

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110557.D
 Acq On : 7 Nov 2018 16:02
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 11/9/2018 1:35:13 PM

Quant Time: Nov 09 10:26:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	94448	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	573709	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	338795	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	613975	20.00	ng	0.00
76) Chrysene-d12	14.14	240	373737	20.00	ng	0.00
87) Perylene-d12	15.67	264	285099	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	507180	87.45	ng	0.00
7) Phenol-d6	6.59	99	797337	107.48	ng	0.00
23) Nitrobenzene-d5	7.53	82	801737	82.89	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	274841	81.90	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1715414	79.51	ng	0.00
79) Terphenyl-d14	13.08	244	1627499	90.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	116484	38.333	ng	90
3) Pyridine	3.57	79	300326	44.374	ng	# 83
4) n-Nitrosodimethylamine	3.55	42	145931	51.464	ng	89
6) Aniline	6.62	93	489180	50.620	ng	# 54
8) 2-Chlorophenol	6.74	128	328568	49.137	ng	97
9) Benzaldehyde	6.51	77	153472	34.170	ng	98
10) Phenol	6.60	94	453601	57.202	ng	# 68
11) bis(2-Chloroethyl)ether	6.69	93	340866	52.248	ng	97
12) 1,3-Dichlorobenzene	6.89	146	297756	40.463	ng	99
13) 1,4-Dichlorobenzene	6.97	146	301236	40.476	ng	97
14) 1,2-Dichlorobenzene	7.12	146	298277	43.173	ng	98
15) Benzyl Alcohol	7.10	79	351889	61.673	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	570145	54.658	ng	73
17) 2-Methylphenol	7.20	107	312179	58.580	ng	# 84
18) Hexachloroethane	7.46	117	123323	45.260	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	328071	68.933	ng	96
20) 3+4-Methylphenols	7.36	107	412353	59.862	ng	# 89
22) Acetophenone	7.37	105	554863	41.973	ng	# 93
24) Nitrobenzene	7.55	77	400513	40.107	ng	95
25) Isophorone	7.78	82	819922	49.729	ng	97
26) 2-Nitrophenol	7.86	139	227125	47.795	ng	95
27) 2,4-Dimethylphenol	7.89	122	356109	45.199	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	531796	47.478	ng	99
29) 2,4-Dichlorophenol	8.10	162	357581	44.923	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	330269	37.043	ng	97
31) Naphthalene	8.26	128	1051467	39.766	ng	100
32) Benzoic acid	8.06	122	331545	54.447	ng	96
33) 4-Chloroaniline	8.31	127	544618	45.765	ng	99
34) Hexachlorobutadiene	8.36	225	190172	38.415	ng	100
35) Caprolactam	8.73	113	149924m	54.040	ng	
36) 4-Chloro-3-methylphenol	8.80	107	432823	50.285	ng	96
37) 2-Methylnaphthalene	8.95	142	801740	45.828	ng	100
38) 1-Methylnaphthalene	9.05	142	782588m	46.290	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	392566	37.188	ng	98

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 SSTDC040

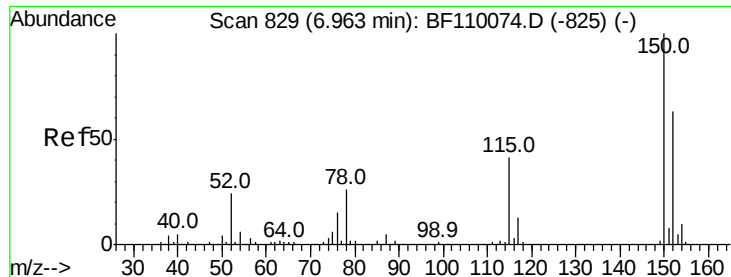
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	208199	38.572	nq	99
43) 2,4,6-Trichlorophenol	9.23	196	277975	40.827	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	284540	39.536	nq	93
46) 1,1'-Biphenyl	9.42	154	1202087	39.236	nq	99
47) 2-Chloronaphthalene	9.45	162	863005	38.401	nq	98
48) 2-Nitroaniline	9.55	65	286772	42.110	nq	95
49) Acenaphthylene	9.87	152	1202340	37.042	nq	98
50) Dimethylphthalate	9.72	163	1038685	41.532	nq	100
51) 2,6-Dinitrotoluene	9.79	165	227654	42.260	nq	96
52) Acenaphthene	10.04	154	793458	36.951	nq	97
53) 3-Nitroaniline	9.97	138	254358	39.705	nq	93
54) 2,4-Dinitrophenol	10.07	184	96722	47.488	nq	92
55) Dibenzofuran	10.21	168	1125334	37.431	nq	99
56) 4-Nitrophenol	10.13	139	180187	38.003	nq	97
57) 2,4-Dinitrotoluene	10.20	165	275454	40.256	nq	96
58) Fluorene	10.56	166	883145	39.469	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	229848m	39.182	nq	
60) Diethylphthalate	10.42	149	1008107	41.294	nq	99
61) 4-Chlorophenyl-phenylether	10.54	204	460647	39.026	nq	98
62) 4-Nitroaniline	10.60	138	257130	40.356	nq	90
63) Azobenzene	10.70	77	957960	39.532	nq	96
65) 4,6-Dinitro-2-methylphenol	10.62	198	142100	50.658	nq	98
66) n-Nitrosodiphenylamine	10.66	169	850243	42.220	nq	97
67) 4-Bromophenyl-phenylether	11.03	248	282031	42.348	nq	96
68) Hexachlorobenzene	11.10	284	292540	41.399	nq	# 93
69) Atrazine	11.19	200	242334	38.078	nq	98
70) Pentachlorophenol	11.30	266	173334	42.067	nq	98
71) Phenanthrene	11.52	178	1261293	39.261	nq	100
72) Anthracene	11.57	178	1266969	39.345	nq	100
73) Carbazole	11.73	167	1219101	38.774	nq	100
74) Di-n-butylphthalate	12.04	149	1484022	41.792	nq	99
75) Fluoranthene	12.72	202	1212877	37.200	nq	99
77) Benzidine	12.83	184	252355	18.444	nq	97
78) Pyrene	12.94	202	1244312	46.440	nq	99
80) Butylbenzylphthalate	13.54	149	559001	48.067	nq	99
81) Benzo(a)anthracene	14.13	228	905383	40.850	nq	99
82) 3,3'-Dichlorobenzidine	14.09	252	262232	33.978	nq	99
83) Chrysene	14.17	228	850448	40.400	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	687665	43.742	nq	99
85) Di-n-octyl phthalate	14.70	149	1023537	41.871	nq	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	698322	39.987	nq	97
88) Benzo(b)fluoranthene	15.22	252	659915	40.084	nq	98
89) Benzo(k)fluoranthene	15.24	252	656443	40.558	nq	# 97
90) Benzo(a)pyrene	15.60	252	618332	40.817	nq	97
91) Dibenzo(a,h)anthracene	17.26	278	575908	44.059	nq	100
92) Benzo(g,h,i)perylene	17.73	276	586298	45.518	nq	98

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



#1

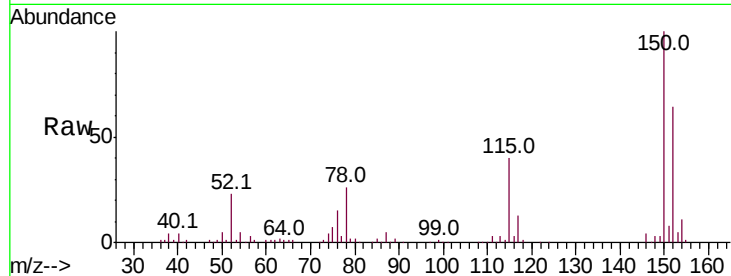
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.7	184.1
115	62.9	49.1	73.7

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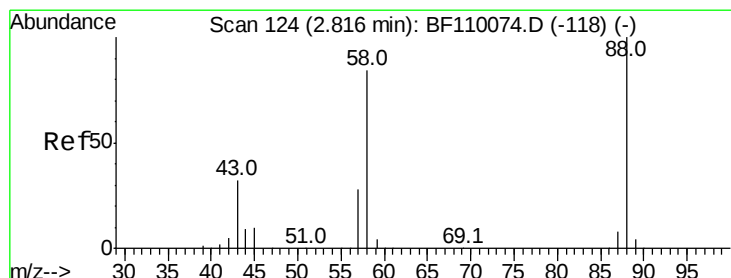
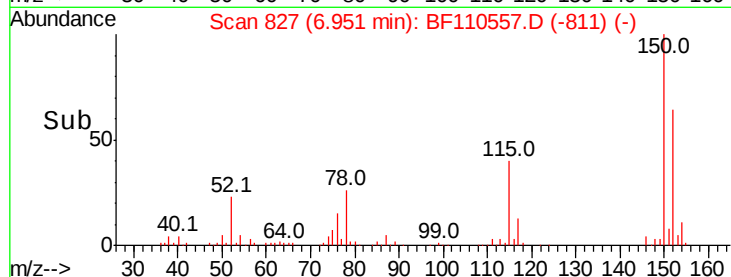
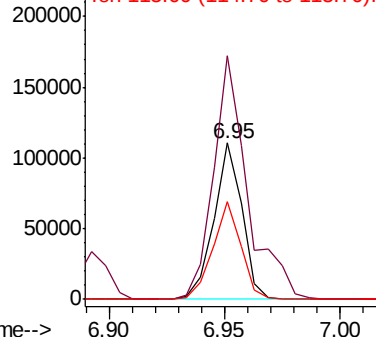


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

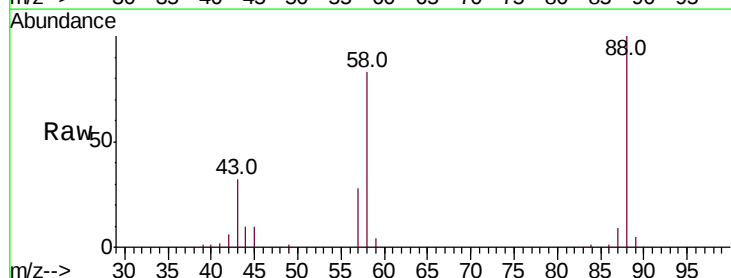
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.333 ng
RT: 2.79 min Scan# 120
Delta R.T. -0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	57.1	85.7
43	32.7	24.1	36.1

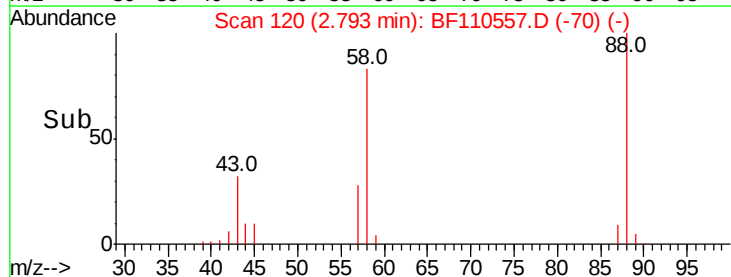
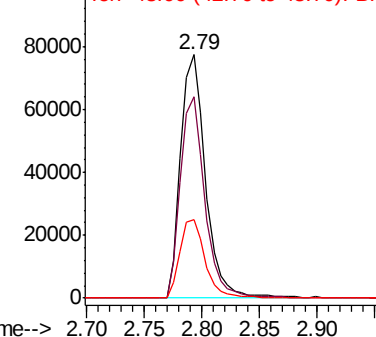


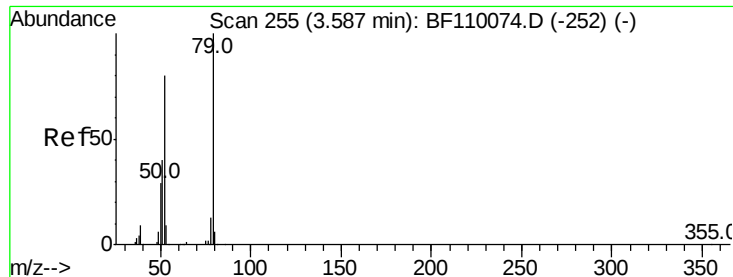
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 44.374 ng

RT: 3.57 min Scan# 253

Delta R.T. -0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

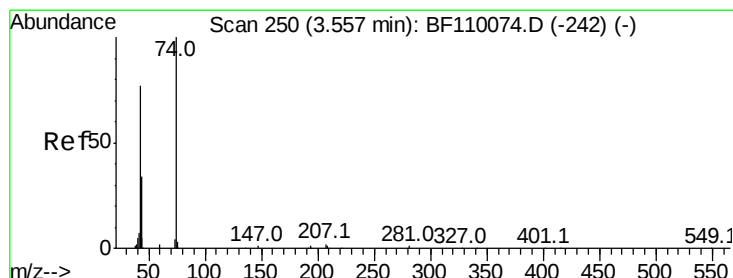
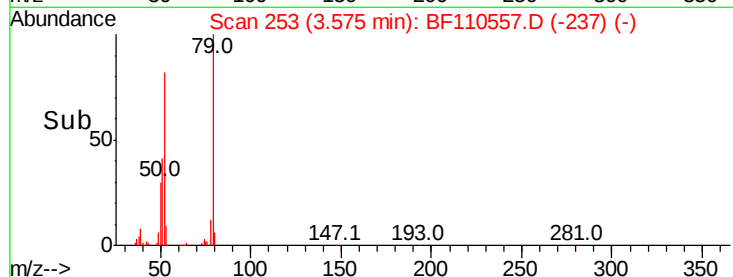
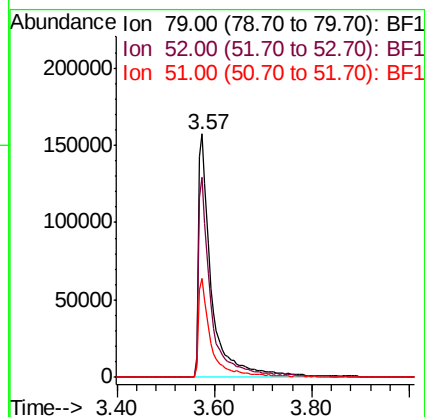
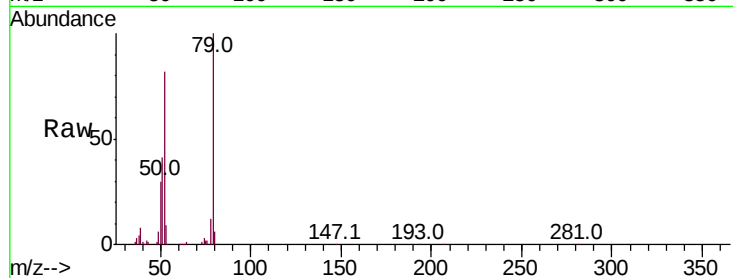
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	300326
Ion Ratio	Lower	Upper	
79	100		
52	82.4	53.1	79.7#
51	40.8	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 51.464 ng

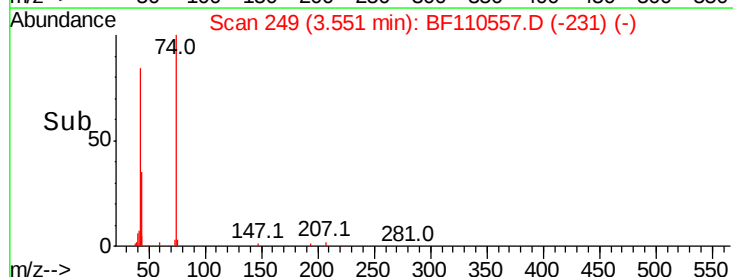
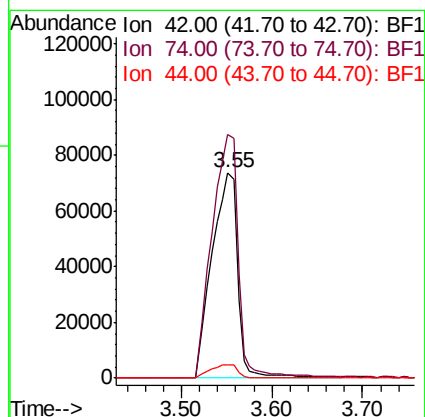
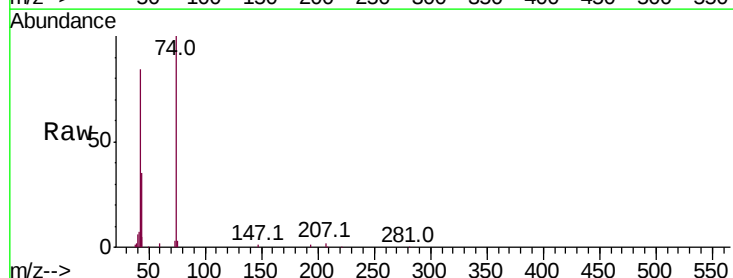
RT: 3.55 min Scan# 249

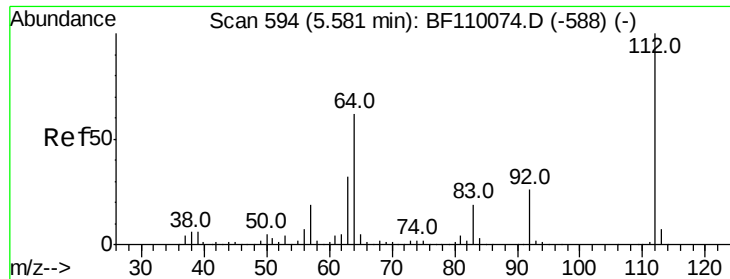
Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Tgt Ion:	42	Resp:	145931
Ion Ratio	Lower	Upper	
42	100		
74	118.5	105.5	158.3
44	6.5	4.9	7.3





#5

2-Fluorophenol

Concen: 87.447 ng

RT: 5.57 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

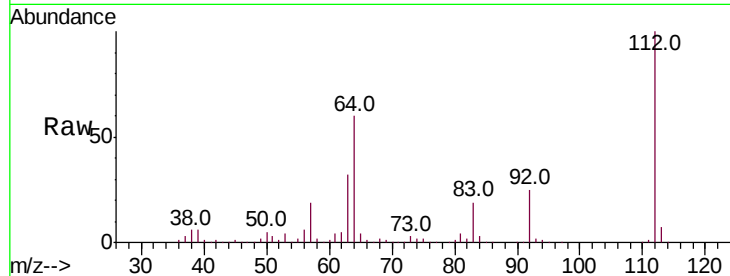
ClientSampleId :

SSTDCCC040

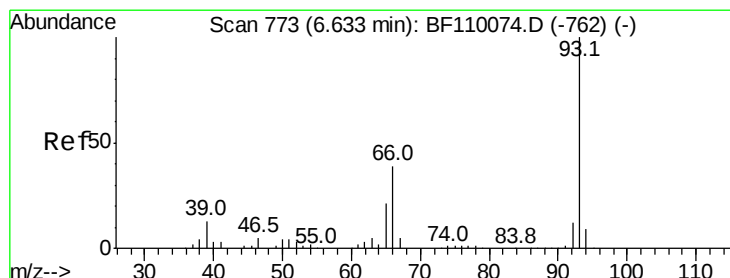
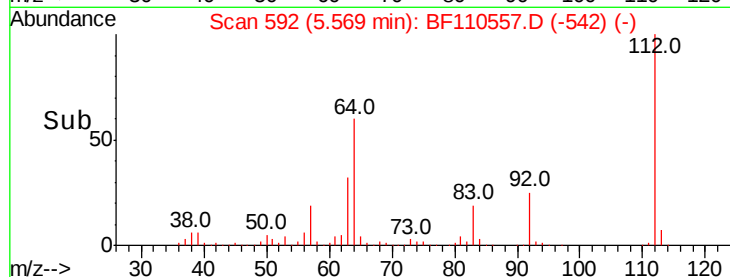
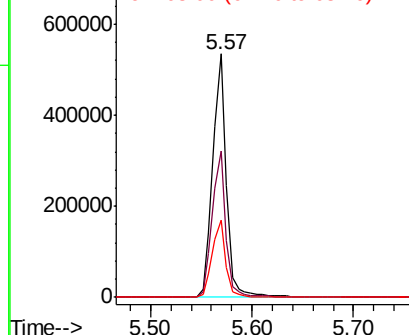
Tot Ion:	112	Resp:	507180
Ion Ratio	Lower	Upper	
112	100		
64	59.9	44.1	66.1
63	31.8	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 50.620 ng

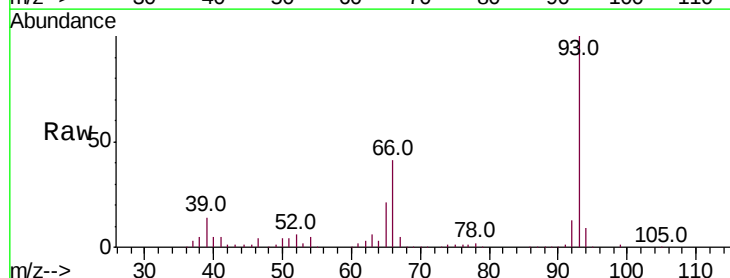
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

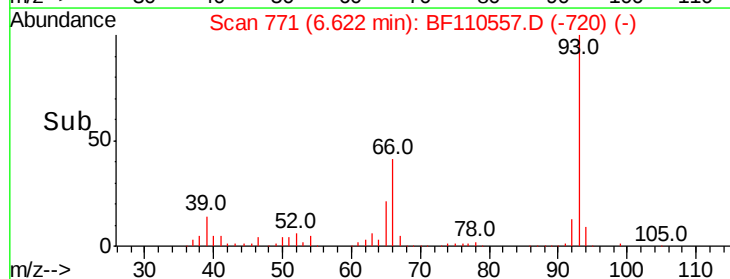
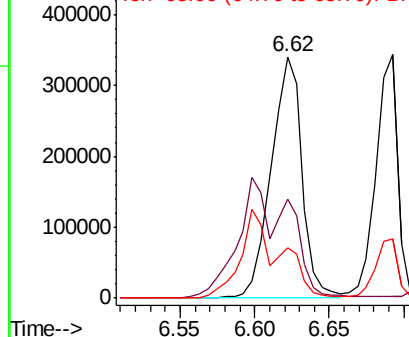
Lab File: BF110557.D

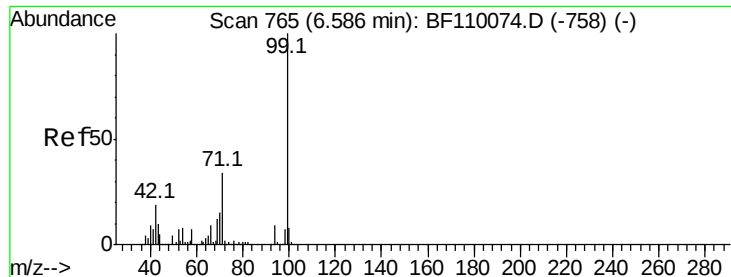
Acq: 7 Nov 2018 16:02

Tgt Ion:	93	Resp:	489180
Ion Ratio	Lower	Upper	
93	100		
66	41.1	67.4	101.0#
65	21.0	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.480 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

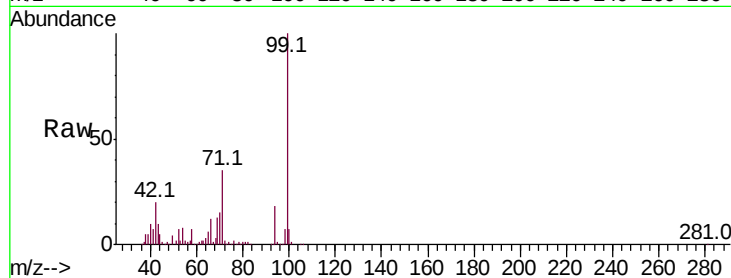
ClientSampleId :

SSTDCCC040

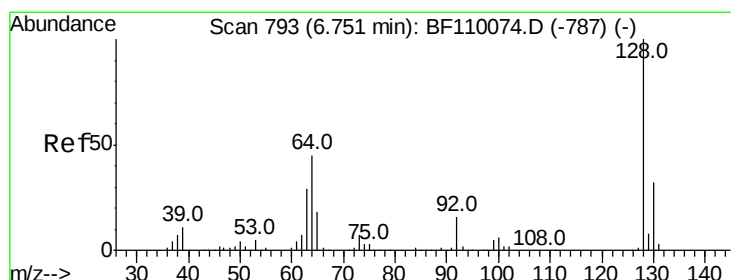
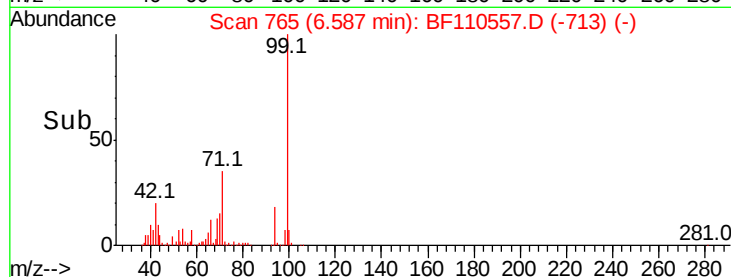
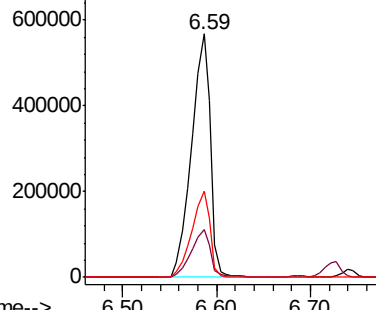
Tot Ion	99	Resp	797337
Ion Ratio	Lower	Upper	
99	100		
42	19.6	15.8	23.6
71	35.2	28.0	42.0

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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



#8

2-Chlorophenol

Concen: 49.137 ng

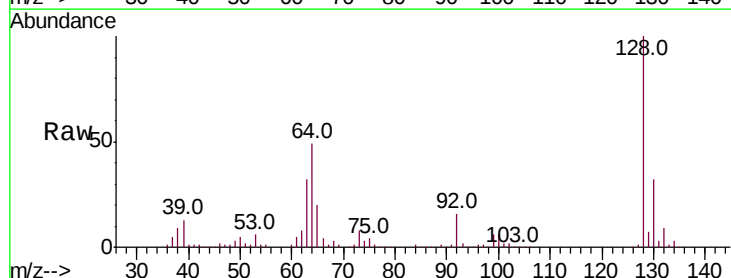
RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

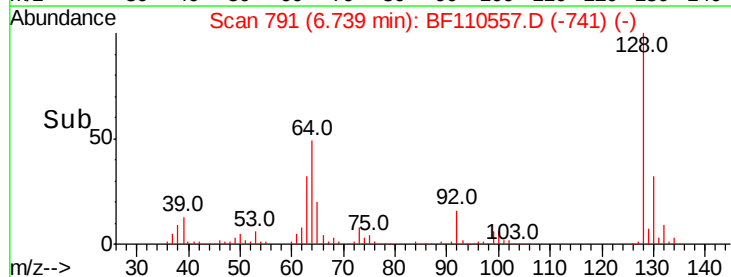
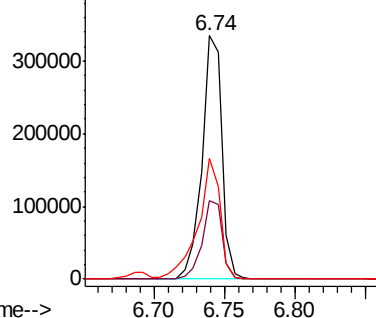
Lab File: BF110557.D

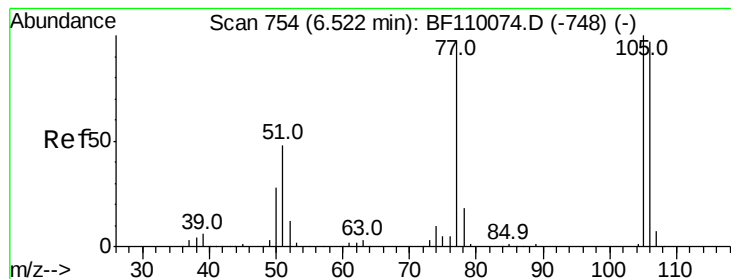
Acq: 7 Nov 2018 16:02

Tgt Ion	128	Resp	328568
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.1	53.1
64	49.5	26.0	66.0



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





#9

Benzaldehyde

Concen: 34.170 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 153472

Ion Ratio Lower Upper

77 100

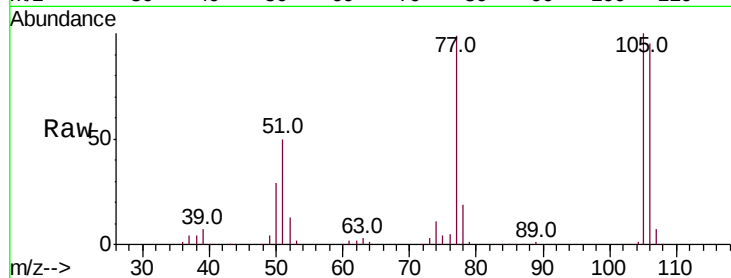
105 101.4 78.6 118.6

106 96.0 74.8 114.8

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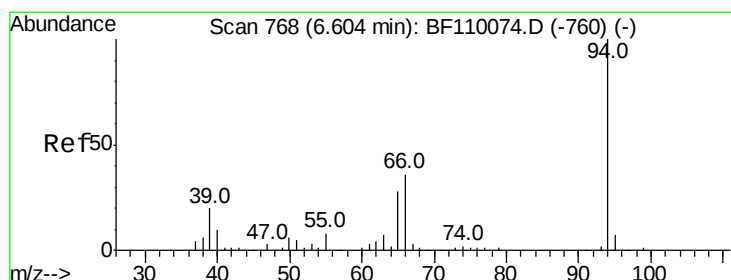
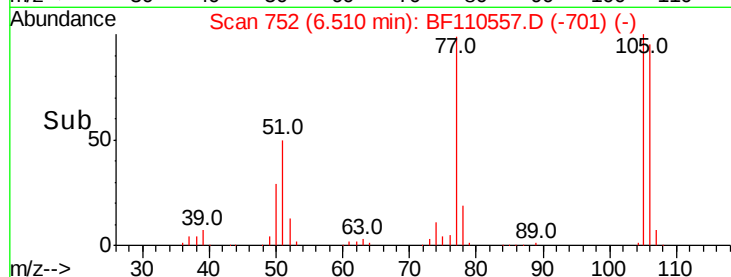
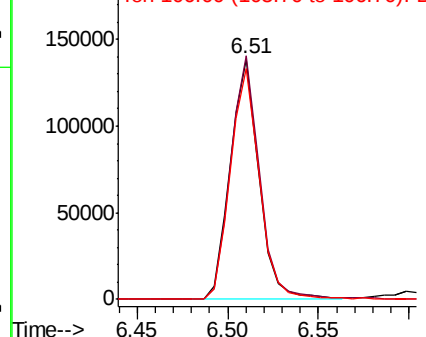
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 57.202 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

