

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108445.D
 Acq On : 24 Aug 2018 3:09
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil

8/24/2018 12:14:34 PM

Quant Time: Aug 24 04:42:08 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	130336	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	506129	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	239279	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	403321	20.00	ng	0.00
75) Chrysene-d12	14.20	240	285408	20.00	ng	0.00
86) Perylene-d12	15.75	264	271697	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	599971	83.34	ng	0.00
7) Phenol-d6	6.62	99	785614	82.12	ng	0.00
23) Nitrobenzene-d5	7.57	82	745863	82.23	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	170299	71.35	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1368220	91.80	ng	0.00
78) Terphenyl-d14	13.12	244	998431	88.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	138228	37.368	ng	90
3) Pyridine	3.66	79	369784	38.806	ng	88
4) n-Nitrosodimethylamine	3.63	42	193630	36.112	ng	83
6) Aniline	6.67	93	522464	40.150	ng	95
8) 2-Chlorophenol	6.79	128	334299	41.230	ng	97
9) Benzaldehyde	6.56	77	280624	37.835	ng	98
10) Phenol	6.64	94	397675	40.187	ng	88
11) bis(2-Chloroethyl)ether	6.74	93	321954	40.244	ng	96
12) 1,3-Dichlorobenzene	6.94	146	384842	41.049	ng	97
13) 1,4-Dichlorobenzene	7.02	146	392022	41.619	ng	98
14) 1,2-Dichlorobenzene	7.18	146	361408	41.249	ng	96
15) Benzyl Alcohol	7.14	79	303640	37.702	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	603879	36.641	ng	99
17) 2-Methylphenol	7.25	107	286572	41.215	ng	95
18) Hexachloroethane	7.51	117	133066	39.681	ng	96
19) n-Nitroso-di-n-propylamine	7.41	70	247656	38.282	ng	89
20) 3+4-Methylphenols	7.40	107	350767	39.366	ng	# 81
22) Acetophenone	7.41	105	475404	40.171	ng	# 95
24) Nitrobenzene	7.59	77	376026	40.998	ng	97
25) Isophorone	7.82	82	671621	38.849	ng	97
26) 2-Nitrophenol	7.90	139	133506	38.544	ng	91
27) 2,4-Dimethylphenol	7.93	122	304516	39.687	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	399596	39.594	ng	99
29) 2,4-Dichlorophenol	8.14	162	286965	40.640	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	313347	40.249	ng	97
31) Naphthalene	8.31	128	948631	41.213	ng	99
32) Benzoic acid	8.02	122	90216m	23.714	ng	
33) 4-Chloroaniline	8.35	127	400205	39.897	ng	97
34) Hexachlorobutadiene	8.42	225	202869	41.163	ng	99
35) Caprolactam	8.73	113	81655	36.901	ng	# 81
36) 4-Chloro-3-methylphenol	8.83	107	292610	38.413	ng	99
37) 2-Methylnaphthalene	9.00	142	645320	39.626	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	327293	44.542	ng	# 97
40) Hexachlorocyclopentadiene	9.15	237	46050	9.703	ng	97

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Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	189612	41.583	ng	97
43) 2,4,5-Trichlorophenol	9.32	196	202927	40.427	ng	95
45) 1,1'-Biphenyl	9.47	154	777920	44.095	ng	98
46) 2-Chloronaphthalene	9.50	162	593118	42.537	ng	98
47) 2-Nitroaniline	9.59	65	198800	44.064	ng	90
48) Acenaphthylene	9.91	152	937701	42.538	ng	100
49) Dimethylphthalate	9.76	163	721483	43.286	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	145347	41.680	ng	98
51) Acenaphthene	10.08	154	531926	39.397	ng	98
52) 3-Nitroaniline	10.00	138	164624	43.147	ng	94
53) 2,4-Dinitrophenol	10.11	184	3631	9.559	ng	# 23
54) Dibenzofuran	10.25	168	810238	41.421	ng	97
55) 4-Nitrophenol	10.15	139	80538	27.875	ng	90
56) 2,4-Dinitrotoluene	10.24	165	184224	41.041	ng	# 93
57) Fluorene	10.60	166	622846	40.223	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	140326	33.447	ng	# 87
59) Diethylphthalate	10.45	149	686436	42.530	ng	97
60) 4-Chlorophenyl-phenylether	10.58	204	328522	40.715	ng	96
61) 4-Nitroaniline	10.62	138	155551	41.236	ng	96
62) Azobenzene	10.75	77	650060	39.000	ng	93
64) 4,6-Dinitro-2-methylphenol	10.64	198	9491	10.927	ng	87
65) n-Nitrosodiphenylamine	10.71	169	569266	47.763	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	201213	45.907	ng	# 90
67) Hexachlorobenzene	11.15	284	201422	43.677	ng	# 90
68) Atrazine	11.22	200	177745	44.464	ng	97
69) Pentachlorophenol	11.34	266	96254	43.607	ng	96
70) Phenanthrene	11.57	178	813632	42.770	ng	99
71) Anthracene	11.62	178	837466	42.953	ng	99
72) Carbazole	11.77	167	700883	40.460	ng	99
73) Di-n-butylphthalate	12.09	149	931434	47.470	ng	99
74) Fluoranthene	12.77	202	760855	36.647	ng	94
76) Benzidine	12.88	184	352392	33.046	ng	99
77) Pyrene	13.00	202	745651	41.266	ng	99
79) Butylbenzylphthalate	13.59	149	320393	44.654	ng	# 97
80) Benzo(a)anthracene	14.19	228	683116	41.706	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	242058	41.237	ng	# 98
82) Chrysene	14.22	228	638048	42.489	ng	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	431809	44.442	ng	# 98
84) Di-n-octyl phthalate	14.77	149	746305	50.364	ng	98
85) Indeno(1,2,3-cd)pyrene	17.37	276	537070	41.277	ng	# 90
87) Benzo(b)fluoranthene	15.28	252	660607	40.690	ng	# 97
88) Benzo(k)fluoranthene	15.32	252	614911	41.203	ng	# 95
89) Benzo(a)pyrene	15.69	252	595366	40.952	ng	# 96
90) Dibenzo(a,h)anthracene	17.38	278	460156	38.255	ng	# 93
91) Benzo(g,h,i)perylene	17.86	276	417736	35.268	ng	# 89

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

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ALS Vial : 2 Sample Multiplier: 1

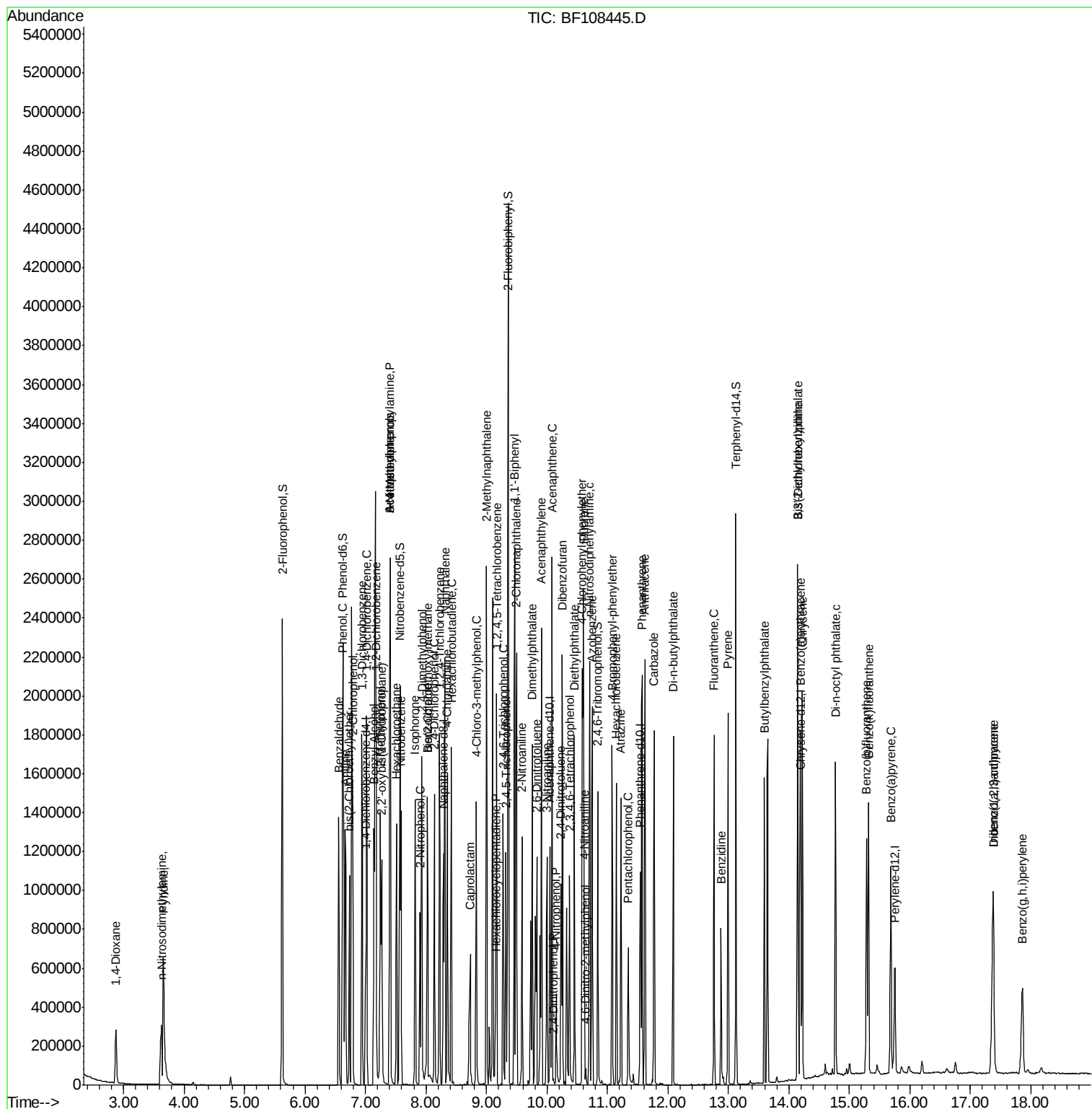
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

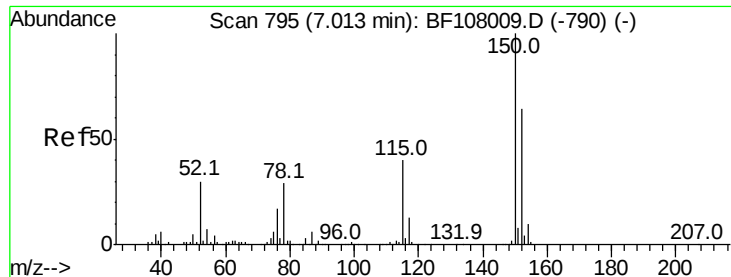
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 152 Resp: 130336

Ion Ratio Lower Upper

152 100

150 156.3 124.6 186.8

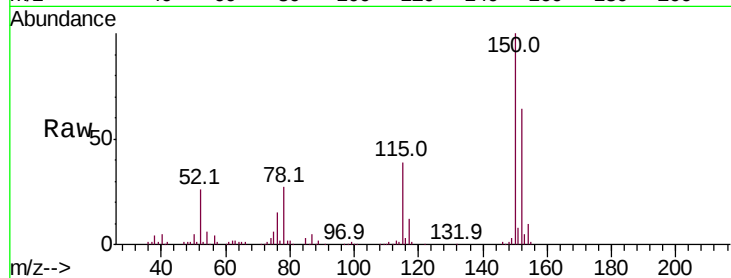
115 61.6 50.1 75.1

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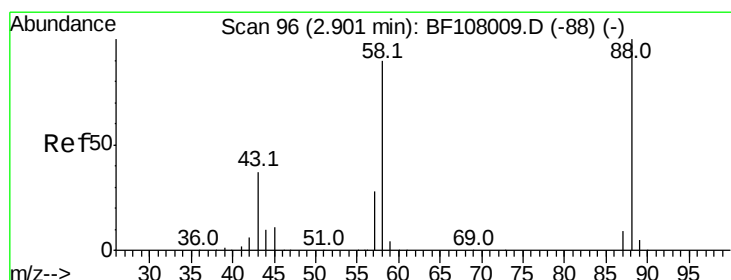
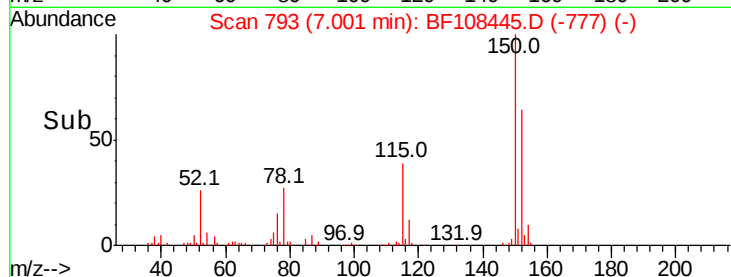
Abundance

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

Time-->



#2

1,4-Dioxane

Concen: 37.368 ng

RT: 2.87 min Scan# 91

Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

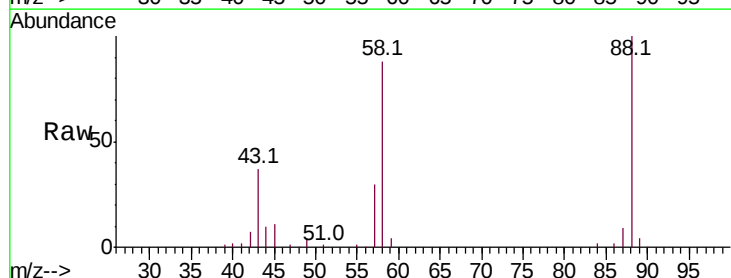
Tgt Ion: 88 Resp: 138228

Ion Ratio Lower Upper

88 100

58 87.4 62.6 93.8

43 35.8 24.6 37.0



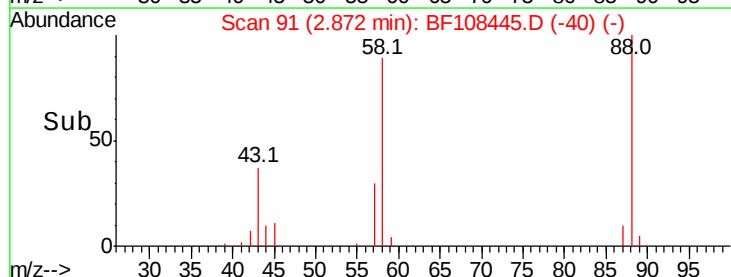
Abundance

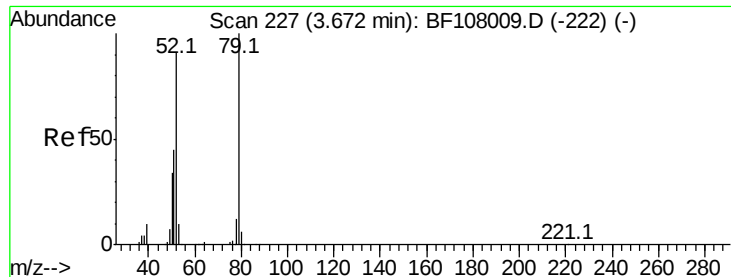
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





#3

Pvridine

Concen: 38.806 ng

RT: 3.66 min Scan# 225

Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 369784

Ion Ratio Lower Upper

79 100

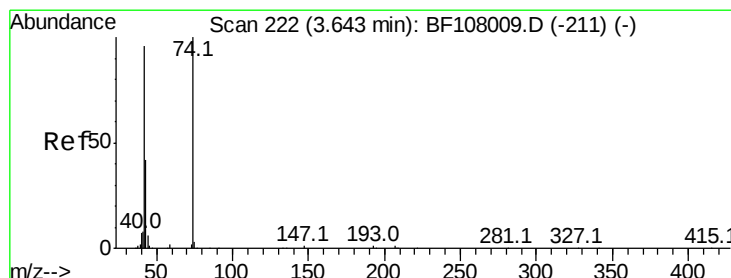
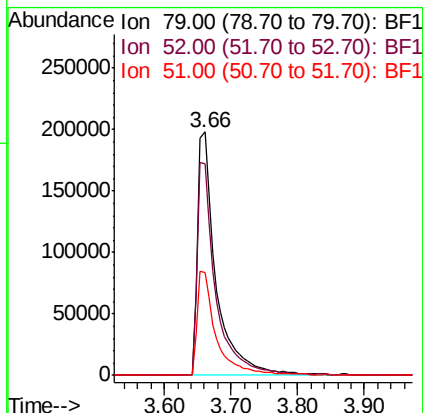
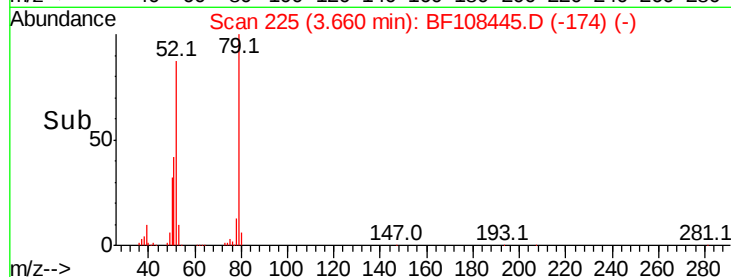
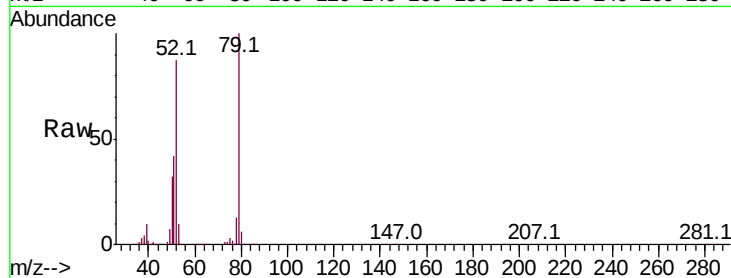
52 86.9 59.8 89.6

51 42.4 29.8 44.8

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#4

n-Nitrosodimethylamine

Concen: 36.112 ng

RT: 3.63 min Scan# 219

Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

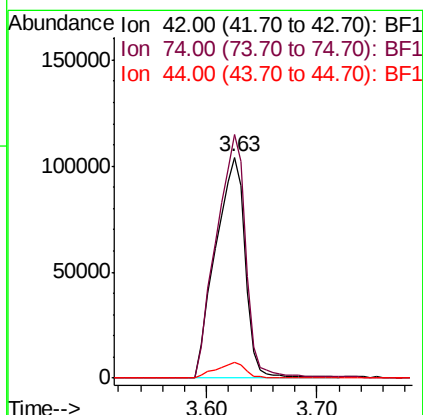
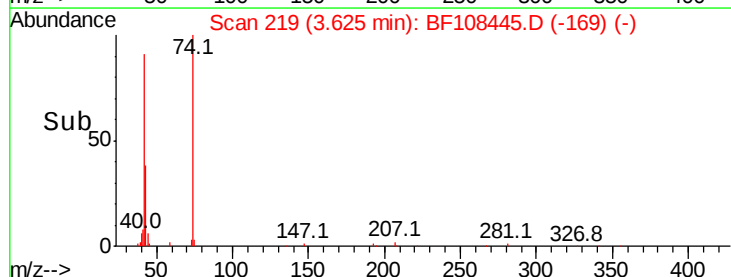
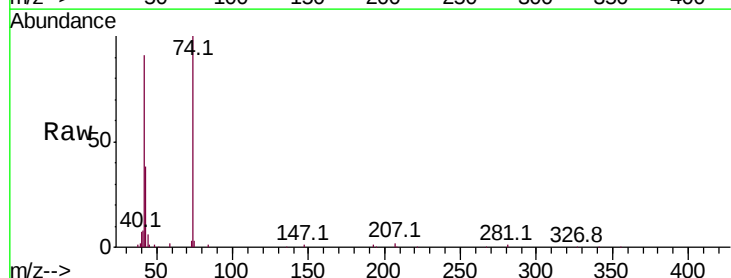
Tgt Ion: 42 Resp: 193630

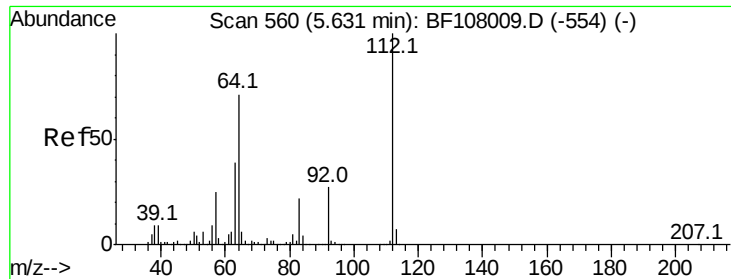
Ion Ratio Lower Upper

42 100

74 110.4 104.9 157.3

44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 83.340 ng

RT: 5.62 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

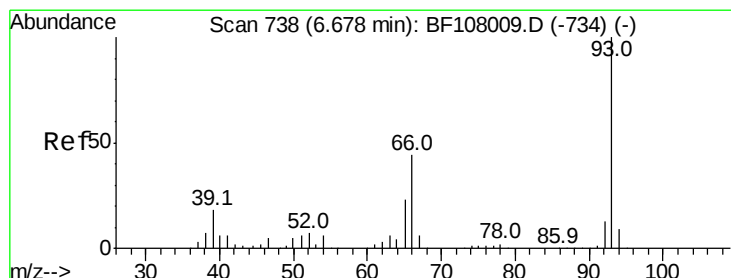
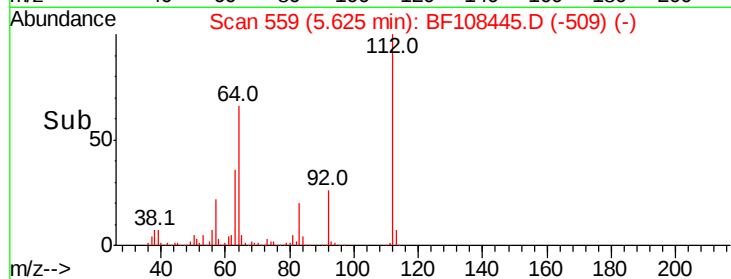
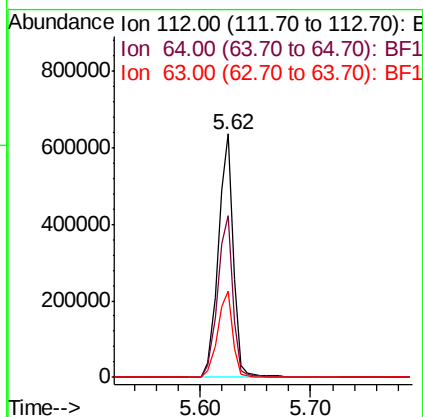
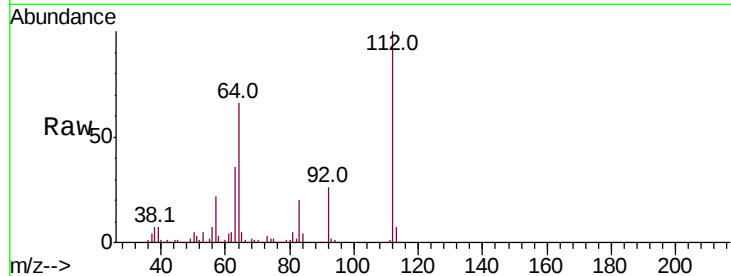
SSTDCCC040

Tot Ion:	112	Resp:	599971
Ion Ratio	Lower	Upper	
112	100		
64	66.2	47.9	71.9
63	35.5	23.7	35.5#

Manual Integrations
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#6

Aniline

Concen: 40.150 ng

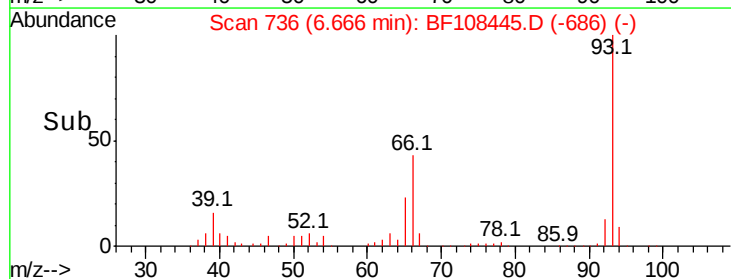
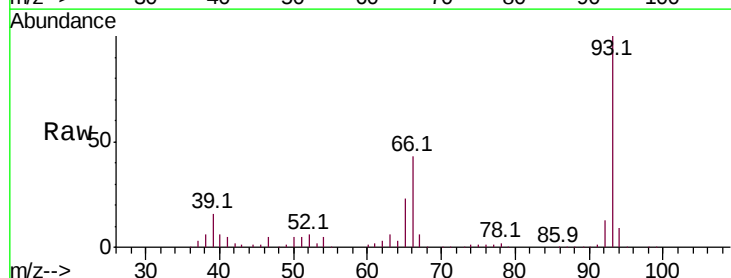
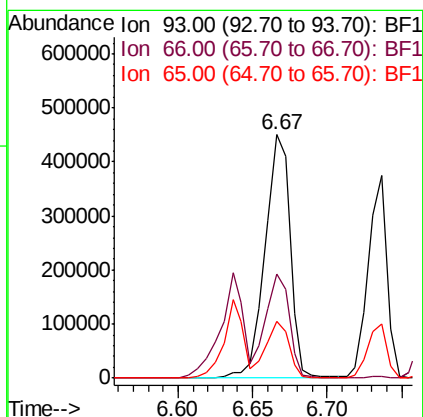
RT: 6.67 min Scan# 736

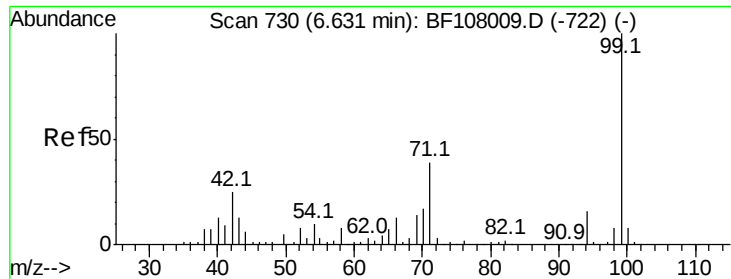
Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Tgt Ion:	93	Resp:	522464
Ion Ratio	Lower	Upper	
93	100		
66	42.7	32.2	48.2
65	23.1	16.4	24.6





#7

Phenol-d6

Concen: 82.120 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 785614

Ion Ratio Lower Upper

99 100

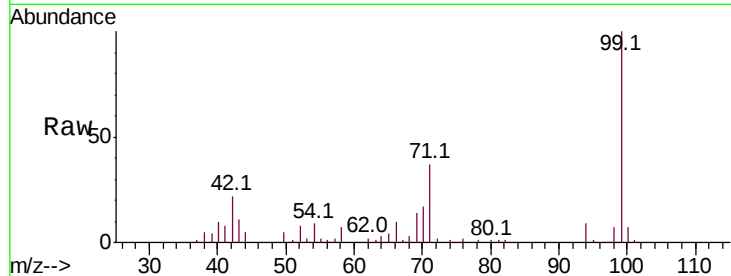
42 22.4 14.5 21.7#

71 37.3 25.4 38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

800000

600000

400000

200000

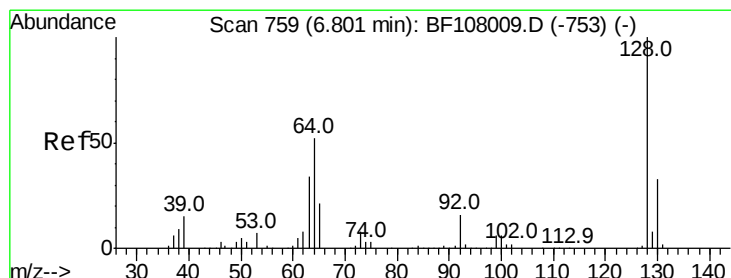
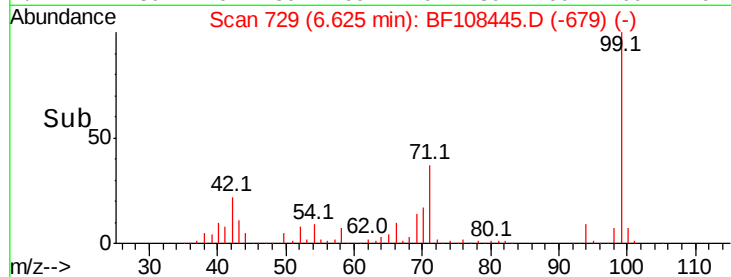
0

6.62

6.60

6.70

Time-->



#8

2-Chlorophenol

Concen: 41.230 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

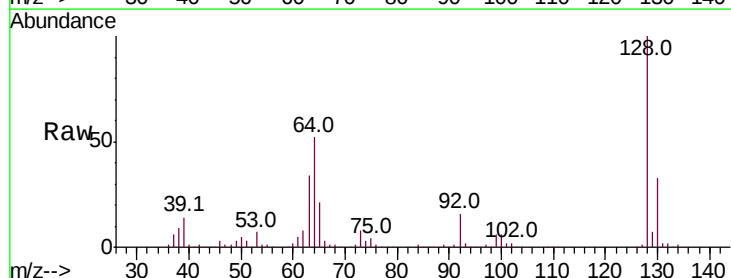
Tgt Ion: 128 Resp: 334299

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 52.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

500000

400000

300000

200000

100000

0

6.79

6.70

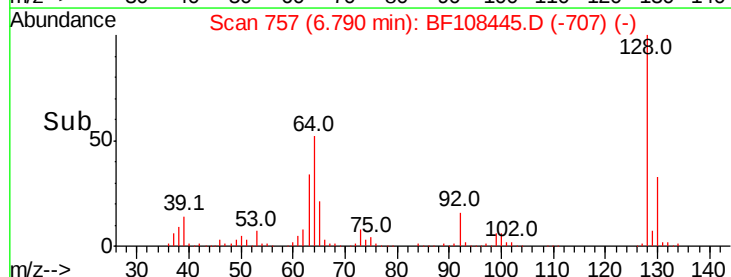
6.75

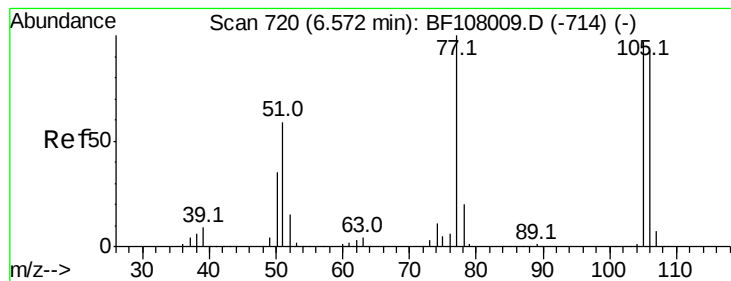
6.80

6.85

6.90

Time-->





#9

Benzaldehyde

Concen: 37.835 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 280624

Ion Ratio Lower Upper

77 100

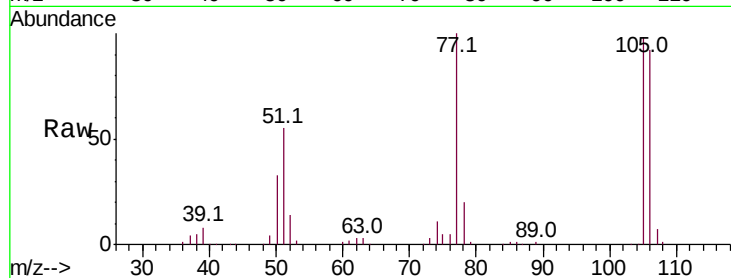
105 98.2 81.1 121.1

106 92.5 74.5 114.5

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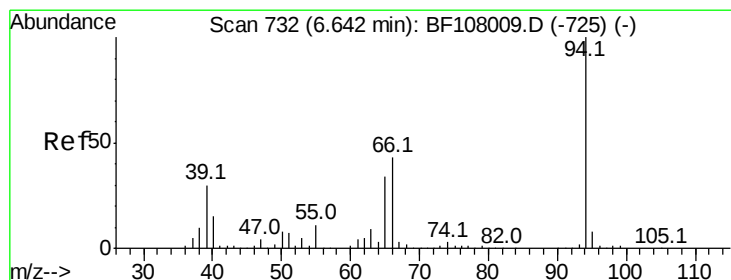
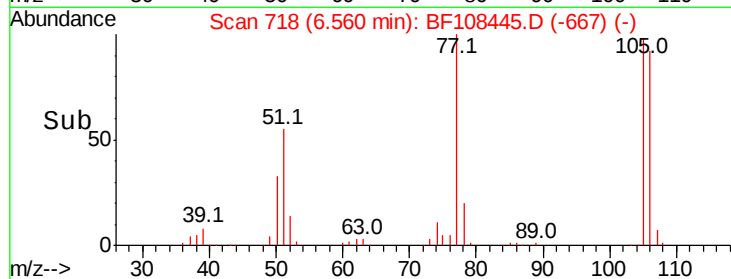
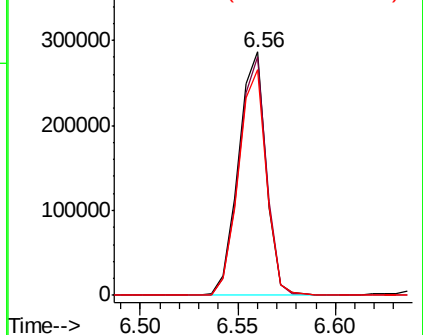
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.187 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

