983	nq	98
49) Dimethylphthalate	9.76	163	743032	41.210	nq	# 99
50) 2,6-Dinitrotoluene	9.83	165	163179	43.257	nq	100
51) Acenaphthene	10.08	154	576827	39.494	nq	99
52) 3-Nitroaniline	10.00	138	173824	42.115	nq	93
53) 2,4-Dinitrophenol	10.11	184	56421	43.479	nq	# 22
54) Dibenzofuran	10.25	168	889230	42.024	nq	96
55) 4-Nitrophenol	10.15	139	122031	39.044	nq	# 82
56) 2,4-Dinitrotoluene	10.24	165	214832	44.244	nq	# 99
57) Fluorene	10.60	166	707609	42.244	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	195655	43.111	nq	# 86
59) Diethylphthalate	10.46	149	727003	41.640	nq	95
60) 4-Chlorophenyl-phenylether	10.58	204	362497	41.531	nq	96
61) 4-Nitroaniline	10.62	138	179082	43.886	nq	91
62) Azobenzene	10.75	77	733713	40.692	nq	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	81755	42.919	nq	84
65) n-Nitrosodiphenylamine	10.71	169	627239	41.212	nq	97
66) 4-Bromophenyl-phenylether	11.08	248	237394	42.414	nq	# 89
67) Hexachlorobenzene	11.15	284	246615	41.877	nq	90
68) Atrazine	11.23	200	218550	42.813	nq	97
69) Pentachlorophenol	11.34	266	107469	38.127	nq	98
70) Phenanthrene	11.57	178	1025278	42.206	nq	99
71) Anthracene	11.62	178	1058027	42.495	nq	99
72) Carbazole	11.78	167	925204	41.824	nq	99
73) Di-n-butylphthalate	12.09	149	1126547	44.961	nq	100
74) Fluoranthene	12.77	202	1114152	42.024	nq	96
76) Benzidine	12.88	184	655519	46.294	nq	99
77) Pyrene	12.99	202	1110885	46.299	nq	99
79) Butylbenzylphthalate	13.59	149	455799	47.840	nq	96
80) Benzo(a)anthracene	14.19	228	920111	42.304	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	323183	41.463	nq	# 98
82) Chrysene	14.23	228	835891	41.920	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	586593	45.465	nq	# 100
84) Di-n-octyl phthalate	14.77	149	903618	45.923	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	655313	37.929	nq	# 90
87) Benzo(b)fluoranthene	15.28	252	716840	41.870	nq	97
88) Benzo(k)fluoranthene	15.32	252	666432	42.346	nq	# 95
89) Benzo(a)pyrene	15.69	252	635362	41.443	nq	# 96
90) Dibenzo(a,h)anthracene	17.38	278	548054	43.205	nq	# 94
91) Benzo(g,h,i)perylene	17.87	276	549217	43.970	nq	# 89

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

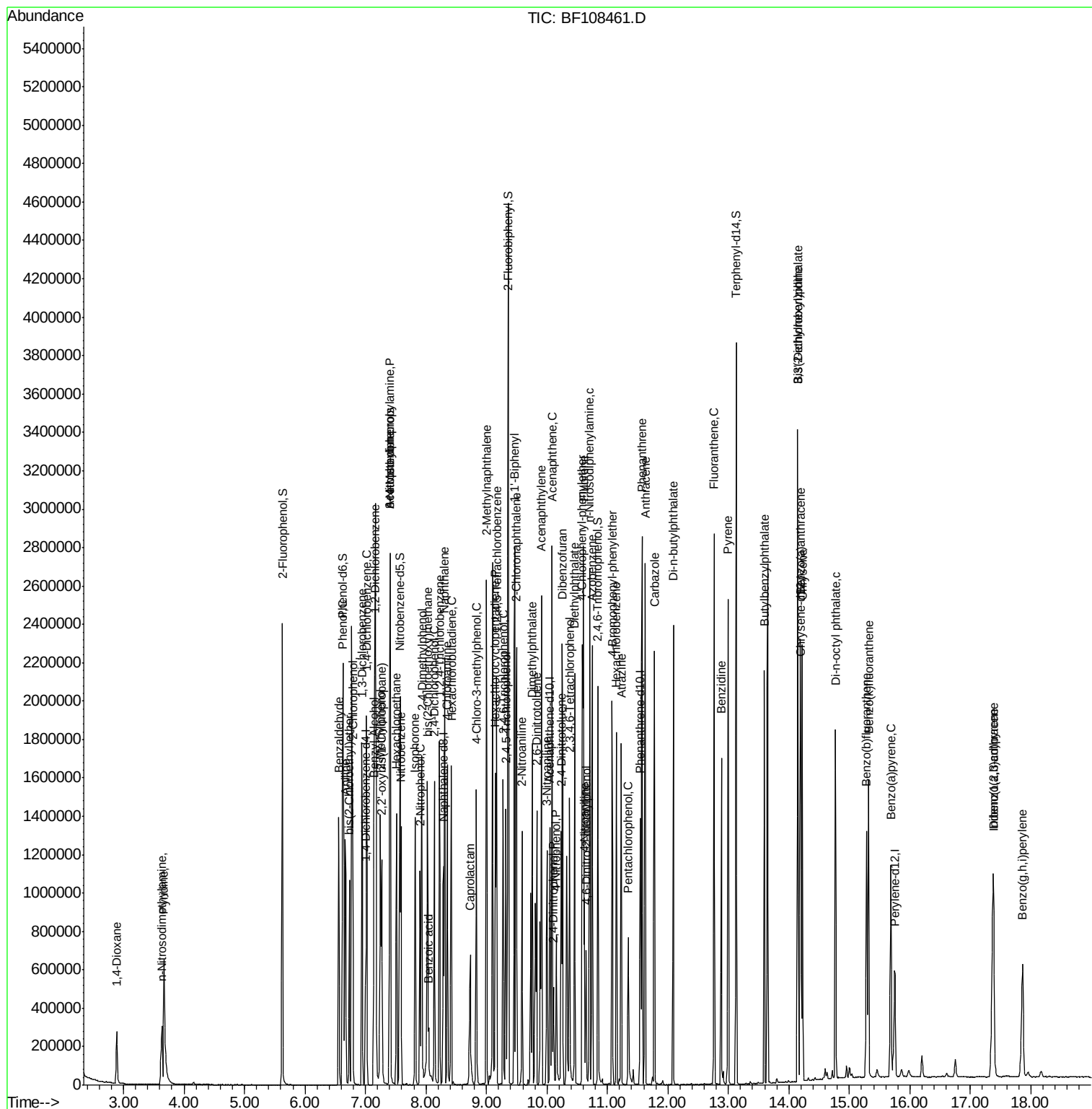
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
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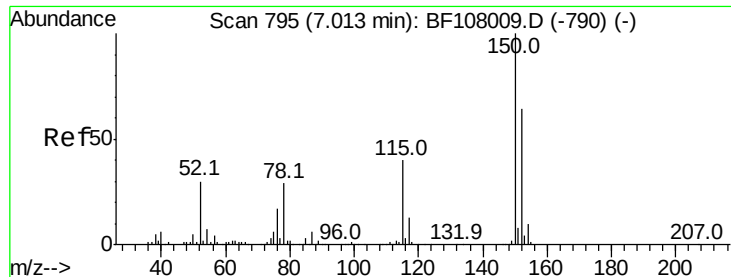
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

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#1

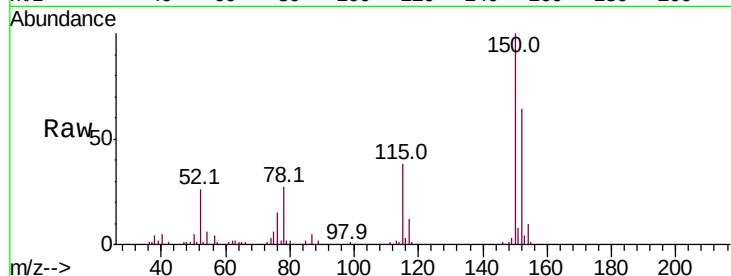
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	59.6	50.1	75.1

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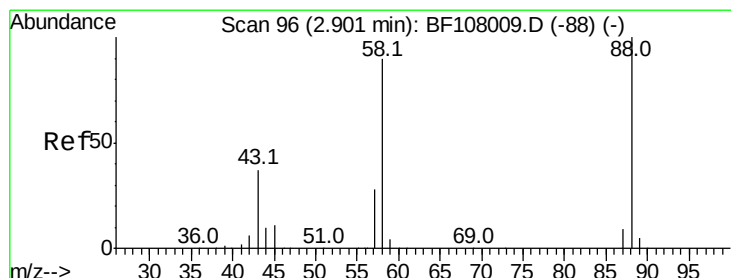
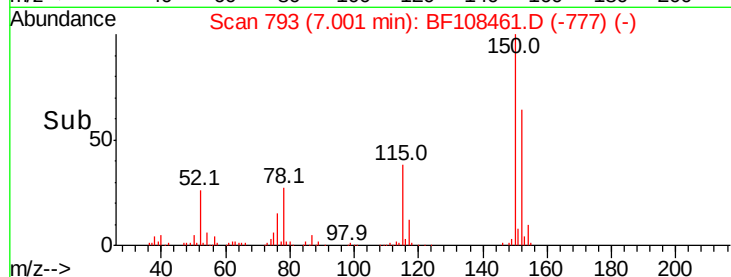
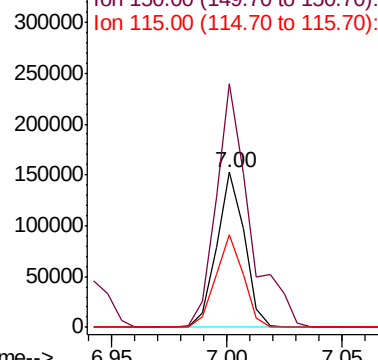


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

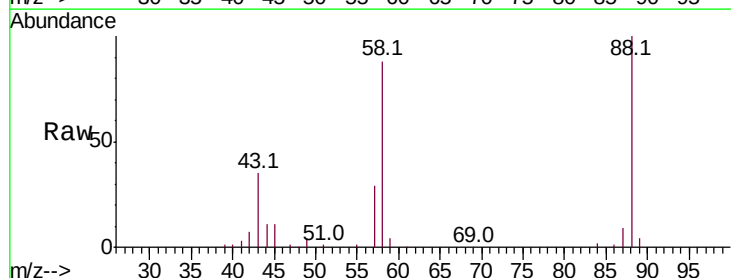
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.760 ng
RT: 2.89 min Scan# 94
Delta R.T. 0.02 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	62.6	93.8
43	35.6	24.6	37.0

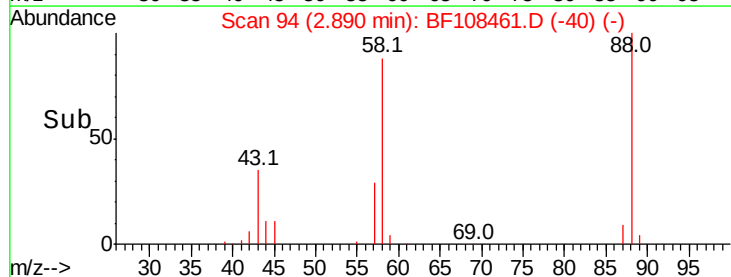
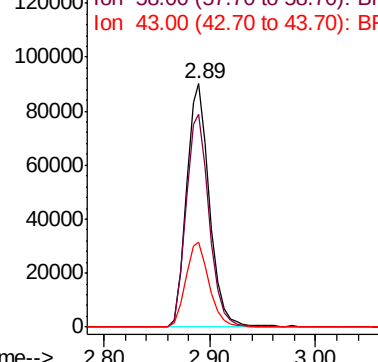


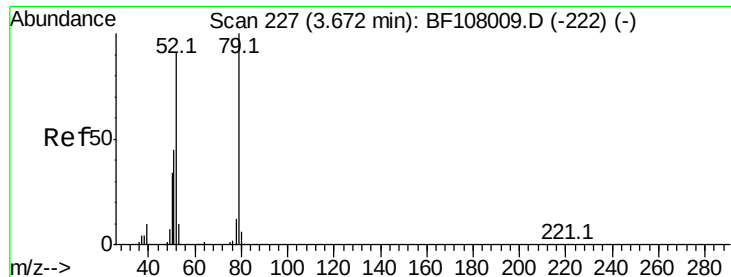
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.972 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

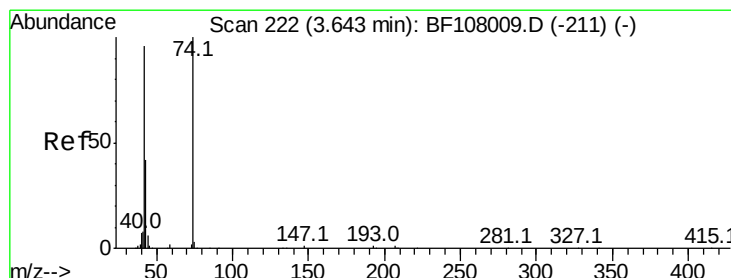
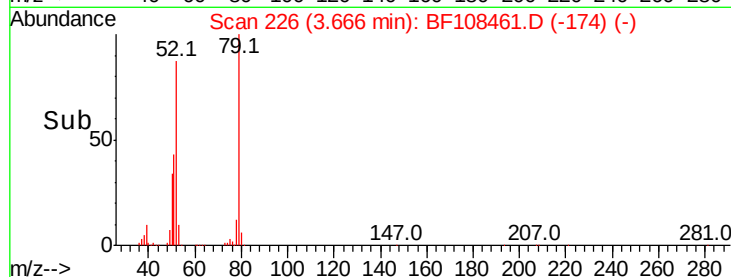
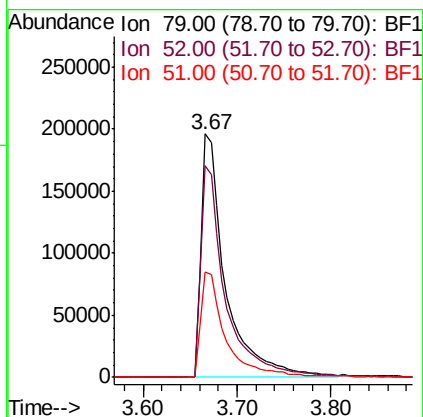
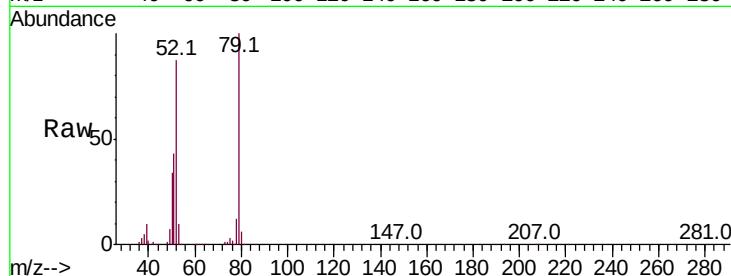
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	356336
Ion Ratio	Lower	Upper	
79	100		
52	87.1	59.8	89.6
51	43.4	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 35.724 ng

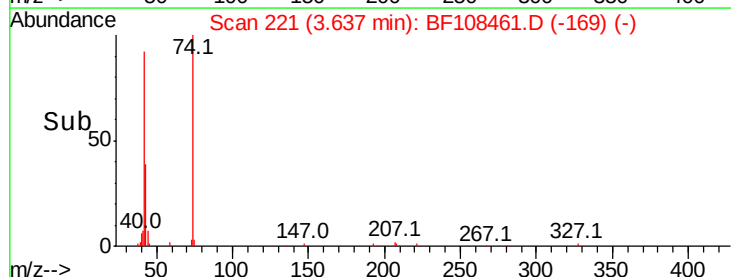
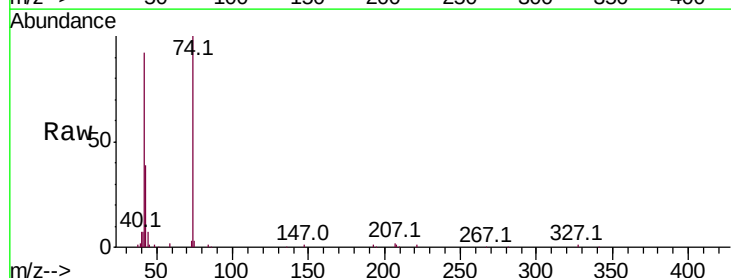
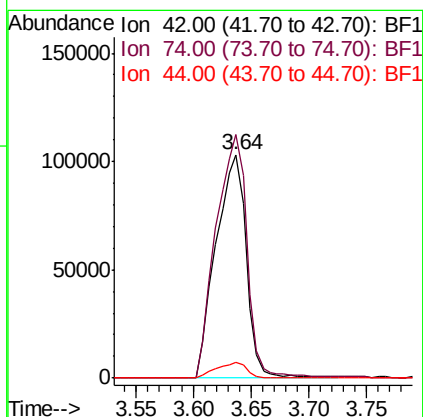
RT: 3.64 min Scan# 221

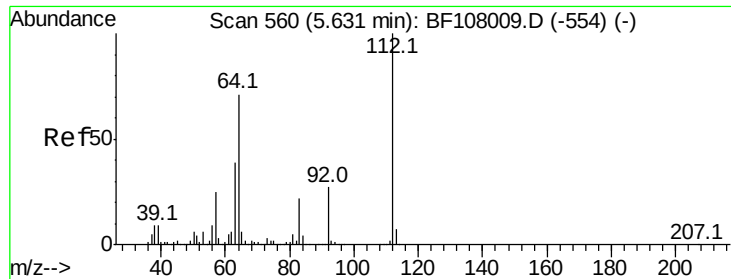
Delta R.T. 0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Tgt Ion:	42	Resp:	188640
Ion Ratio	Lower	Upper	
42	100		
74	108.9	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 82.893 ng

RT: 5.62 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

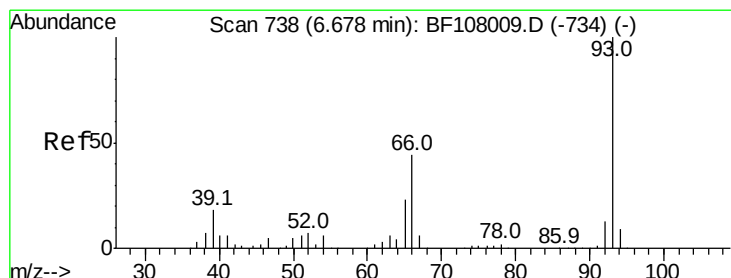
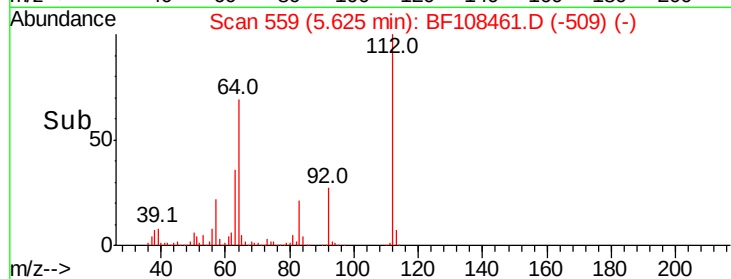
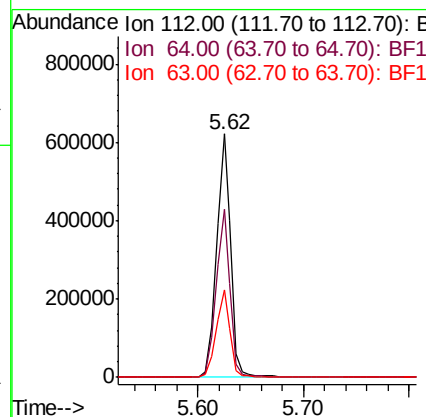
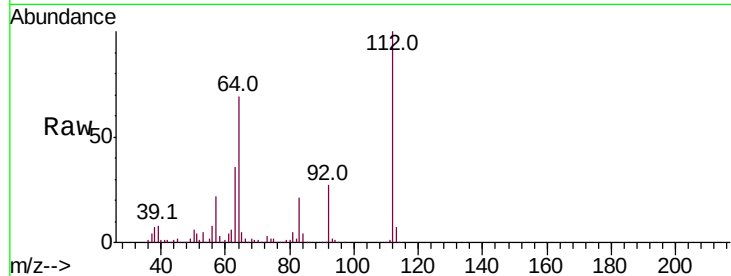
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	587685
Ion Ratio	Lower	Upper	
112	100		
64	69.1	47.9	71.9
63	36.0	23.7	35.5#

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#6

Aniline

Concen: 40.612 ng

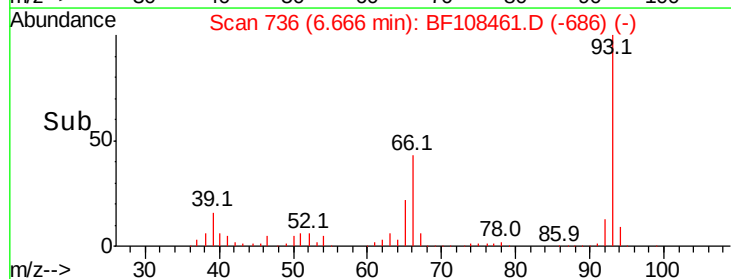
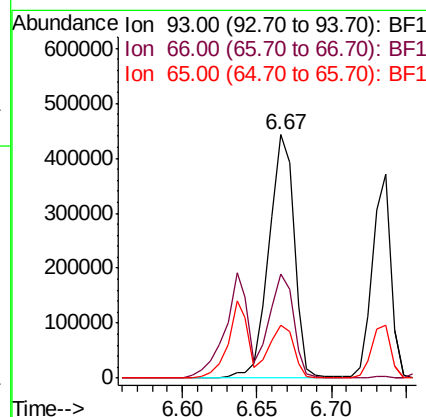
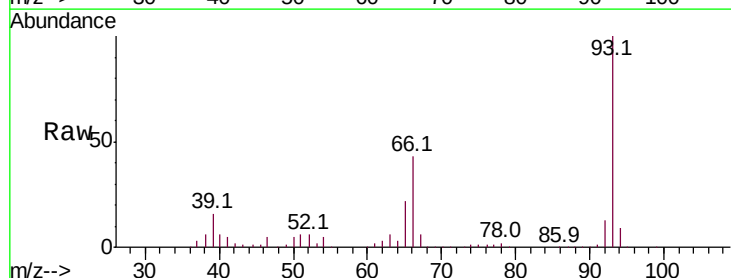
RT: 6.67 min Scan# 736

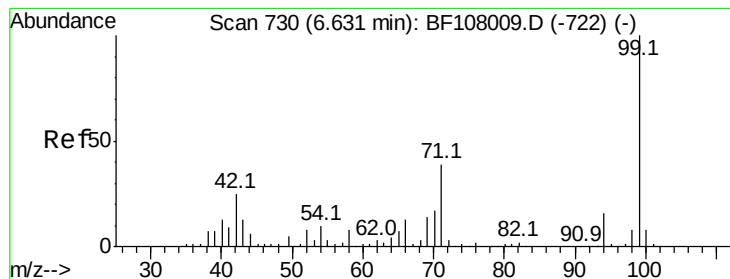
Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Tgt Ion:	93	Resp:	520444
Ion Ratio	Lower	Upper	
93	100		
66	42.5	32.2	48.2
65	21.9	16.4	24.6





#7

Phenol-d6

Concen: 81.779 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

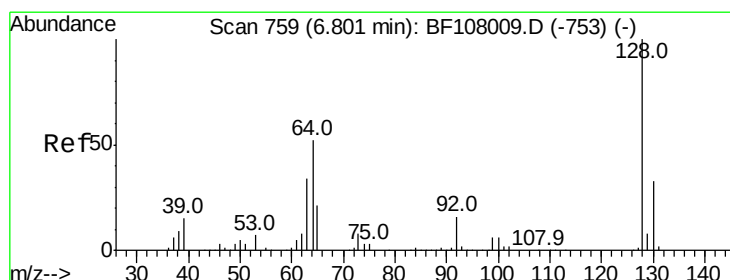
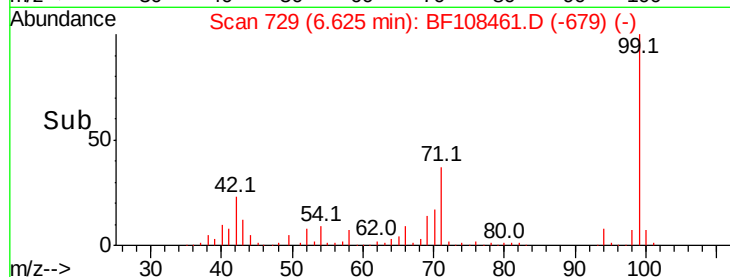
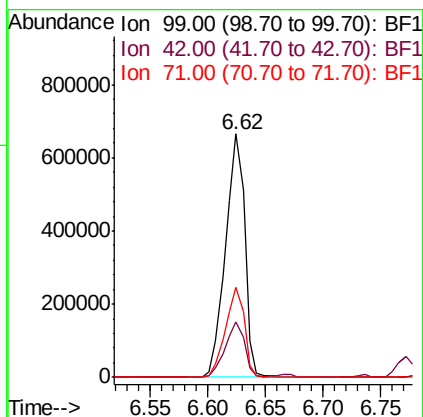
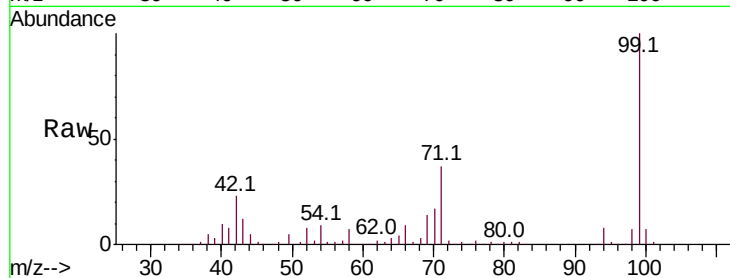
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	770463
Ion Ratio	Lower	Upper	
99	100		
42	22.9	14.5	21.7#
71	36.9	25.4	38.0

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#8

2-Chlorophenol

Concen: 41.626 ng

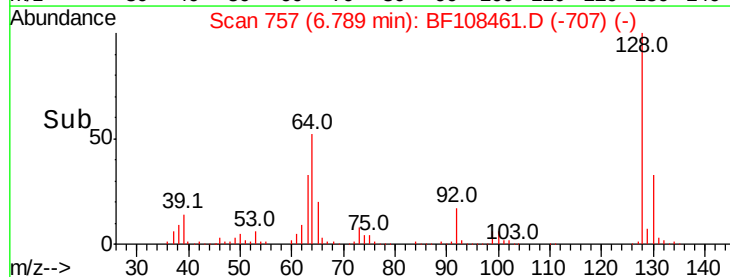
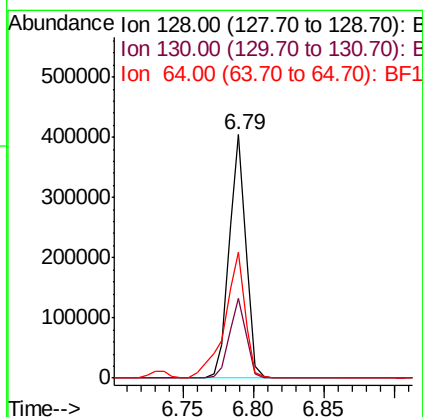
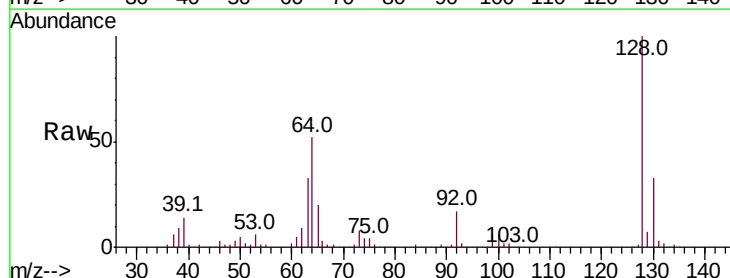
RT: 6.79 min Scan# 757

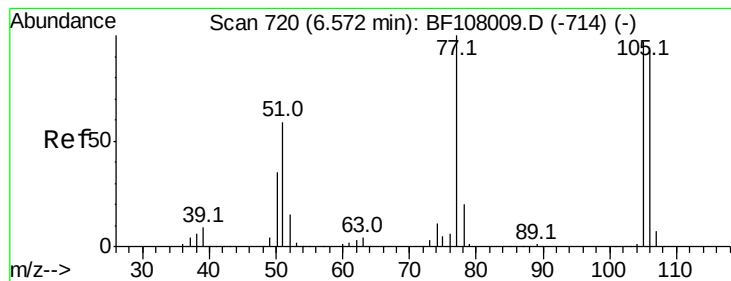
Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Tgt Ion:	128	Resp:	332379
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.0	53.0
64	51.6	29.4	69.4





#9

Benzaldehyde

Concen: 37.808 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

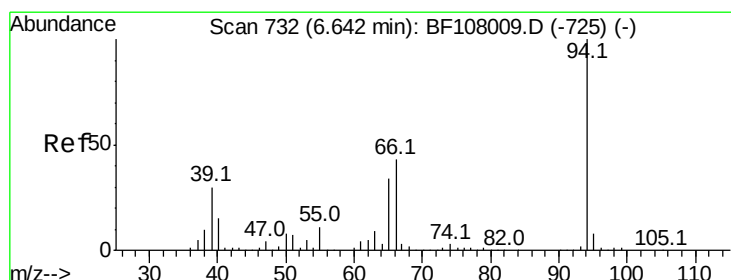
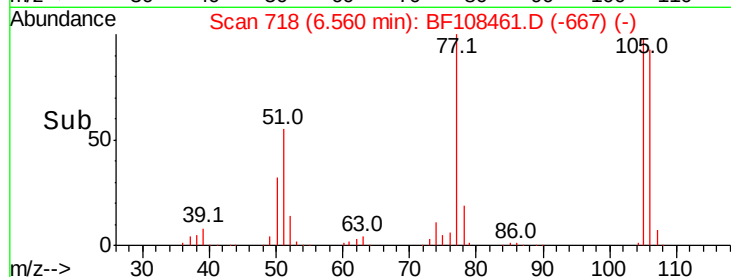
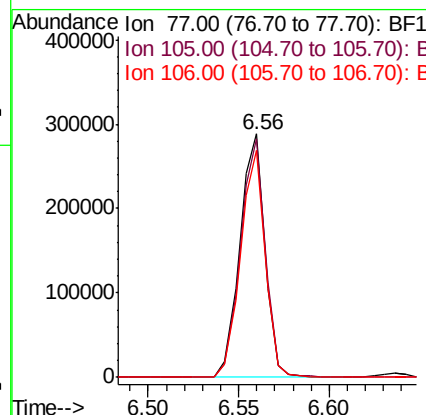
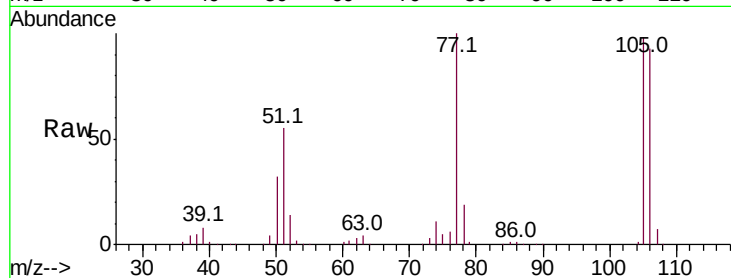
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	276165
Ion	Ratio	Lower	Upper
77	100		
105	97.8	81.1	121.1
106	93.0	74.5	114.5