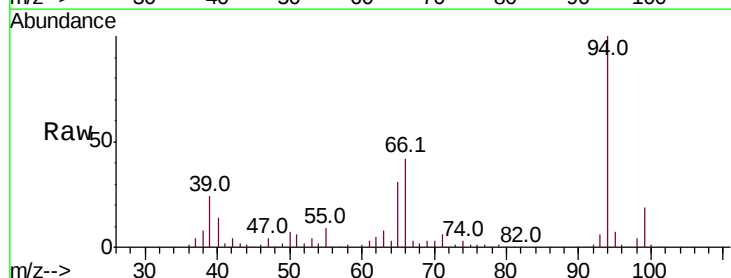
Tgt Ion: 94 Resp: 453601

Ion Ratio Lower Upper

94 100

65 31.1 25.3 65.3

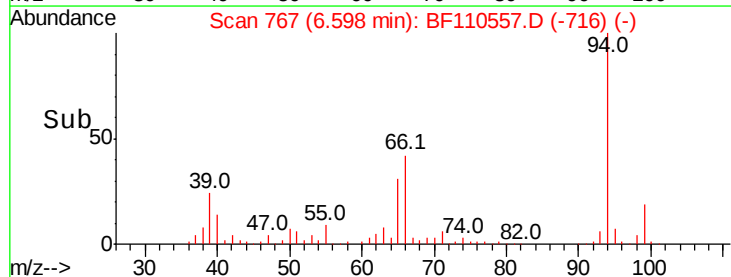
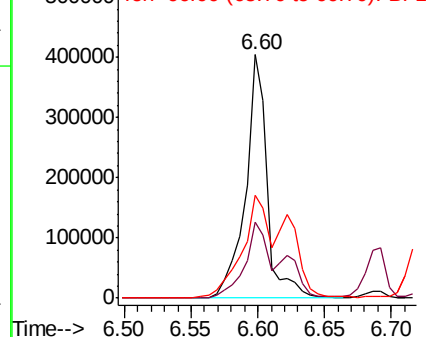
66 42.3 54.5 94.5#

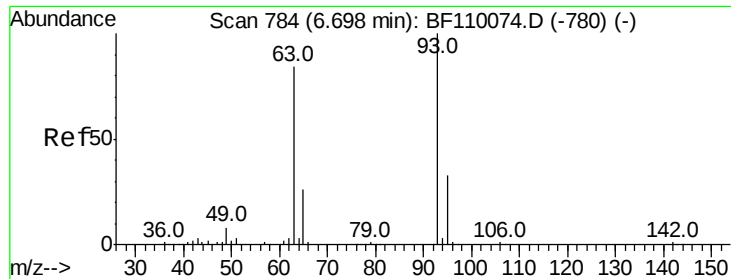


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





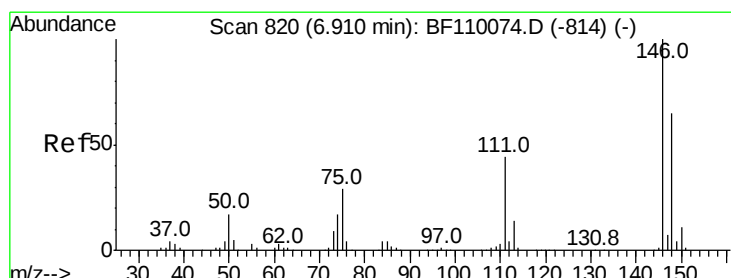
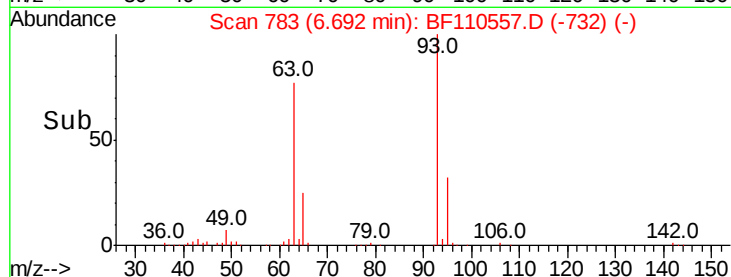
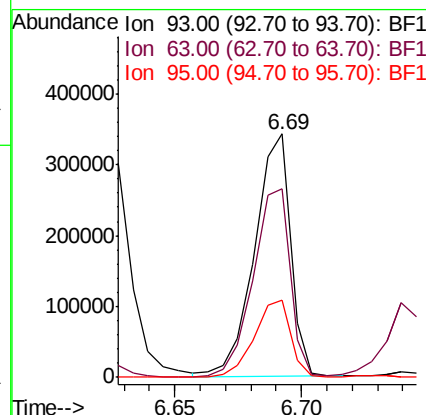
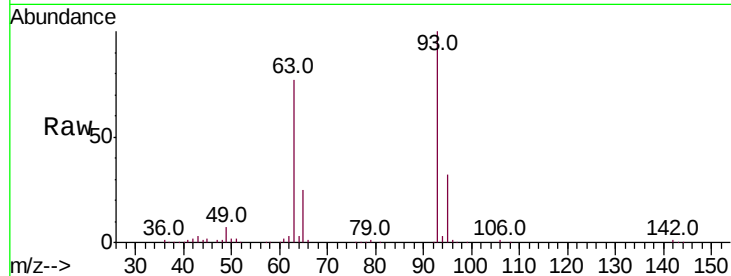
#11
bis(2-Chloroethyl)ether
Concen: 52.248 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Ratio	100	Resp	340866
Ion	93	100		Lower	Upper
	63	77.3		53.4	93.4
	95	31.9		12.1	52.1

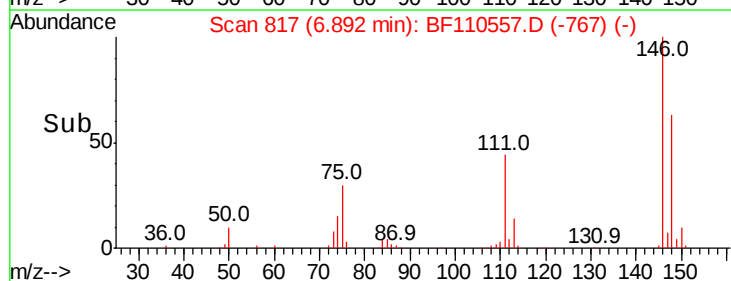
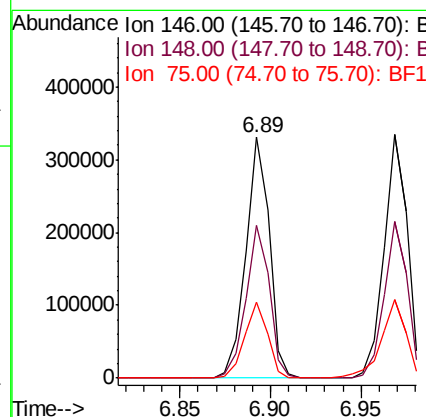
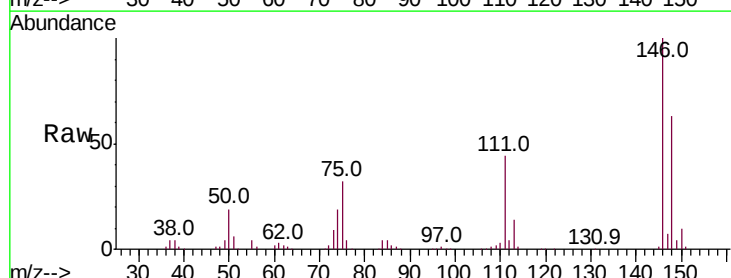
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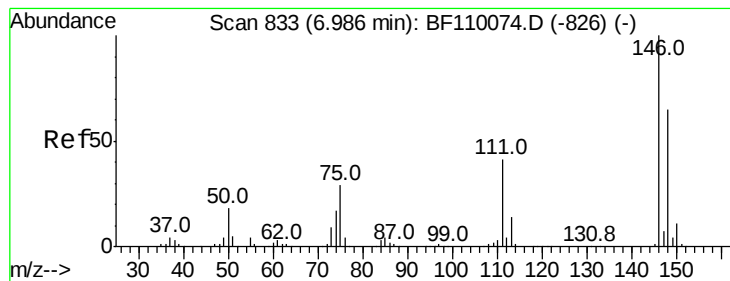
Sohil
11/9/2018 1:35:13 PM



#12
1,3-Dichlorobenzene
Concen: 40.463 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	146	Ratio	100	Resp	297756
Ion	146	100		Lower	Upper
	148	63.3		50.4	75.6
	75	31.5		25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 40.476 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

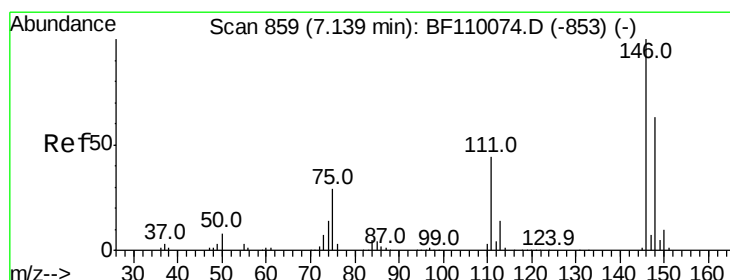
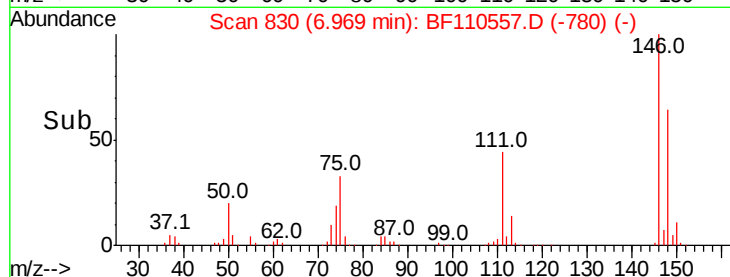
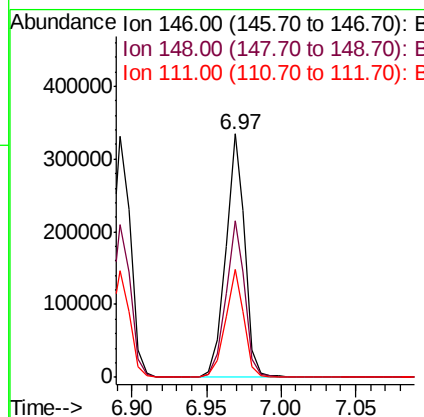
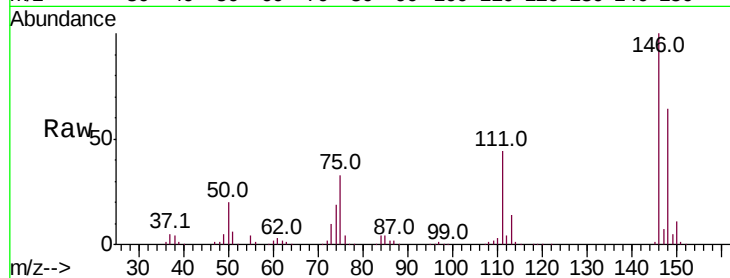
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	301236
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.3	75.5
111	44.3	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 43.173 ng

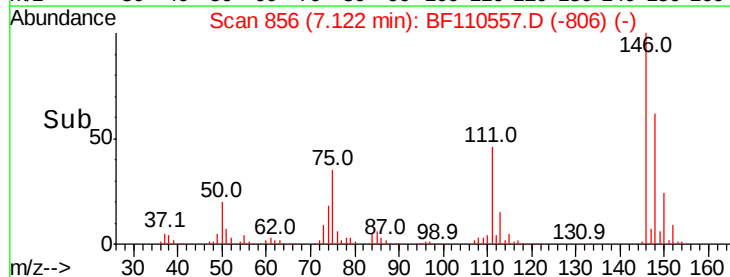
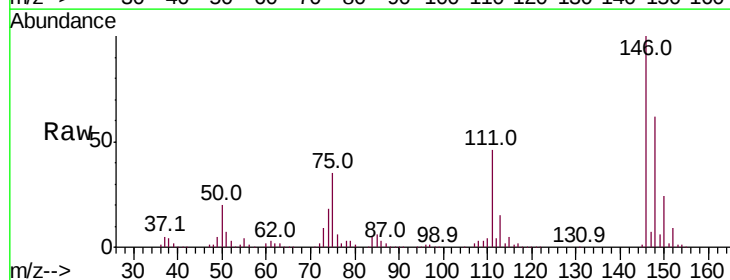
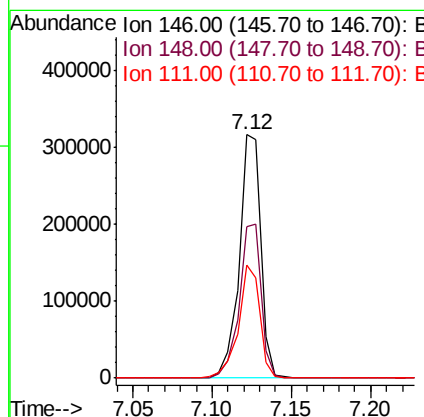
RT: 7.12 min Scan# 856

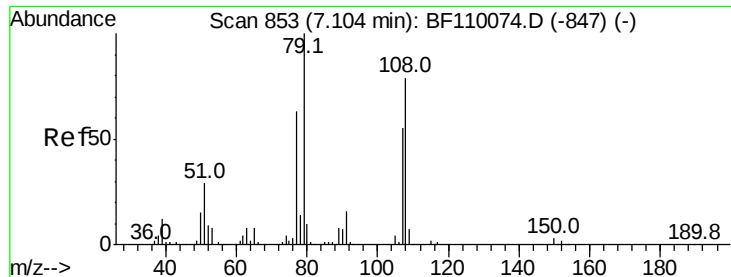
Delta R.T. -0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Tgt Ion:	146	Resp:	298277
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.1	76.7
111	46.5	35.8	53.6





#15

Benzyl Alcohol

Concen: 61.673 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

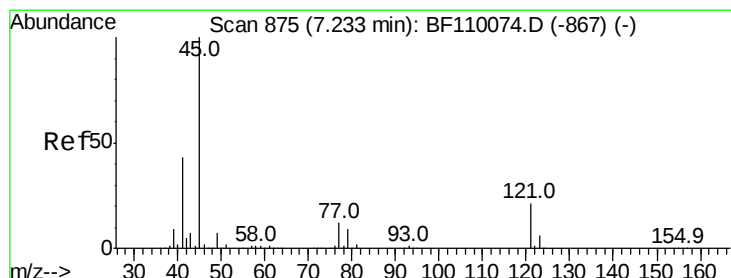
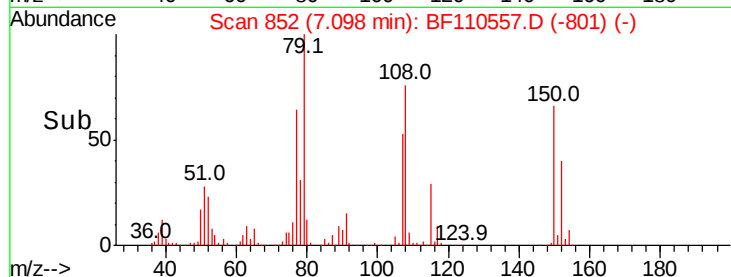
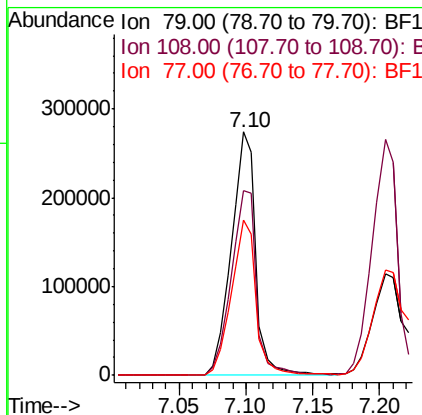
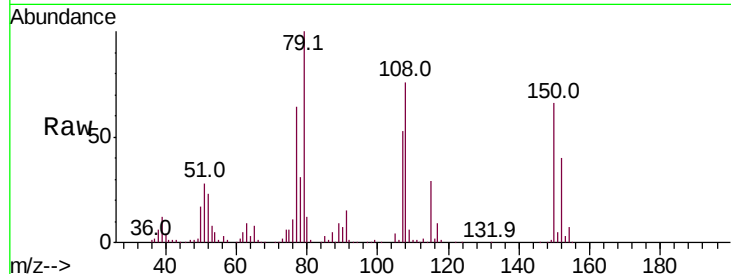
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	351889
Ion Ratio	Lower	Upper	
79	100		
108	76.0	56.3	84.5
77	63.9	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 54.658 ng

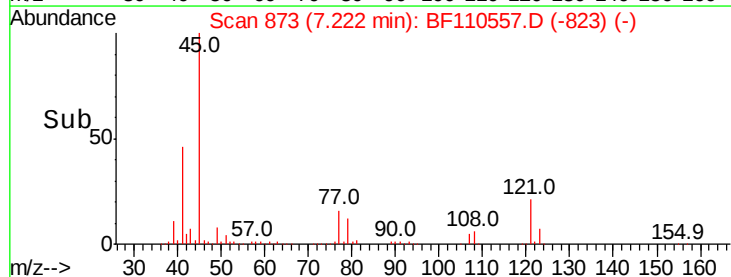
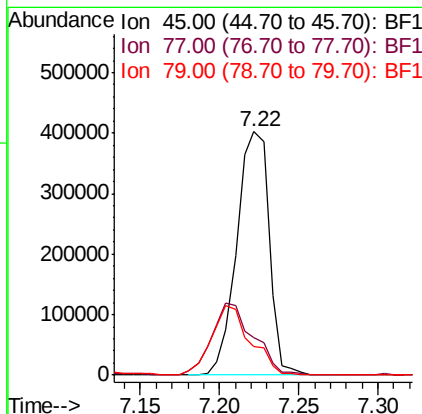
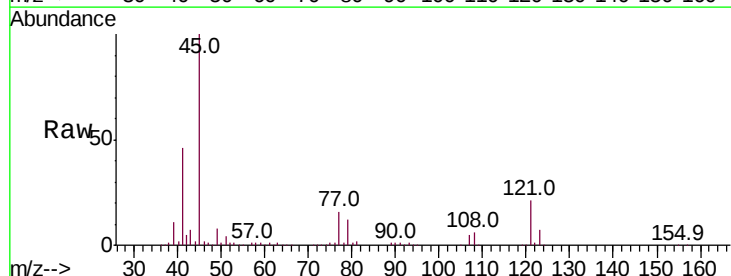
RT: 7.22 min Scan# 873

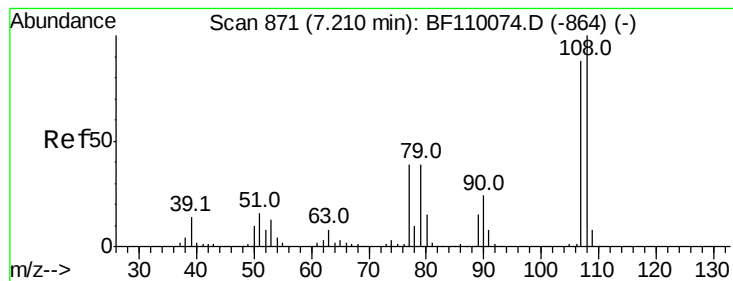
Delta R.T. -0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Tgt Ion:	45	Resp:	570145
Ion Ratio	Lower	Upper	
45	100		
77	15.5	10.0	50.0
79	11.9	6.1	46.1





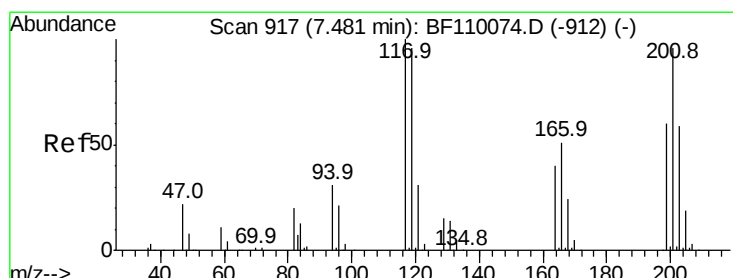
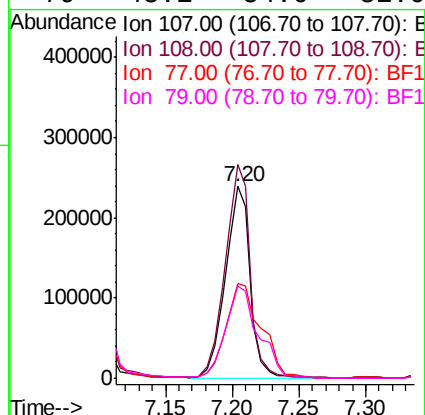
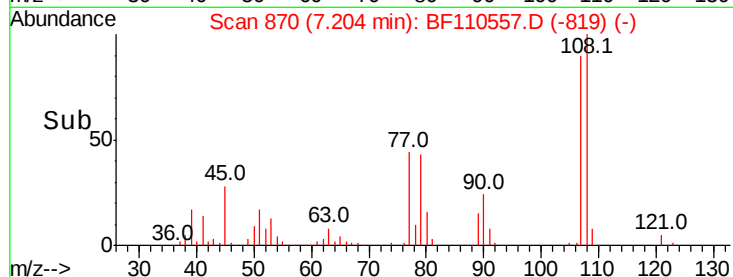
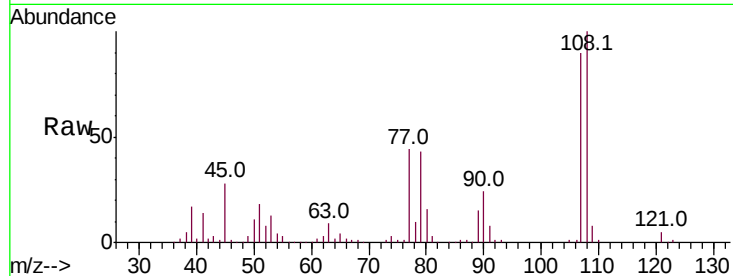
#17
2-Methylphenol
Concen: 58.580 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	92.6	138.8	
77	49.5	59.4	89.2#	
79	48.1	54.0	81.0#	

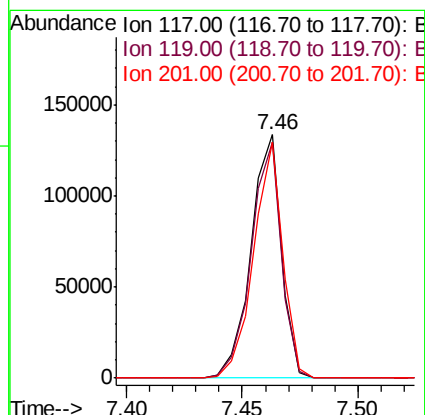
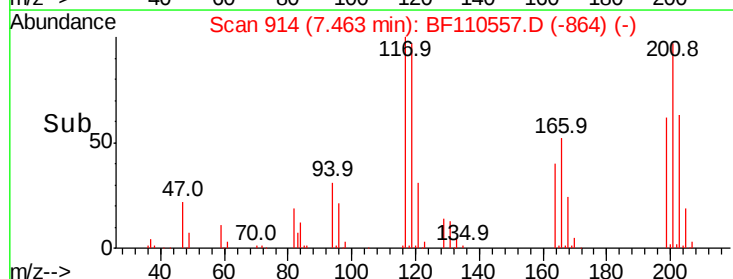
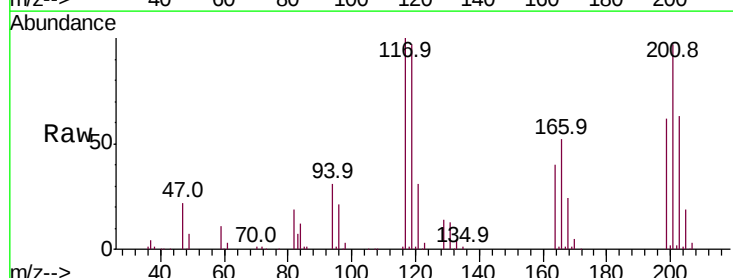
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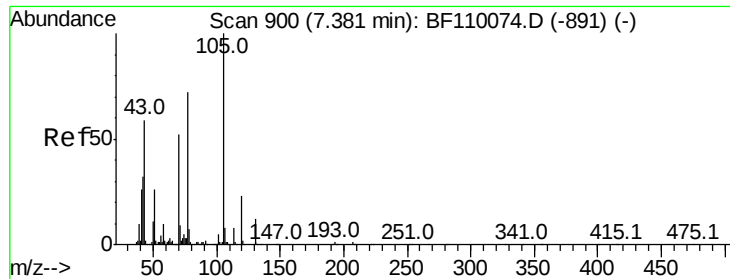
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#18
Hexachloroethane
Concen: 45.260 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	75.0	112.6	
201	97.1	79.2	118.8	





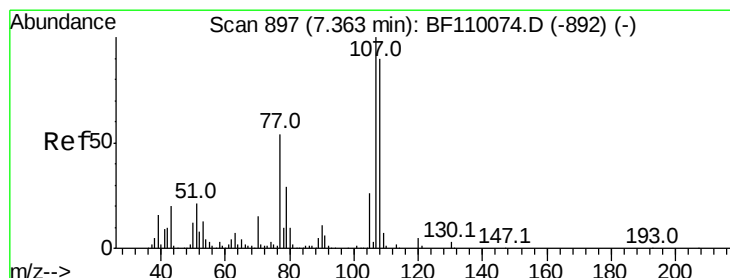
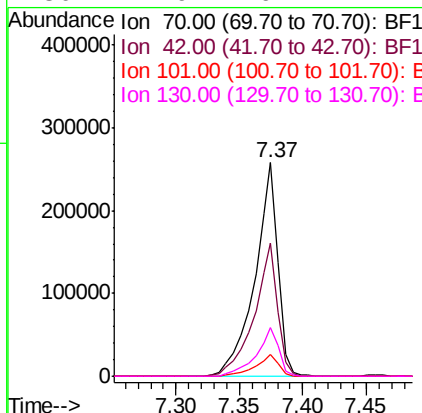
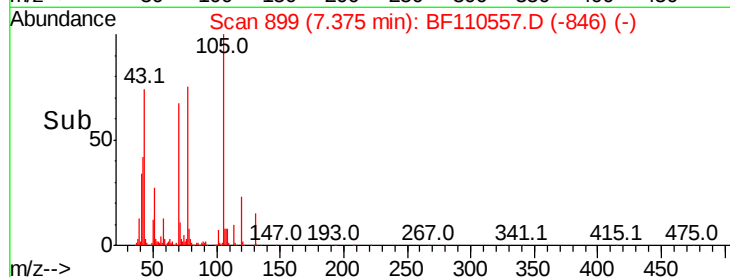
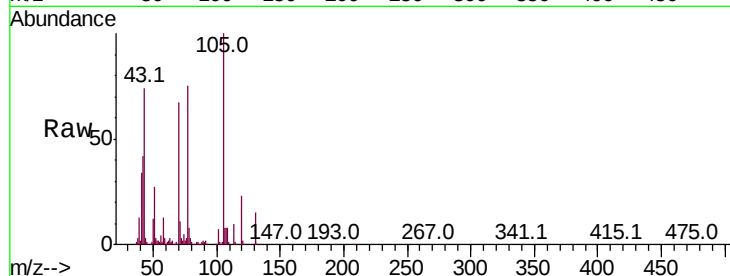
#19
n-Nitroso-di-n-propylamine
Concen: 68.933 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.1	47.4	71.2
101	10.1	7.3	10.9
130	22.9	16.2	24.2

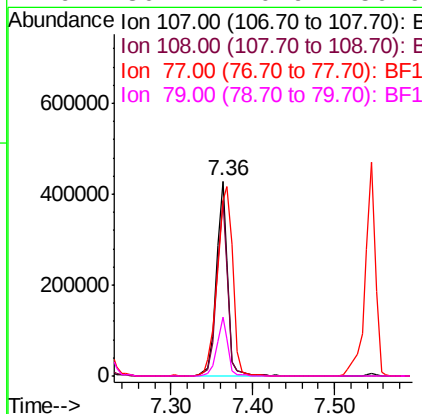
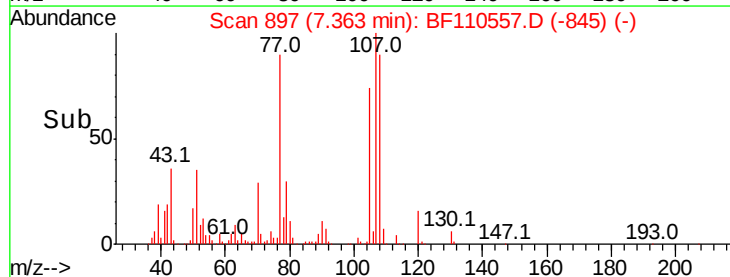
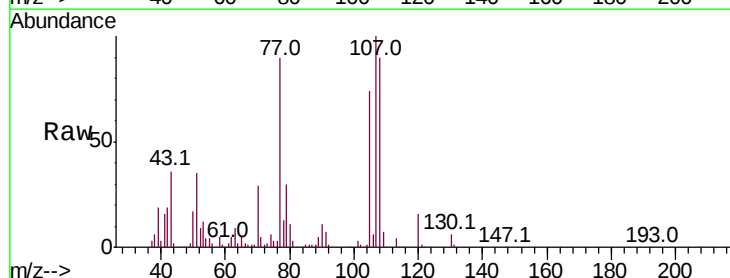
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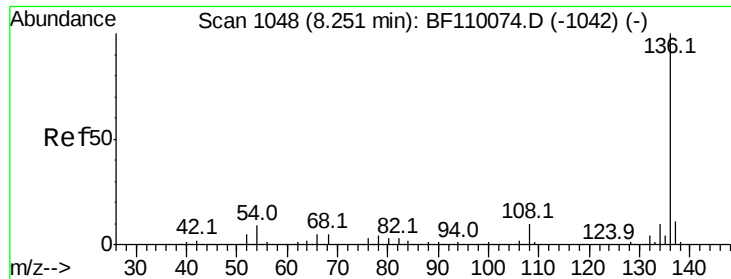
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#20
3+4-Methylphenols
Concen: 59.862 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.4	111.4
77	89.8	47.3	87.3#
79	30.2	10.9	50.9





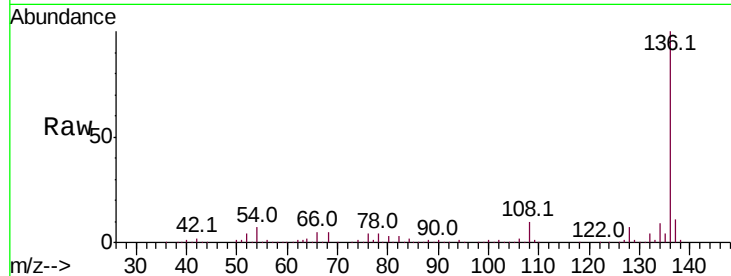
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.8	13.2	
54	7.5	5.4	8.2	
68	5.1	4.2	6.2	