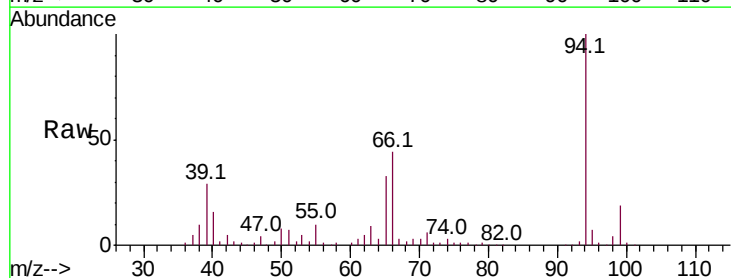
Tgt Ion: 94 Resp: 397675

Ion Ratio Lower Upper

94 100

65 33.0 7.9 47.9

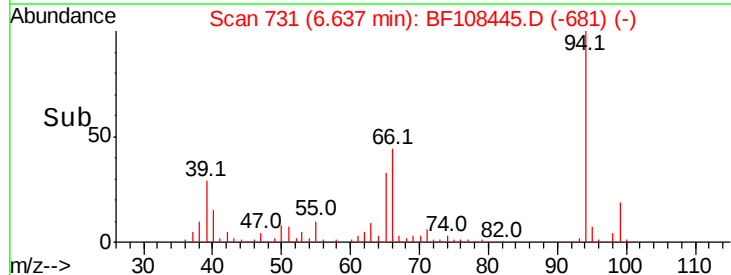
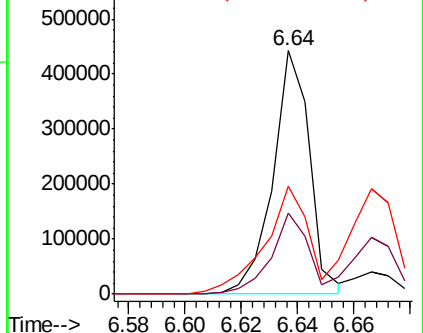
66 44.2 16.2 56.2

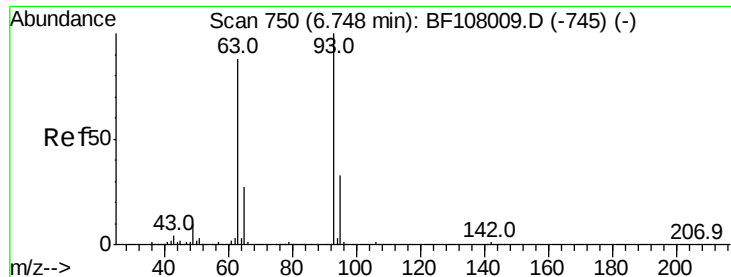


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11
bis(2-Chloroethyl)ether
Concen: 40.244 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

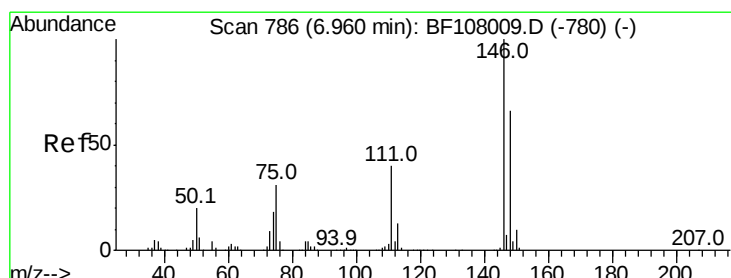
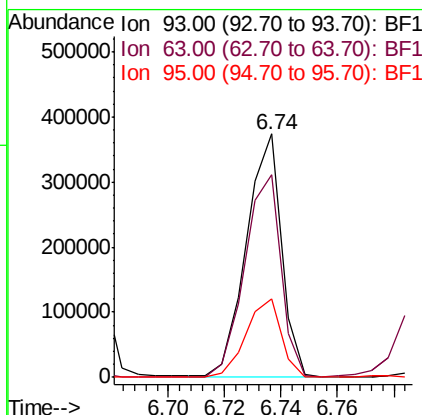
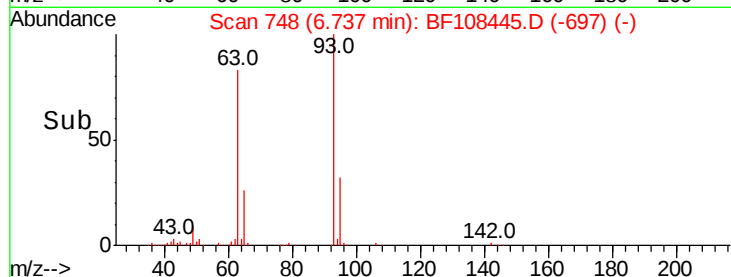
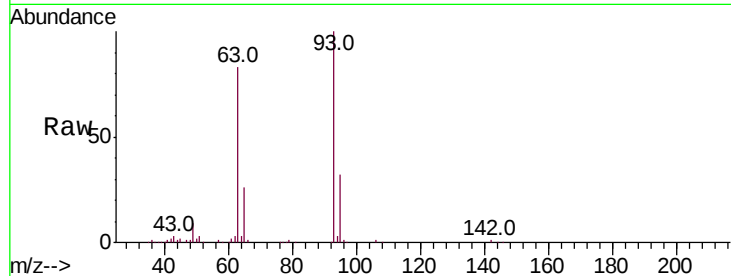
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.4	58.6	98.6
95	32.1	11.8	51.8

Manual Integrations
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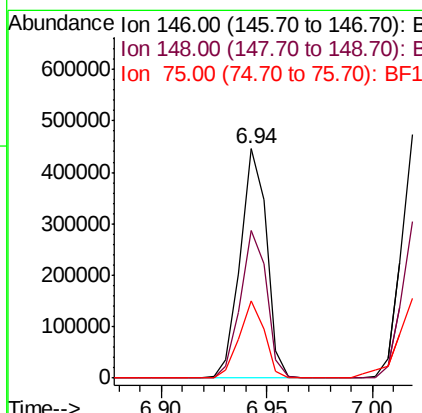
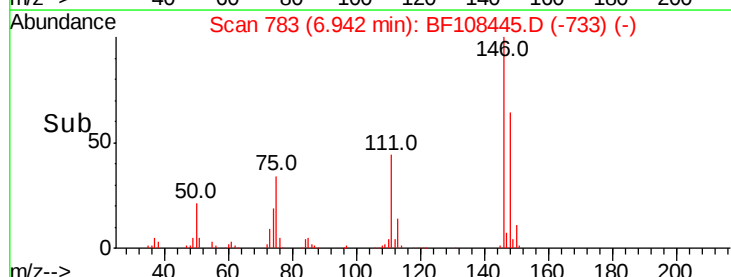
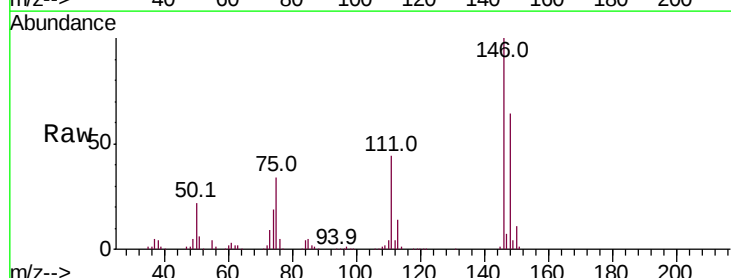
Sohil

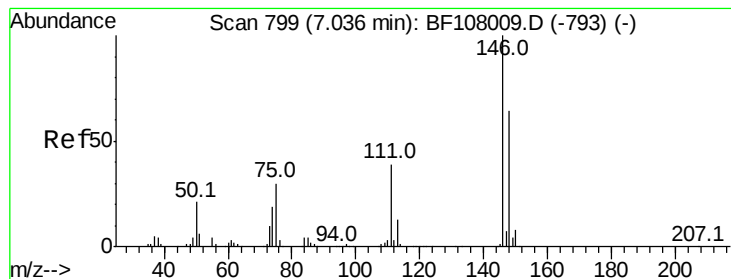
8/24/2018 12:14:34 PM



#12
1,3-Dichlorobenzene
Concen: 41.049 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	33.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.619 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

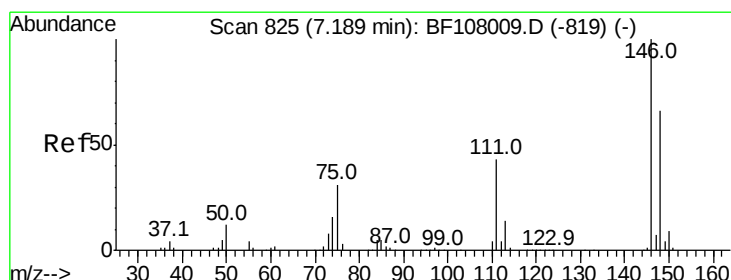
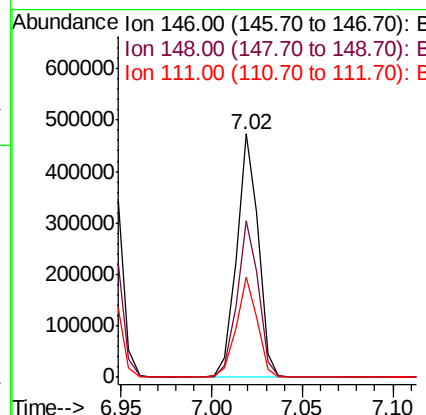
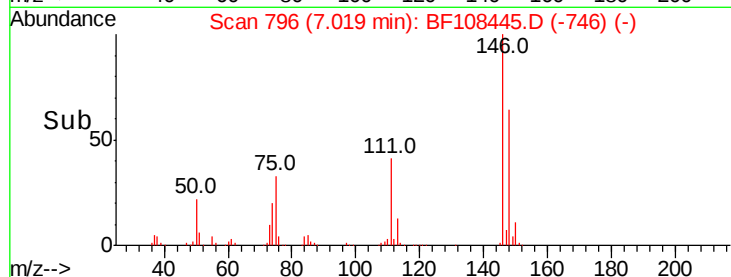
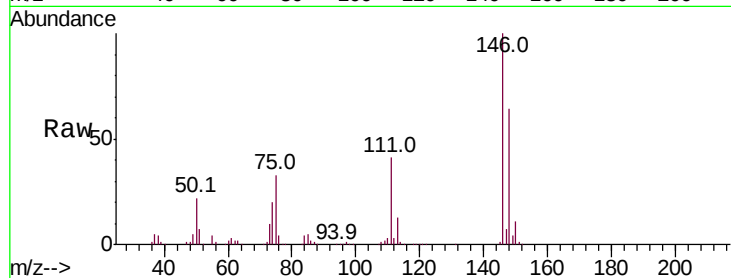
SSTDCCC040

Tot Ion:	146	Resp:	392022
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
111	41.0	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.249 ng

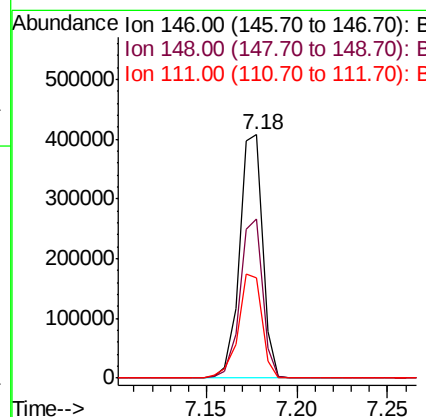
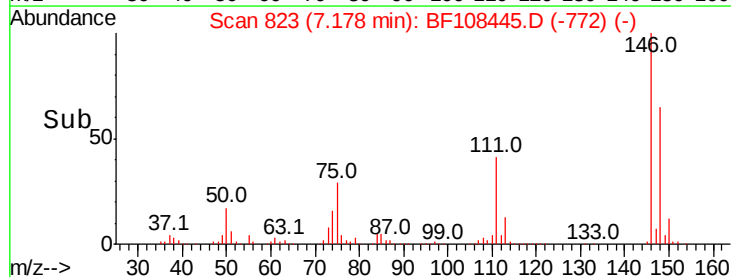
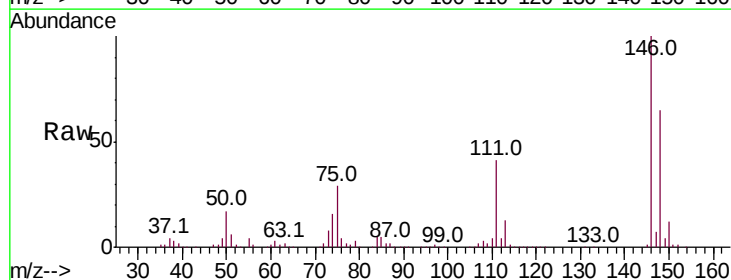
RT: 7.18 min Scan# 823

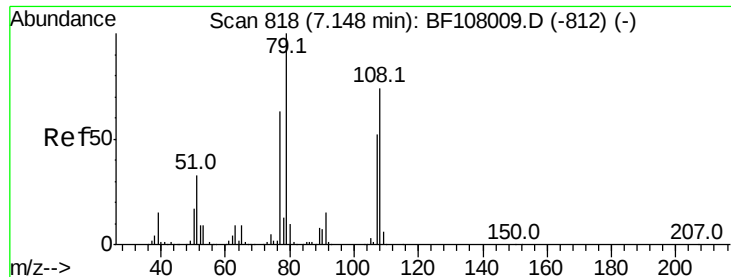
Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Tgt Ion:	146	Resp:	361408
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.6	75.8
111	41.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.702 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

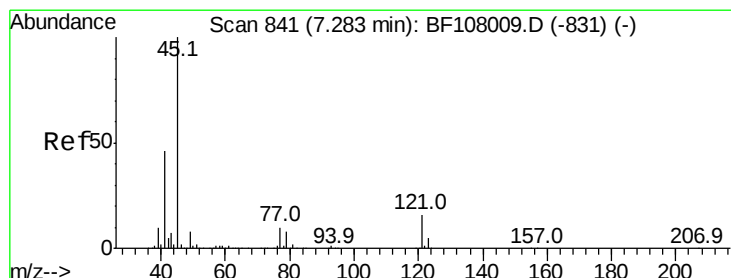
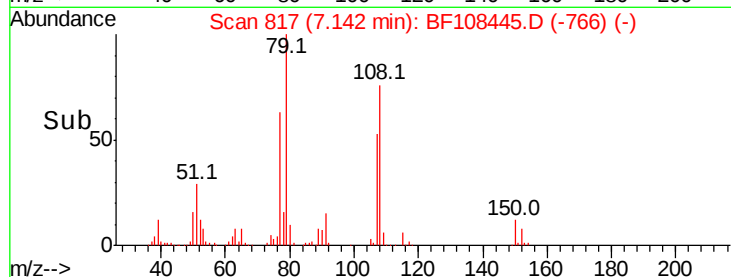
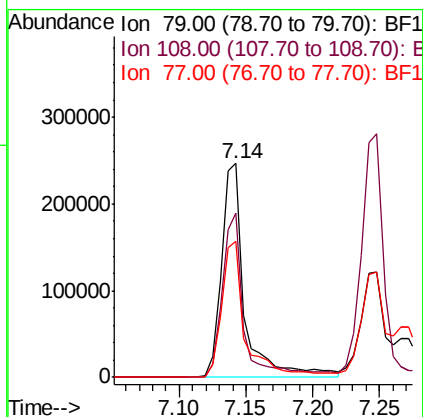
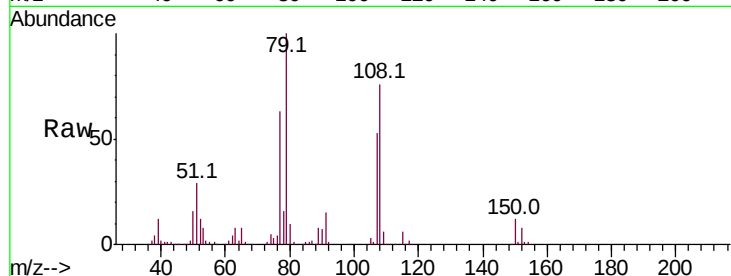
SSTDCCC040

Tot Ion:	79	Resp:	303640
Ion Ratio	Lower	Upper	
79	100		
108	76.5	65.1	97.7
77	63.3	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.641 ng

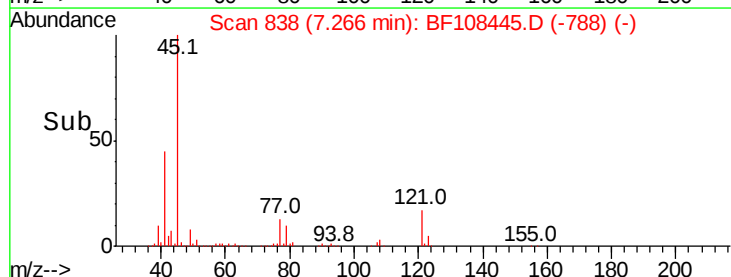
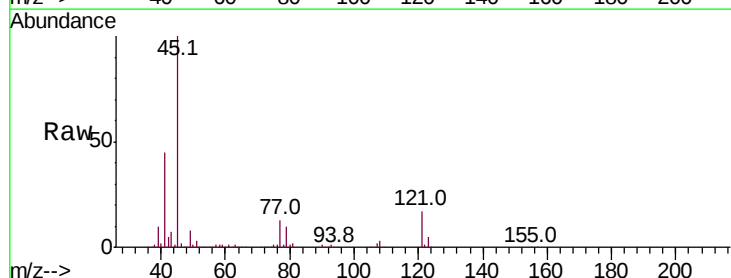
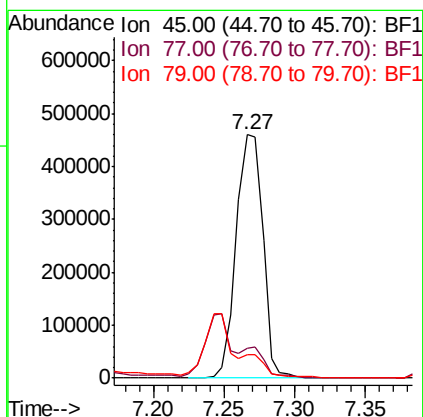
RT: 7.27 min Scan# 838

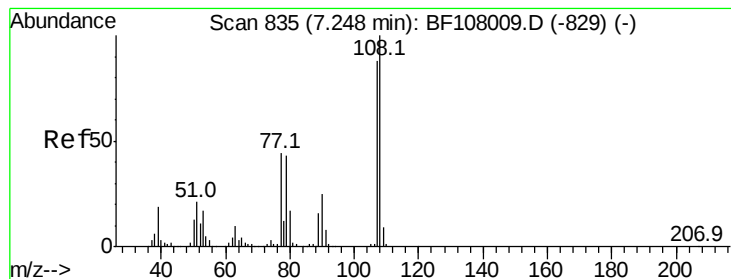
Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Tgt Ion:	45	Resp:	603879
Ion Ratio	Lower	Upper	
45	100		
77	12.5	0.0	32.9
79	9.7	0.0	29.6





#17
2-Methylphenol
Concen: 41.215 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

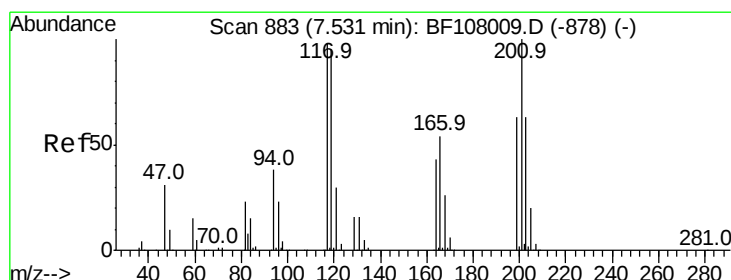
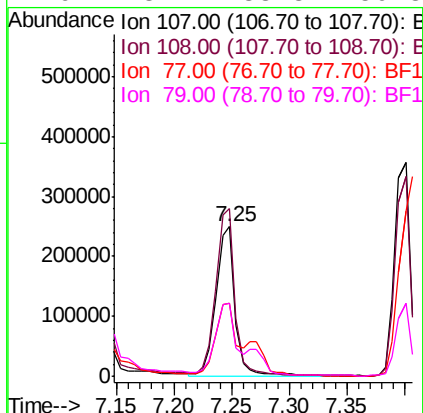
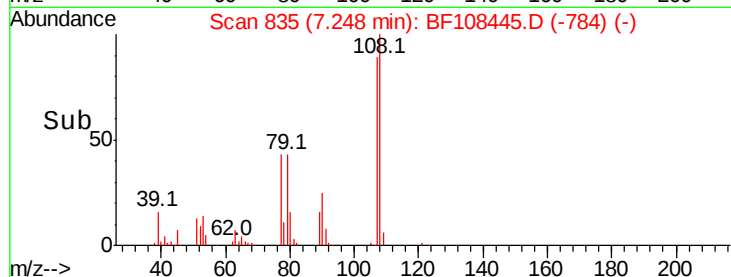
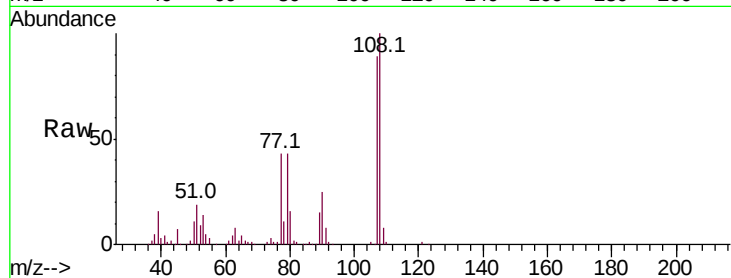
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	91.7	137.5	
77	48.5	33.8	50.8	
79	48.4	33.8	50.8	

Manual Integrations
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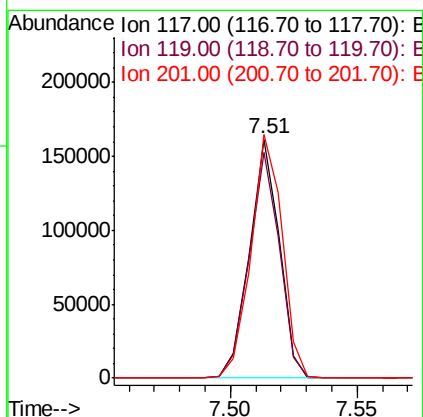
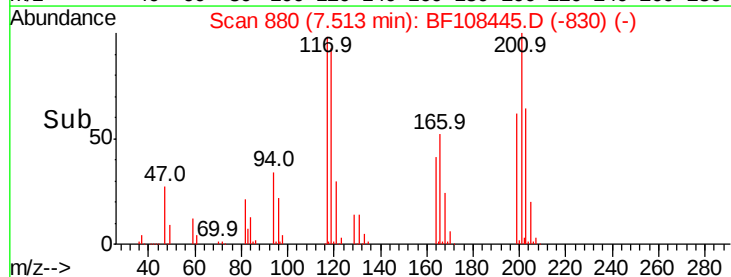
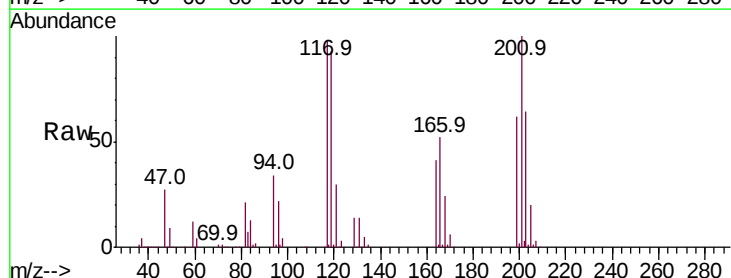
Sohil

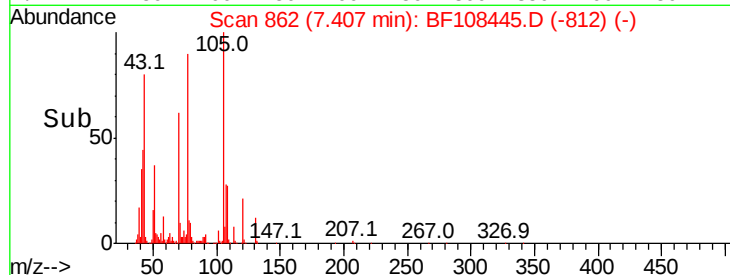
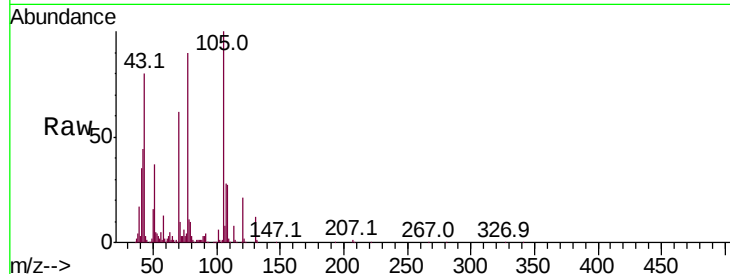
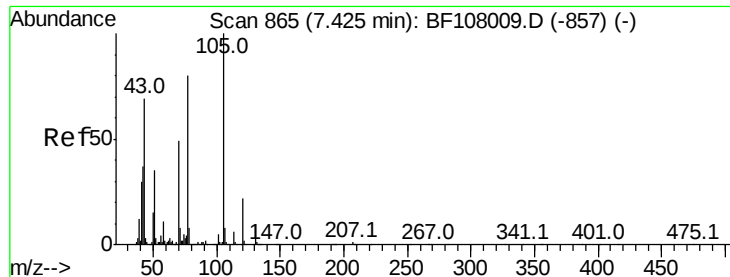
8/24/2018 12:14:34 PM



#18
Hexachloroethane
Concen: 39.681 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	75.8	113.8	
201	101.8	75.7	113.5	





#19
n-Nitroso-di-n-propylamine
Concen: 38.282 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

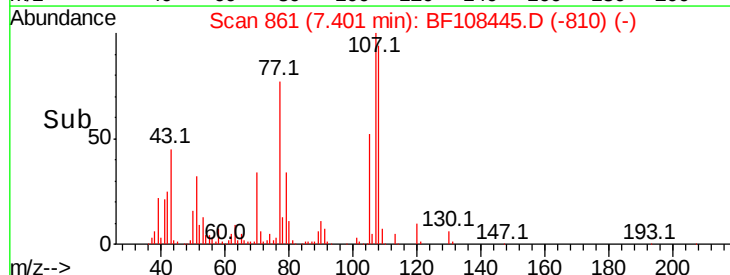
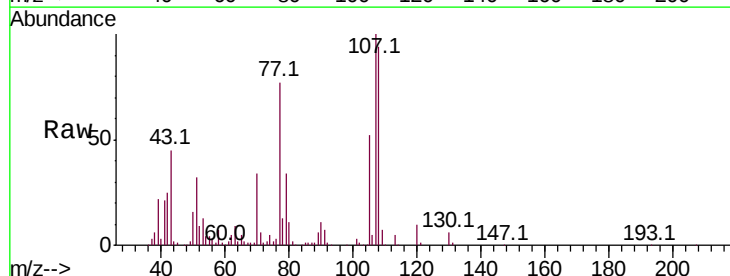
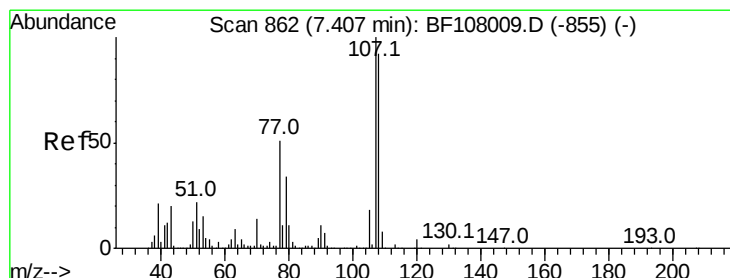
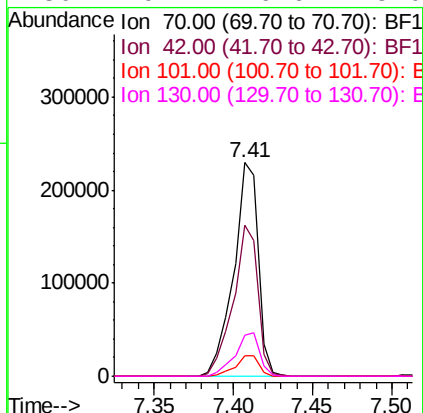
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.7	47.5	71.3
101	9.6	7.4	11.2
130	19.1	16.6	25.0

Manual Integrations
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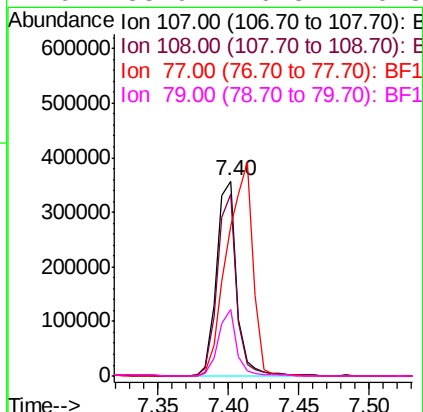
Sohil

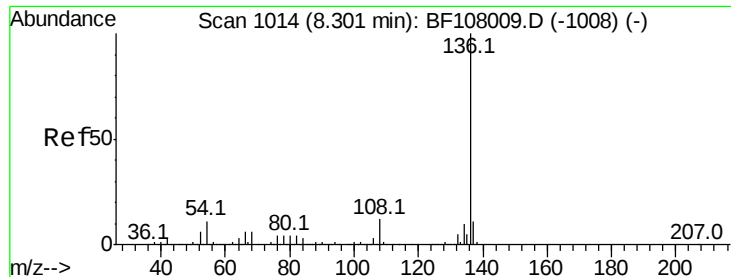
8/24/2018 12:14:34 PM



#20
3+4-Methylphenols
Concen: 39.366 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	68.2	108.2
77	77.3	26.7	66.7#
79	33.9	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: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