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#10

Phenol

Concen: 41.245 ng

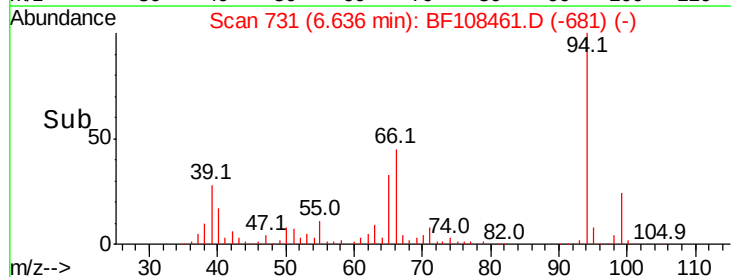
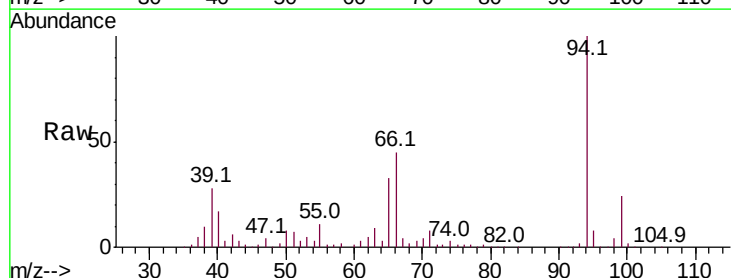
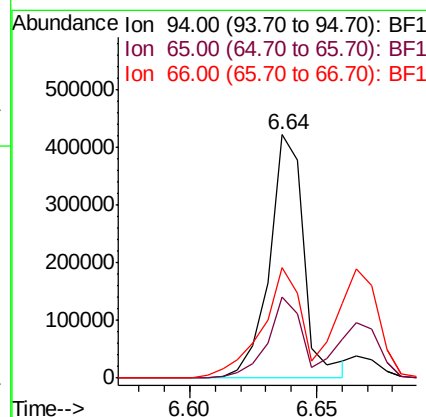
RT: 6.64 min Scan# 731

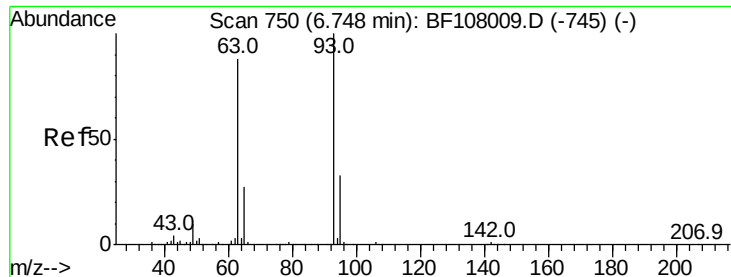
Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Tgt Ion:	94	Resp:	401942
Ion	Ratio	Lower	Upper
94	100		
65	33.3	7.9	47.9
66	45.4	16.2	56.2





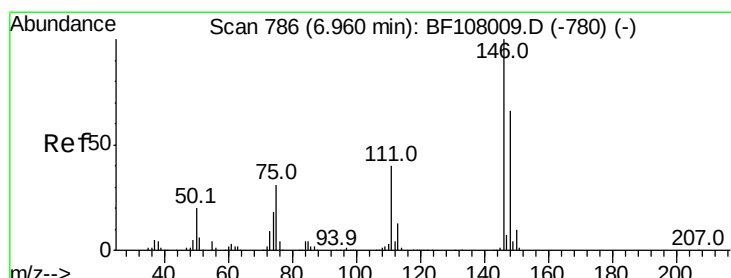
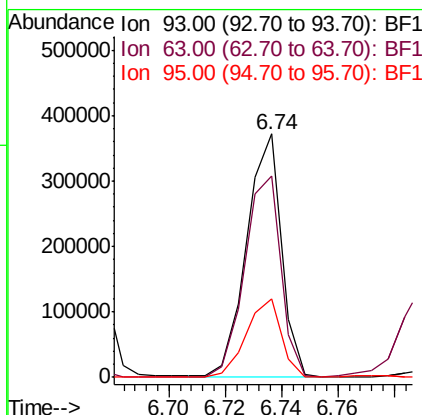
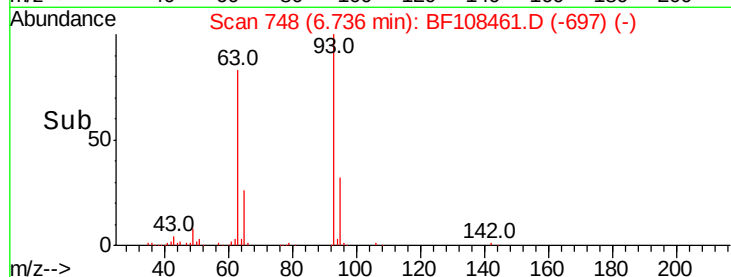
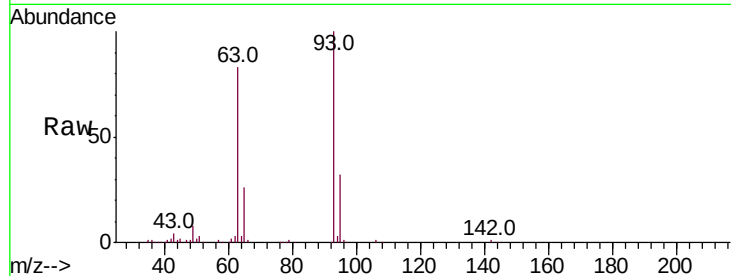
#11
bis(2-Chloroethyl)ether
Concen: 40.228 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.8	58.6	98.6
95	32.3	11.8	51.8

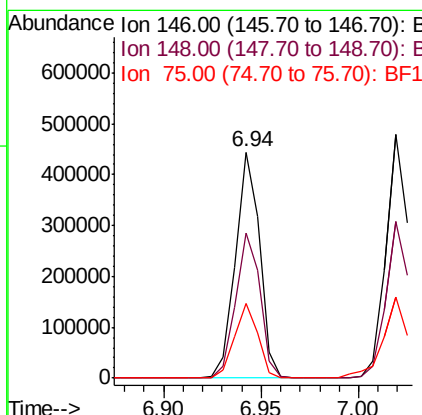
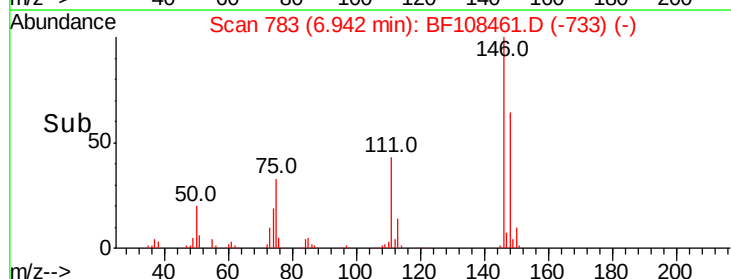
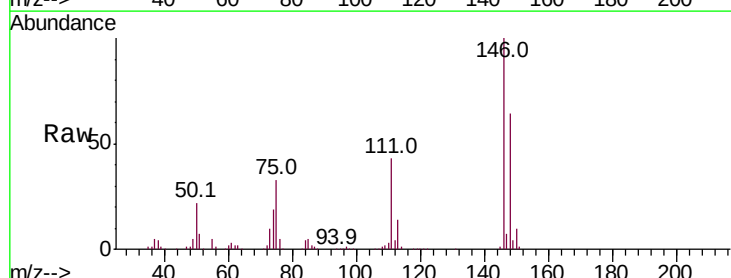
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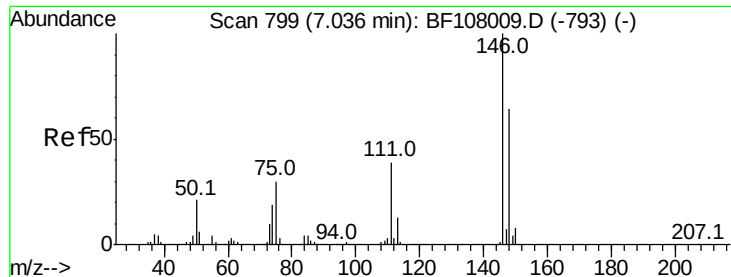
Sohil
8/27/2018 12:56:28 PM



#12
1,3-Dichlorobenzene
Concen: 41.324 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	33.1	24.2	36.4





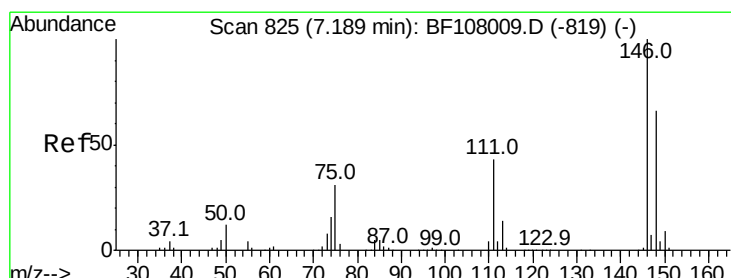
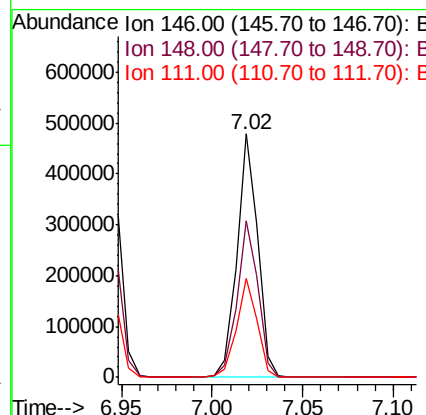
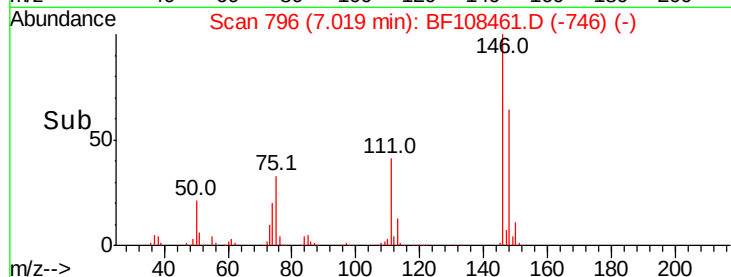
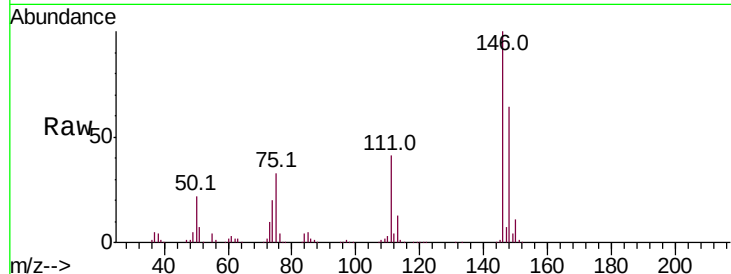
#13
 1,4-Dichlorobenzene
 Concen: 41.083 ng
 RT: 7.02 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	40.6	34.2	51.2

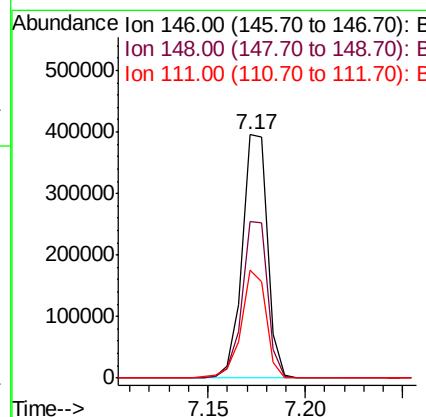
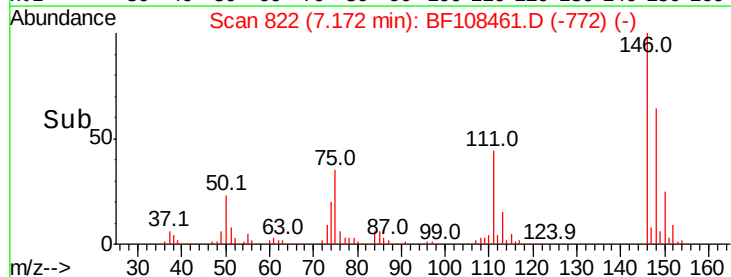
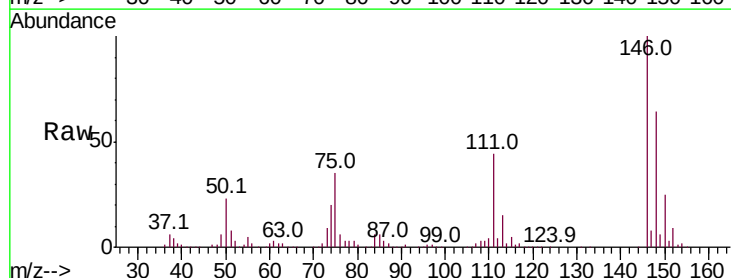
Manual Integrations
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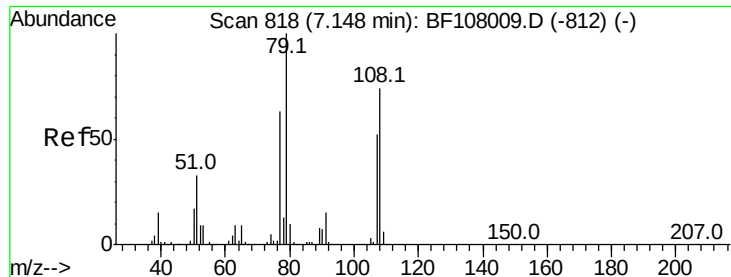
Sohil
 8/27/2018 12:56:28 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.165 ng
 RT: 7.17 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	44.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.365 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

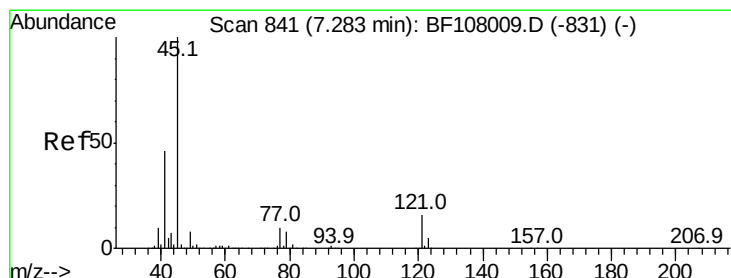
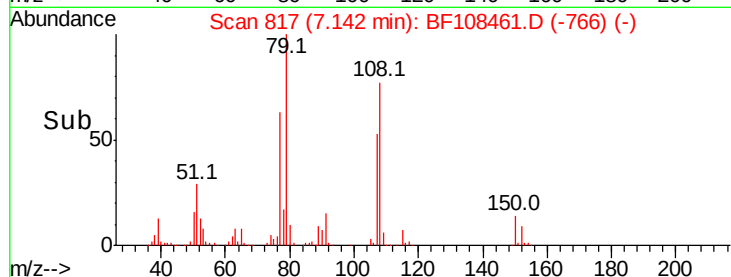
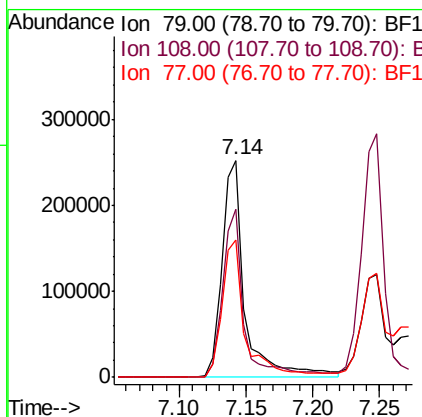
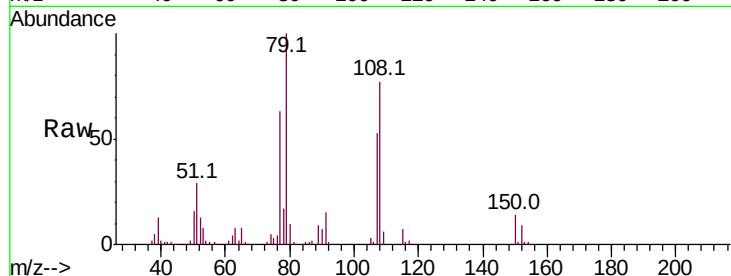
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	304279
Ion Ratio	Lower	Upper	
79	100		
108	77.3	65.1	97.7
77	63.4	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.408 ng

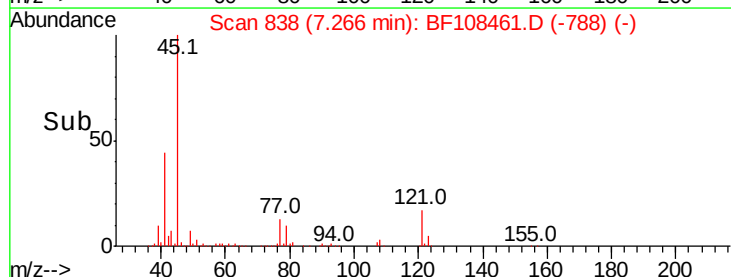
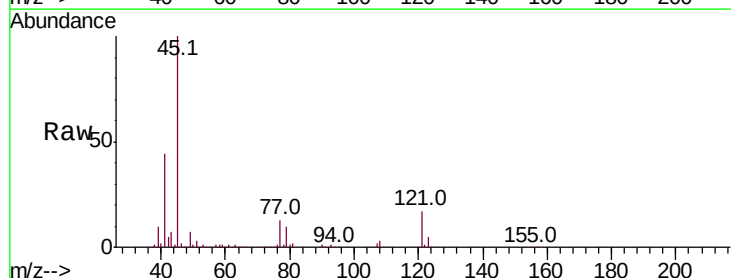
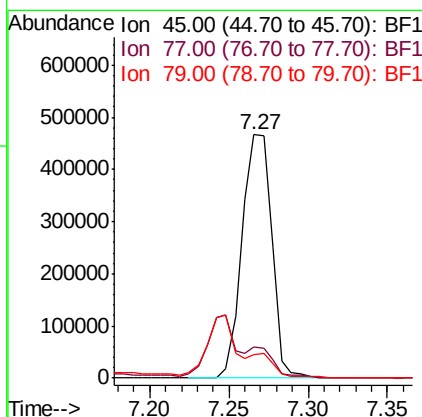
RT: 7.27 min Scan# 838

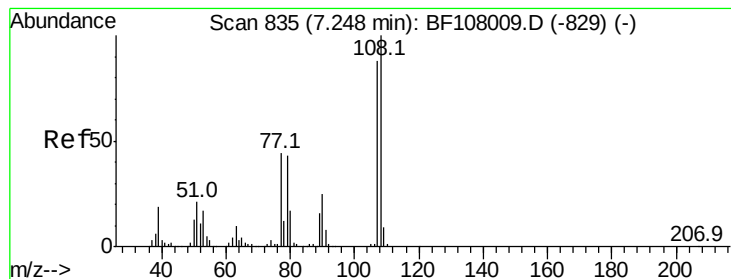
Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Tgt Ion:	45	Resp:	607144
Ion Ratio	Lower	Upper	
45	100		
77	12.7	0.0	32.9
79	9.8	0.0	29.6





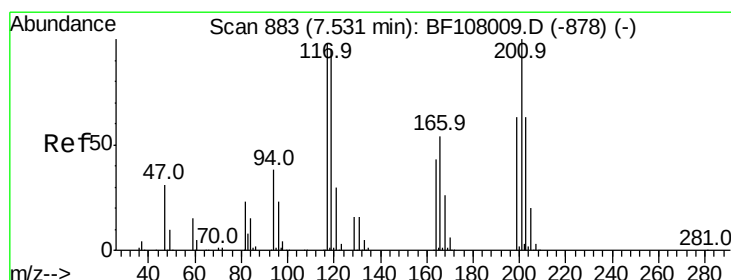
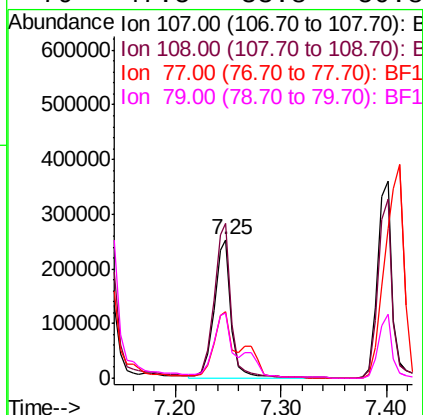
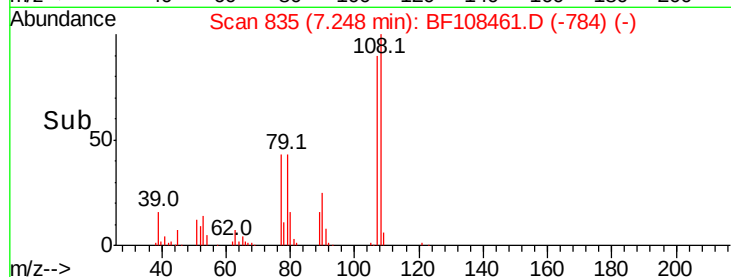
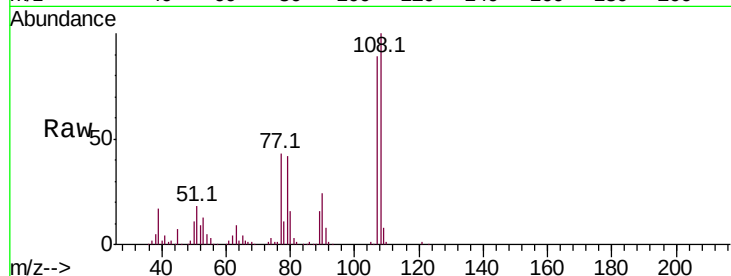
#17
2-Methylphenol
Concen: 42.006 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		287636		
108	111.9	91.7	137.5		
77	48.0	33.8	50.8		
79	47.5	33.8	50.8		

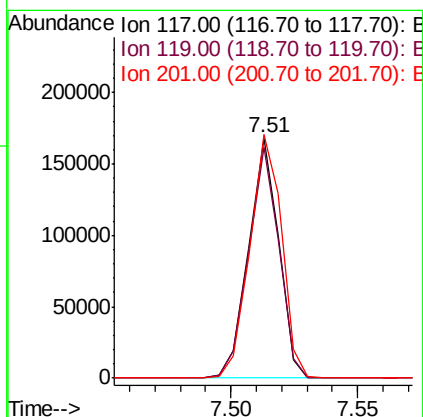
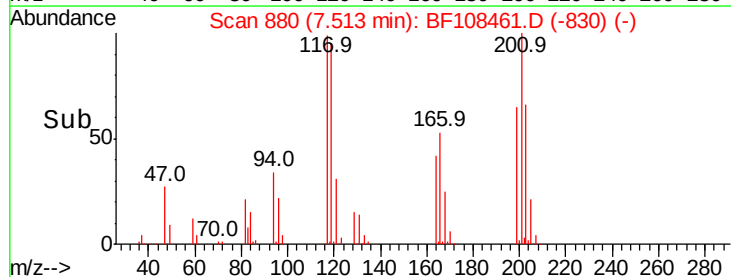
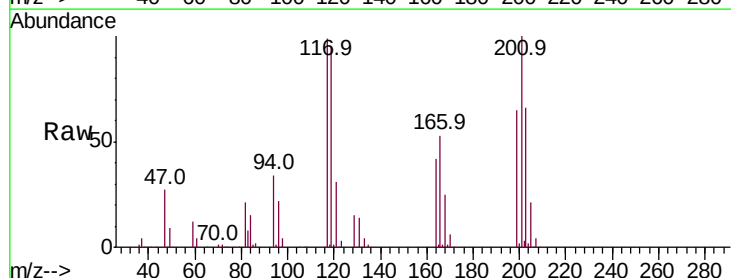
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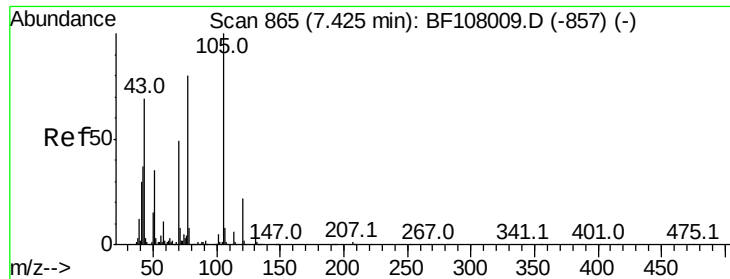
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#18
Hexachloroethane
Concen: 42.125 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		139118		
119	95.8	75.8	113.8		
201	101.3	75.7	113.5		





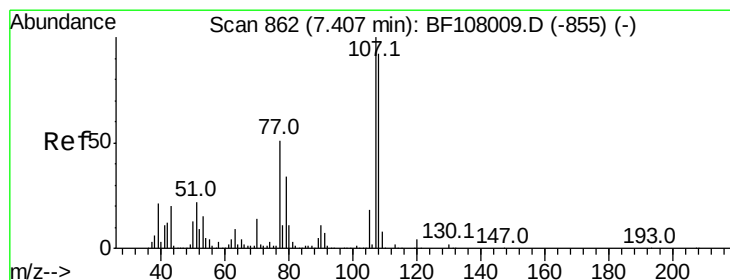
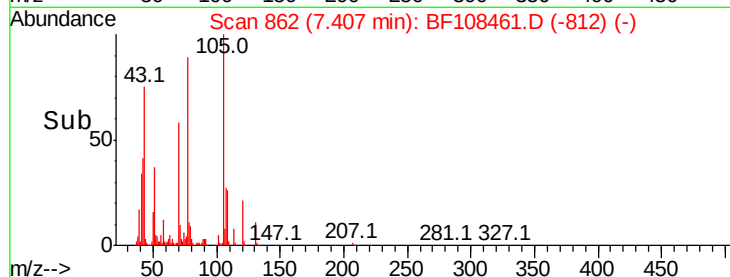
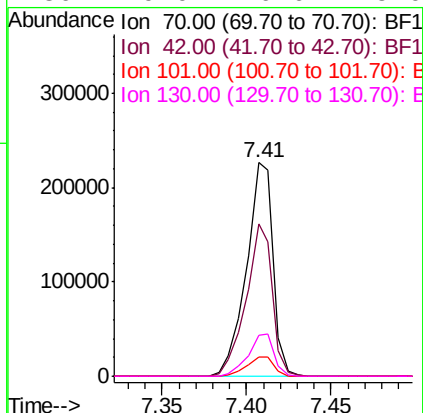
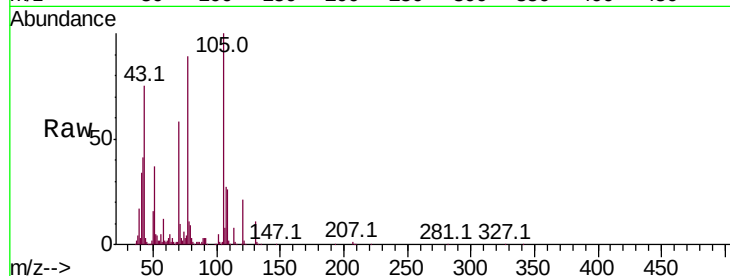
#19
n-Nitroso-di-n-propylamine
Concen: 39.121 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.2	47.5	71.3
101	9.3	7.4	11.2
130	19.0	16.6	25.0

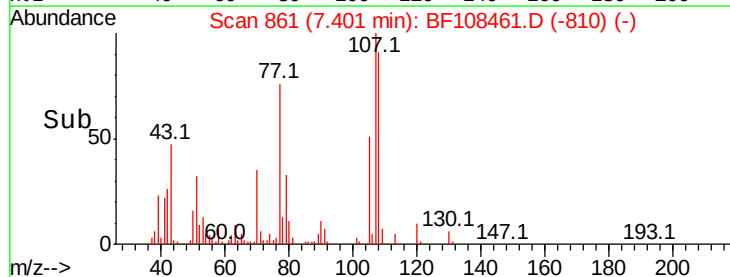
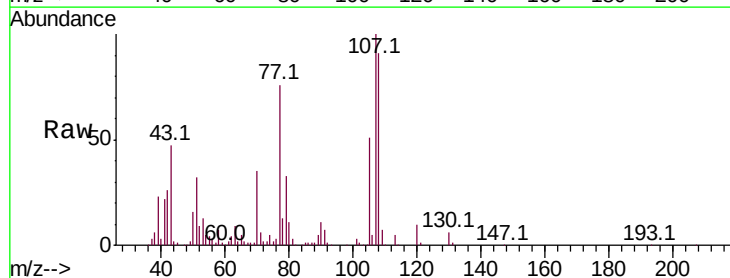
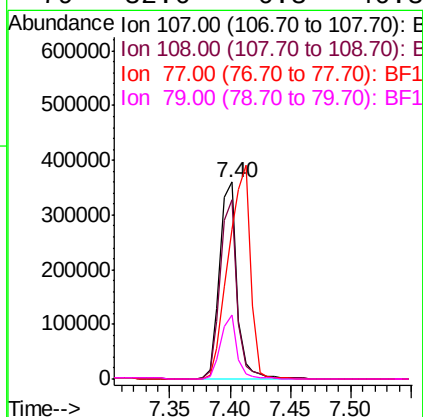
Manual Integrations
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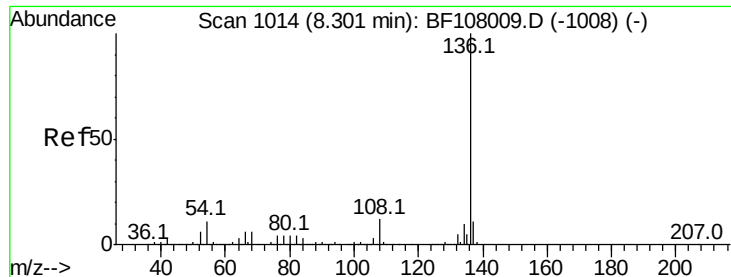
Sohil
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#20
3+4-Methylphenols
Concen: 40.452 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.2	108.2
77	76.0	26.7	66.7#
79	32.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

