

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108877.D
 Acq On : 7 Sep 2018 23:09
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 9/10/2018 10:39:46 AM

Quant Time: Sep 08 00:26:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	208059	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	809786	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	353508	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	535507	20.00	ng	0.00
75) Chrysene-d12	13.87	240	436400	20.00	ng	0.00
86) Perylene-d12	15.28	264	541259	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	990781	78.89	ng	0.00
7) Phenol-d6	6.37	99	1283082	79.40	ng	0.00
23) Nitrobenzene-d5	7.30	82	1137318	87.89	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	246978	73.18	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1853958	89.47	ng	0.00
78) Terphenyl-d14	12.82	244	1112397	59.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	239834	39.736	ng	93
3) Pyridine	3.10	79	679727	41.122	ng	91
4) n-Nitrosodimethylamine	3.04	42	250380	39.438	ng	# 87
6) Aniline	6.40	93	834230	38.385	ng	96
8) 2-Chlorophenol	6.52	128	558641	40.187	ng	96
9) Benzaldehyde	6.28	77	451831	39.414	ng	99
10) Phenol	6.39	94	720459	38.927	ng	80
11) bis(2-Chloroethyl)ether	6.48	93	574574	38.754	ng	95
12) 1,3-Dichlorobenzene	6.68	146	626051	39.465	ng	98
13) 1,4-Dichlorobenzene	6.75	146	631981	39.838	ng	99
14) 1,2-Dichlorobenzene	6.91	146	587838	40.202	ng	98
15) Benzyl Alcohol	6.88	79	497270	40.100	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	853295	38.502	ng	98
17) 2-Methylphenol	7.00	107	450845	38.377	ng	98
18) Hexachloroethane	7.25	117	209270	36.585	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	404258	35.991	ng	96
20) 3+4-Methylphenols	7.15	107	531370	38.613	ng	# 61
22) Acetophenone	7.15	105	703531	38.281	ng	# 92
24) Nitrobenzene	7.32	77	589175	42.436	ng	99
25) Isophorone	7.56	82	958663	37.142	ng	98
26) 2-Nitrophenol	7.64	139	259855	47.506	ng	96
27) 2,4-Dimethylphenol	7.68	122	437989	39.431	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	664478	38.506	ng	100
29) 2,4-Dichlorophenol	7.88	162	453954	39.635	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	492526	39.680	ng	97
31) Naphthalene	8.04	128	1441181	39.558	ng	99
32) Benzoic acid	7.77	122	225615m	33.606	ng	
33) 4-Chloroaniline	8.09	127	649032	38.789	ng	98
34) Hexachlorobutadiene	8.17	225	297993	40.187	ng	98
35) Caprolactam	8.45	113	141925	36.568	ng	93
36) 4-Chloro-3-methylphenol	8.57	107	454769	37.272	ng	98
37) 2-Methylnaphthalene	8.73	142	915062	38.018	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	462652	43.781	ng	97
40) Hexachlorocyclopentadiene	8.89	237	94024	17.686	ng	99

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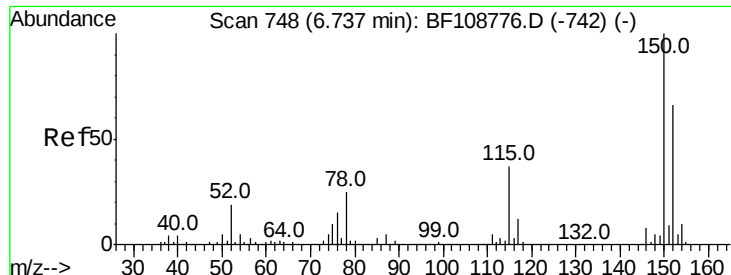
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	301708	41.917	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	302134	40.495	nq	92
45) 1,1'-Biphenyl	9.20	154	1145007	42.072	nq	100
46) 2-Chloronaphthalene	9.22	162	917134	41.668	nq	98
47) 2-Nitroaniline	9.31	65	287636	47.836	nq	94
48) Acenaphthylene	9.63	152	1327329	40.457	nq	99
49) Dimethylphthalate	9.50	163	1017470	41.151	nq	99
50) 2,6-Dinitrotoluene	9.55	165	222101	47.141	nq	90
51) Acenaphthene	9.80	154	791052	38.963	nq	99
52) 3-Nitroaniline	9.72	138	260446	46.439	nq	97
53) 2,4-Dinitrophenol	9.82	184	15515	17.221	nq	# 23
54) Dibenzofuran	9.97	168	1167753	39.459	nq	98
55) 4-Nitrophenol	9.87	139	152930	36.475	nq	99
56) 2,4-Dinitrotoluene	9.95	165	263167	43.678	nq	# 94
57) Fluorene	10.31	166	761965	40.121	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	215843	35.874	nq	89
59) Diethylphthalate	10.20	149	989590	38.783	nq	96
60) 4-Chlorophenyl-phenylether	10.31	204	428734	42.270	nq	95
61) 4-Nitroaniline	10.32	138	210590	41.449	nq	95
62) Azobenzene	10.47	77	981793	37.276	nq	97
64) 4,6-Dinitro-2-methylphenol	10.35	198	36013	21.523	nq	96
65) n-Nitrosodiphenylamine	10.42	169	824458	46.306	nq	96
66) 4-Bromophenyl-phenylether	10.80	248	274610	45.403	nq	90
67) Hexachlorobenzene	10.87	284	275000	42.592	nq	# 87
68) Atrazine	10.95	200	246405	43.231	nq	96
69) Pentachlorophenol	11.05	266	153233	38.819	nq	99
70) Phenanthrene	11.27	178	1044775	40.855	nq	98
71) Anthracene	11.32	178	1050511	42.905	nq	100
72) Carbazole	11.47	167	993328	38.523	nq	99
73) Di-n-butylphthalate	11.81	149	1286291	44.921	nq	99
74) Fluoranthene	12.45	202	958127	37.841	nq	99
76) Benzidine	12.57	184	575946	27.845	nq	99
77) Pyrene	12.68	202	1003781	29.892	nq	100
79) Butylbenzylphthalate	13.30	149	445429	29.455	nq	95
80) Benzo(a)anthracene	13.86	228	1012386	36.193	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	424253	38.930	nq	97
82) Chrysene	13.89	228	1014934	37.481	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	567408	29.857	nq	98
84) Di-n-octyl phthalate	14.48	149	1171784	36.984	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	999976	41.727	nq	96
87) Benzo(b)fluoranthene	14.88	252	1065078	36.189	nq	98
88) Benzo(k)fluoranthene	14.91	252	1103690	40.722	nq	97
89) Benzo(a)pyrene	15.22	252	1032366	38.875	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	852757	36.442	nq	96
91) Benzo(g,h,i)perylene	17.04	276	777778	33.197	nq	96

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



#1

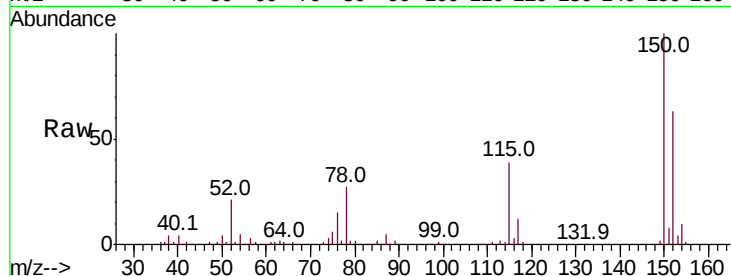
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	60.9	50.1	75.1

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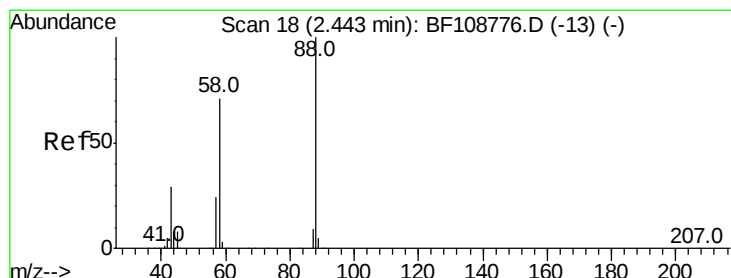
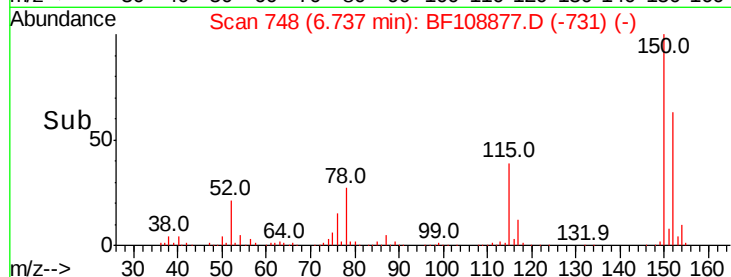
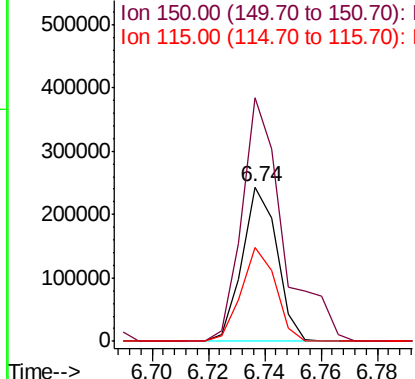


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

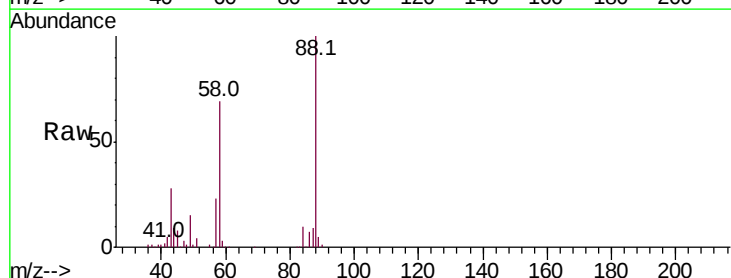
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.736 ng
RT: 2.40 min Scan# 10
Delta R.T. -0.05 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	62.6	93.8
43	27.9	24.6	37.0

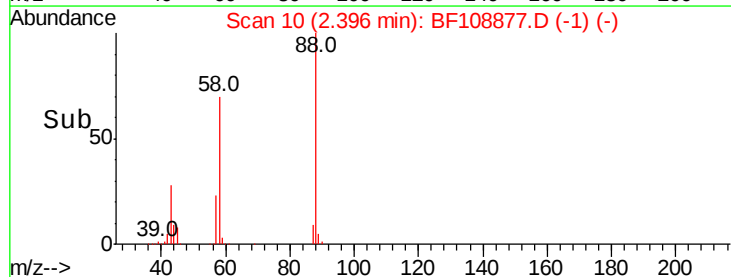
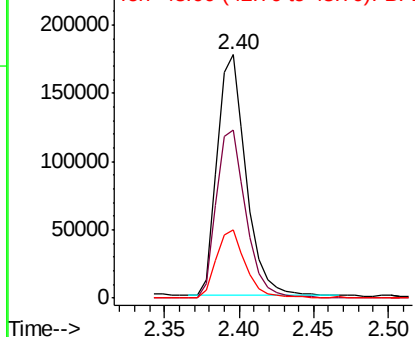


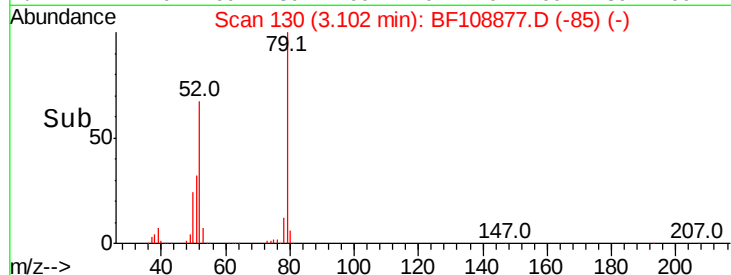
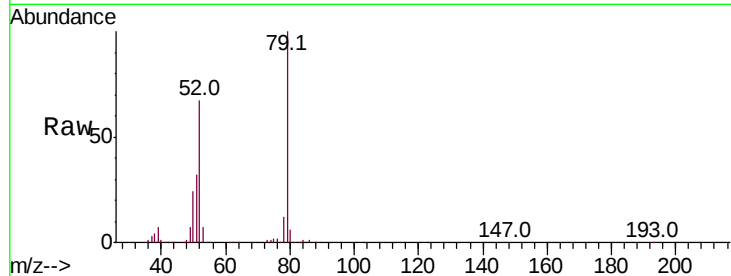
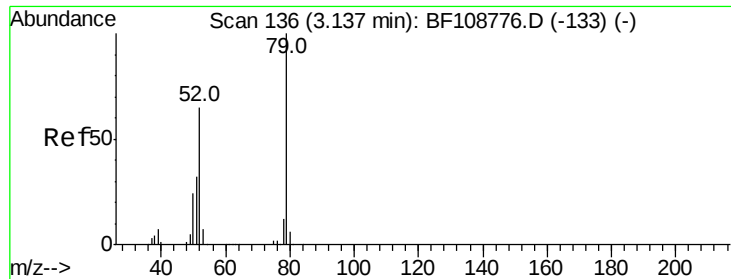
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





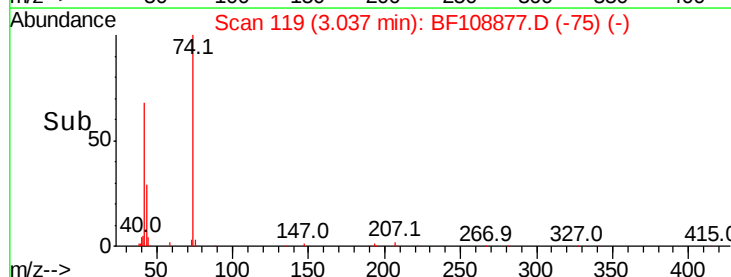
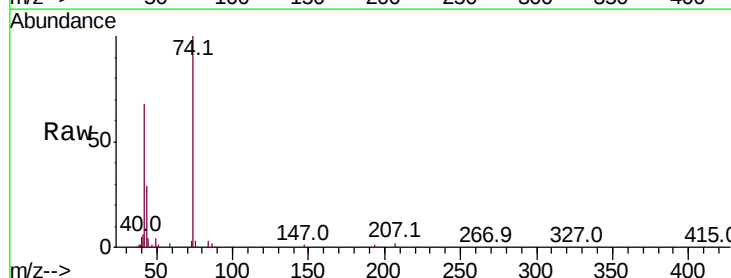
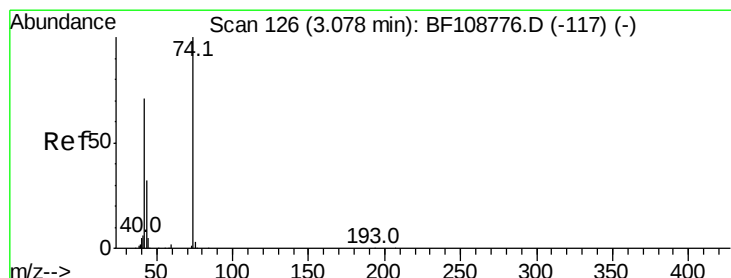
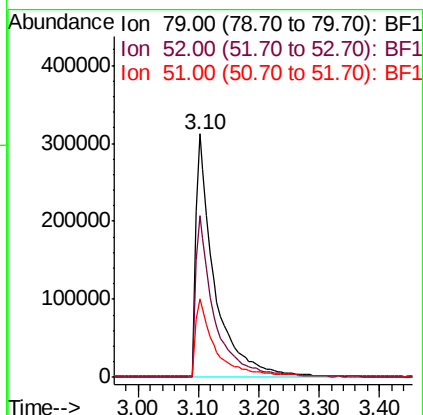
#3
Pvridine
Concen: 41.122 ng
RT: 3.10 min Scan# 130
Delta R.T. -0.04 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.5	59.8	89.6
51	32.5	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