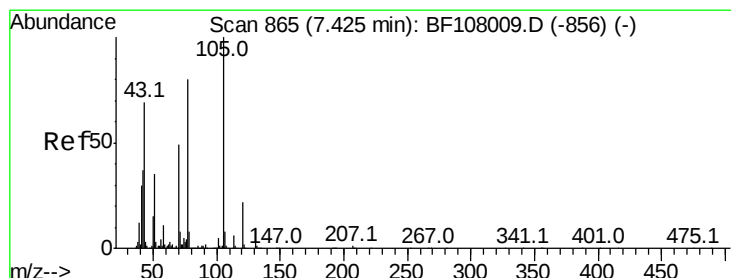
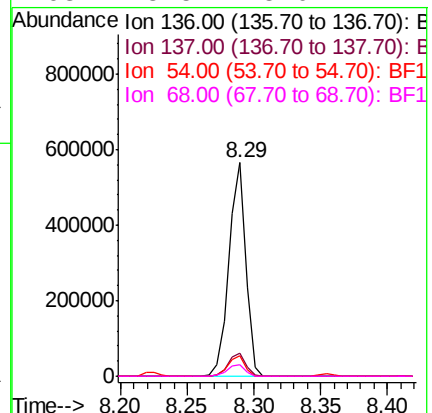
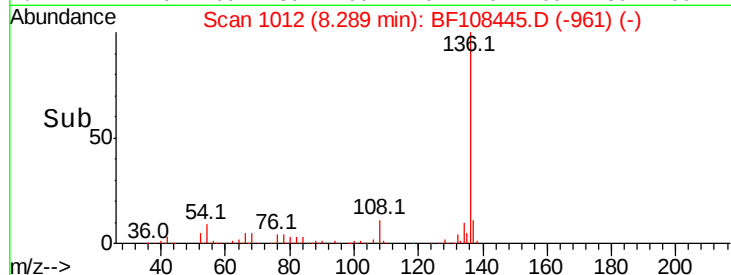
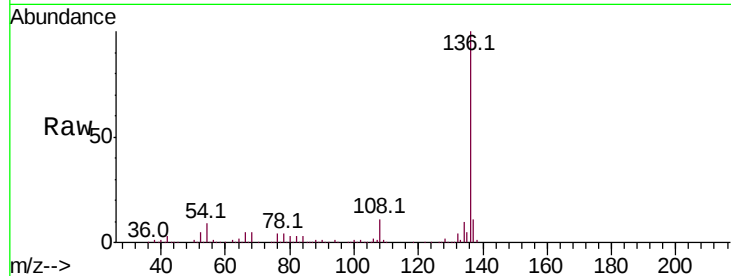
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.4	6.6	9.8
68	5.5	5.0	7.4

Manual Integrations
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#22

Acetophenone

Concen: 40.171 ng

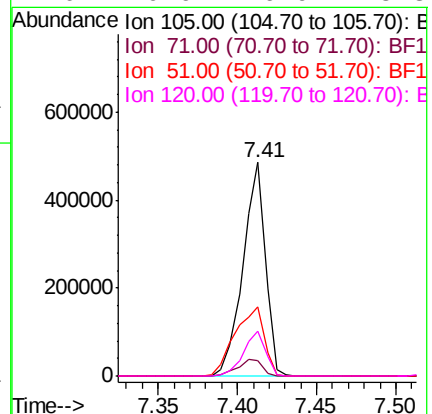
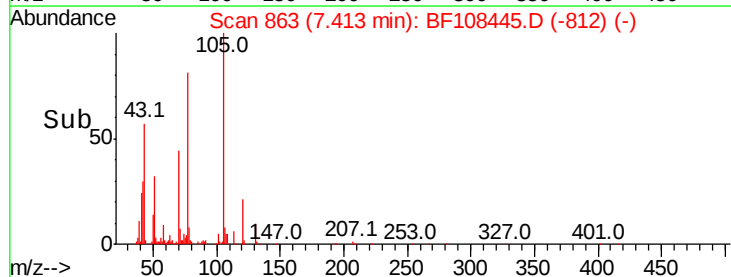
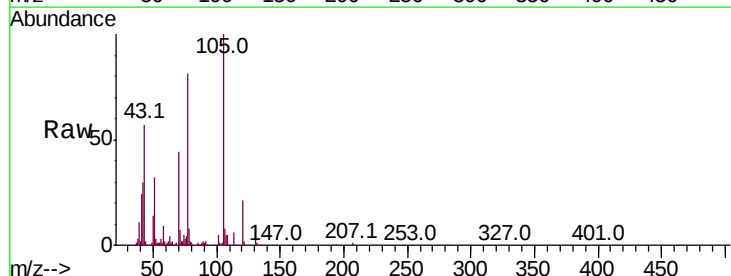
RT: 7.41 min Scan# 863

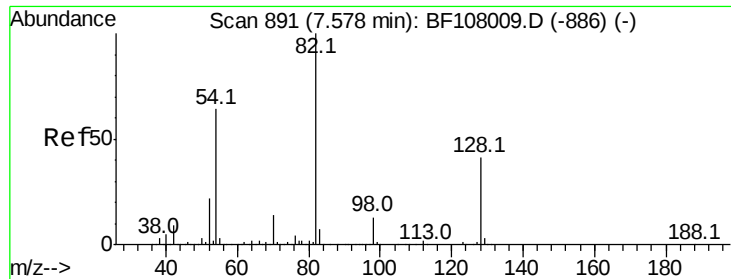
Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.3	4.4	6.6#
51	32.4	22.3	33.5
120	20.9	16.9	25.3





#23
 Nitrobenzene-d5
 Concen: 82.232 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

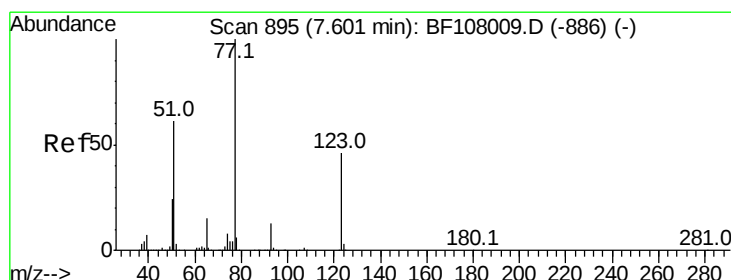
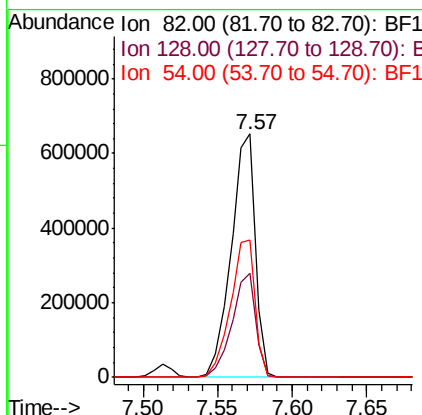
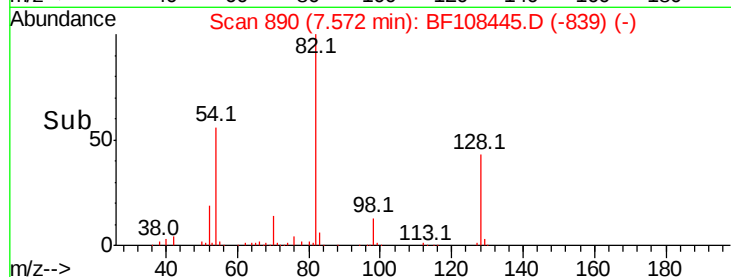
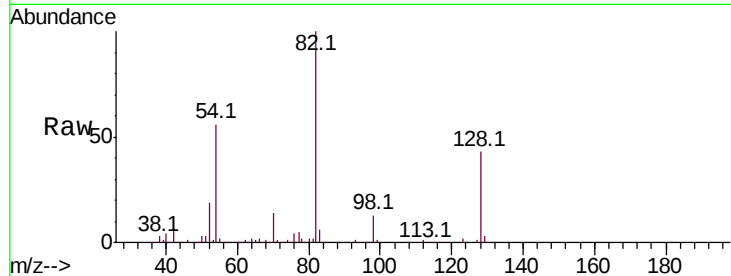
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	56.4	41.4	62.2

Manual Integrations
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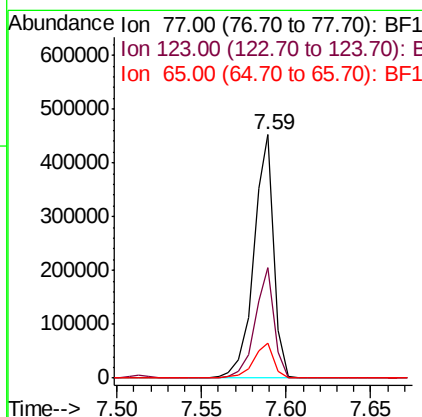
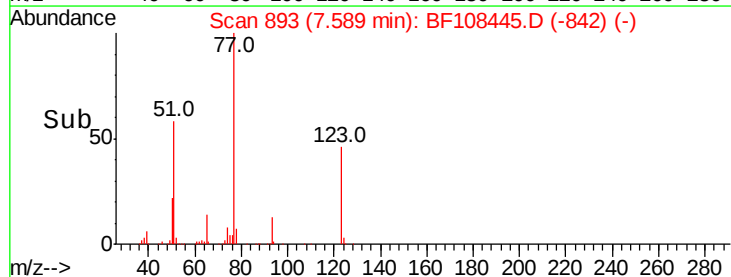
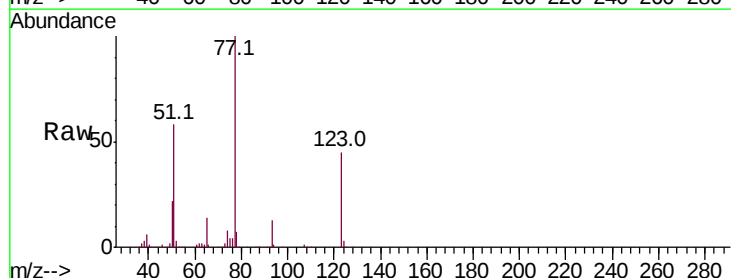
Sohil

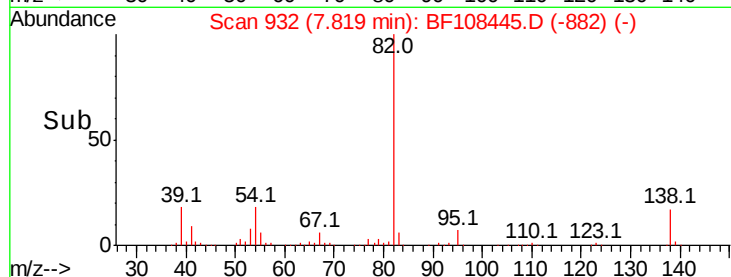
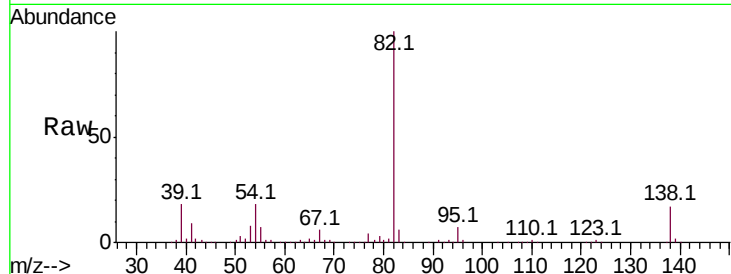
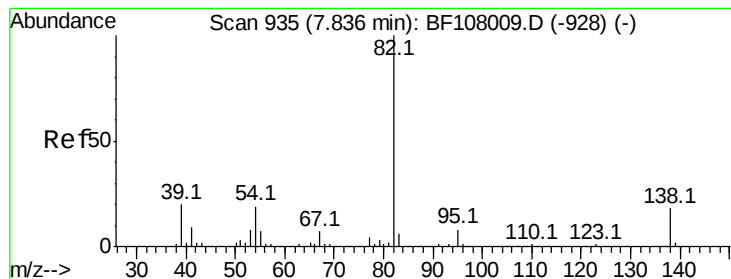
8/24/2018 12:14:34 PM



#24
 Nitrobenzene
 Concen: 40.998 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 38.849 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Tot Ion:	82	Resp:	671621
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	16.8	14.9	22.3

Instrument :

BNA_F

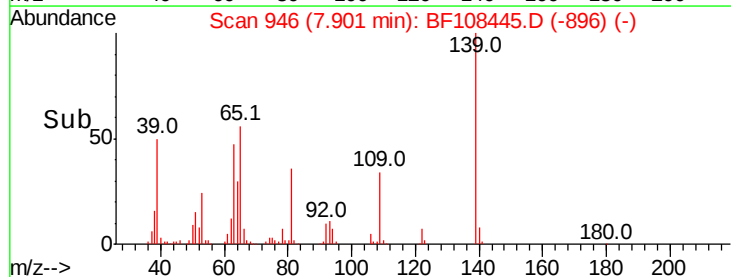
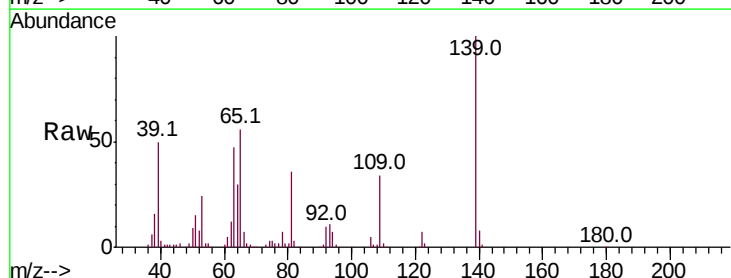
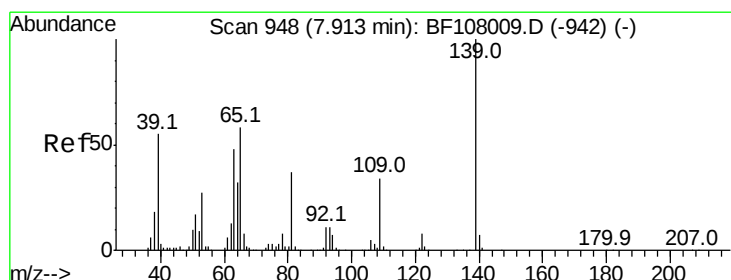
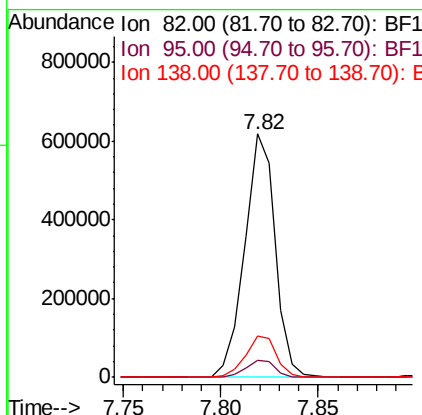
ClientSampleId :

SSTDCCC040

Manual Integrations
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Sohil

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#26

2-Nitrophenol

Concen: 38.544 ng

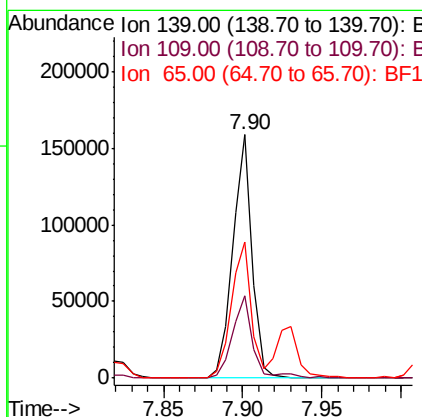
RT: 7.90 min Scan# 946

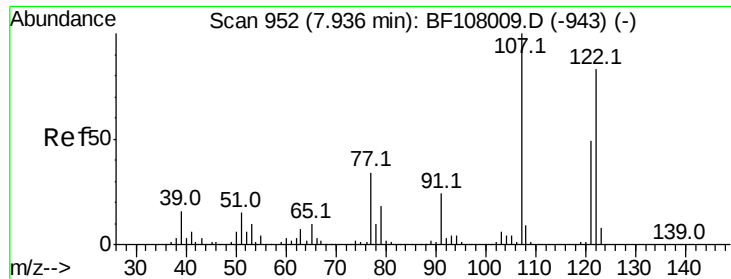
Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Tgt Ion:	139	Resp:	133506
Ion Ratio	Lower	Upper	
139	100		
109	33.8	22.7	34.1
65	56.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 39.687 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

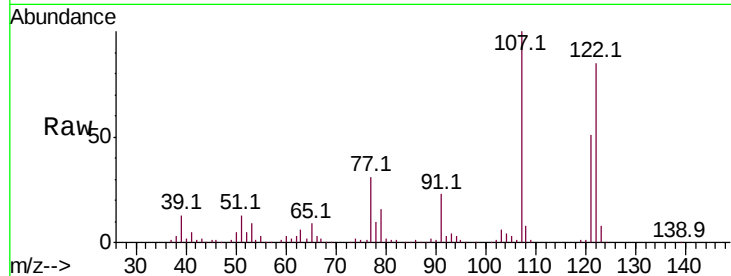
SSTDCCC040

Tot Ion:	122	Resp:	304516
Ion Ratio	Lower	Upper	
122	100		
107	117.6	91.2	136.8
121	59.8	47.2	70.8

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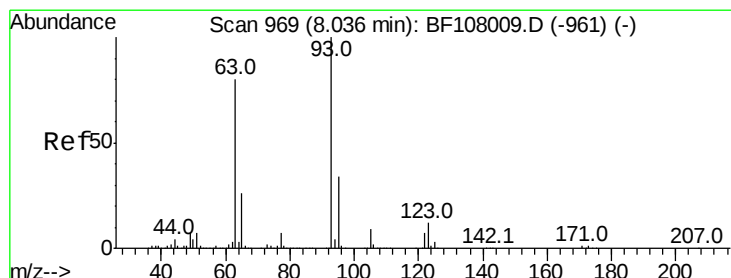
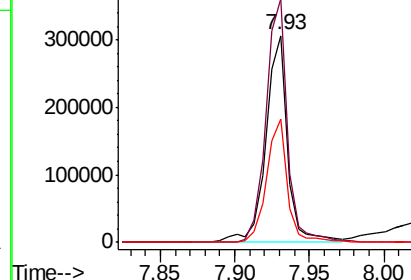
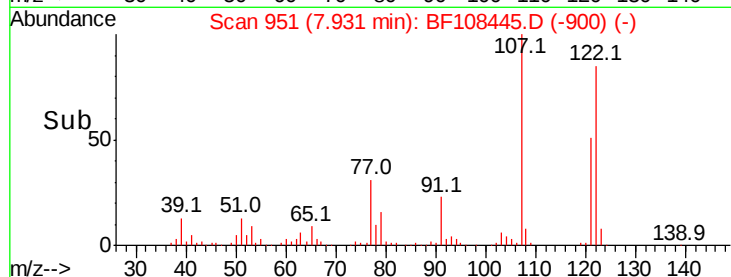
8/24/2018 12:14:34 PM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.594 ng

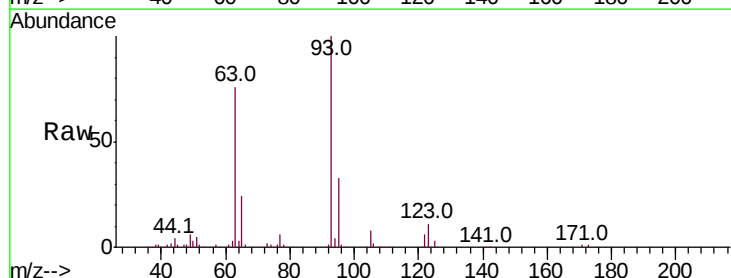
RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

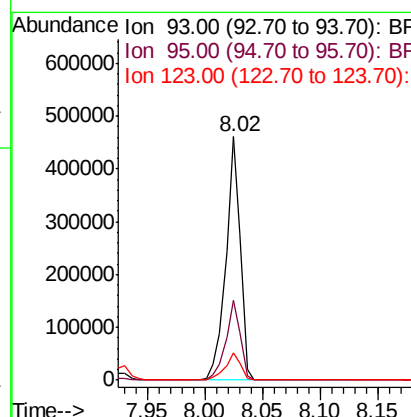
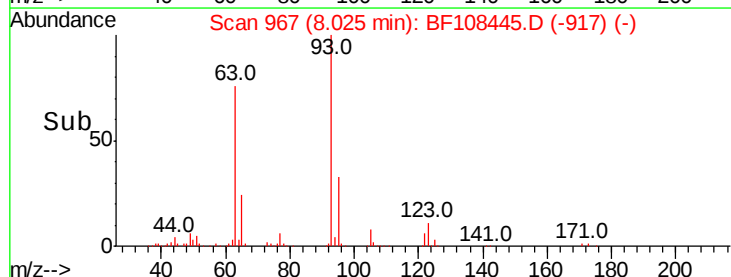
Tgt Ion:	93	Resp:	399596
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.3	39.5
123	11.4	9.8	14.6

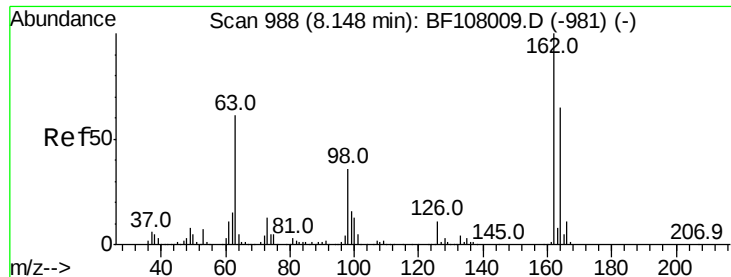


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.640 ng

RT: 8.14 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

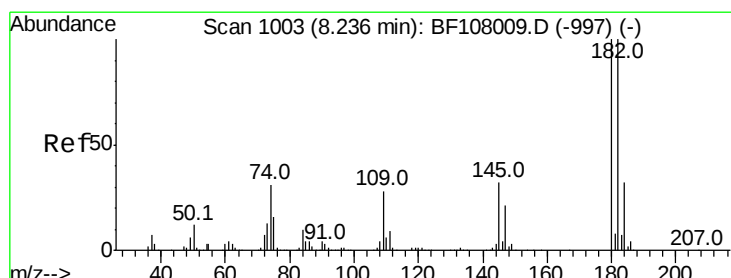
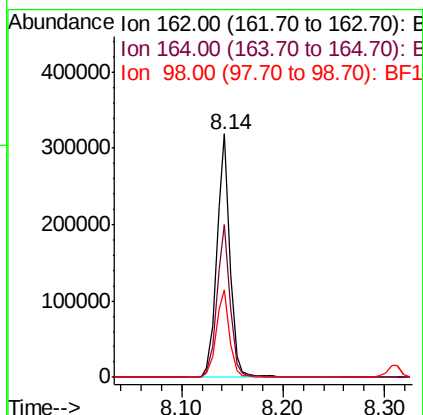
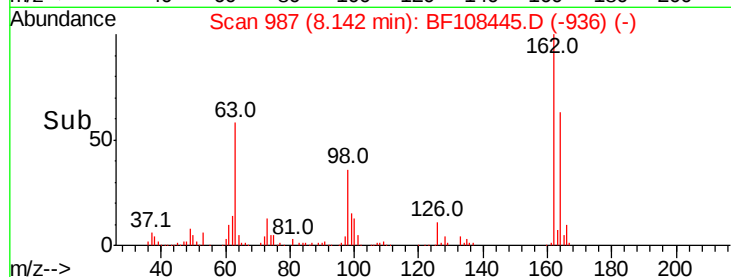
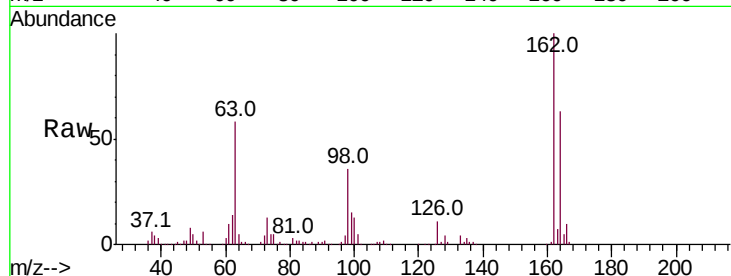
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	286965		
164	62.8		42.7	82.7
98	35.9		18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 40.249 ng

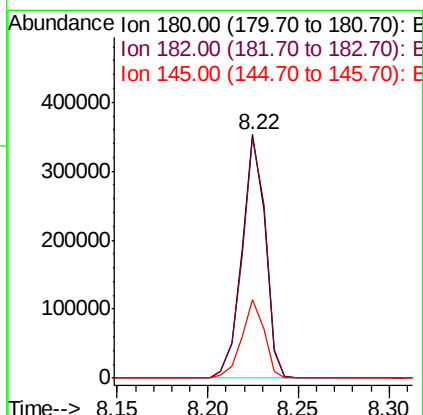
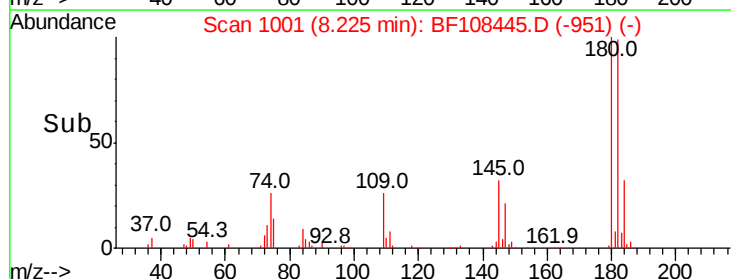
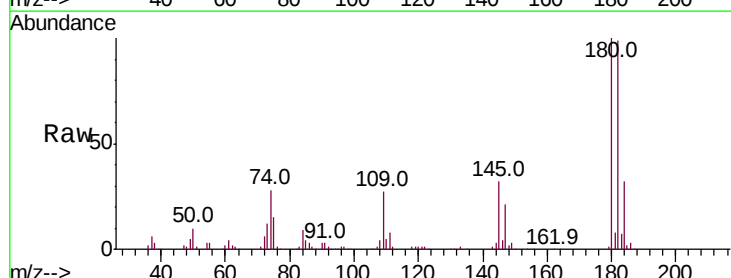
RT: 8.22 min Scan# 1001

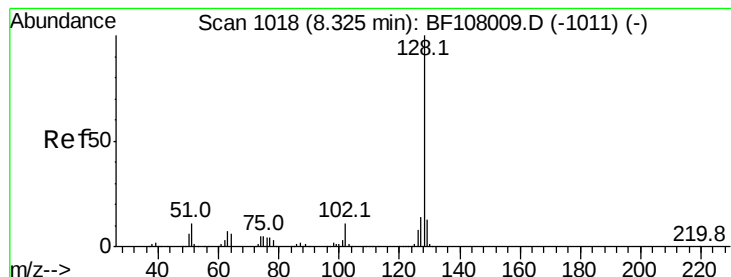
Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	313347		
182	98.8		76.8	115.2
145	32.1		26.5	39.7





#31

Naphthalene

Concen: 41.213 ng

RT: 8.31 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

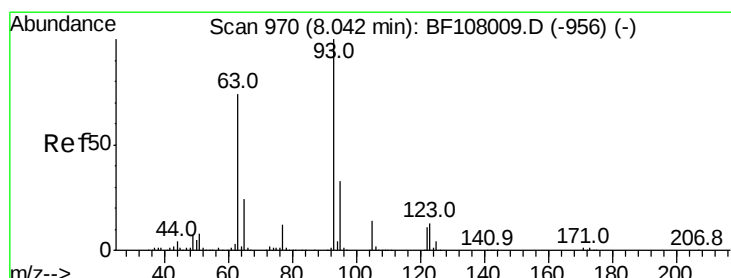
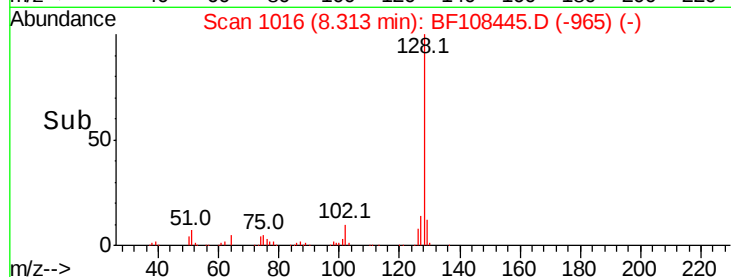
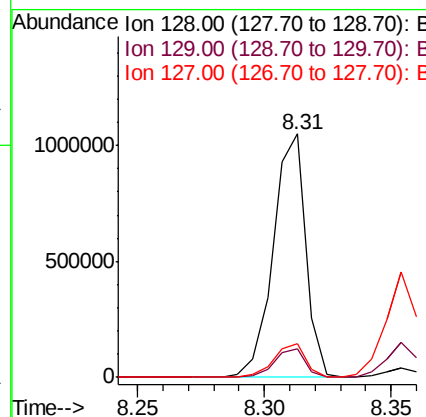
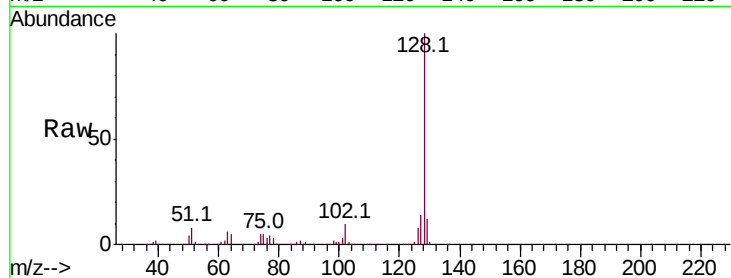
SSTDCCC040

Tot Ion:	128	Resp:	948631
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.8	13.2
127	13.9	10.9	16.3

Manual Integrations
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8/24/2018 12:14:34 PM



#32

Benzoic acid

Concen: 23.714 ng m

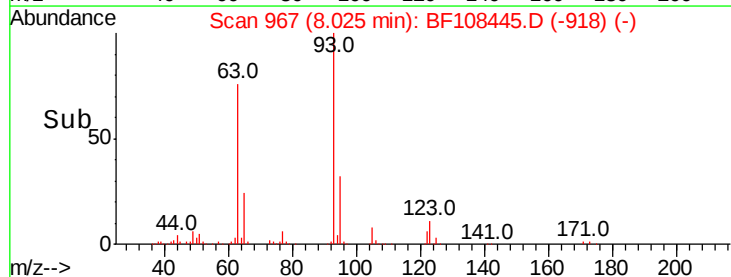
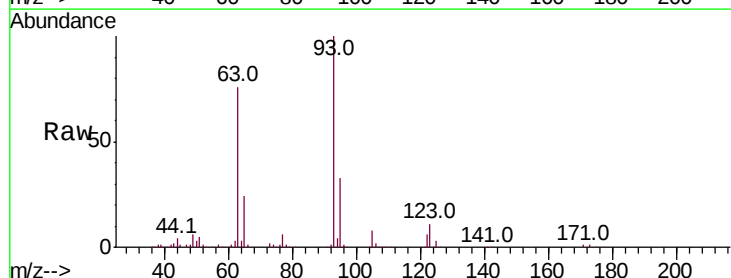
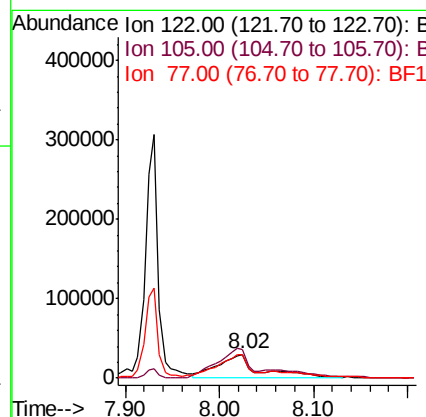
RT: 8.02 min Scan# 967