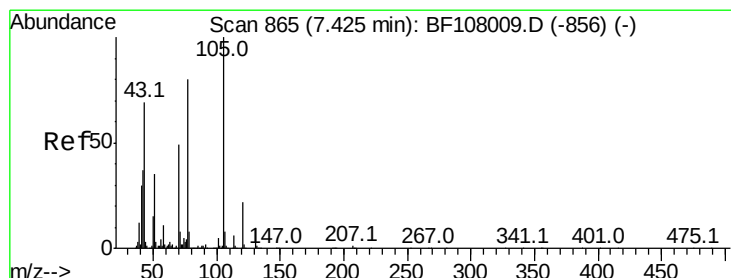
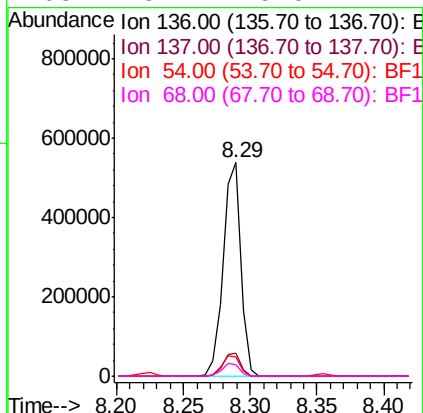
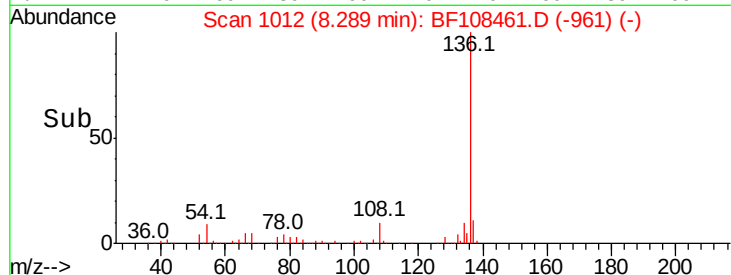
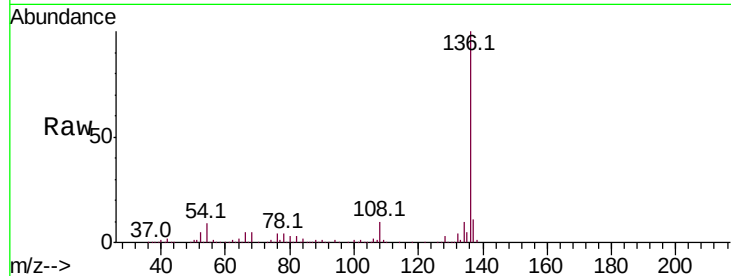
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	8.8	6.6	9.8	
68	5.4	5.0	7.4	

Manual Integrations
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#22

Acetophenone

Concen: 40.117 ng

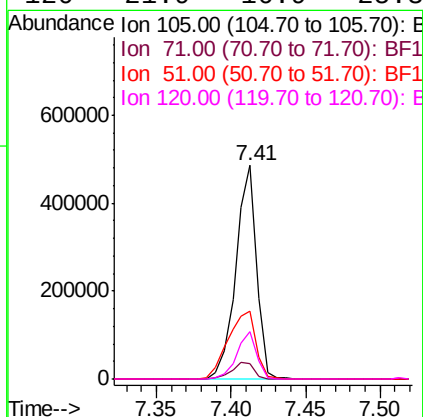
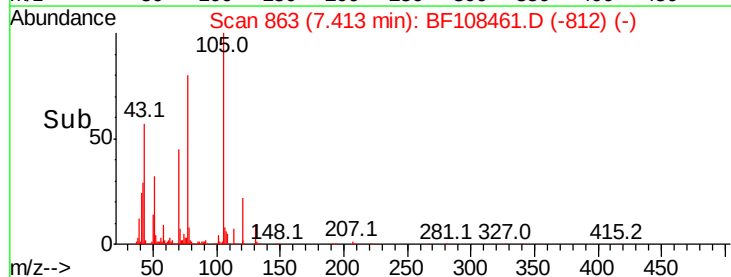
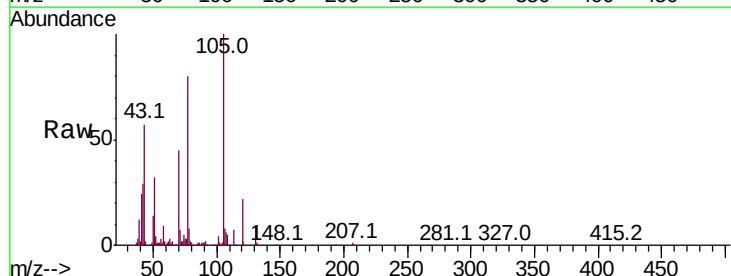
RT: 7.41 min Scan# 863

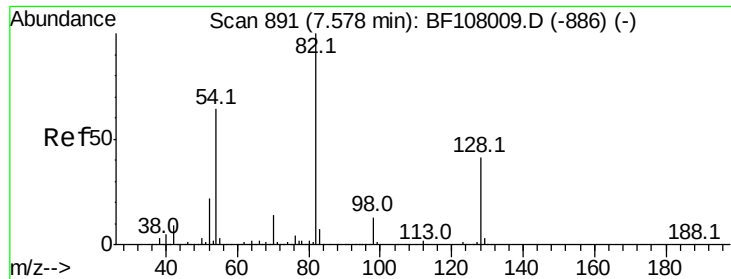
Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	4.4	6.6#	
51	32.1	22.3	33.5	
120	21.9	16.9	25.3	





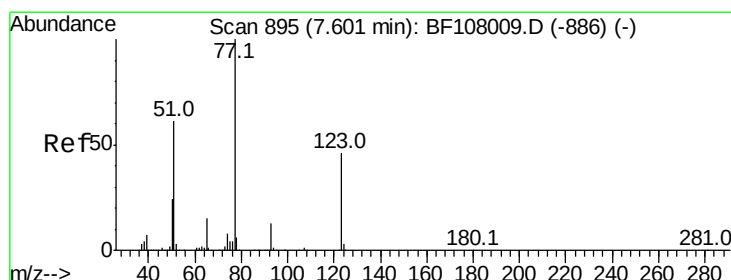
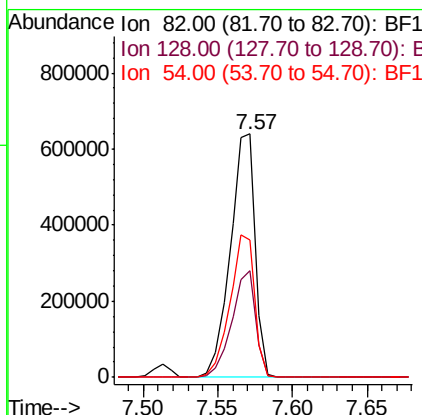
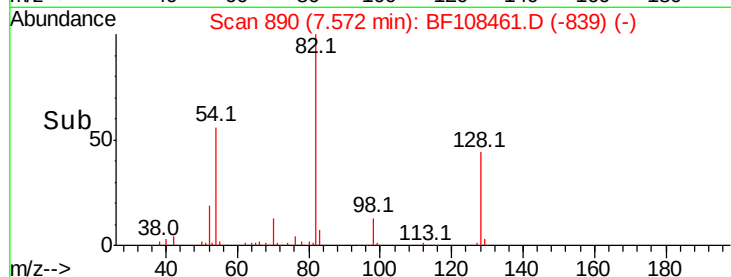
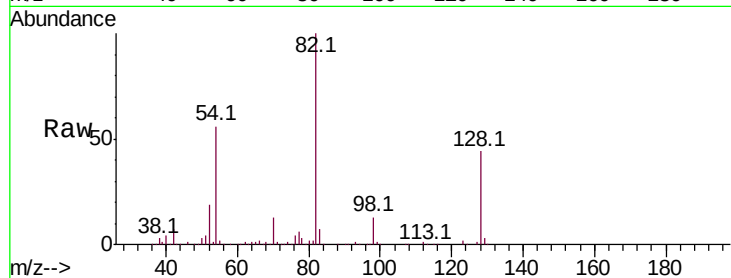
#23
 Nitrobenzene-d5
 Concen: 82.762 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	56.4	41.4	62.2

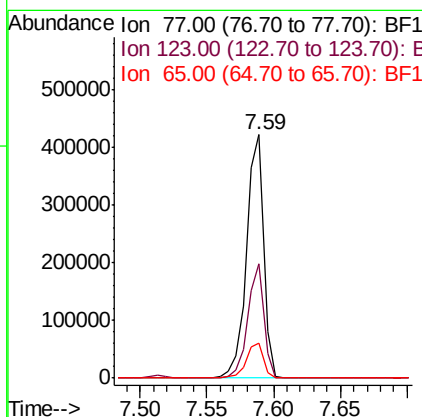
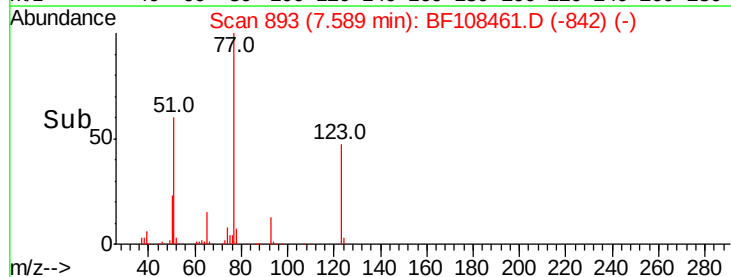
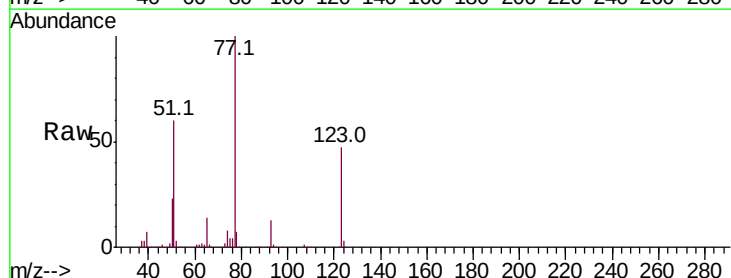
Manual Integrations
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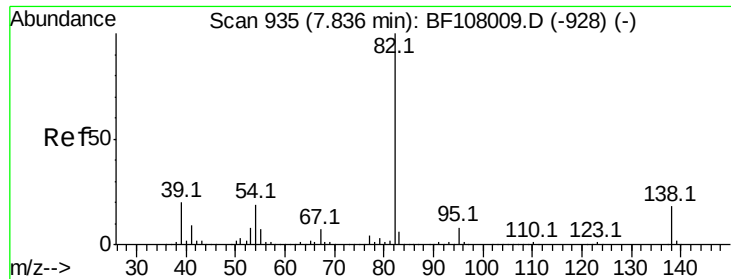
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#24
 Nitrobenzene
 Concen: 40.451 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.9	56.9
65	14.5	11.0	16.4





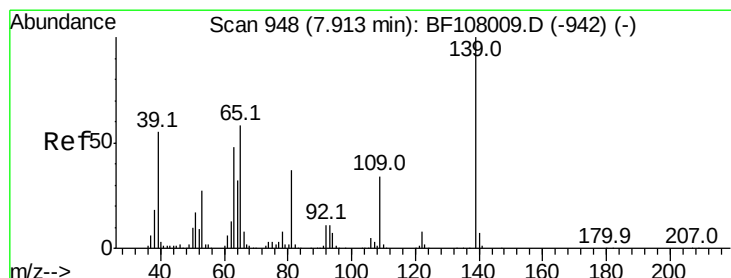
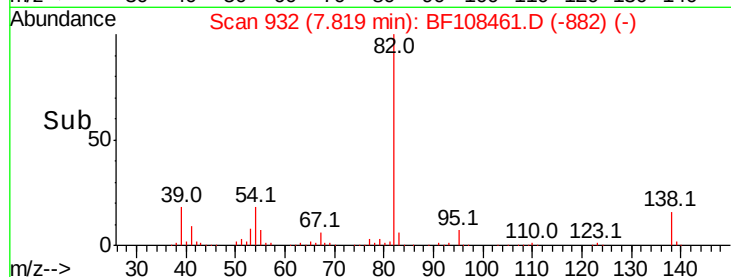
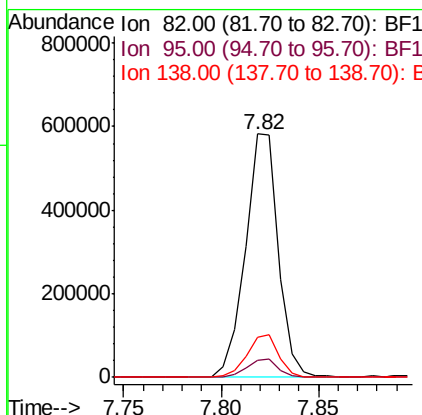
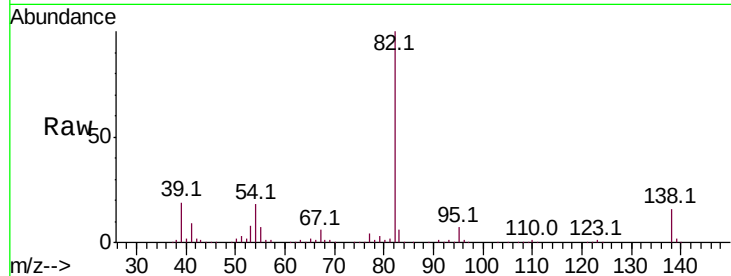
#25
Isophorone
Concen: 39.386 ng
RT: 7.82 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.2		5.2	7.8
138	16.3		14.9	22.3

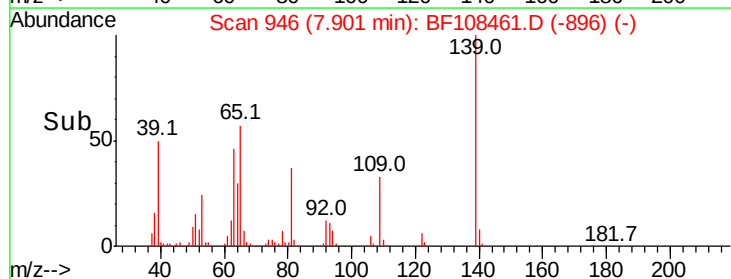
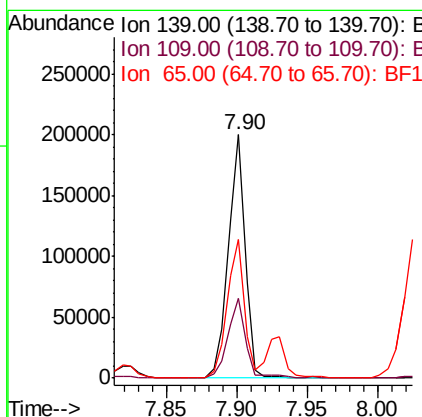
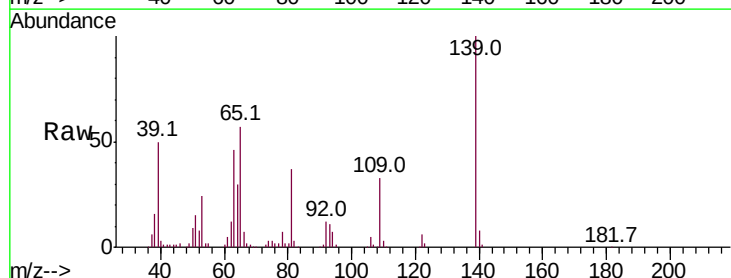
Manual Integrations
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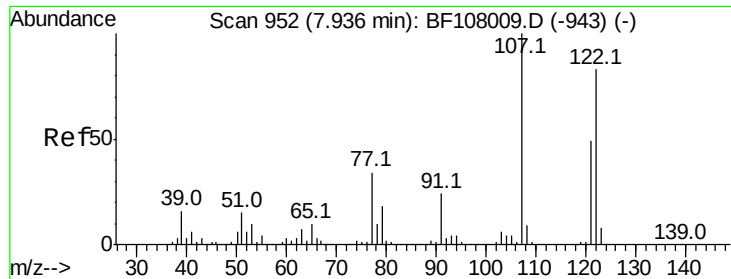
Sohil
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#26
2-Nitrophenol
Concen: 47.891 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	32.7		22.7	34.1
65	56.7		40.5	60.7





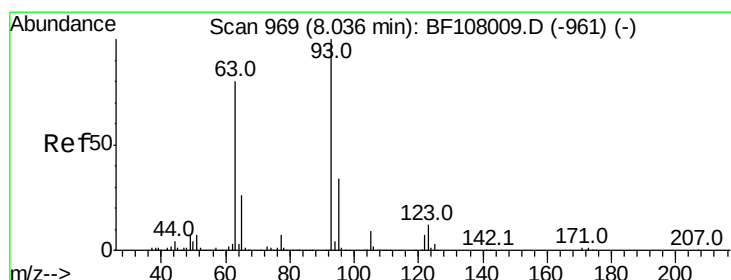
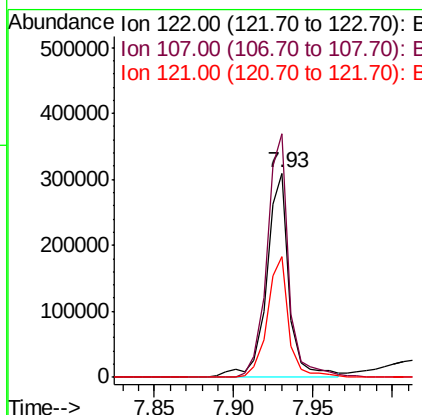
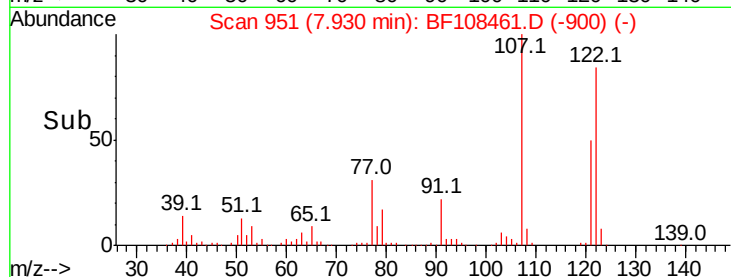
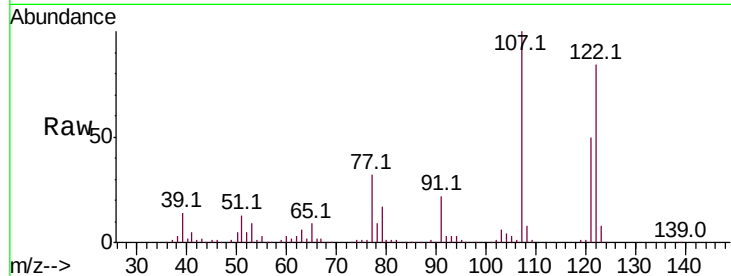
#27
 2,4-Dimethylphenol
 Concen: 40.438 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	91.2	136.8
121	59.4	47.2	70.8

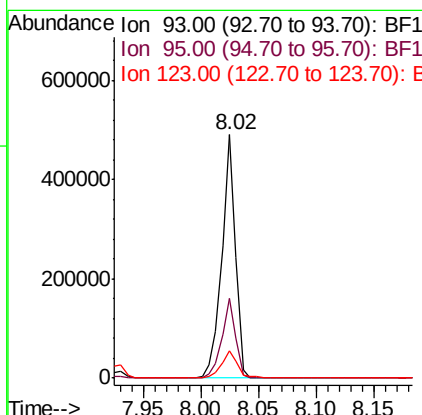
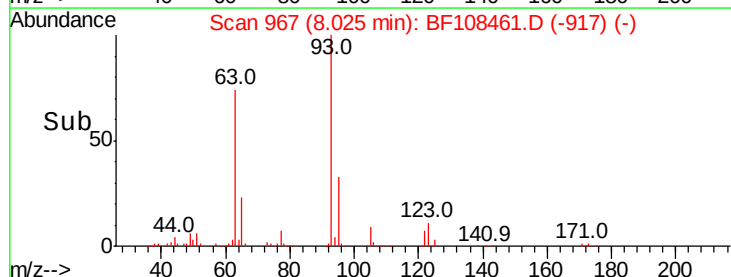
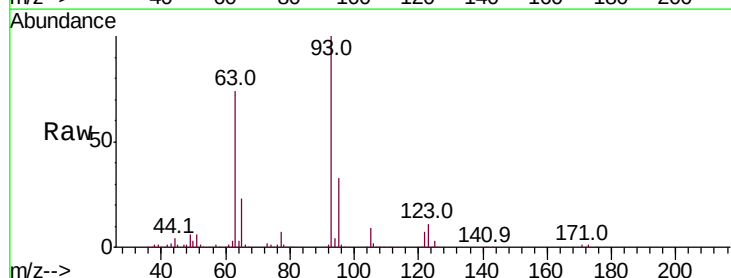
Manual Integrations
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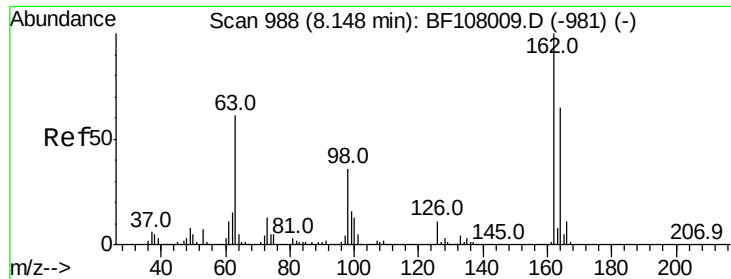
Sohil
 8/27/2018 12:56:28 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.320 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	11.3	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 41.656 ng

RT: 8.14 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

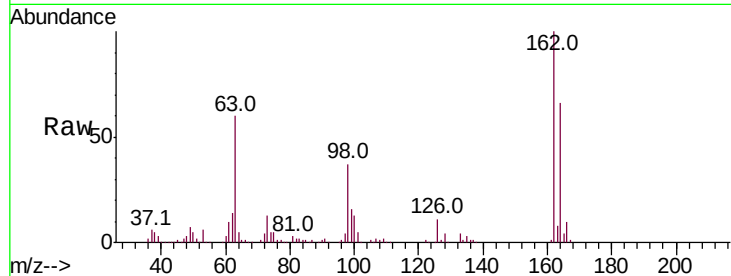
ClientSampled :

SSTDCCC040

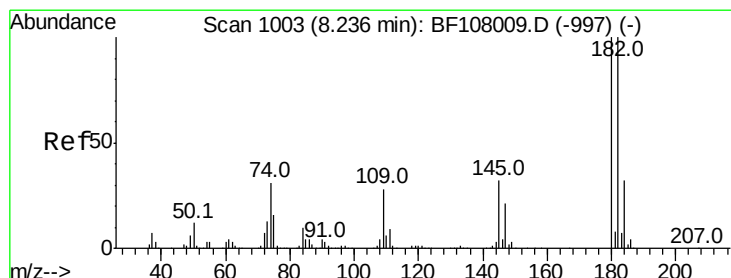
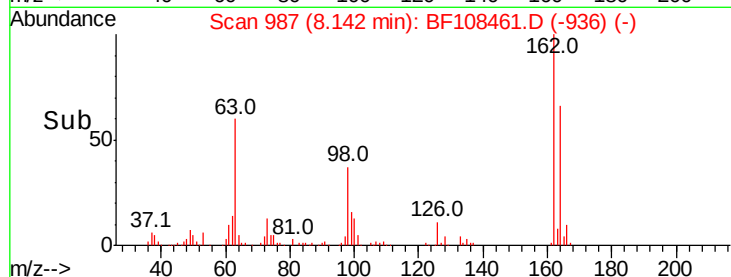
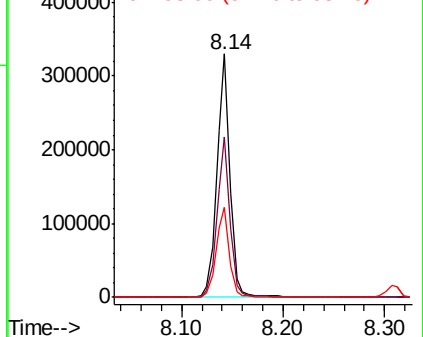
Tot Ion:	162	Resp:	293688
Ion Ratio	Lower	Upper	
162	100		
164	65.9	42.7	82.7
98	36.8	18.1	58.1

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.465 ng

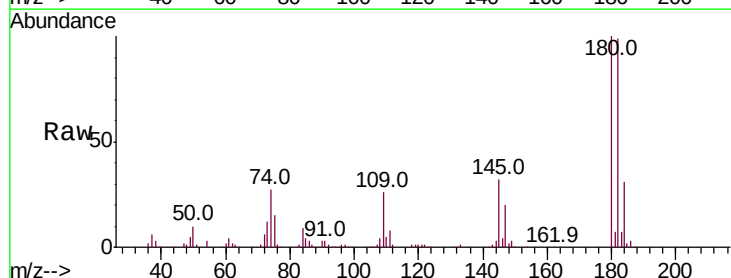
RT: 8.22 min Scan# 1001

Delta R.T. -0.01 min

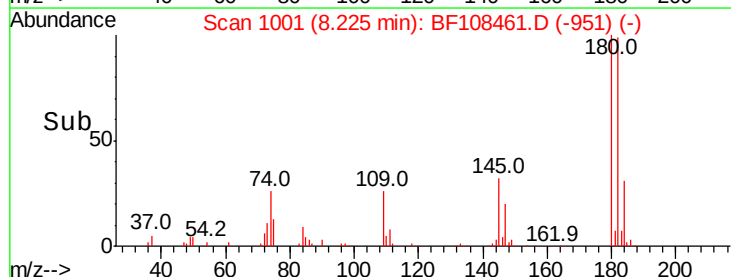
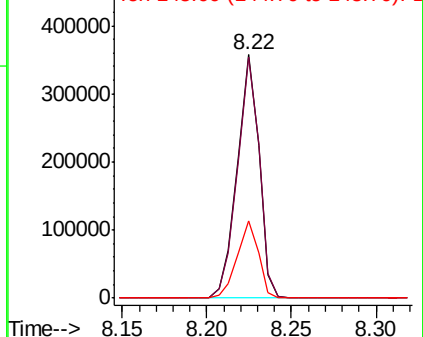
Lab File: BF108461.D

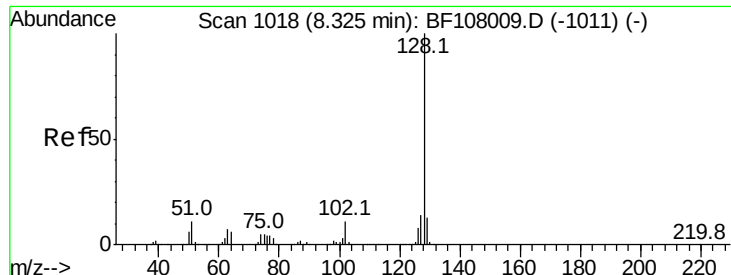
Acq: 24 Aug 2018 14:10

Tgt Ion:	180	Resp:	322321
Ion Ratio	Lower	Upper	
180	100		
182	98.9	76.8	115.2
145	31.7	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





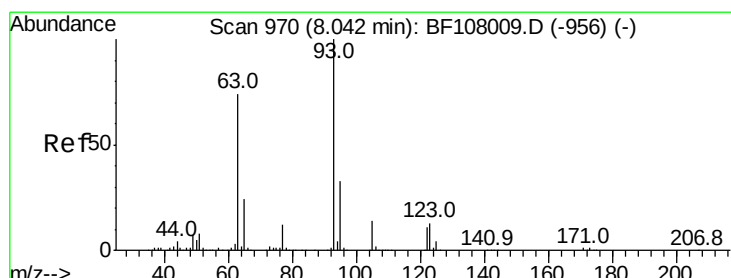
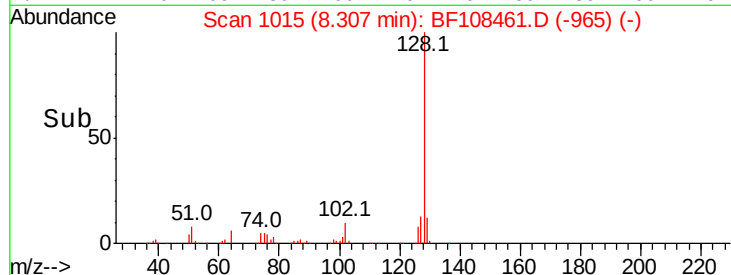
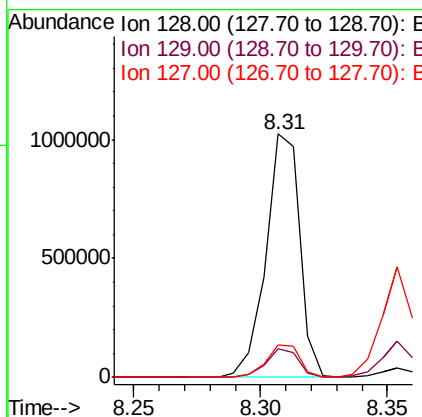
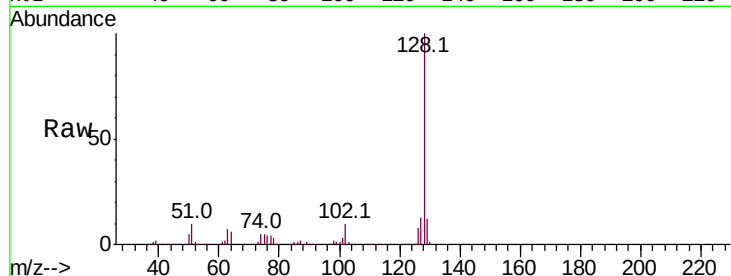
#31
Naphthalene
Concen: 41.808 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	8.8	13.2	
127	13.5	10.9	16.3	

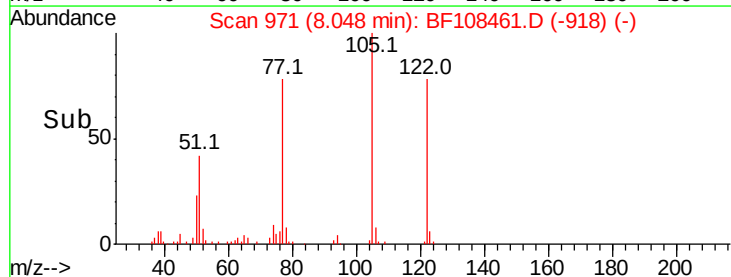
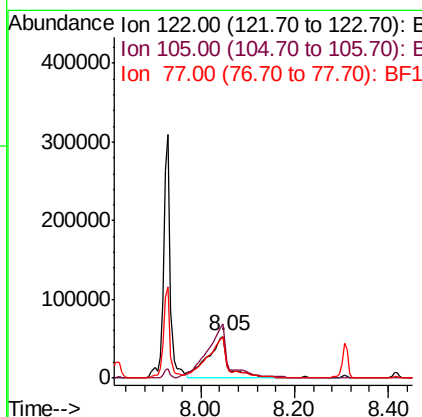
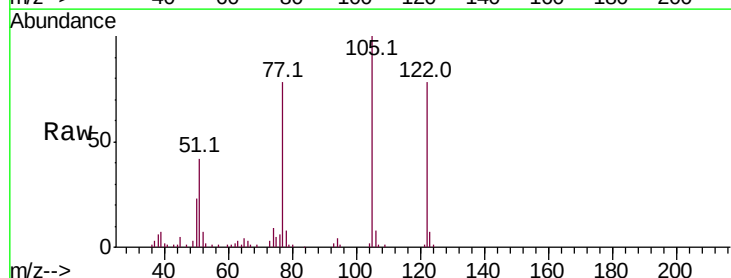
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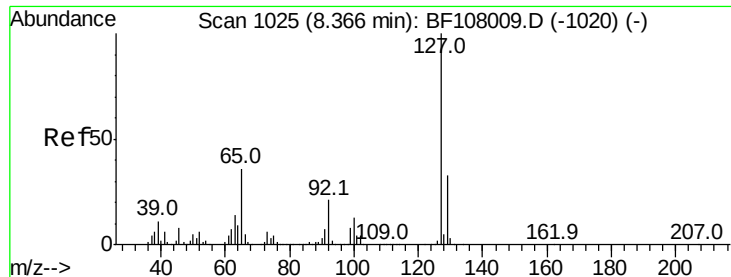
Sohil
8/27/2018 12:56:28 PM



#32
Benzoic acid
Concen: 39.768 ng m
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	128.8	101.1	141.1	
77	100.0	70.7	110.7	