Manual Integrations
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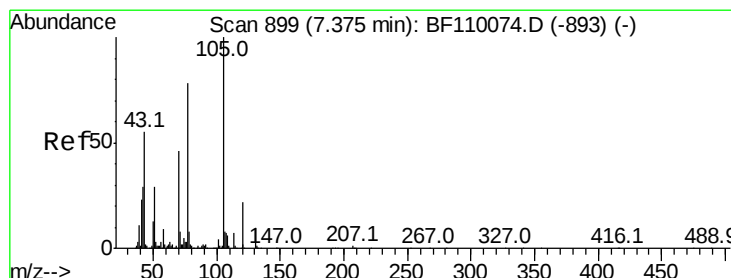
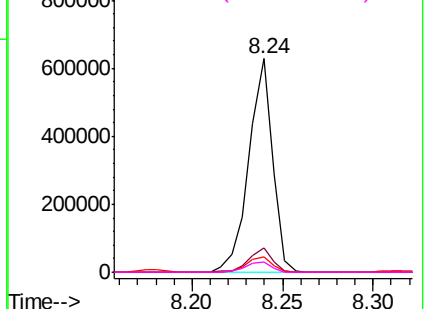
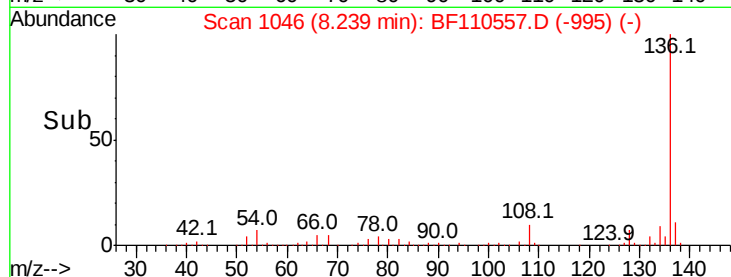
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

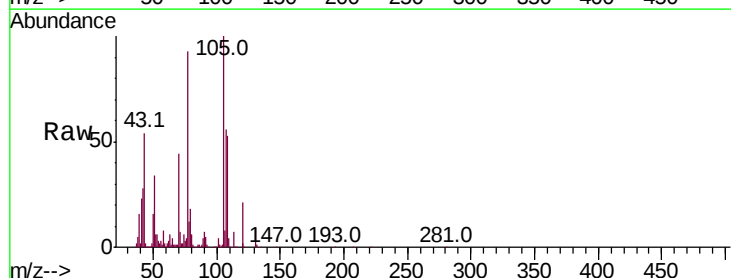
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.973 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.4	5.2	7.8	
51	34.3	21.8	32.8	
120	21.5	17.0	25.4	



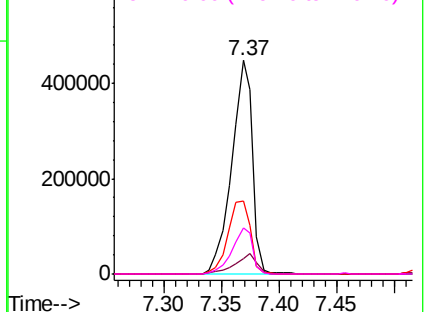
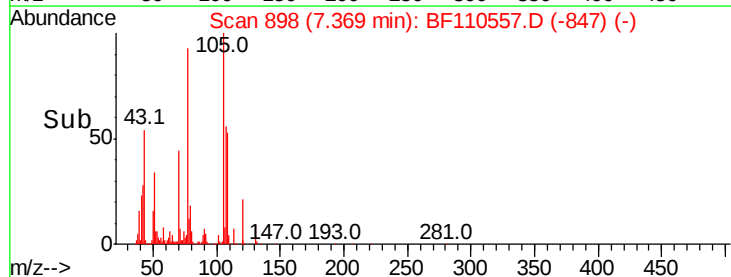
Abundance

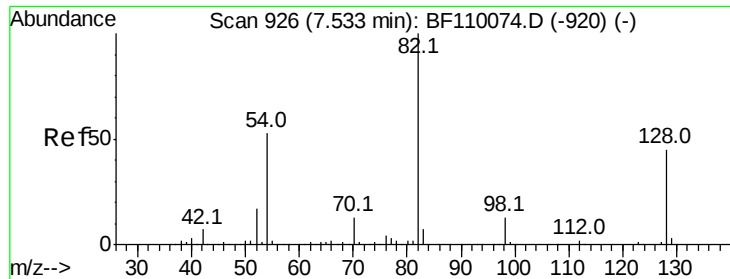
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





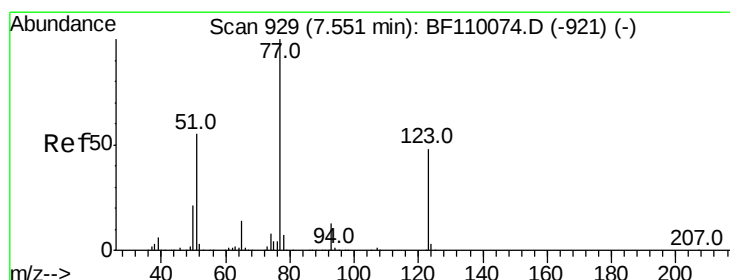
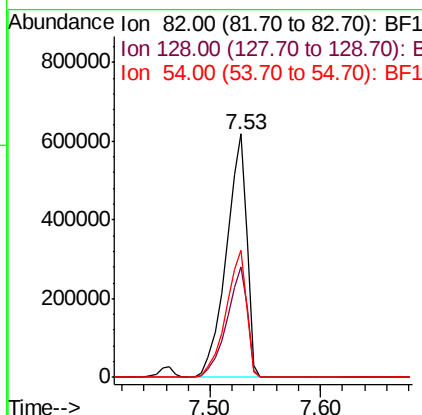
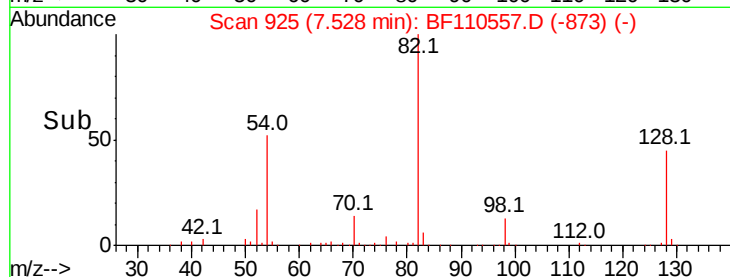
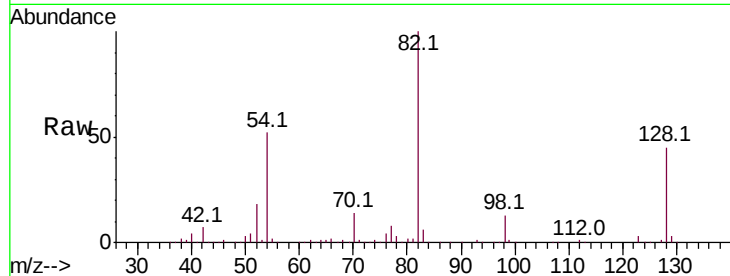
#23
Nitrobenzene-d5
Concen: 82.888 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.2	51.2
54	52.2	38.6	58.0

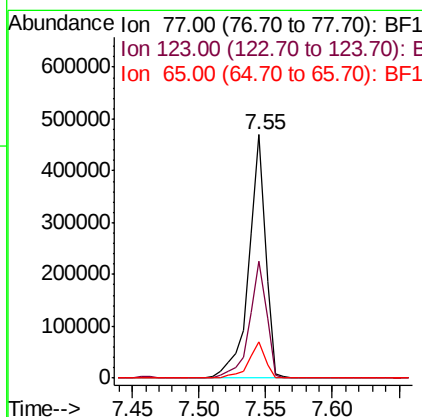
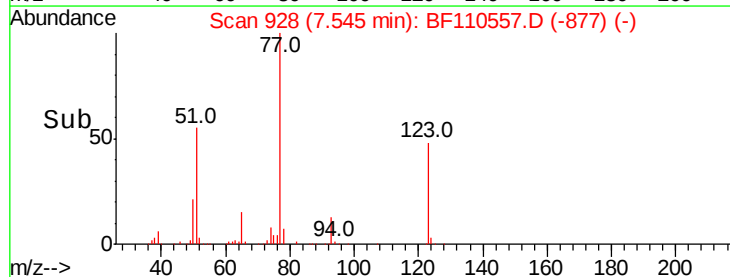
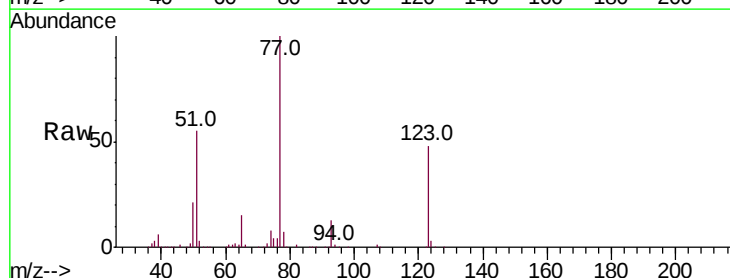
Manual Integrations
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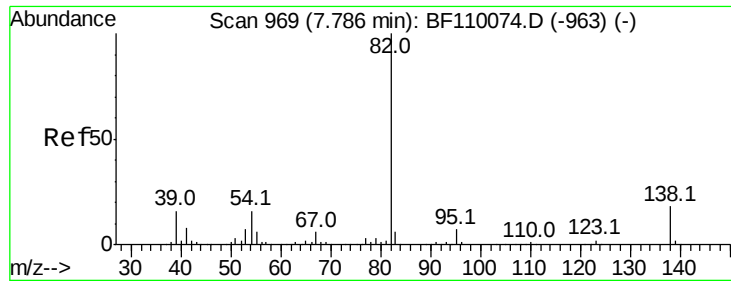
Sohil
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#24
Nitrobenzene
Concen: 40.107 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	35.7	53.5
65	14.7	10.7	16.1





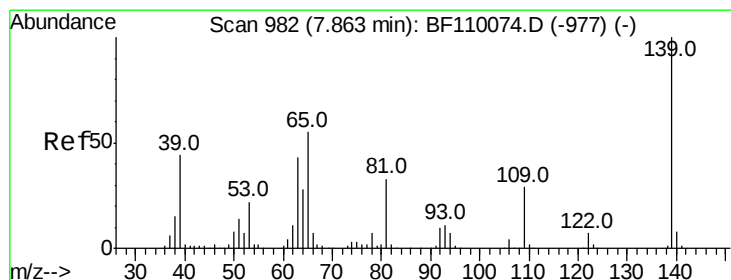
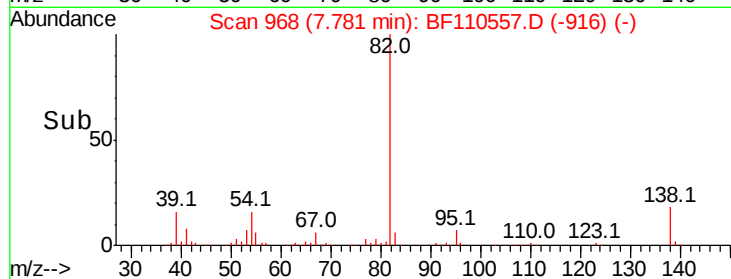
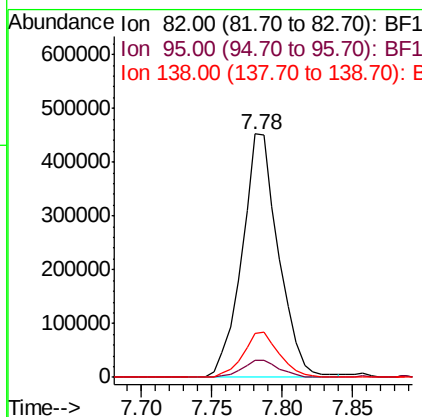
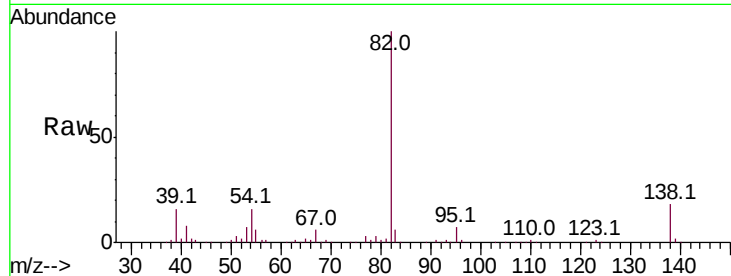
#25
Isophorone
Concen: 49.729 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	18.0	13.2	19.8

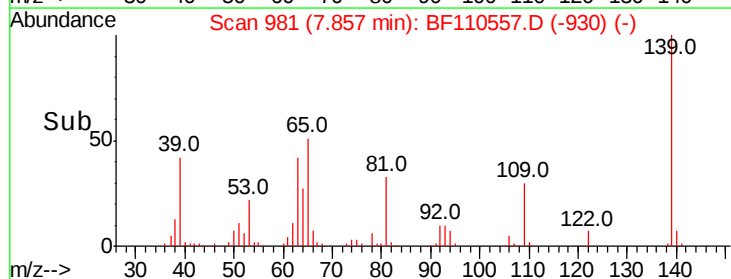
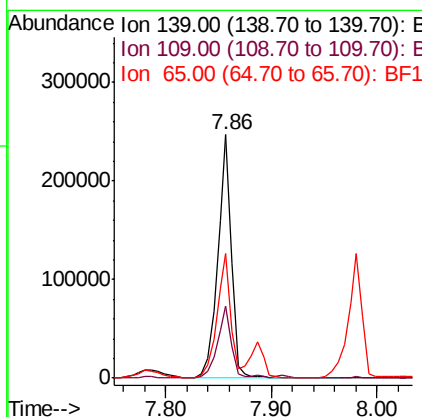
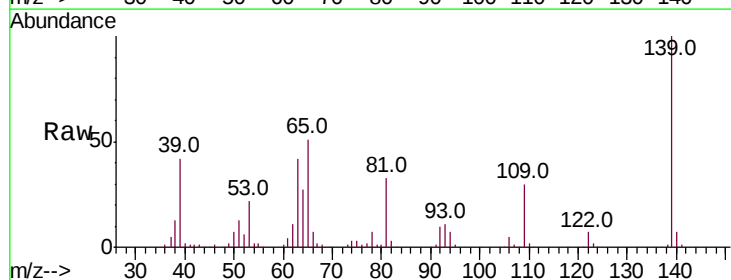
Manual Integrations
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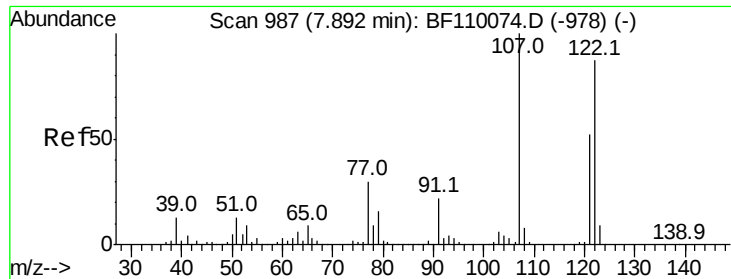
Sohil
11/9/2018 1:35:13 PM



#26
2-Nitrophenol
Concen: 47.795 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.7	25.0	37.6
65	51.0	44.0	66.0





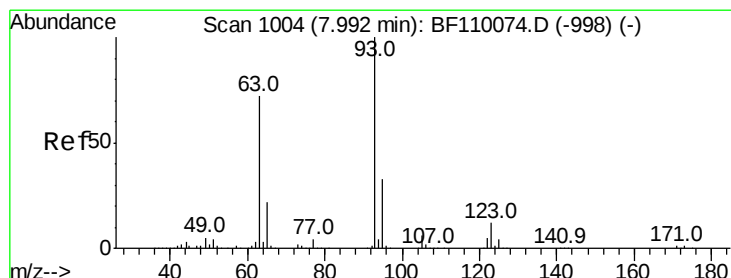
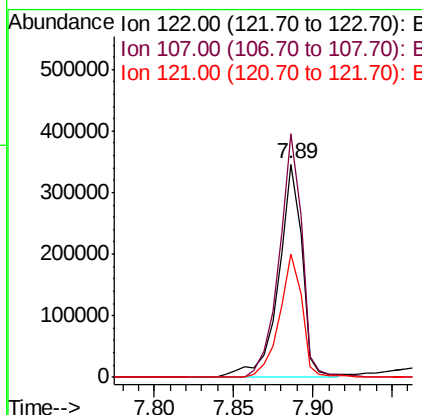
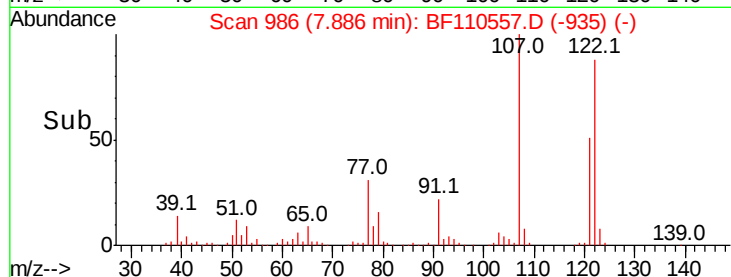
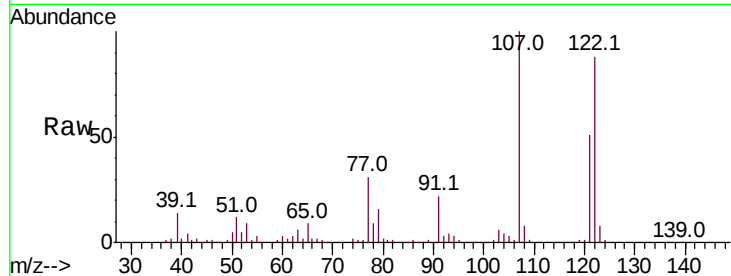
#27
2,4-Dimethylphenol
Concen: 45.199 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	92.5	138.7
121	57.7	45.8	68.8

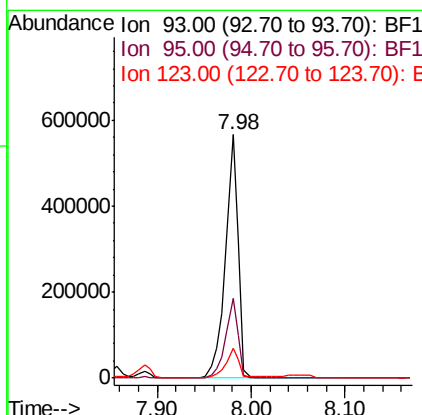
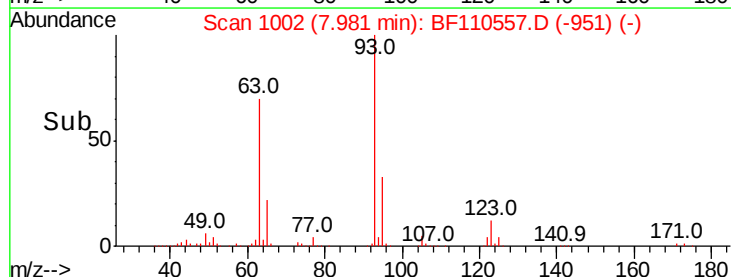
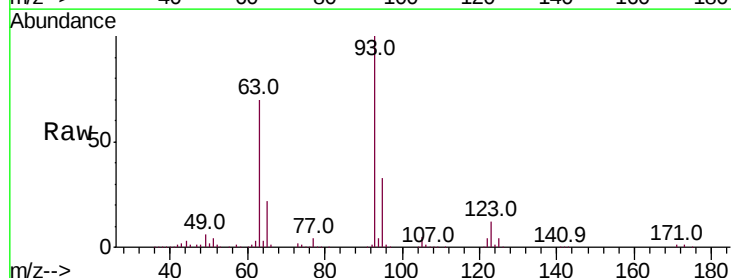
Manual Integrations
APPROVED

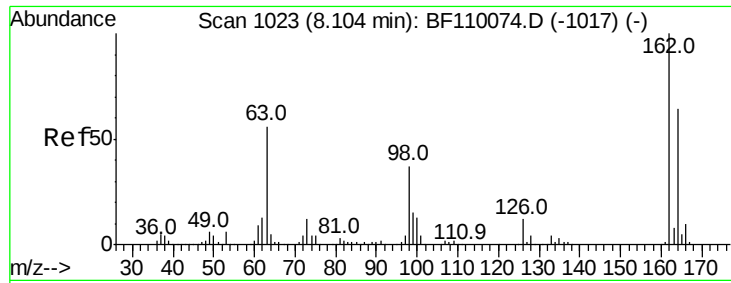
Sohil
11/9/2018 1:35:13 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.478 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	12.2	9.0	13.6





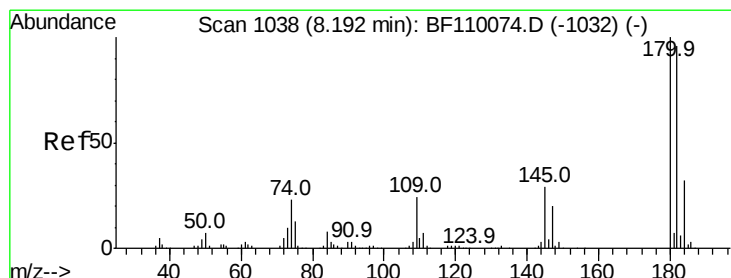
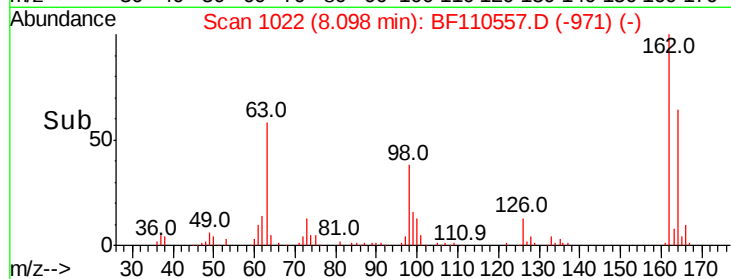
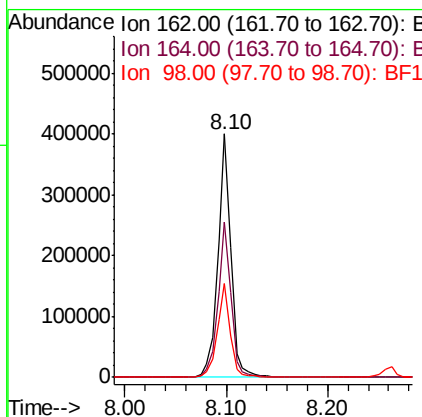
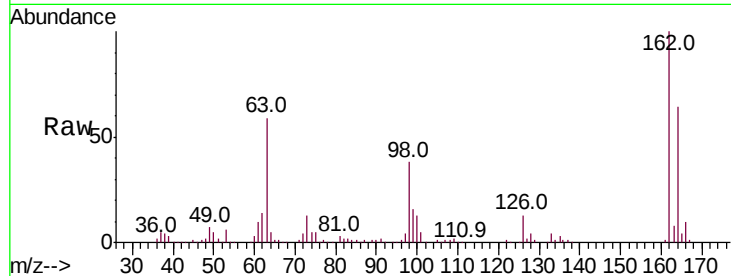
#29
 2,4-Dichlorophenol
 Concen: 44.923 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	44.6	84.6
98	38.4	17.4	57.4

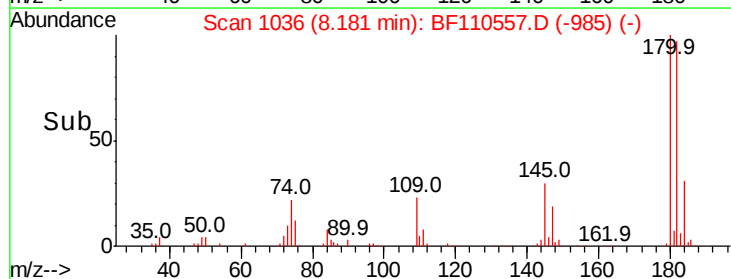
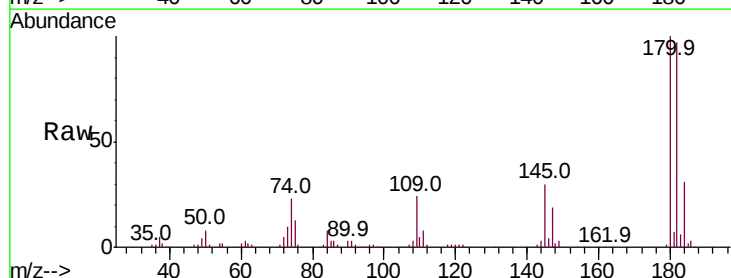
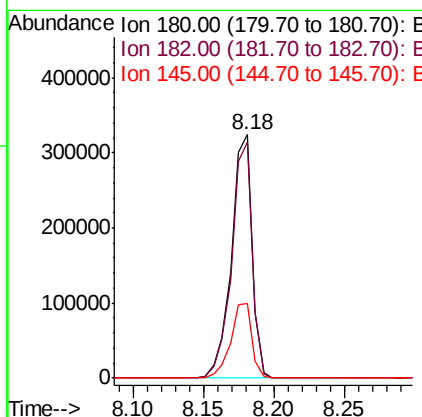
Manual Integrations
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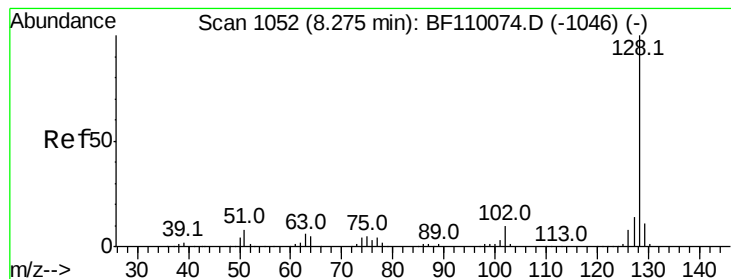
Sohil
 11/9/2018 1:35:13 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.043 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.1	80.3	120.5
145	30.4	25.4	38.0





#31

Naphthalene

Concen: 39.766 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1051467

Ion Ratio Lower Upper

128 100

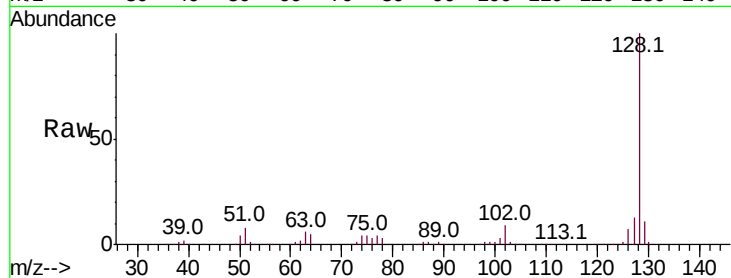
129 11.1 8.8 13.2

127 13.4 10.8 16.2

Manual Integrations
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Sohil

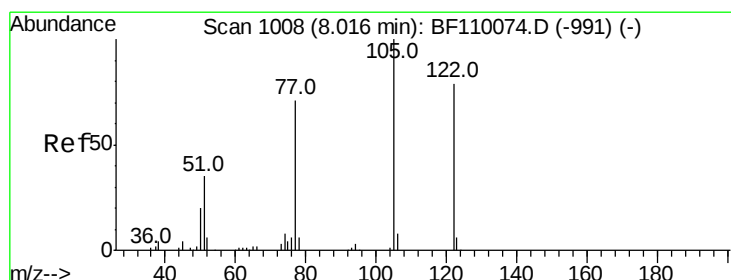
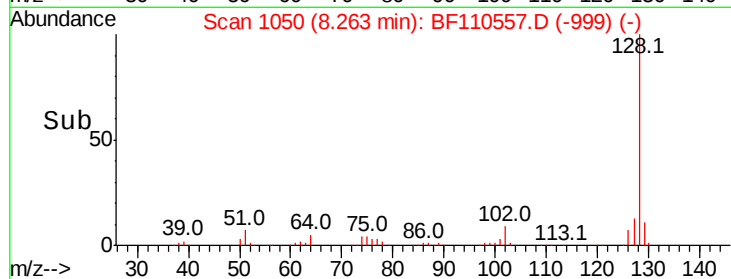
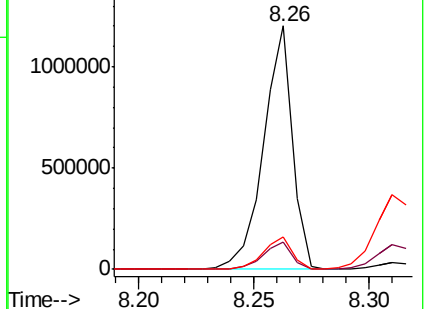
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 54.447 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.05 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

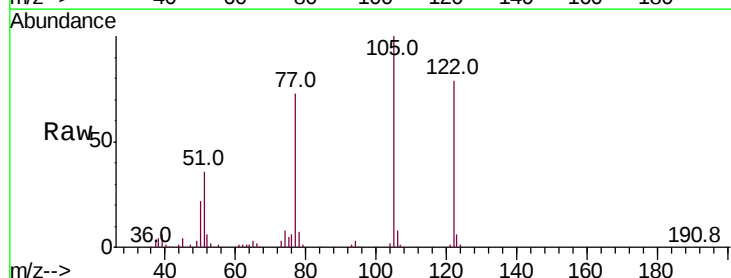
Tgt Ion:122 Resp: 331545

Ion Ratio Lower Upper

122 100

105 127.1 109.0 149.0

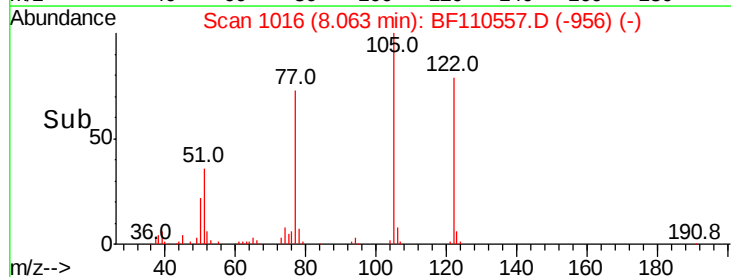
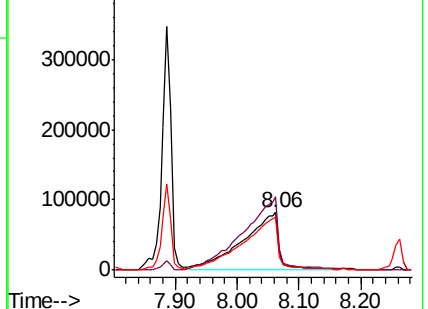
77 92.4 79.0 119.0