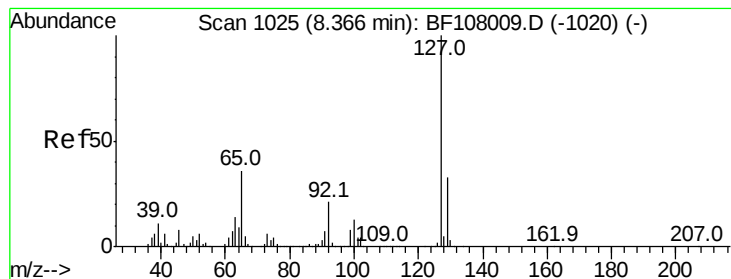
Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Tgt Ion:	122	Resp:	90216
Ion Ratio	Lower	Upper	
122	100		
105	122.3	101.1	141.1
77	97.5	70.7	110.7





#33
4-Chloroaniline
Concen: 39.897 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

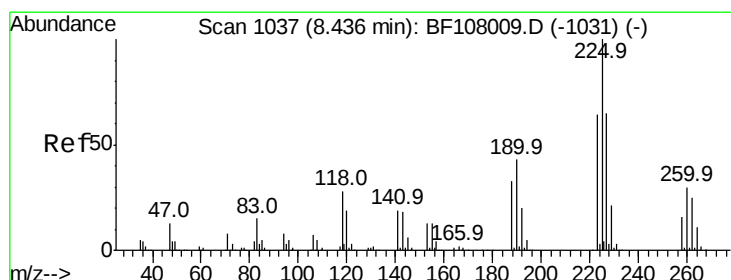
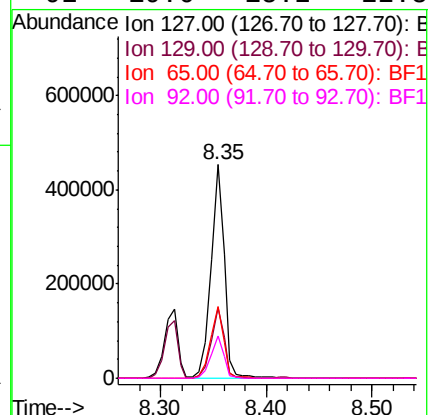
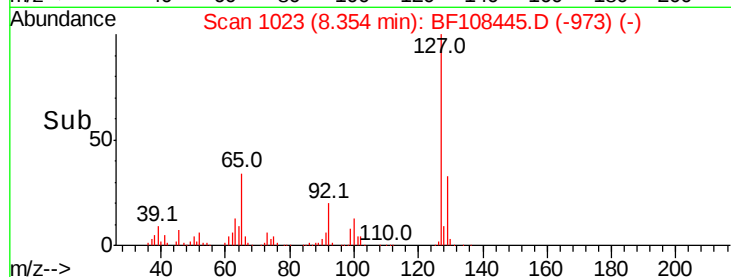
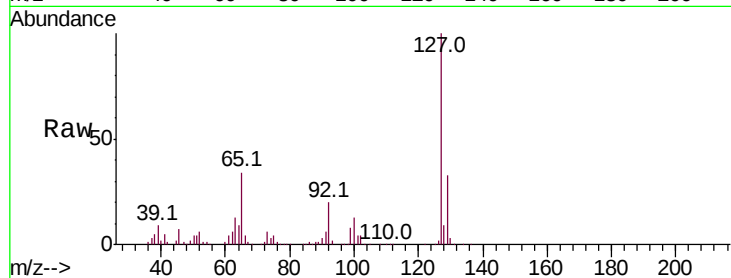
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	25.9	38.9	
65	33.8	25.0	37.4	
92	19.6	15.2	22.8	

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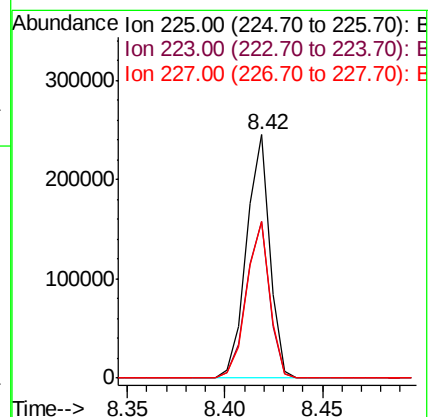
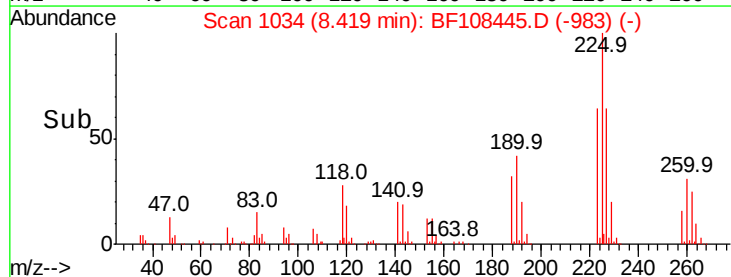
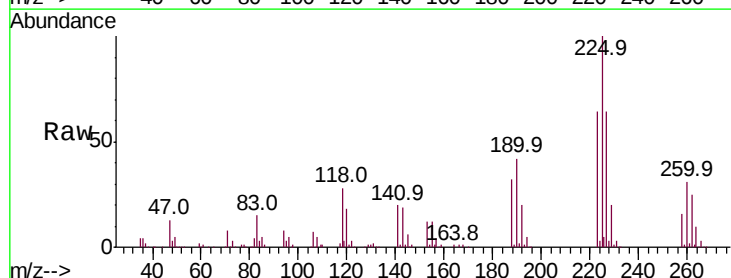
Sohil

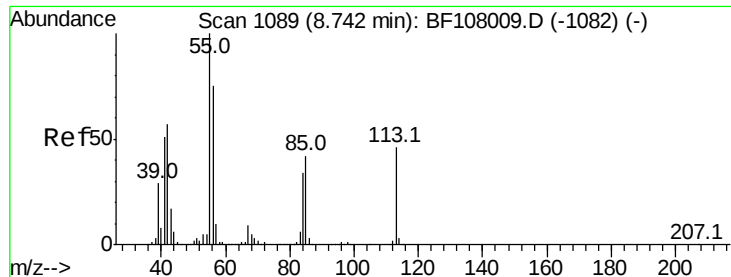
8/24/2018 12:14:34 PM



#34
Hexachlorobutadiene
Concen: 41.163 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	50.6	76.0	
227	64.2	51.9	77.9	





#35
 Caprolactam
 Concen: 36.901 ng
 RT: 8.73 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

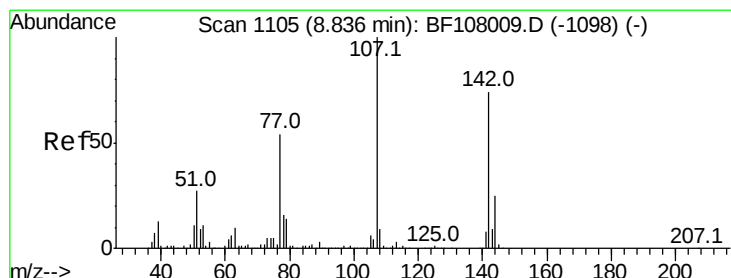
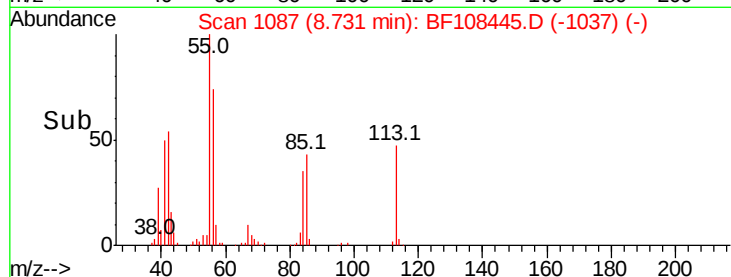
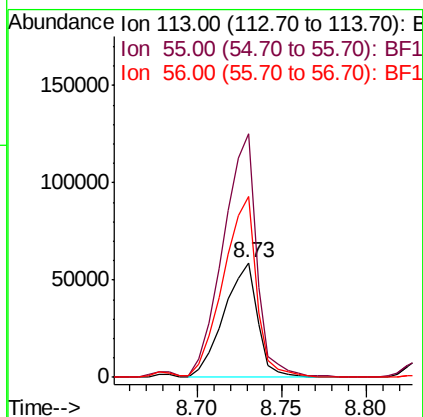
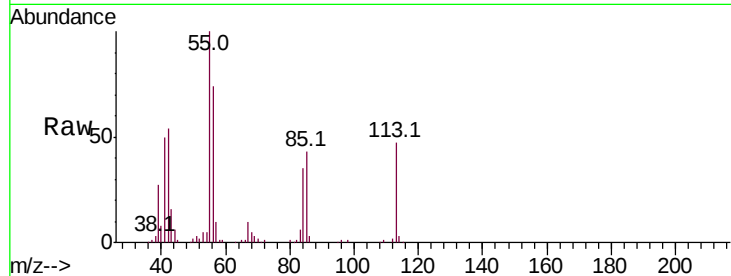
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 81655
 Ion Ratio Lower Upper
 113 100
 55 212.1 163.3 203.3#
 56 157.2 115.7 155.7#

Manual Integrations
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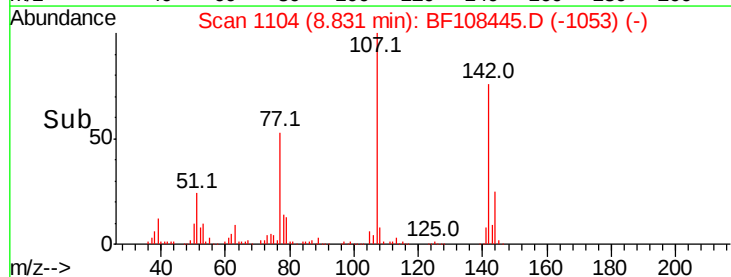
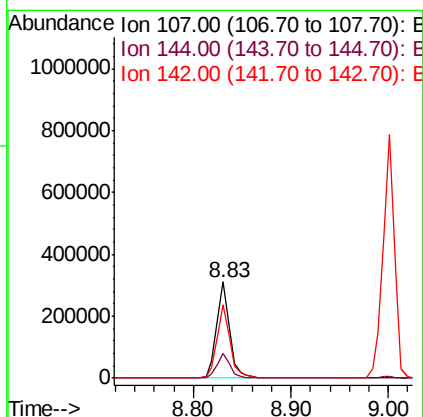
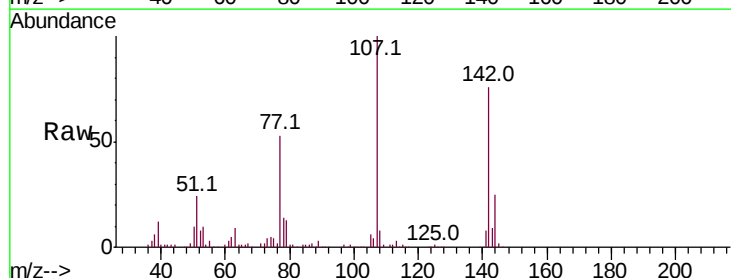
Sohil

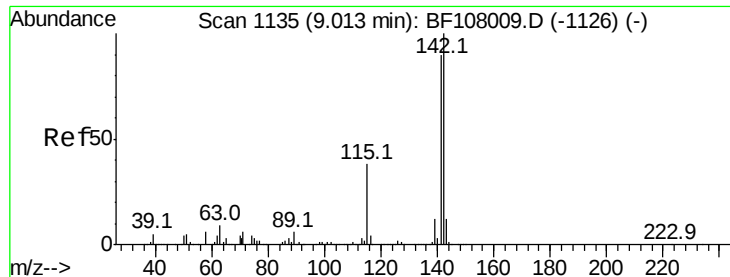
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#36
 4-Chloro-3-methylphenol
 Concen: 38.413 ng
 RT: 8.83 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

Tgt Ion:107 Resp: 292610
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 76.1 62.0 93.0





#37
2-Methylnaphthalene
Concen: 39.626 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

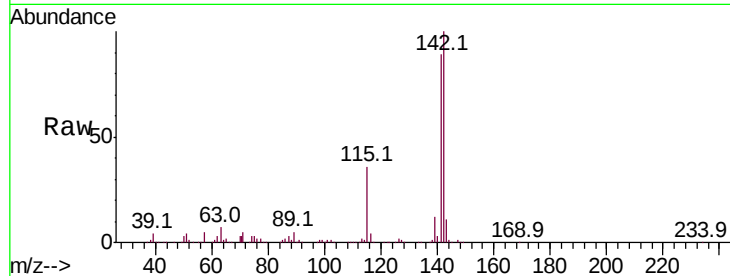
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	35.6	26.1	39.1

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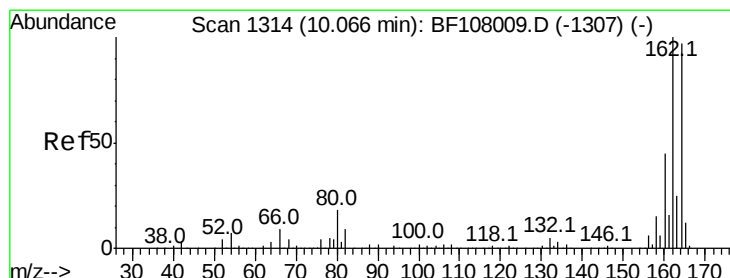
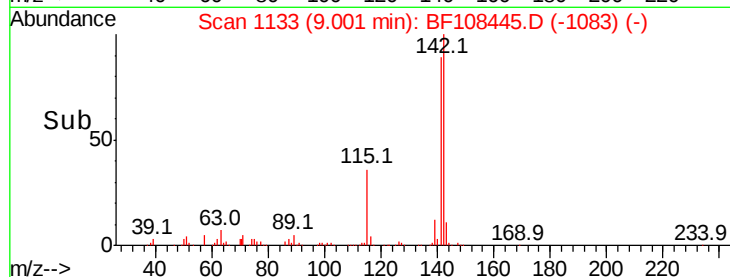
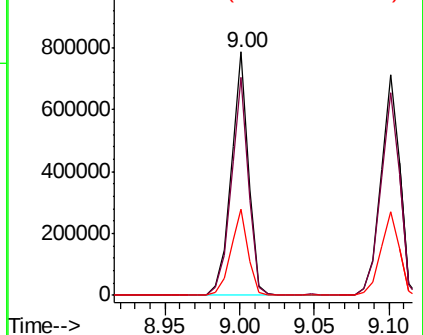


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

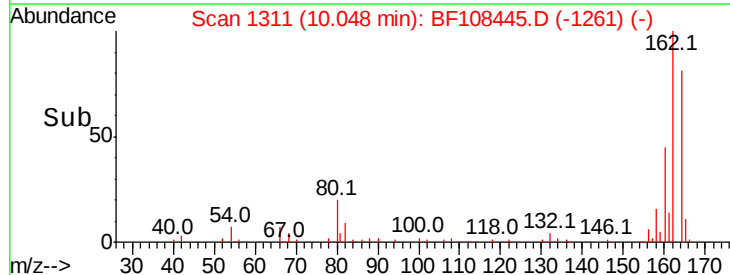
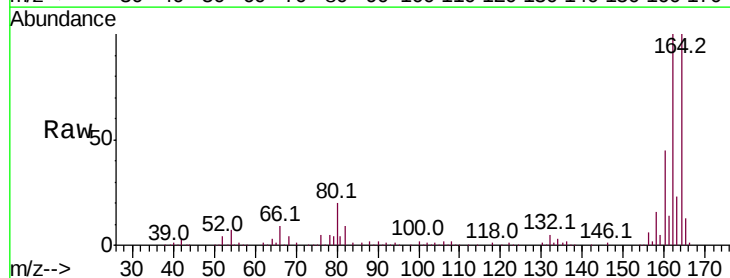
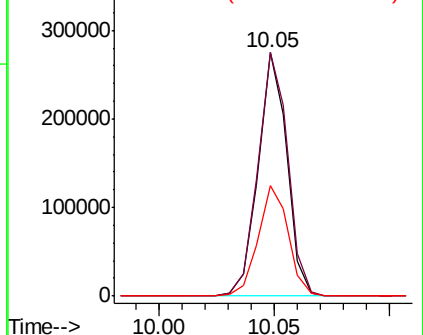
Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	86.1	129.1
160	45.2	38.3	57.5

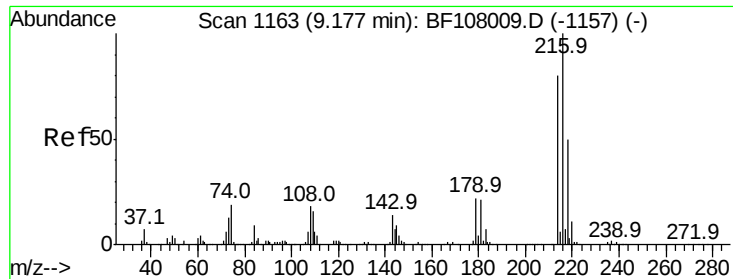
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.542 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

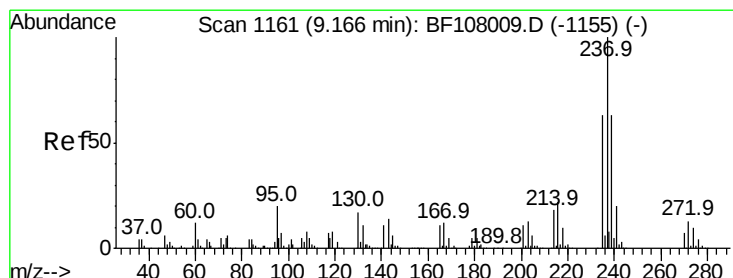
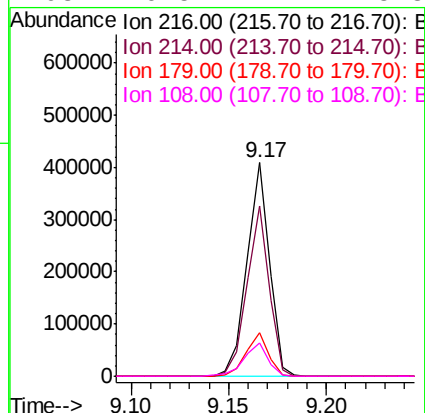
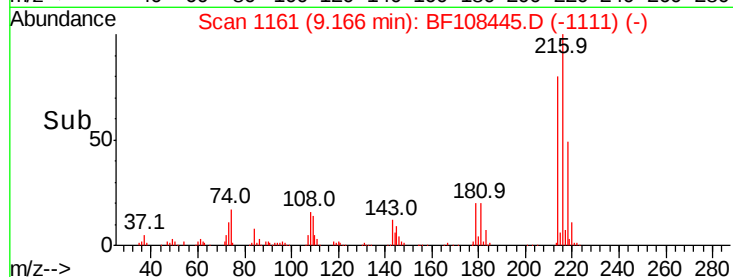
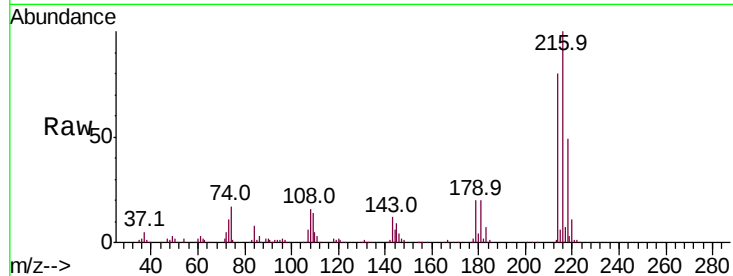
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	63.0	94.4
179	20.0	18.1	27.1
108	16.5	17.2	25.8#

Manual Integrations
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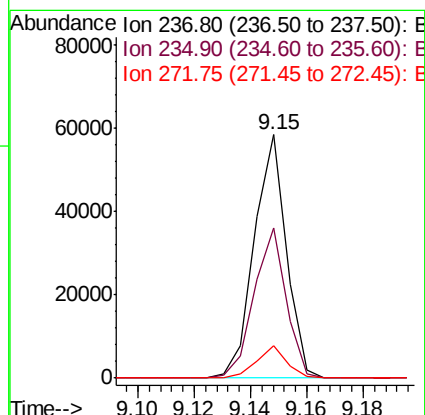
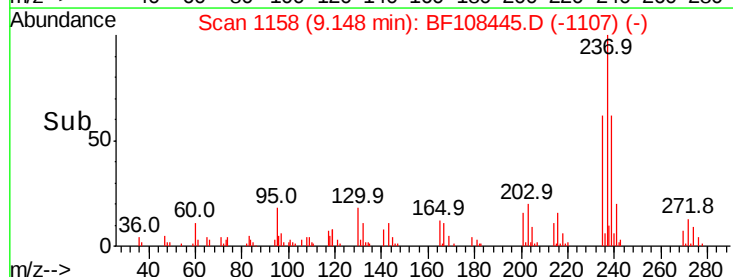
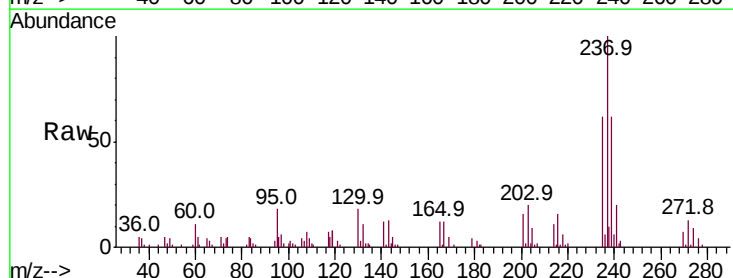
Sohil

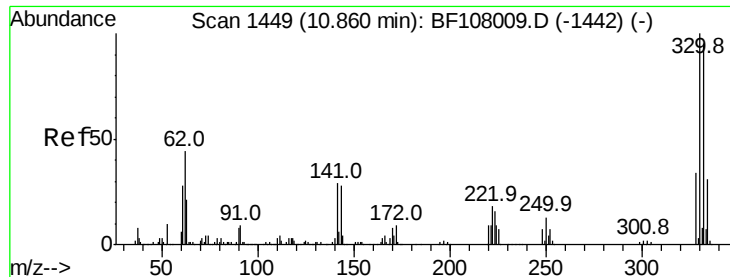
8/24/2018 12:14:34 PM



#40
 Hexachlorocyclopentadiene
 Concen: 9.703 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	44.8	84.8
272	13.1	0.0	33.3





#41
 2,4,6-Tribromophenol
 Concen: 71.352 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

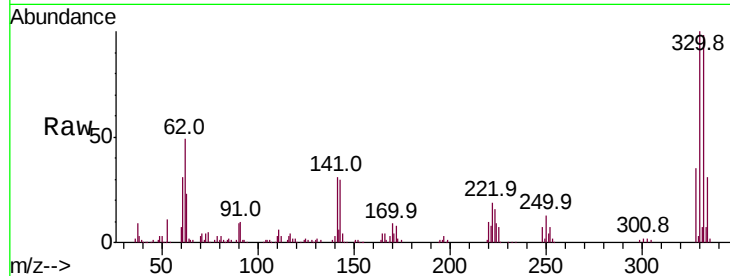
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	170299		
332	96.1	77.0	115.6	
141	32.0	29.9	44.9	

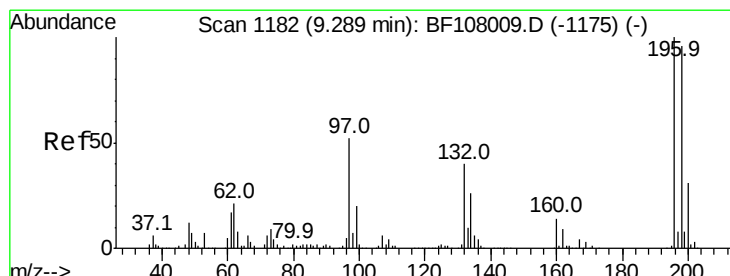
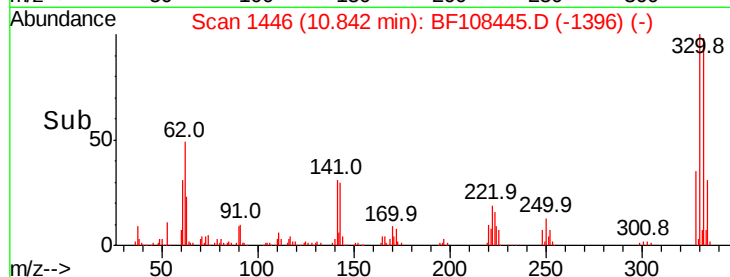
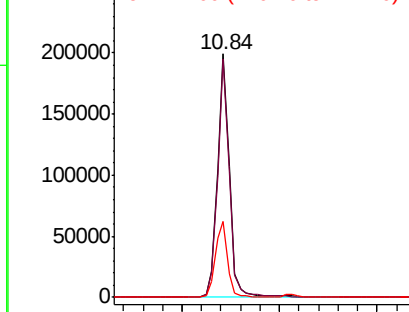
Manual Integrations
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Sohil

8/24/2018 12:14:34 PM



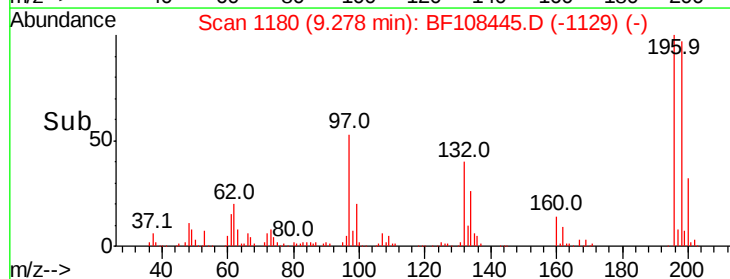
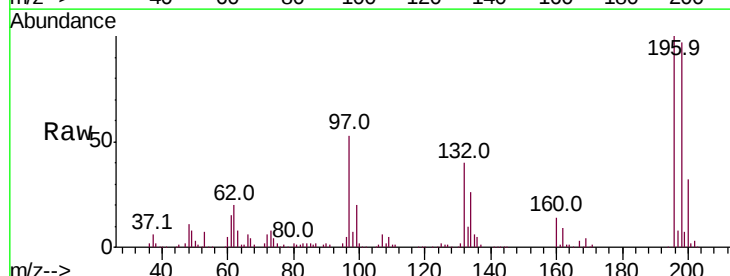
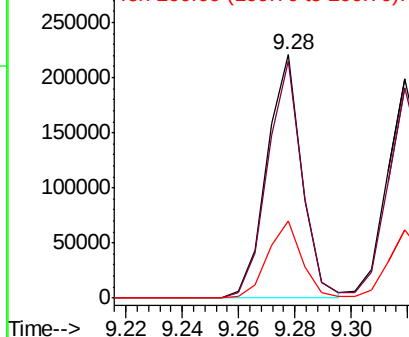
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

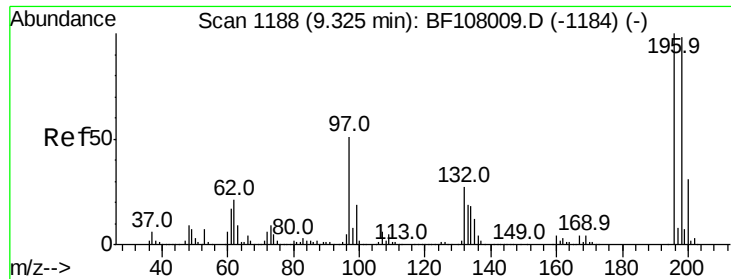


#42
 2,4,6-Trichlorophenol
 Concen: 41.583 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	189612		
198	97.5	75.7	113.5	
200	31.5	24.5	36.7	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
2,4,5-Trichlorophenol
Concen: 40.427 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

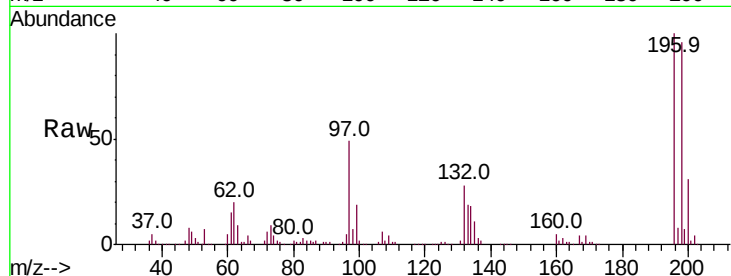
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202927		
198	95.8		74.6	112.0
97	49.2		42.9	64.3
132	27.6		26.3	39.5

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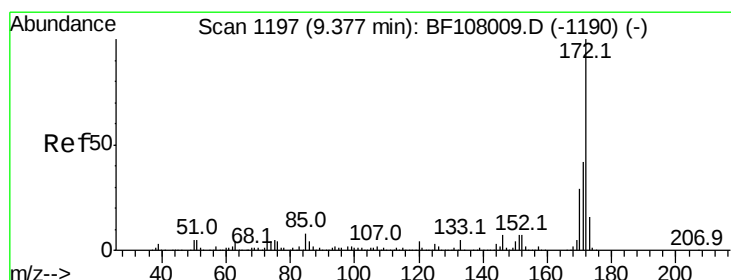
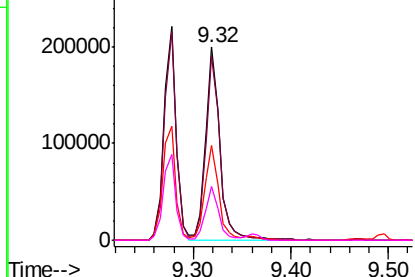
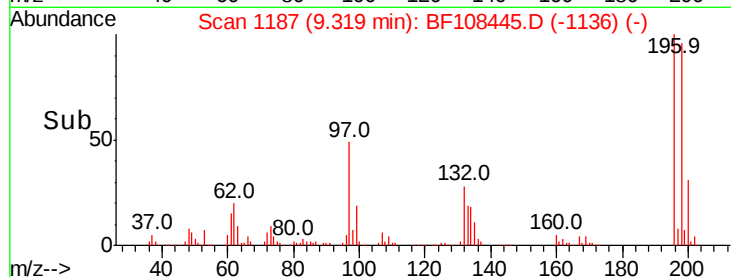
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 91.802 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

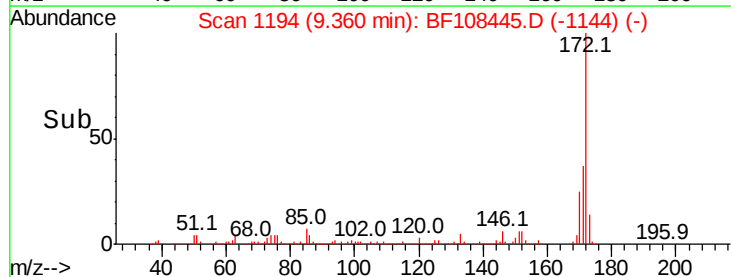
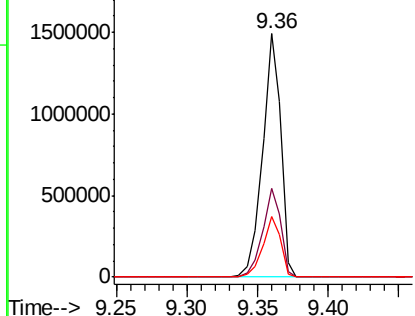
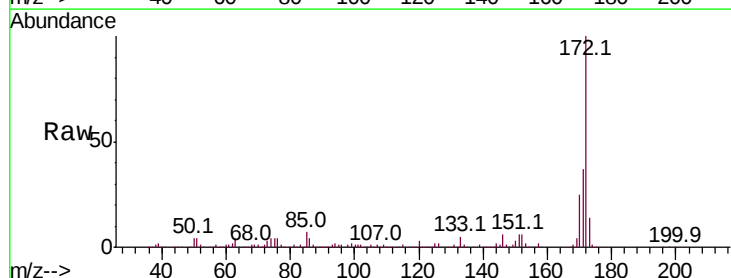
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1368220		
171	36.6		29.7	44.5
170	24.7		19.6	29.4