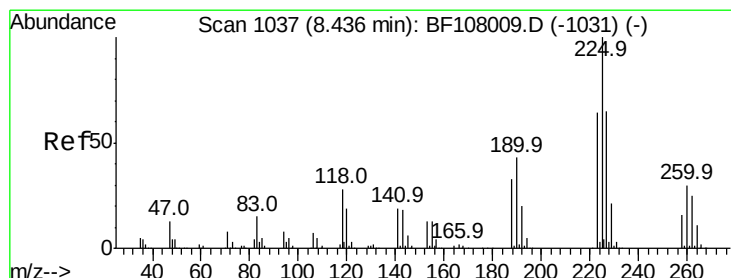
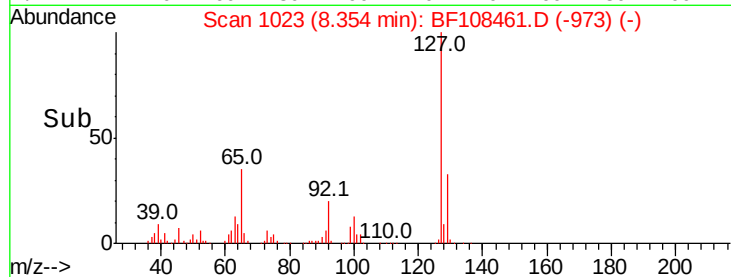
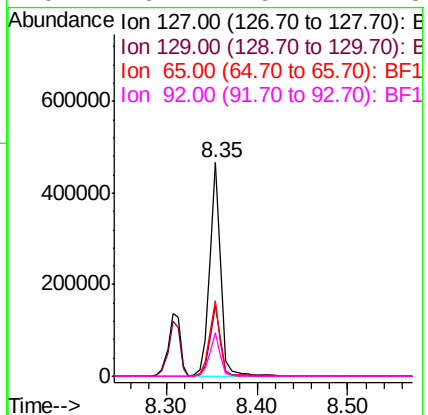
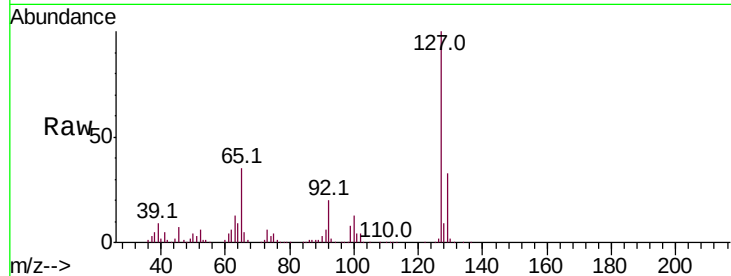
#33
4-Chloroaniline
Concen: 40.750 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	25.9	38.9	
65	35.2	25.0	37.4	
92	20.4	15.2	22.8	

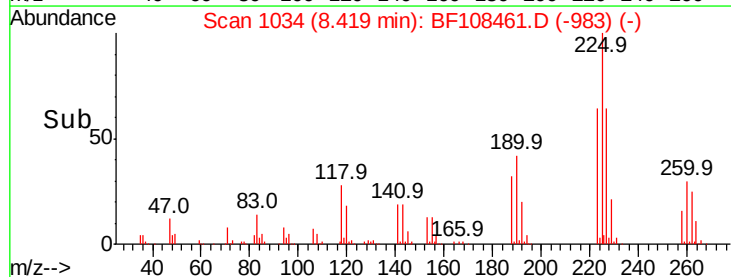
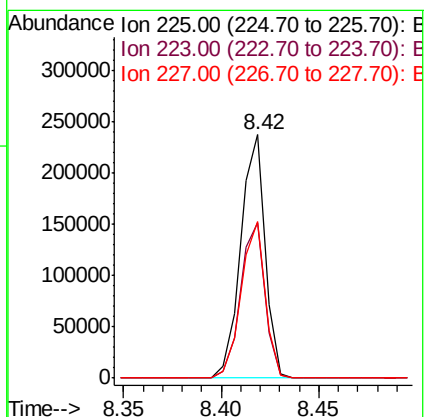
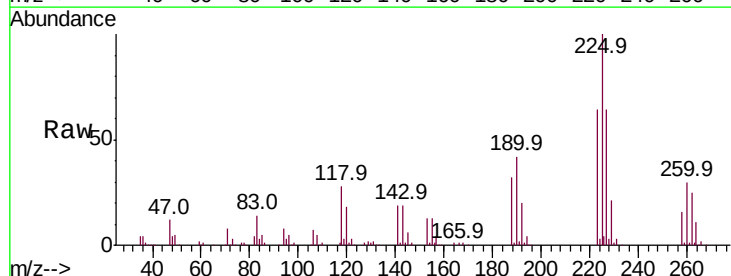
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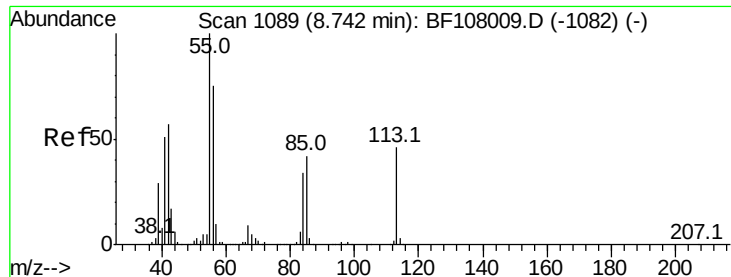
Sohil
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#34
Hexachlorobutadiene
Concen: 41.839 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	50.6	76.0	
227	64.3	51.9	77.9	





#35

Caprolactam

Concen: 40.212 ng

RT: 8.74 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:113 Resp: 88846

Ion Ratio Lower Upper

113 100

55 208.0 163.3 203.3#

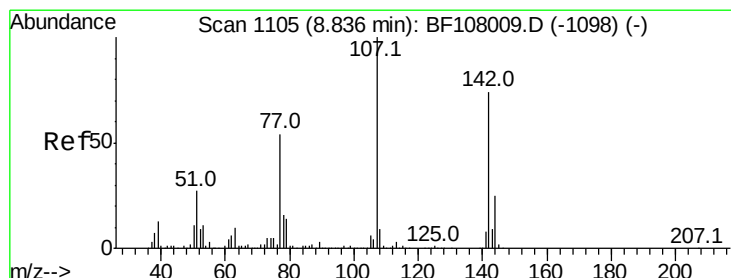
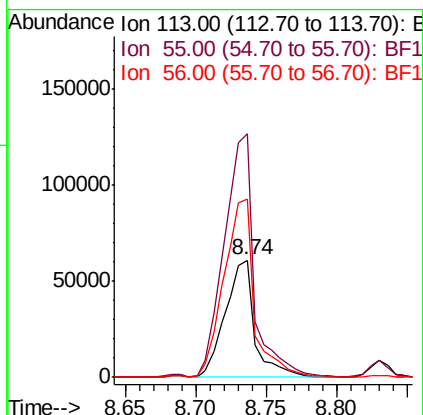
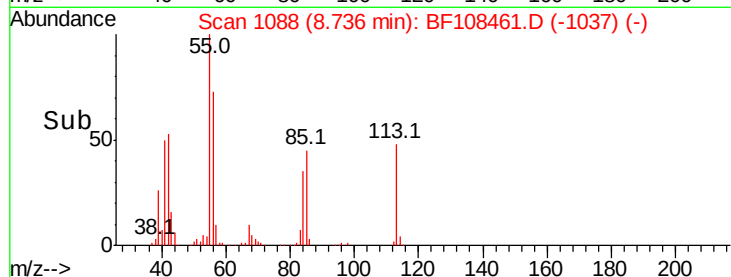
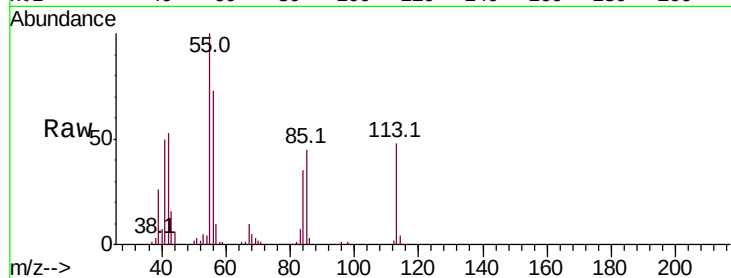
56 152.1 115.7 155.7

Manual Integrations

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Sohil

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#36

4-Chloro-3-methylphenol

Concen: 41.082 ng

RT: 8.83 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

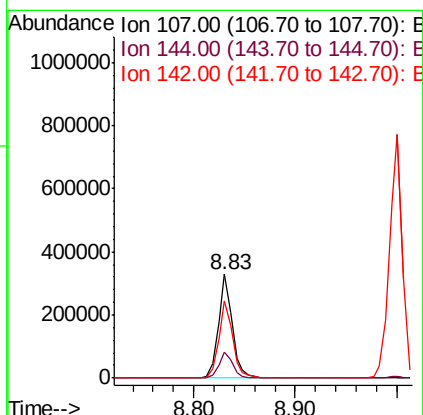
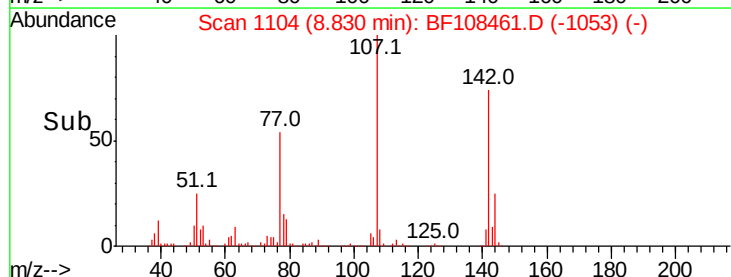
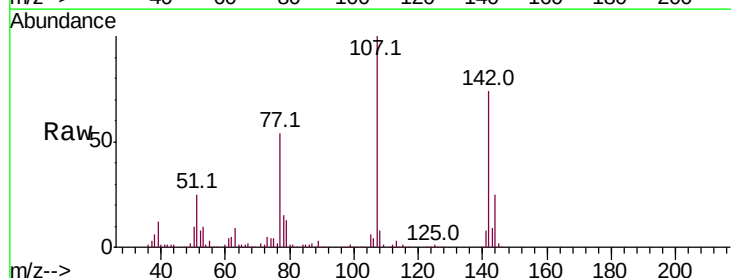
Tgt Ion:107 Resp: 312467

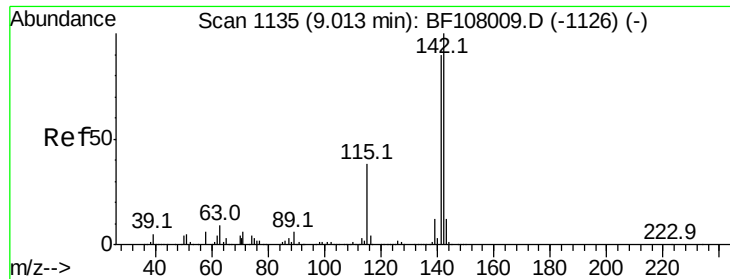
Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

142 74.2 62.0 93.0





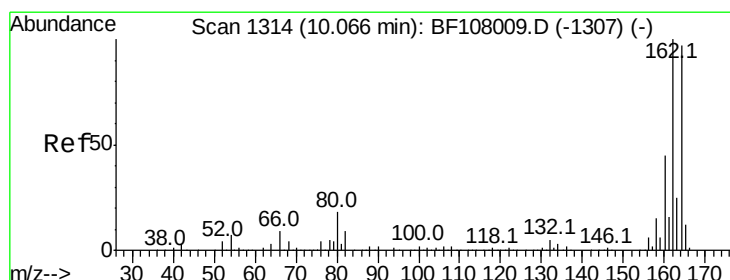
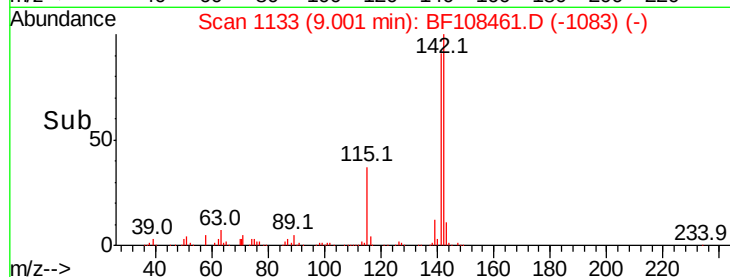
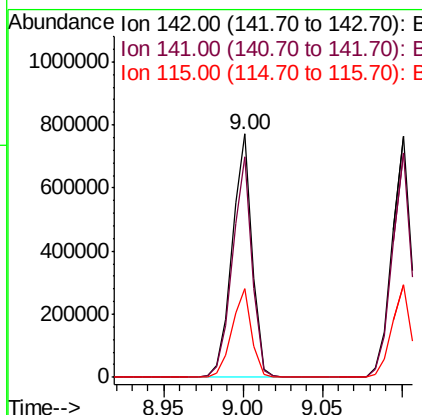
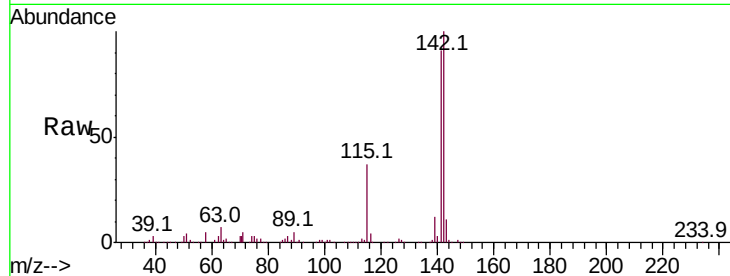
#37
2-Methylnaphthalene
Concen: 41.244 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	36.7	26.1	39.1

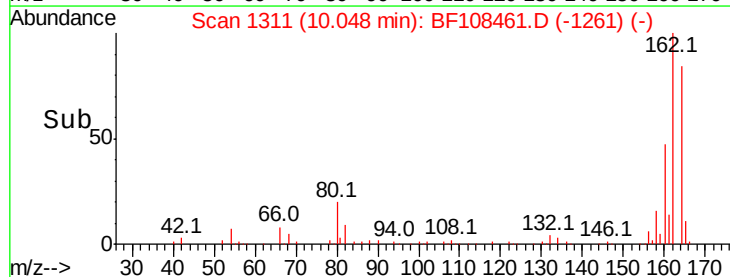
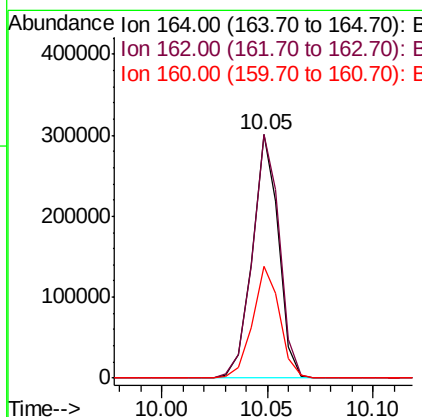
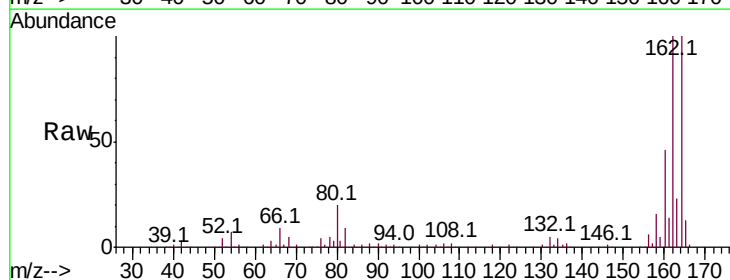
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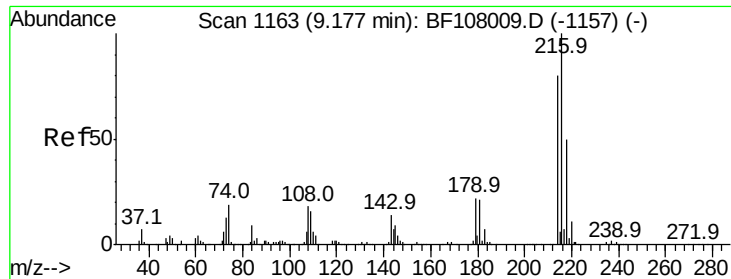
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	86.1	129.1
160	45.9	38.3	57.5





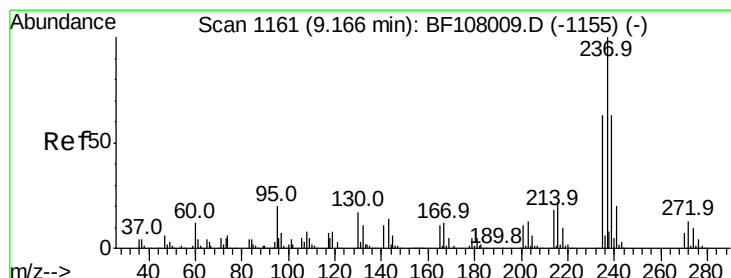
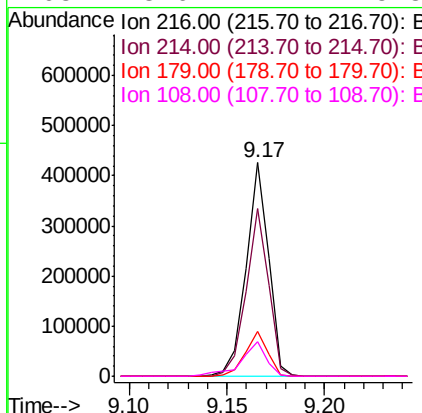
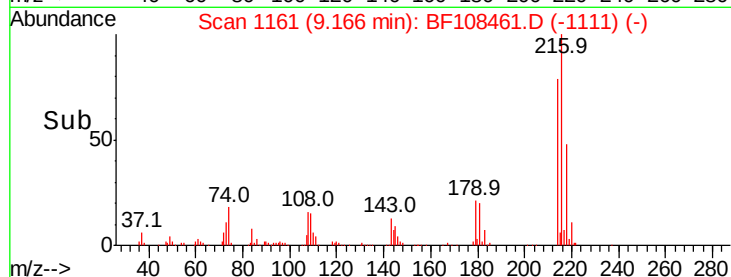
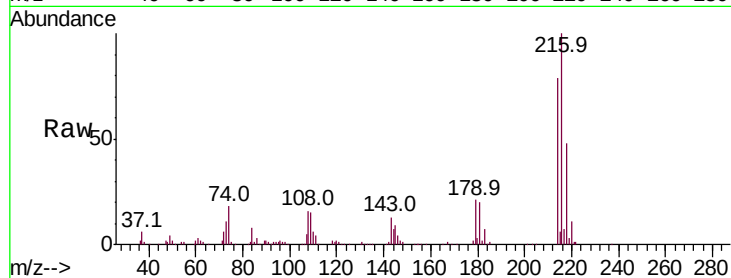
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.792 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.2	63.0	94.4	
179	20.9	18.1	27.1	
108	18.6	17.2	25.8	

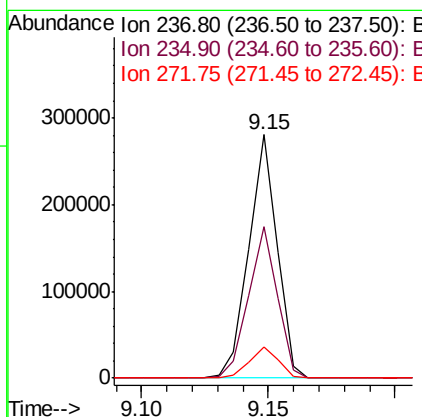
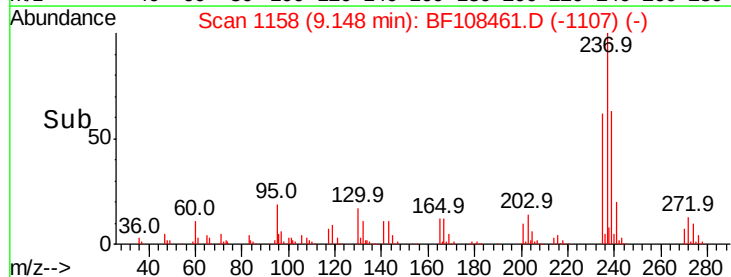
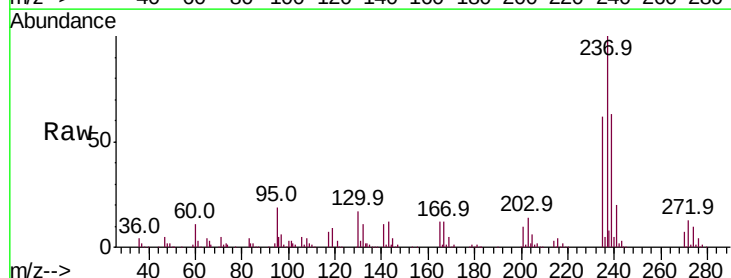
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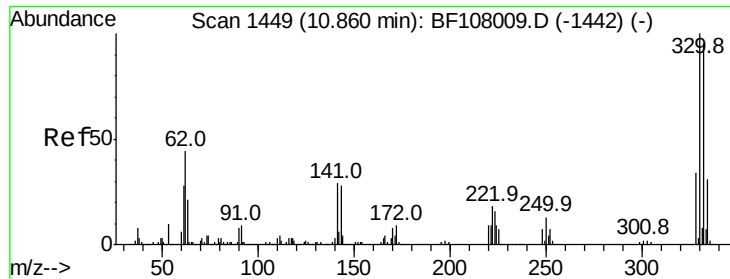
Sohil
 8/27/2018 12:56:28 PM



#40
 Hexachlorocyclopentadiene
 Concen: 42.795 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.0	44.8	84.8	
272	12.7	0.0	33.3	





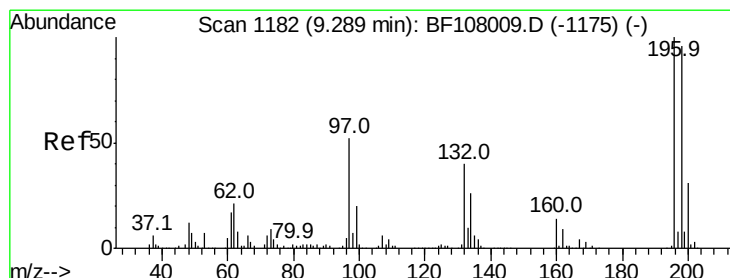
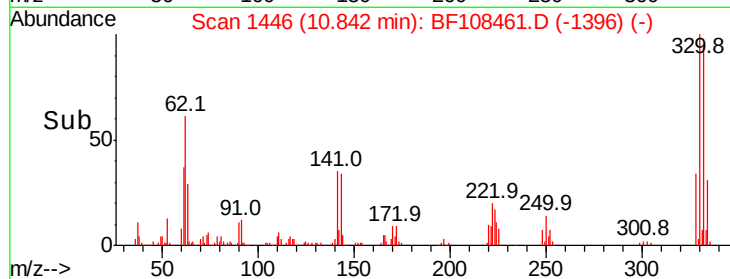
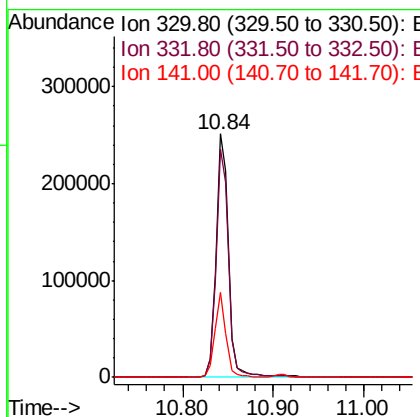
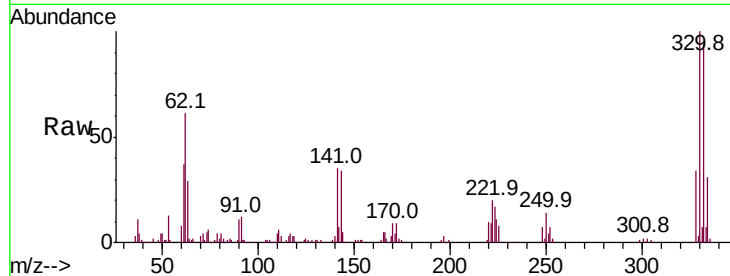
#41
 2,4,6-Tribromophenol
 Concen: 92.530 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	77.0	115.6	
141	31.7	29.9	44.9	

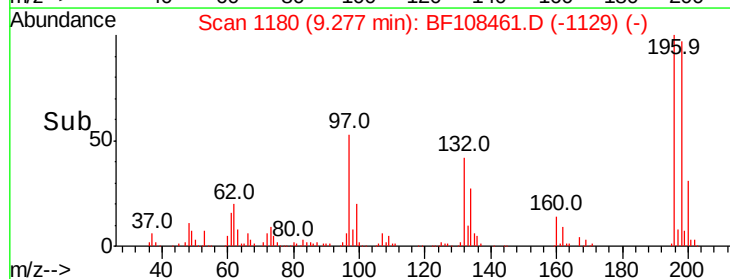
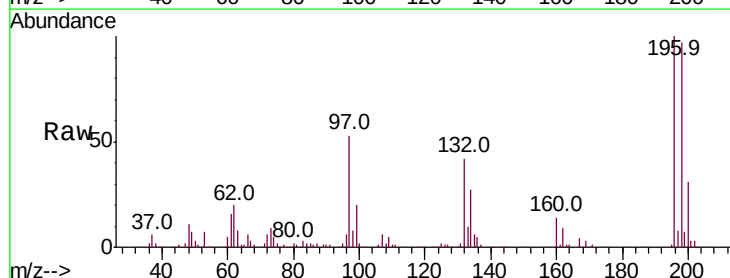
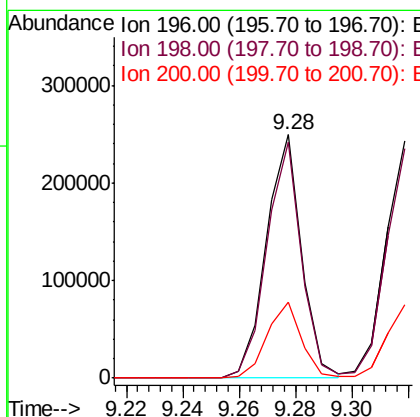
Manual Integrations
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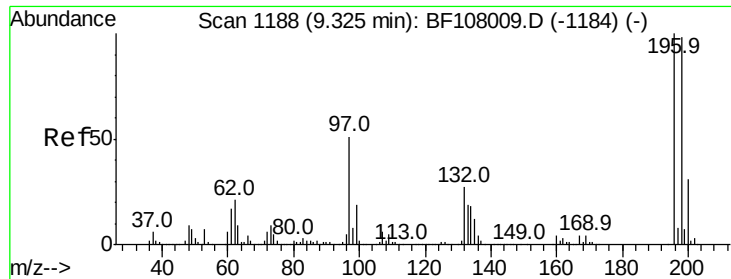
Sohil
 8/27/2018 12:56:28 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.714 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.7	75.7	113.5	
200	31.0	24.5	36.7	





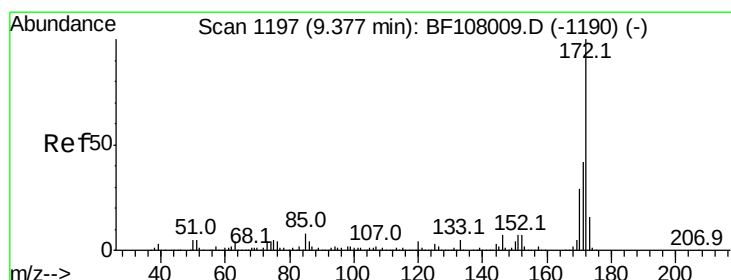
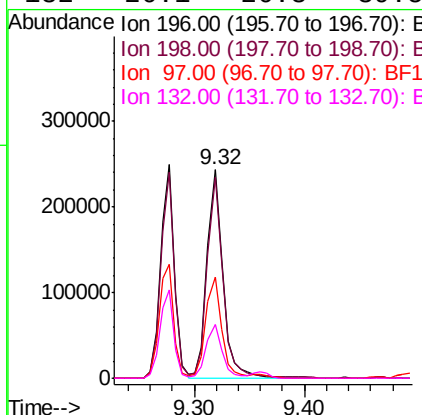
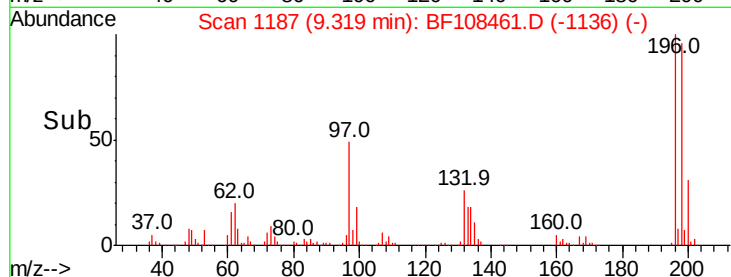
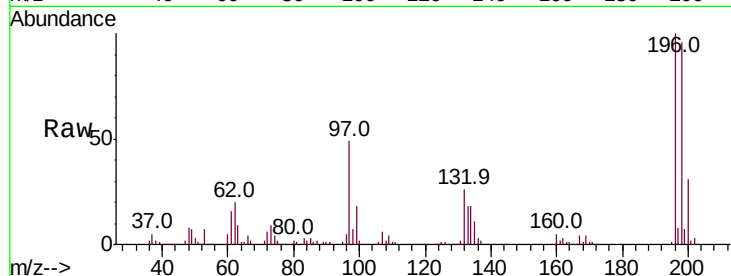
#43
 2,4,5-Trichlorophenol
 Concen: 43.937 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	238573
Ion Ratio	Lower	Upper	
196	100		
198	96.3	74.6	112.0
97	48.7	42.9	64.3
132	26.1	26.3	39.5#

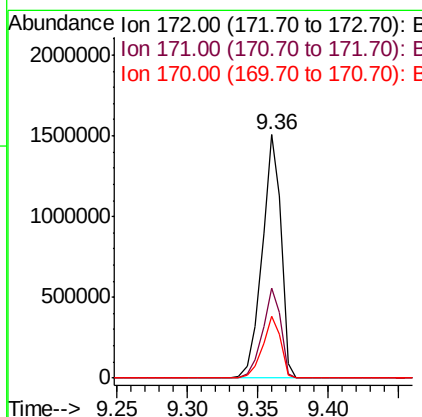
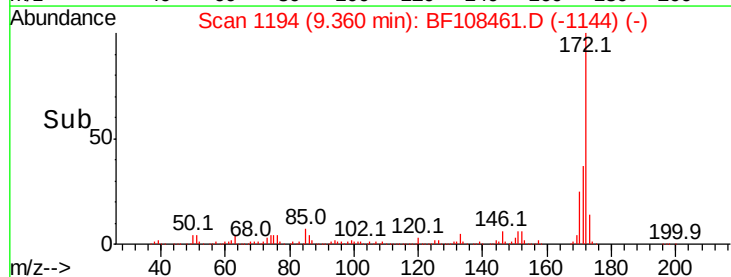
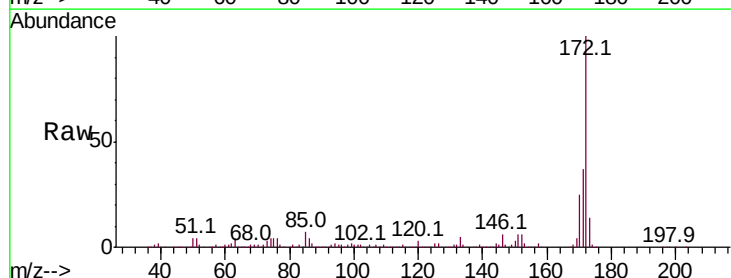
Manual Integrations
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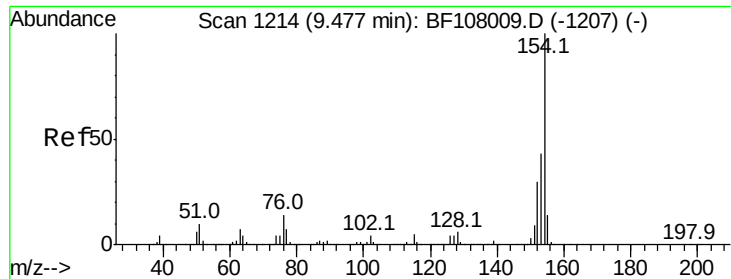
Sohil
 8/27/2018 12:56:28 PM