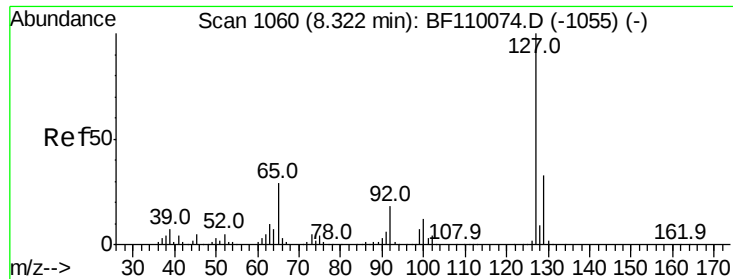


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





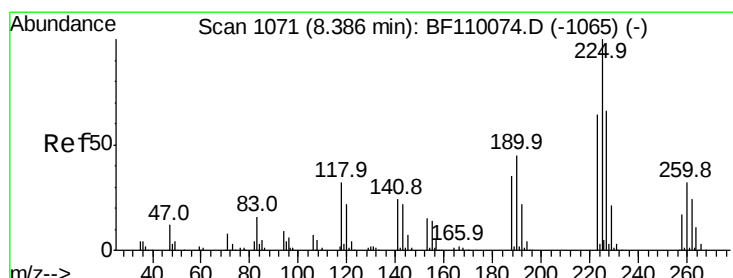
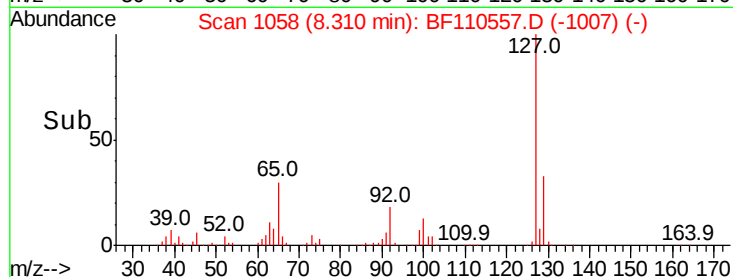
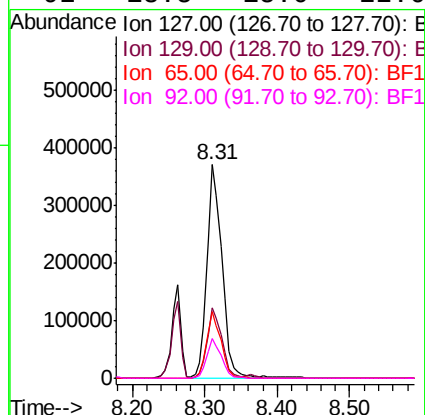
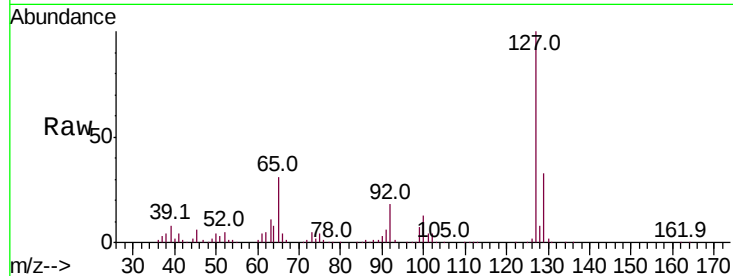
#33
 4-Chloroaniline
 Concen: 45.765 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	127	Resp:	544618
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.0	39.0
65	31.0	25.1	37.7
92	18.5	15.0	22.6

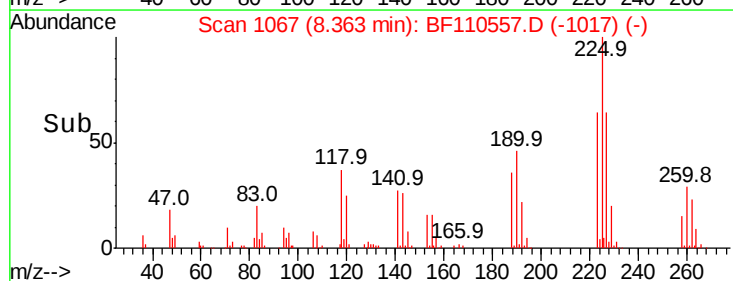
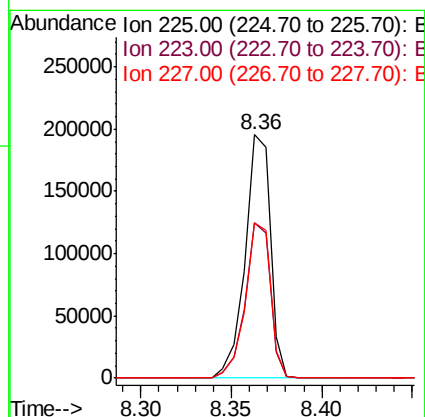
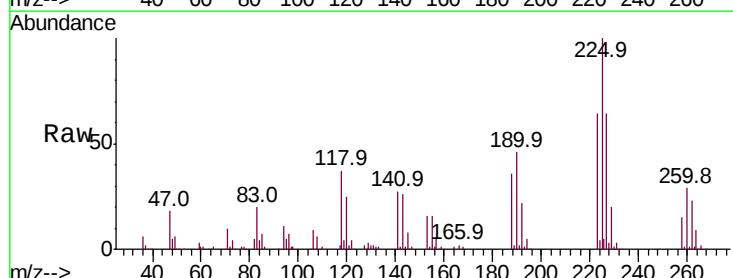
Manual Integrations
 APPROVED

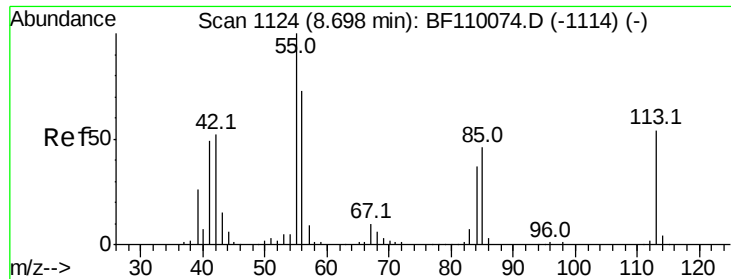
Sohil
 11/9/2018 1:35:13 PM



#34
 Hexachlorobutadiene
 Concen: 38.415 ng
 RT: 8.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Tgt Ion:	225	Resp:	190172
Ion Ratio	Lower	Upper	
225	100		
223	63.8	51.4	77.2
227	63.6	51.0	76.6





#35

Caprolactam

Concen: 54.040 ng/mL

RT: 8.73 min Scan# 1129

Delta R.T. 0.04 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

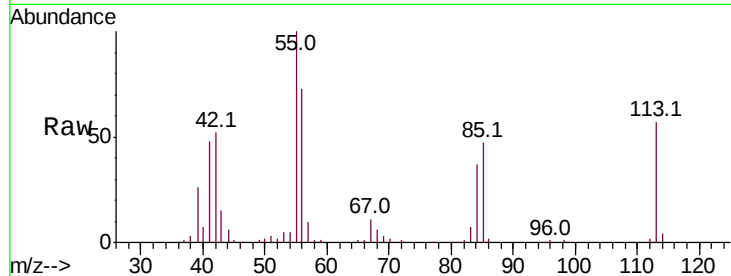
ClientSampled :

SSTDCCC040

Tot Ion:	113	Resp:	149924
Ion Ratio	Lower	Upper	
113	100		
55	176.6	142.8	182.8
56	129.1	105.0	145.0

Manual Integrations
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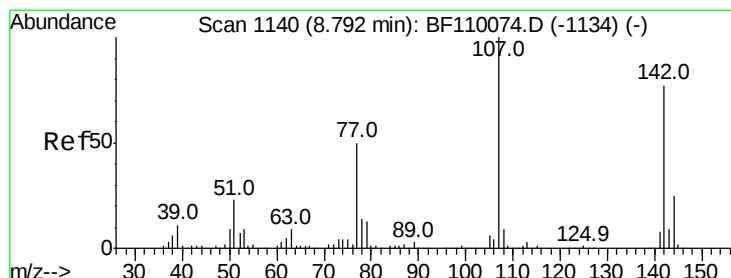
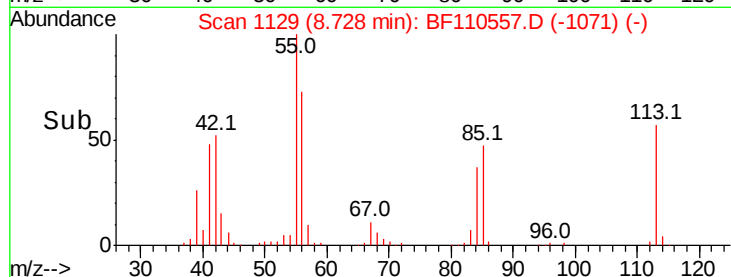
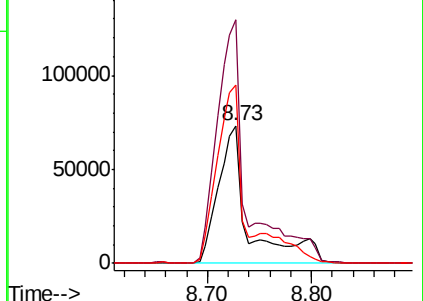
Sohil
11/9/2018 1:35:13 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 50.285 ng/mL

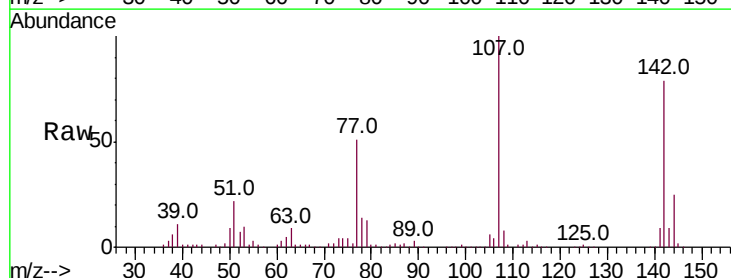
RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

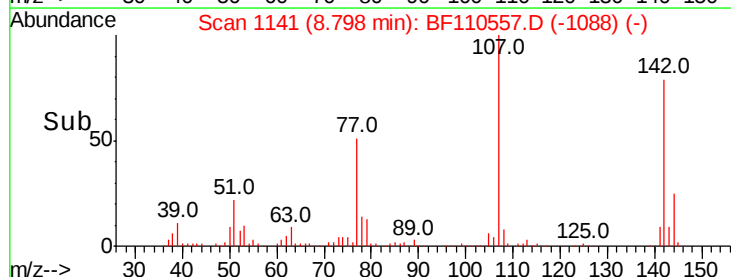
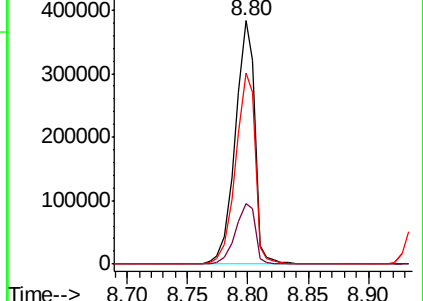
Tgt Ion:	107	Resp:	432823
Ion Ratio	Lower	Upper	
107	100		
144	25.0	20.0	30.0
142	78.7	59.7	89.5

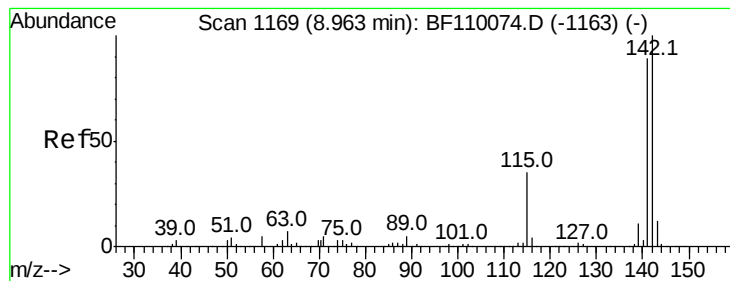


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





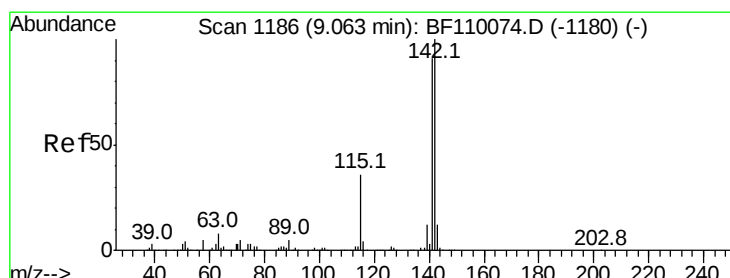
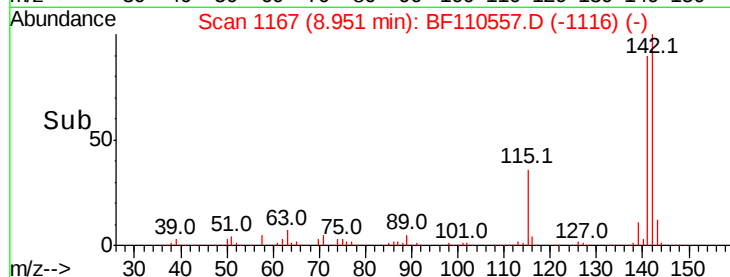
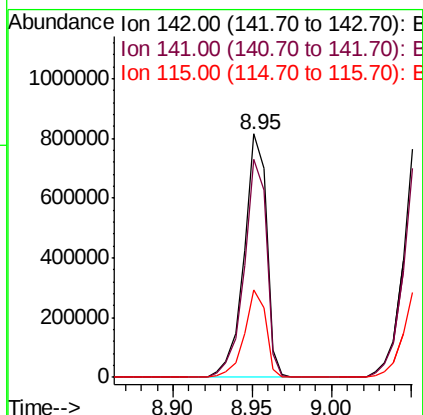
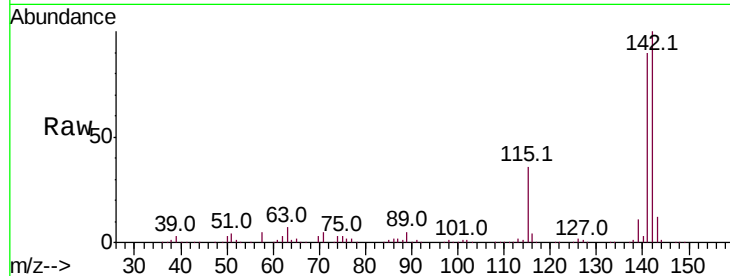
#37
2-Methylnaphthalene
Concen: 45.828 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	35.8	28.7	43.1

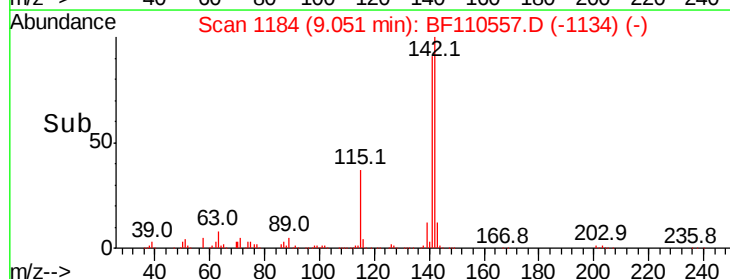
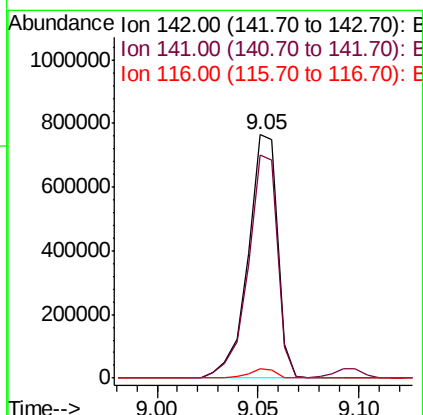
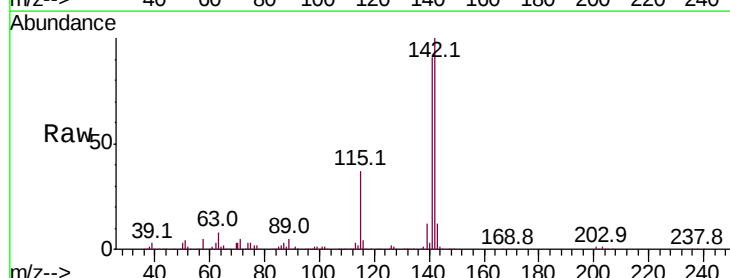
Manual Integrations
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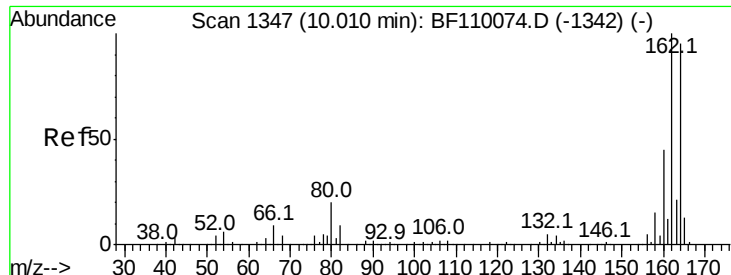
Sohil
11/9/2018 1:35:13 PM



#38
1-Methylnaphthalene
Concen: 46.290 ng m
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.2	111.4
116	4.0	2.6	4.0#





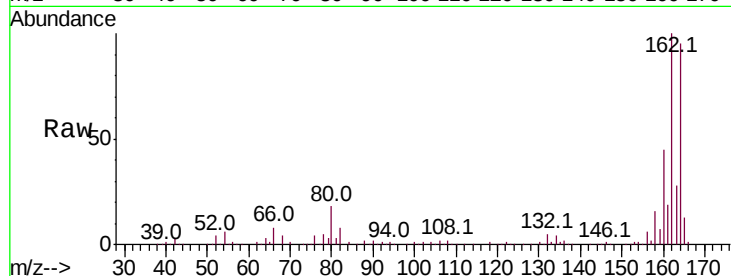
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.9	83.0	124.6	
160	47.3	37.0	55.6	

Manual Integrations
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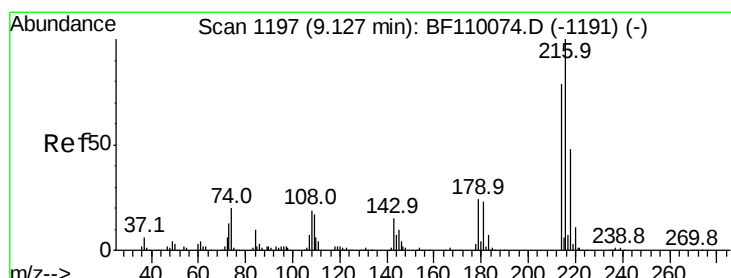
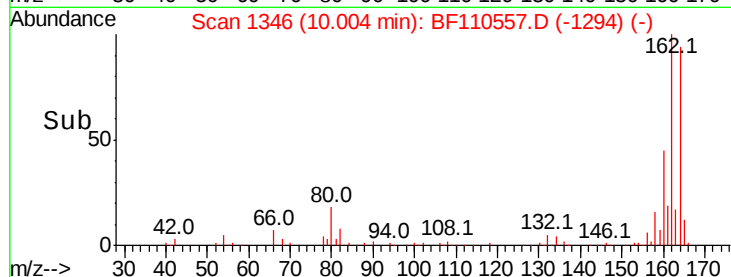
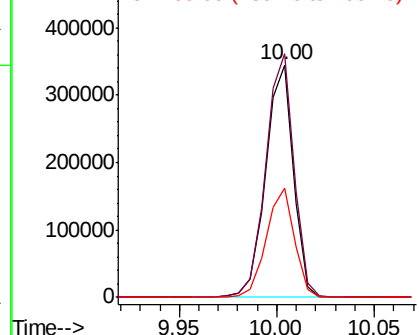


Abundance

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



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.188 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.8	95.6	
179	22.9	16.6	25.0	
108	20.3	15.1	22.7	

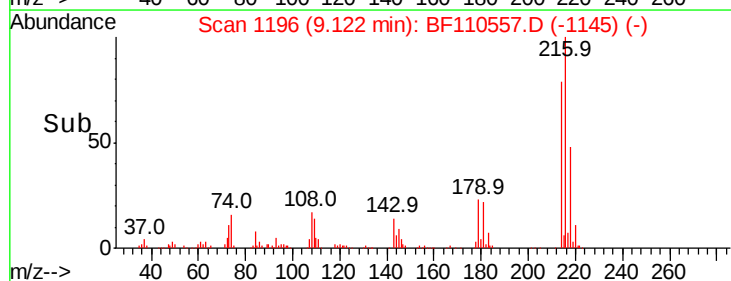
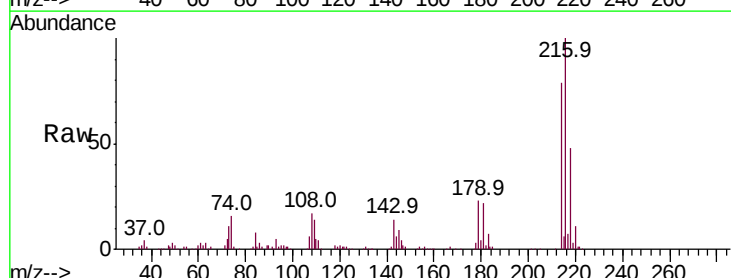
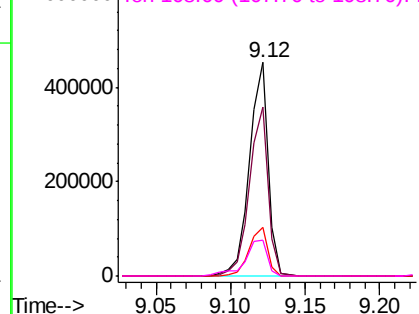
Abundance

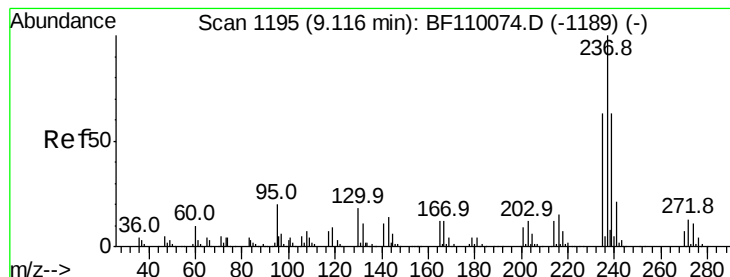
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.572 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

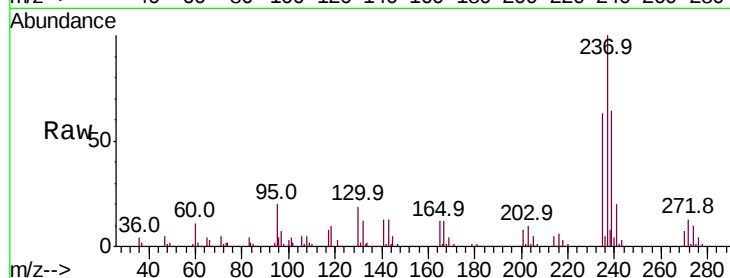
ClientSampleId :

SSTDCCC040

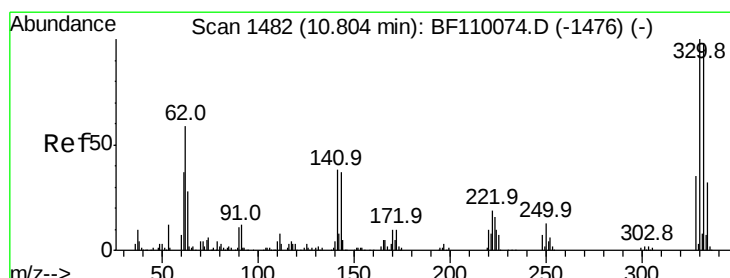
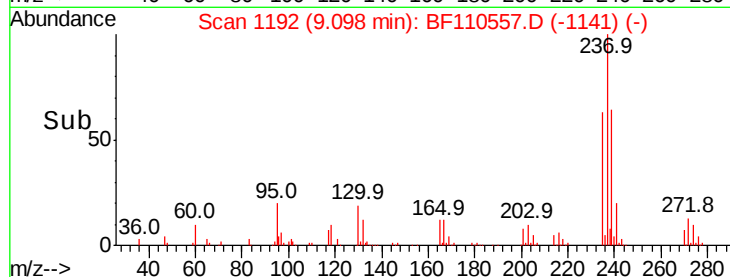
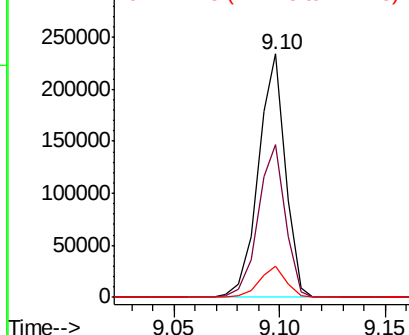
Tot Ion:	237	Resp:	208199
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.1	83.1
272	12.9	0.0	32.6

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 81.896 ng

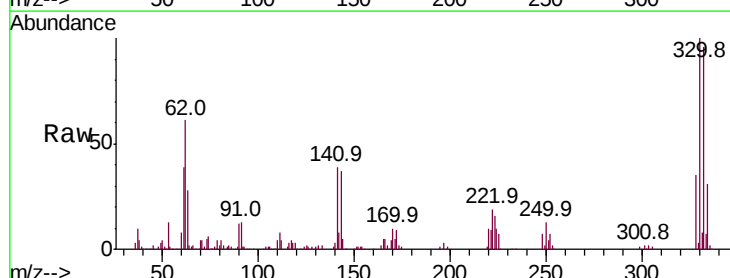
RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

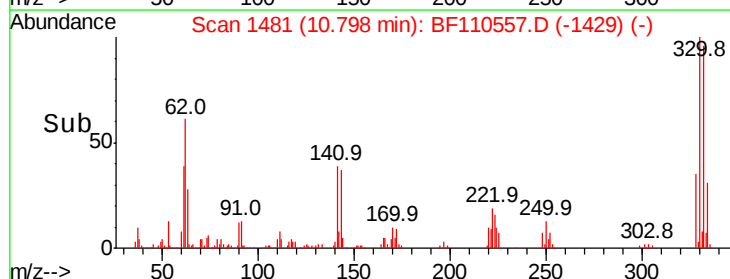
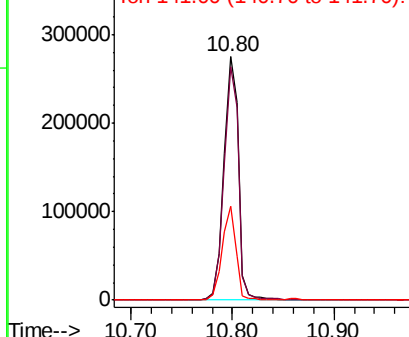
Lab File: BF110557.D

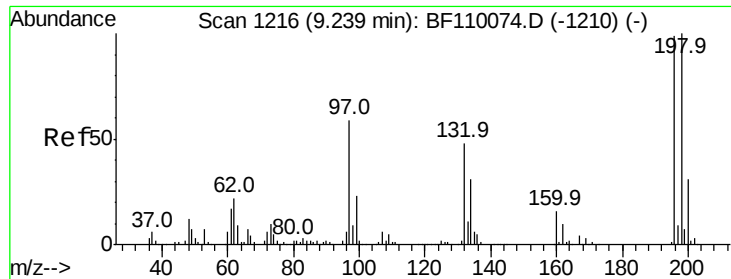
Acq: 7 Nov 2018 16:02

Tgt Ion:	330	Resp:	274841
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.1	115.7
141	36.4	27.0	40.4



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





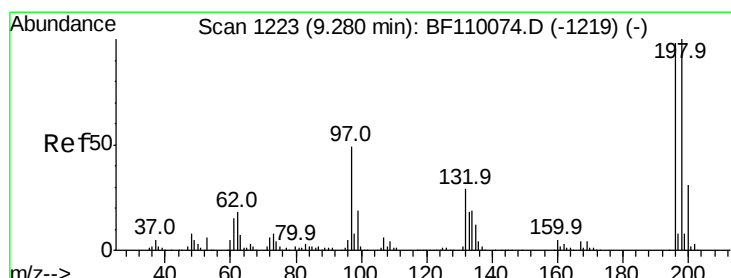
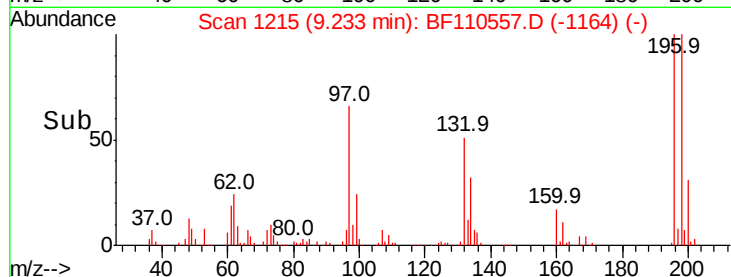
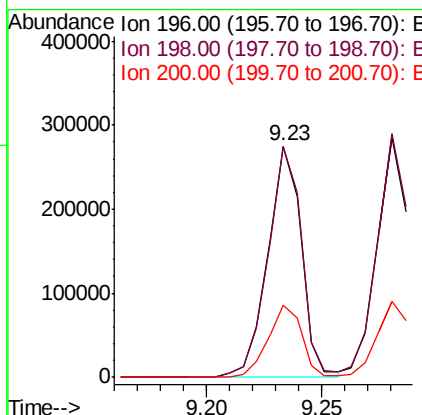
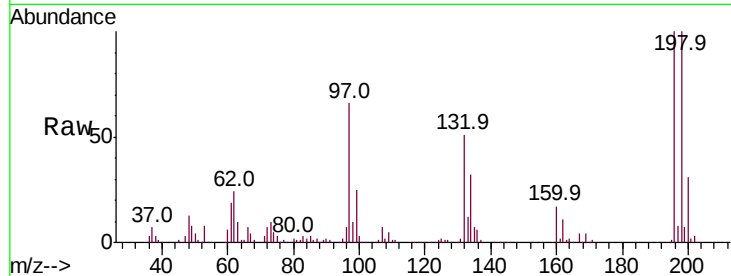
#43
 2,4,6-Trichlorophenol
 Concen: 40.827 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	277975		
198	100.0	76.2	114.4	
200	30.9	24.4	36.6	