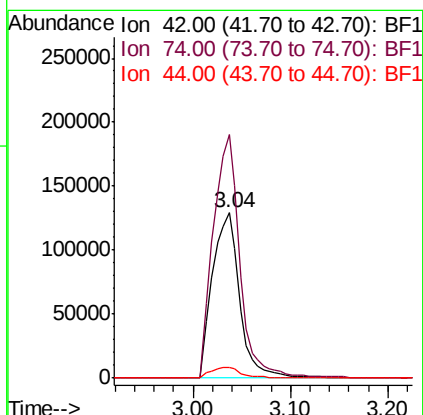
Manual Integrations
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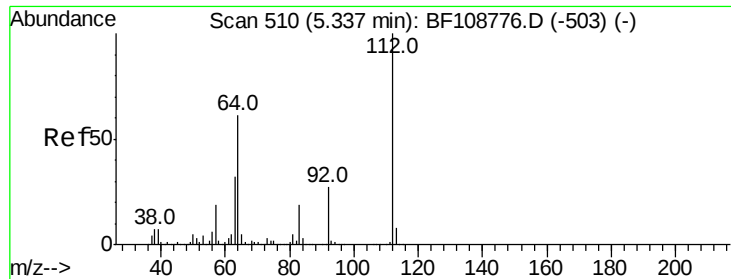
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#4
n-Nitrosodimethylamine
Concen: 39.438 ng
RT: 3.04 min Scan# 119
Delta R.T. -0.04 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.3	104.9	157.3
44	6.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 78.891 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Instrument :

BNA_F

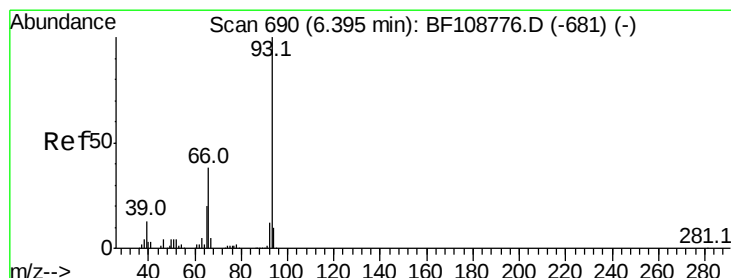
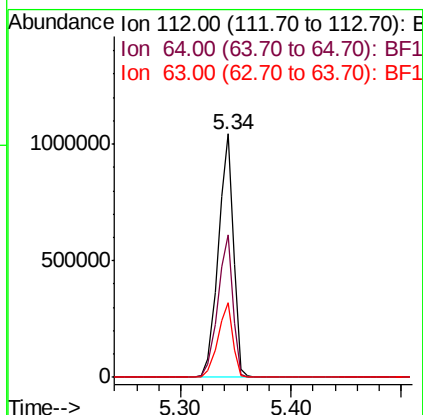
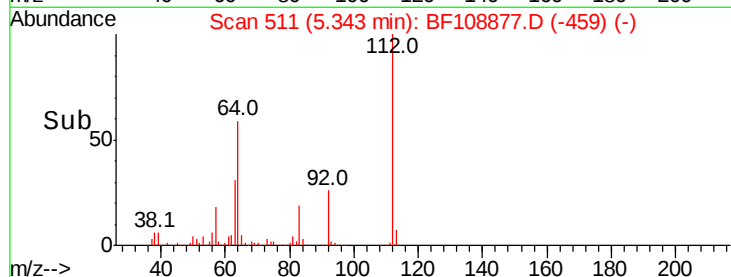
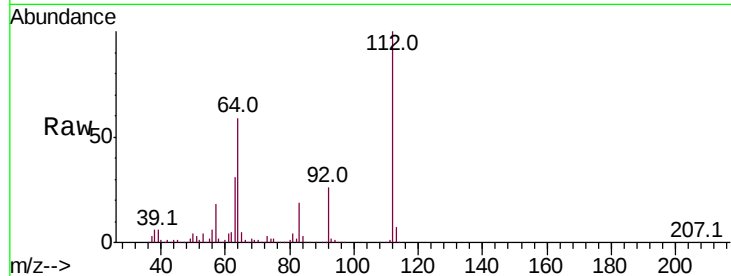
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	990781
Ion Ratio	Lower	Upper	
112	100		
64	58.6	47.9	71.9
63	30.5	23.7	35.5

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#6

Aniline

Concen: 38.385 ng

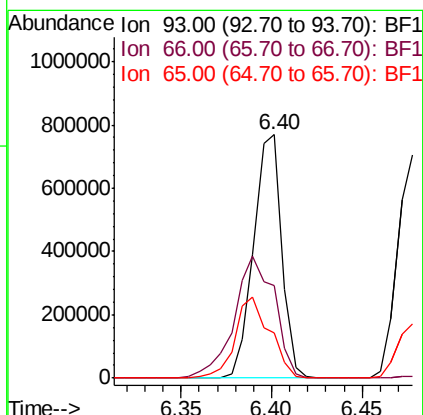
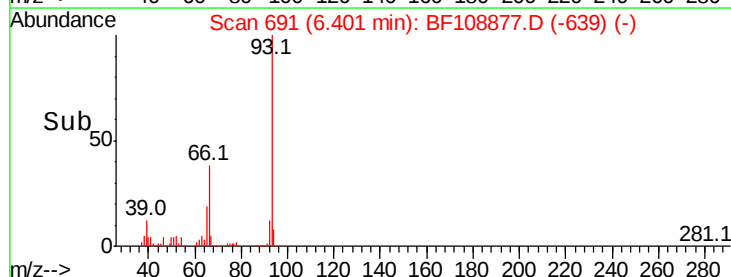
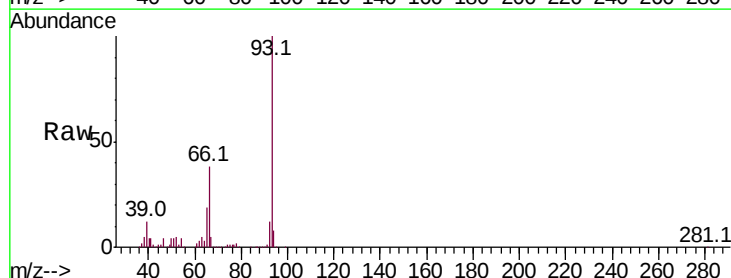
RT: 6.40 min Scan# 691

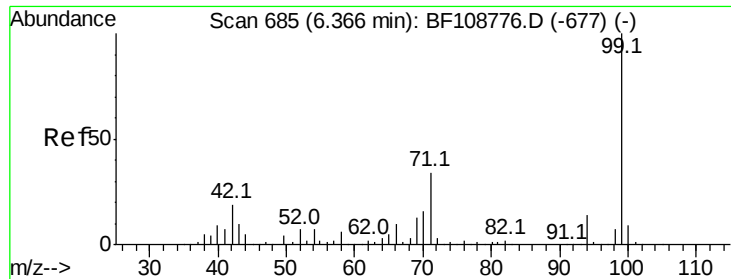
Delta R.T. 0.01 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Tgt Ion:	93	Resp:	834230
Ion Ratio	Lower	Upper	
93	100		
66	37.8	32.2	48.2
65	18.6	16.4	24.6





#7

Phenol-d6

Concen: 79.404 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1283082

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

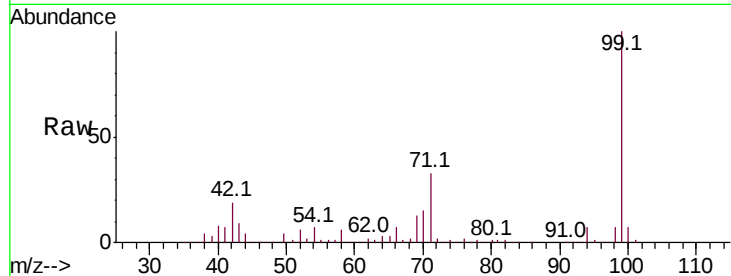
71 33.2 25.4 38.0

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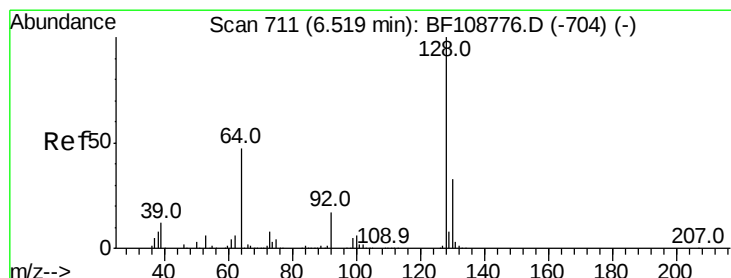
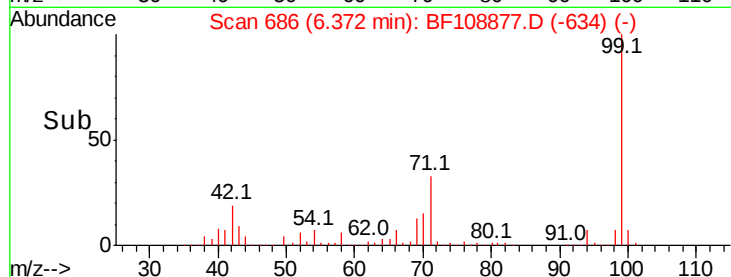
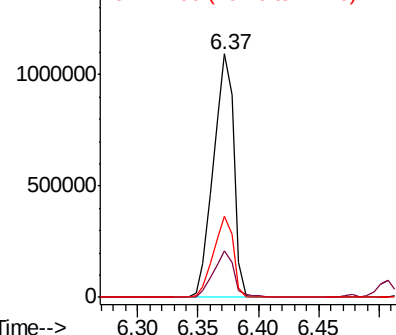
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.187 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

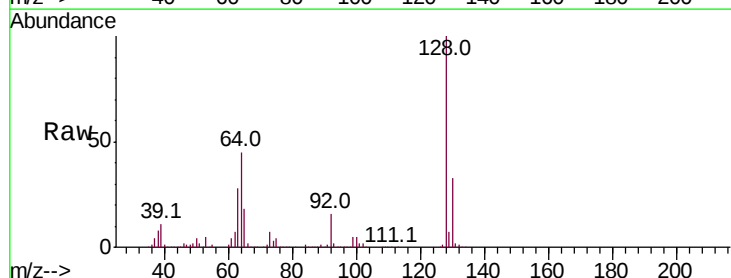
Tgt Ion:128 Resp: 558641

Ion Ratio Lower Upper

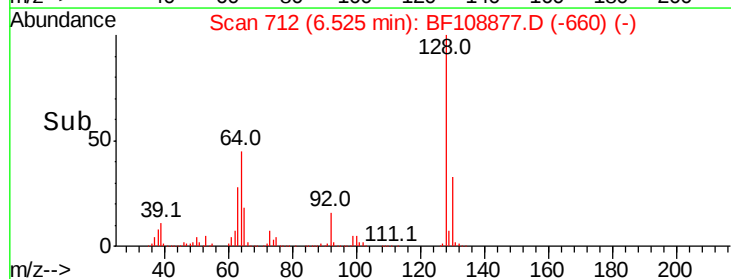
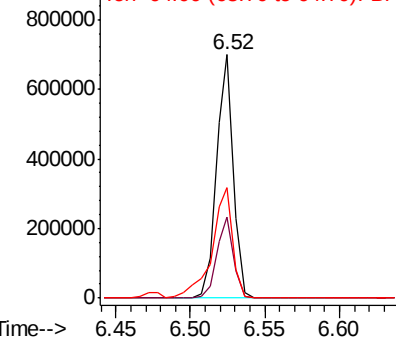
128 100

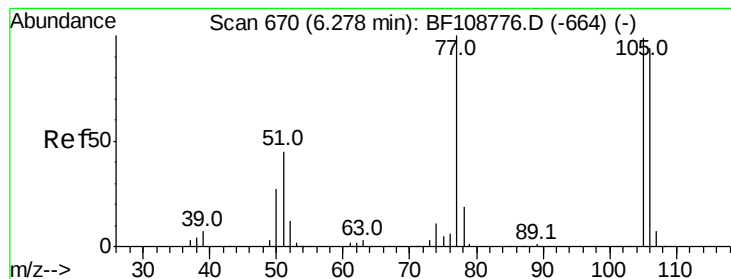
130 33.1 13.0 53.0

64 45.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.414 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Instrument :

BNA_F

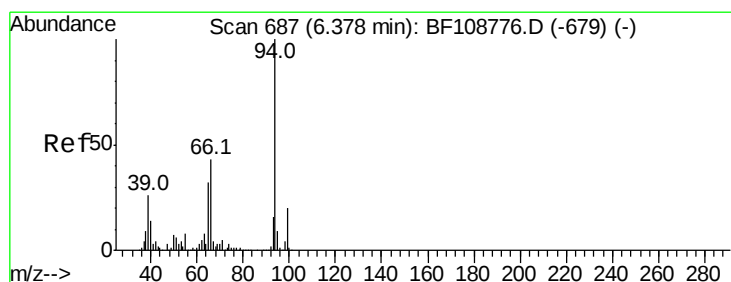
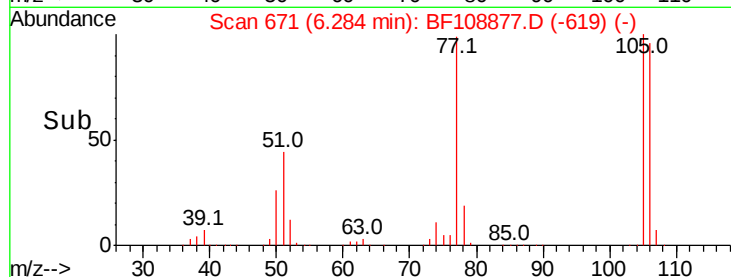
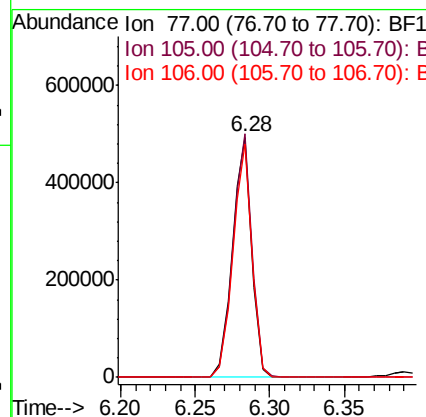
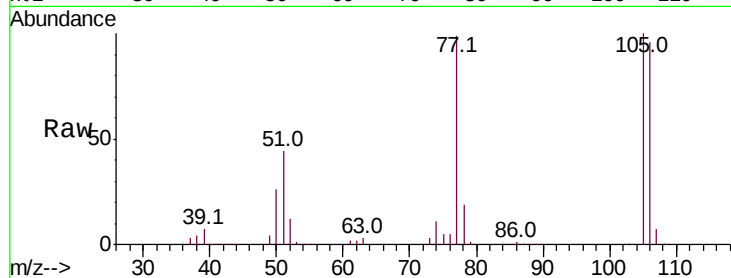
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.3	81.1	121.1		
106	97.1	74.5	114.5		

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#10

Phenol

Concen: 38.927 ng

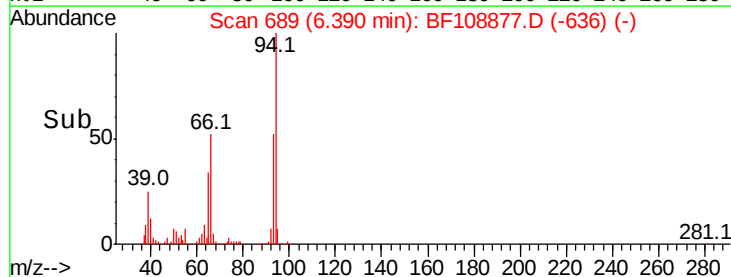
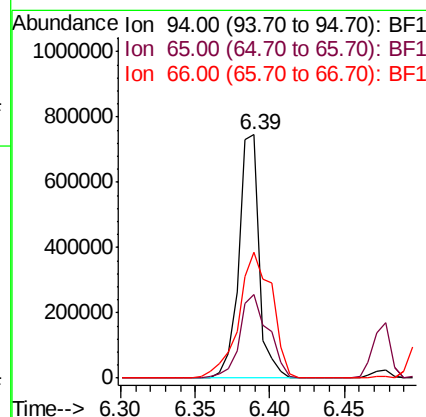
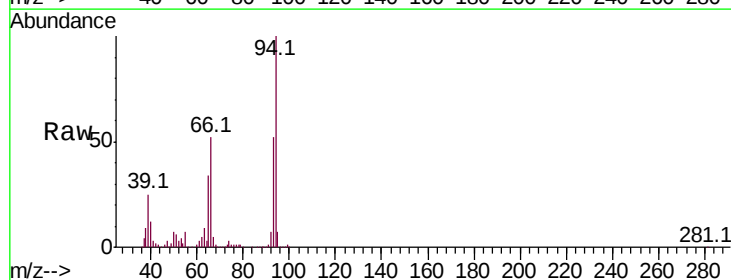
RT: 6.39 min Scan# 689