#44
 2-Fluorobiphenyl
 Concen: 88.239 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion:	172	Resp:	1422616
Ion Ratio	Lower	Upper	
172	100		
171	37.1	29.7	44.5
170	25.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 42.198 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

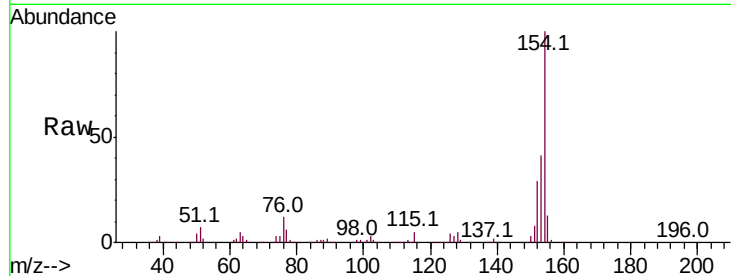
ClientSampled :

SSTDCCC040

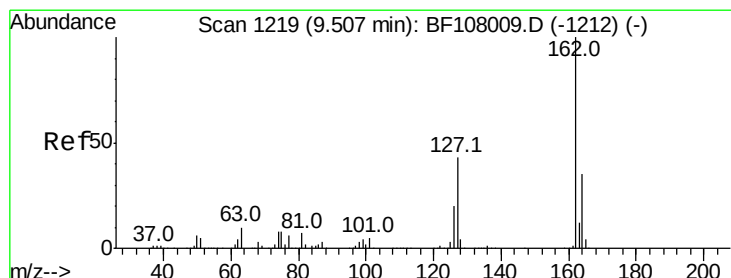
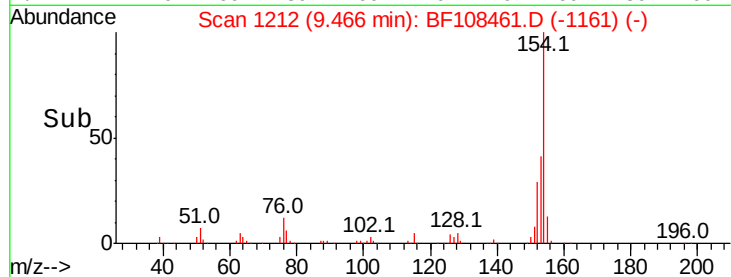
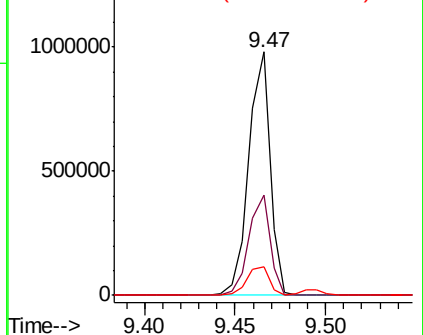
Tot Ion:	154	Resp:	805316
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.3	61.3
76	11.6	0.0	34.0

Manual Integrations
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Sohil
8/27/2018 12:56:28 PM



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



#46

2-Chloronaphthalene

Concen: 41.806 ng

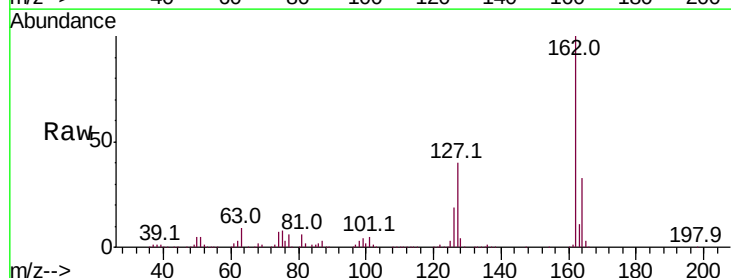
RT: 9.50 min Scan# 1217

Delta R.T. -0.00 min

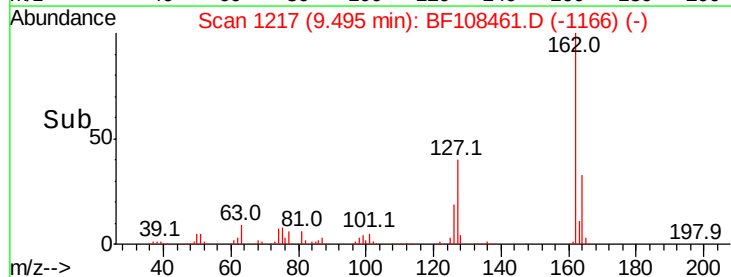
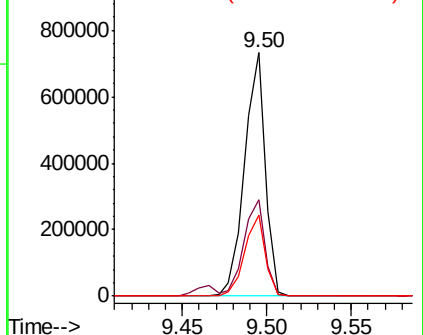
Lab File: BF108461.D

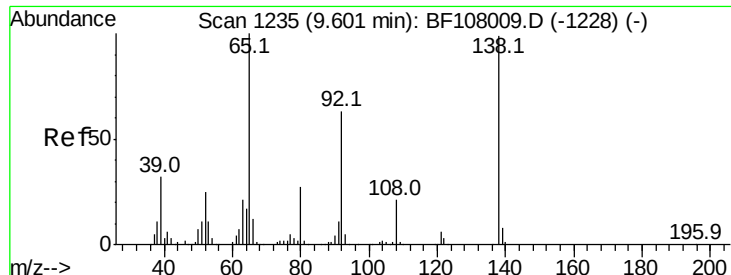
Acq: 24 Aug 2018 14:10

Tgt Ion:	162	Resp:	630578
Ion Ratio	Lower	Upper	
162	100		
127	39.7	33.9	50.9
164	33.2	26.5	39.7



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





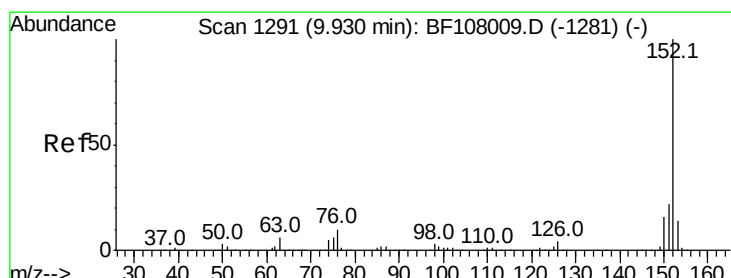
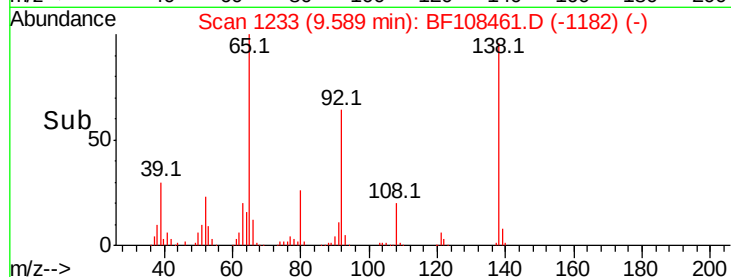
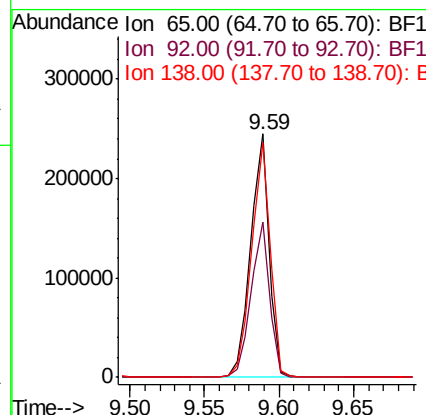
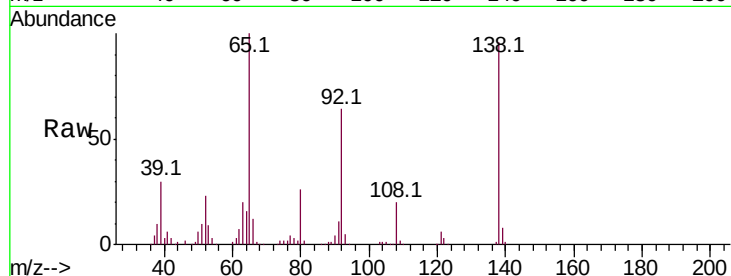
#47
2-Nitroaniline
Concen: 43.070 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.8	55.8	83.6
138	96.1	91.2	136.8

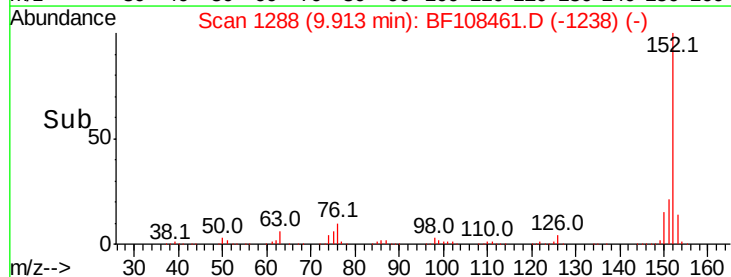
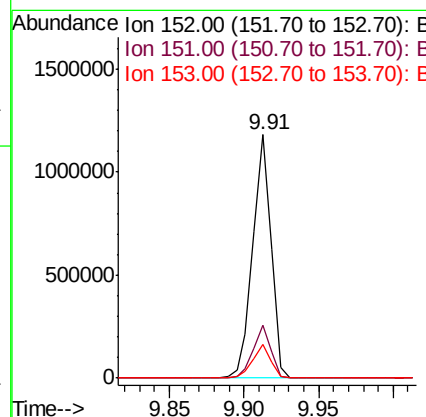
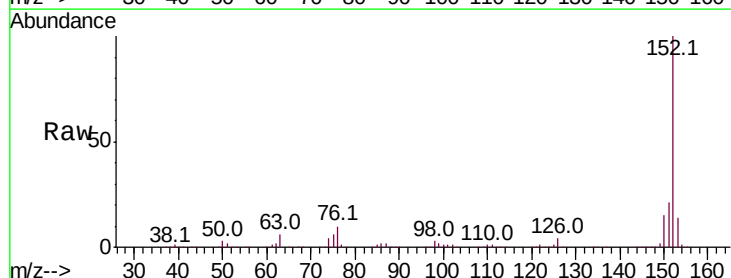
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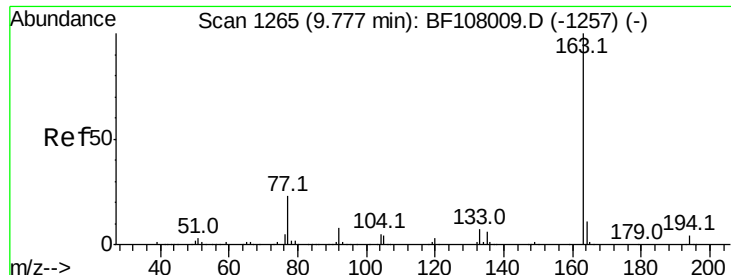
Sohil
8/27/2018 12:56:28 PM



#48
Acenaphthylene
Concen: 41.983 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	13.6	10.7	16.1





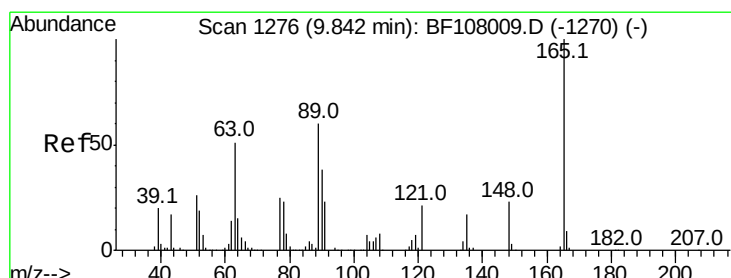
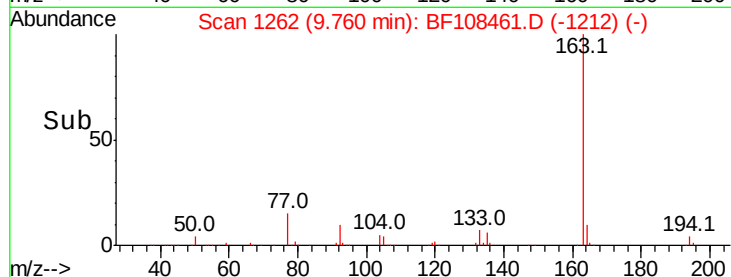
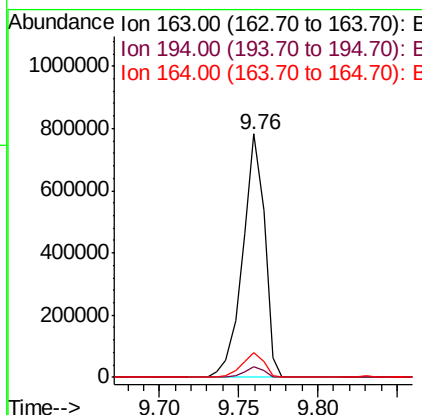
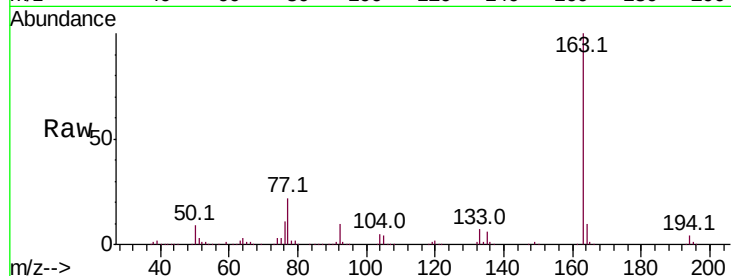
#49
Dimethylphthalate
Concen: 41.210 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1#	
164	10.3	8.2	12.2	

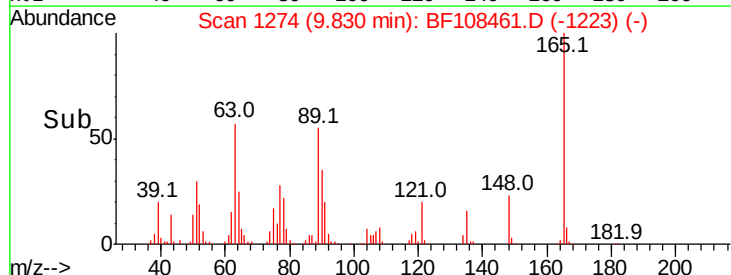
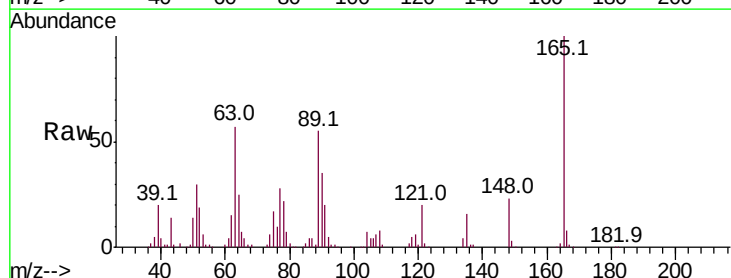
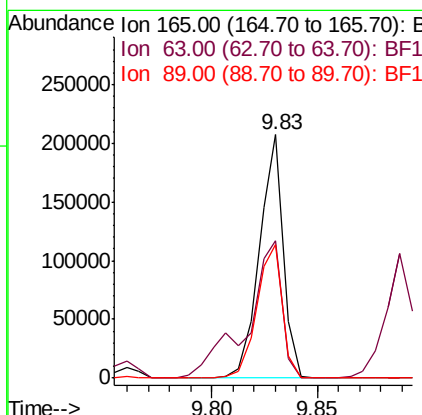
Manual Integrations
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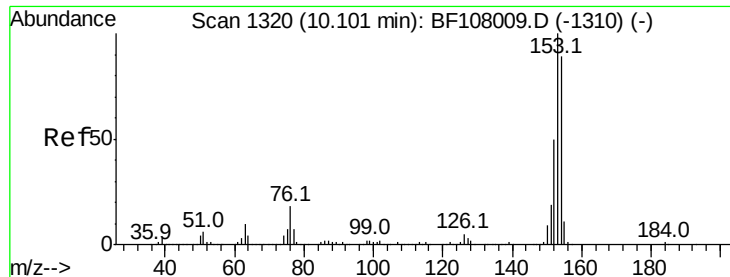
Sohil
8/27/2018 12:56:28 PM



#50
2,6-Dinitrotoluene
Concen: 43.257 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.5	44.7	67.1	
89	55.1	44.0	66.0	





#51

Acenaphthene

Concen: 39.494 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 576827

Ion Ratio Lower Upper

154 100

153 114.9 91.2 136.8

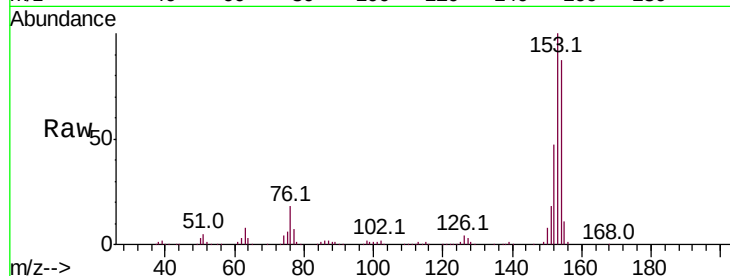
152 54.3 43.8 65.8

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Sohil

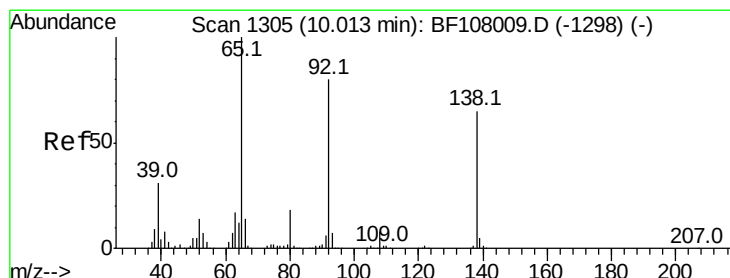
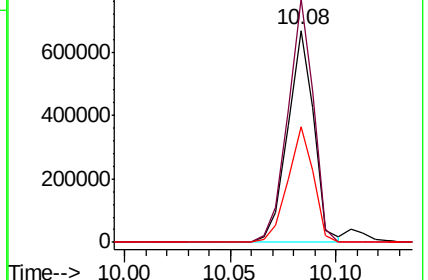
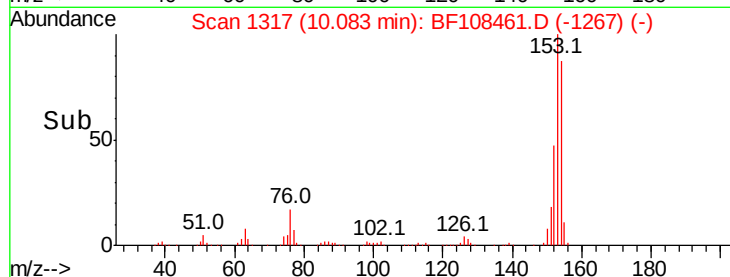
8/27/2018 12:56:28 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.115 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

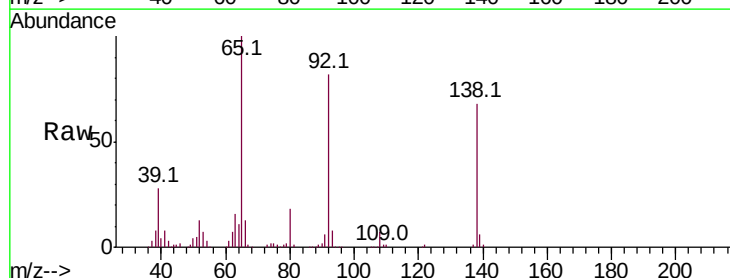
Tgt Ion:138 Resp: 173824

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

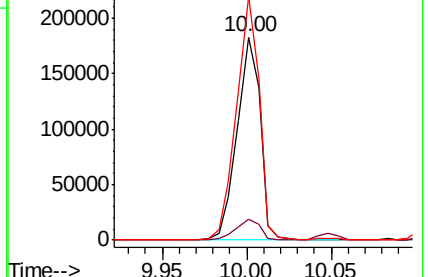
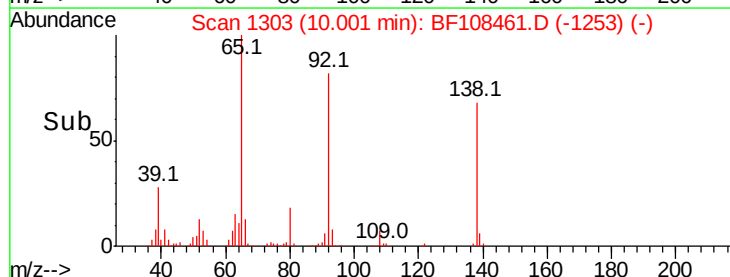
92 120.1 89.4 134.2

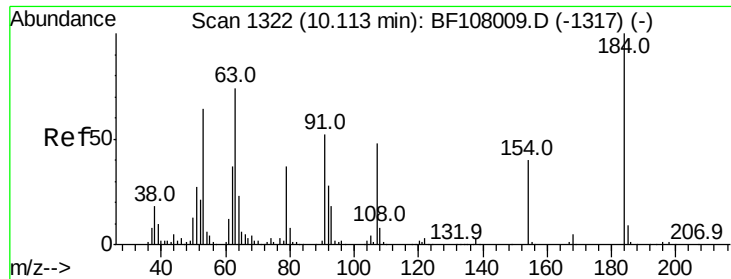


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





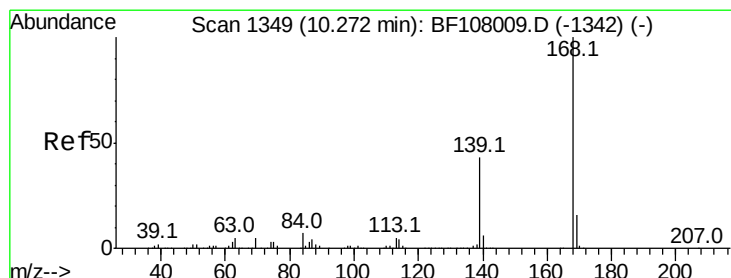
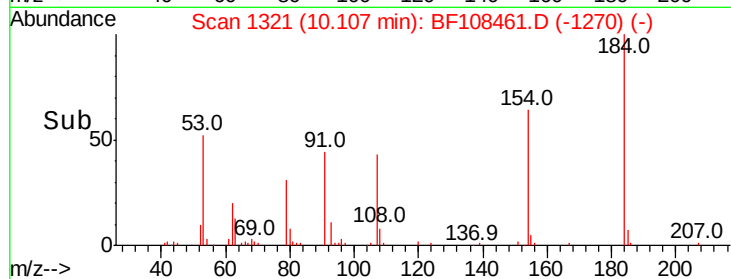
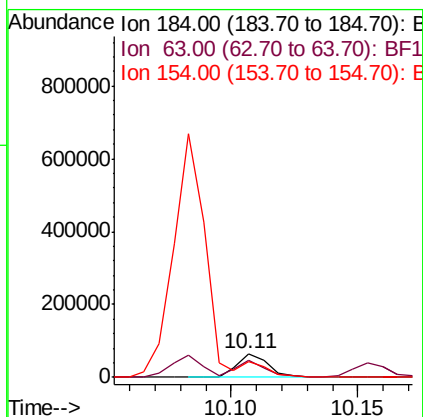
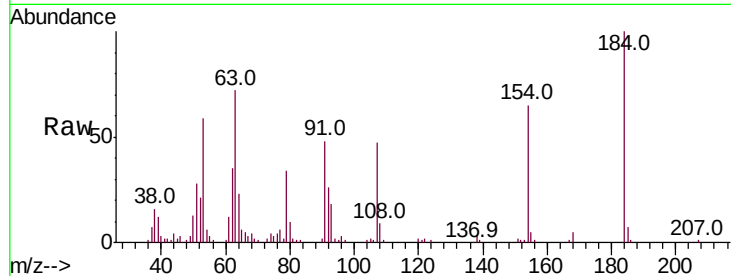
#53
 2,4-Dinitrophenol
 Concen: 43.479 ng
 RT: 10.11 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.2	54.2	81.2
154	64.8	184.0	276.0#

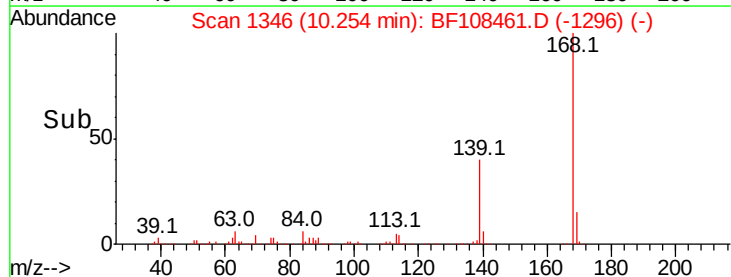
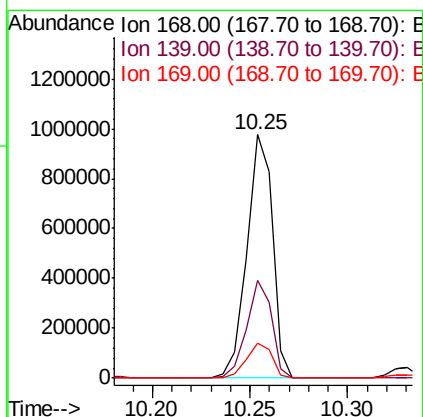
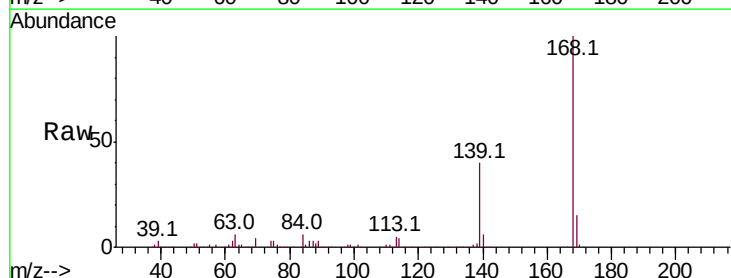
Manual Integrations
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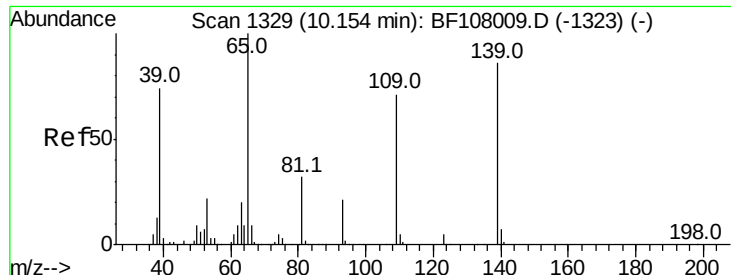
Sohil
 8/27/2018 12:56:28 PM



#54
 Dibenzofuran
 Concen: 42.024 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.1	45.1
169	14.5	10.9	16.3





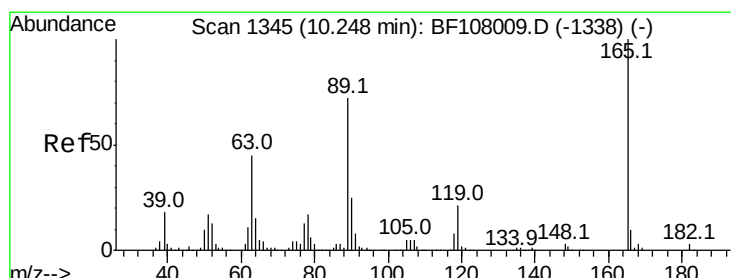
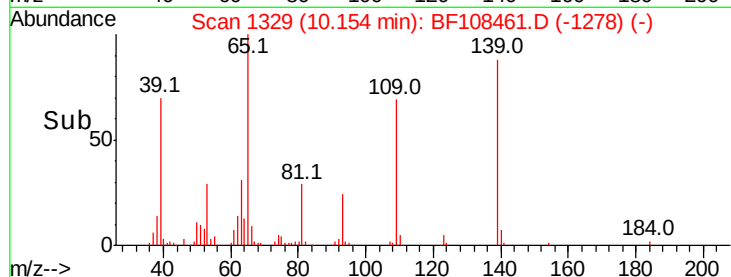
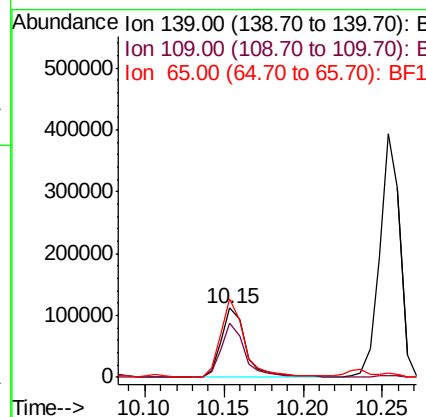
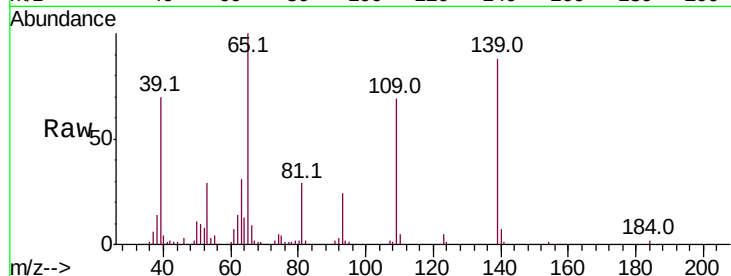
#55
4-Nitrophenol
Concen: 39.044 ng
RT: 10.15 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	122031		
109	78.3	48.4	88.4	
65	113.7	72.6	112.6	