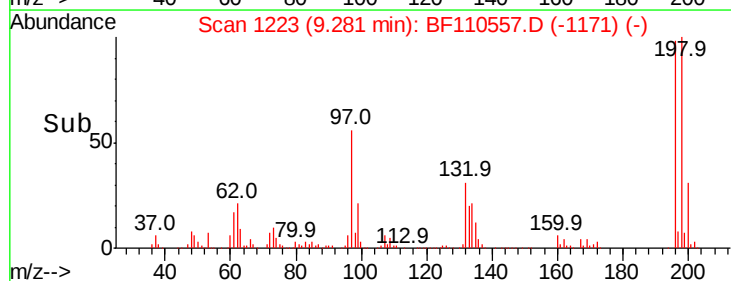
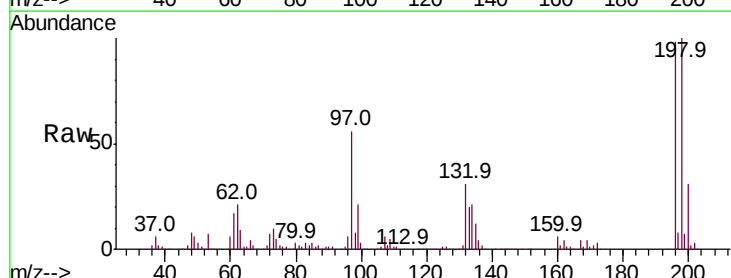
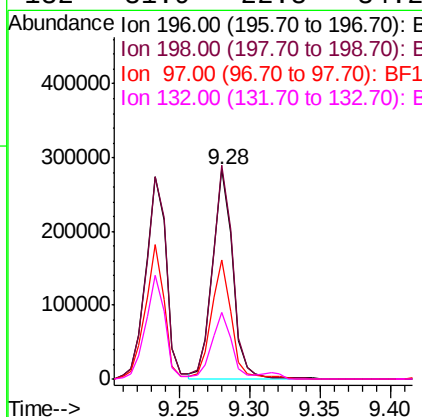
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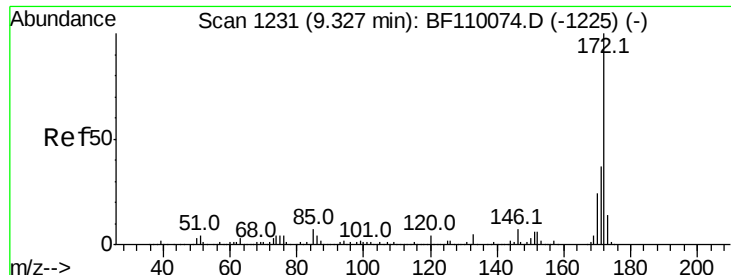
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#44
 2,4,5-Trichlorophenol
 Concen: 39.536 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	284540		
198	101.8	75.8	113.6	
97	57.0	42.4	63.6	
132	31.9	22.8	34.2	





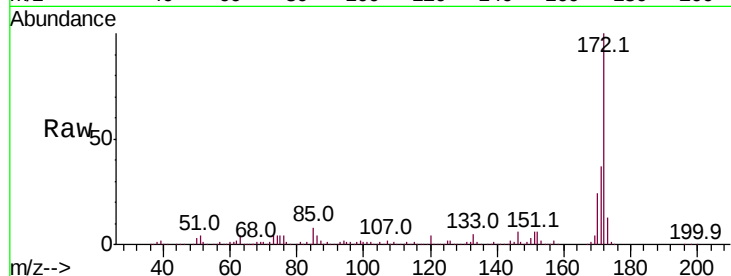
#45
2-Fluorobiphenyl
Concen: 79.507 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

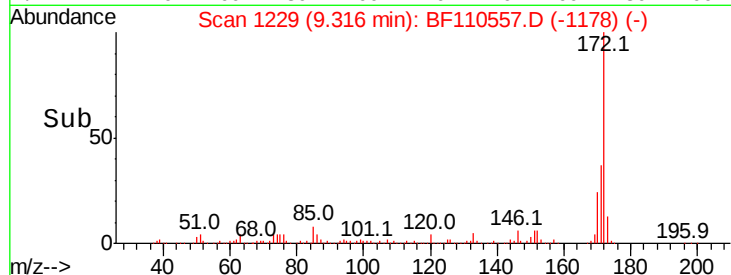
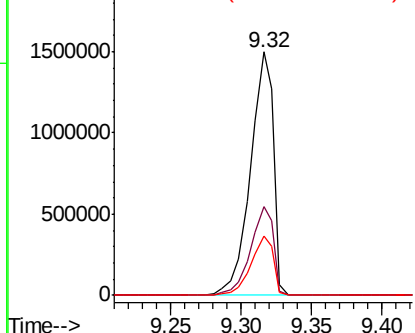
Tot Ion:172 Resp: 1715414
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.2 19.7 29.5

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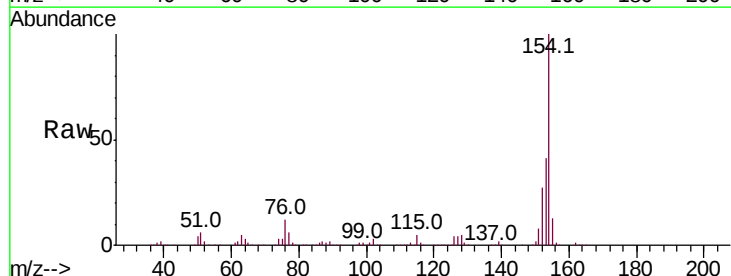
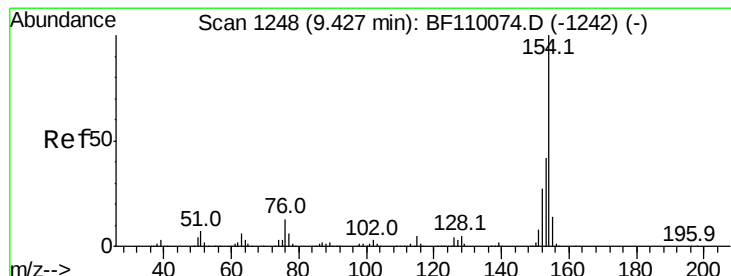
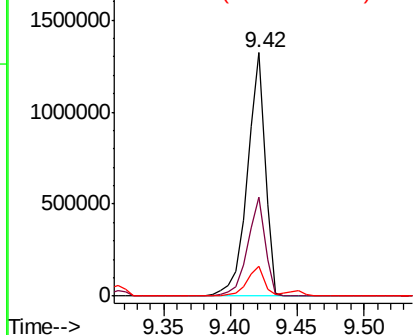
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

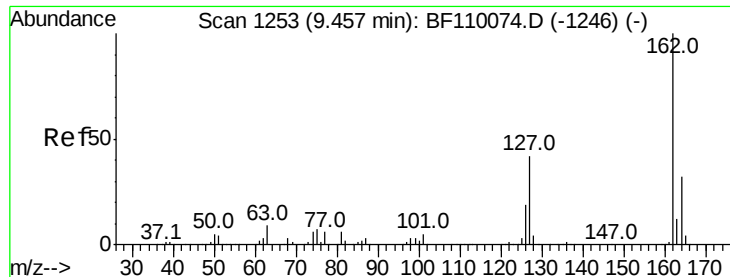


#46
1,1'-Biphenyl
Concen: 39.236 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion:154 Resp: 1202087
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 12.1 0.0 31.9

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





#47

2-Chloronaphthalene

Concen: 38.401 ng

RT: 9.45 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

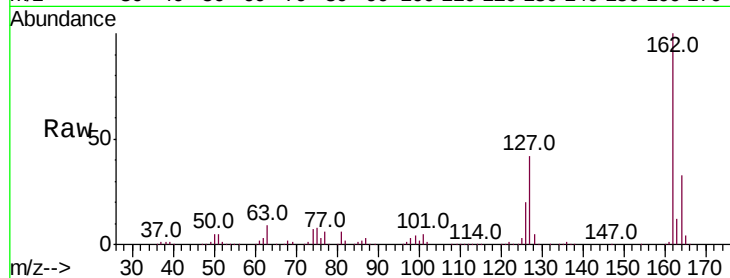
ClientSampleId :

SSTDCCC040

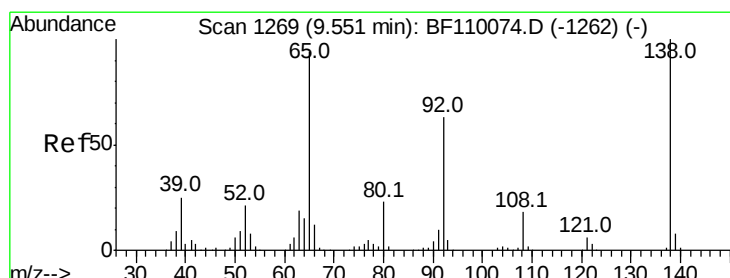
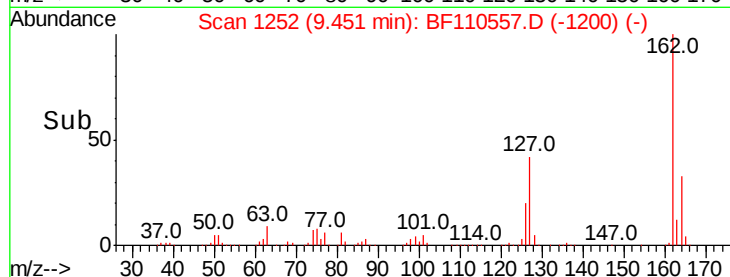
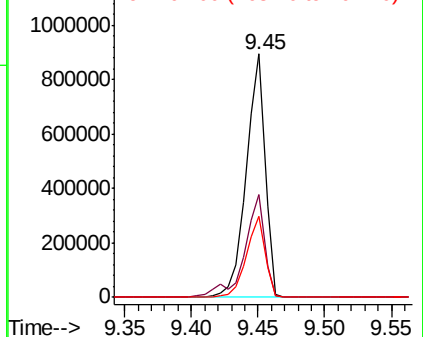
Tot Ion:	162	Resp:	863005
Ion Ratio	Lower	Upper	
162	100		
127	42.3	32.6	48.8
164	33.5	25.9	38.9

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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



#48

2-Nitroaniline

Concen: 42.110 ng

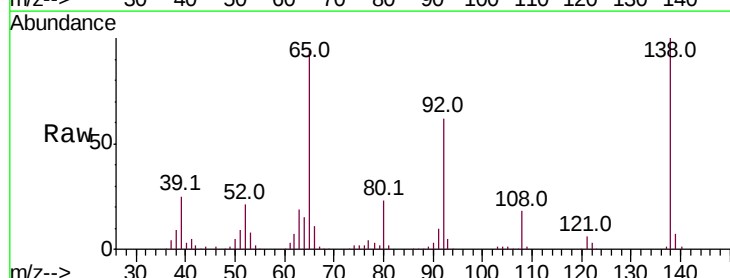
RT: 9.55 min Scan# 1269

Delta R.T. 0.01 min

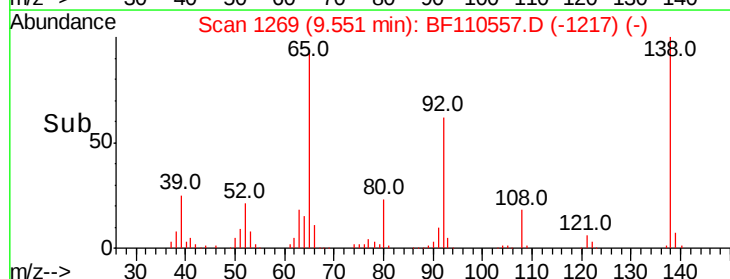
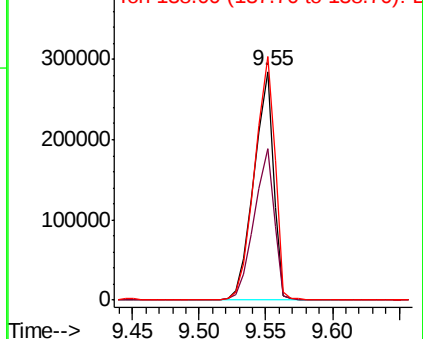
Lab File: BF110557.D

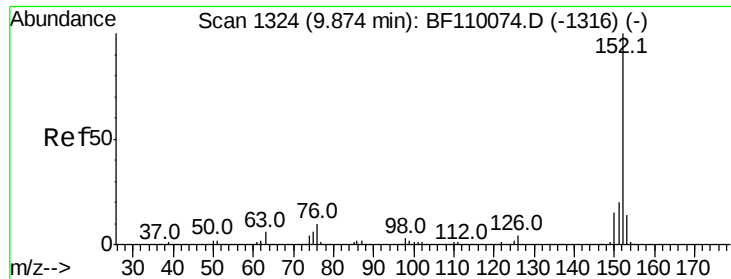
Acq: 7 Nov 2018 16:02

Tgt Ion:	65	Resp:	286772
Ion Ratio	Lower	Upper	
65	100		
92	66.1	54.6	81.8
138	106.5	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.042 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1202340

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

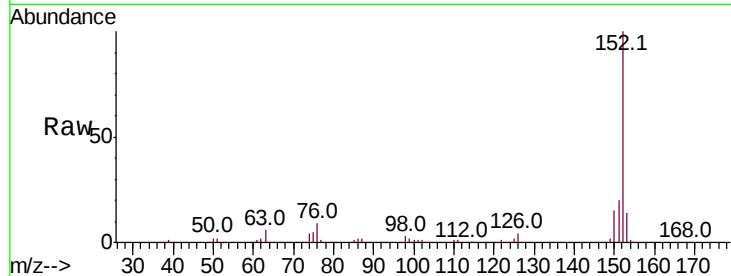
153 13.9 10.4 15.6

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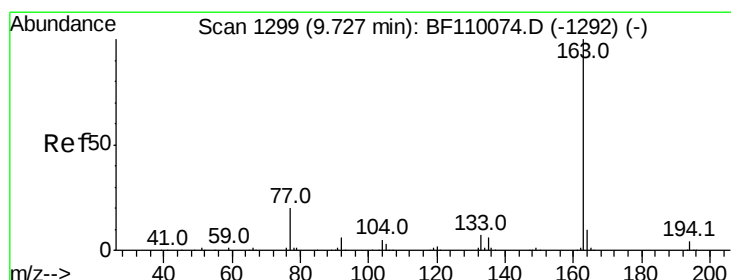
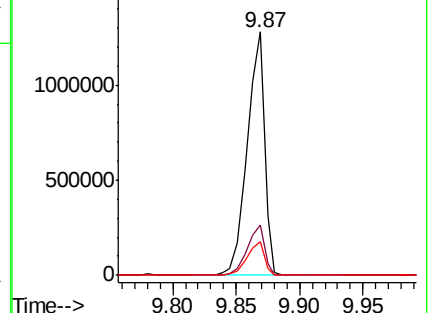
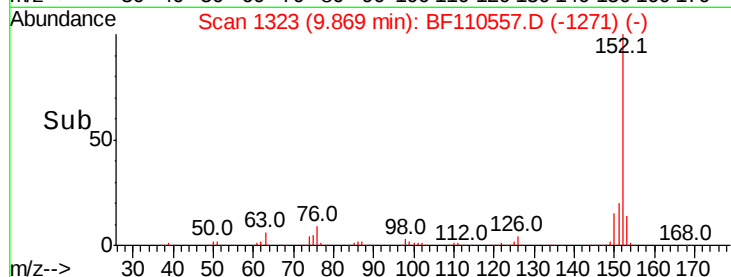
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.532 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

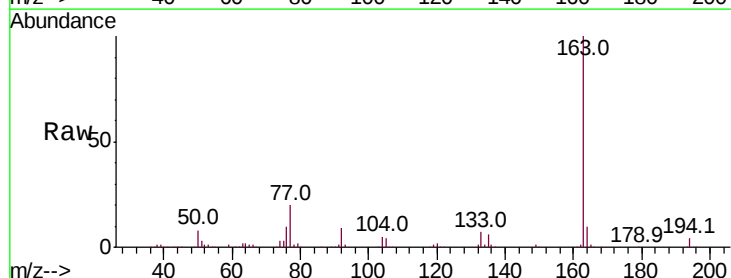
Tgt Ion:163 Resp: 1038685

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

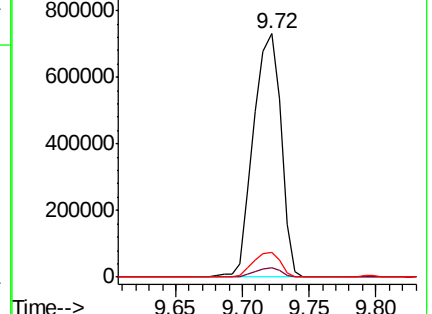
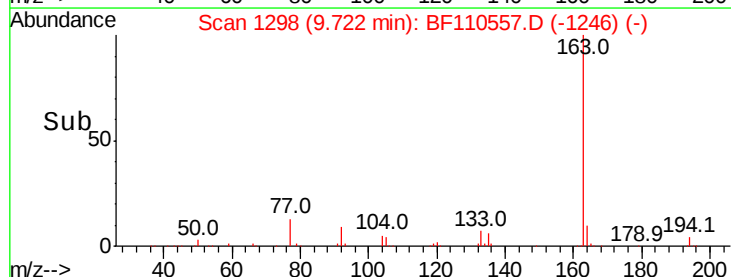
164 10.1 8.1 12.1

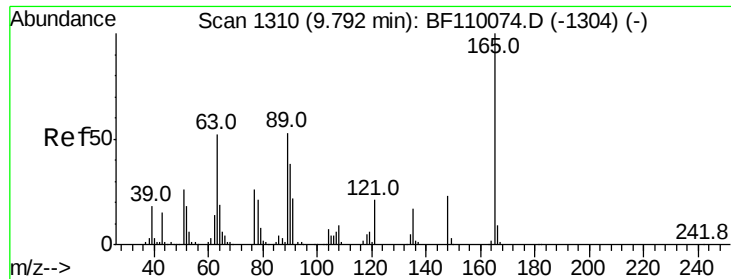


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





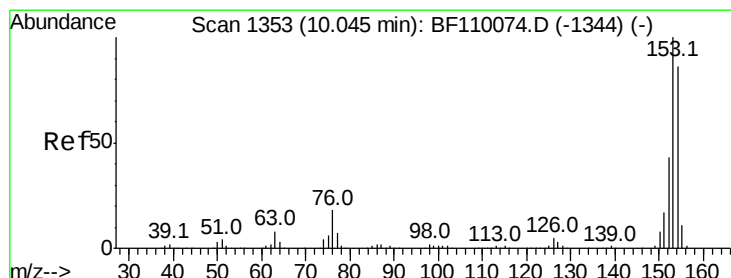
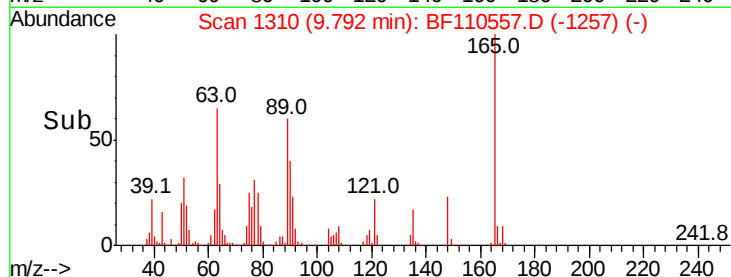
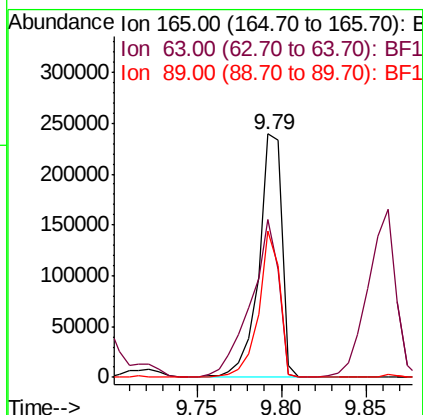
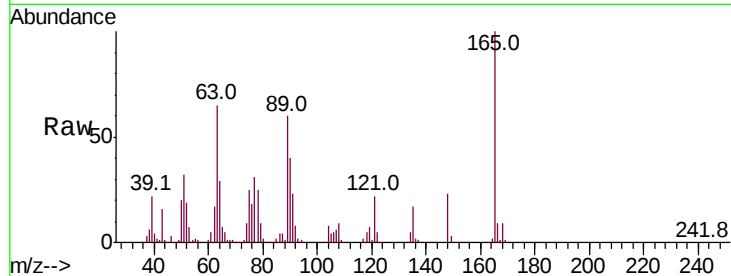
#51
2,6-Dinitrotoluene
Concen: 42.260 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	227654		
63	64.9	48.9	73.3	
89	60.0	46.6	69.8	

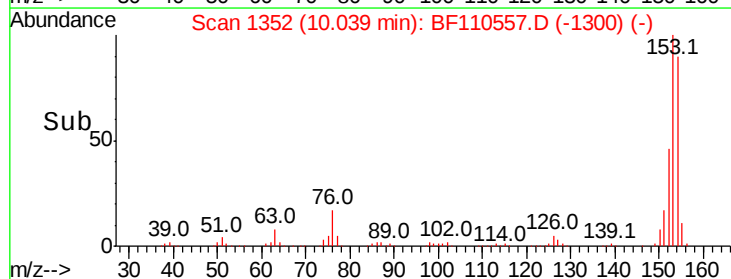
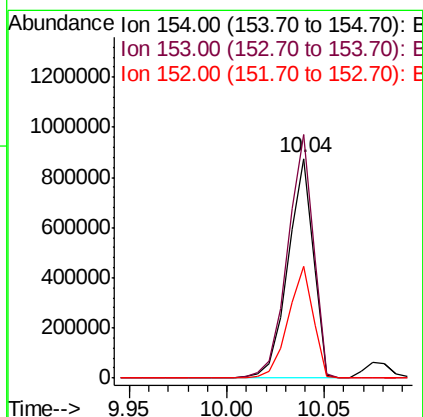
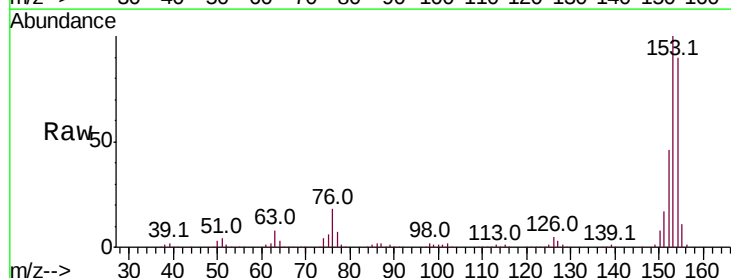
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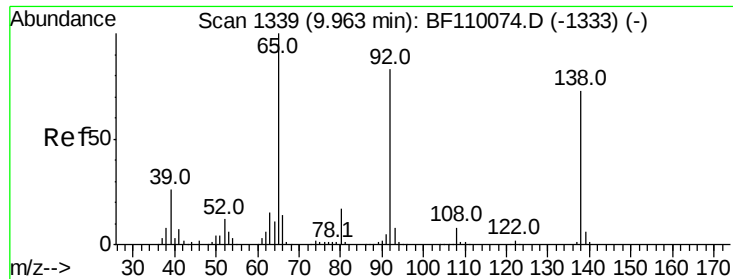
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#52
Acenaphthene
Concen: 36.951 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	793458		
153	110.8	90.1	135.1	
152	51.1	43.4	65.2	





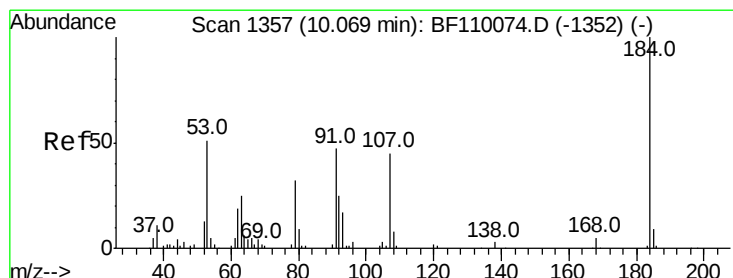
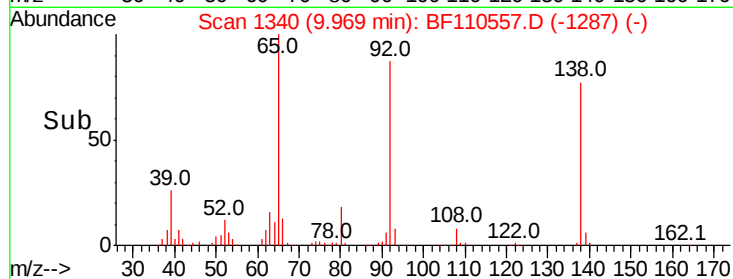
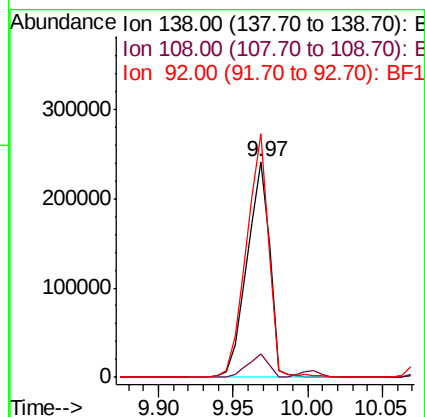
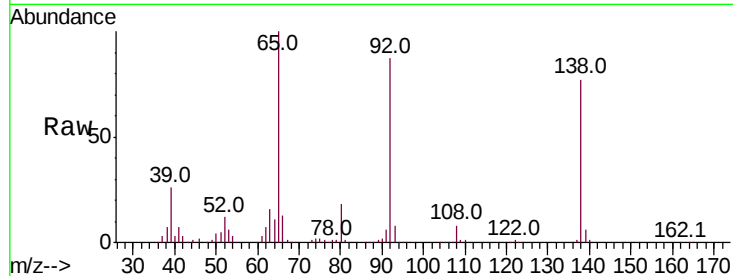
#53
3-Nitroaniline
Concen: 39.705 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	112.7	97.0	145.4

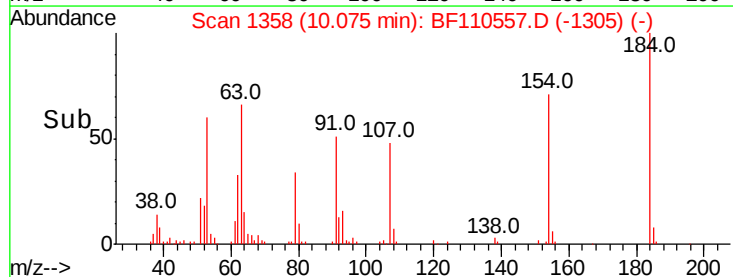
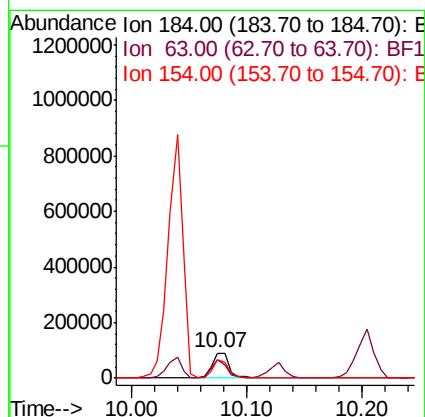
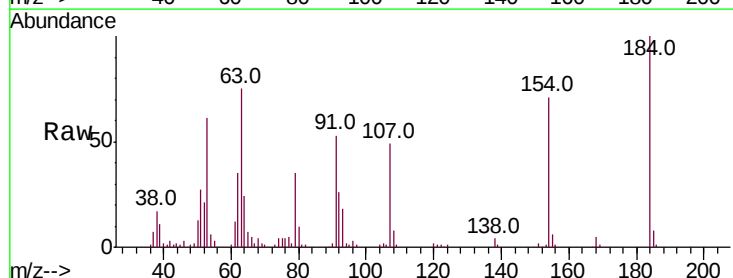
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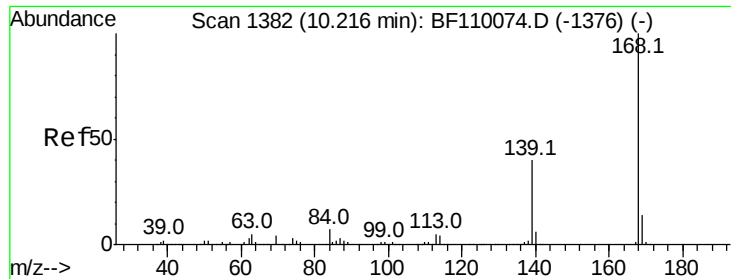
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#54
2,4-Dinitrophenol
Concen: 47.488 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.3	55.8	83.6
154	71.4	63.2	94.8





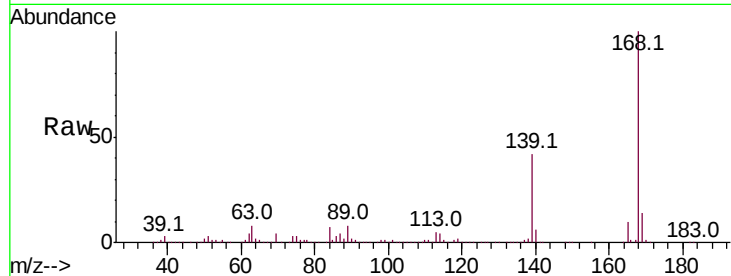
#55
Dibenzofuran
Concen: 37.431 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	33.0	49.6
169	13.6	11.3	16.9

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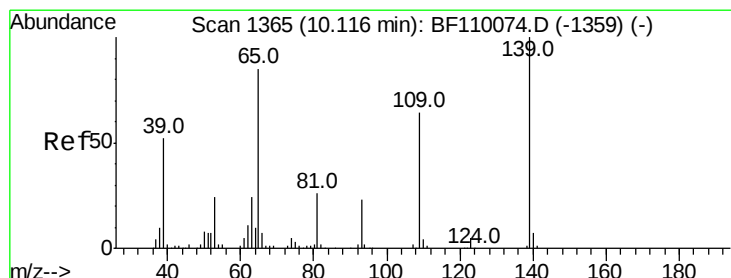
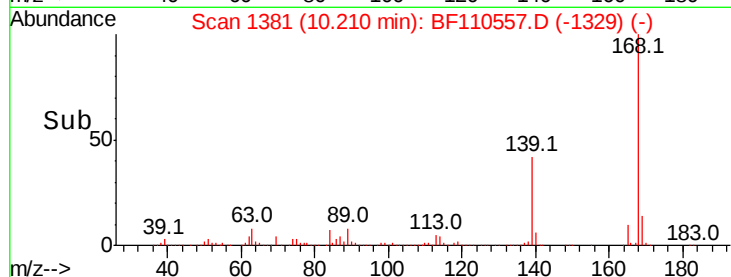
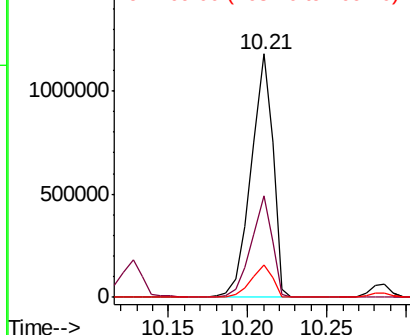


Abundance

Ion 168.00 (167.70 to 168.70): E

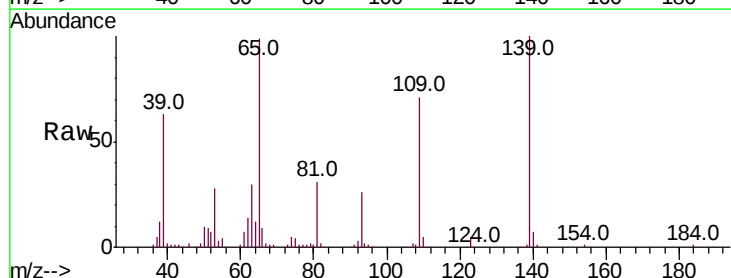
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 38.003 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.8	55.8	95.8
65	99.2	77.9	117.9