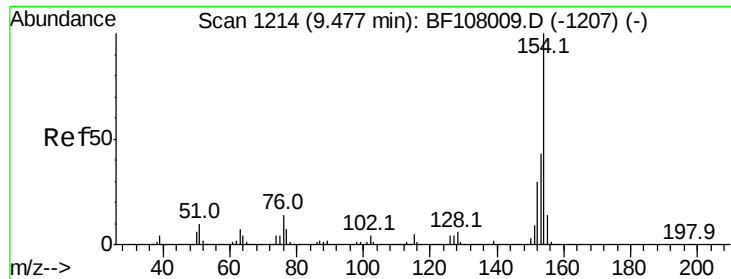
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45
 1,1'-Biphenyl
 Concen: 44.095 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

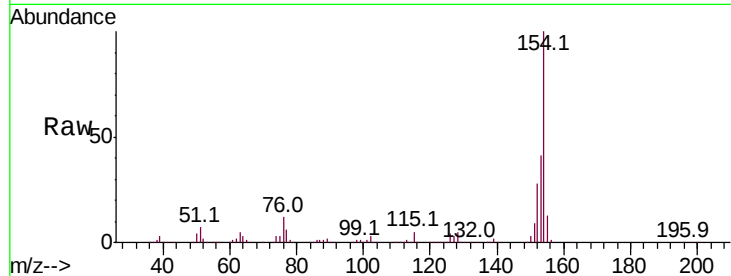
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	154	Resp:	777920
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.3	61.3
76	11.6	0.0	34.0

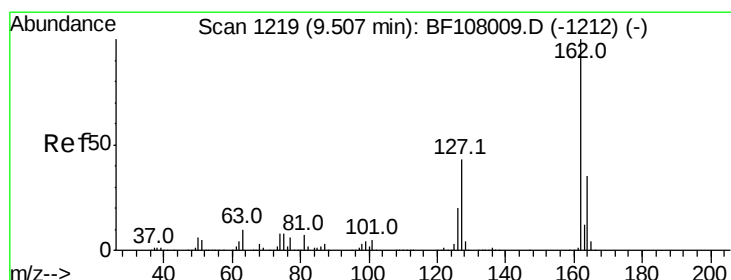
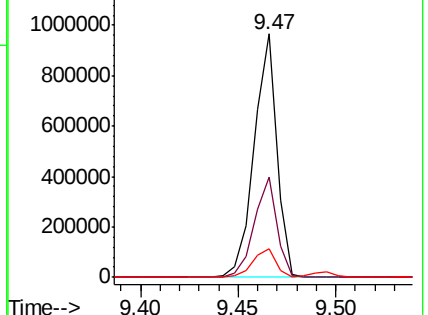
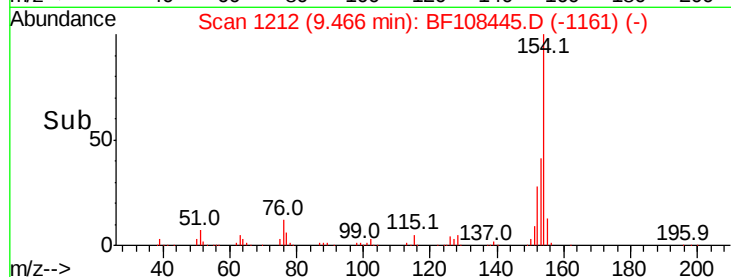
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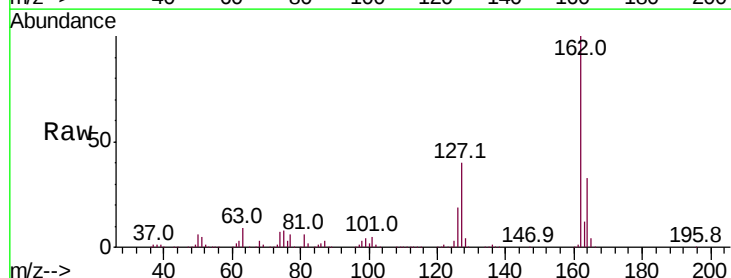


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

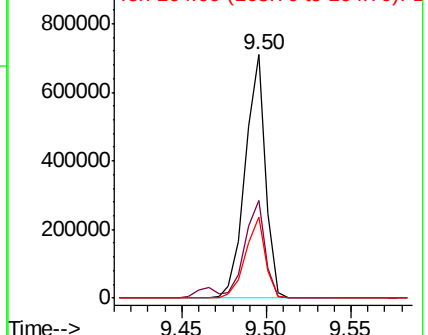
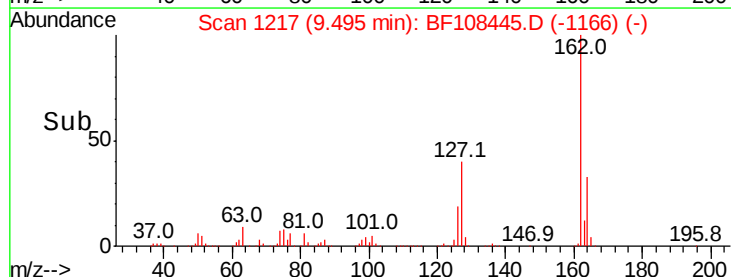


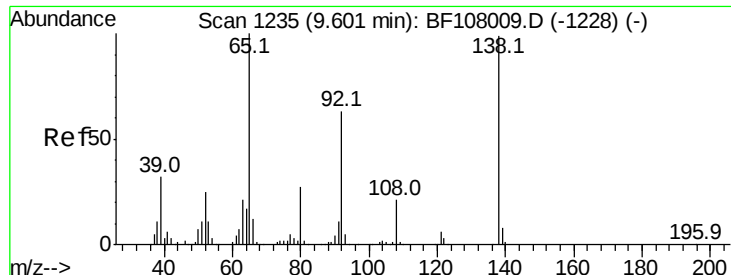
#46
 2-Chloronaphthalene
 Concen: 42.537 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

Tgt Ion:	162	Resp:	593118
Ion Ratio	Lower	Upper	
162	100		
127	40.4	33.9	50.9
164	33.1	26.5	39.7



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





#47
2-Nitroaniline
Concen: 44.064 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

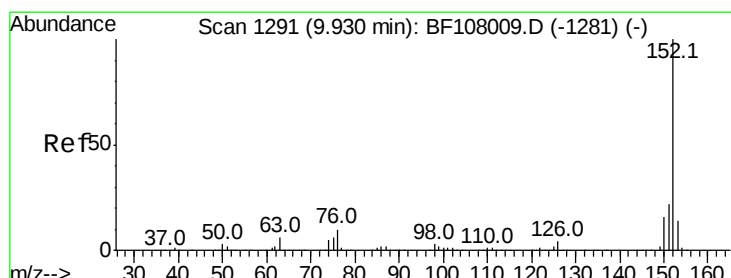
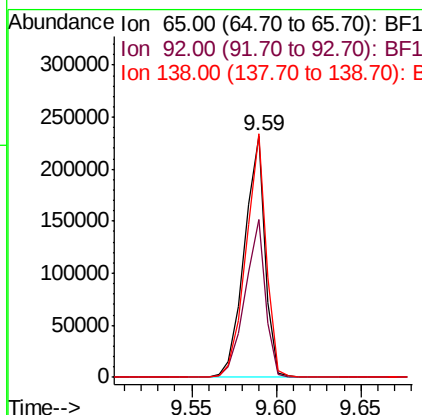
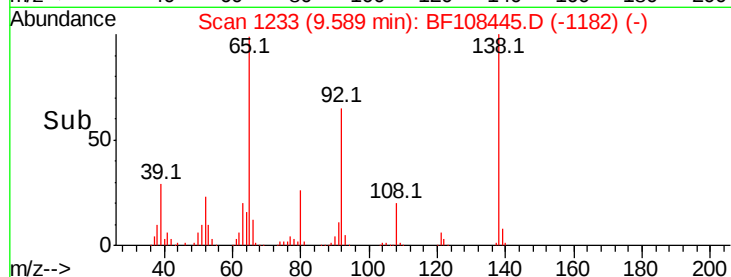
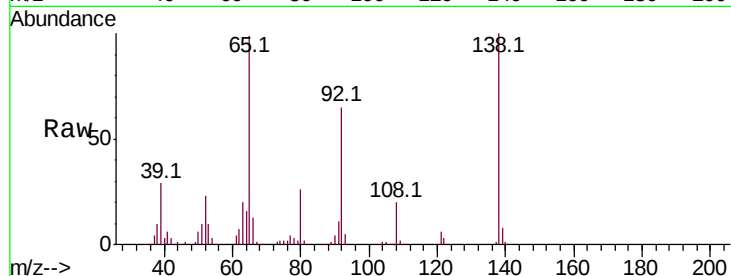
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.2	55.8	83.6
138	100.8	91.2	136.8

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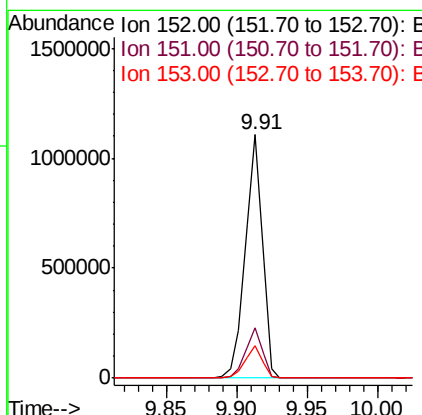
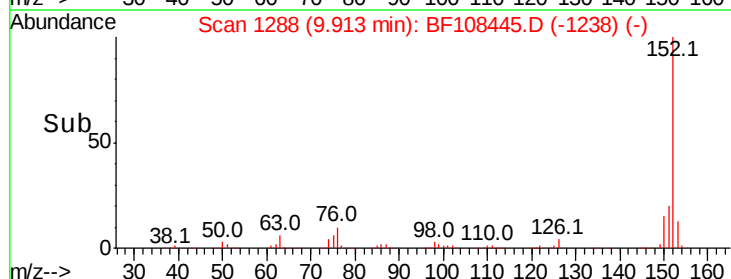
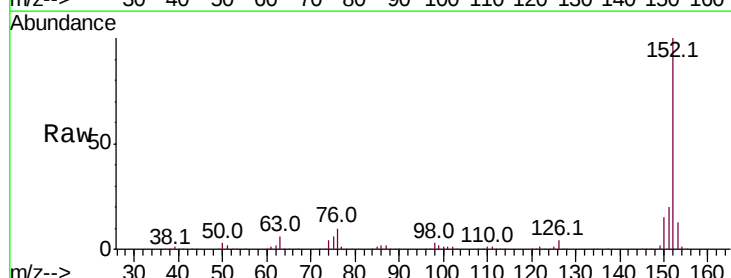
Sohil

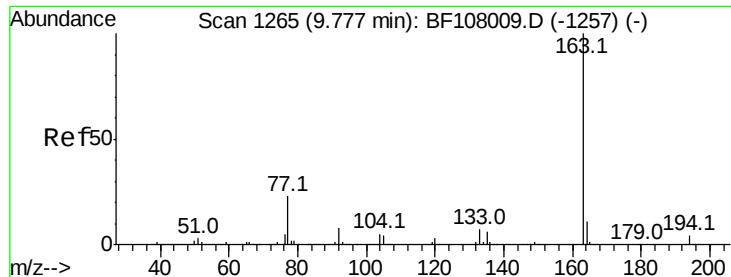
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#48
Acenaphthylene
Concen: 42.538 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.4	10.7	16.1





#49
Dimethylphthalate
Concen: 43.286 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

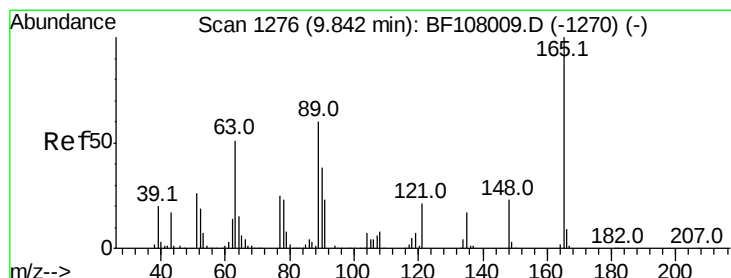
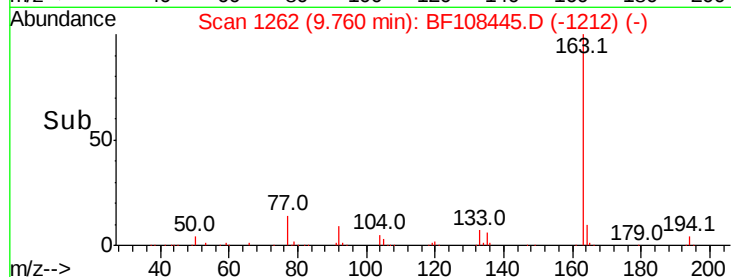
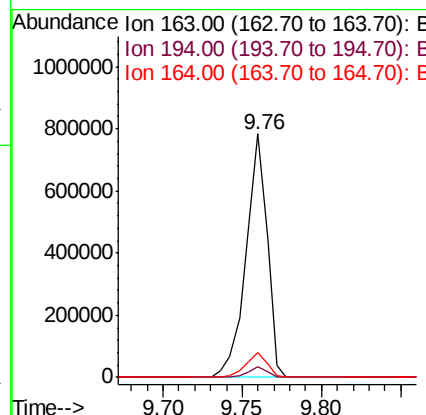
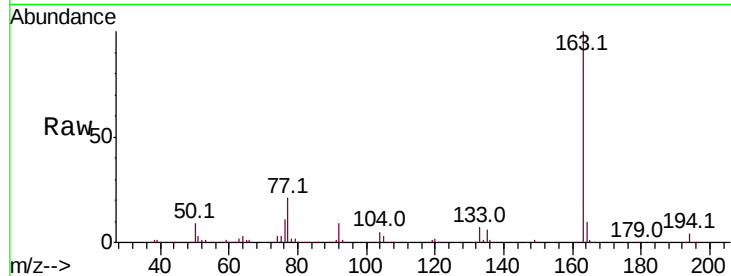
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	10.2	8.2	12.2	

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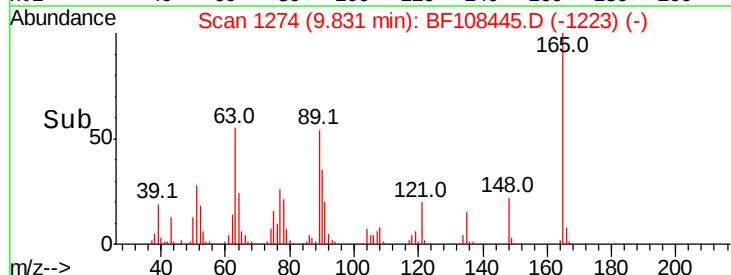
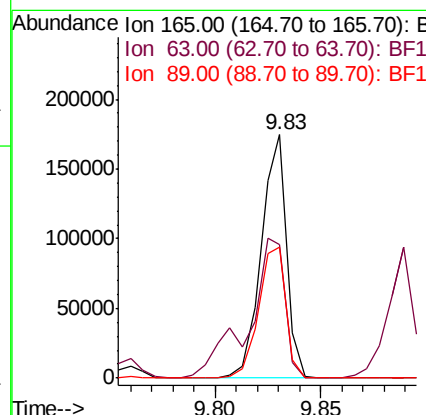
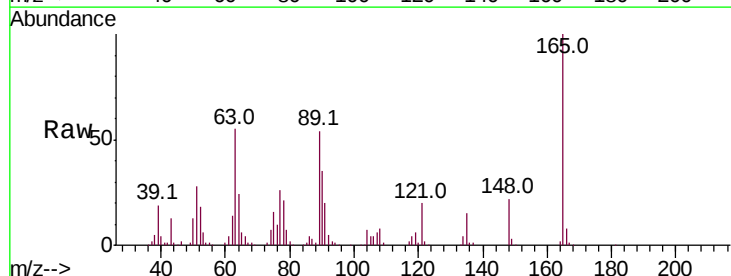
Sohil

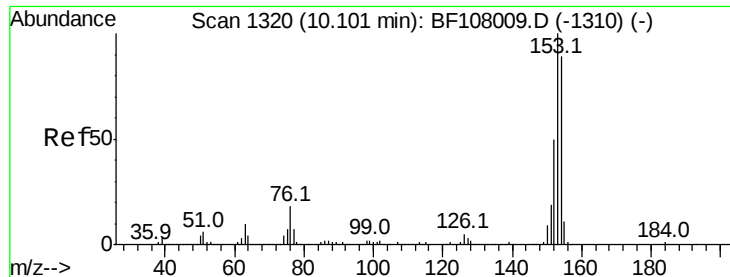
8/24/2018 12:14:34 PM



#50
2,6-Dinitrotoluene
Concen: 41.680 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.0	44.7	67.1	
89	53.6	44.0	66.0	





#51

Acenaphthene

Concen: 39.397 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

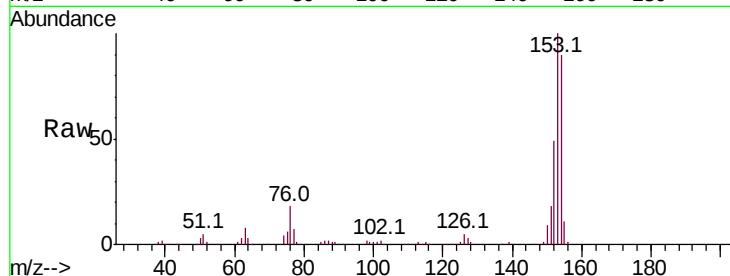
SSTDCCC040

Tot Ion:	154	Resp:	531926
Ion Ratio	Lower	Upper	
154	100		
153	111.3	91.2	136.8
152	54.3	43.8	65.8

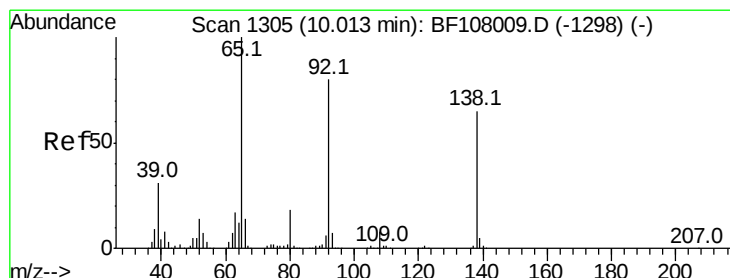
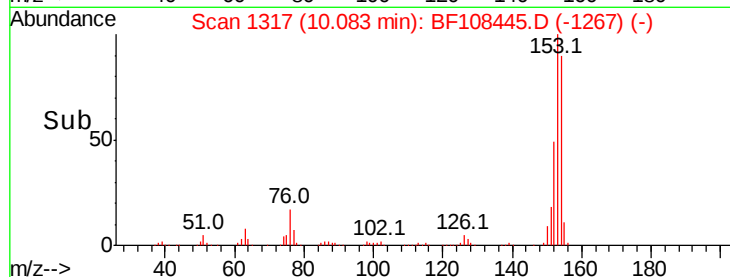
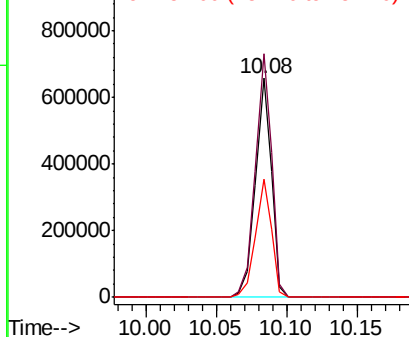
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.147 ng

RT: 10.00 min Scan# 1303

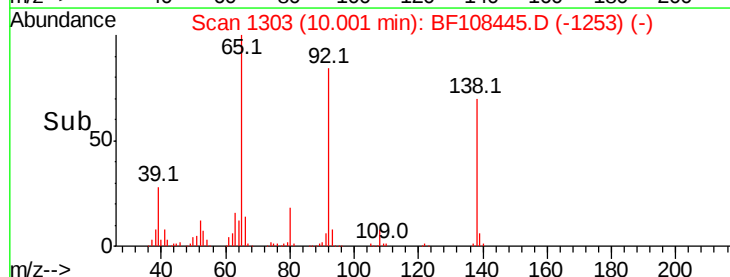
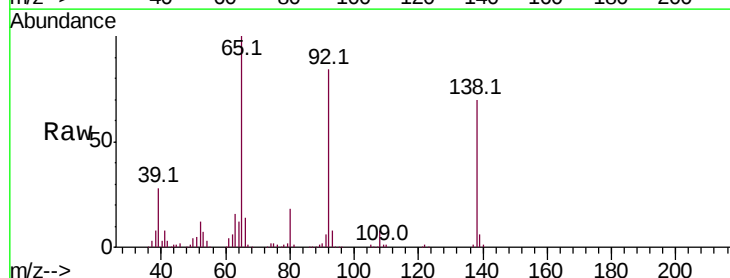
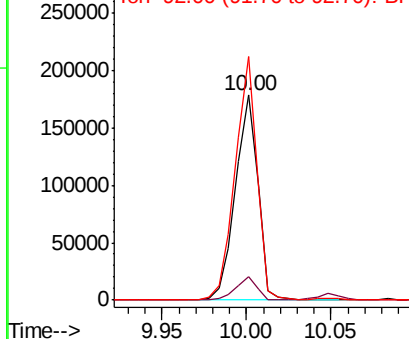
Delta R.T. -0.01 min

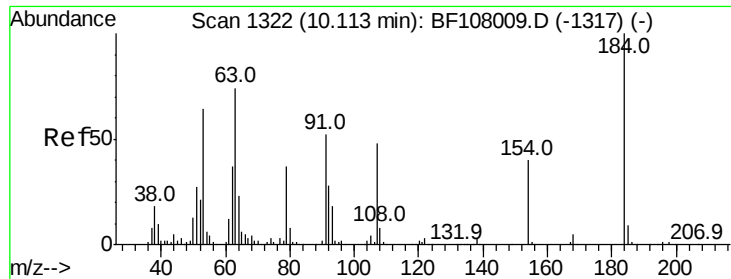
Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Tgt Ion:	138	Resp:	164624
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.4	14.0
92	118.8	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: 9.559 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

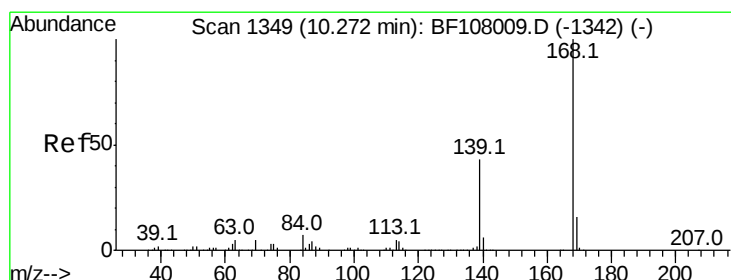
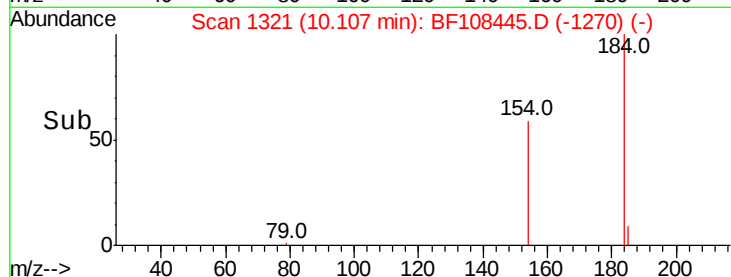
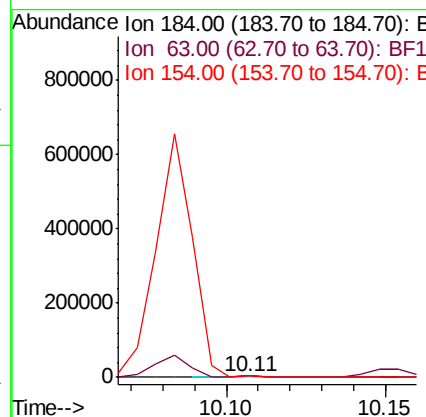
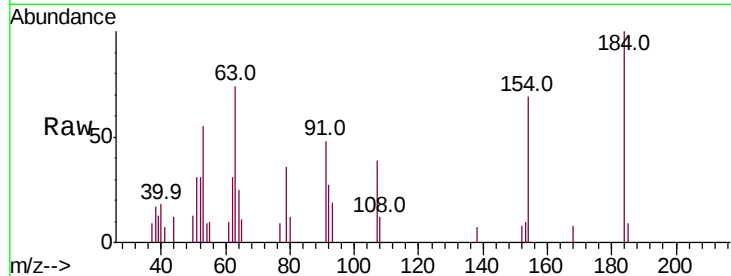
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.4	54.2	81.2
154	69.0	184.0	276.0#

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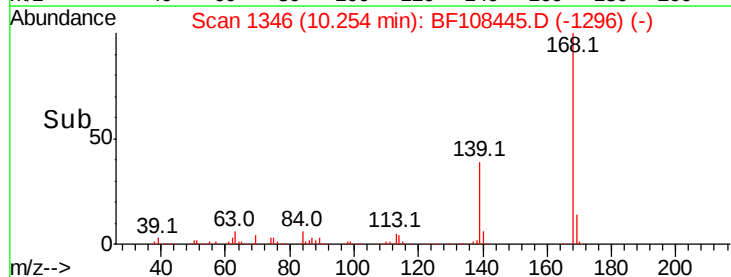
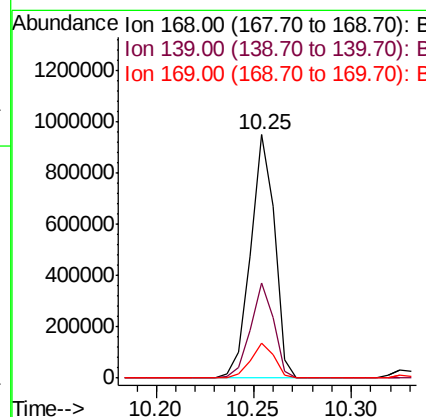
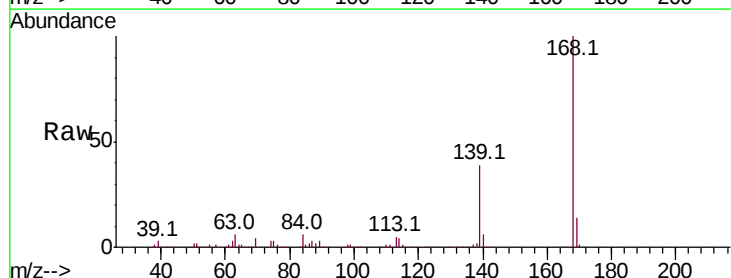
Sohil

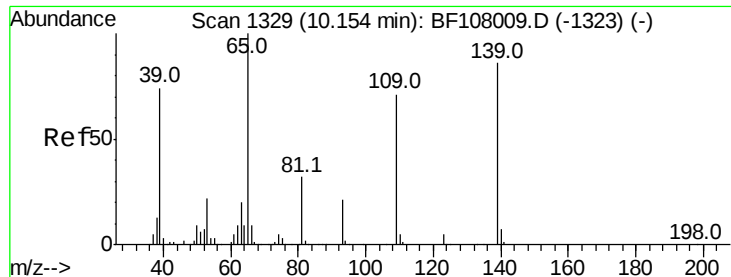
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#54
Dibenzofuran
Concen: 41.421 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	14.5	10.9	16.3





#55

4-Nitrophenol

Concen: 27.875 ng

RT: 10.15 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampled :

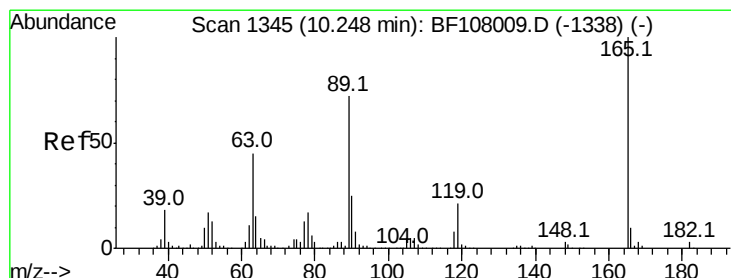
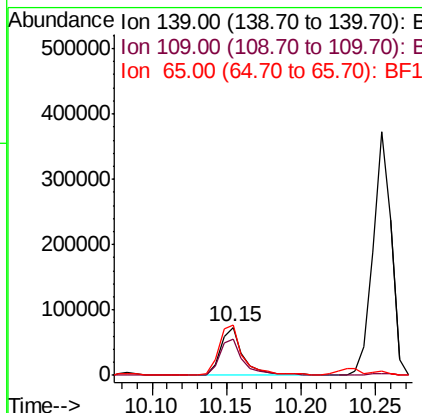
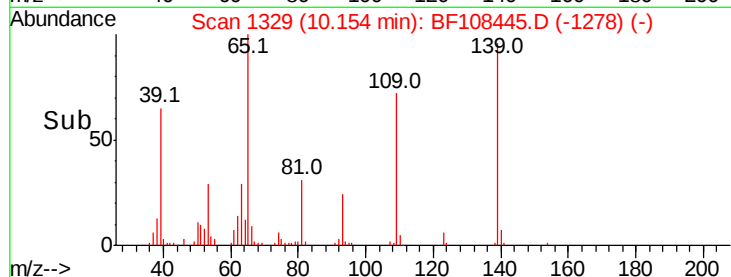
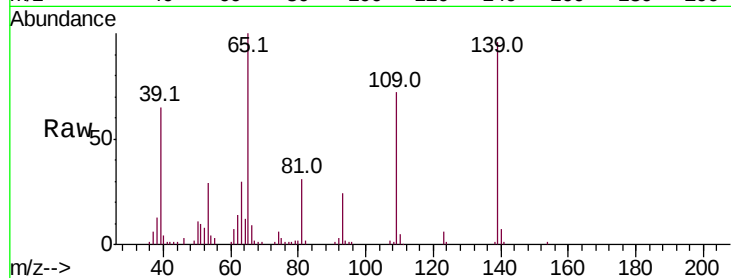
SSTDCCC040

Tot Ion:	139	Resp:	80538
Ion Ratio	Lower	Upper	
139	100		
109	75.0	48.4	88.4
65	104.2	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 41.041 ng