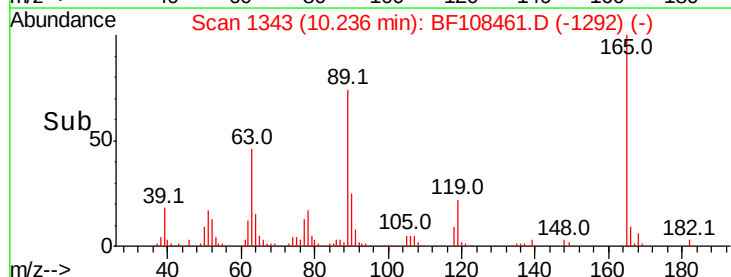
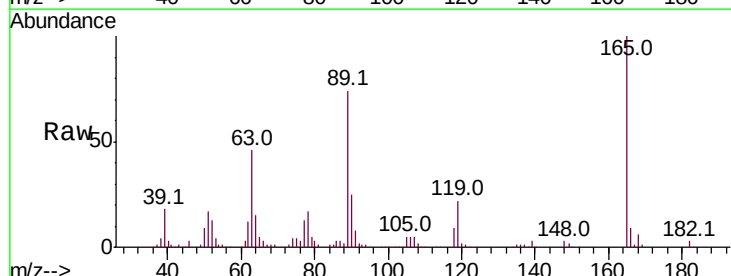
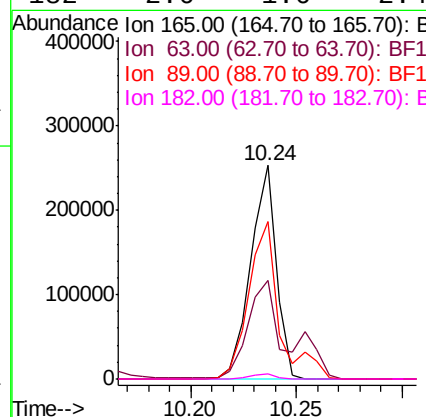
Manual Integrations
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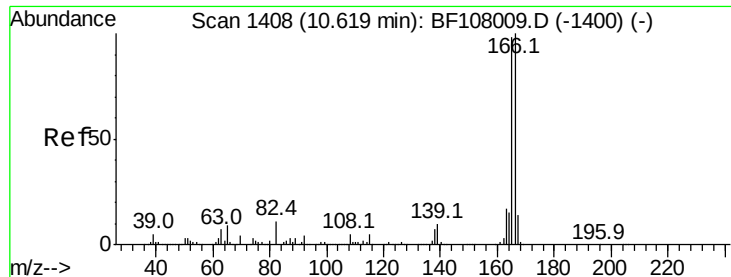
Sohil
8/27/2018 12:56:28 PM



#56
2,4-Dinitrotoluene
Concen: 44.244 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	214832		
63	46.1	36.4	54.6	
89	73.6	57.8	86.6	
182	2.6	1.6	2.4	





#57

Fluorene

Concen: 42.244 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:166 Resp: 707609

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

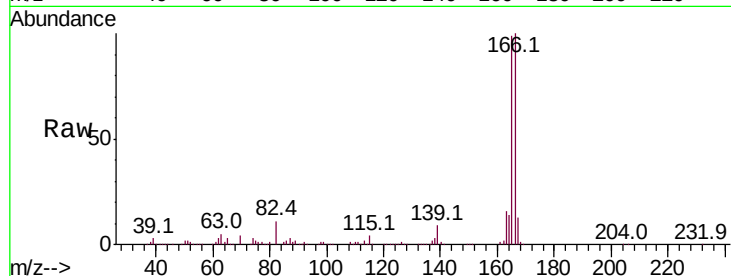
167 13.4 10.6 16.0

Manual Integrations

APPROVED

Sohil

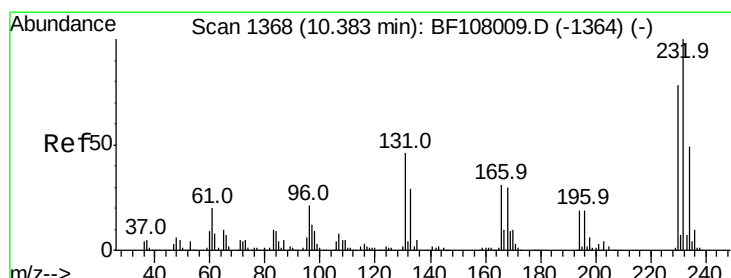
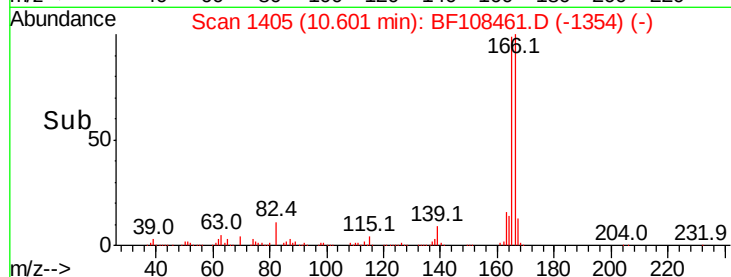
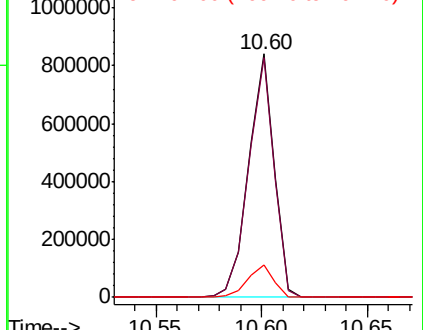
8/27/2018 12:56:28 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.111 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Tgt Ion:232 Resp: 195655

Ion Ratio Lower Upper

232 100

131 42.8 43.8 65.8#

130 2.1 2.1 3.1

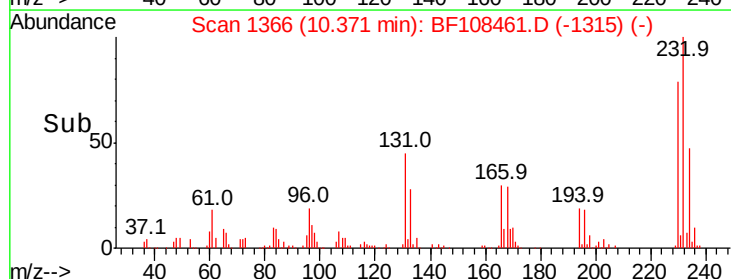
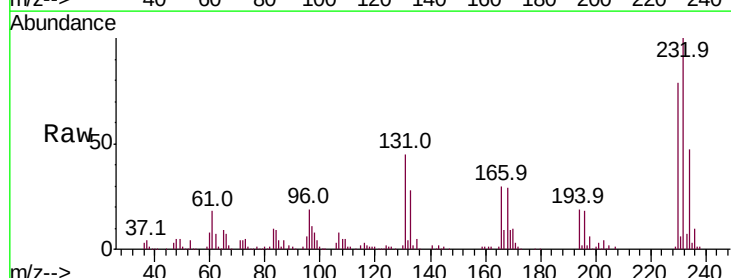
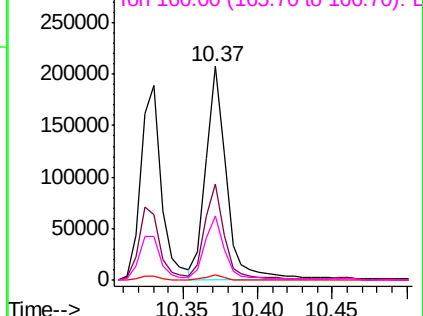
166 29.0 27.8 41.6

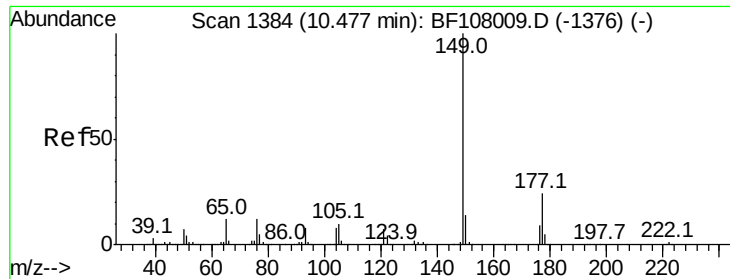
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.640 ng

RT: 10.46 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

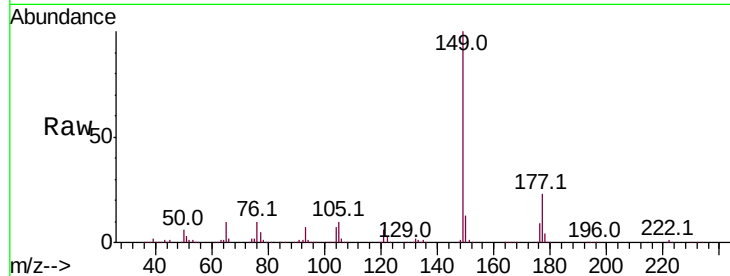
ClientSampleId :

SSTDCCC040

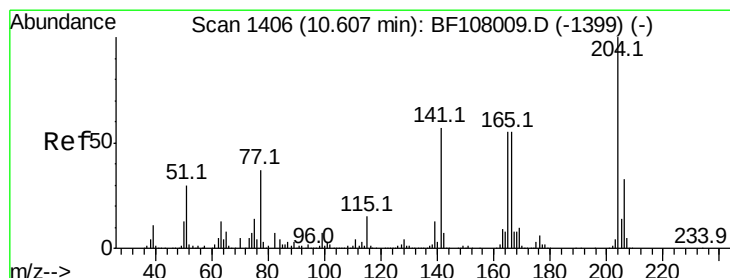
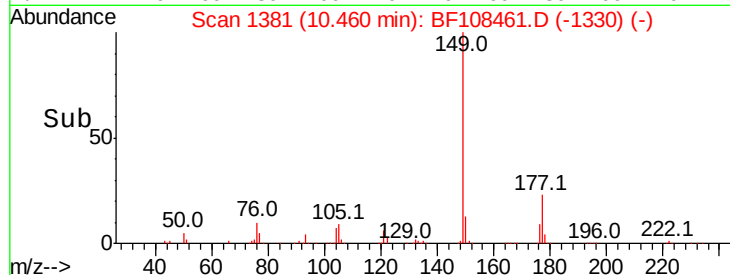
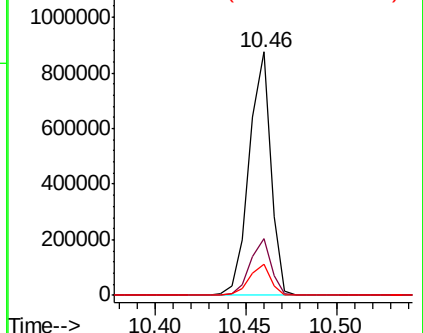
Tot Ion:	149	Resp:	727003
Ion Ratio	Lower	Upper	
149	100		
177	23.4	16.1	24.1
150	13.0	10.1	15.1

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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: 41.531 ng

RT: 10.58 min Scan# 1402

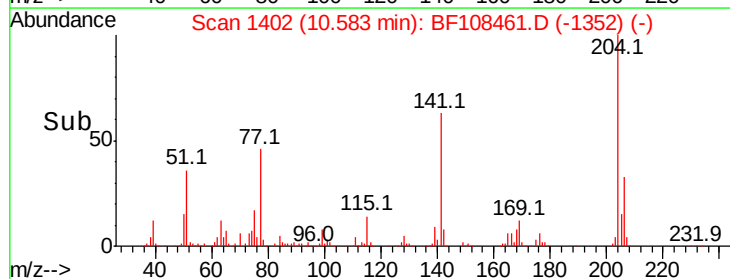
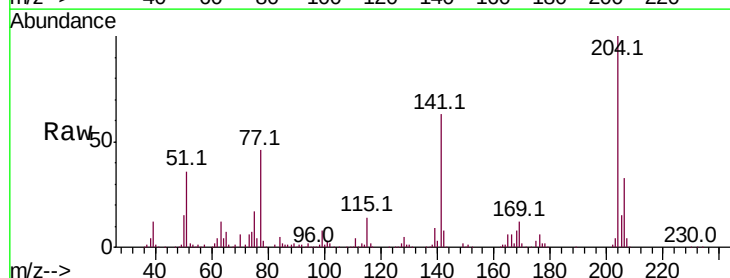
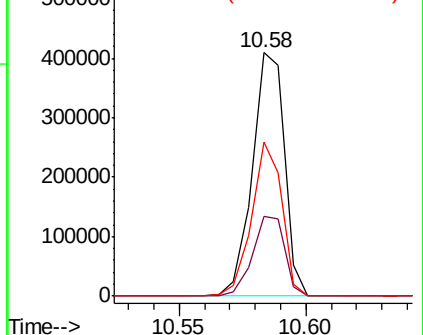
Delta R.T. -0.01 min

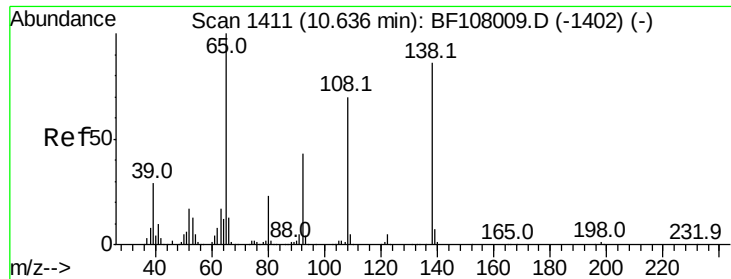
Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Tgt Ion:	204	Resp:	362497
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.5	39.7
141	63.2	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





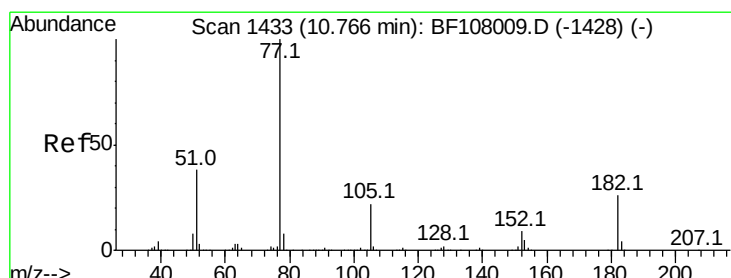
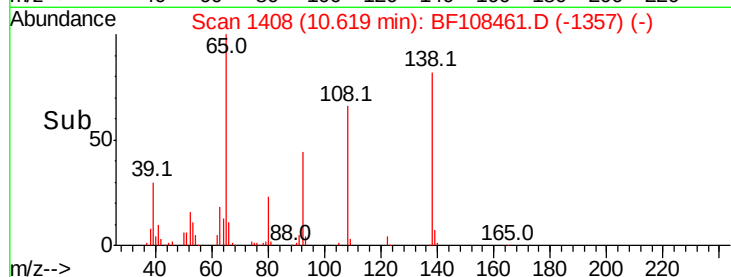
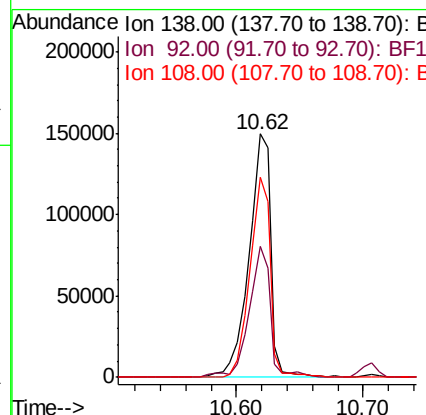
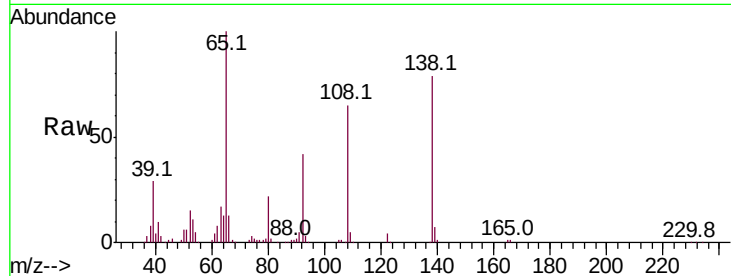
#61
4-Nitroaniline
Concen: 43.886 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.5	30.2	70.2
108	82.1	52.5	92.5

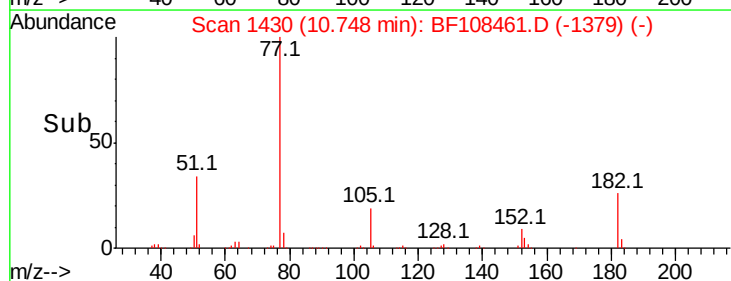
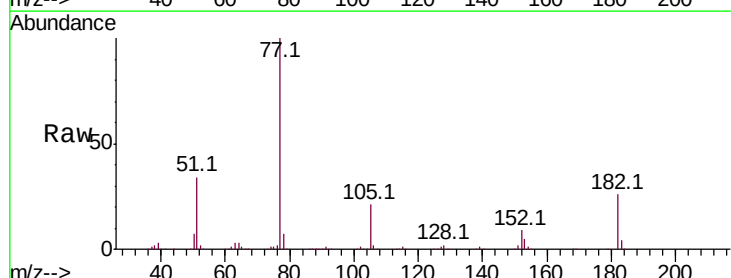
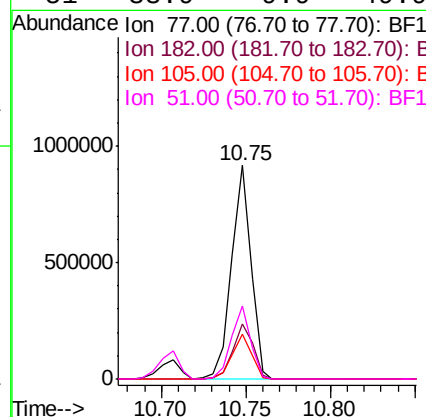
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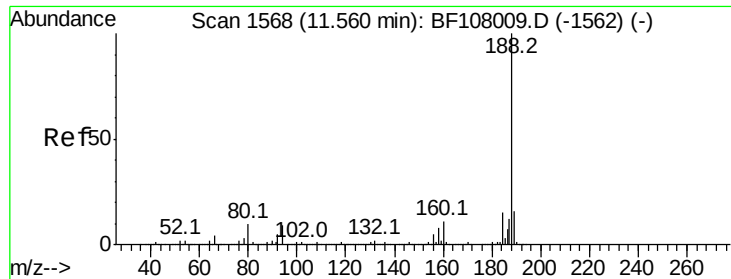
Sohil
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#62
Azobenzene
Concen: 40.692 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	1.7	41.7
105	20.9	3.0	43.0
51	33.9	9.9	49.9





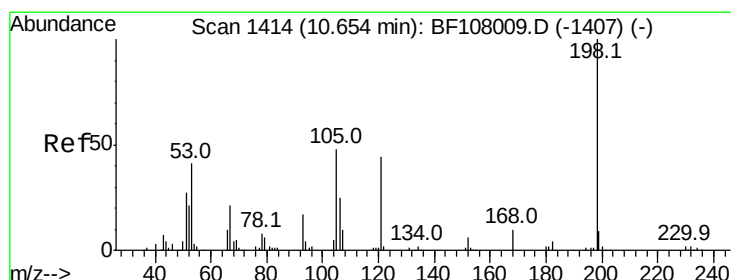
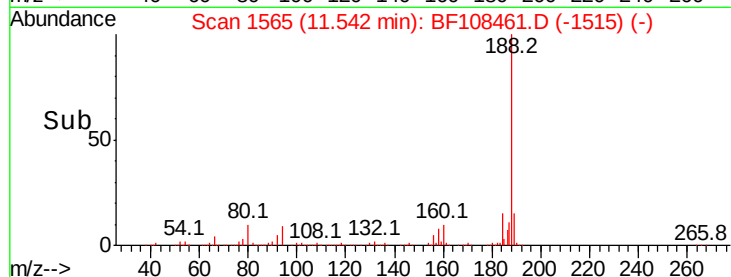
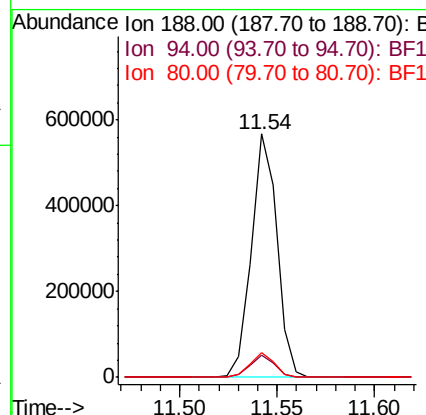
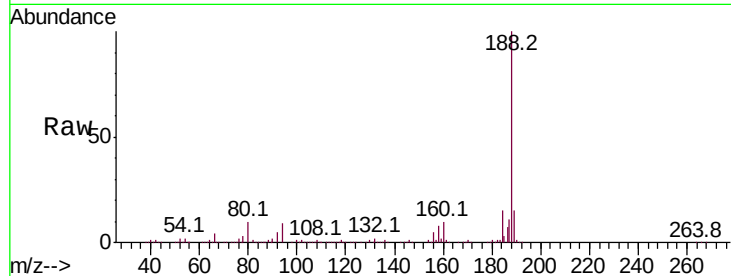
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	515034		
94	9.3	8.5	12.7	
80	10.0	9.2	13.8	

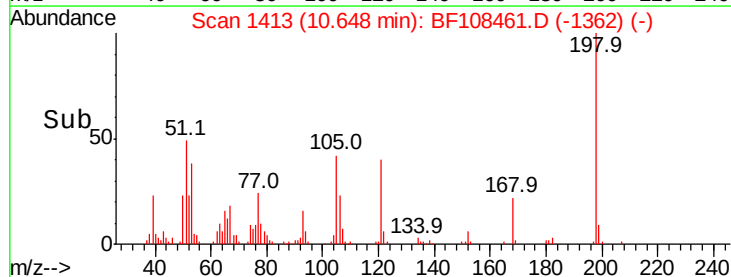
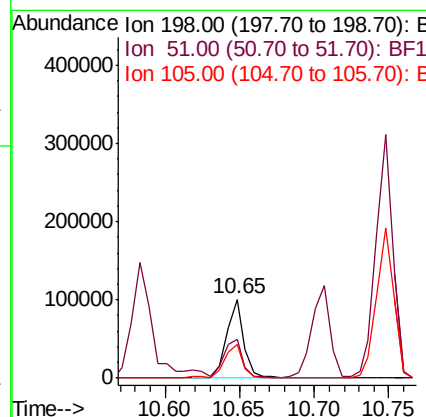
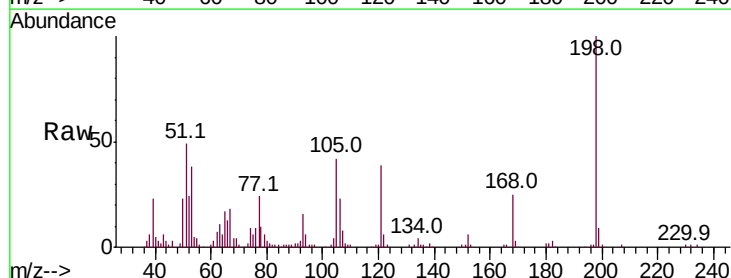
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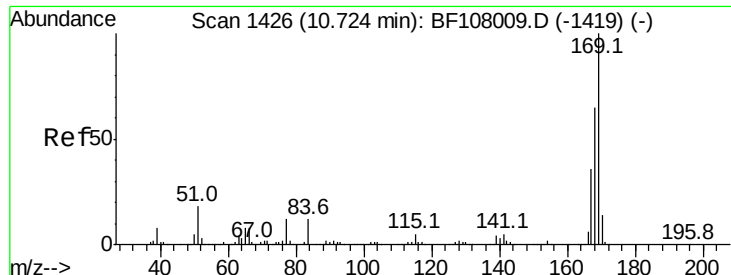
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.919 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	81755		
51	48.9	37.7	77.7	
105	42.2	36.3	76.3	





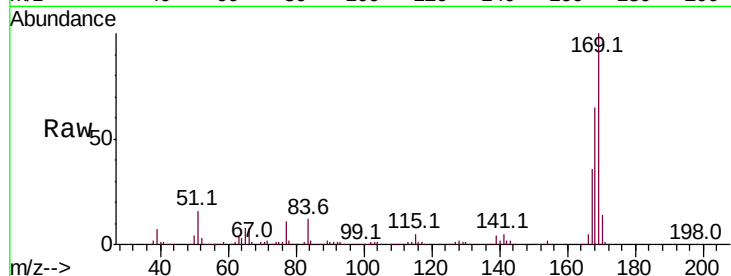
#65
n-Nitrosodiphenylamine
Concen: 41.212 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.2	54.4	81.6
167	36.2	29.8	44.6

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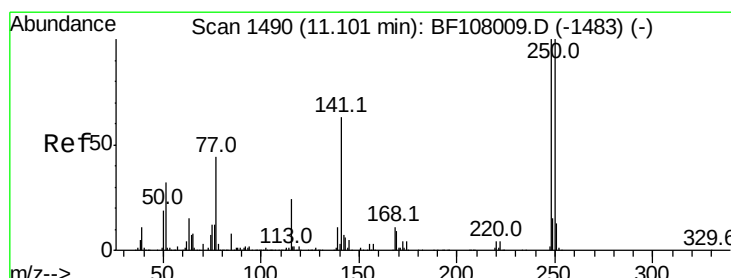
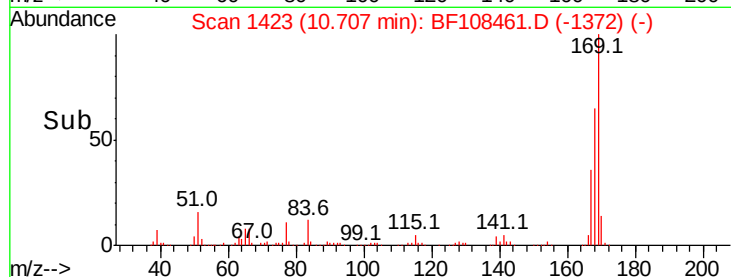
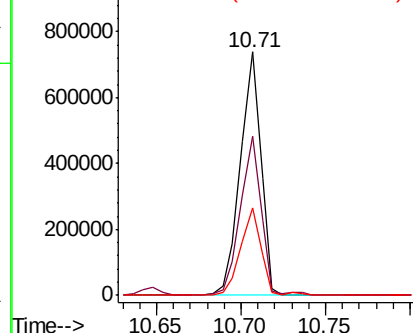


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 42.414 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

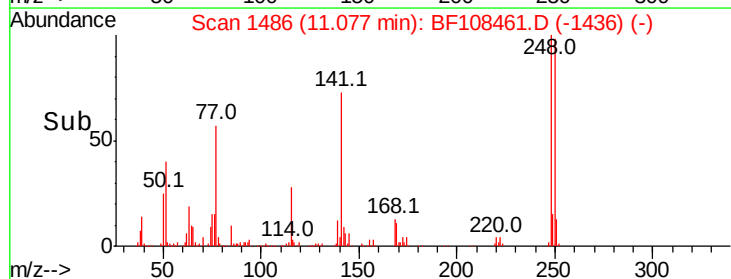
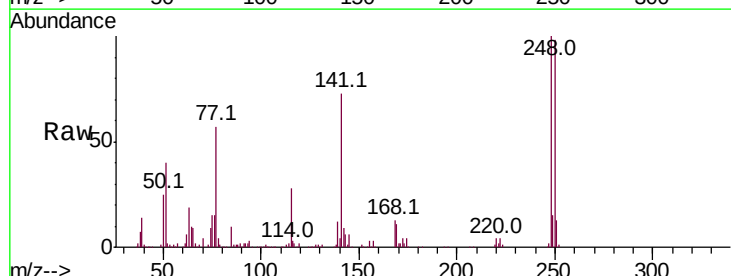
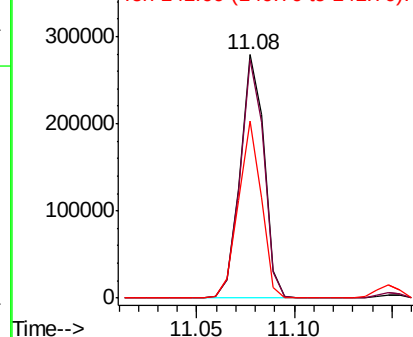
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	72.6	74.4	111.6

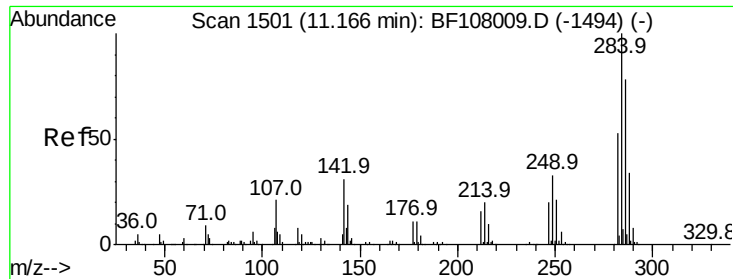
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





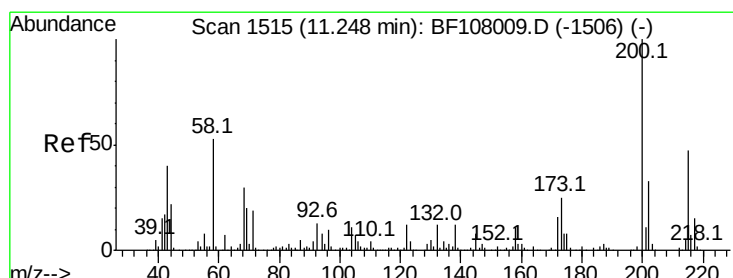
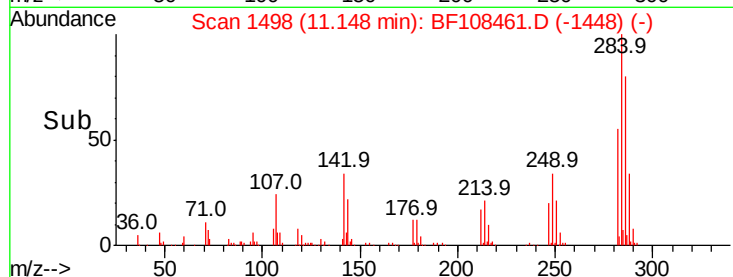
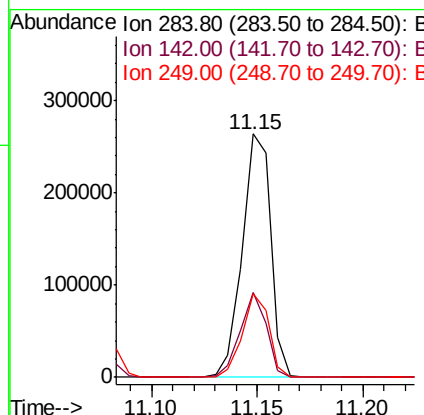
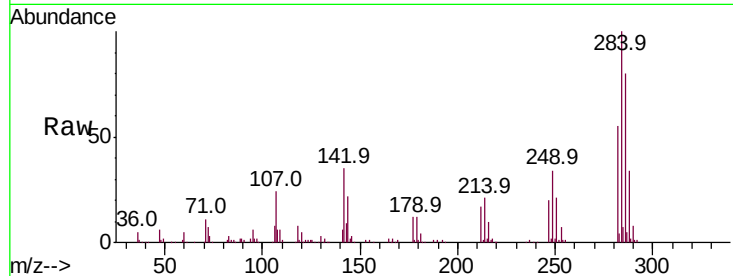
#67
Hexachlorobenzene
Concen: 41.877 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	246615		
142	34.8		34.6	52.0
249	34.3		24.8	37.2