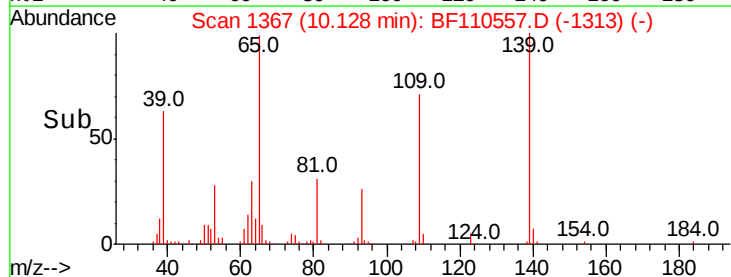
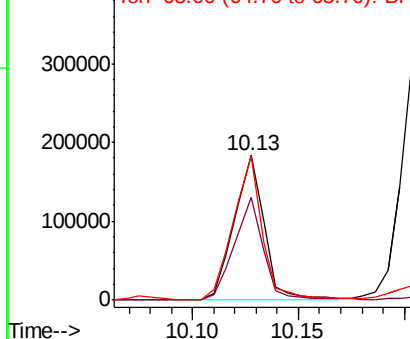


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





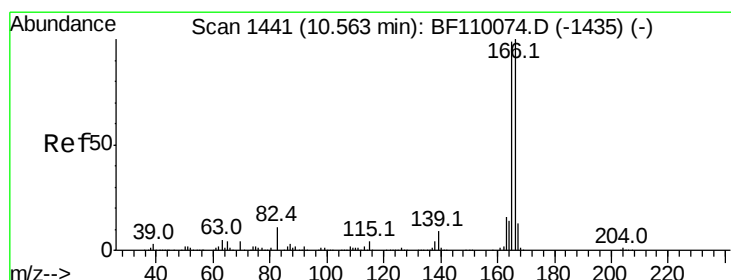
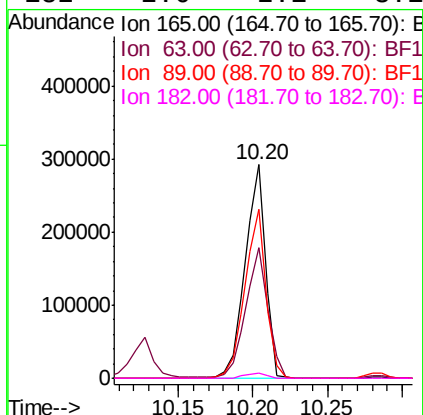
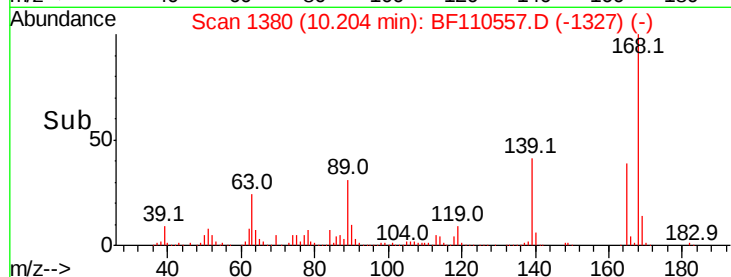
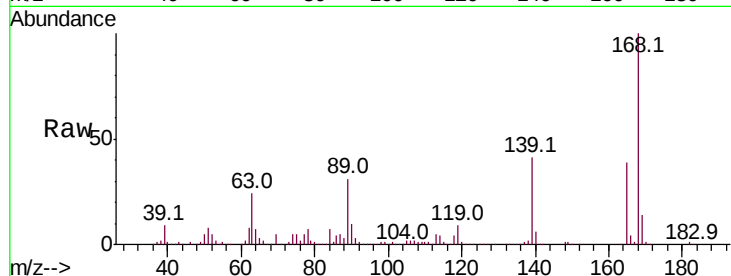
#57
2,4-Dinitrotoluene
Concen: 40.256 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.0	44.8	67.2
89	79.3	62.2	93.4
182	2.6	2.1	3.1

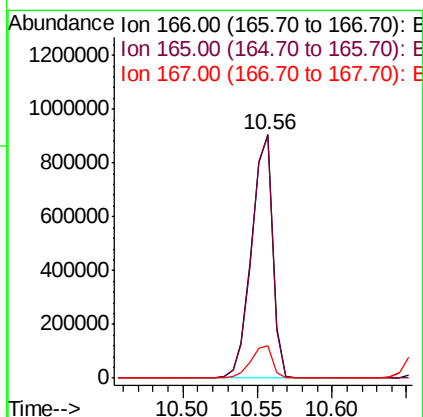
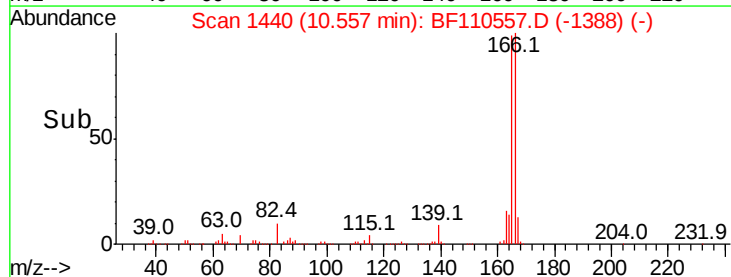
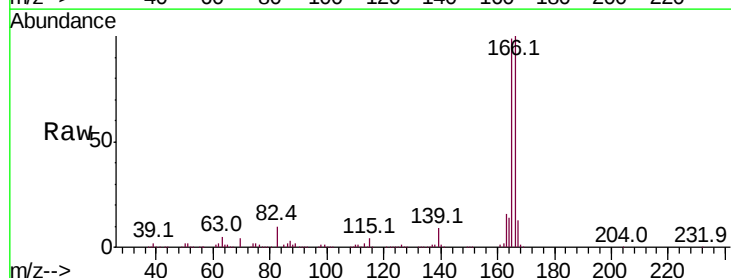
Manual Integrations
APPROVED

Sohil
11/9/2018 1:35:13 PM



#58
Fluorene
Concen: 39.469 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.6	117.8
167	13.3	10.8	16.2





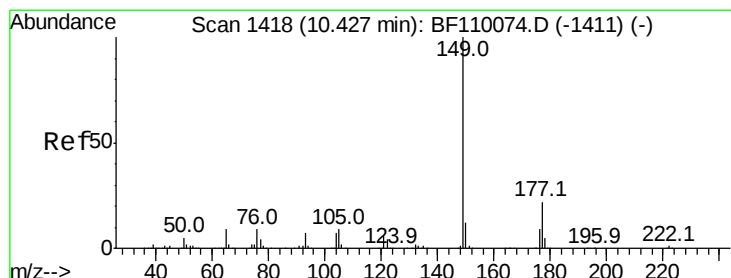
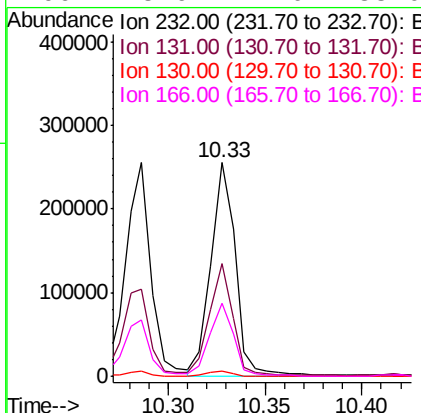
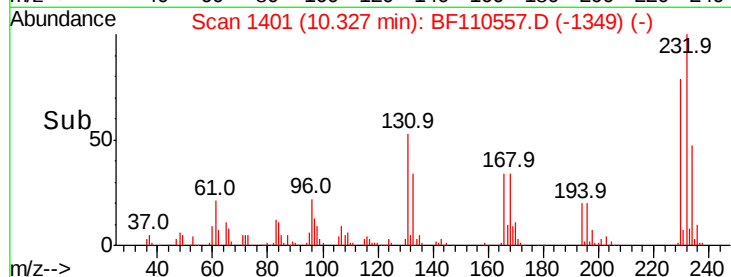
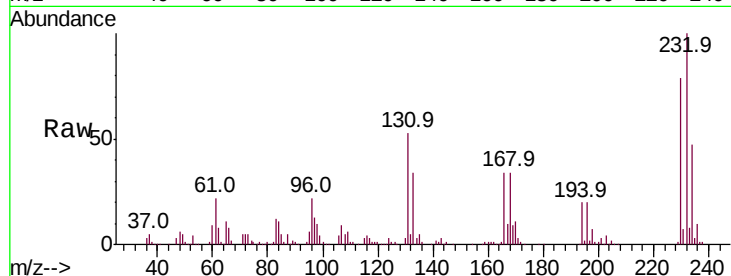
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.182 ng m
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.0	55.4
130	2.4	1.8	2.6
166	28.6	22.0	33.0

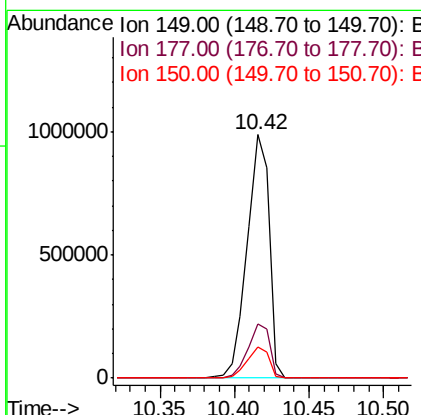
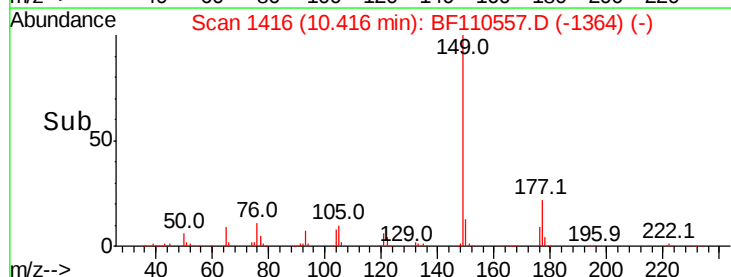
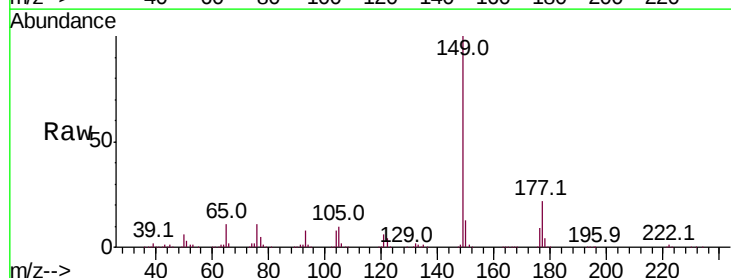
Manual Integrations
 APPROVED

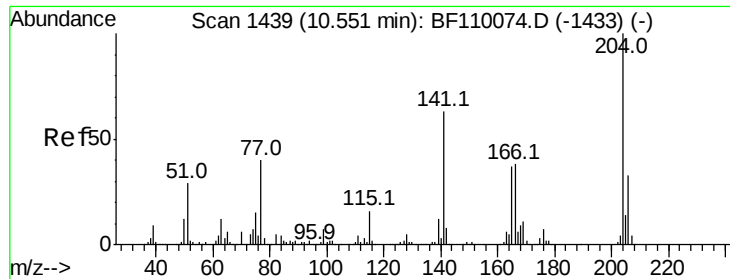
Sohil
 11/9/2018 1:35:13 PM



#60
 Diethylphthalate
 Concen: 41.294 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.8	9.8	14.8





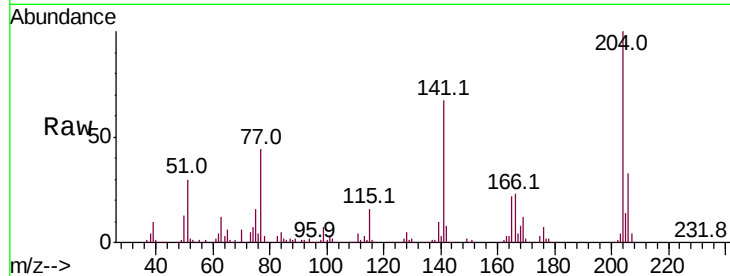
#61
4-Chlorophenyl-phenylether
Concen: 39.026 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	67.1	51.8	77.8

Manual Integrations
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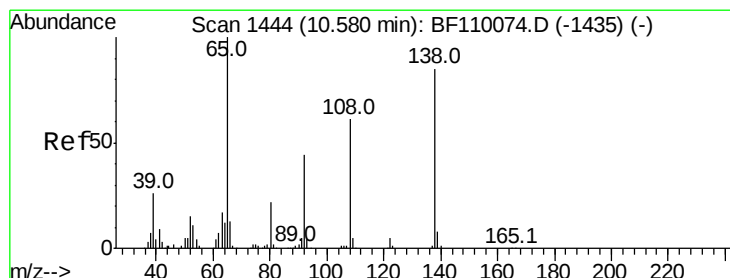
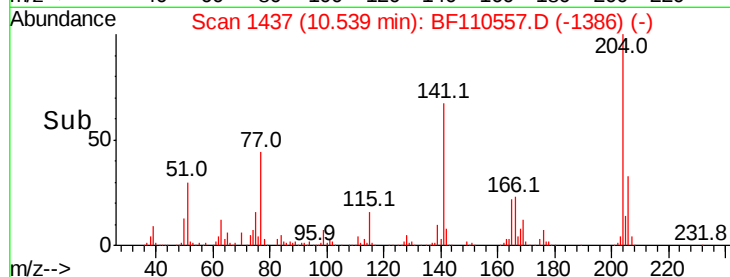
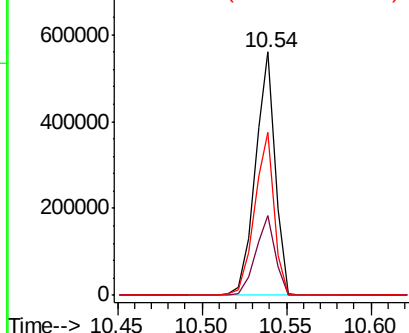


Abundance

Ion 204.00 (203.70 to 204.70): E

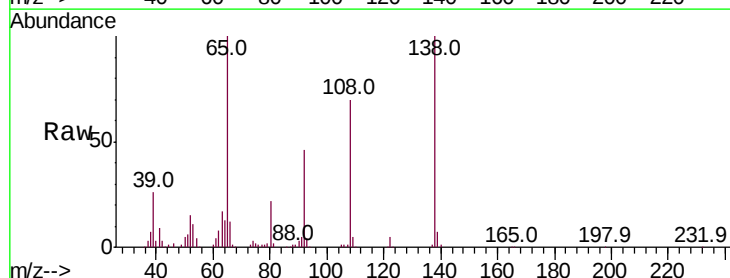
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.356 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.02 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	31.7	71.7
108	69.9	59.3	99.3

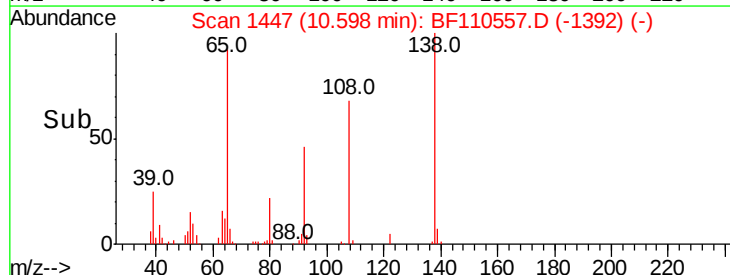
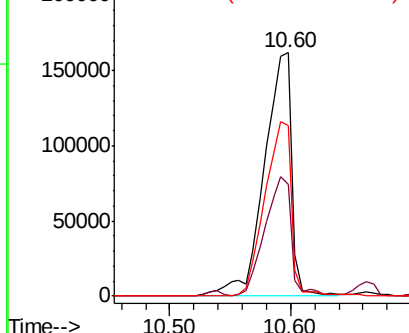


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





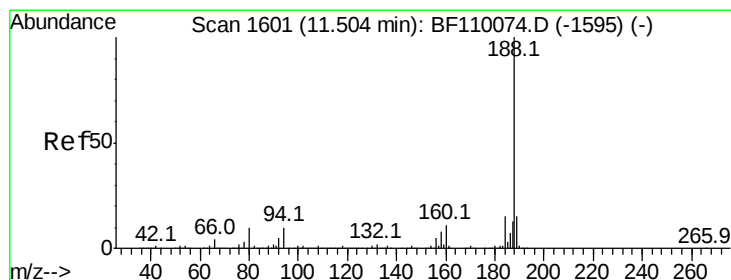
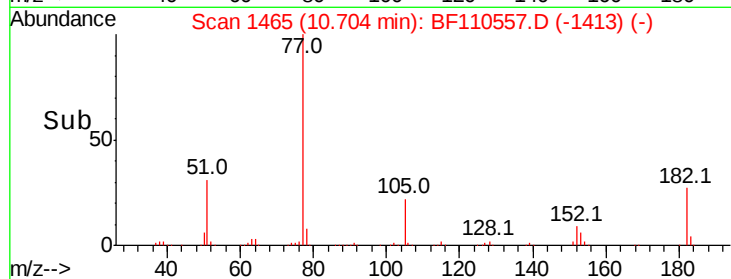
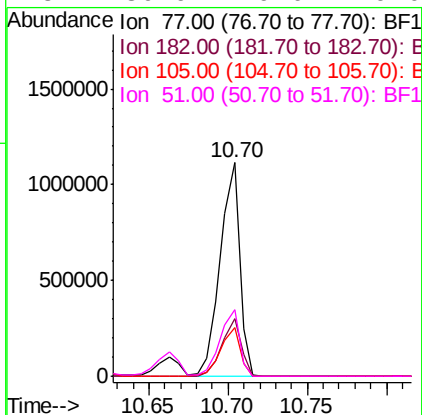
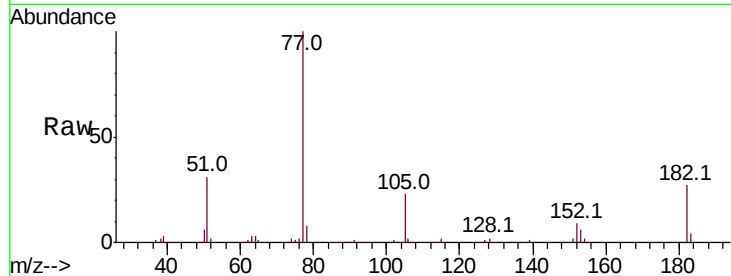
#63
Azobenzene
Concen: 39.532 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.0	4.3	44.3	
105	22.9	1.3	41.3	
51	30.9	9.0	49.0	

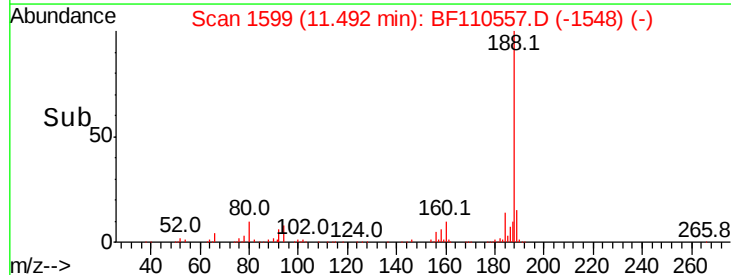
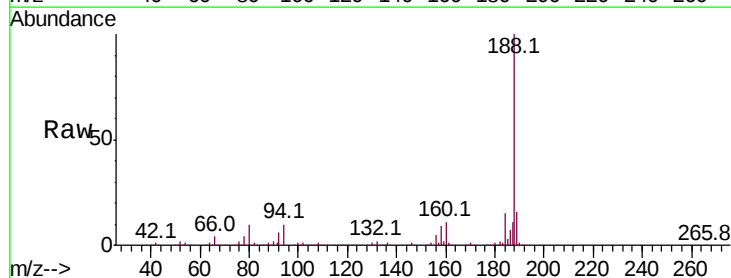
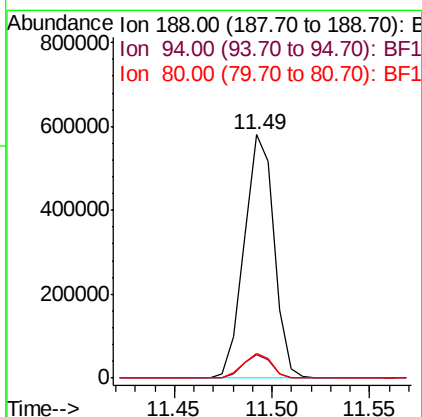
Manual Integrations
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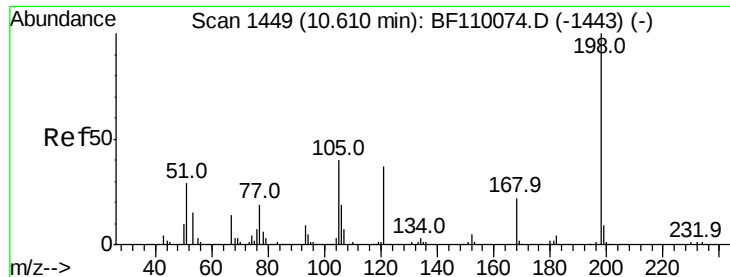
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	7.2	10.8	
80	10.4	7.9	11.9	





#65

4,6-Dinitro-2-methylphenol

Concen: 50.658 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.02 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

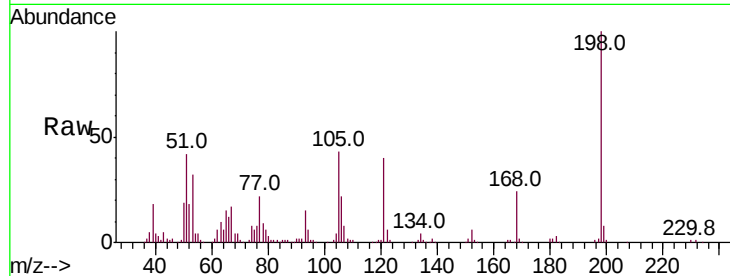
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	142100
Ion Ratio	Lower	Upper	
198	100		
51	41.6	22.8	62.8
105	42.5	23.6	63.6

Manual Integrations
APPROVED

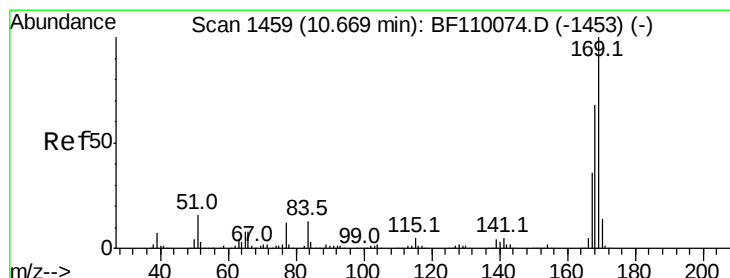
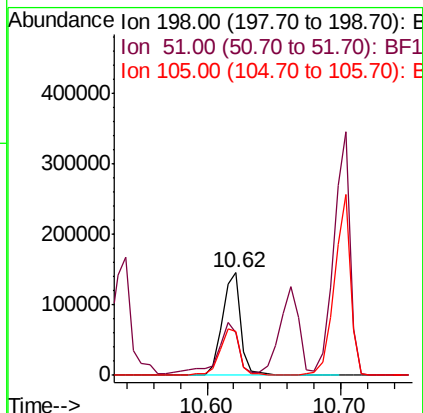
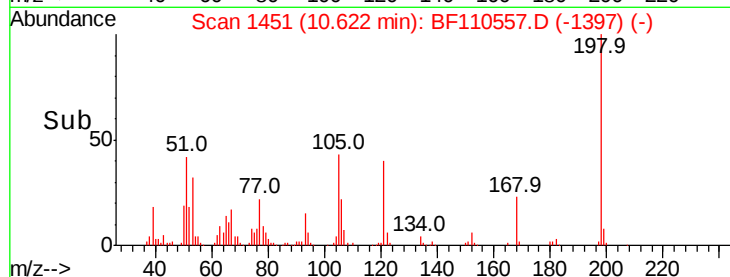
Sohil
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.220 ng

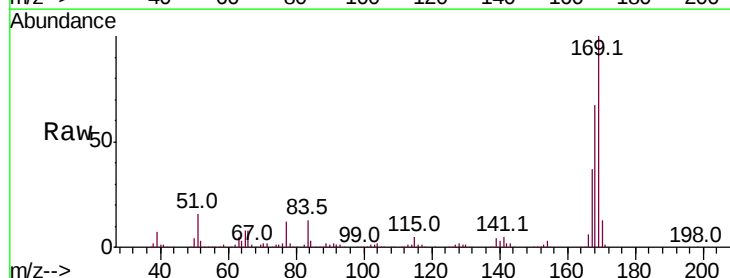
RT: 10.66 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

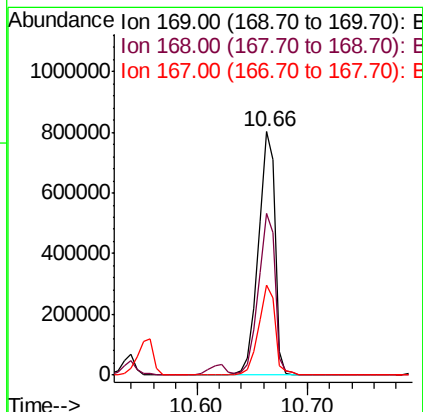
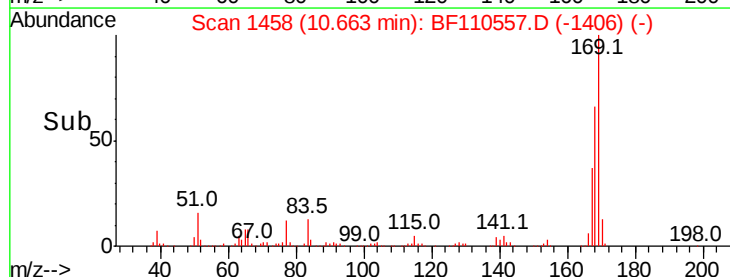
Tgt Ion:	169	Resp:	850243
Ion Ratio	Lower	Upper	
169	100		
168	66.5	51.2	76.8
167	37.0	27.8	41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





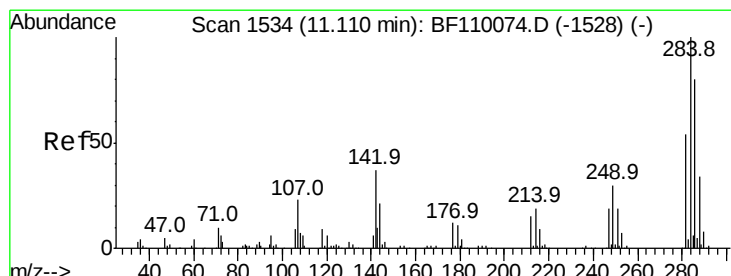
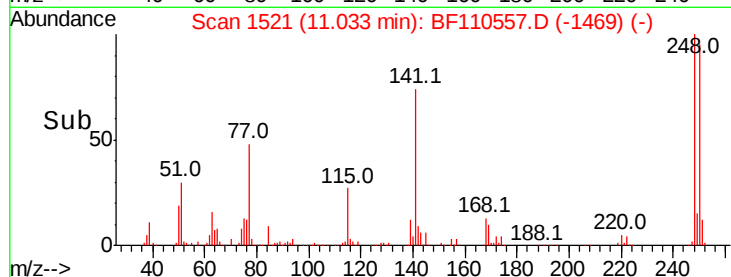
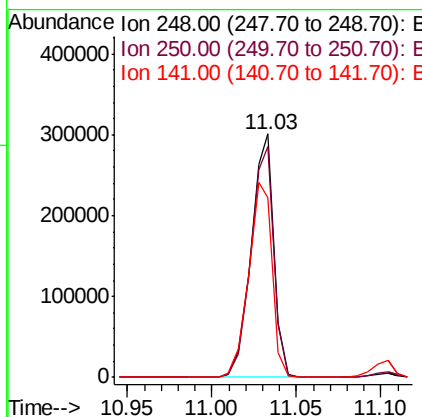
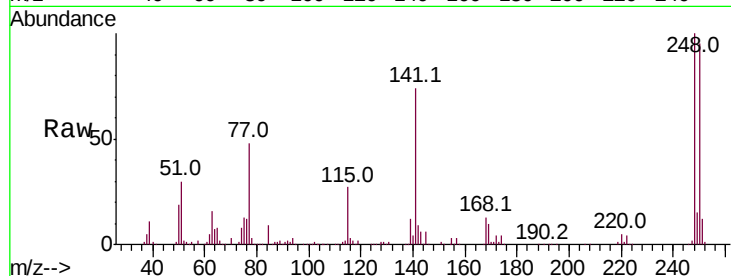
#67
4-Bromophenyl-phenylether
Concen: 42.348 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	79.4	119.2
141	73.5	55.9	83.9

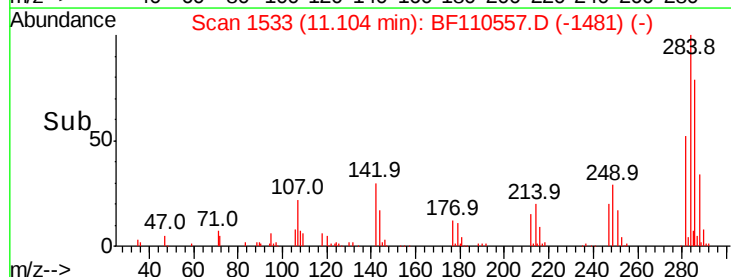
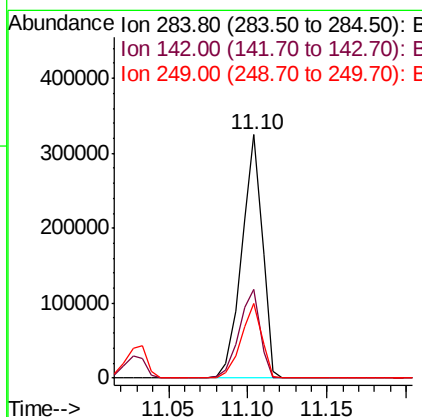
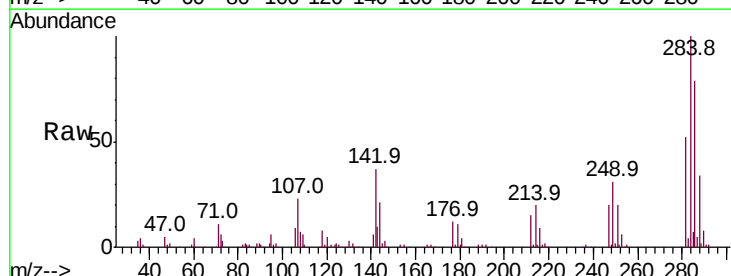
Manual Integrations
APPROVED

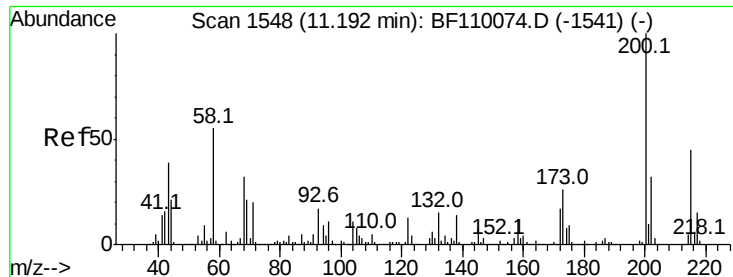
Sohil
11/9/2018 1:35:13 PM



#68
Hexachlorobenzene
Concen: 41.399 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.7	23.9	35.9#
249	30.7	24.2	36.2