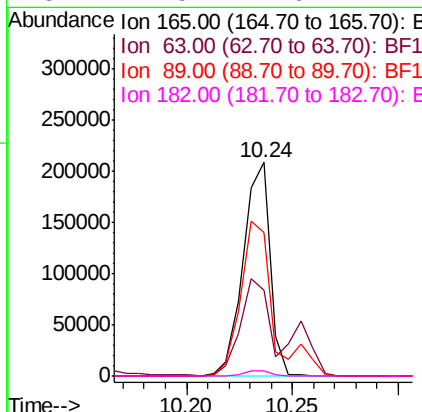
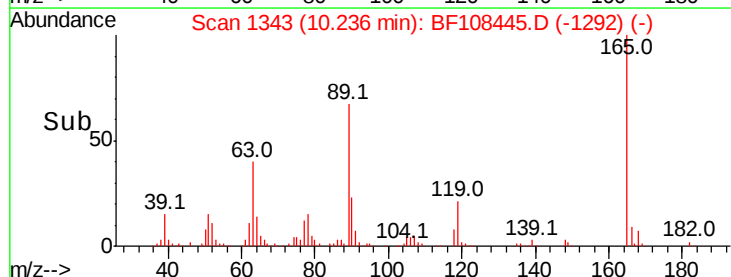
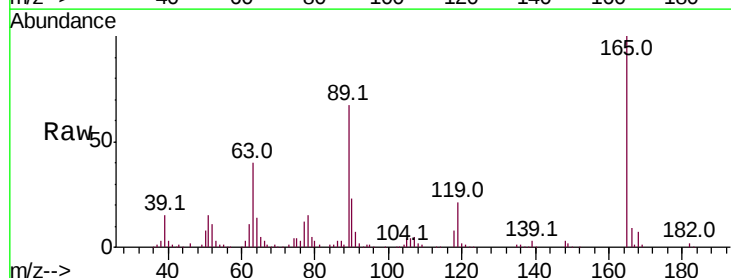
RT: 10.24 min Scan# 1343

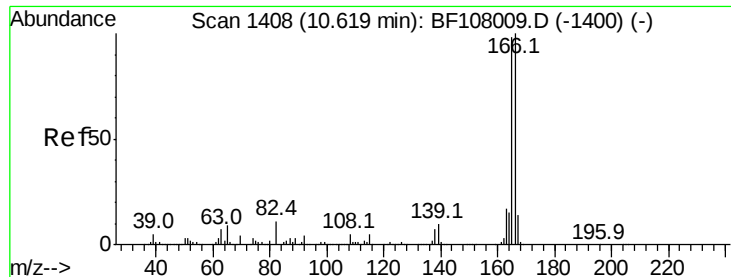
Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Tgt Ion:	165	Resp:	184224
Ion Ratio	Lower	Upper	
165	100		
63	40.4	36.4	54.6
89	67.1	57.8	86.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 40.223 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 622846

Ion Ratio Lower Upper

166 100

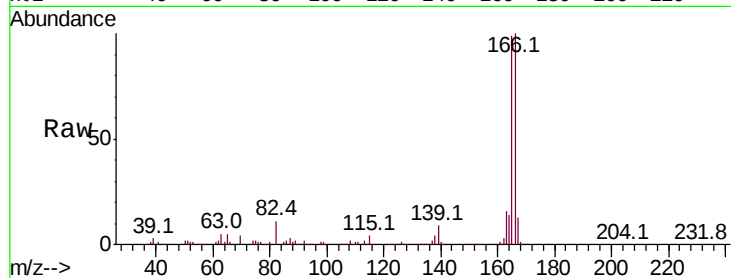
165 98.7 79.8 119.8

167 13.4 10.6 16.0

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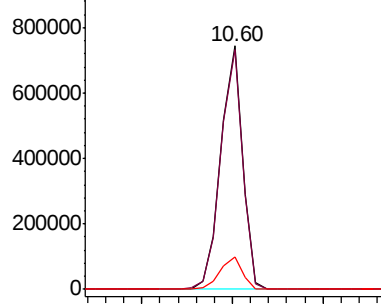
8/24/2018 12:14:34 PM



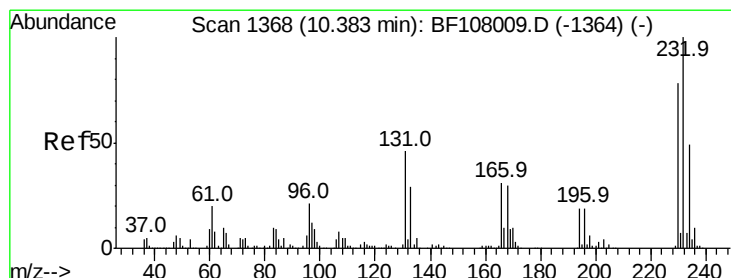
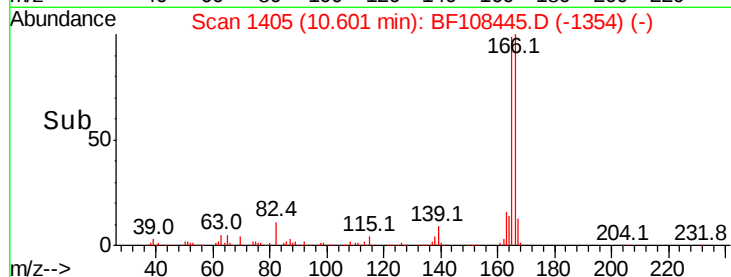
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.447 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Tgt Ion:232 Resp: 140326

Ion Ratio Lower Upper

232 100

131 43.2 43.8 65.8#

130 2.0 2.1 3.1#

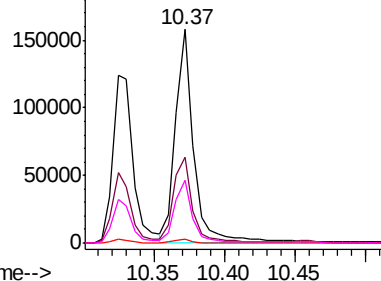
166 29.2 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E

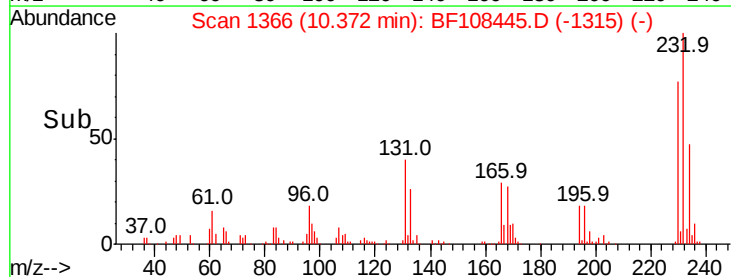
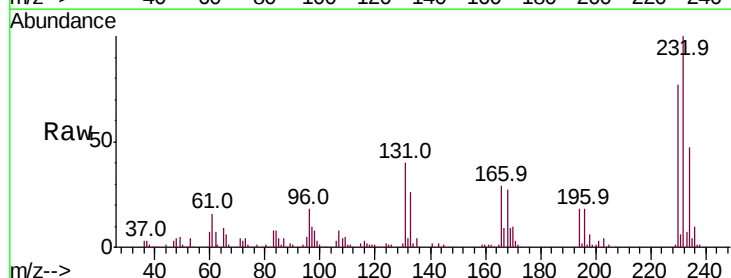
Ion 131.00 (130.70 to 131.70): E

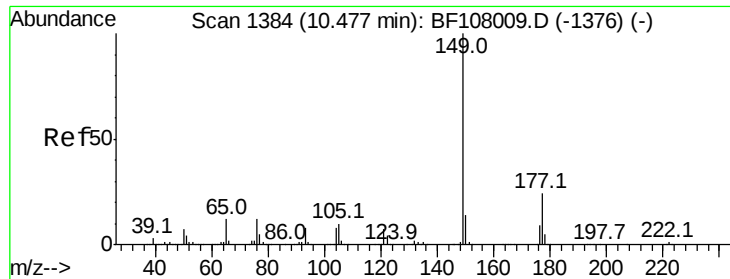
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->





#59
 Diethylphthalate
 Concen: 42.530 ng
 RT: 10.45 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

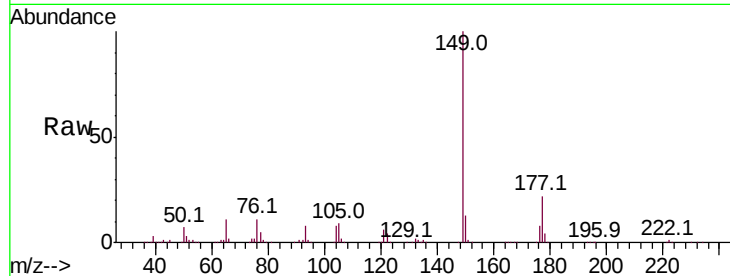
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	149	Resp:	686436
Ion Ratio	Lower	Upper	
149	100		
177	21.9	16.1	24.1
150	12.9	10.1	15.1

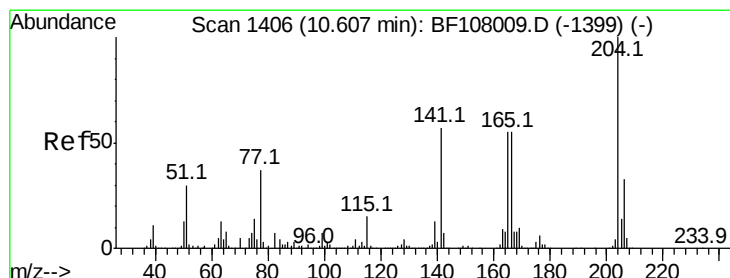
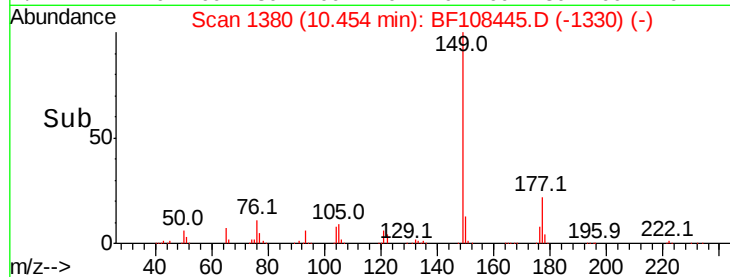
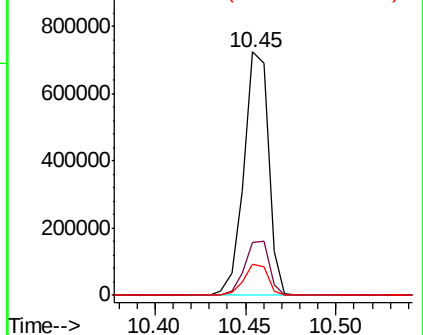
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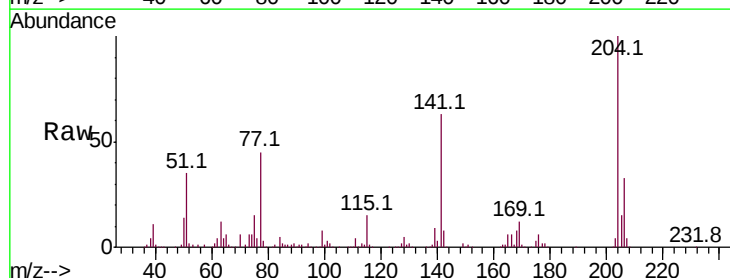


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

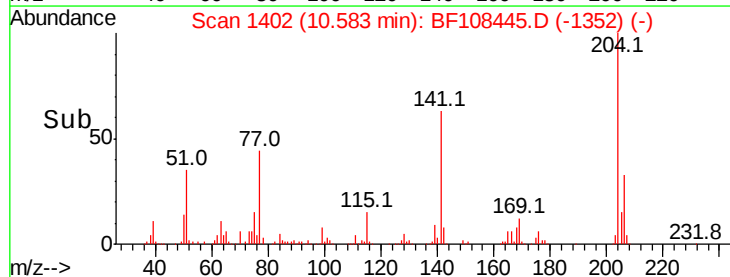
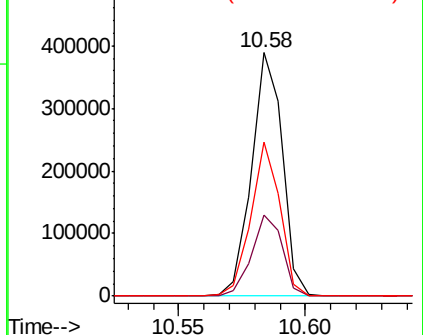


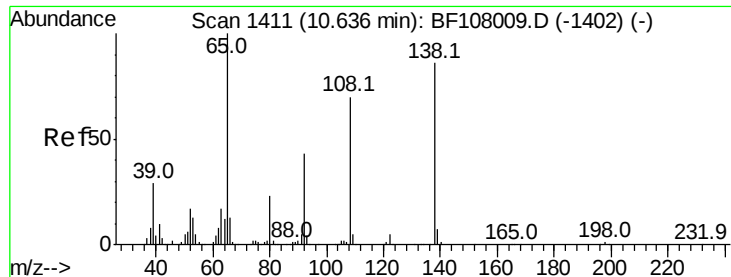
#60
 4-Chlorophenyl-phenylether
 Concen: 40.715 ng
 RT: 10.58 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

Tgt Ion:	204	Resp:	328522
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.5	39.7
141	63.3	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: 41.236 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

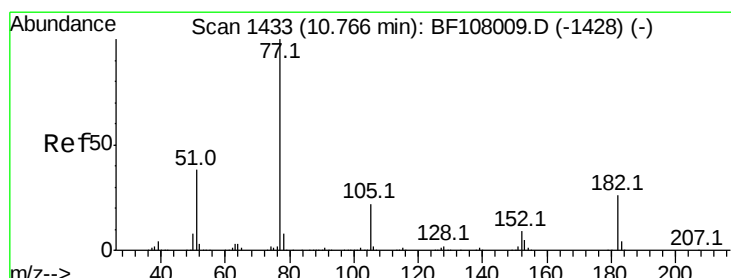
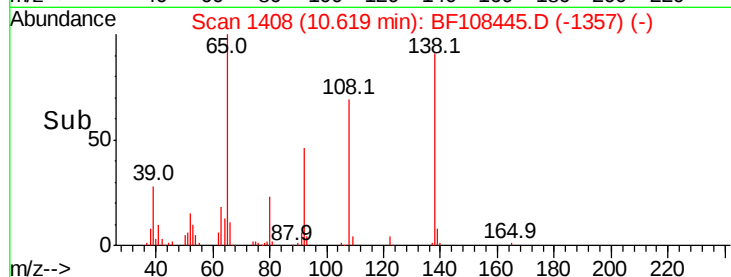
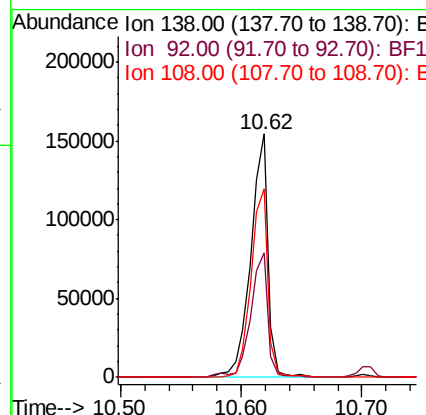
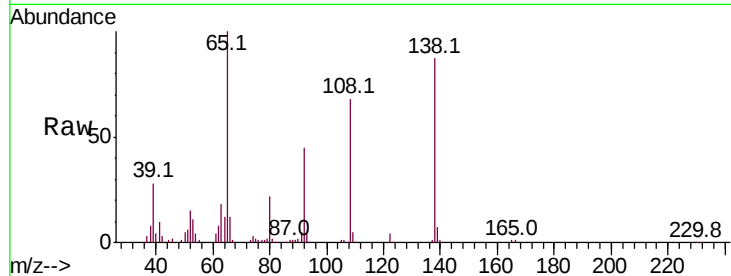
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138	Resp:	155551
Ion Ratio	Lower	Upper
138 100		
92 51.2	30.2	70.2
108 77.4	52.5	92.5

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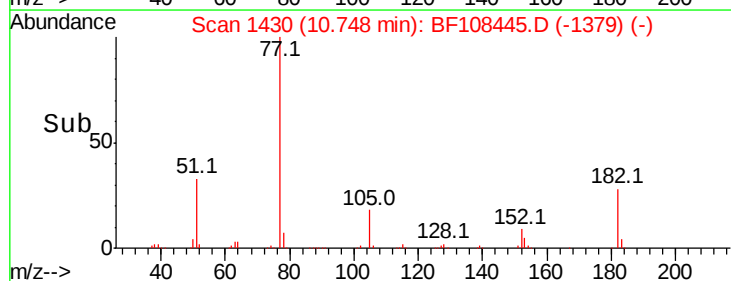
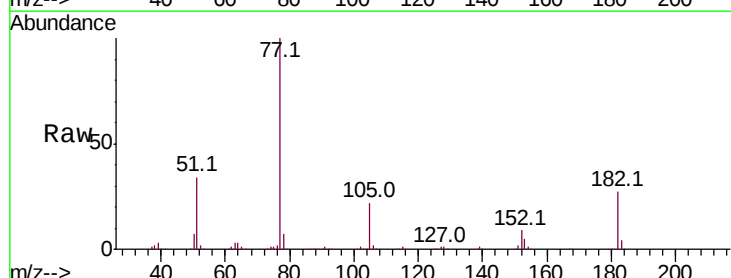
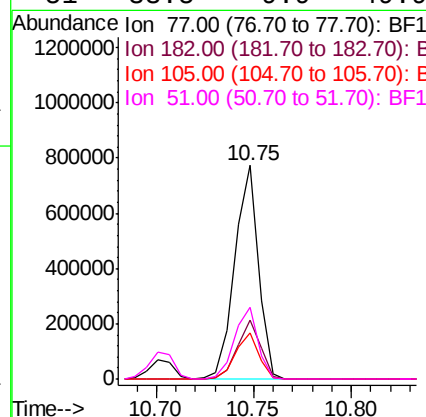
Sohil

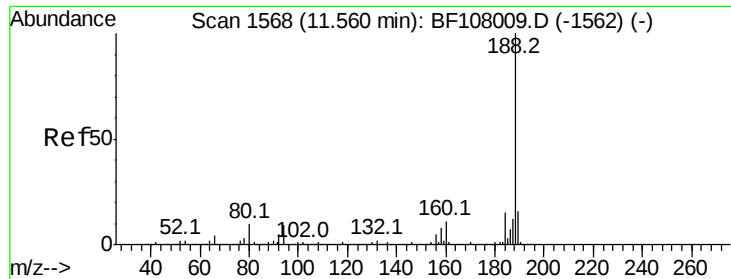
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#62
Azobenzene
Concen: 39.000 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

Tgt Ion: 77	Resp:	650060
Ion Ratio	Lower	Upper
77 100		
182 27.4	1.7	41.7
105 21.8	3.0	43.0
51 33.5	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: BF108445.D
Acq: 24 Aug 2018 3:09

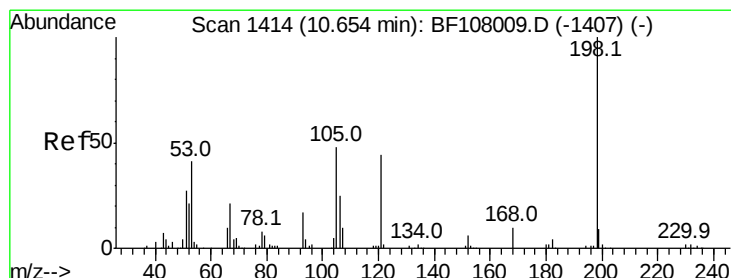
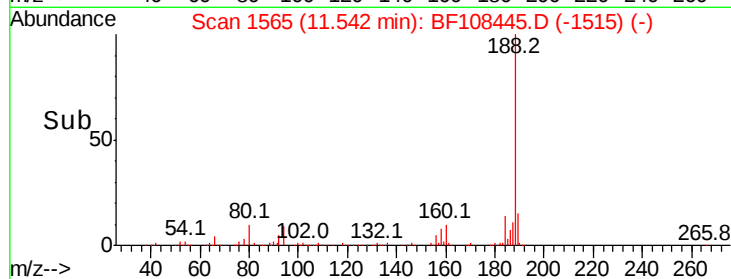
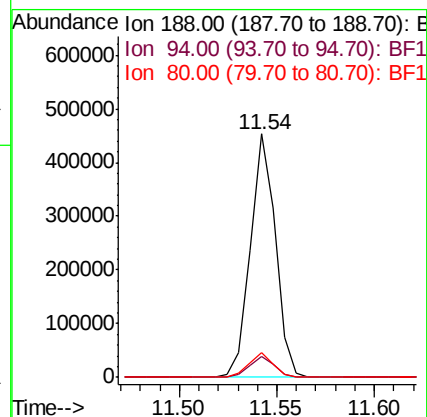
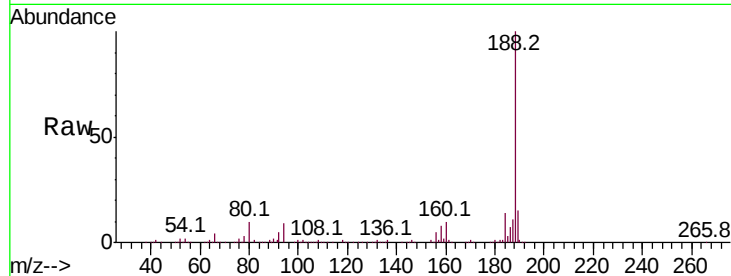
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.9	9.2	13.8

Manual Integrations
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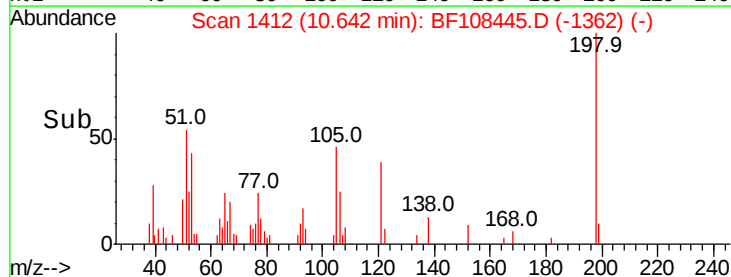
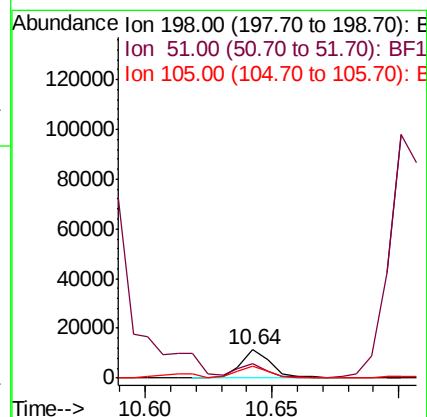
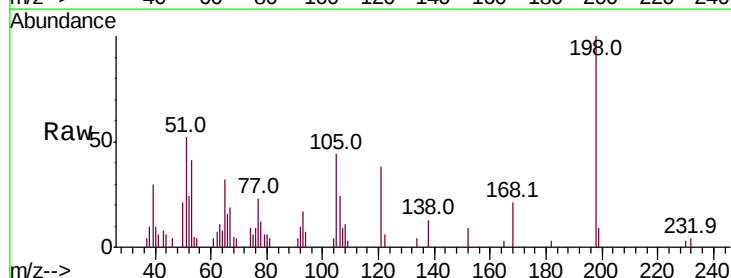
Sohil

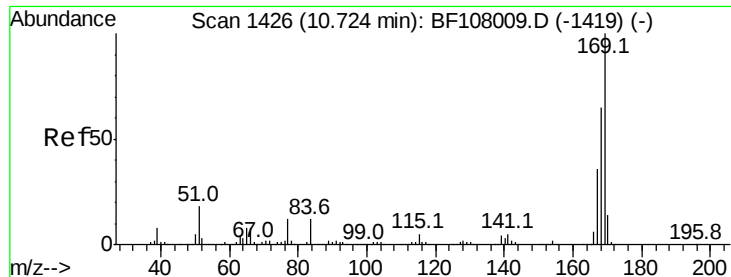
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#64
4,6-Dinitro-2-methylphenol
Concen: 10.927 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	51.7	37.7	77.7
105	43.6	36.3	76.3





#65
n-Nitrosodiphenylamine
Concen: 47.763 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

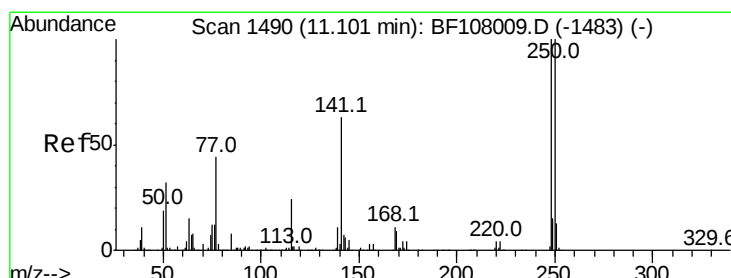
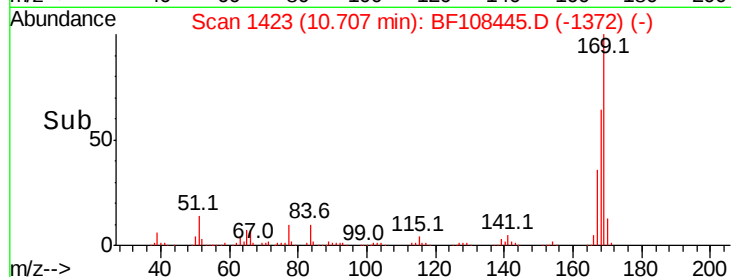
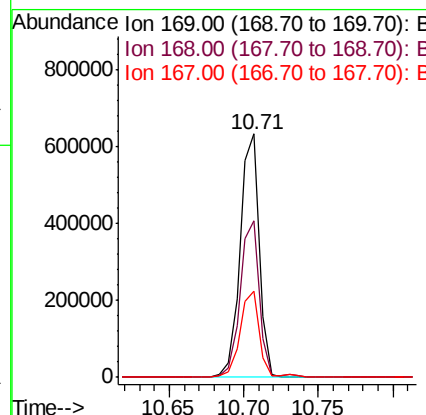
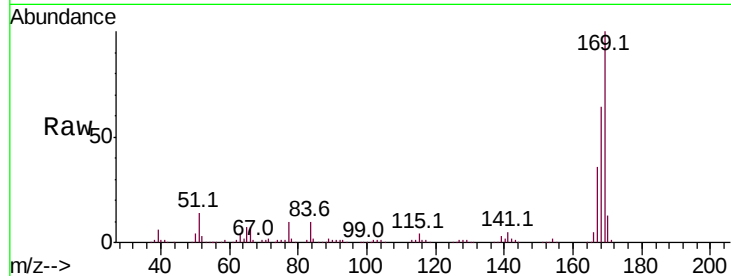
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.1	54.4	81.6	
167	35.5	29.8	44.6	

Manual Integrations
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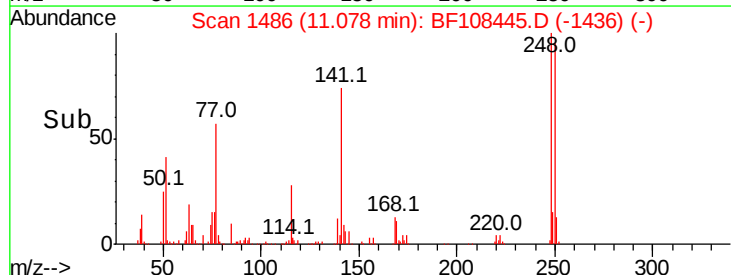
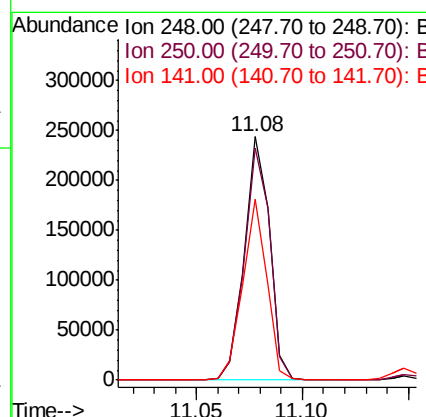
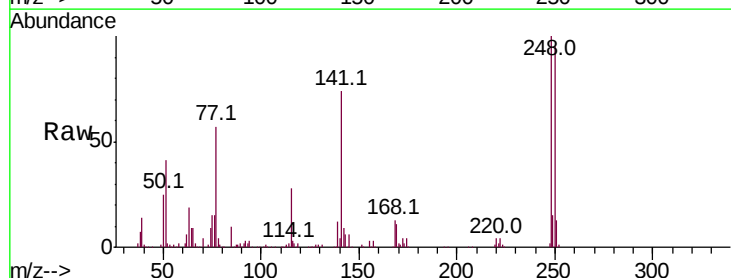
Sohil

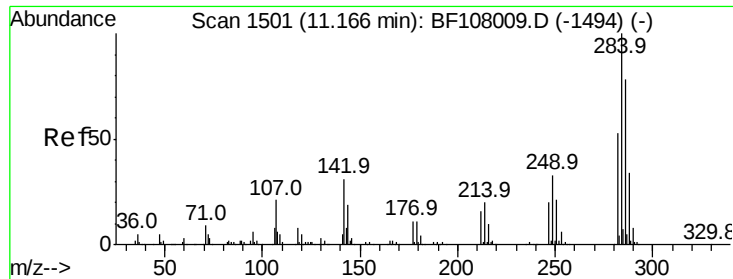
8/24/2018 12:14:34 PM



#66
4-Bromophenyl-phenylether
Concen: 45.907 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.1	76.9	115.3	
141	74.1	74.4	111.6	





#67

Hexachlorobenzene

Concen: 43.677 ng

RT: 11.15 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

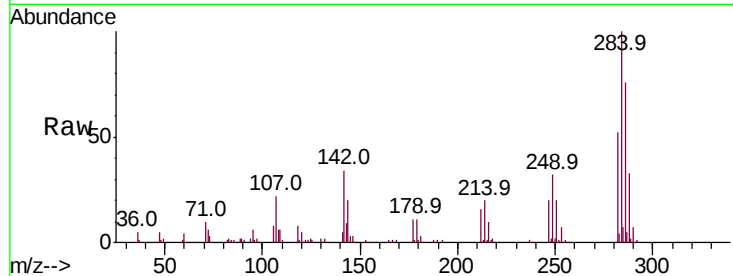
SSTDCCC040

Tot Ion:	284	Resp:	201422
Ion Ratio	Lower	Upper	
284	100		
142	33.6	34.6	52.0#
249	32.5	24.8	37.2

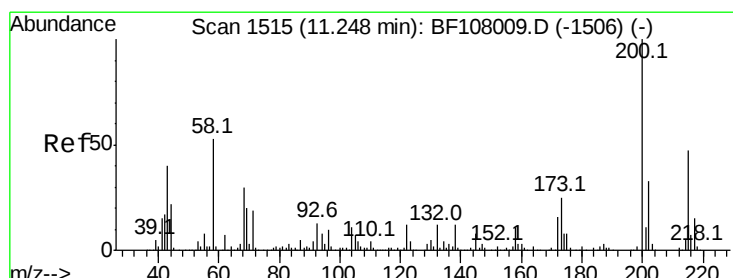
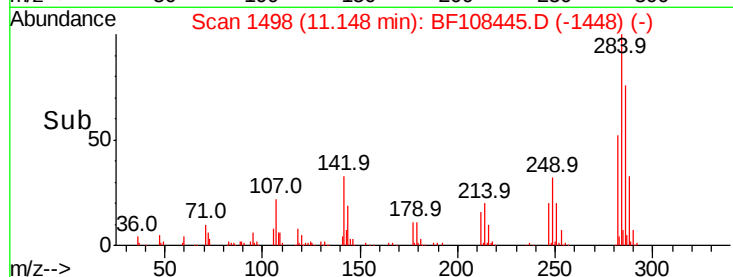
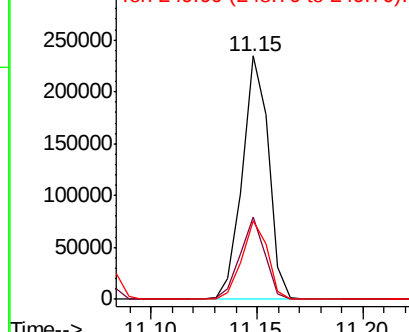
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.464 ng