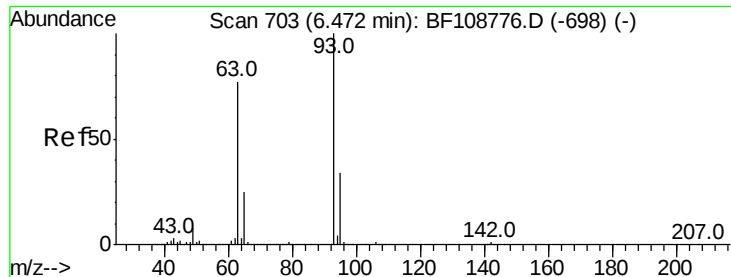
Delta R.T. 0.01 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	34.2	7.9	47.9		
66	51.9	16.2	56.2		





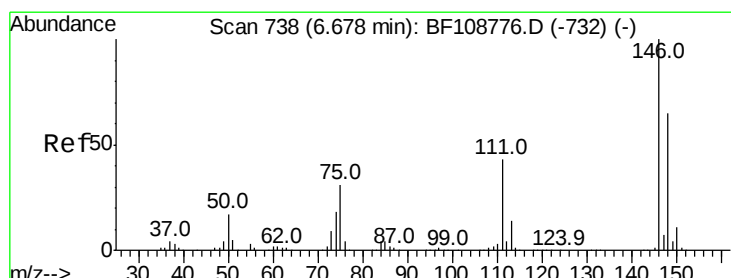
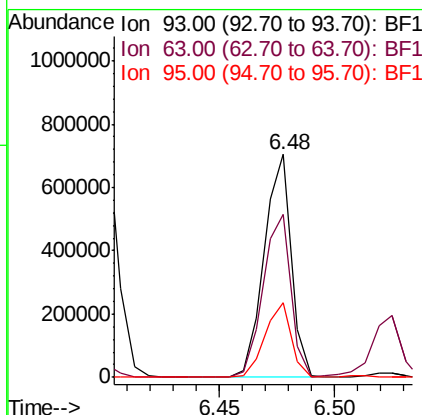
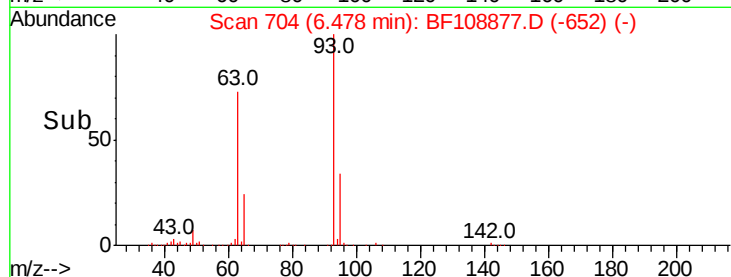
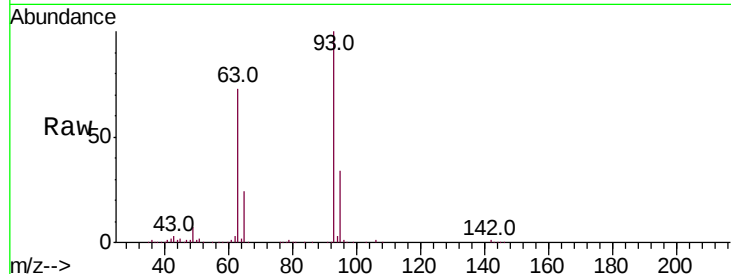
#11
bis(2-Chloroethyl)ether
Concen: 38.754 ng
RT: 6.48 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	58.6	98.6
95	33.7	11.8	51.8

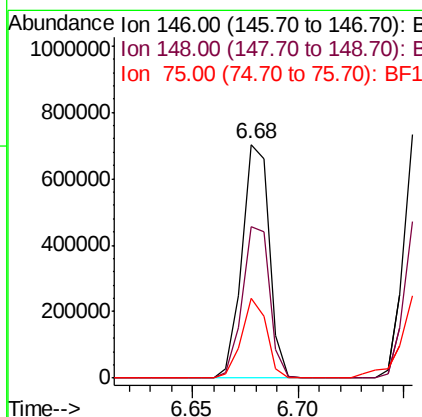
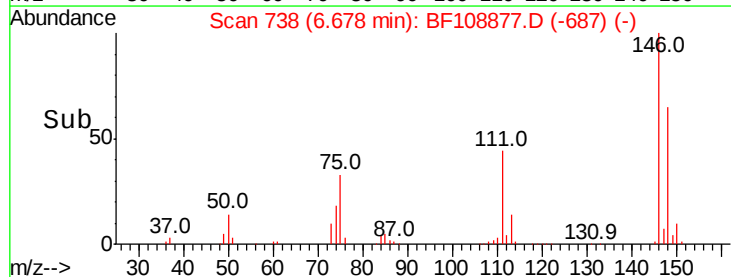
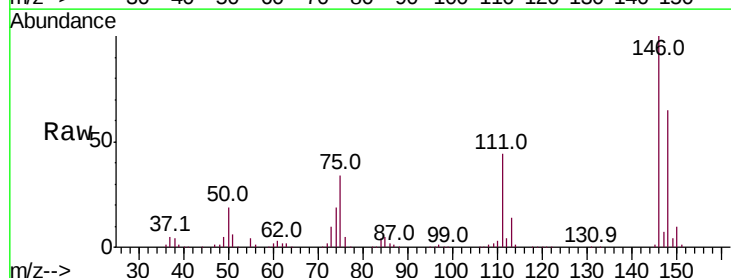
Manual Integrations
APPROVED

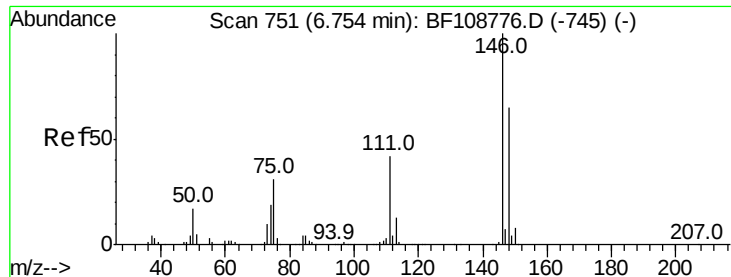
Sohil
9/10/2018 10:39:46 AM



#12
1,3-Dichlorobenzene
Concen: 39.465 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	33.9	24.2	36.4





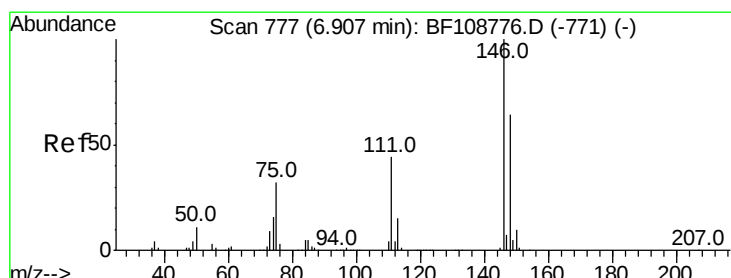
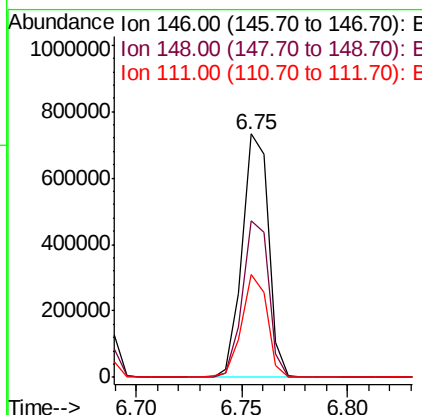
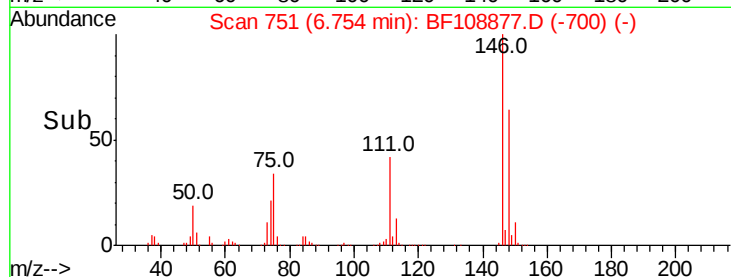
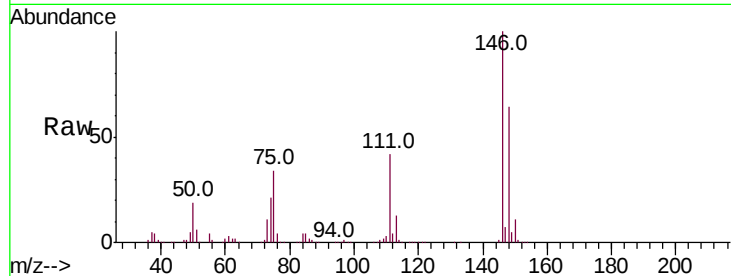
#13
 1,4-Dichlorobenzene
 Concen: 39.838 ng
 RT: 6.75 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	42.4	34.2	51.2

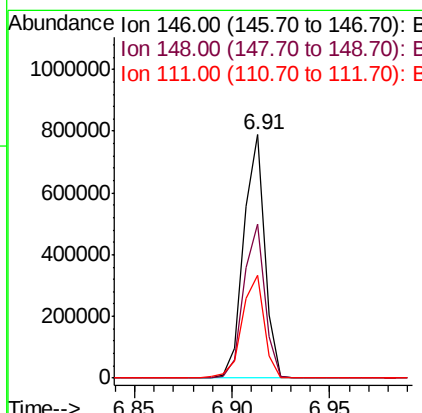
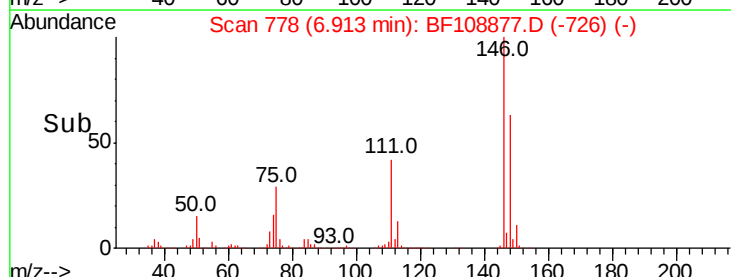
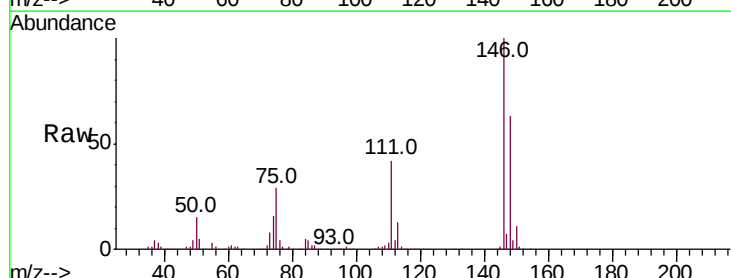
Manual Integrations
 APPROVED

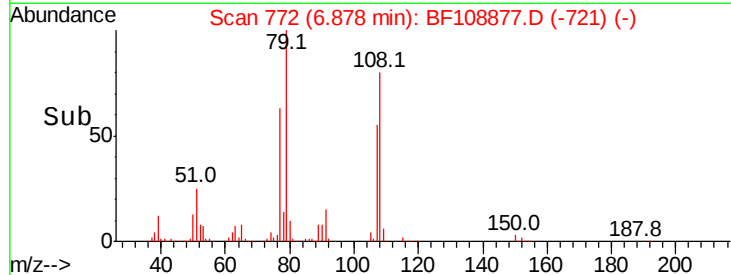
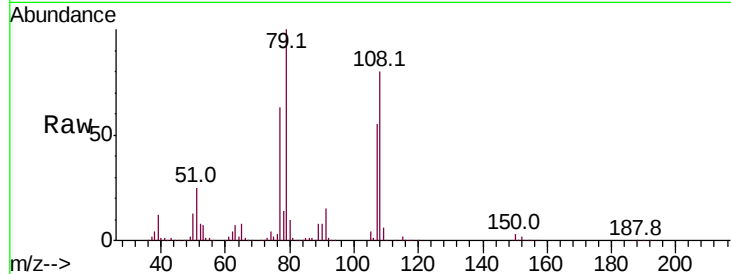
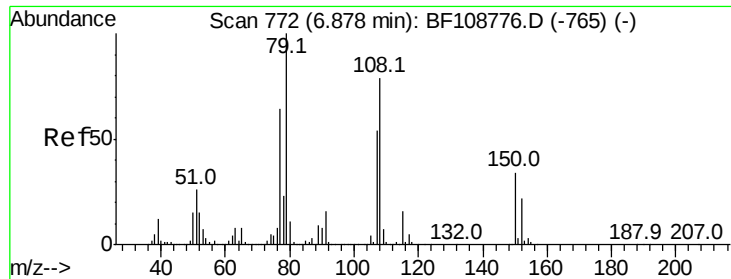
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 9/10/2018 10:39:46 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.202 ng
 RT: 6.91 min Scan# 778
 Delta R.T. 0.01 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	42.1	36.0	54.0





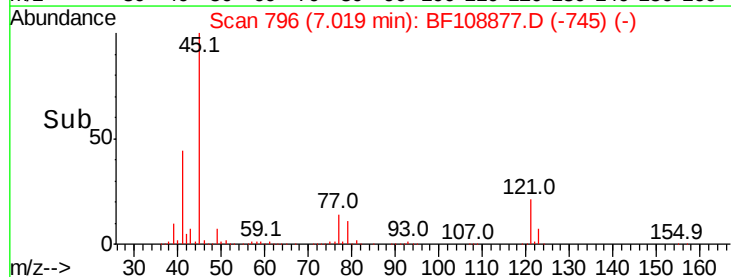
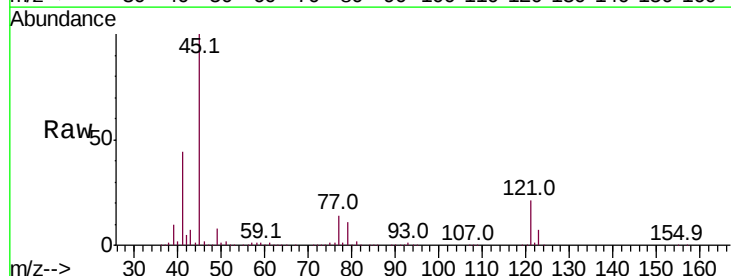
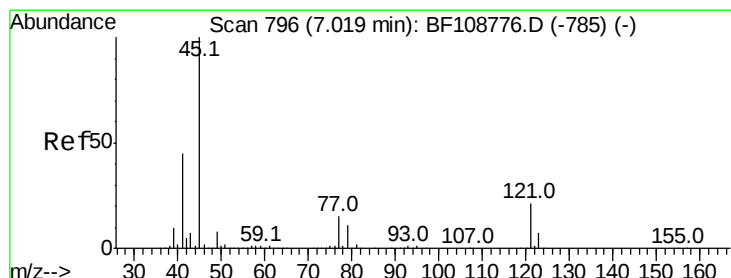
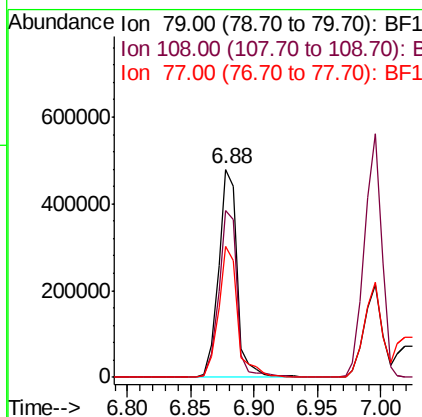
#15
Benzyl Alcohol
Concen: 40.100 ng
RT: 6.88 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.1	65.1	97.7	
77	63.3	50.6	75.8	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