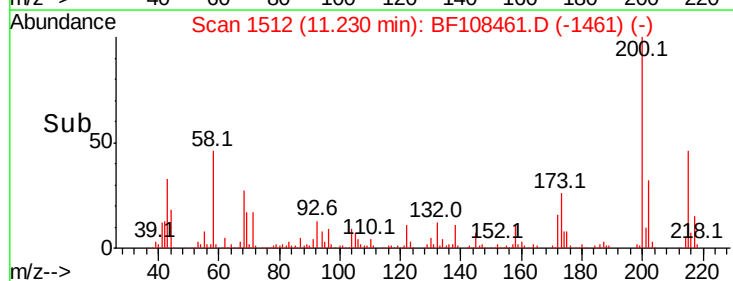
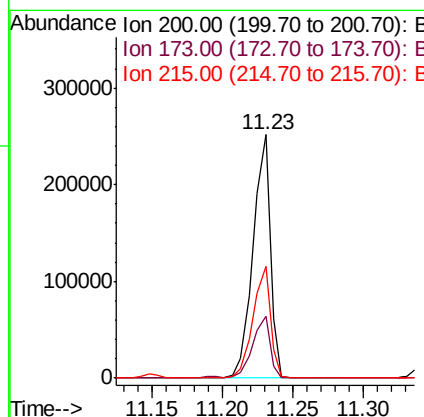
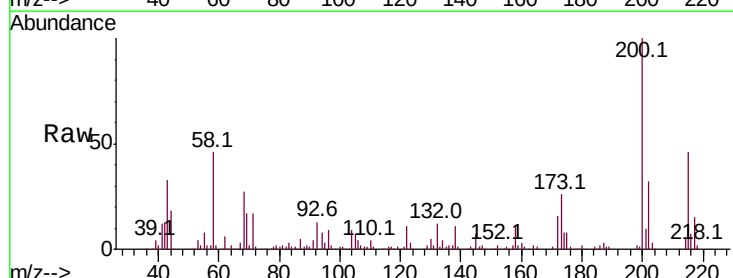
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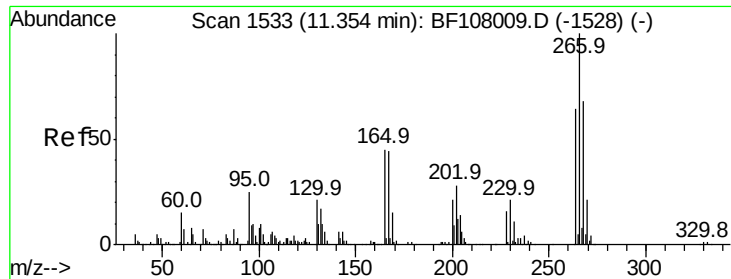
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#68
Atrazine
Concen: 42.813 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	218550		
173	25.7		8.6	48.6
215	46.0		25.1	65.1





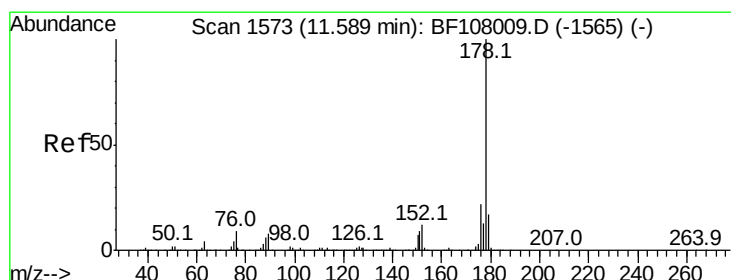
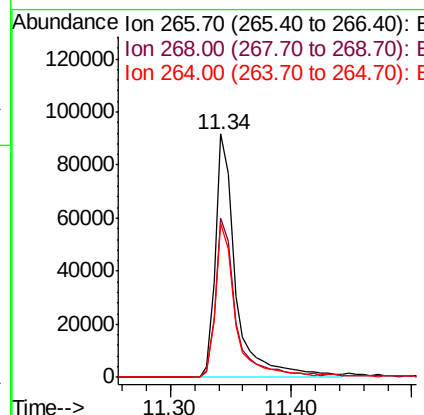
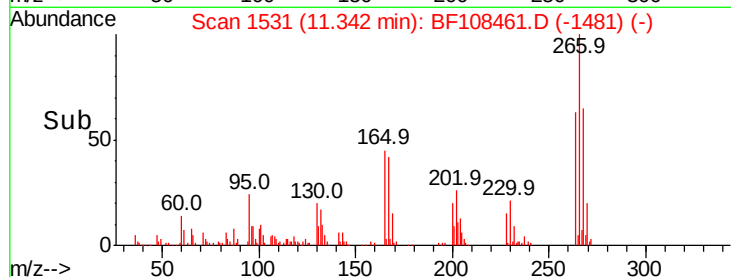
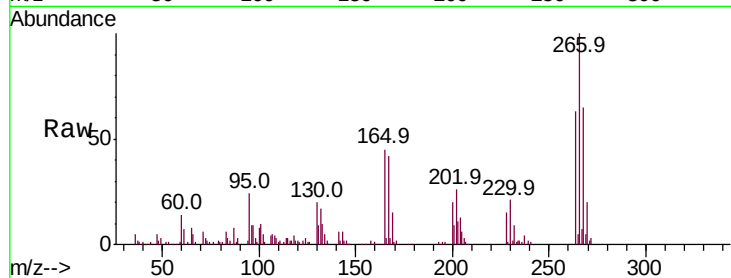
#69
 Pentachlorophenol
 Concen: 38.127 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	65.3	51.1	76.7	
264	63.2	49.5	74.3	

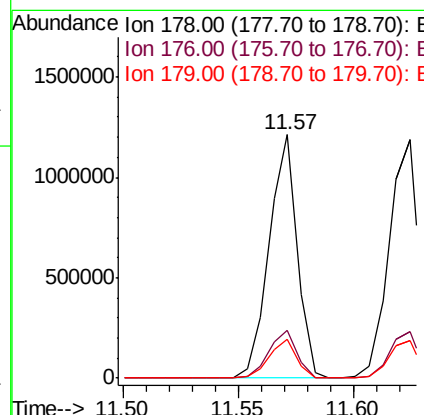
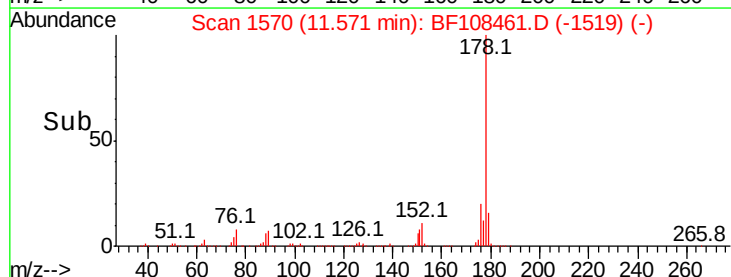
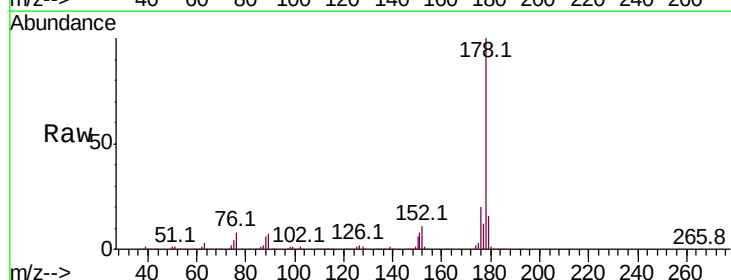
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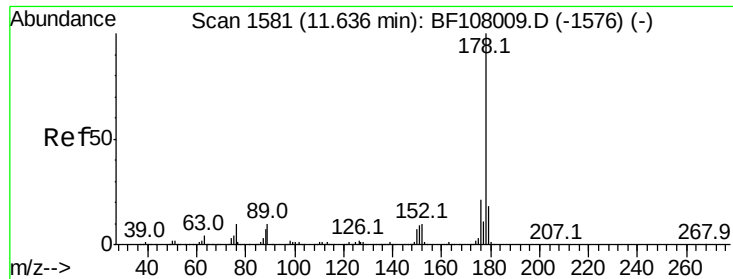
Sohil
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#70
 Phenanthrene
 Concen: 42.206 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.9	15.8	23.8	
179	15.8	13.0	19.6	





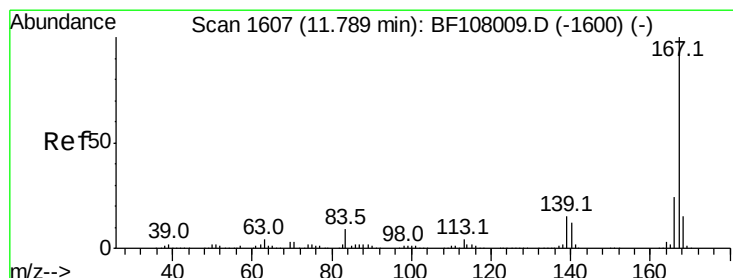
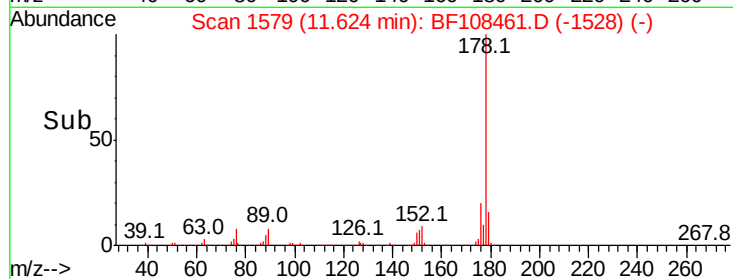
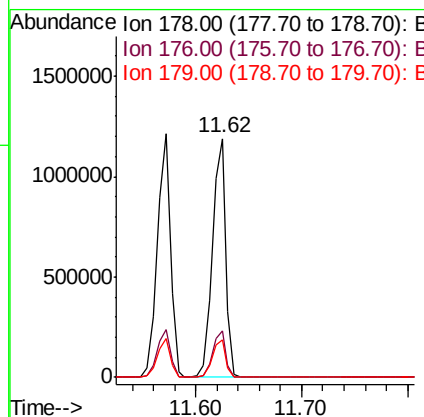
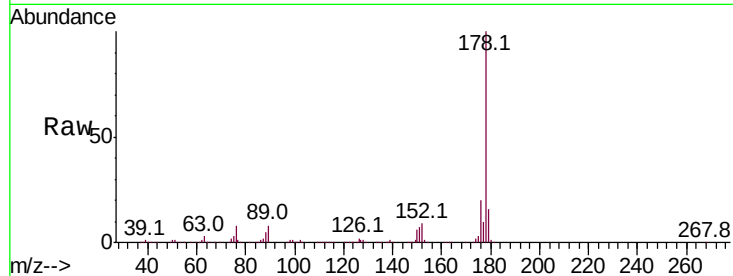
#71
 Anthracene
 Concen: 42.495 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.7	12.6	19.0

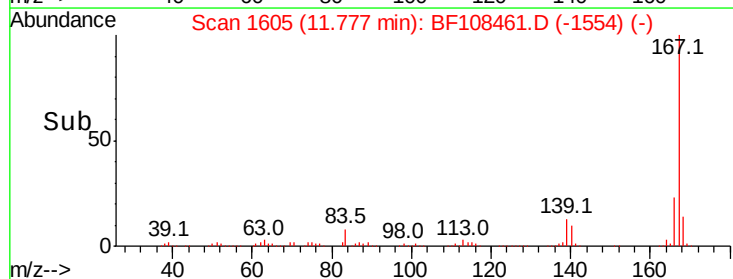
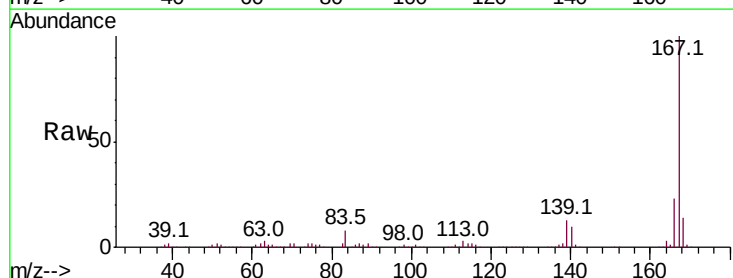
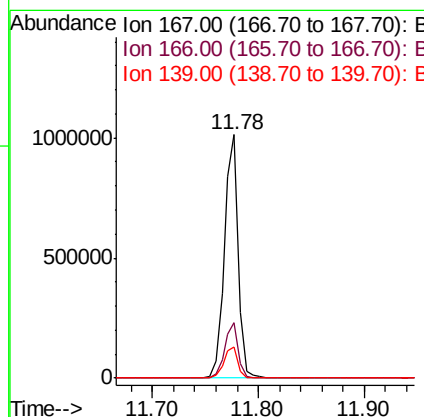
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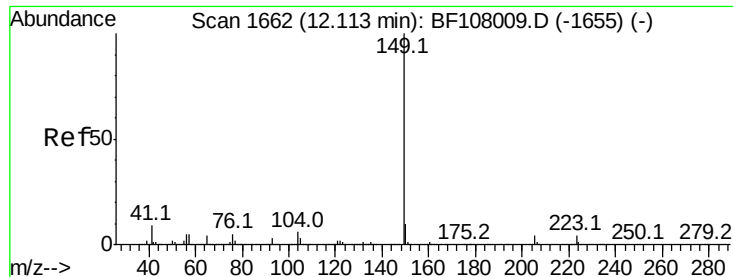
Sohil
 8/27/2018 12:56:28 PM



#72
 Carbazole
 Concen: 41.824 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.961 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

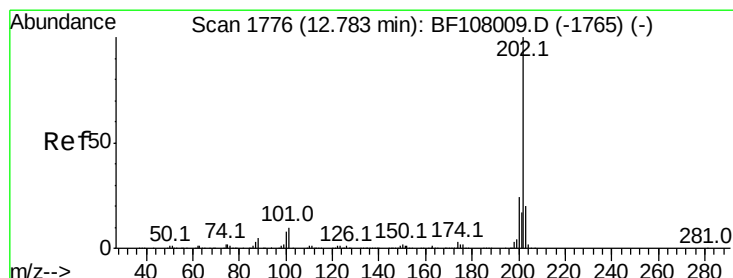
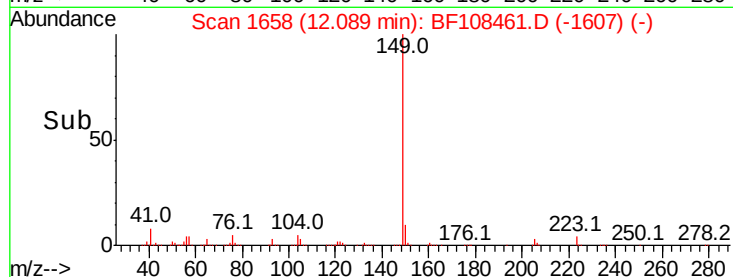
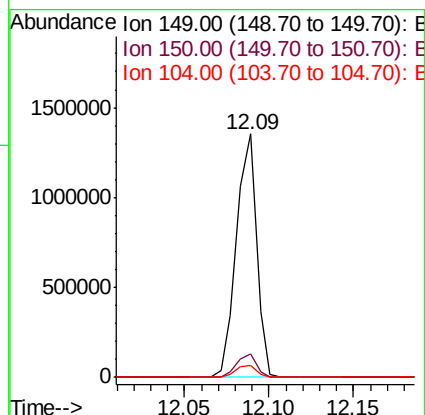
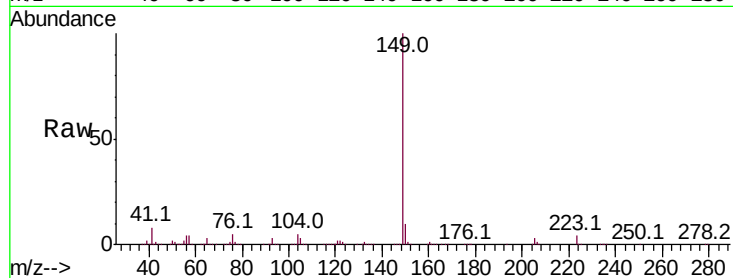
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	1126547
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.0	3.8	5.8

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#74

Fluoranthene

Concen: 42.024 ng

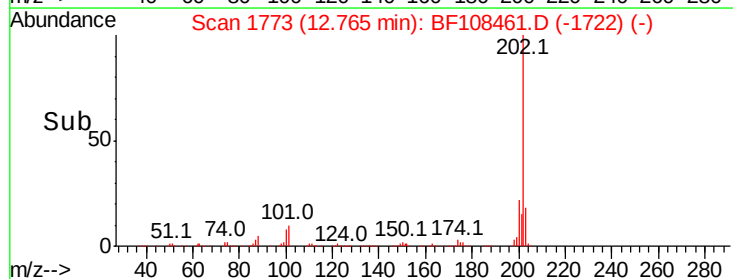
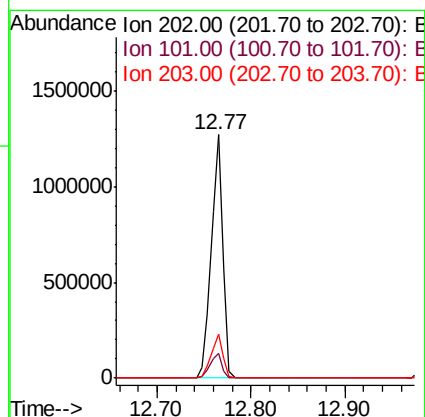
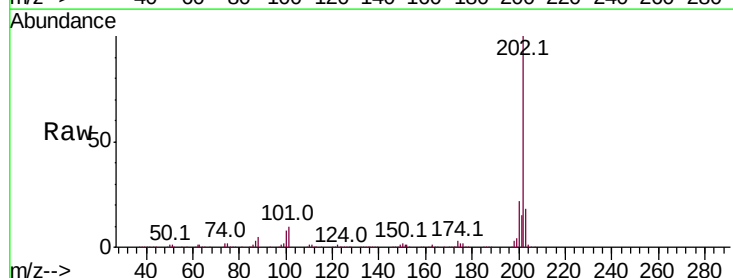
RT: 12.77 min Scan# 1773

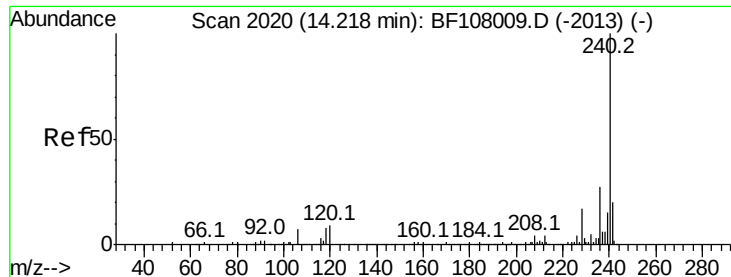
Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Tgt Ion:	202	Resp:	1114152
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

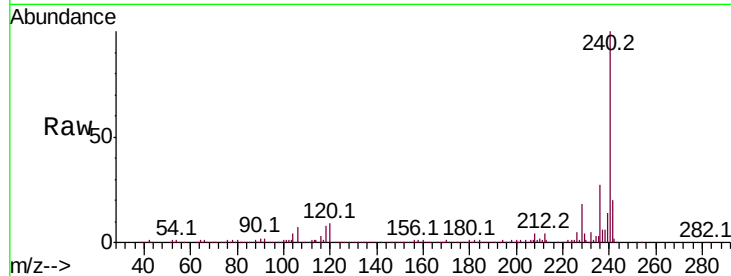
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	26.6	20.7	31.1

Manual Integrations
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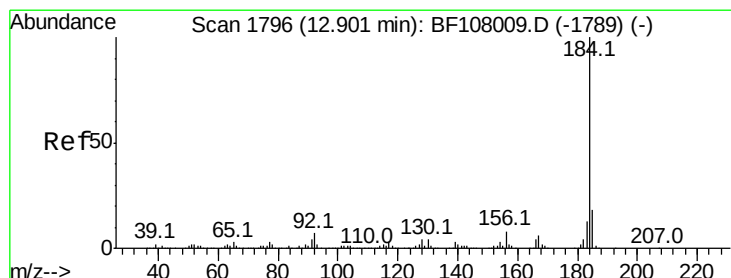
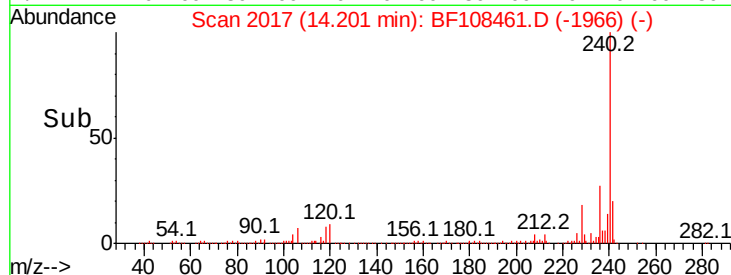
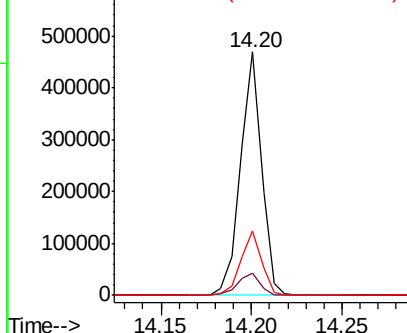


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.294 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

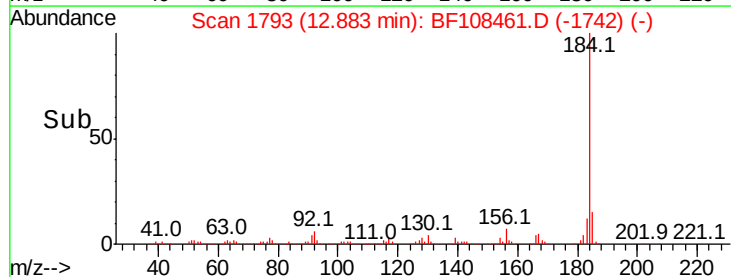
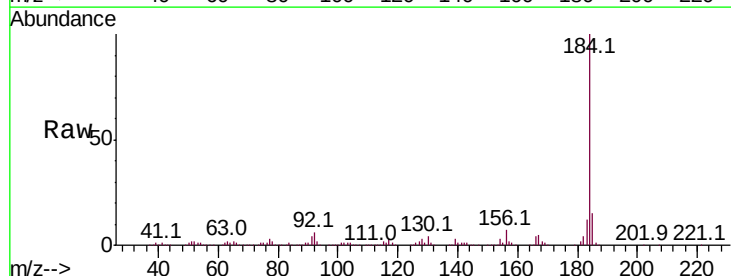
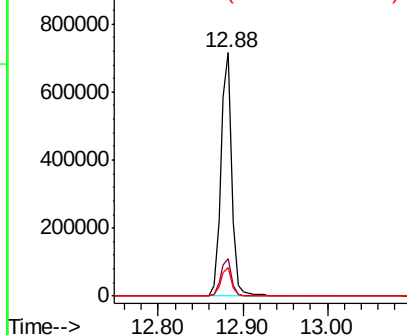
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.9	9.3	13.9

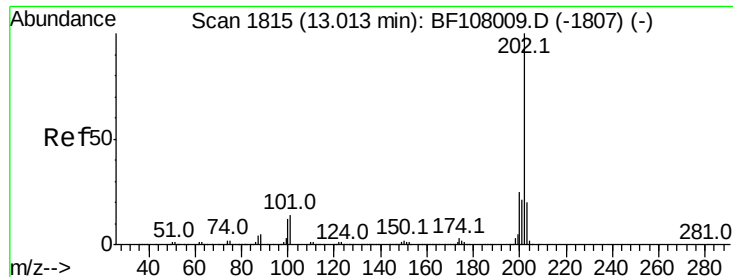
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





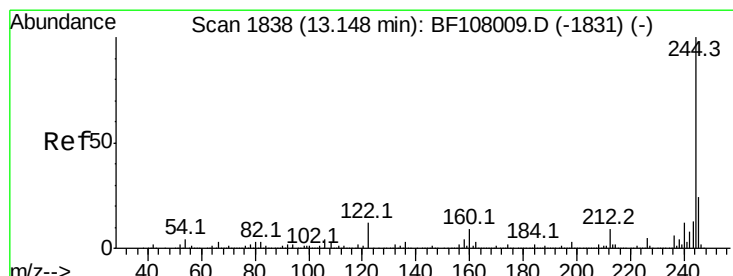
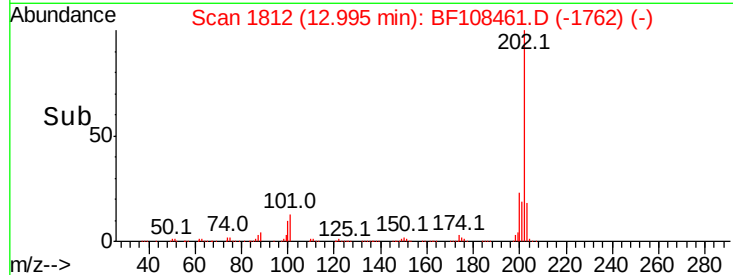
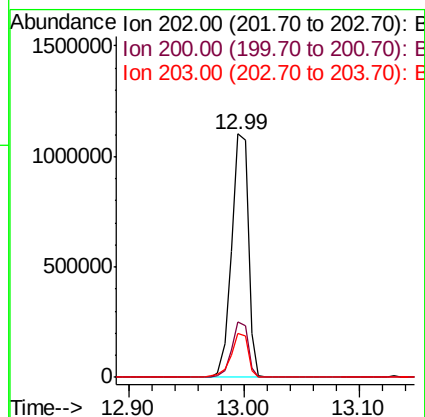
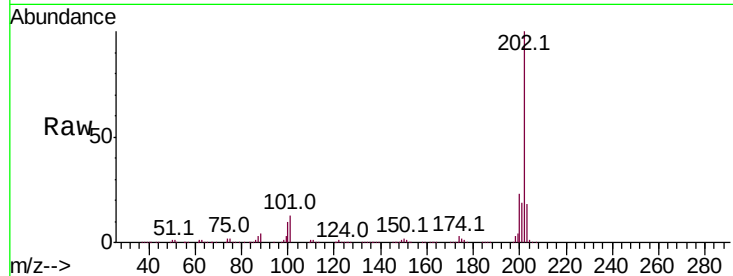
#77
Pvrene
Concen: 46.299 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	18.2	14.3	21.5

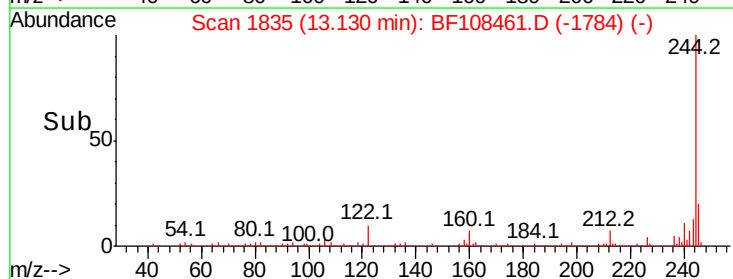
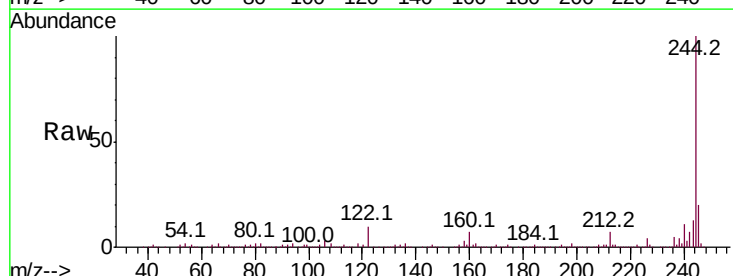
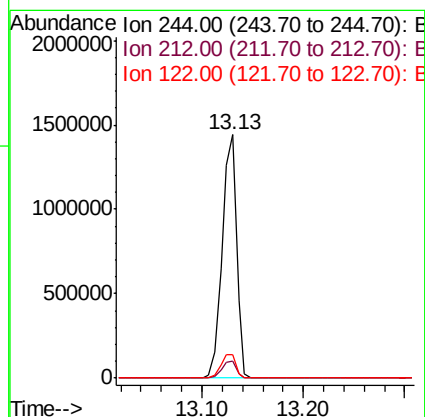
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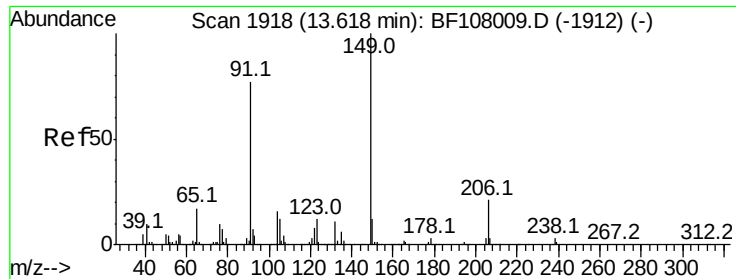
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#78
Terphenyl-d14
Concen: 95.289 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.6	11.0	16.4





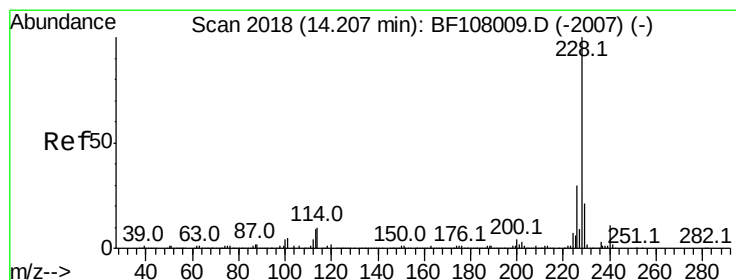
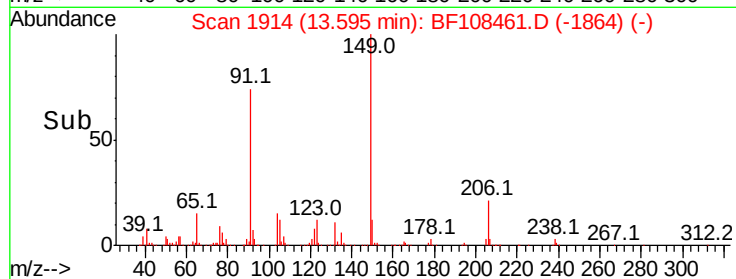
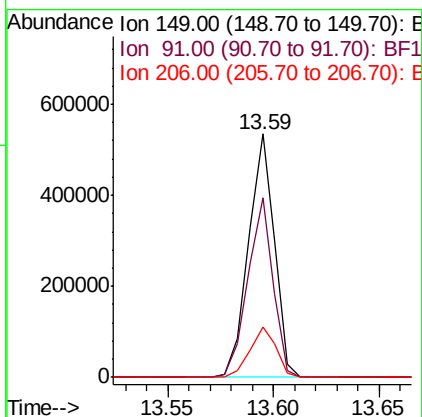
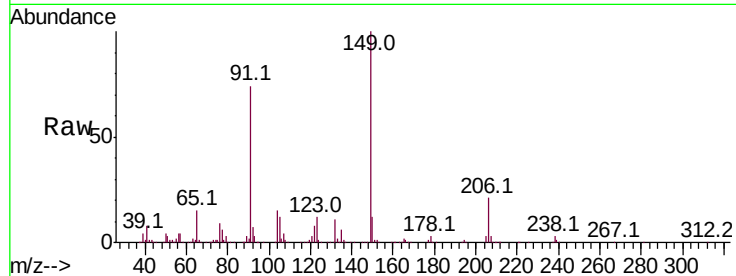
#79
Butylbenzylphthalate
Concen: 47.840 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.6	56.8	85.2
206	20.9	14.1	21.1