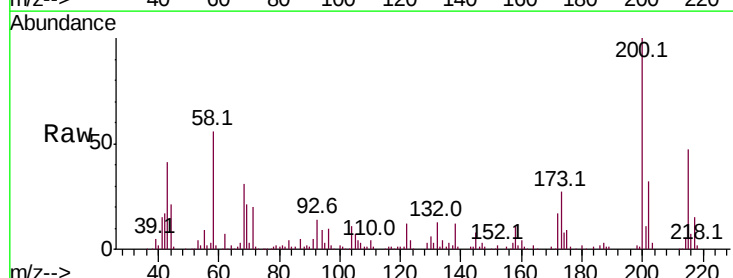
RT: 11.22 min Scan# 1511

Delta R.T. -0.01 min

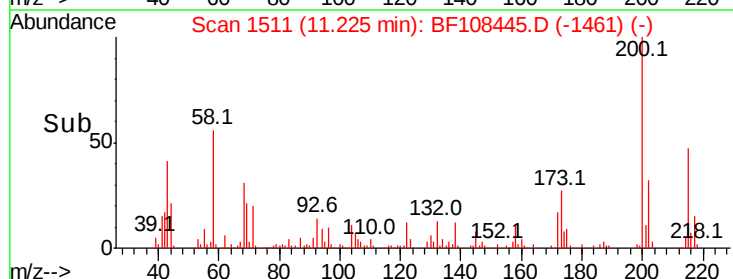
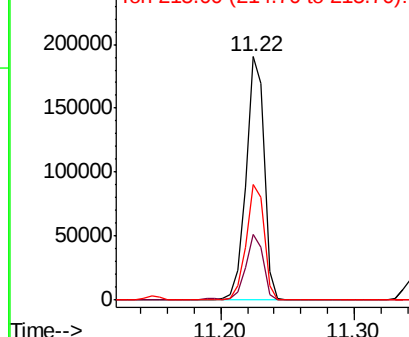
Lab File: BF108445.D

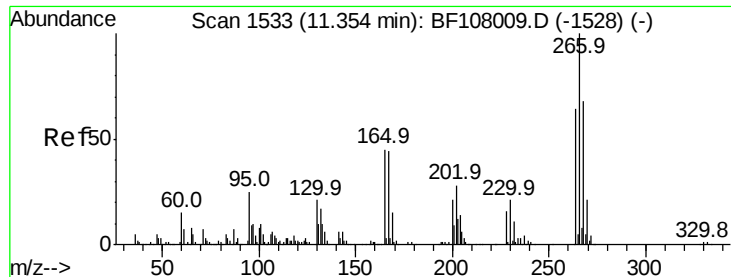
Acq: 24 Aug 2018 3:09

Tgt Ion:	200	Resp:	177745
Ion Ratio	Lower	Upper	
200	100		
173	26.8	8.6	48.6
215	47.4	25.1	65.1



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





#69
 Pentachlorophenol
 Concen: 43.607 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

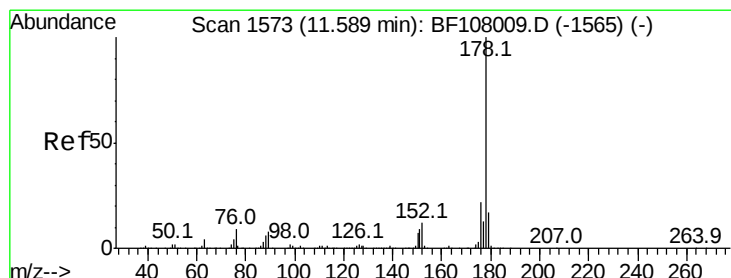
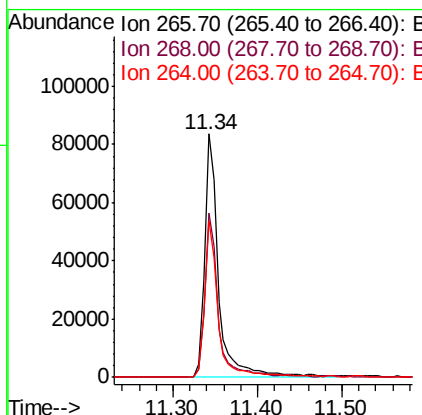
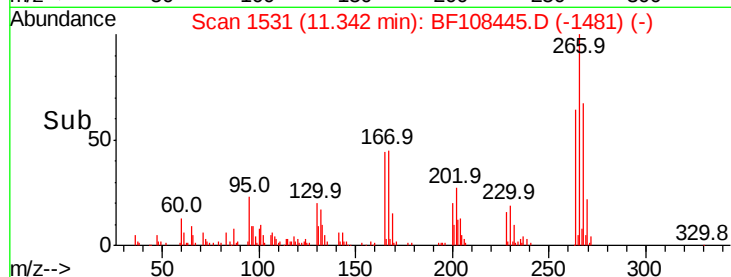
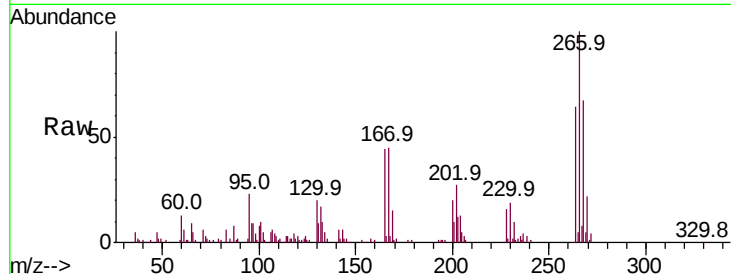
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	266	Resp:	96254
Ion Ratio	Lower	Upper	
266	100		
268	67.4	51.1	76.7
264	64.1	49.5	74.3

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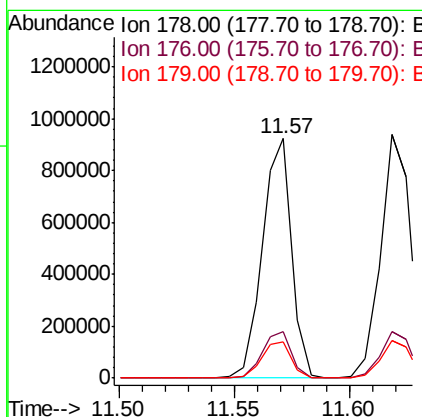
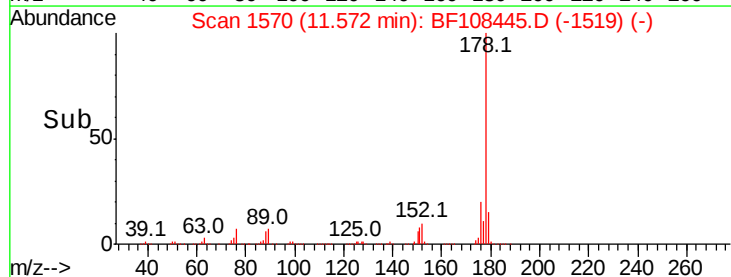
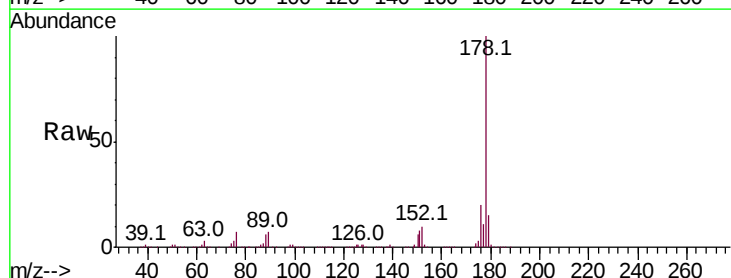
Sohil

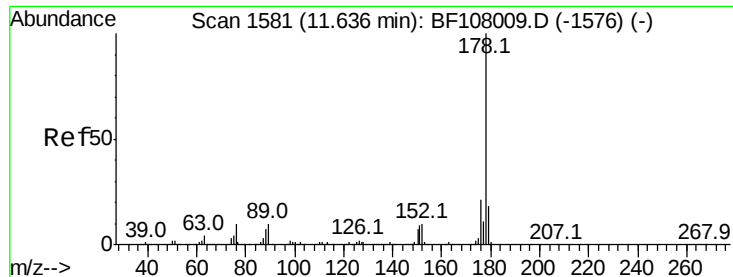
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#70
 Phenanthrene
 Concen: 42.770 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

Tgt Ion:	178	Resp:	813632
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.8	23.8
179	15.4	13.0	19.6





#71
 Anthracene
 Concen: 42.953 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

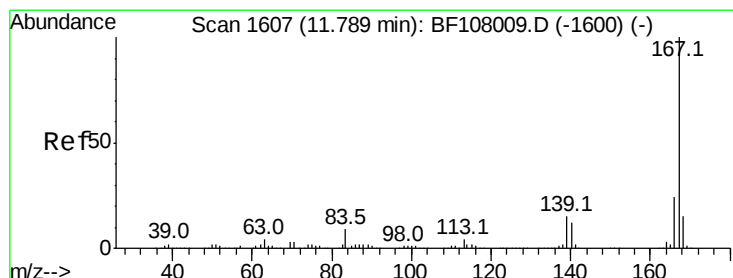
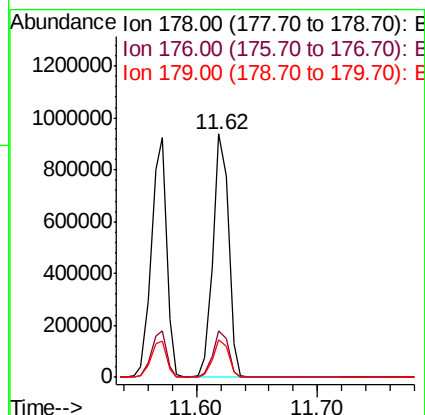
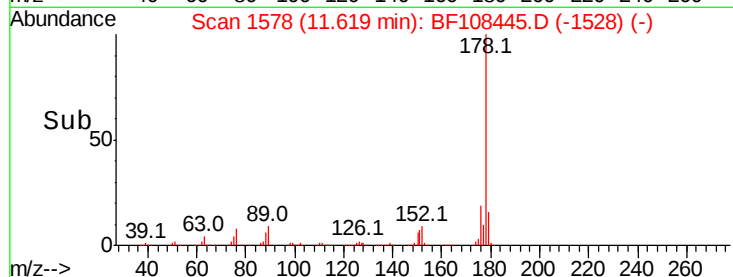
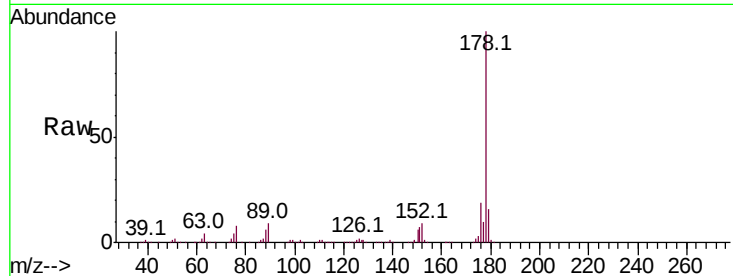
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178	Resp:	837466
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.4 23.2
179	15.5	12.6 19.0

Manual Integrations
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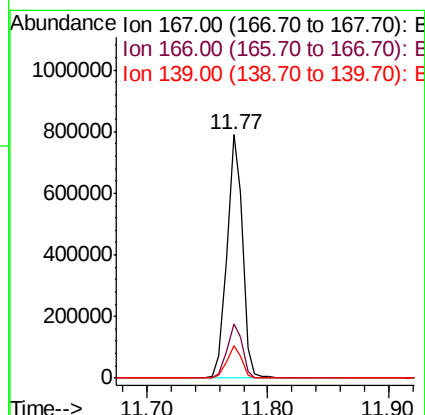
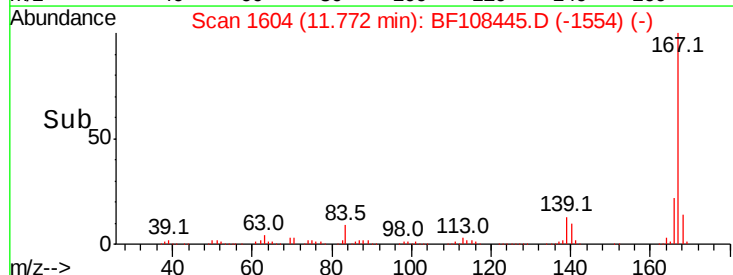
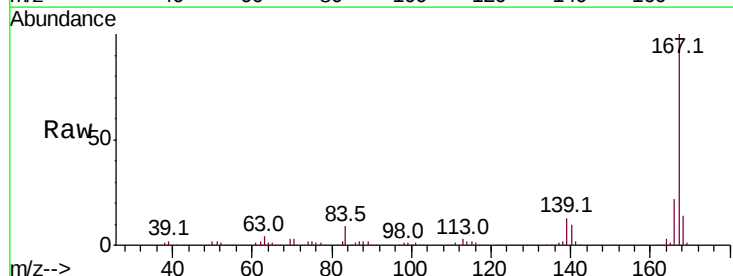
Sohil

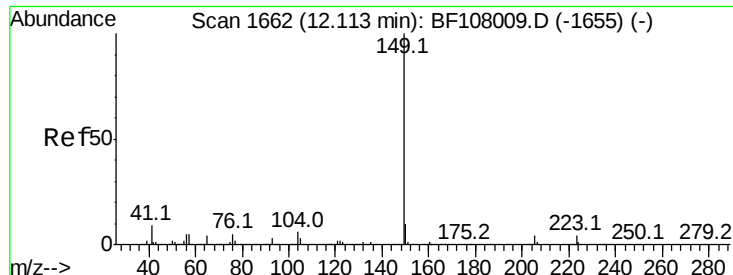
8/24/2018 12:14:34 PM



#72
 Carbazole
 Concen: 40.460 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

Tgt Ion:167	Resp:	700883
Ion Ratio	Lower	Upper
167	100	
166	22.2	17.6 26.4
139	13.2	10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.470 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

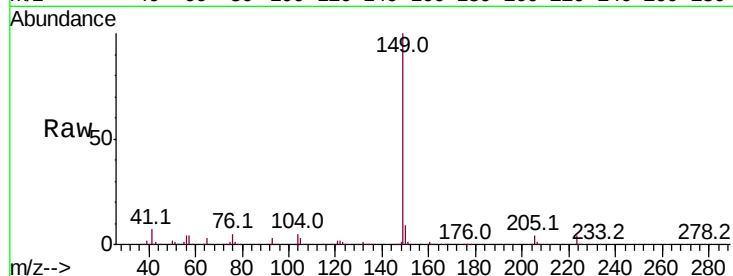
SSTDCCC040

Tot Ion:	149	Resp:	931434
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.7	3.8	5.8

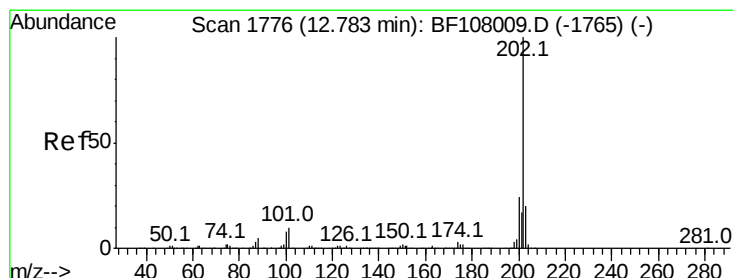
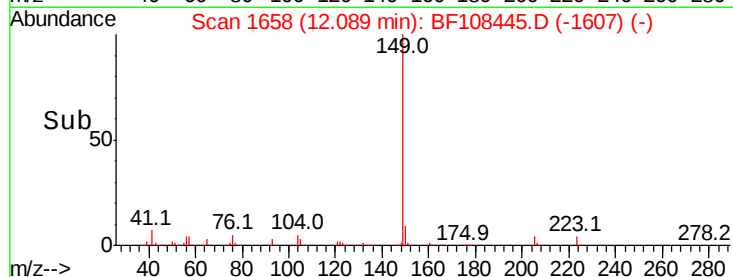
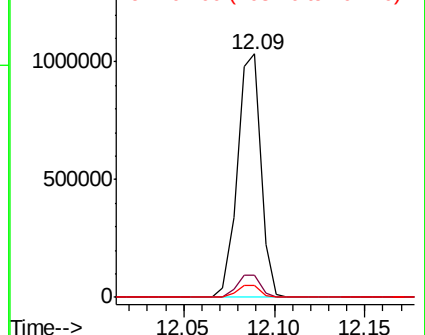
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.647 ng

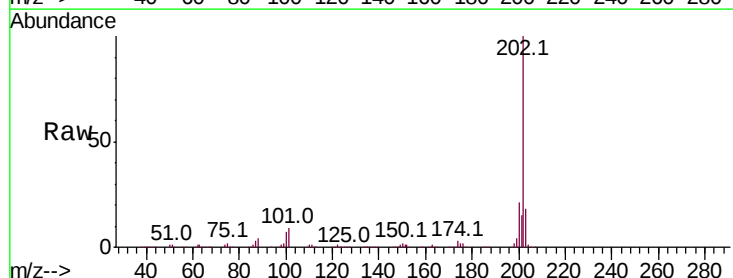
RT: 12.77 min Scan# 1773

Delta R.T. -0.00 min

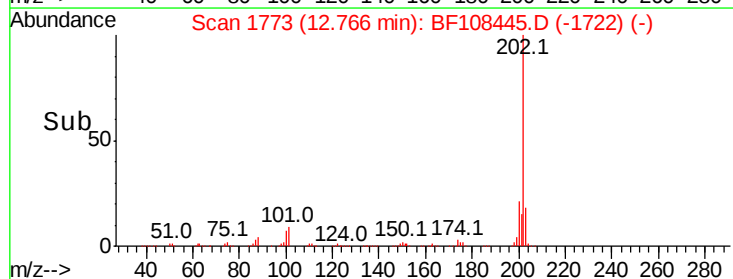
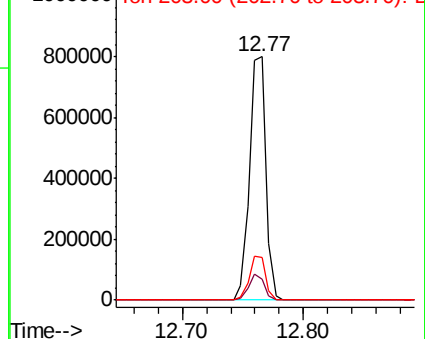
Lab File: BF108445.D

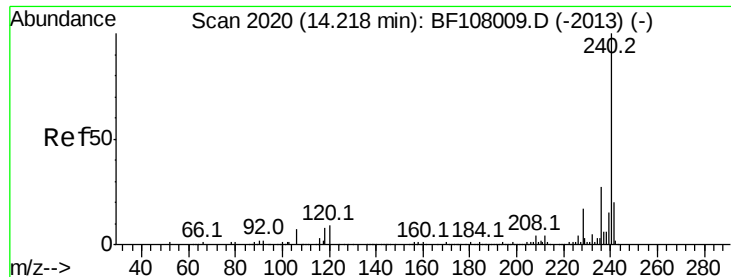
Acq: 24 Aug 2018 3:09

Tgt Ion:	202	Resp:	760855
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	34.1
203	17.7	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 285408
Ion Ratio Lower Upper

240 100

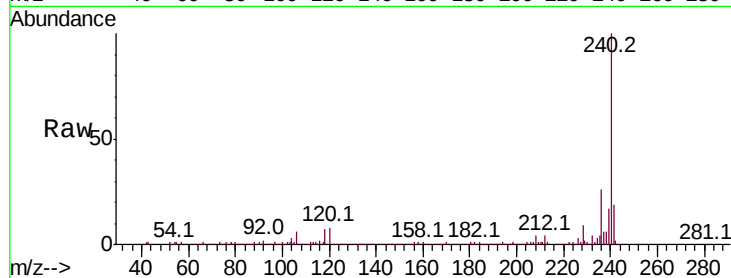
120 8.2 9.5 14.3#

236 25.8 20.7 31.1

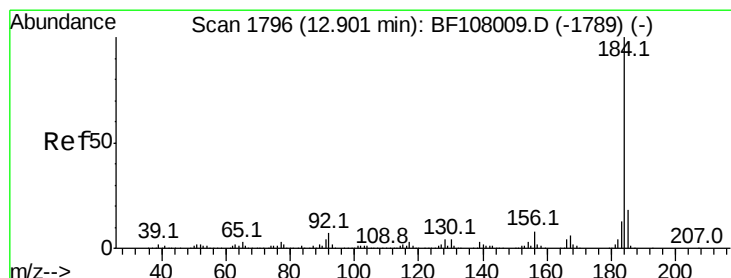
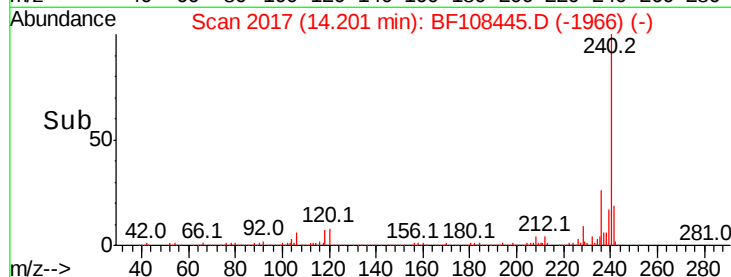
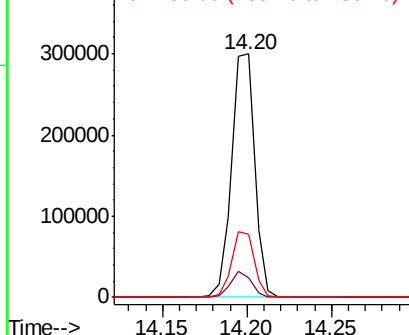
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.046 ng

RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108445.D

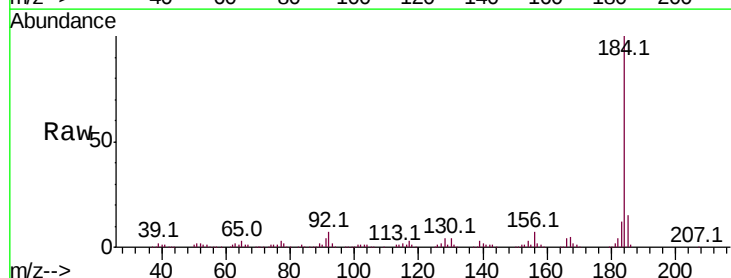
Acq: 24 Aug 2018 3:09

Tgt Ion:184 Resp: 352392
Ion Ratio Lower Upper

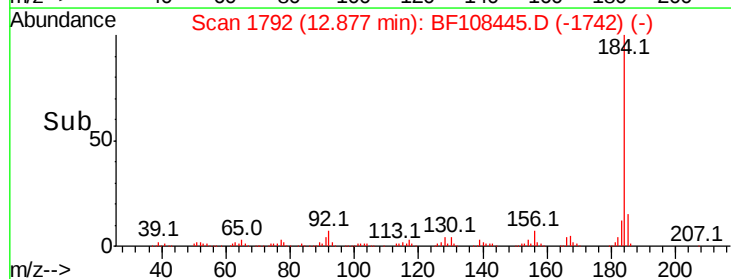
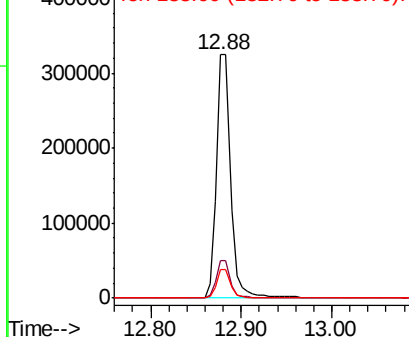
184 100

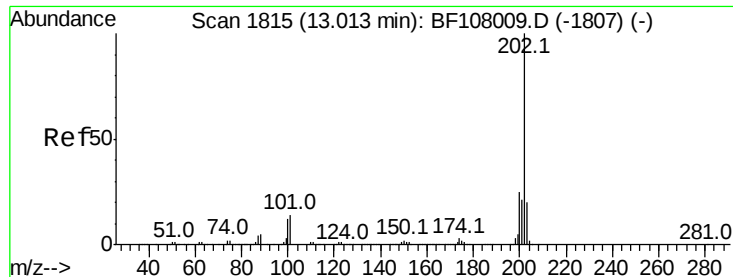
185 15.2 12.6 18.8

183 11.7 9.3 13.9



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





#77

Pvrene

Concen: 41.266 ng

RT: 13.00 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

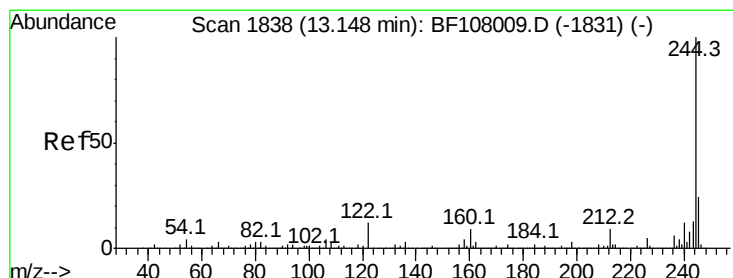
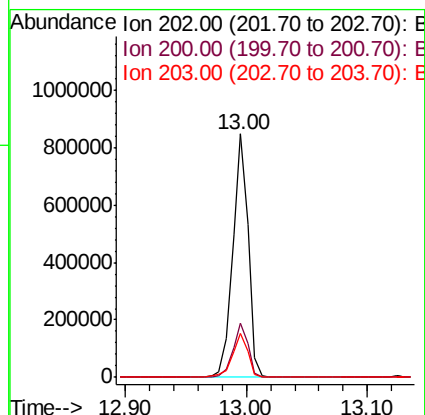
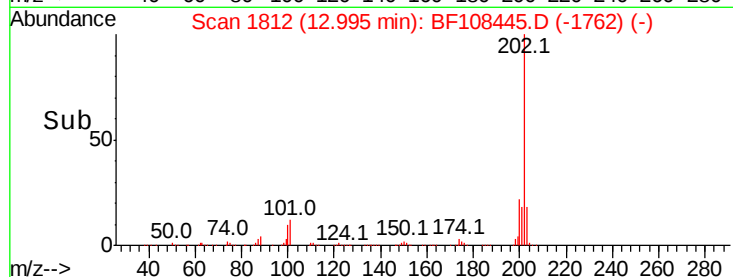
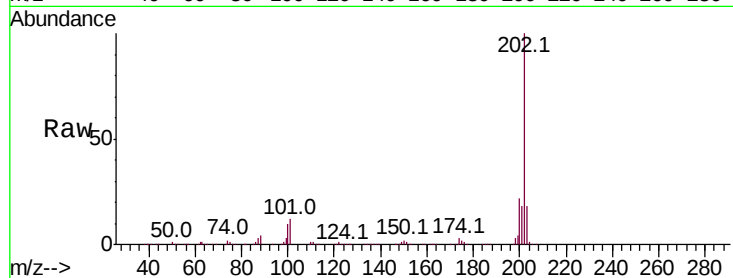
SSTDCCC040

Tot Ion:	202	Resp:	745651
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.4	26.2
203	18.3	14.3	21.5

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#78

Terphenyl-d14

Concen: 88.946 ng

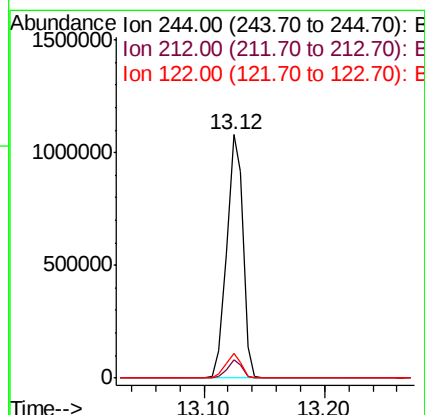
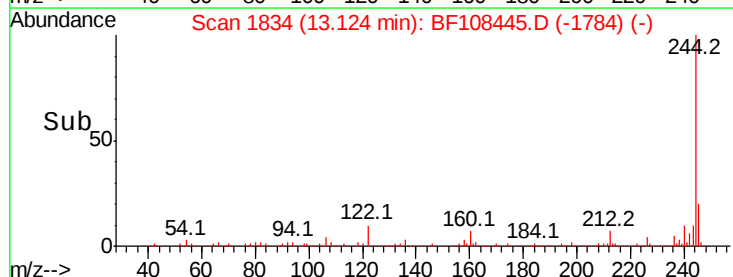
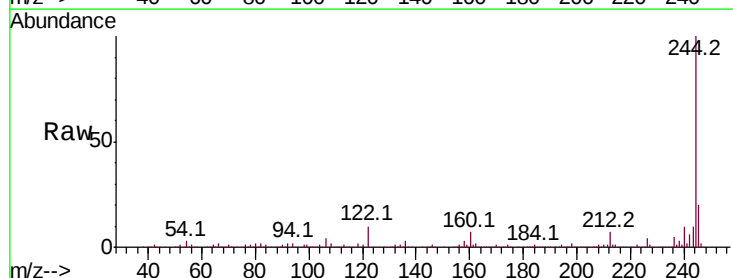
RT: 13.12 min Scan# 1834

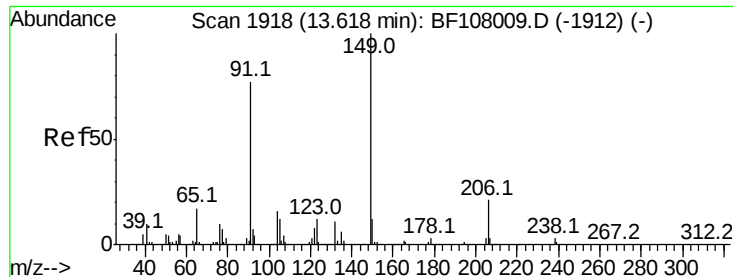
Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Tgt Ion:	244	Resp:	998431
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	10.3	11.0	16.4#





#79
Butylbenzylphthalate
Concen: 44.654 ng
RT: 13.59 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

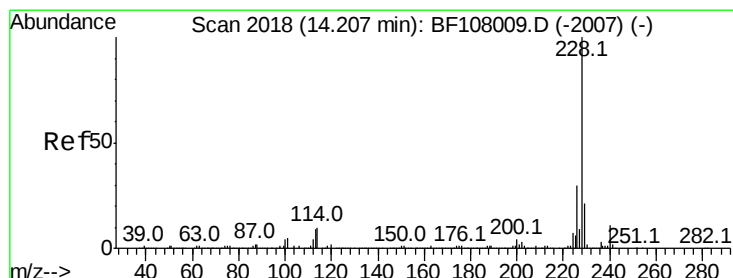
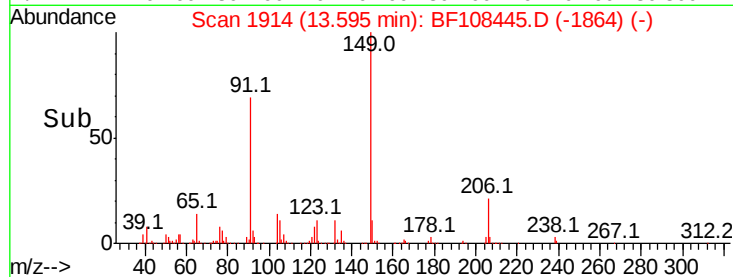
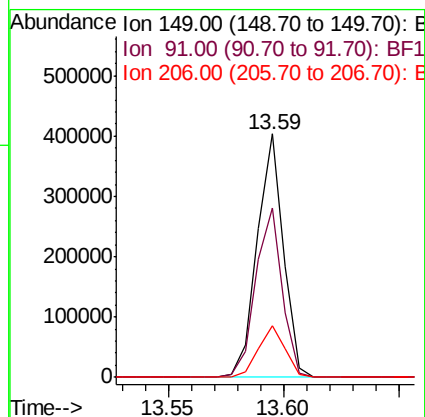
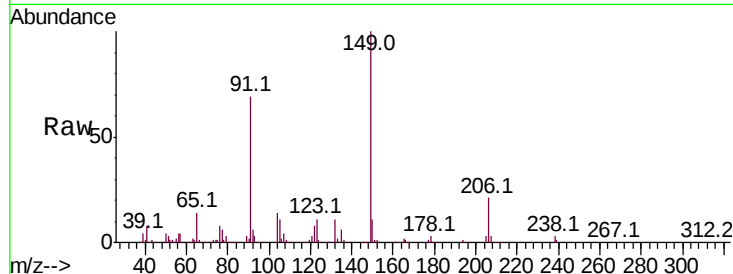
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	69.3	56.8	85.2	
206	21.3	14.1	21.1	