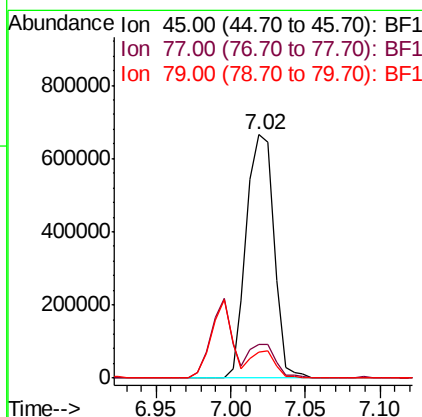
Manual Integrations
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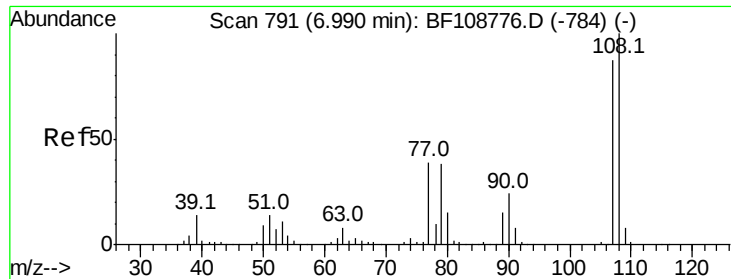
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.502 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.8	0.0	32.9	
79	10.6	0.0	29.6	





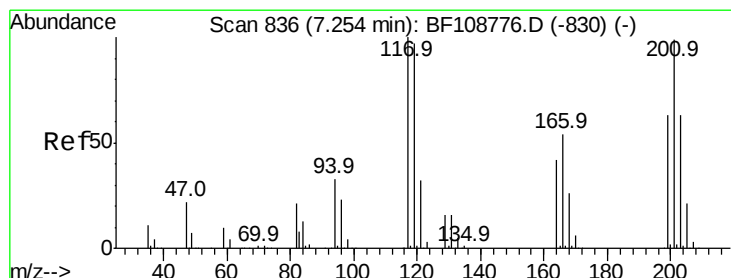
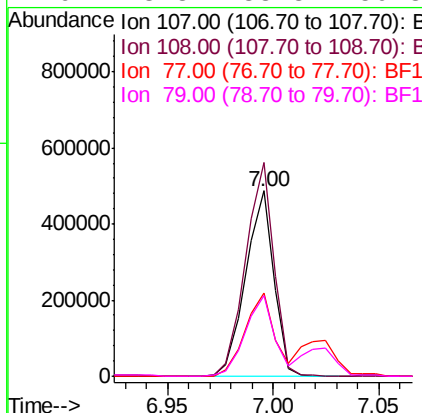
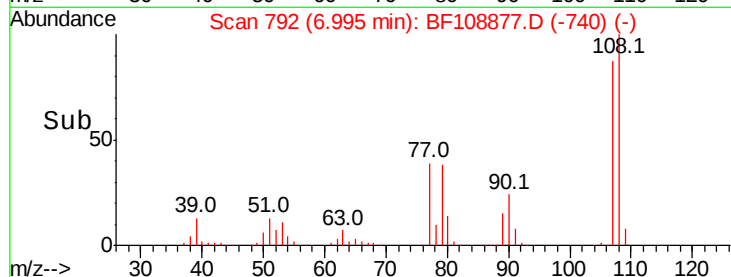
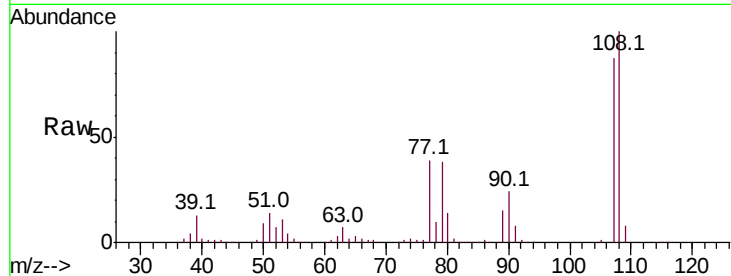
#17
2-Methylphenol
Concen: 38.377 ng
RT: 7.00 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	450845
Ion Ratio	Lower	Upper	
107	100		
108	115.4	91.7	137.5
77	44.9	33.8	50.8
79	43.8	33.8	50.8

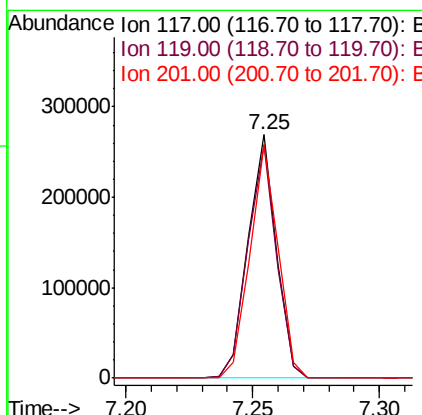
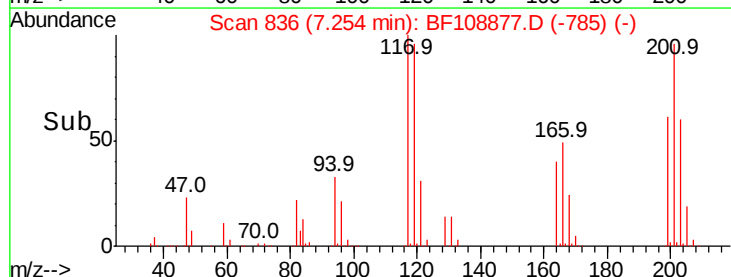
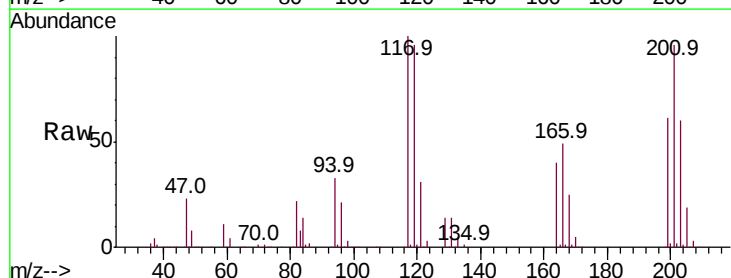
Manual Integrations
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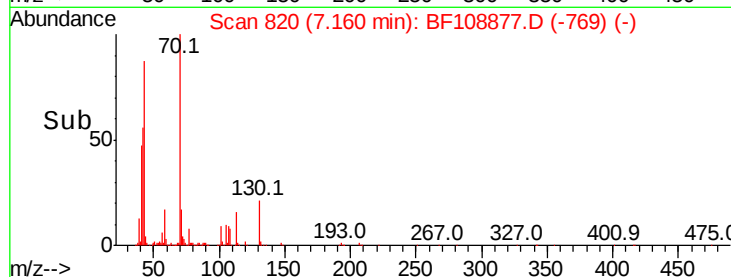
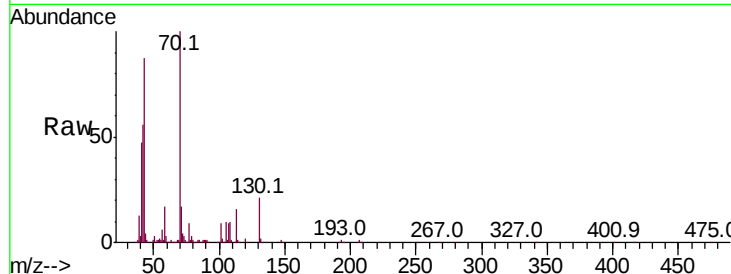
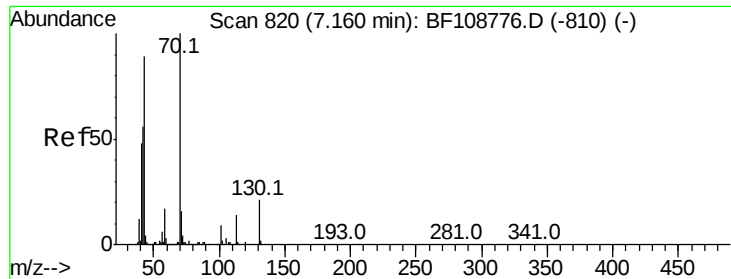
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#18
Hexachloroethane
Concen: 36.585 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion:	117	Resp:	209270
Ion Ratio	Lower	Upper	
117	100		
119	95.9	75.8	113.8
201	96.1	75.7	113.5





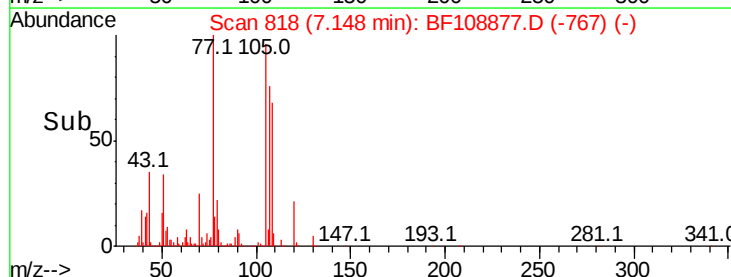
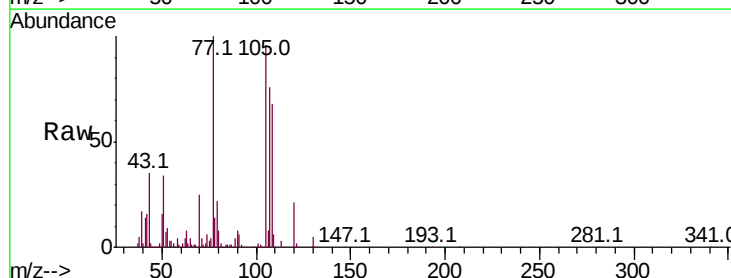
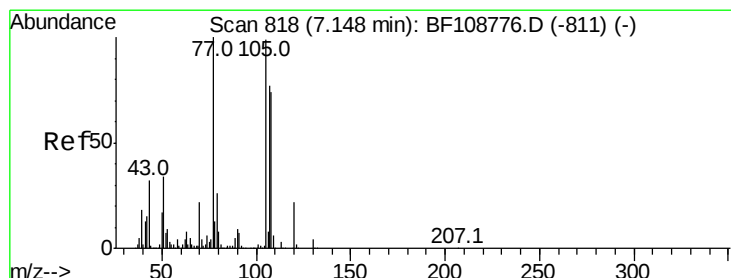
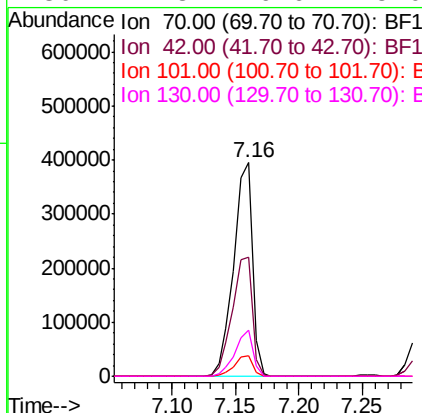
#19
n-Nitroso-di-n-propylamine
Concen: 35.991 ng
RT: 7.16 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.5	47.5	71.3		
101	9.4	7.4	11.2		
130	21.3	16.6	25.0		

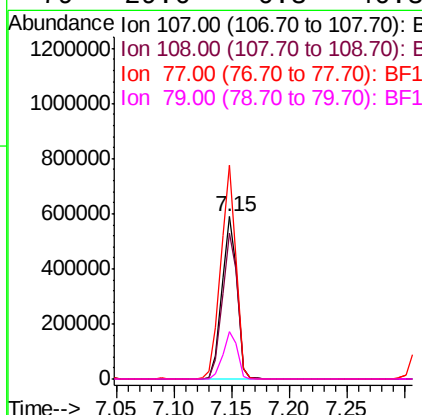
Manual Integrations
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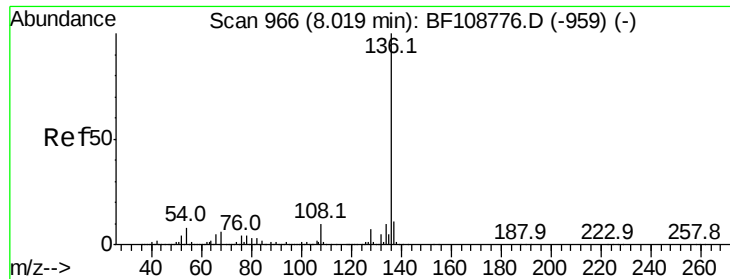
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#20
3+4-Methylphenols
Concen: 38.613 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.0	68.2	108.2		
77	131.8	26.7	66.7#		
79	29.6	6.3	46.3		





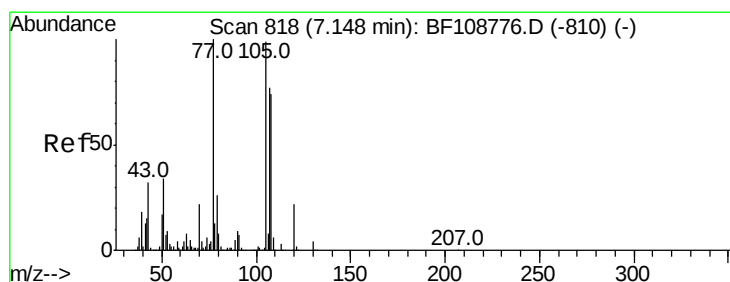
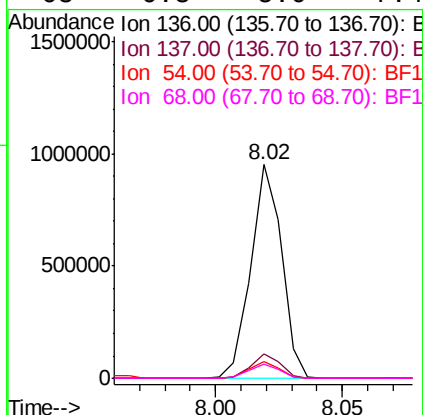
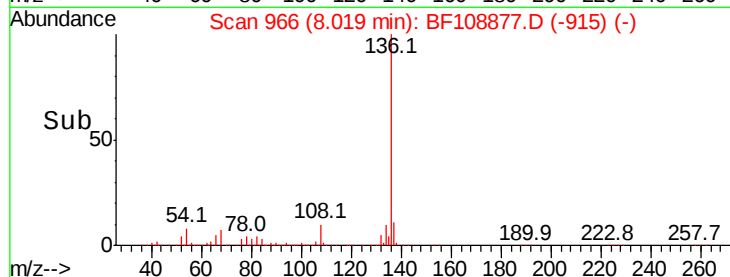
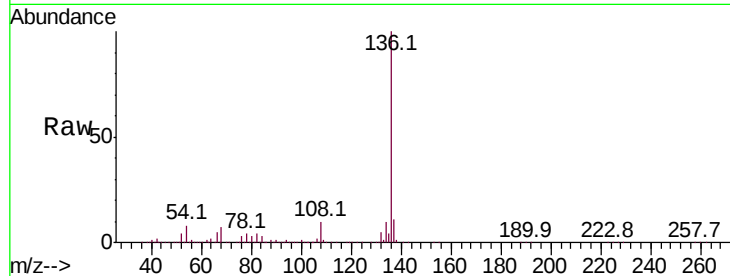
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	7.8	6.6	9.8	
68	6.8	5.0	7.4	