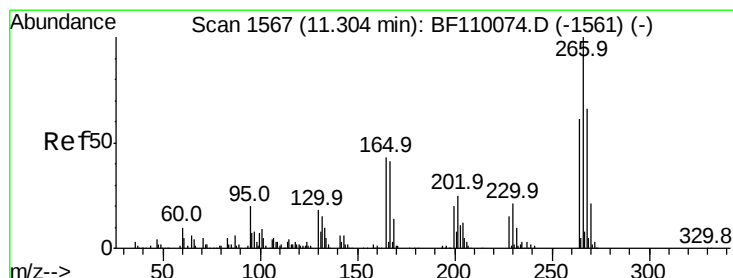
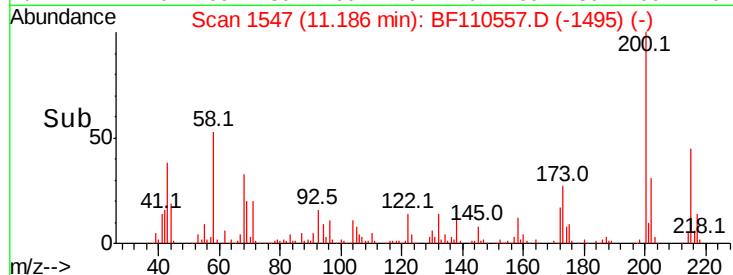
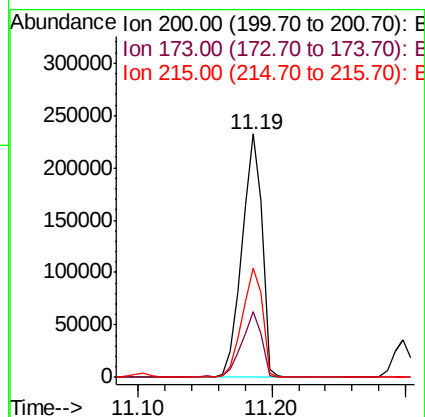
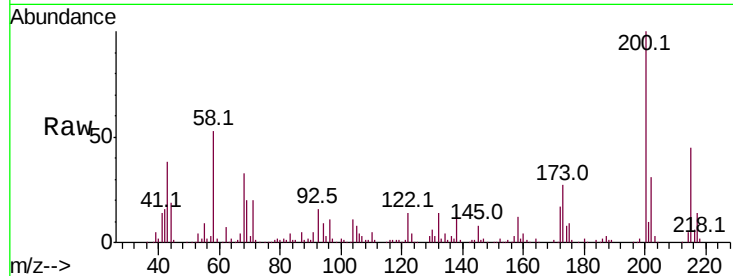
#69
Atrazine
Concen: 38.078 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.6	46.6
215	45.0	26.3	66.3

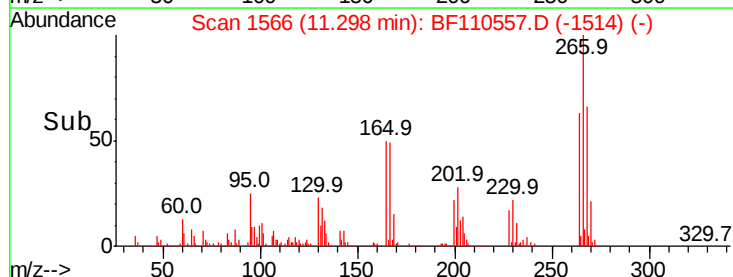
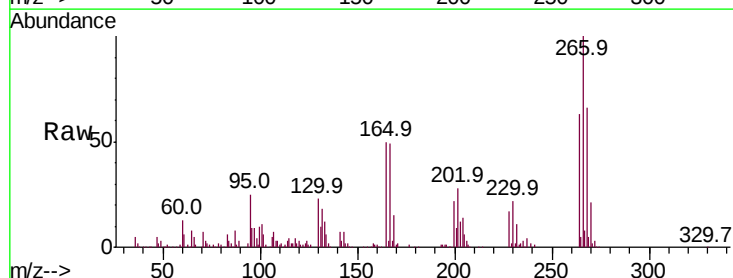
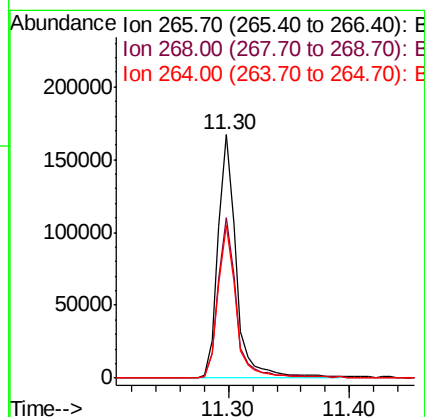
Manual Integrations
APPROVED

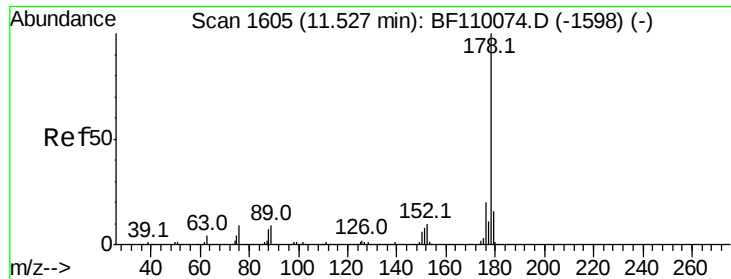
Sohil
11/9/2018 1:35:13 PM



#70
Pentachlorophenol
Concen: 42.067 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	50.6	75.8
264	62.7	50.6	75.8





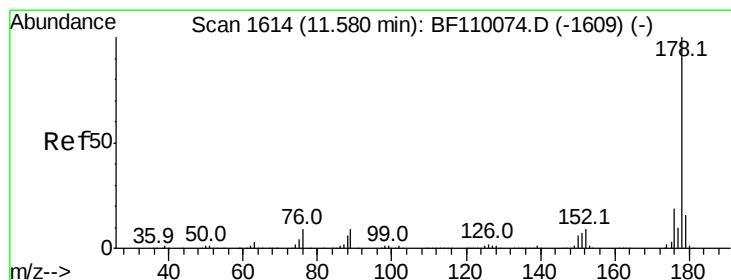
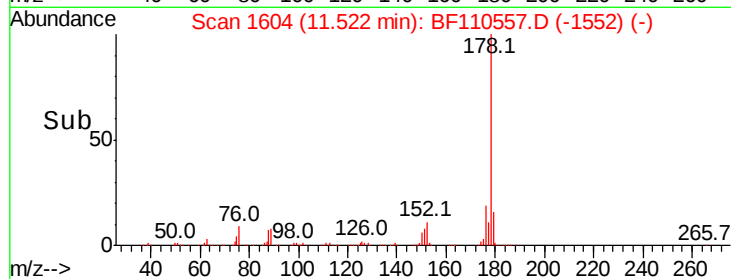
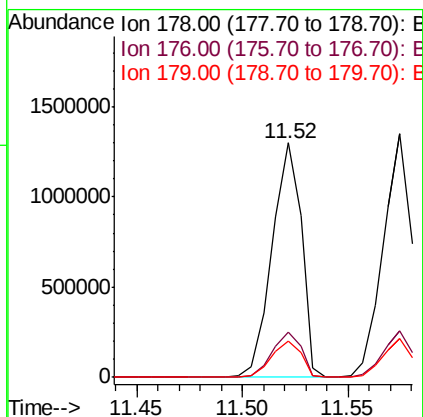
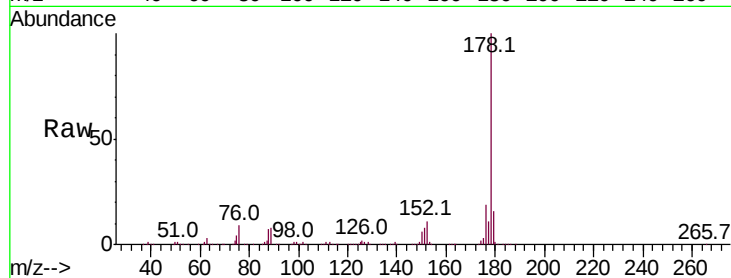
#71
Phenanthrene
Concen: 39.261 ng
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.5	18.7

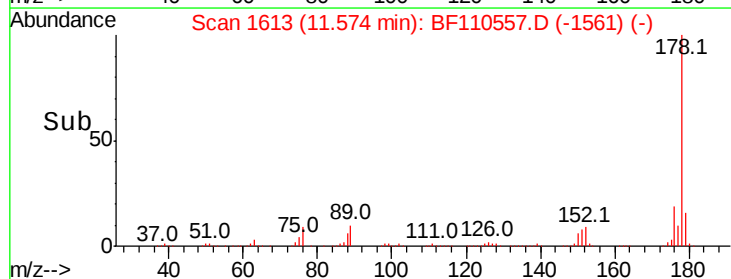
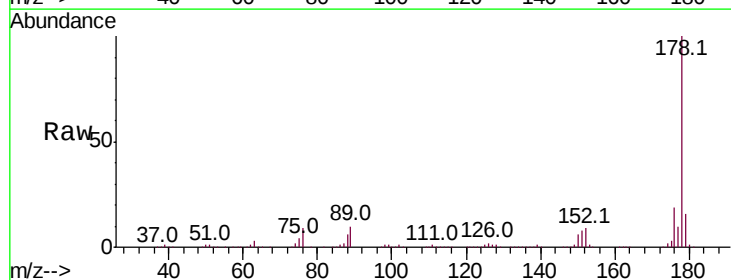
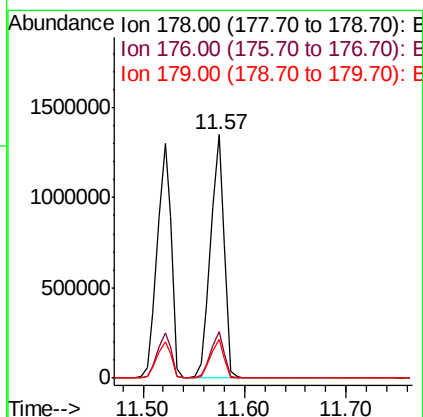
Manual Integrations
APPROVED

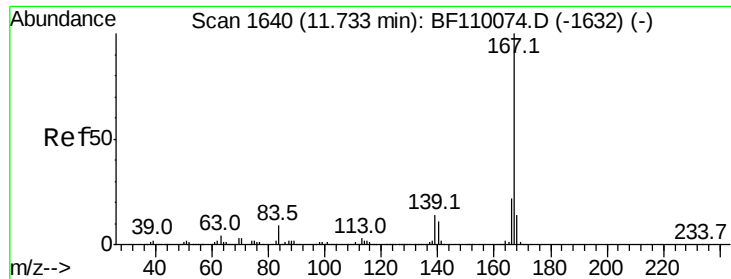
Sohil
11/9/2018 1:35:13 PM



#72
Anthracene
Concen: 39.345 ng
RT: 11.57 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.0	12.6	18.8





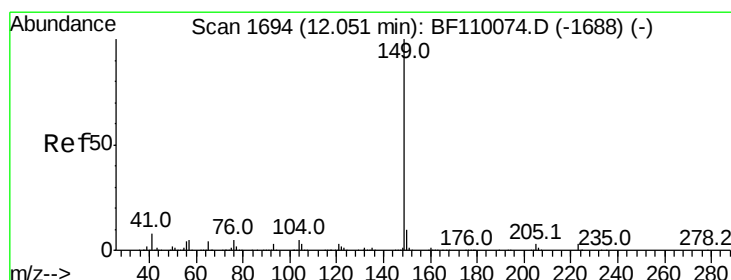
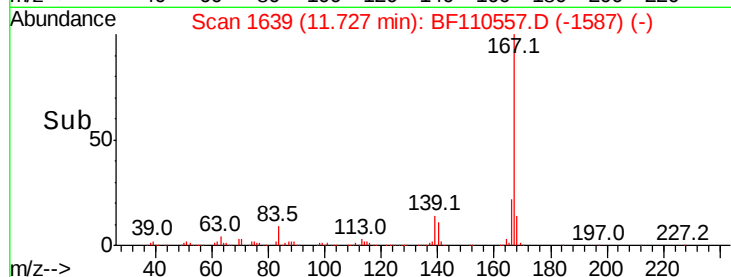
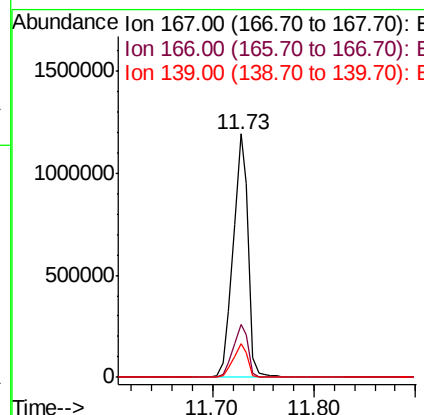
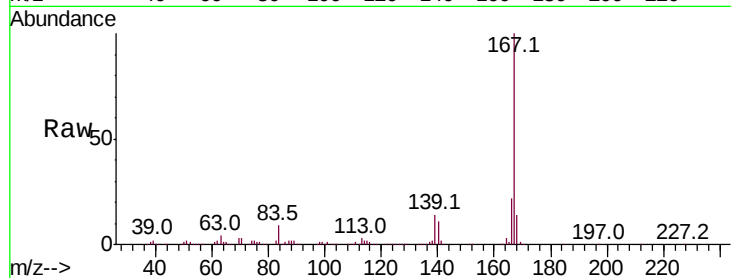
#73
 Carbazole
 Concen: 38.774 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. 0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1219101
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.8 10.9 16.3

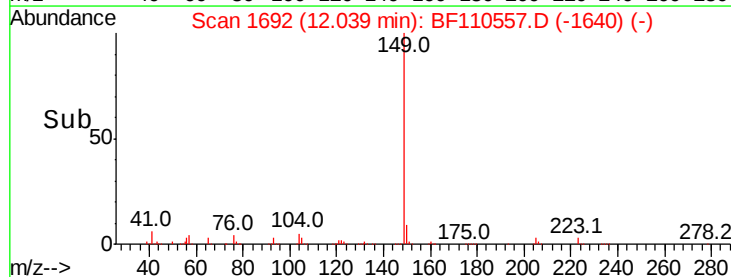
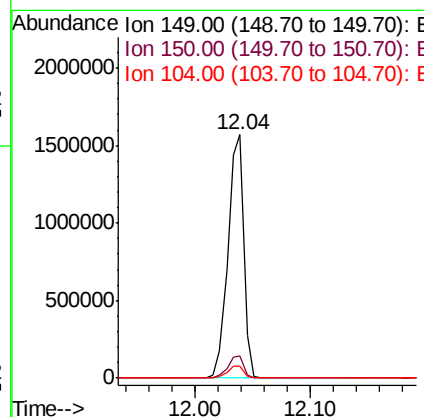
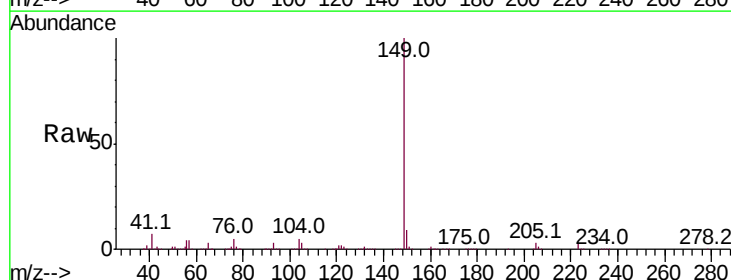
Manual Integrations
 APPROVED

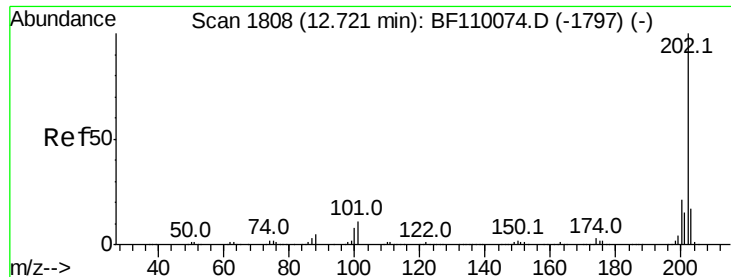
Sohil
 11/9/2018 1:35:13 PM



#74
 Di-n-butylphthalate
 Concen: 41.792 ng
 RT: 12.04 min Scan# 1692
 Delta R.T. 0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Tgt Ion:149 Resp: 1484022
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.9 4.2 6.4





#75

Fluoranthene

Concen: 37.200 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1212877

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.4

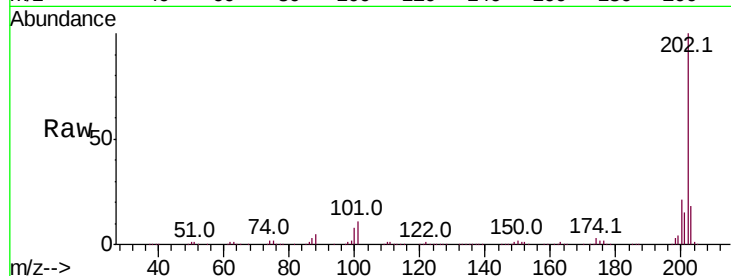
203 17.8 0.0 37.7

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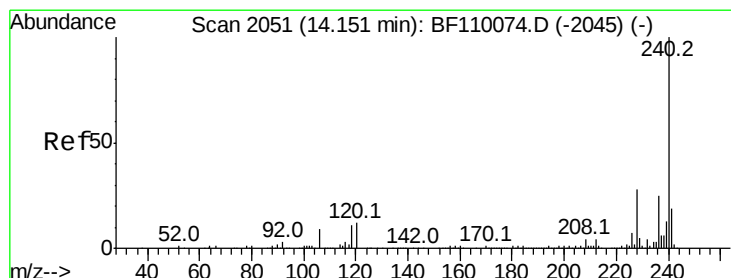
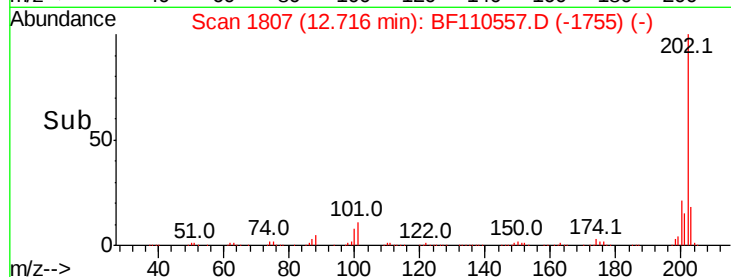
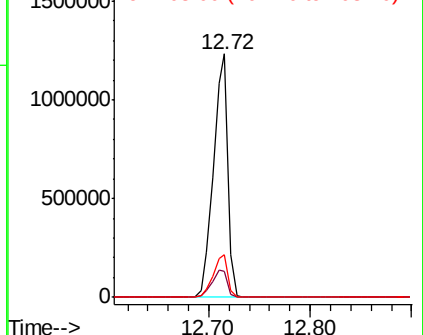
11/9/2018 1:35:13 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Tgt Ion:240 Resp: 373737

Ion Ratio Lower Upper

240 100

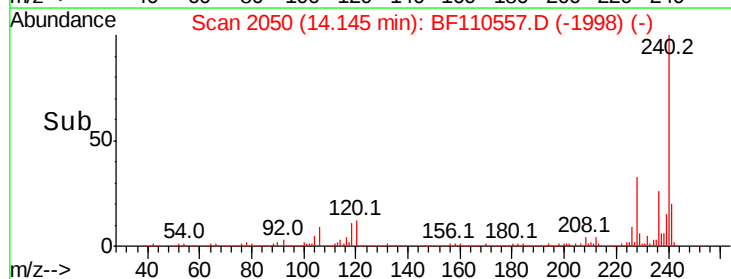
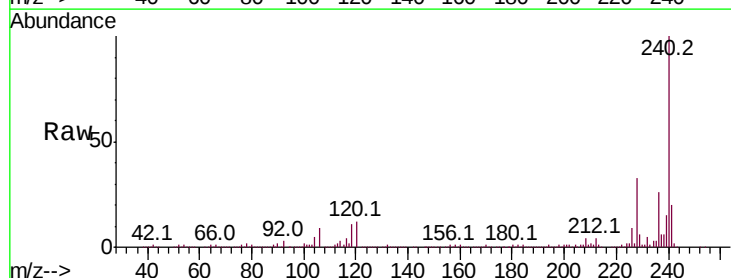
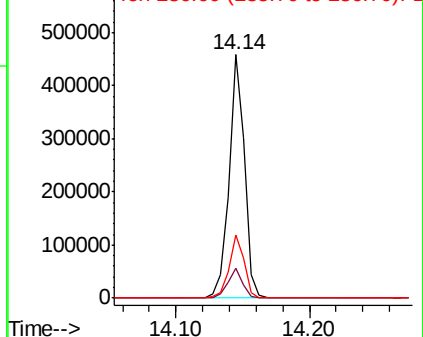
120 12.3 8.3 12.5

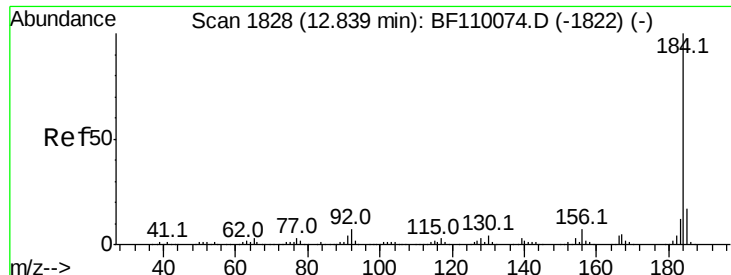
236 26.2 21.2 31.8

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





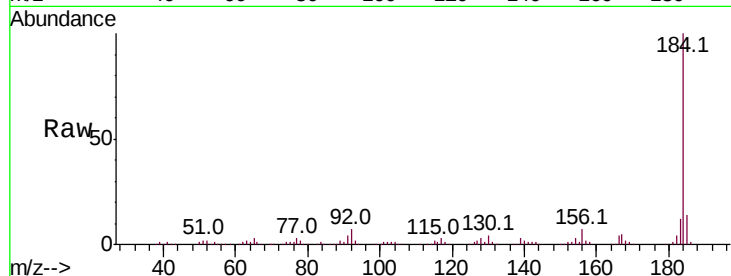
#77
Benzidine
Concen: 18.444 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

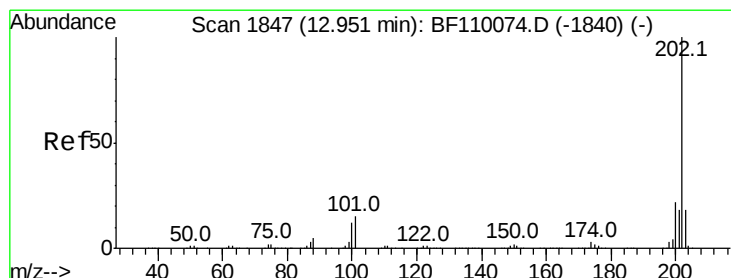
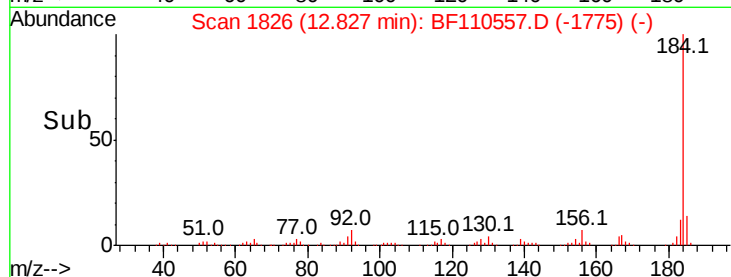
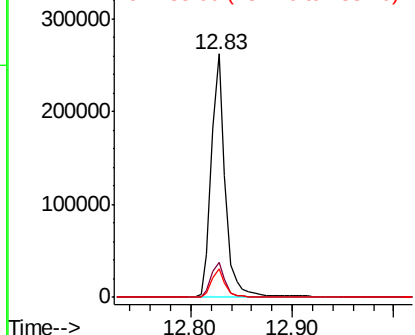
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.2
183	11.7	9.4	14.2

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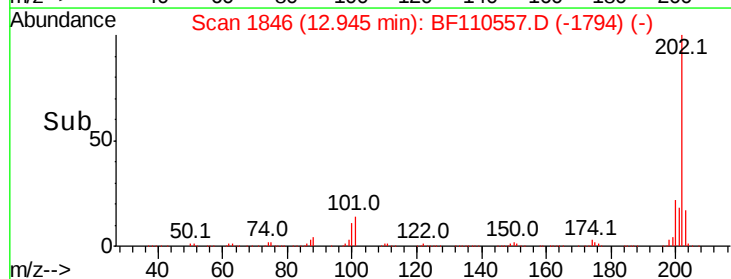
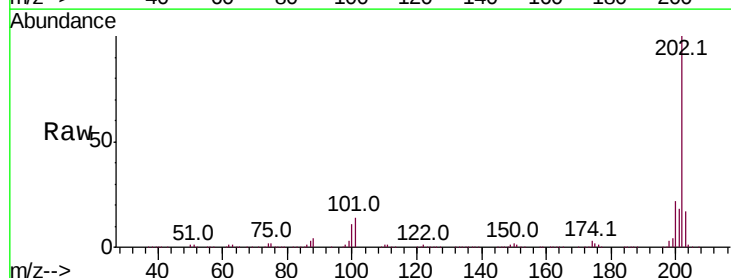
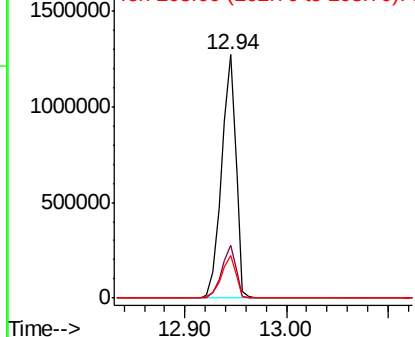
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

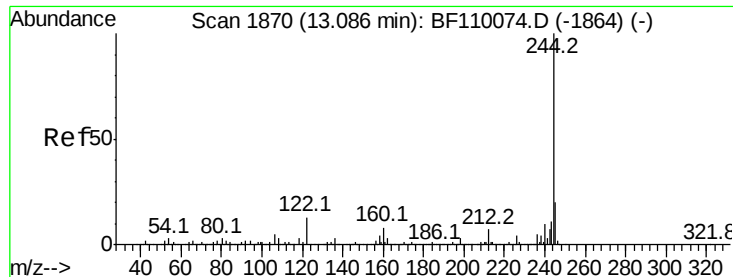


#78
Pyrene
Concen: 46.440 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	17.5	14.2	21.4

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





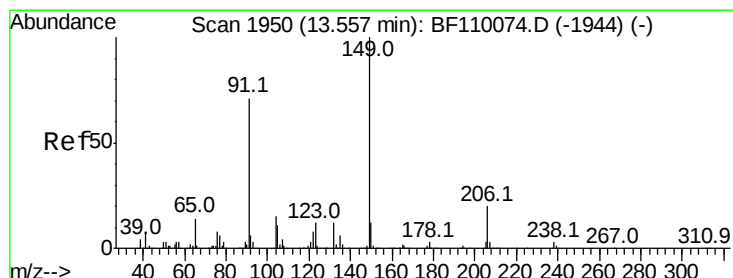
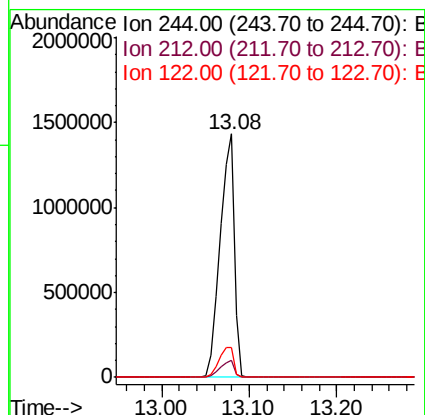
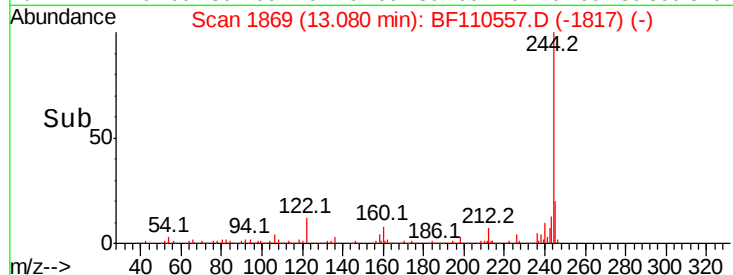
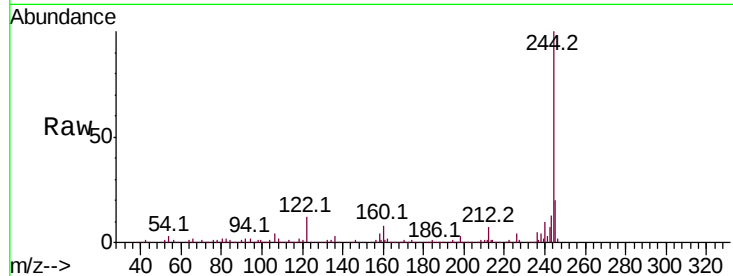
#79
 Terphenyl-d14
 Concen: 90.564 ng
 RT: 13.08 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	244	Resp:	1627499
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.3	8.7	13.1

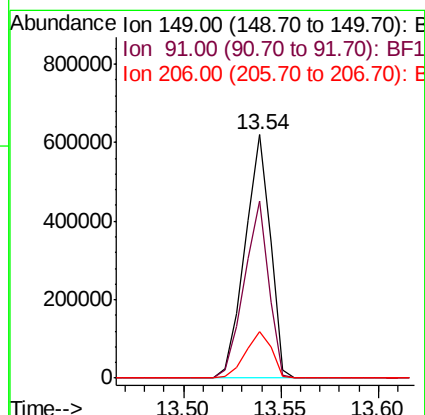
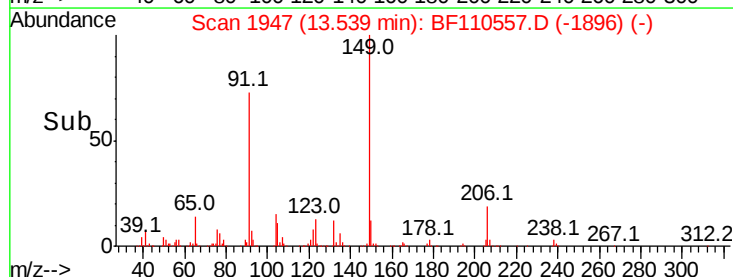
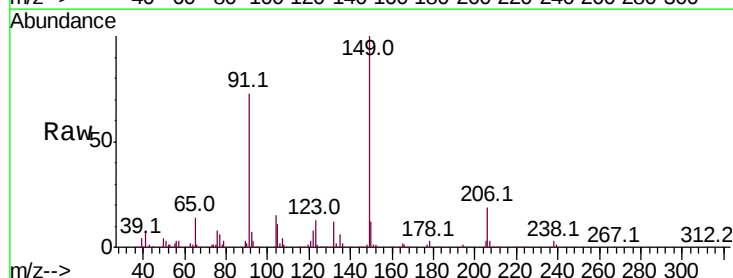
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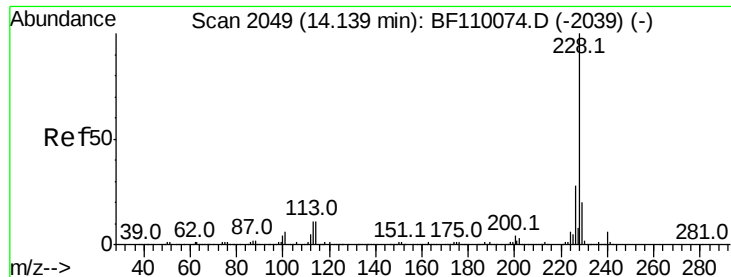
Sohil
 11/9/2018 1:35:13 PM