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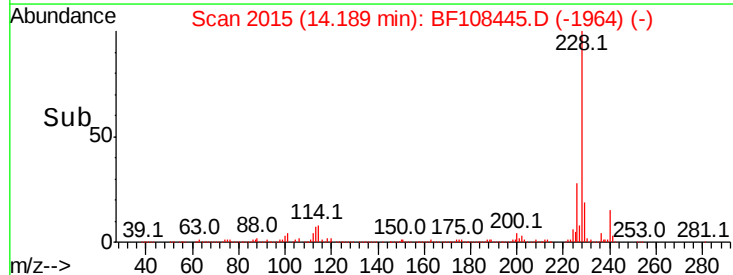
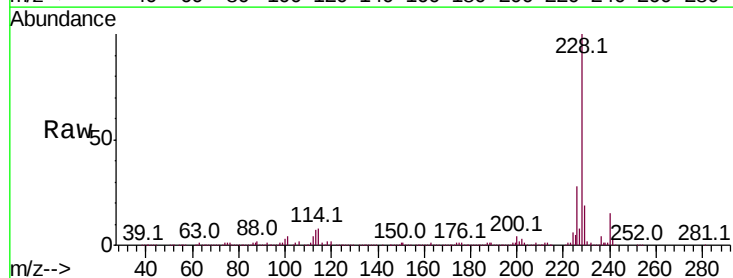
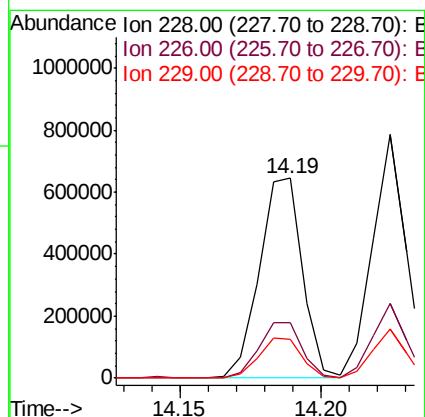
Sohil

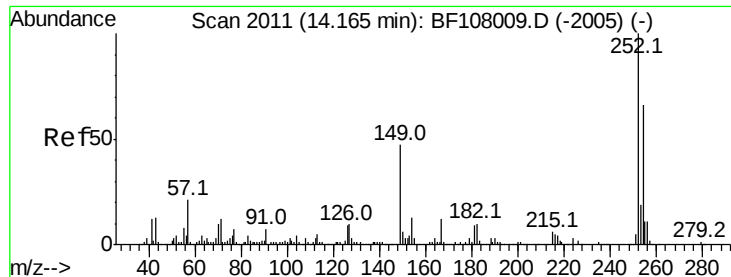
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#80
Benzo(a)anthracene
Concen: 41.706 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.8	22.6	33.8	
229	19.2	15.8	23.6	





#81
 3,3'-Dichlorobenzidine
 Concen: 41.237 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

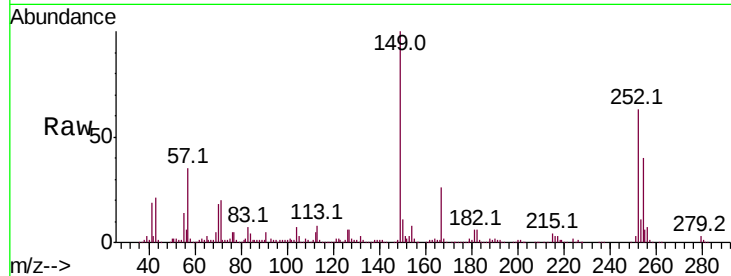
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	242058		
254	63.1	50.4	75.6	
126	9.3	11.3	16.9	

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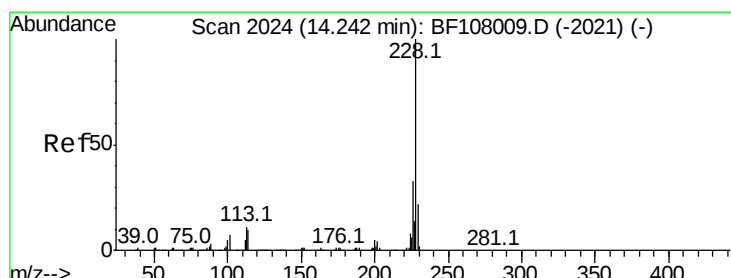
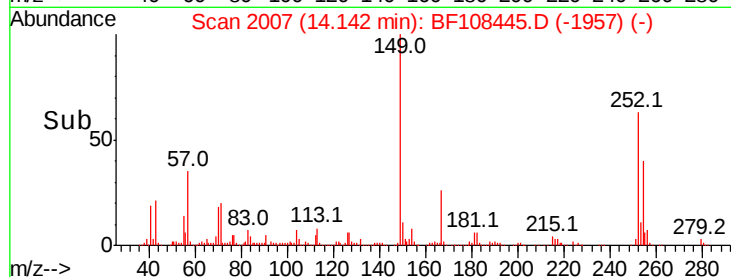
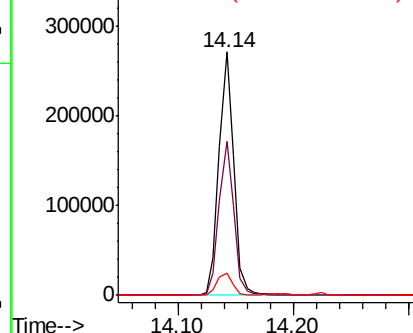


Abundance

Ion 252.00 (251.70 to 252.70): E

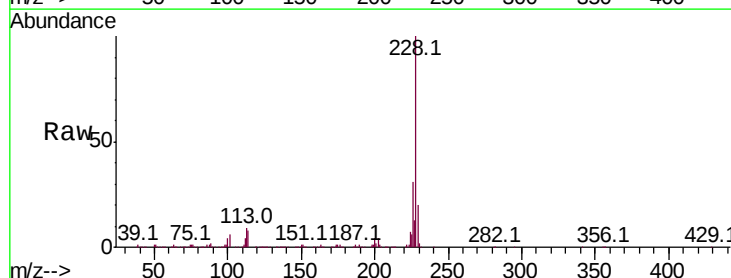
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 42.489 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108445.D
 Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	638048		
226	30.9	25.0	37.6	
229	20.0	16.2	24.4	

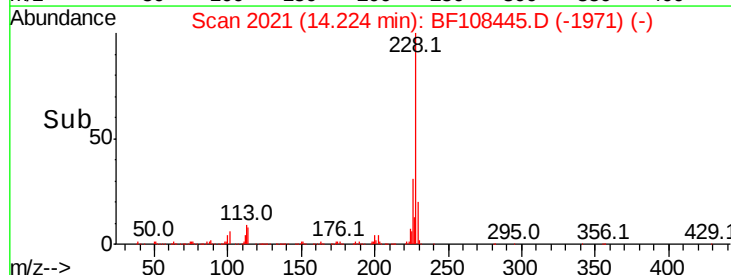
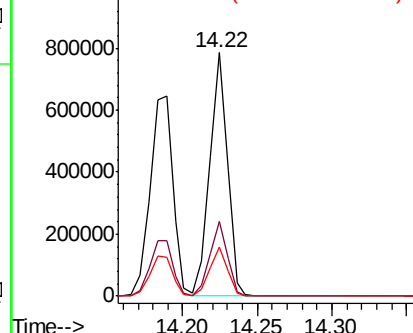


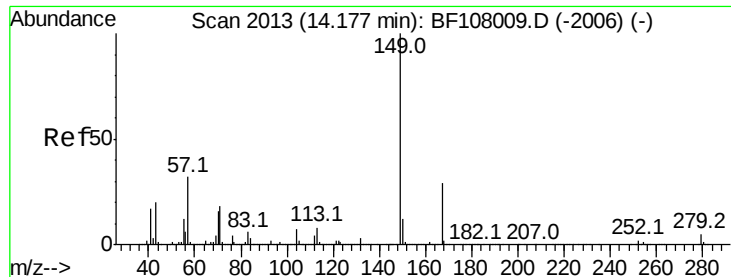
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.442 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 431809

Ion Ratio Lower Upper

149 100

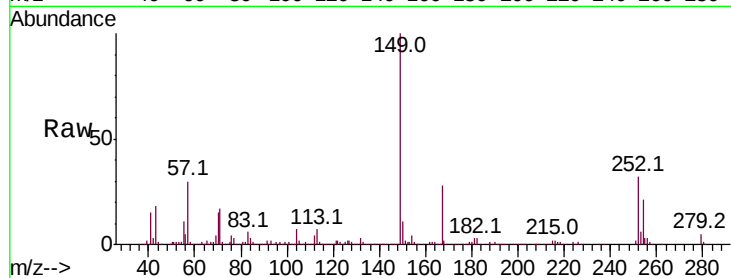
167 27.7 21.3 31.9

279 4.6 3.0 4.4#

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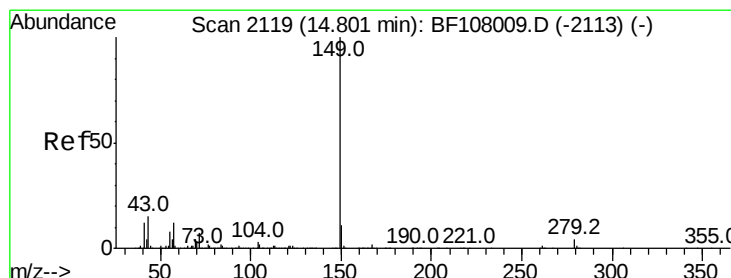
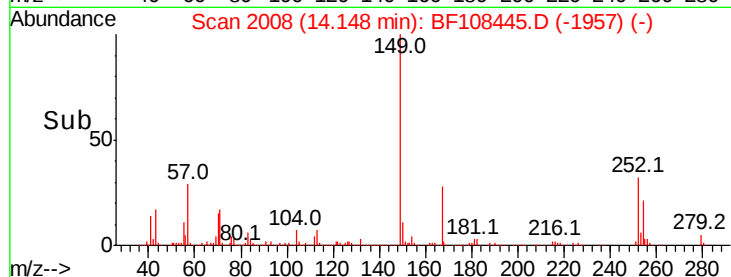
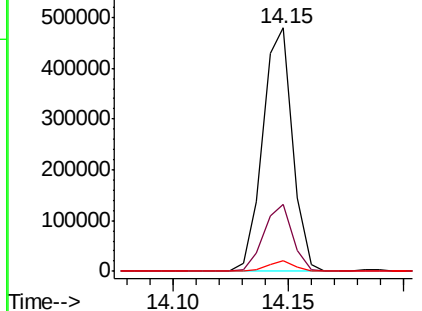
8/24/2018 12:14:34 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.364 ng

RT: 14.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

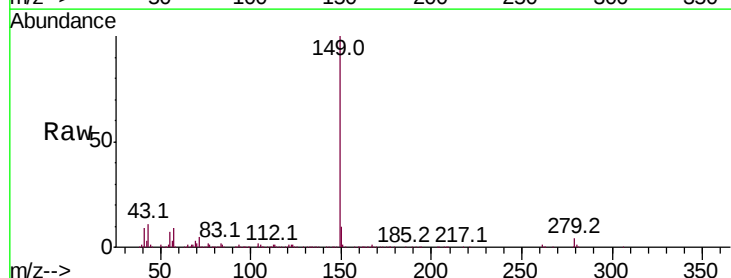
Tgt Ion:149 Resp: 746305

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

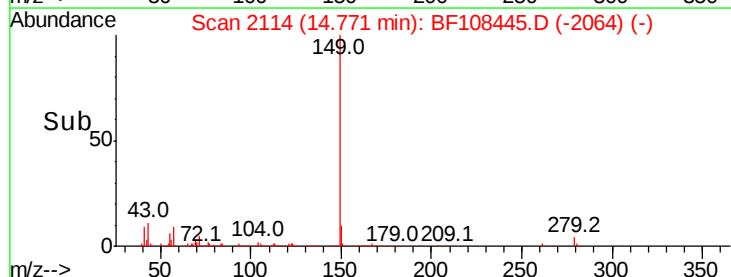
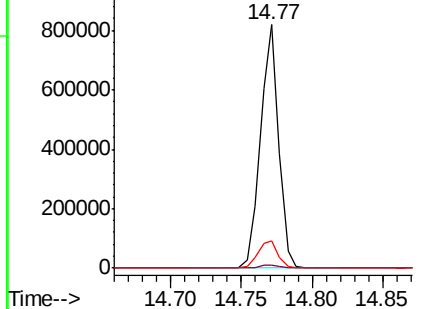
43 11.5 8.4 12.6

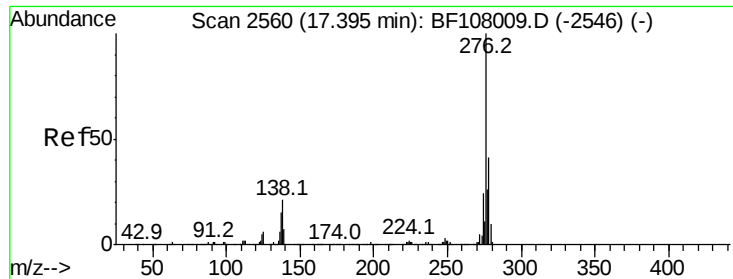


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85
Indeno(1,2,3-cd)pyrene
Concen: 41.277 ng
RT: 17.37 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

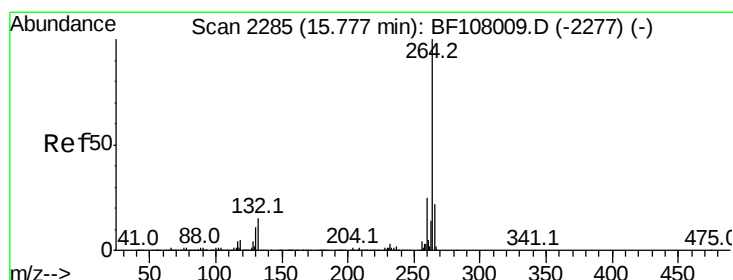
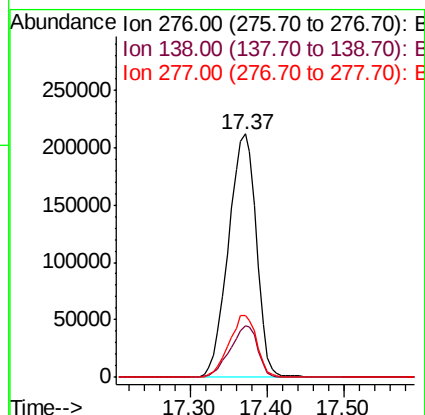
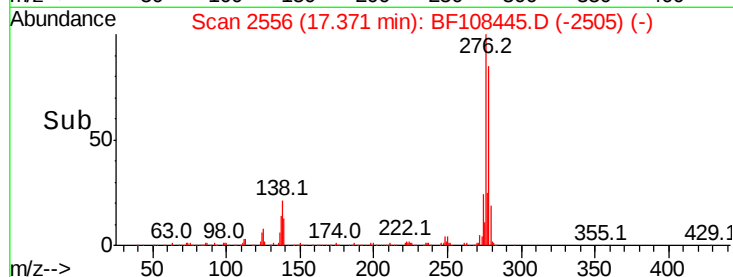
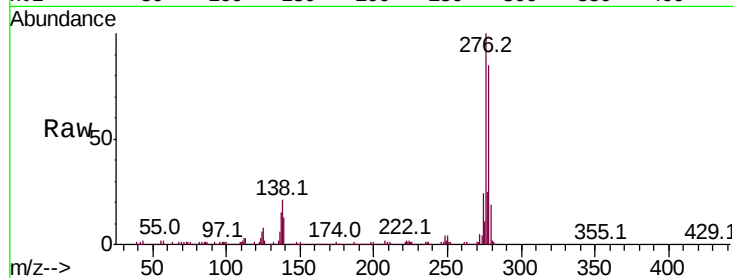
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	25.3	20.1	30.1

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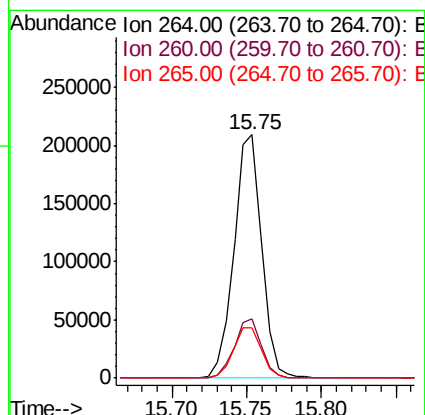
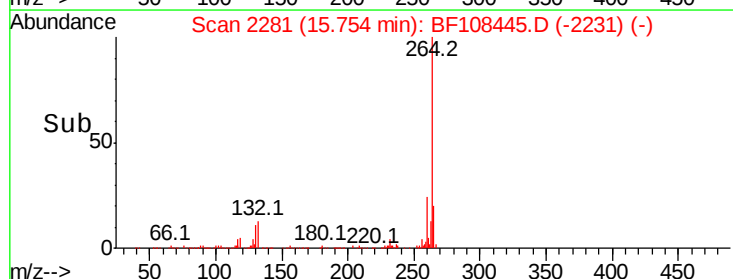
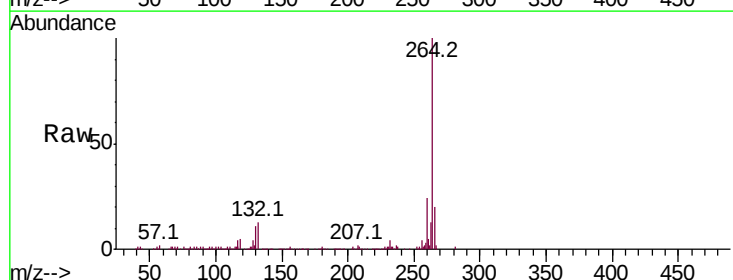
Sohil

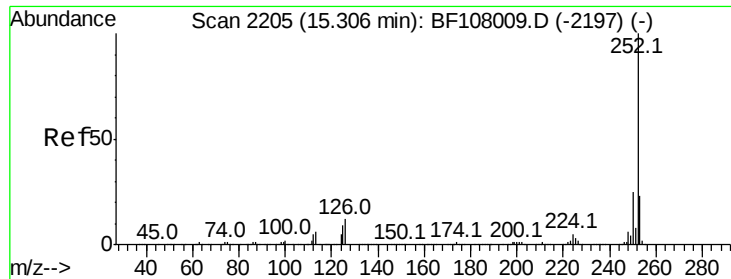
8/24/2018 12:14:34 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.4	17.5	26.3





#87
Benzo(b)fluoranthene
Concen: 40.690 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

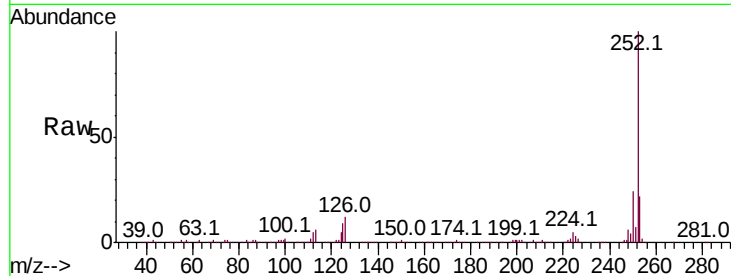
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	8.9	9.0	13.6

Manual Integrations
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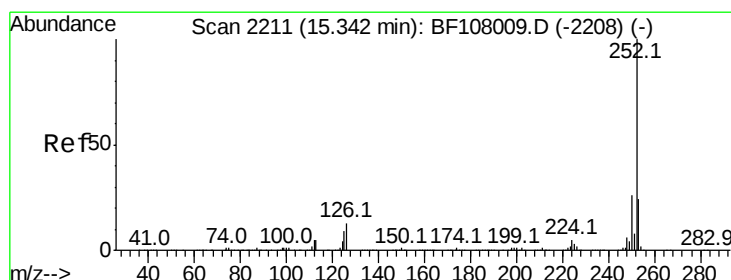
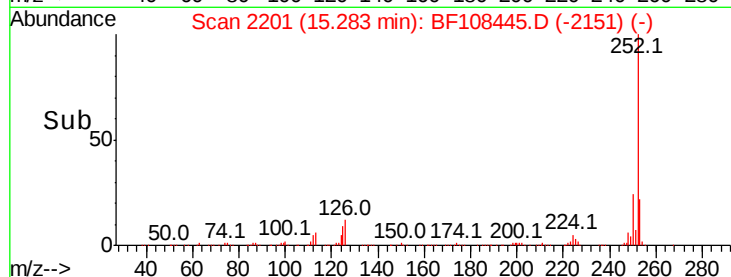
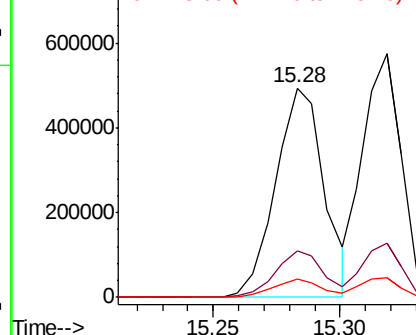


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 41.203 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

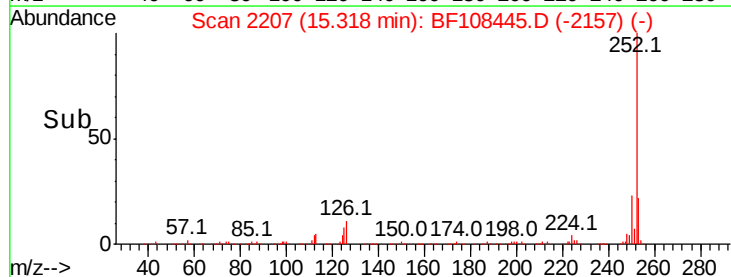
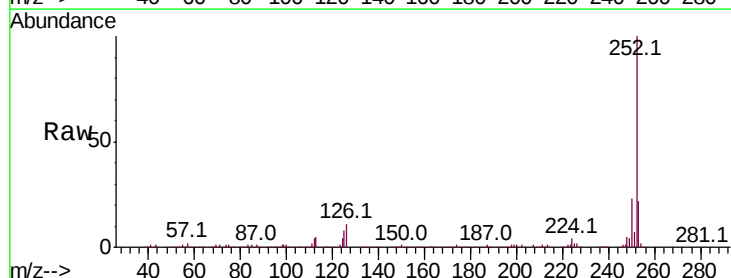
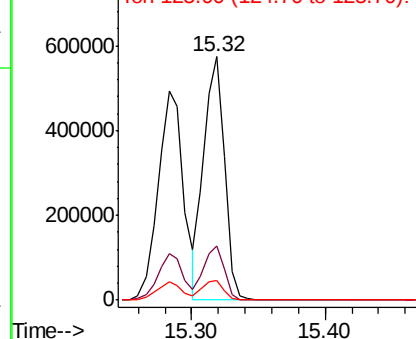
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	7.9	10.2	15.2

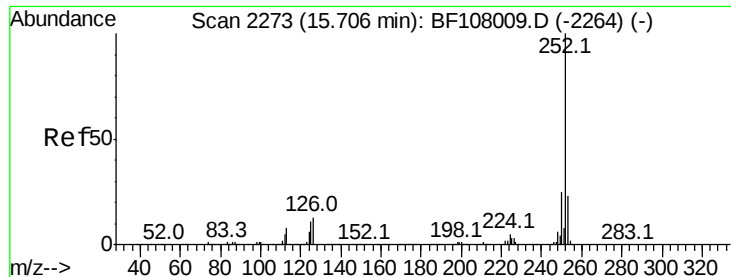
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89
Benzo(a)pyrene
Concen: 40.952 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

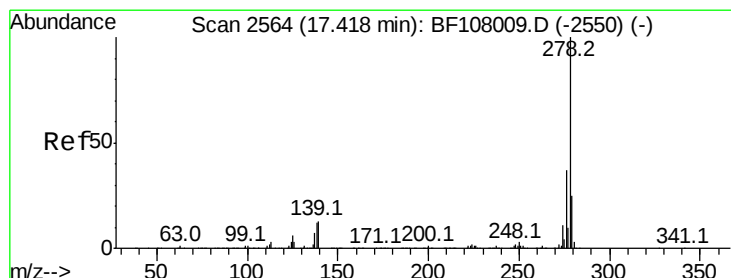
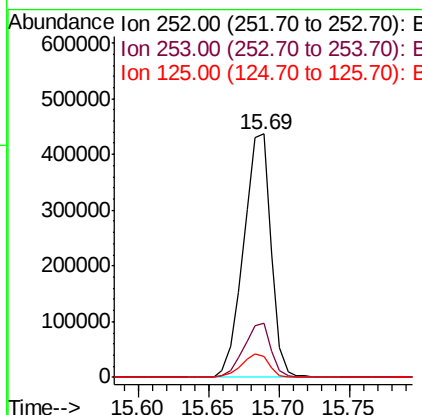
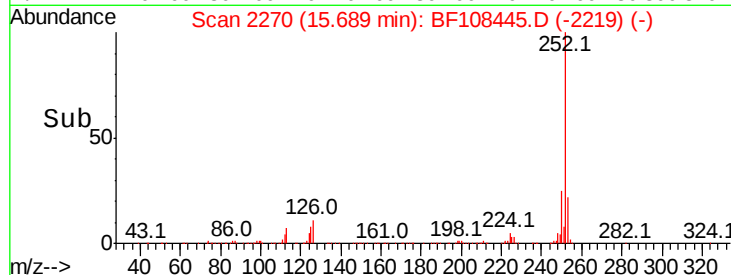
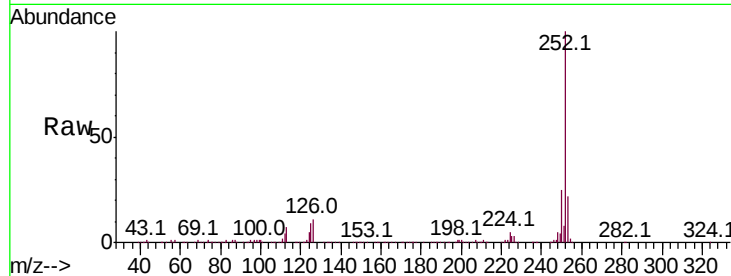
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	17.1	25.7
125	8.6	9.8	14.6

Manual Integrations
APPROVED

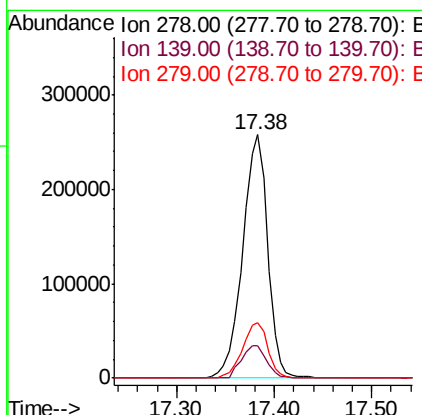
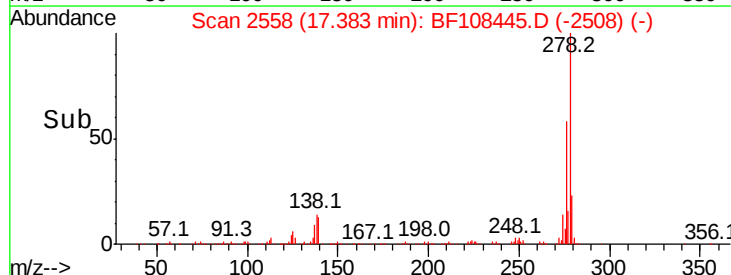
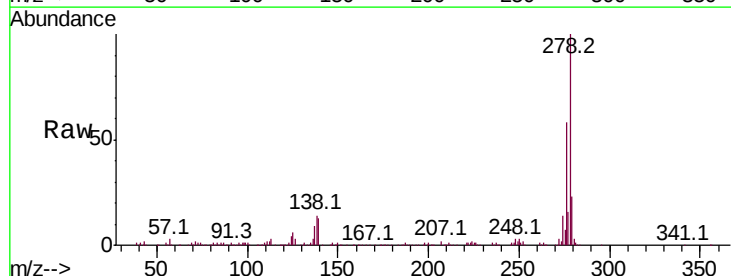
Sohil

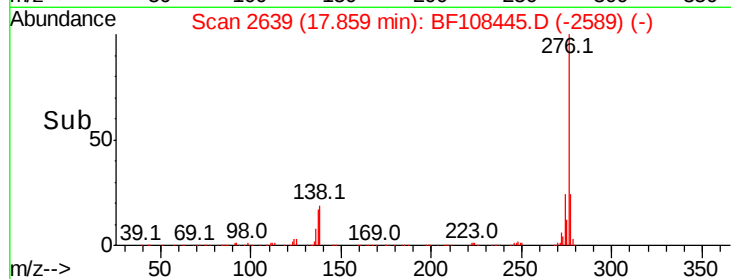
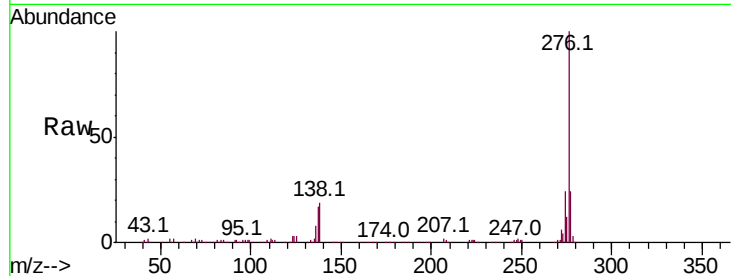
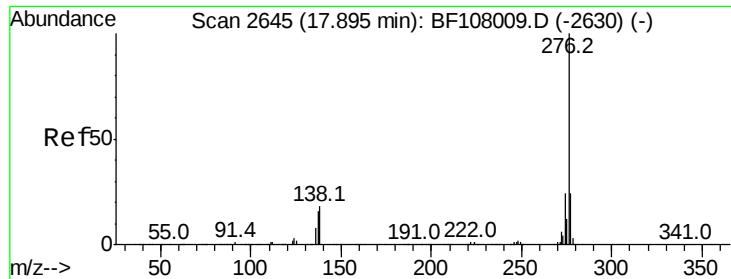
8/24/2018 12:14:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.255 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108445.D
Acq: 24 Aug 2018 3:09

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	13.3	15.9	23.9
279	22.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 35.268 ng

RT: 17.86 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BF108445.D

Acq: 24 Aug 2018 3:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	18.7	21.8	32.8

Manual Integrations
APPROVED

Sohil

8/24/2018 12:14:34 PM