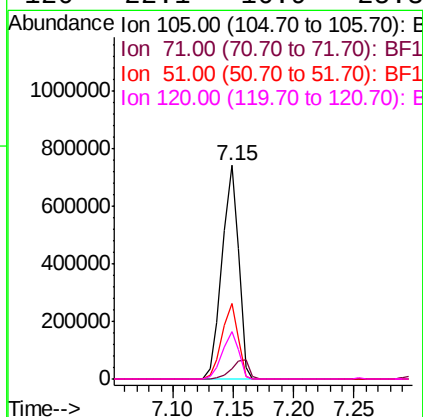
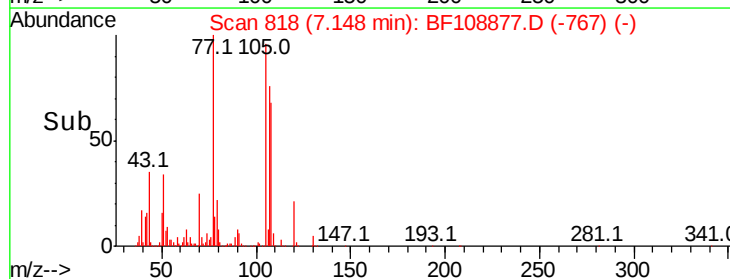
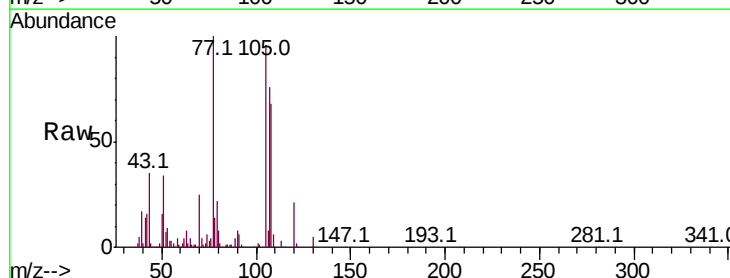
Manual Integrations
APPROVED

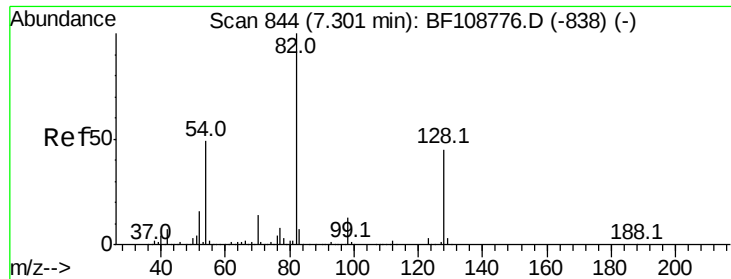
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#22
Acetophenone
Concen: 38.281 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.5	4.4	6.6	
51	35.4	22.3	33.5	
120	22.1	16.9	25.3	





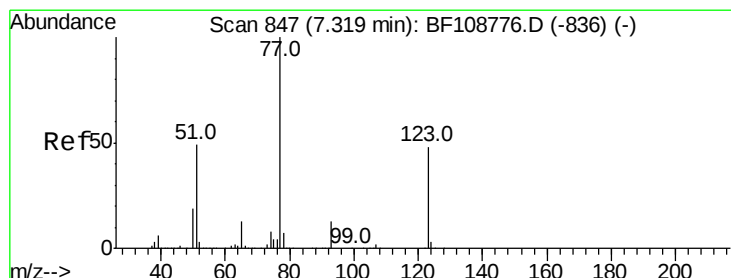
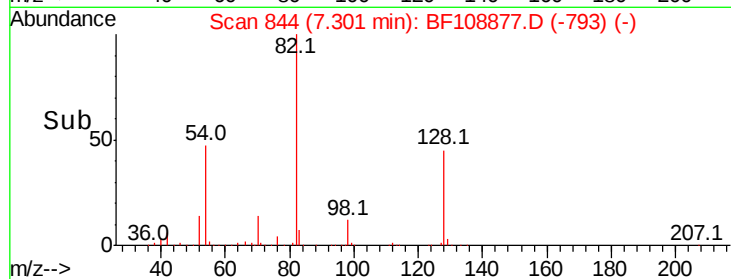
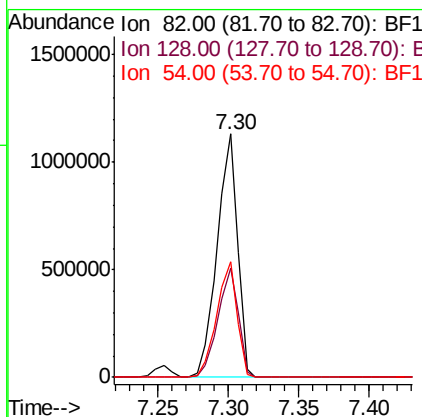
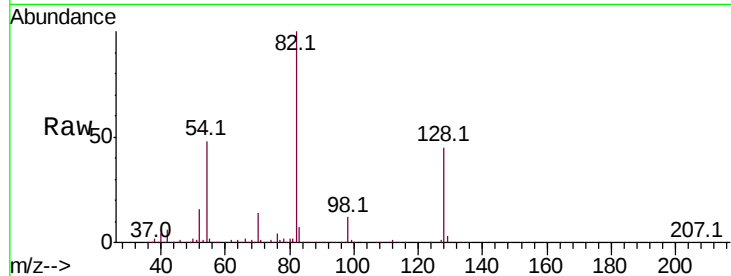
#23
Nitrobenzene-d5
Concen: 87.893 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion: 82 Resp: 1137318
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 47.7 41.4 62.2

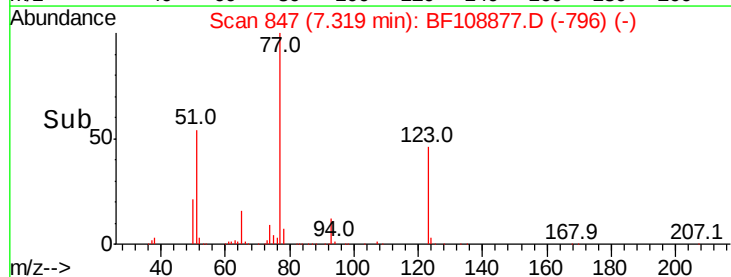
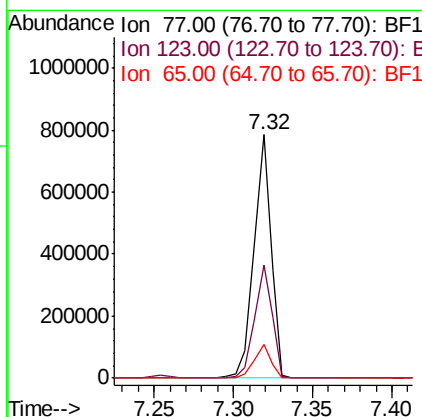
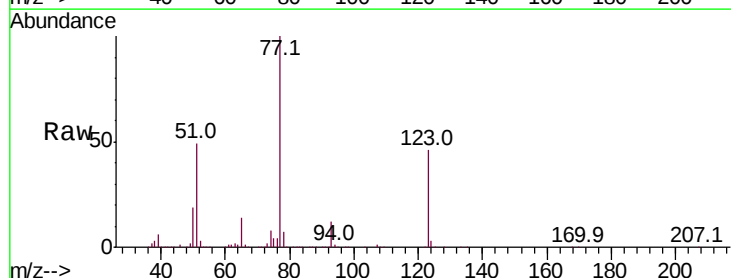
Manual Integrations
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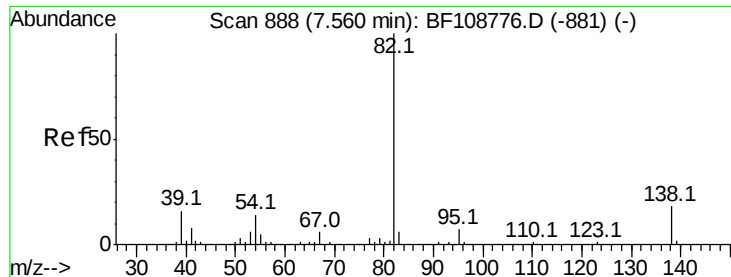
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#24
Nitrobenzene
Concen: 42.436 ng
RT: 7.32 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion: 77 Resp: 589175
Ion Ratio Lower Upper
77 100
123 46.3 37.9 56.9
65 13.8 11.0 16.4





#25

Isophorone

Concen: 37.142 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Instrument :

BNA_F

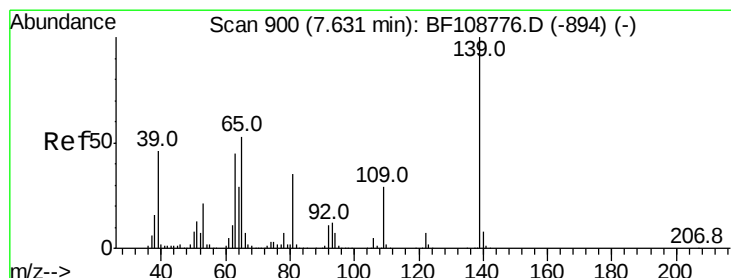
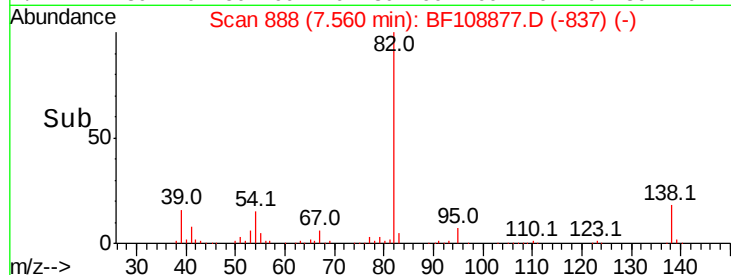
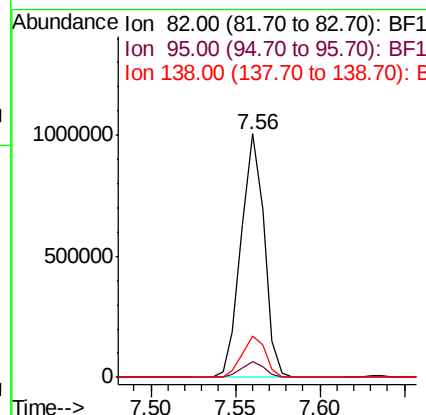
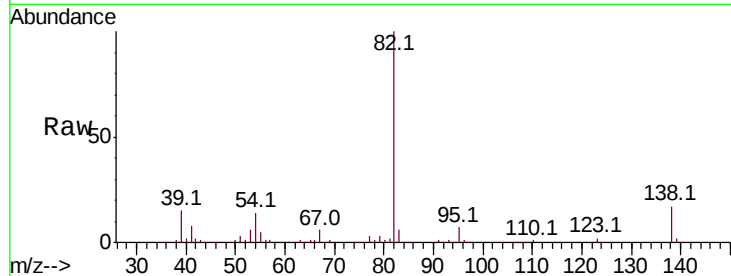
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	958663
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	17.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.506 ng

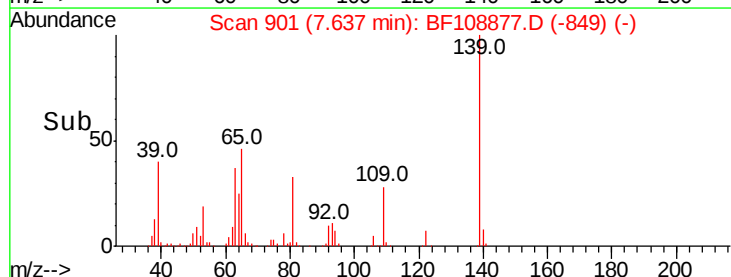
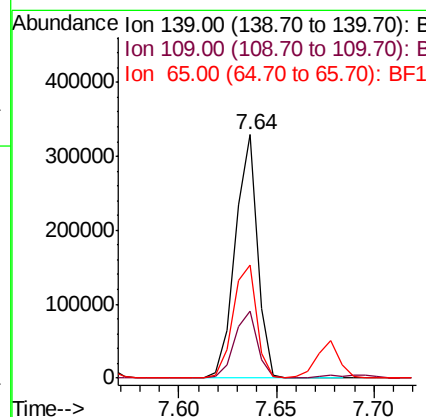
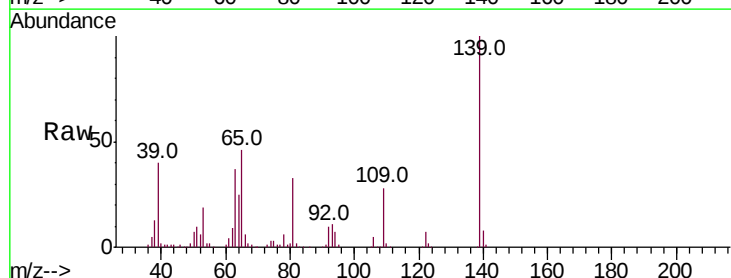
RT: 7.64 min Scan# 901

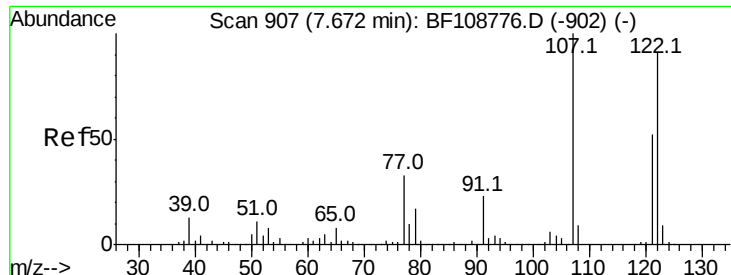
Delta R.T. 0.01 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Tgt Ion:	139	Resp:	259855
Ion Ratio	Lower	Upper	
139	100		
109	27.5	22.7	34.1
65	46.4	40.5	60.7





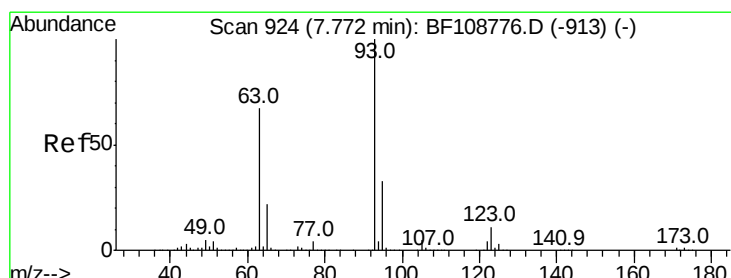
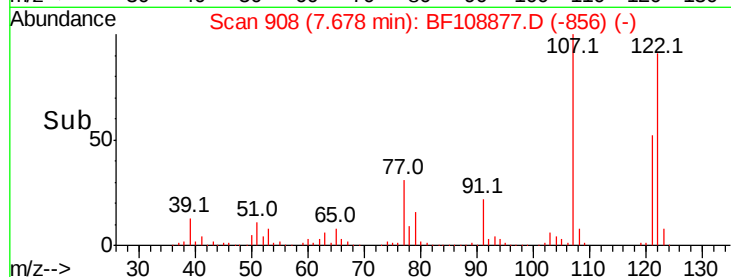
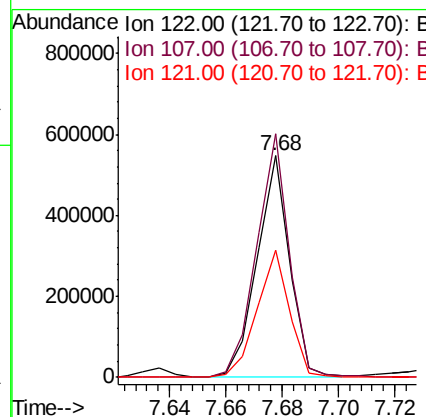
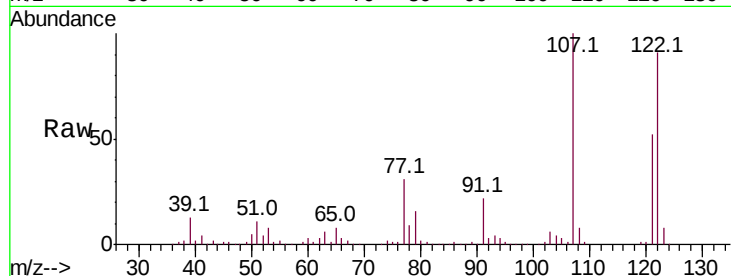
#27
 2,4-Dimethylphenol
 Concen: 39.431 ng
 RT: 7.68 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	437989		
107	109.8	91.2	136.8	
121	57.4	47.2	70.8	