#80
 Butylbenzylphthalate
 Concen: 48.067 ng
 RT: 13.54 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Tgt Ion:	149	Resp:	559001
Ion	Ratio	Lower	Upper
149	100		
91	72.5	57.2	85.8
206	19.3	15.7	23.5





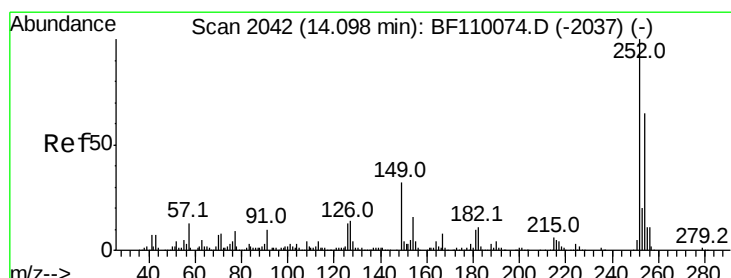
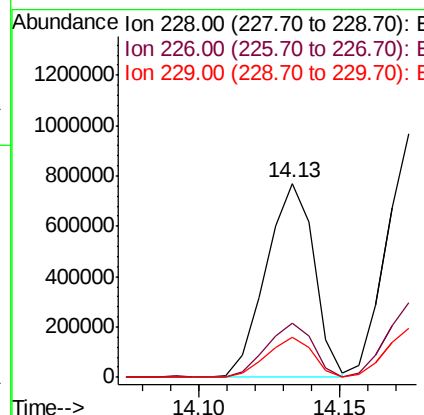
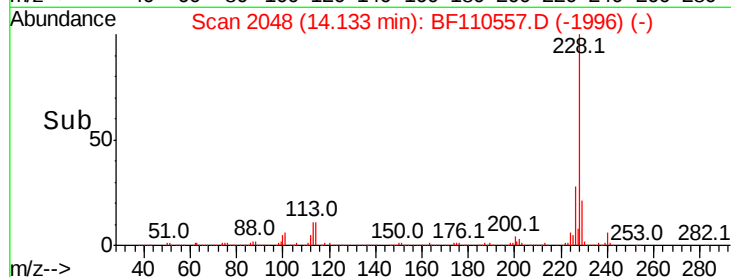
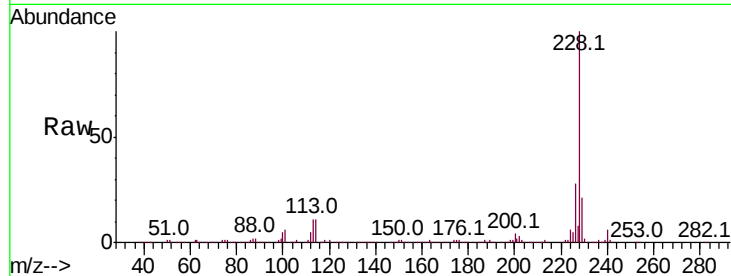
#81
Benzo(a)anthracene
Concen: 40.850 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.5	15.6	23.4

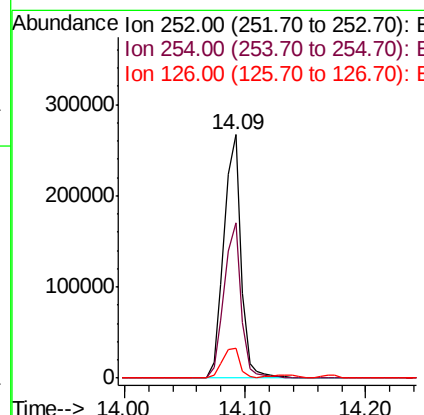
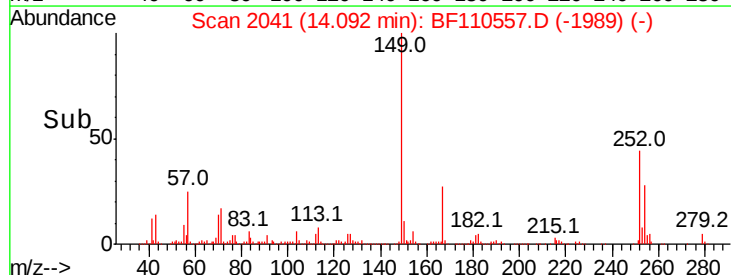
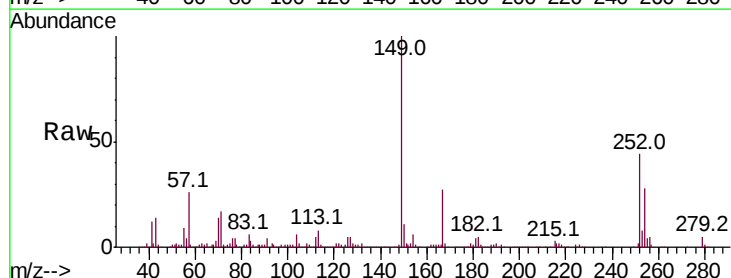
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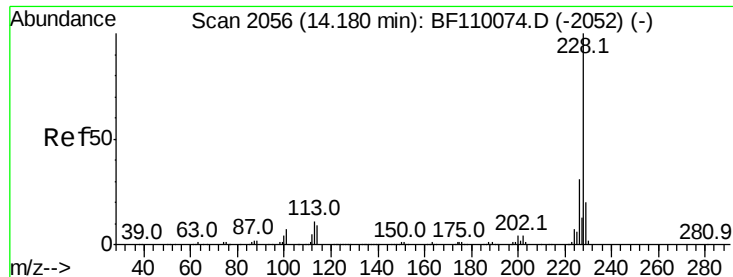
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 33.978 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.3	76.9
126	12.1	9.4	14.2





#83

Chrysene

Concen: 40.400 ng

RT: 14.17 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

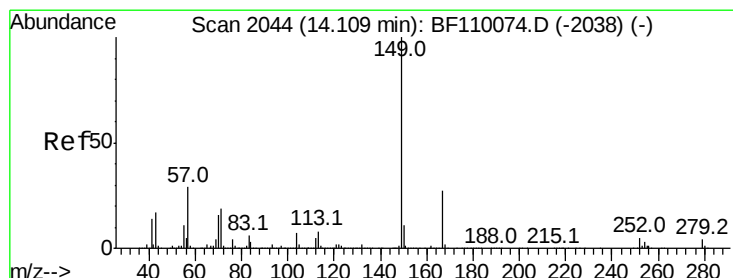
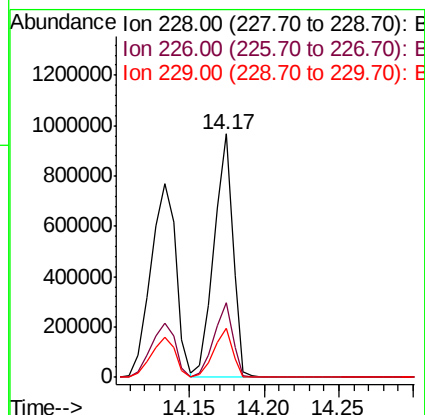
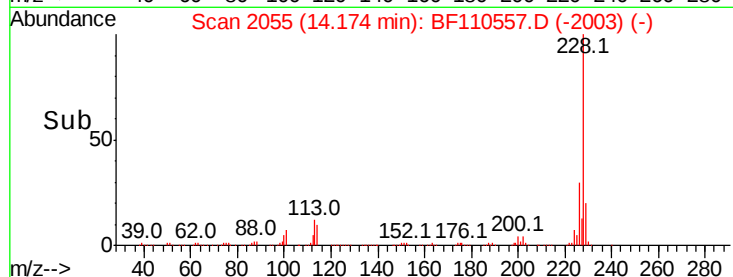
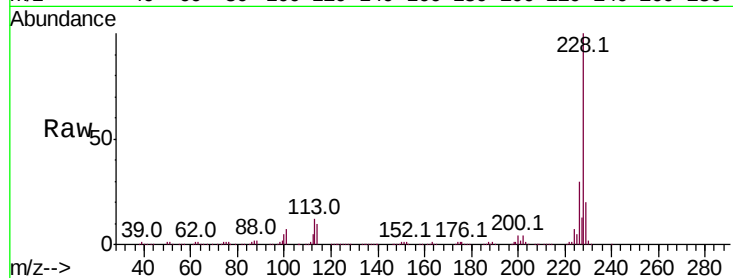
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	850448
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.7	37.1
229	20.0	15.9	23.9

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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.742 ng

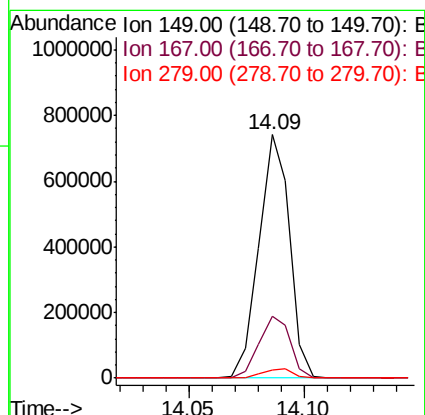
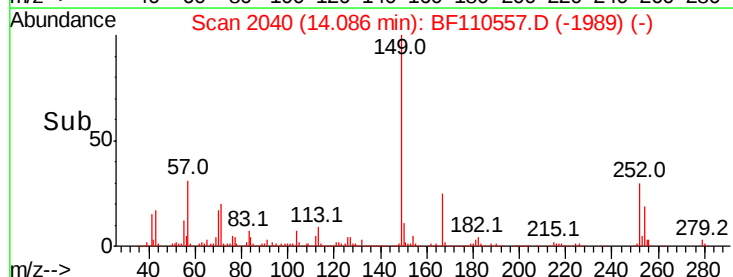
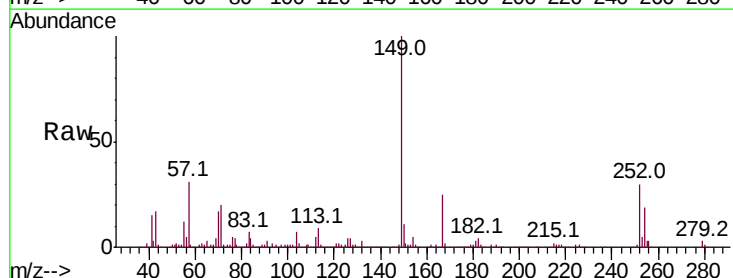
RT: 14.09 min Scan# 2040

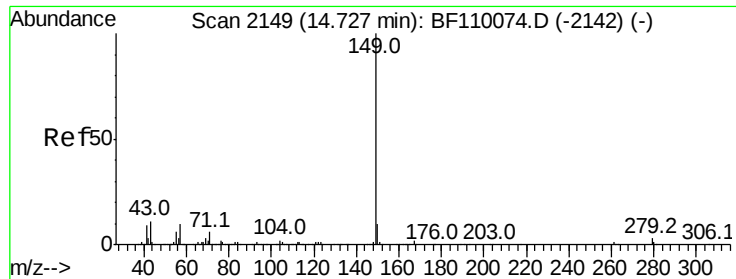
Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Tgt Ion:	149	Resp:	687665
Ion Ratio	Lower	Upper	
149	100		
167	25.4	19.8	29.8
279	3.4	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 41.871 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

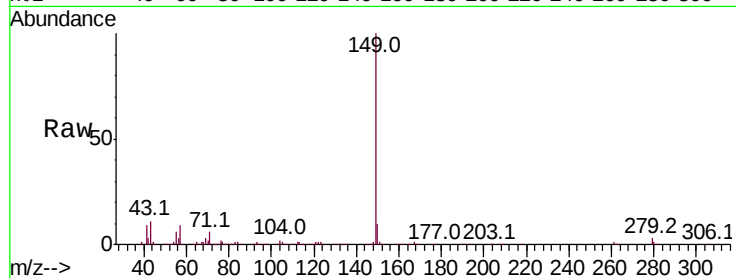
ClientSampleId :

SSTDCCC040

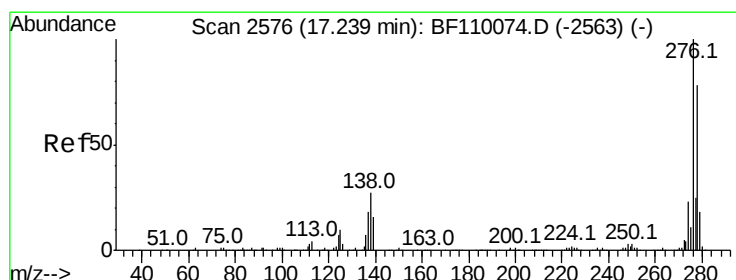
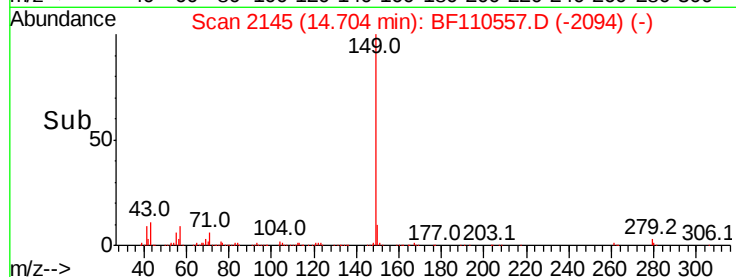
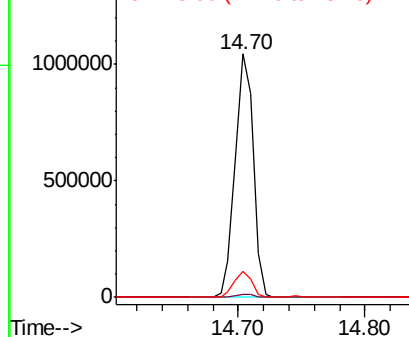
Tot Ion:	149	Resp:	1023537
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.5	7.8	11.8

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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



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.987 ng

RT: 17.26 min Scan# 2579

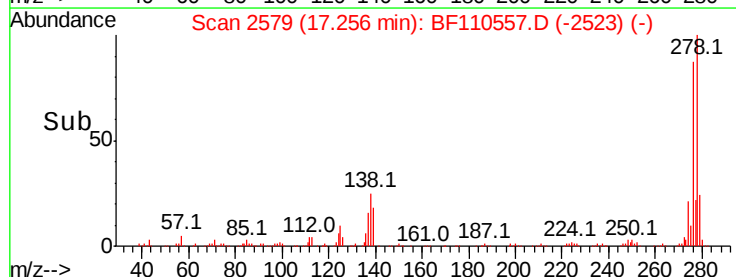
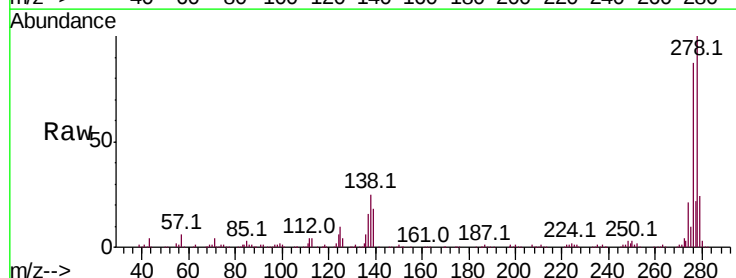
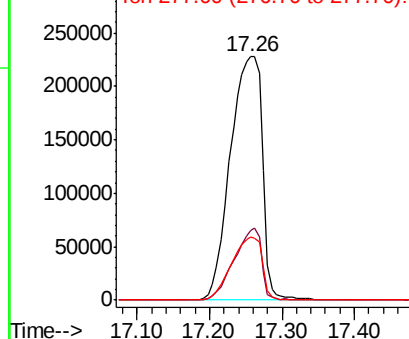
Delta R.T. 0.03 min

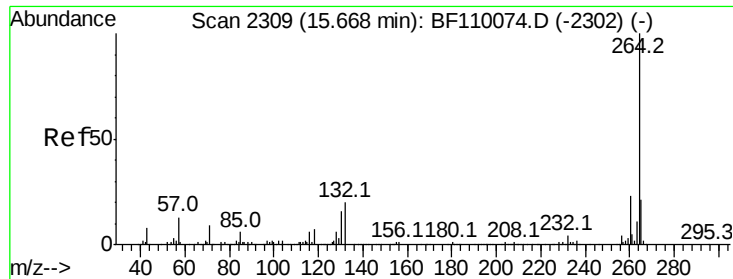
Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Tgt Ion:	276	Resp:	698322
Ion	Ratio	Lower	Upper
276	100		
138	25.4	18.5	27.7
277	24.7	20.0	30.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





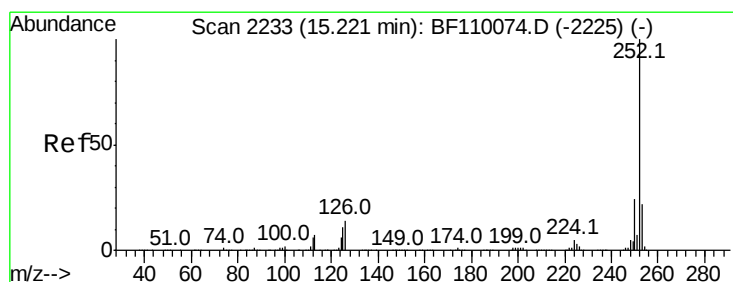
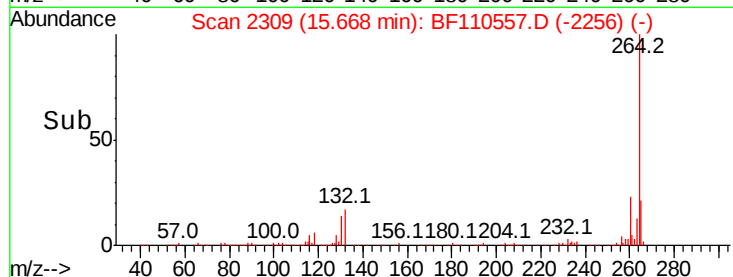
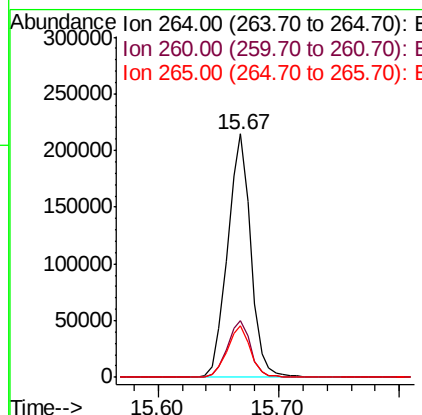
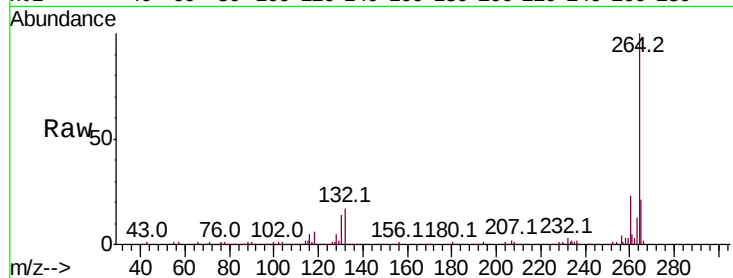
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.3	16.7	25.1

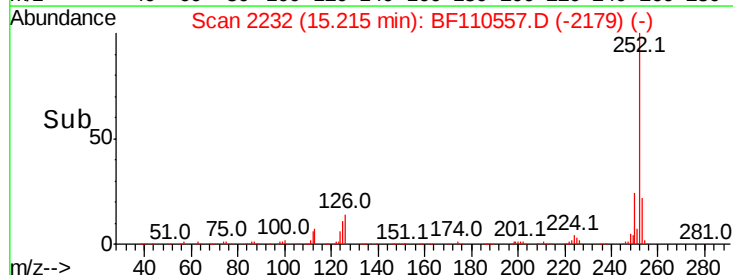
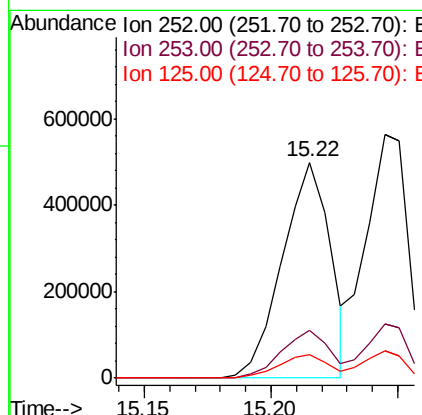
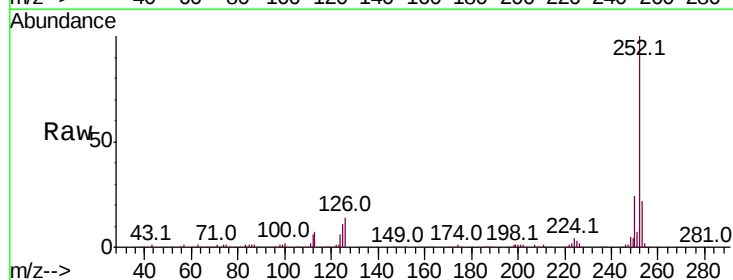
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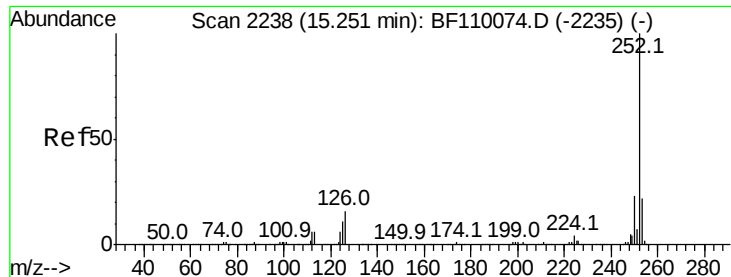
Sohil
11/9/2018 1:35:13 PM



#88
Benzo(b)fluoranthene
Concen: 40.084 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.1	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 40.558 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

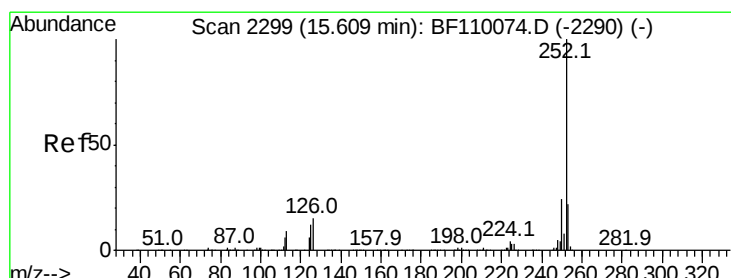
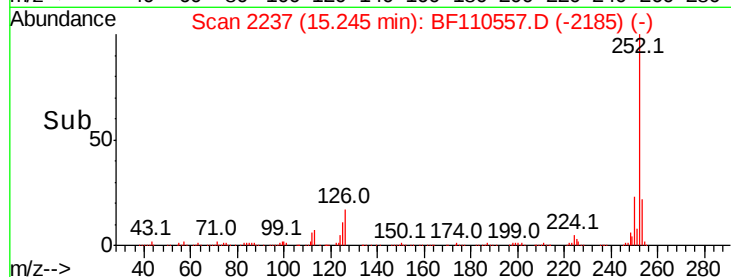
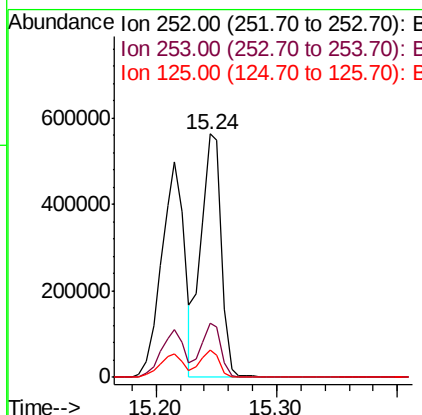
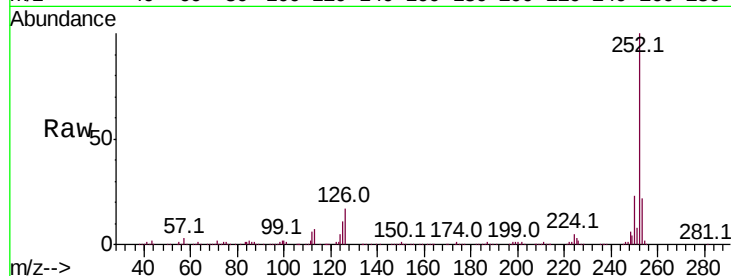
Instrument :
BNA_F

ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.4	7.4	11.0

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#90

Benzo(a)pyrene

Concen: 40.817 ng

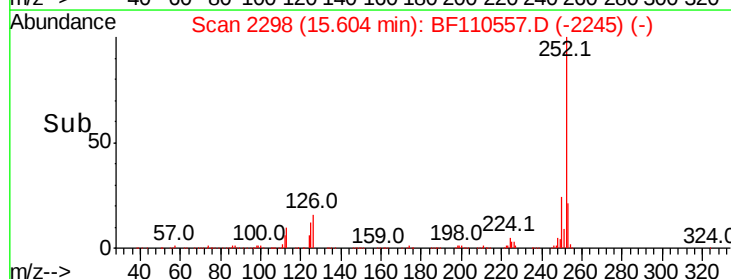
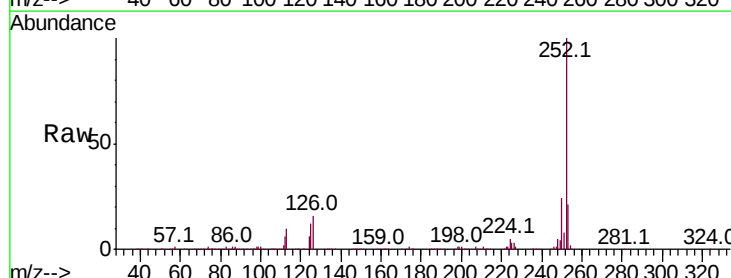
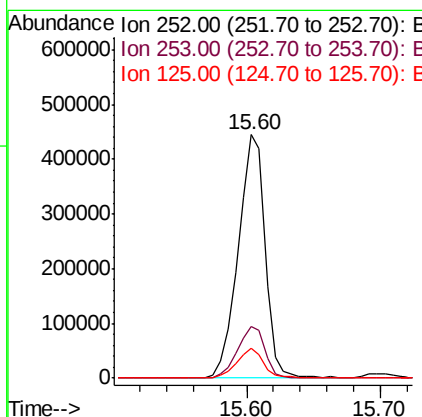
RT: 15.60 min Scan# 2298

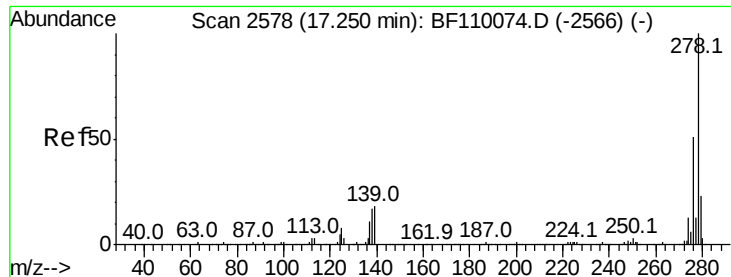
Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	12.3	9.0	13.6





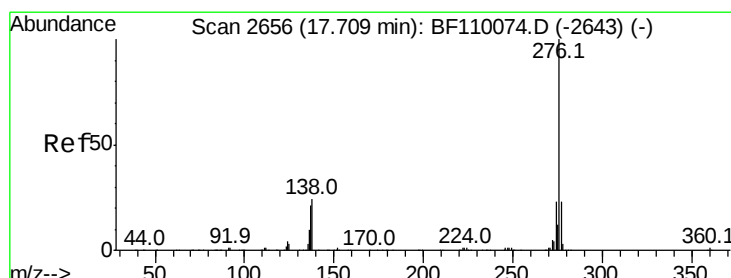
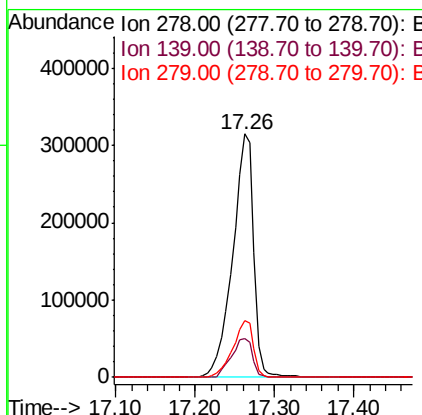
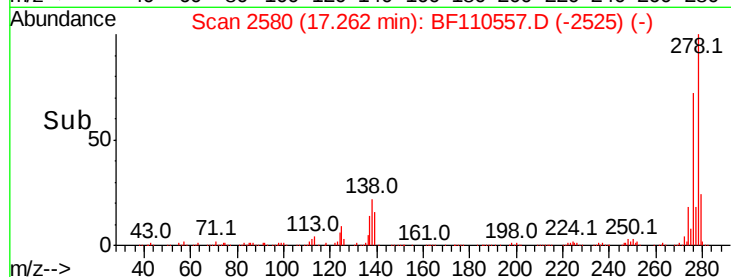
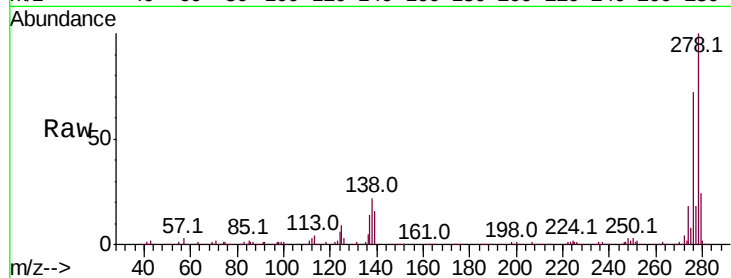
#91
Dibenzo(a,h)anthracene
Concen: 44.059 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.02 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	23.5	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/9/2018 1:35:13 PM



#92
Benzo(g,h,i)perylene
Concen: 45.518 ng
RT: 17.73 min Scan# 2660
Delta R.T. 0.03 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.2	16.0	24.0