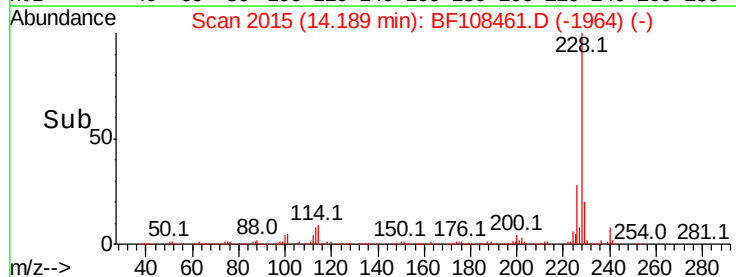
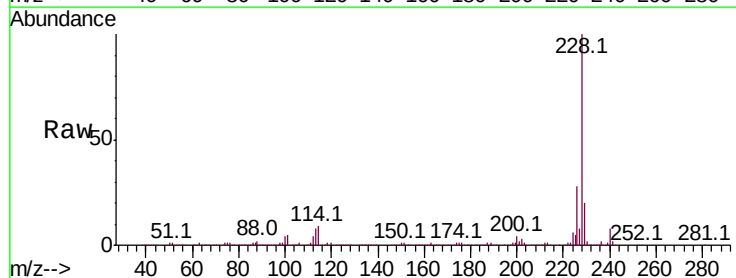
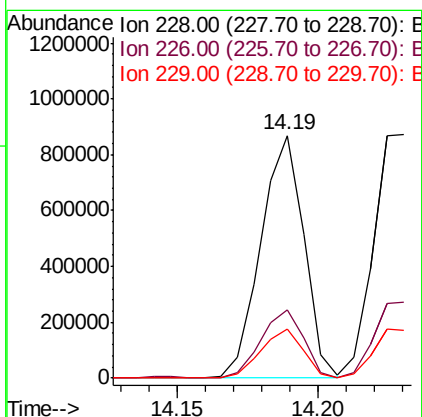
Manual Integrations
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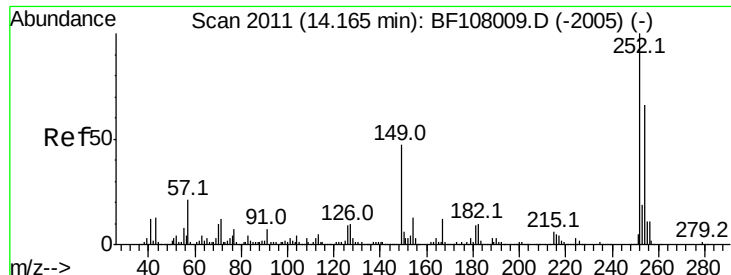
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#80
Benzo(a)anthracene
Concen: 42.304 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.4	15.8	23.6





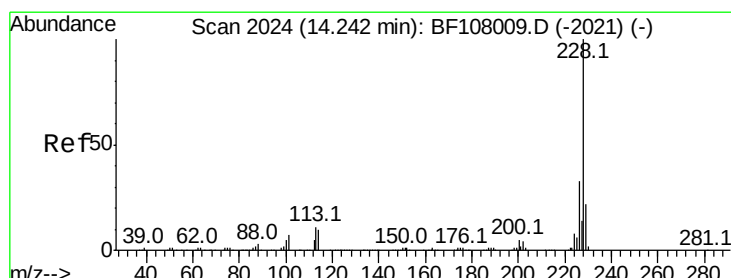
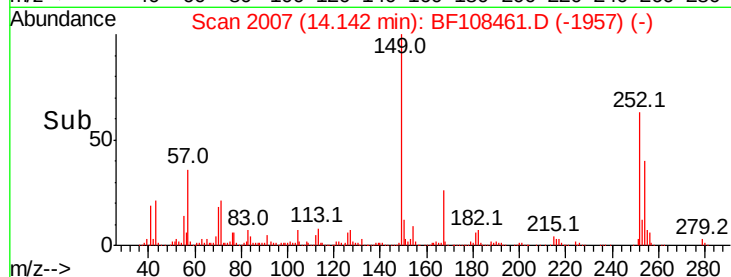
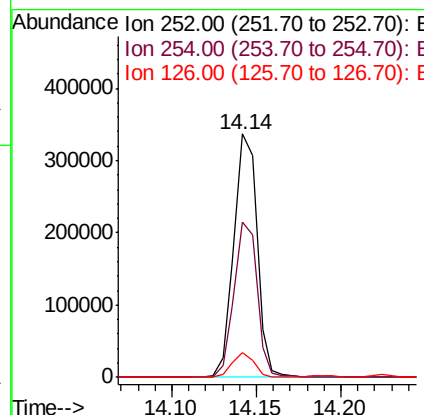
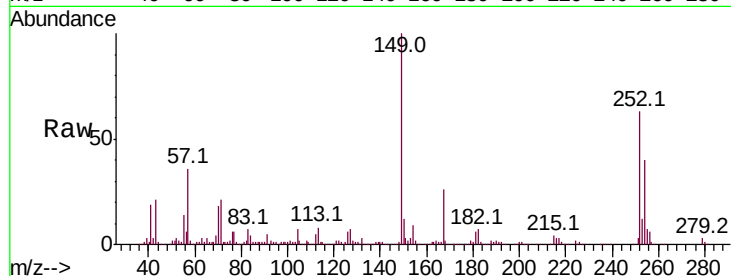
#81
 3,3'-Dichlorobenzidine
 Concen: 41.463 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	323183		
254	63.7	50.4	75.6	
126	10.3	11.3	16.9	

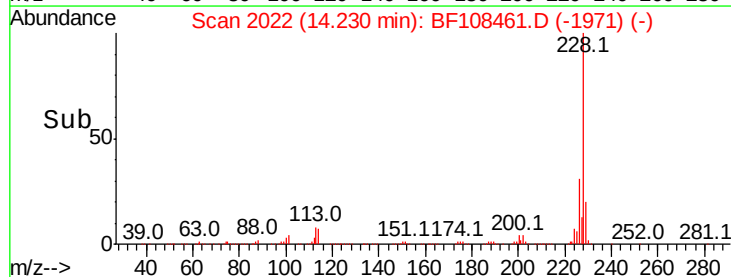
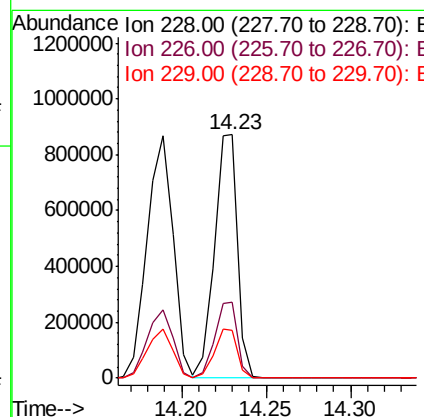
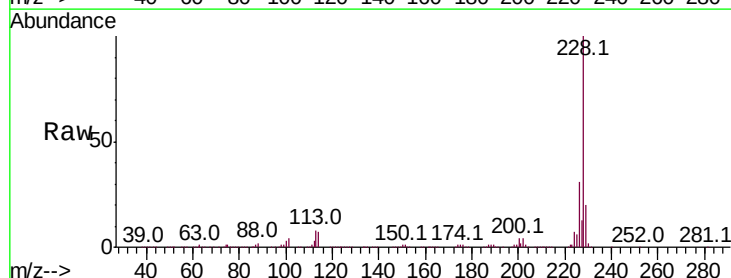
Manual Integrations
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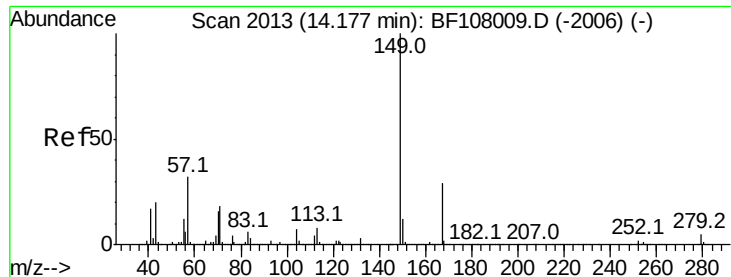
Sohil
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#82
 Chrysene
 Concen: 41.920 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF108461.D
 Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	835891		
226	31.1	25.0	37.6	
229	19.6	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.465 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

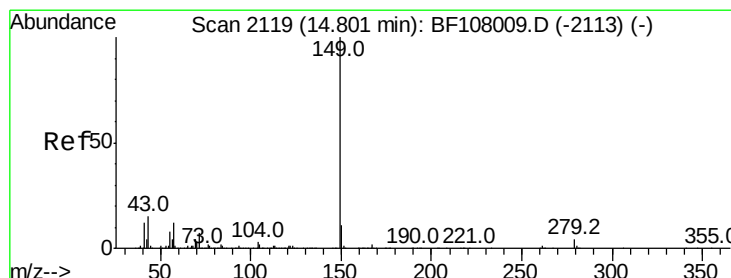
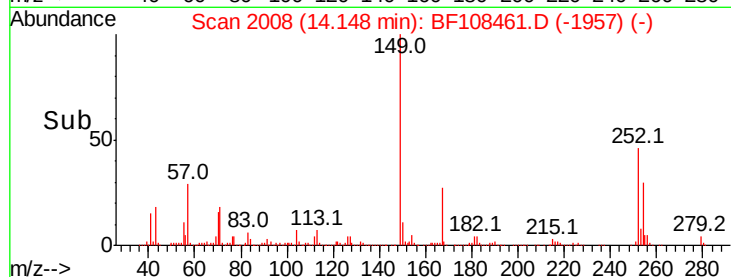
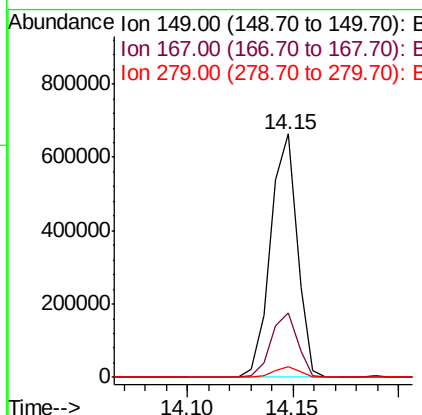
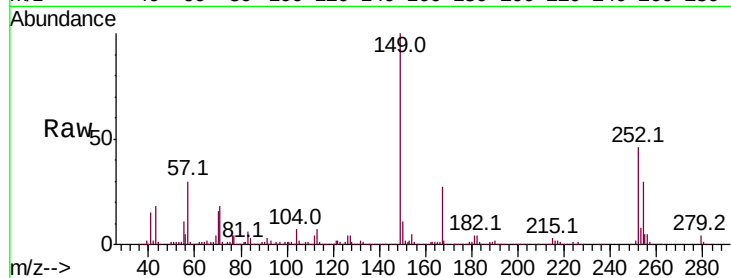
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	586593
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.3	31.9
279	4.5	3.0	4.4#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 45.923 ng

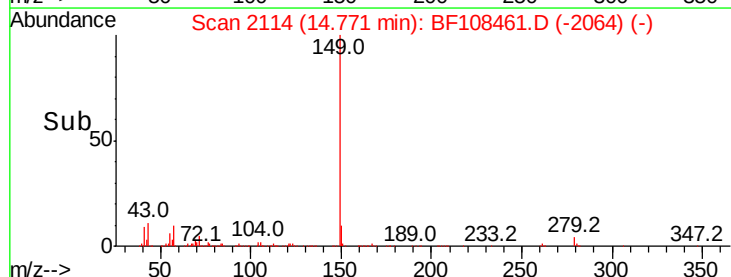
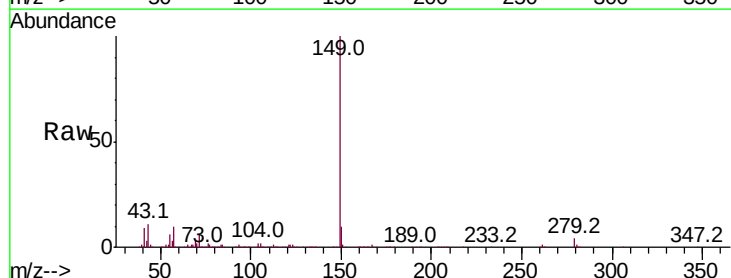
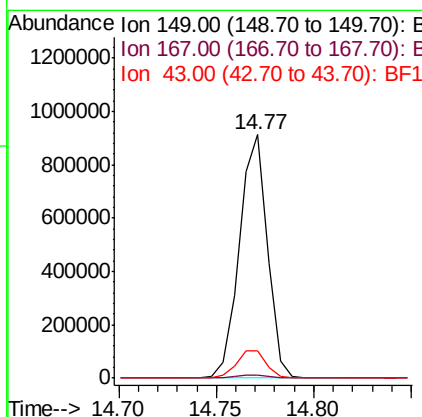
RT: 14.77 min Scan# 2114

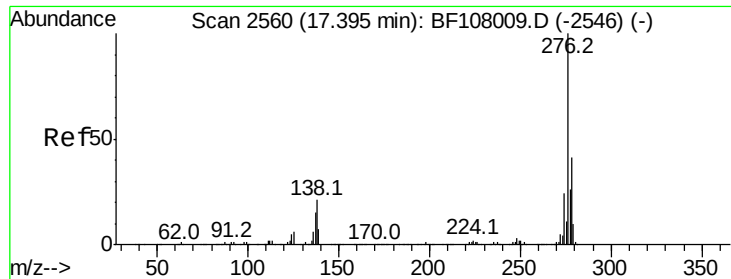
Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Tgt Ion:	149	Resp:	903618
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.8	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.929 ng

RT: 17.37 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

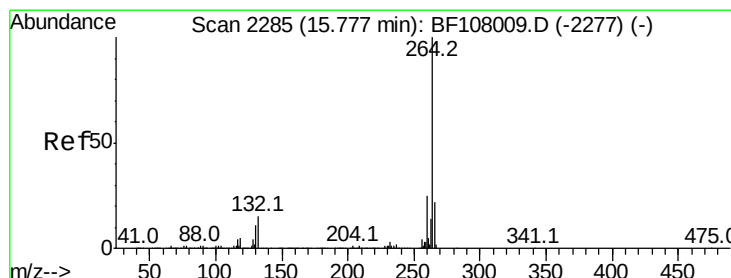
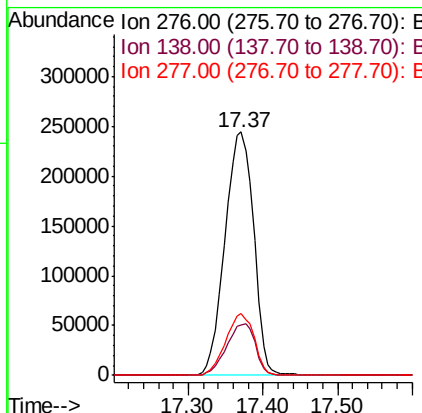
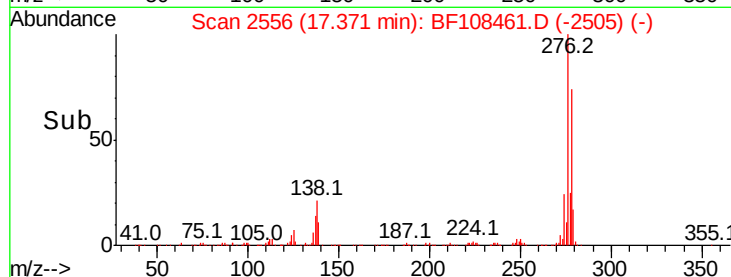
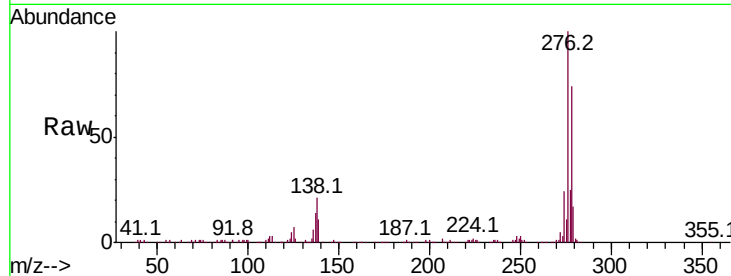
ClientSampleId :

SSTDCCC040

Tot Ion:	276	Resp:	655313
Ion Ratio	Lower	Upper	
276	100		
138	21.2	25.0	37.6#
277	25.1	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

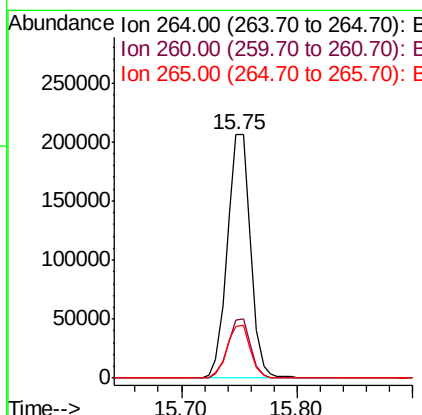
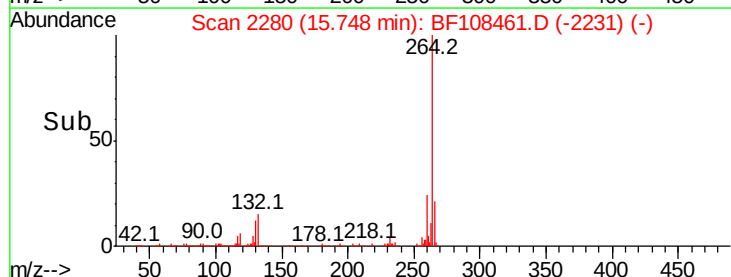
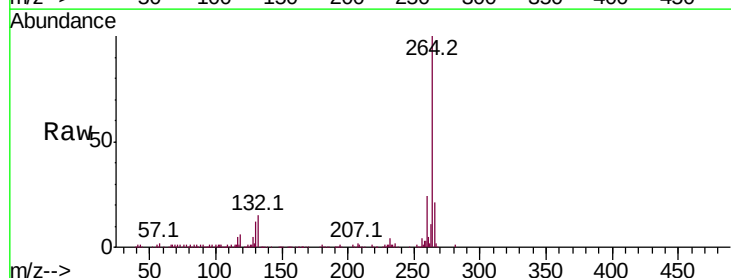
RT: 15.75 min Scan# 2280

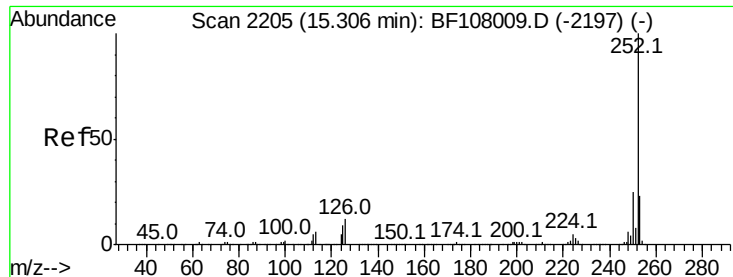
Delta R.T. -0.01 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Tgt Ion:	264	Resp:	286516
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.3	17.5	26.3





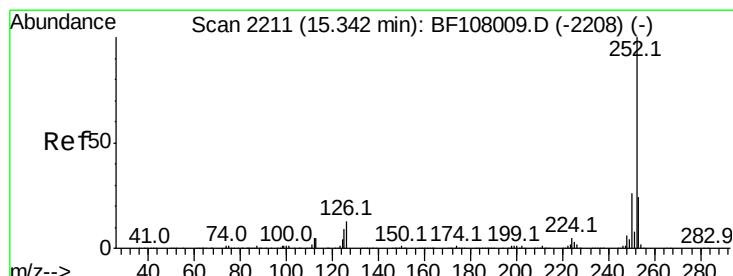
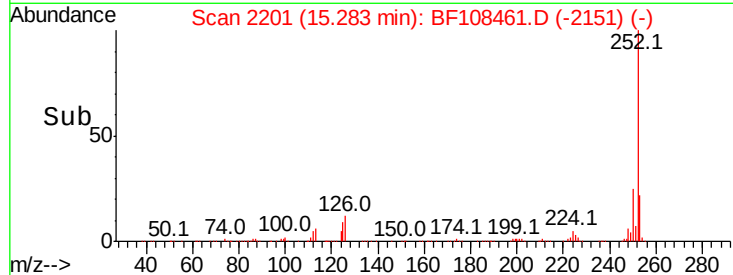
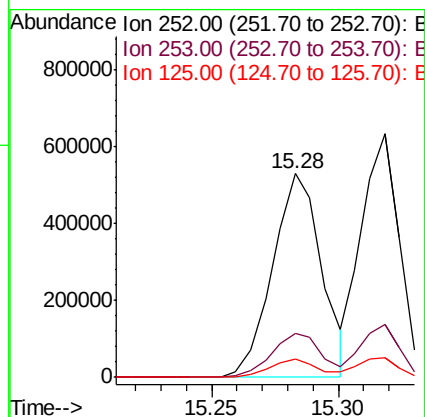
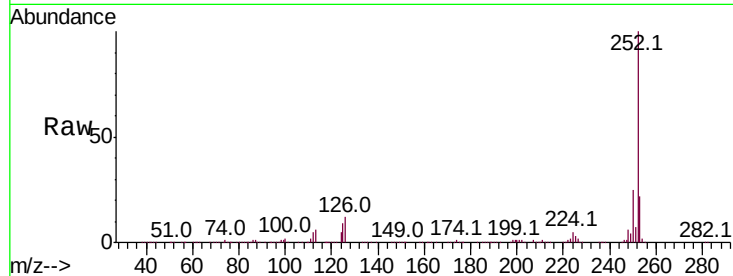
#87
Benzo(b)fluoranthene
Concen: 41.870 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	9.1	9.0	13.6

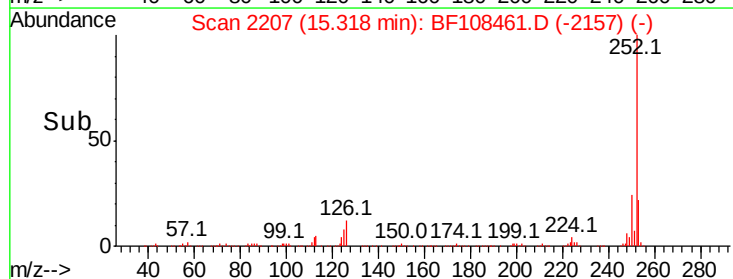
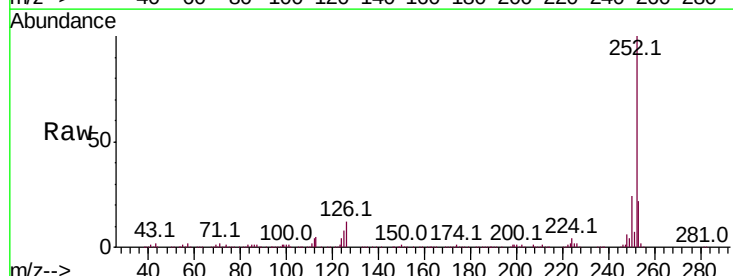
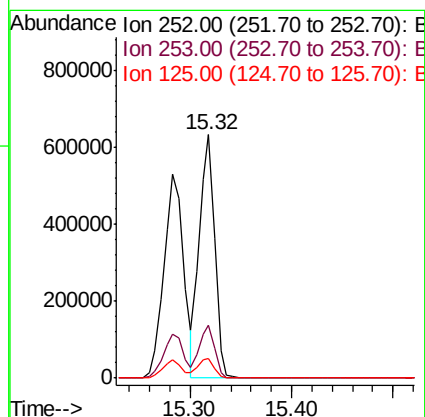
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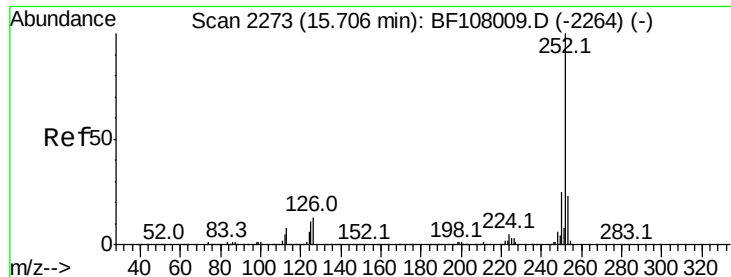
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#88
Benzo(k)fluoranthene
Concen: 42.346 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	8.1	10.2	15.2#





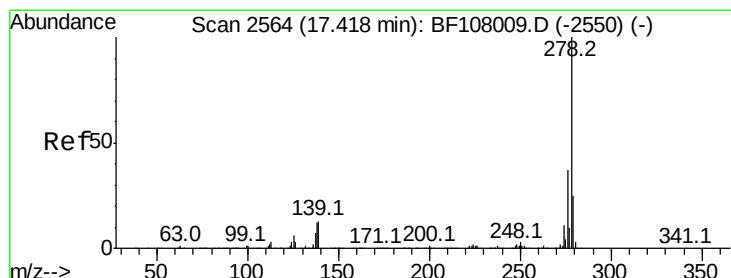
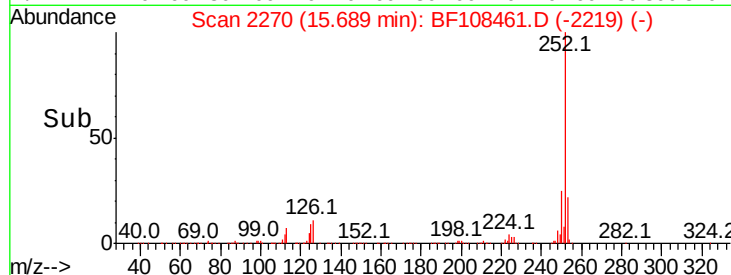
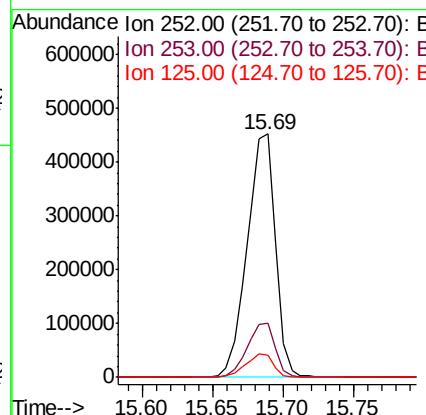
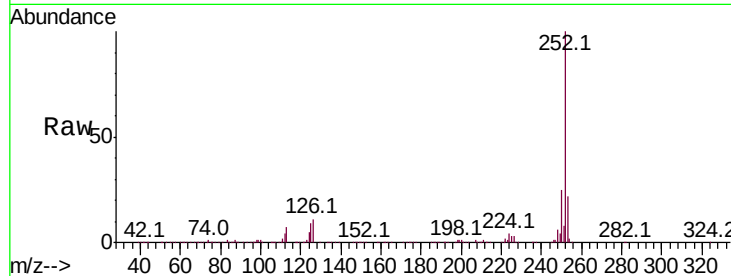
#89
Benzo(a)pyrene
Concen: 41.443 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.1	9.8	14.6

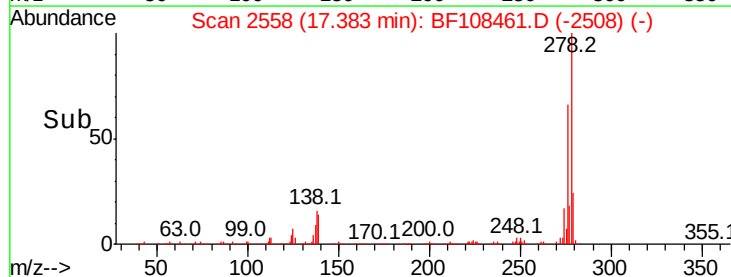
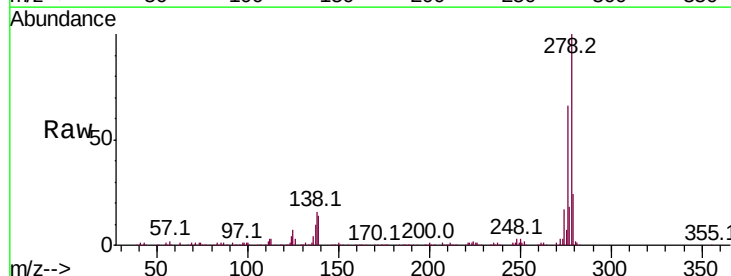
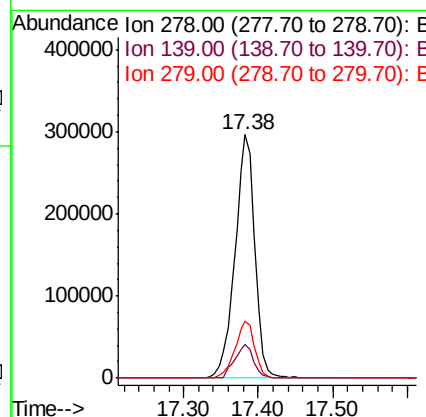
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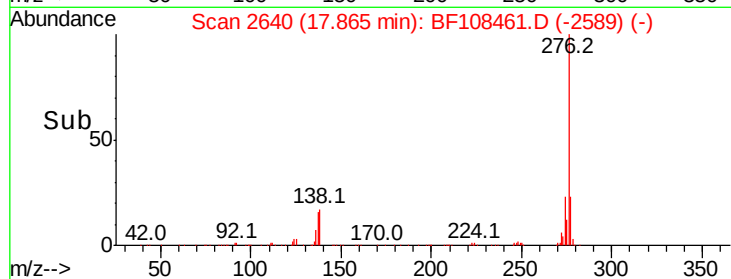
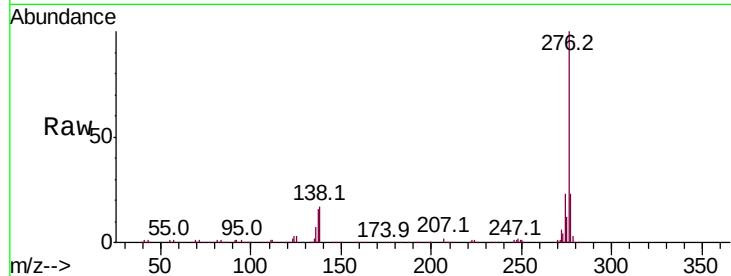
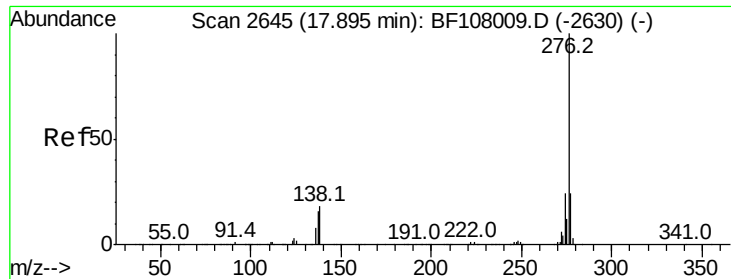
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#90
Dibenzo(a,h)anthracene
Concen: 43.205 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108461.D
Acq: 24 Aug 2018 14:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	15.9	23.9
279	23.5	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 43.970 ng

RT: 17.87 min Scan# 2640

Delta R.T. -0.00 min

Lab File: BF108461.D

Acq: 24 Aug 2018 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.1	17.9	26.9	
138	17.0	21.8	32.8	

Manual Integrations
APPROVED

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8/27/2018 12:56:28 PM