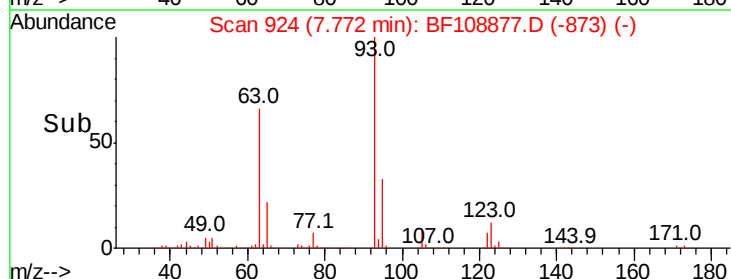
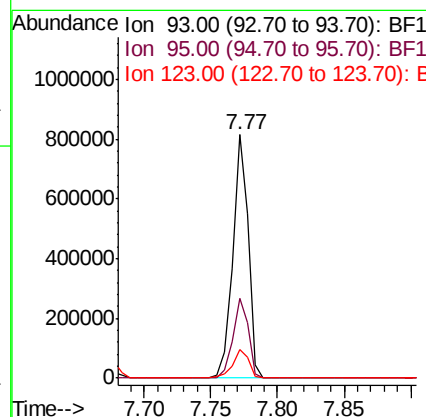
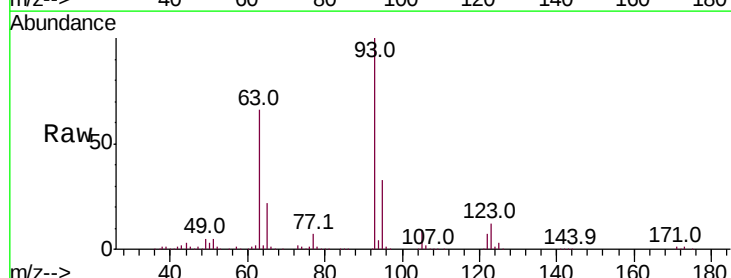
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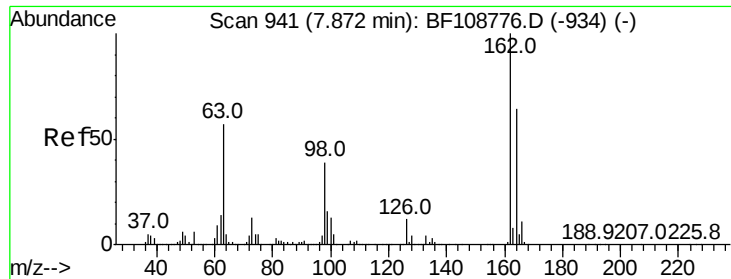
Sohil
 9/10/2018 10:39:46 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.506 ng
 RT: 7.77 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	664478		
95	32.9	26.3	39.5	
123	11.6	9.8	14.6	





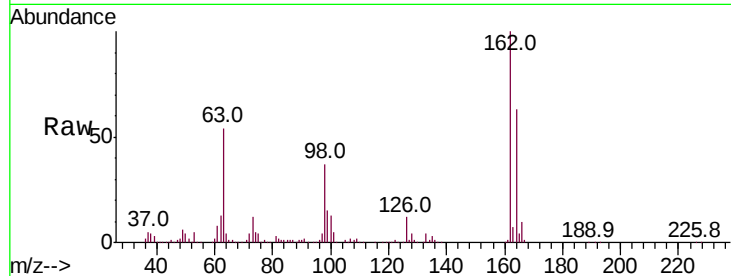
#29
2,4-Dichlorophenol
Concen: 39.635 ng
RT: 7.88 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

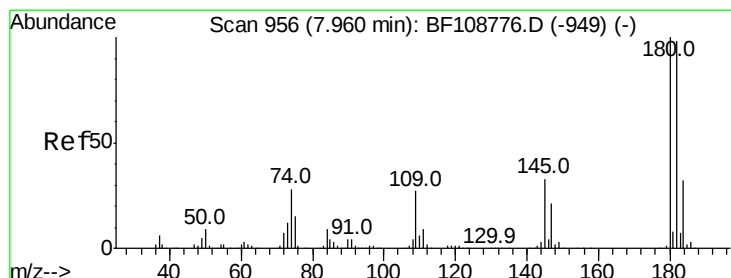
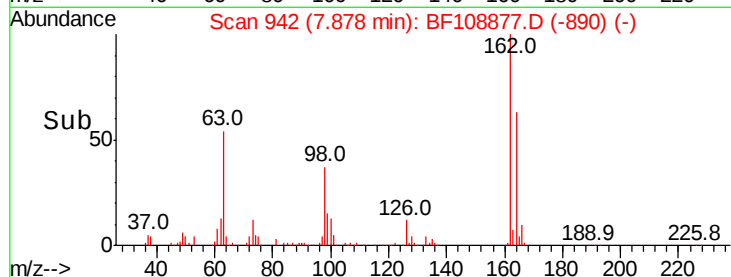
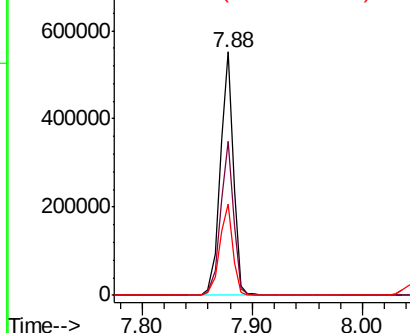
Tot Ion	Ratio	Resp	Lower	Upper
162	100	453954		
164	63.1	42.7	82.7	
98	37.5	18.1	58.1	

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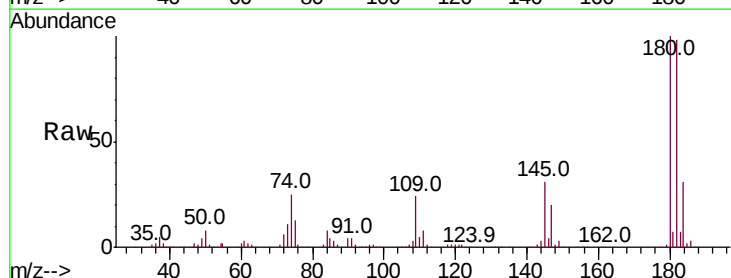


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

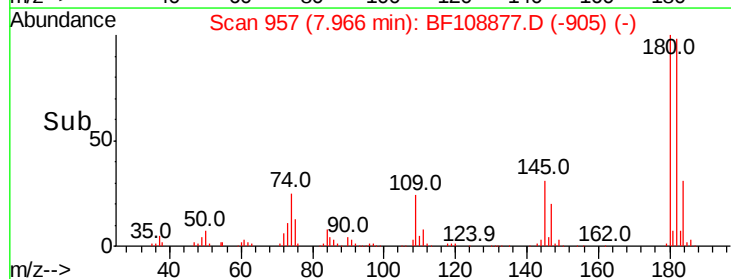
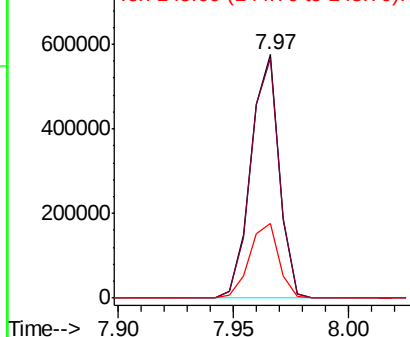


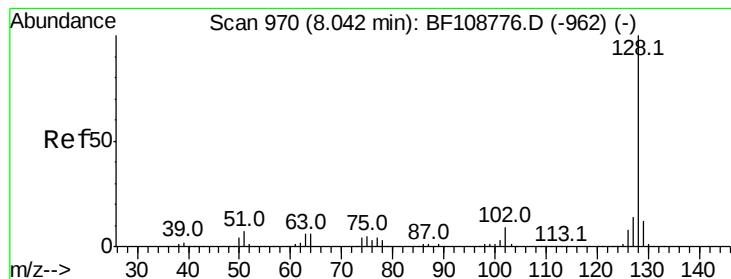
#30
1,2,4-Trichlorobenzene
Concen: 39.680 ng
RT: 7.97 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	492526		
182	98.2	76.8	115.2	
145	30.9	26.5	39.7	



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





#31

Naphthalene

Concen: 39.558 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1441181

Ion Ratio Lower Upper

128 100

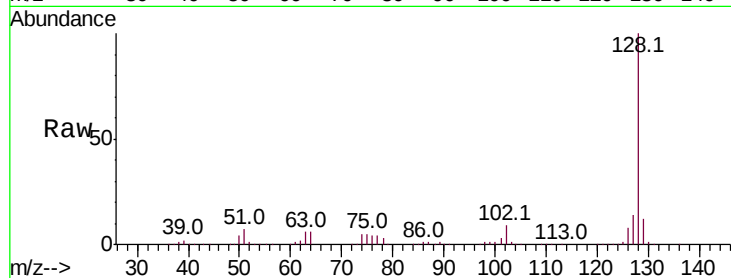
129 11.7 8.8 13.2

127 13.6 10.9 16.3

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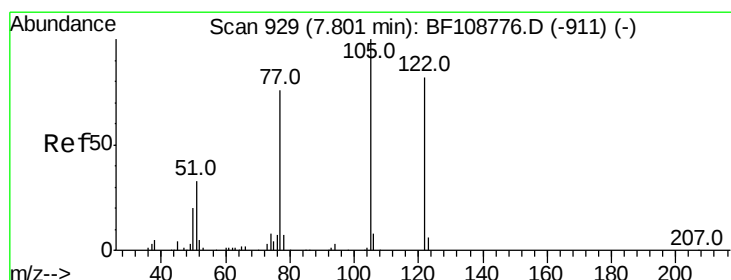
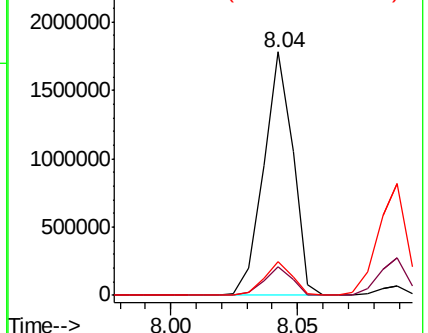
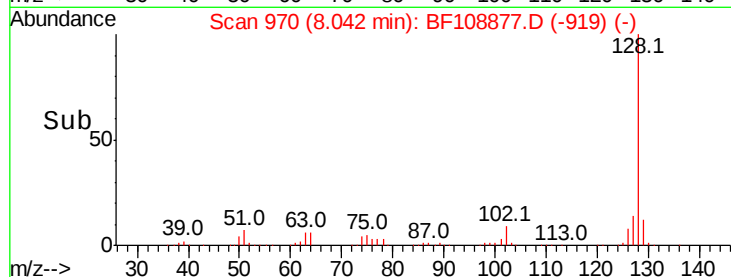
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.606 ng m

RT: 7.77 min Scan# 924

Delta R.T. -0.03 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

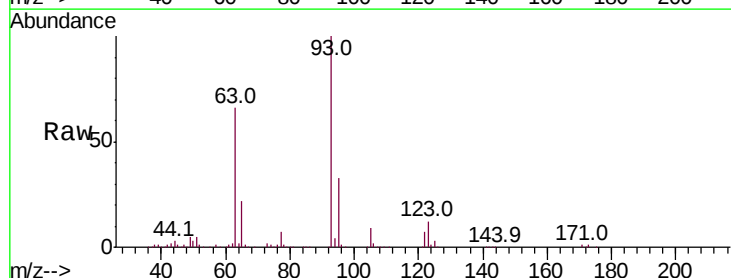
Tgt Ion:122 Resp: 225615

Ion Ratio Lower Upper

122 100

105 123.9 101.1 141.1

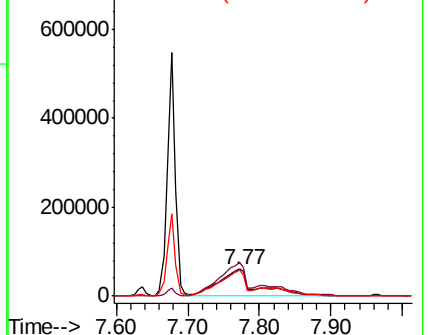
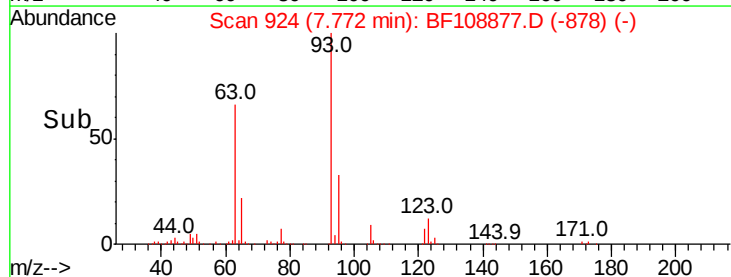
77 95.5 70.7 110.7

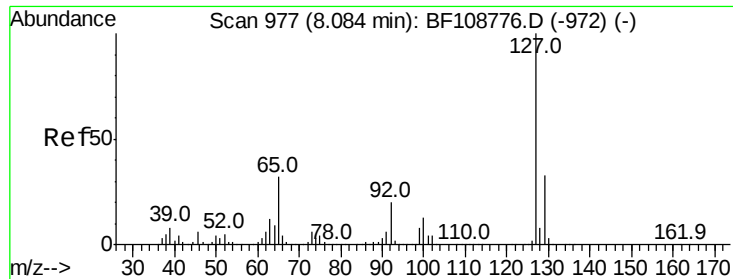


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





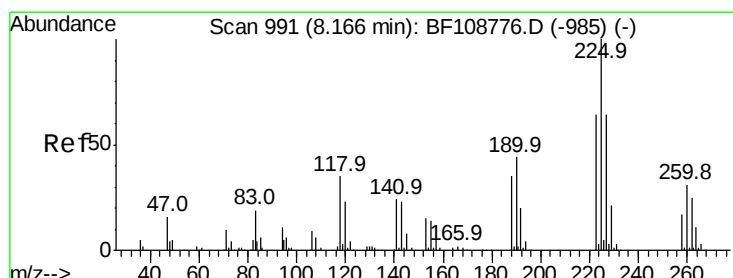
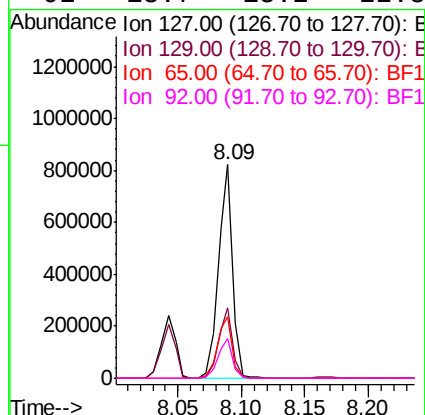
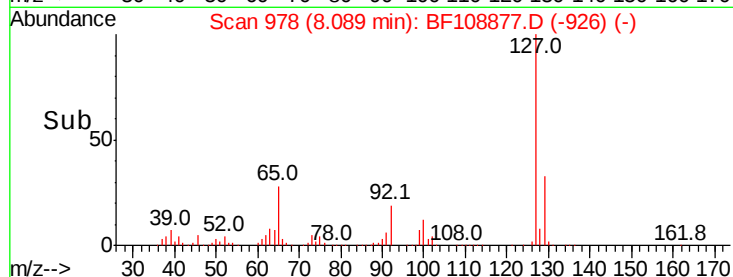
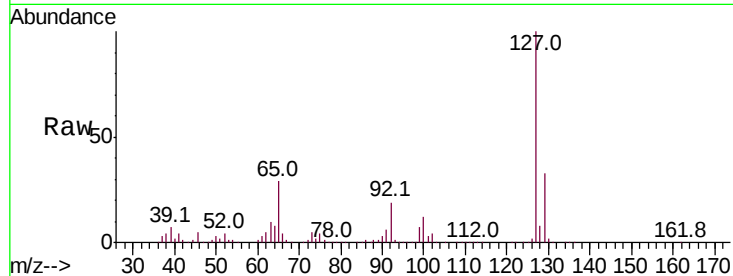
#33
4-Chloroaniline
Concen: 38.789 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	25.9	38.9	
65	29.0	25.0	37.4	
92	18.7	15.2	22.8	

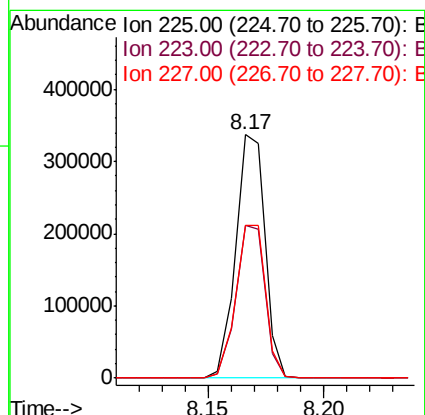
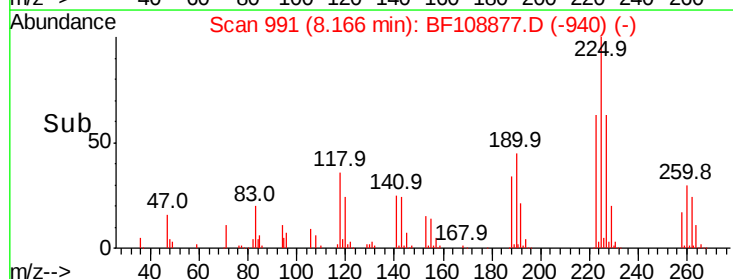
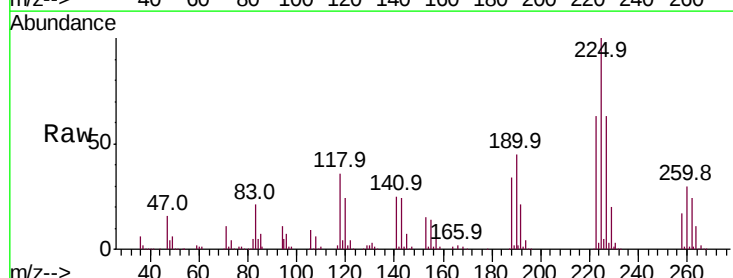
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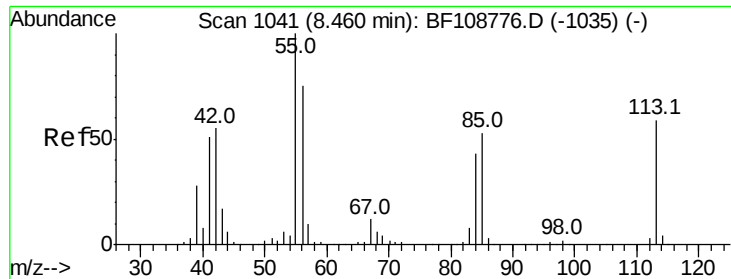
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#34
Hexachlorobutadiene
Concen: 40.187 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	50.6	76.0	
227	62.6	51.9	77.9	





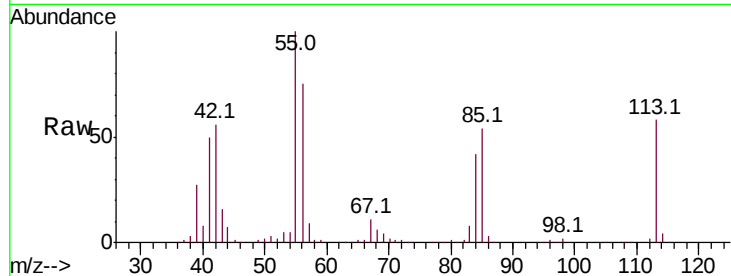
#35
 Caprolactam
 Concen: 36.568 ng
 RT: 8.45 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

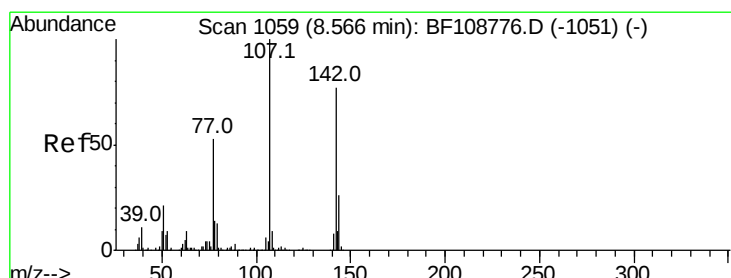
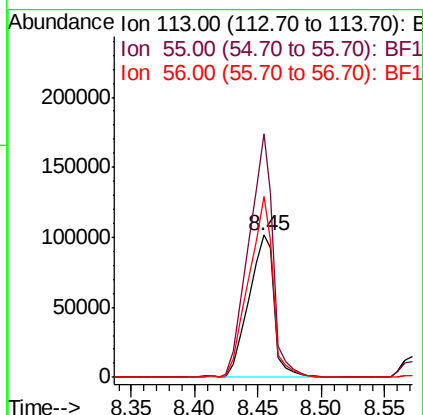
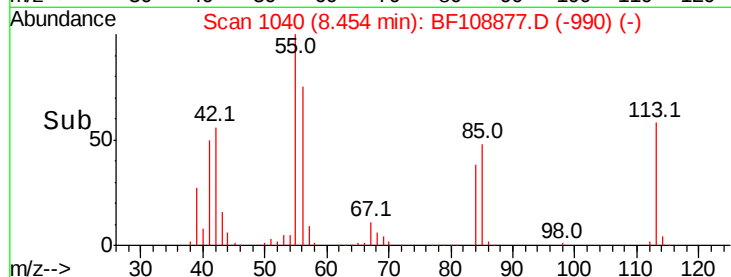
Tot Ion	Ratio	Lower	Upper
113	100		
55	171.6	163.3	203.3
56	127.9	115.7	155.7

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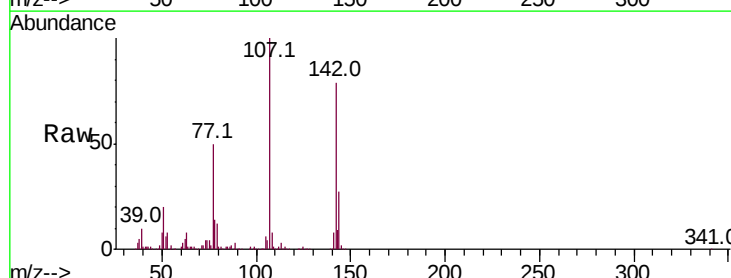


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

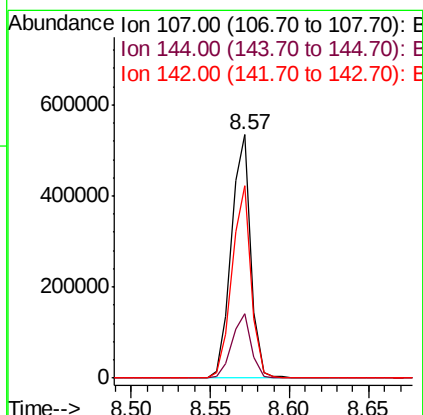
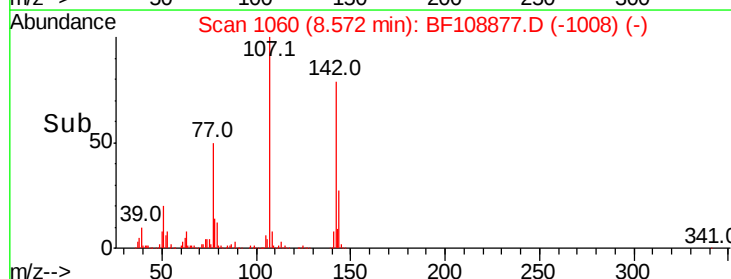


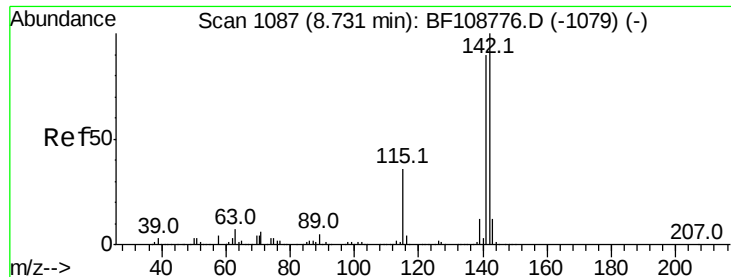
#36
 4-Chloro-3-methylphenol
 Concen: 37.272 ng
 RT: 8.57 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.5	30.7
142	79.0	62.0	93.0



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





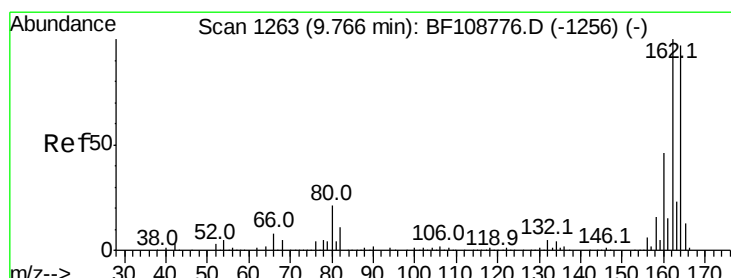
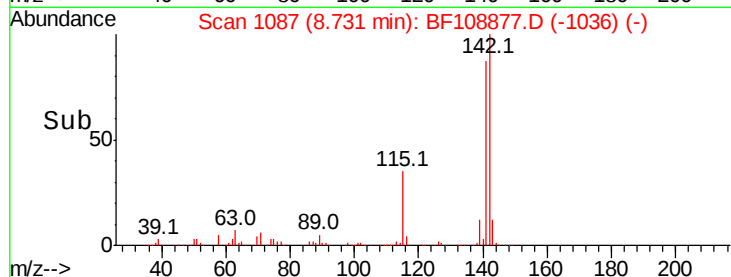
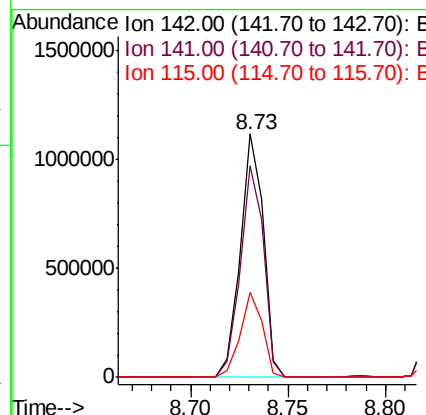
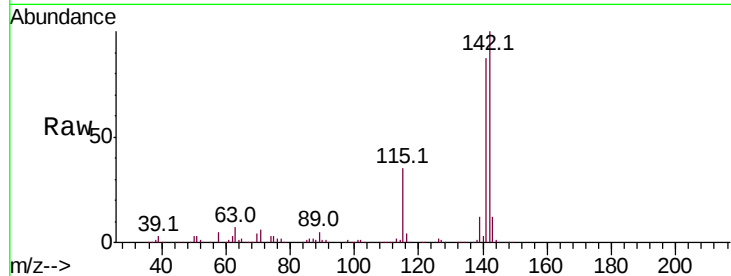
#37
2-Methylnaphthalene
Concen: 38.018 ng
RT: 8.73 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.8	106.2
115	34.7	26.1	39.1

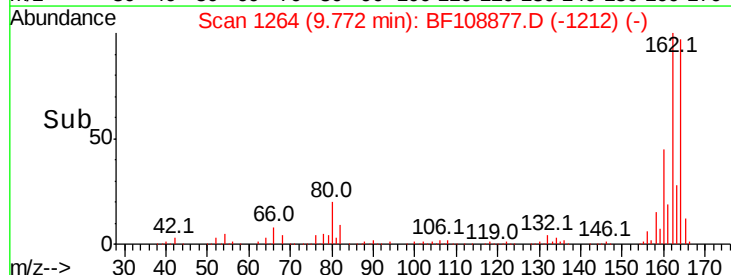
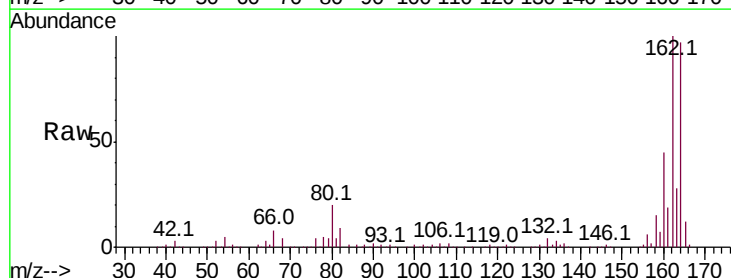
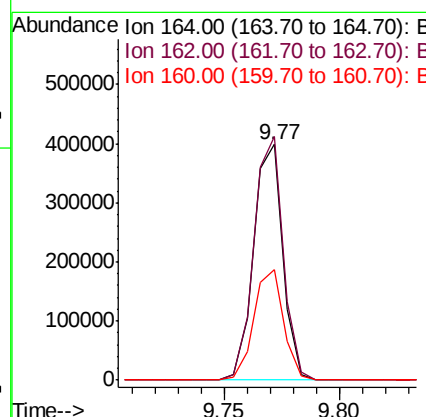
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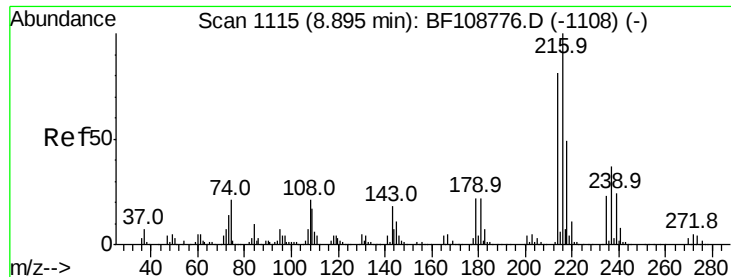
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.8	38.3	57.5





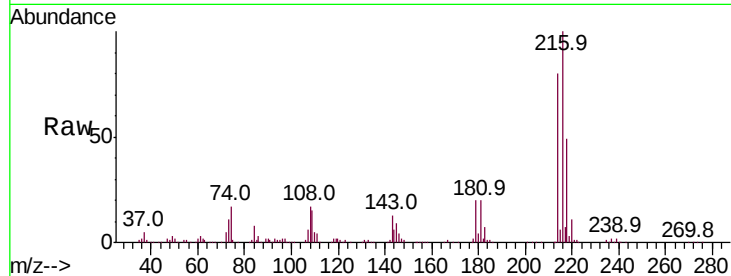
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.781 ng
 RT: 8.90 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

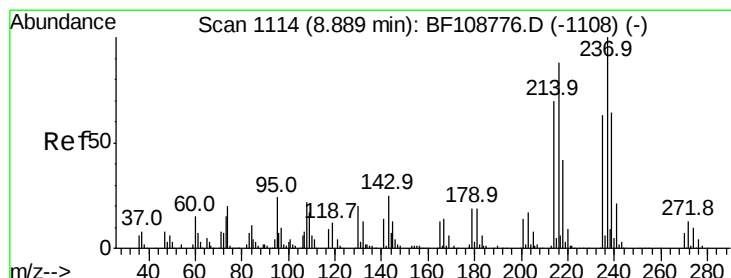
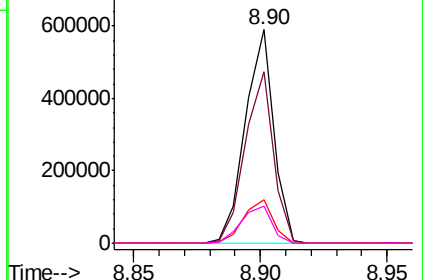
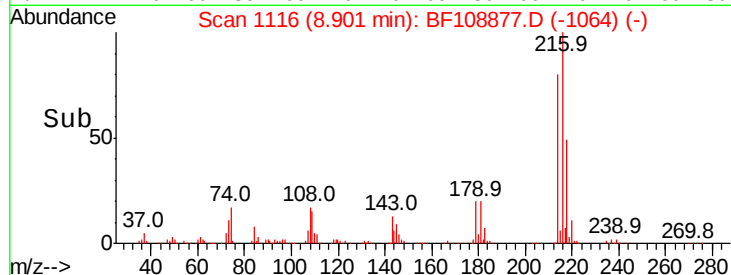
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.9	63.0	94.4
179	20.9	18.1	27.1
108	18.7	17.2	25.8

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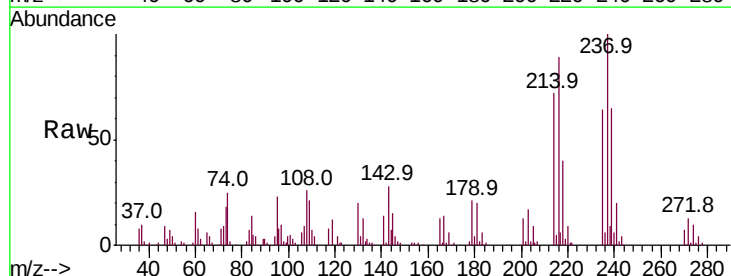


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

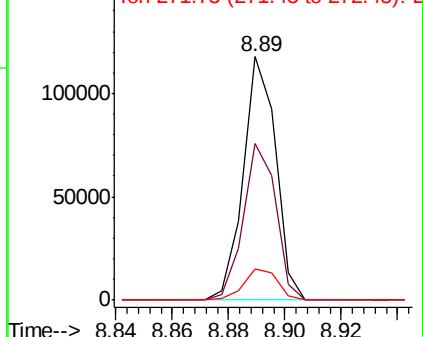
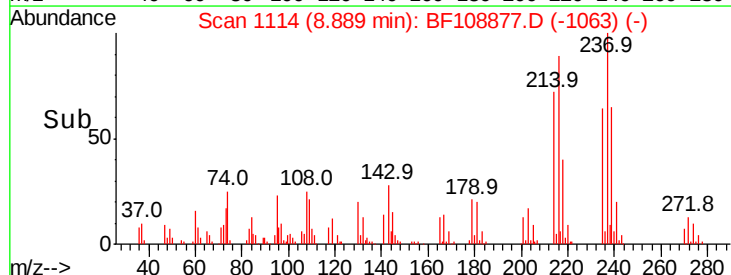


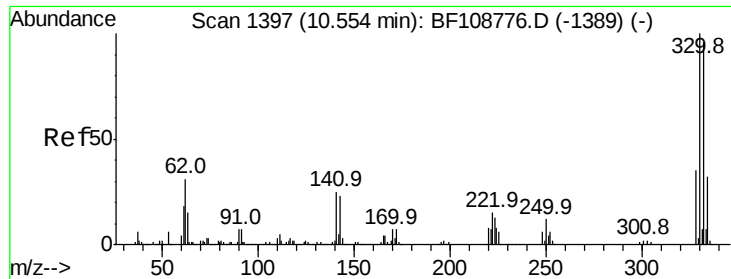
#40
 Hexachlorocyclopentadiene
 Concen: 17.686 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.2	44.8	84.8
272	12.9	0.0	33.3



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





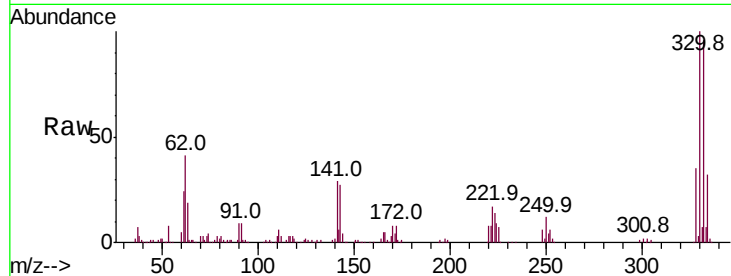
#41
 2,4,6-Tribromophenol
 Concen: 73.184 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

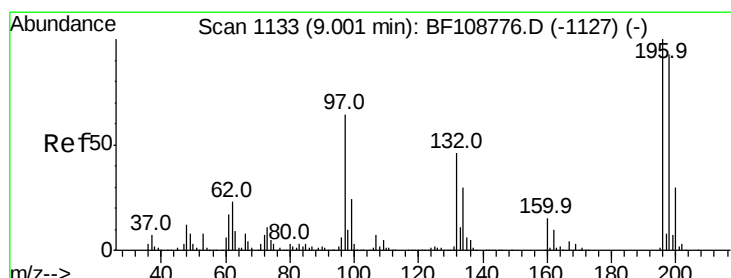
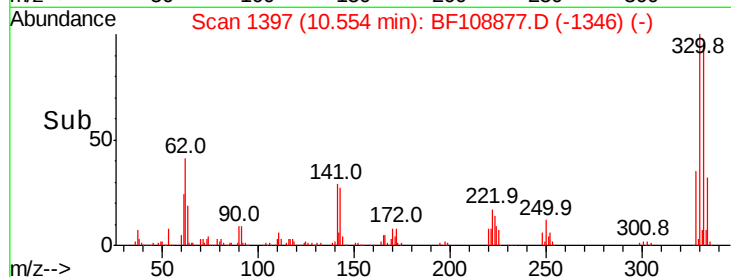
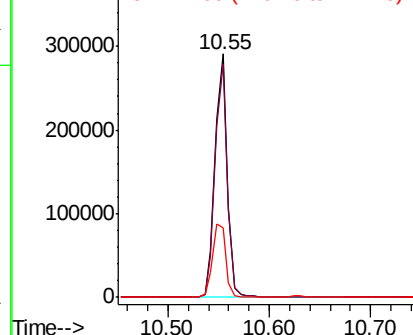
Tot Ion	Ratio	Resp	Lower	Upper
330	100	246978		
332	95.8	77.0	115.6	
141	32.6	29.9	44.9	

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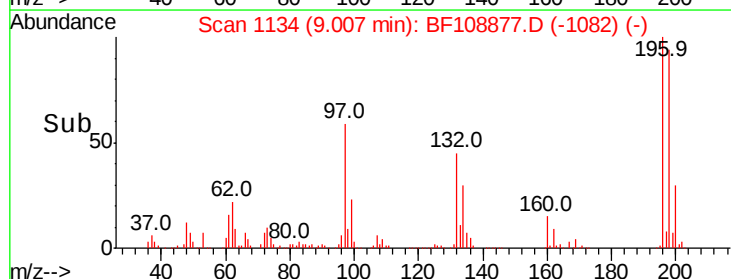
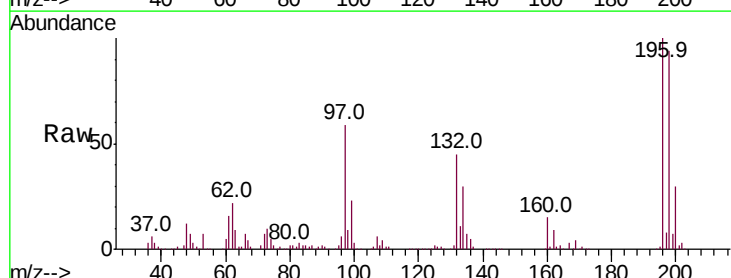
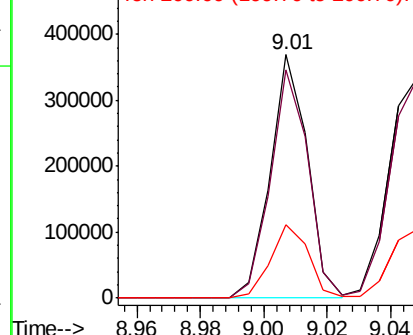
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

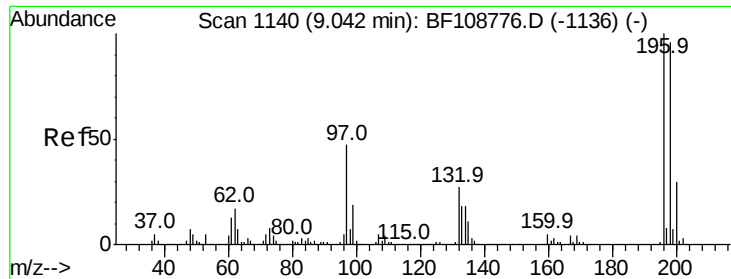


#42
 2,4,6-Trichlorophenol
 Concen: 41.917 ng
 RT: 9.01 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	301708		
198	93.9	75.7	113.5	
200	30.3	24.5	36.7	

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





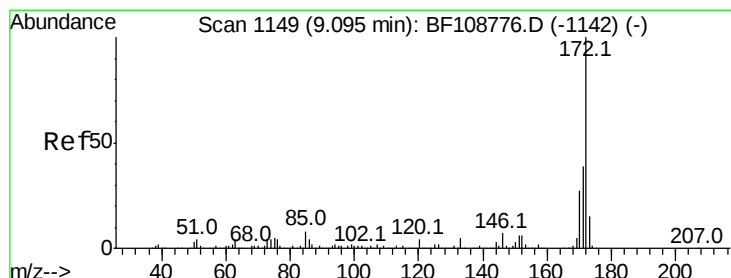
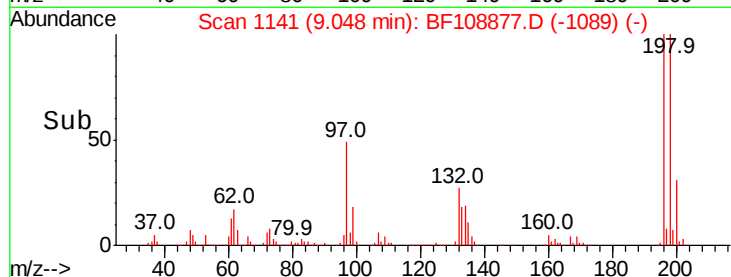
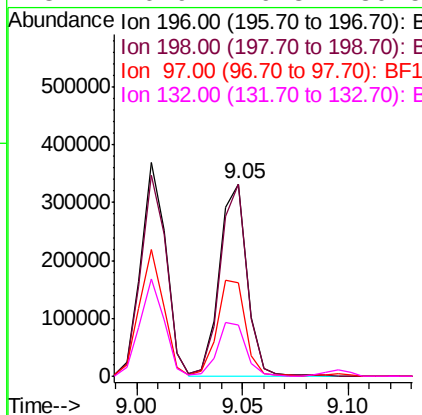
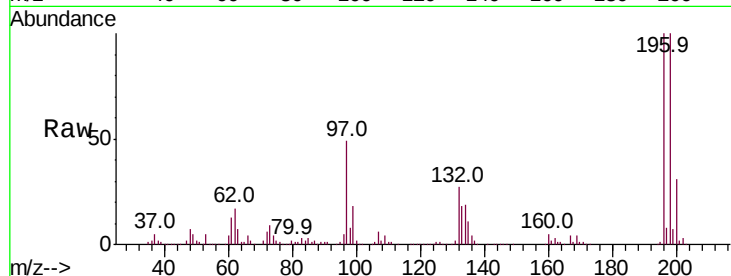
#43
 2,4,5-Trichlorophenol
 Concen: 40.495 ng
 RT: 9.05 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	302134
Ion Ratio	Lower	Upper	
196	100		
198	99.8	74.6	112.0
97	48.7	42.9	64.3
132	26.9	26.3	39.5

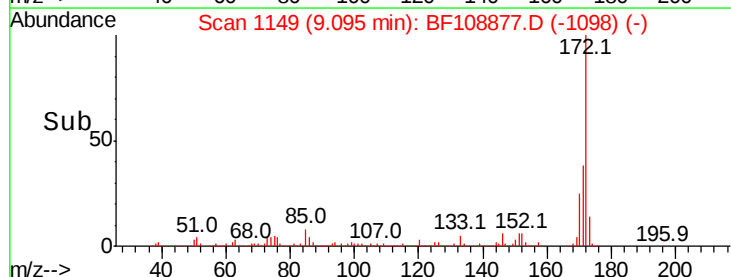
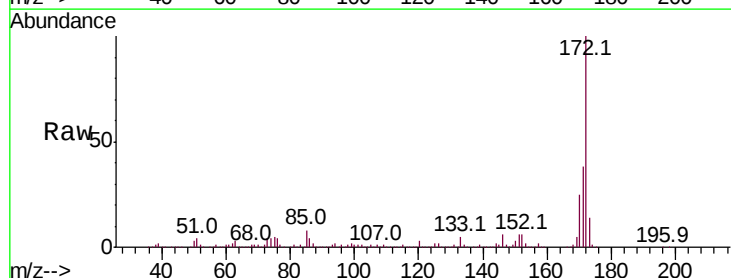
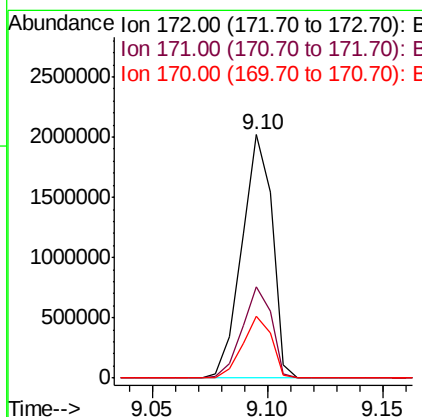
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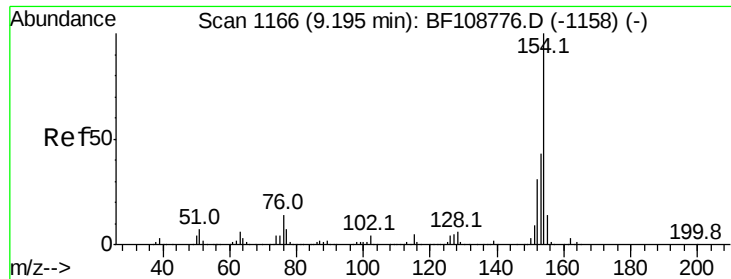
Sohil
 9/10/2018 10:39:46 AM



#44
 2-Fluorobiphenyl
 Concen: 89.470 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Tgt Ion:	172	Resp:	1853958
Ion Ratio	Lower	Upper	
172	100		
171	37.7	29.7	44.5
170	25.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 42.072 ng

RT: 9.20 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1145007

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

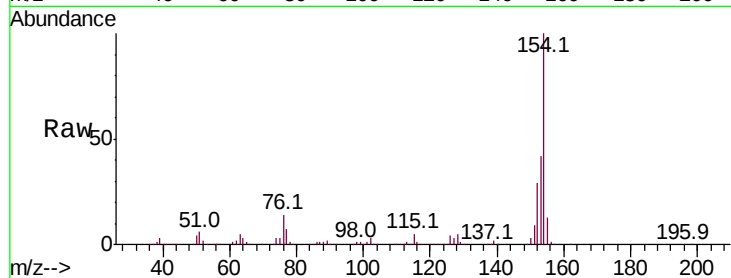
76 14.1 0.0 34.0

Manual Integrations

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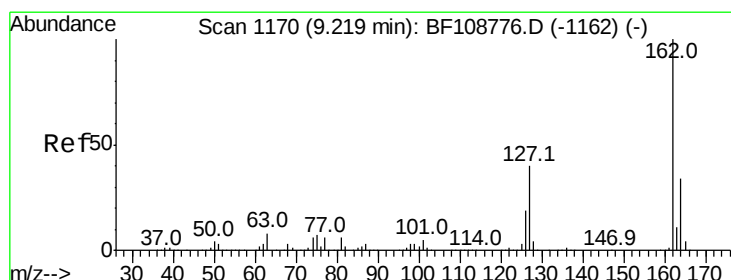
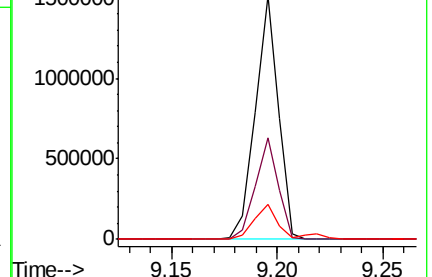
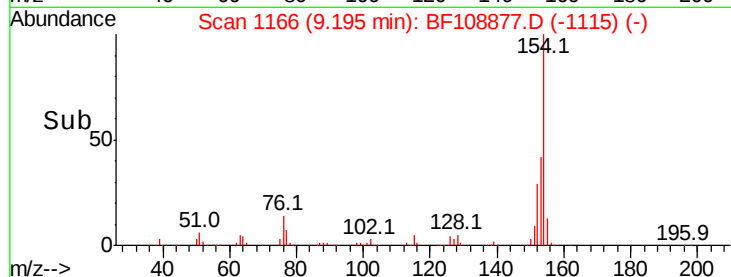
9/10/2018 10:39:46 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 41.668 ng

RT: 9.22 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

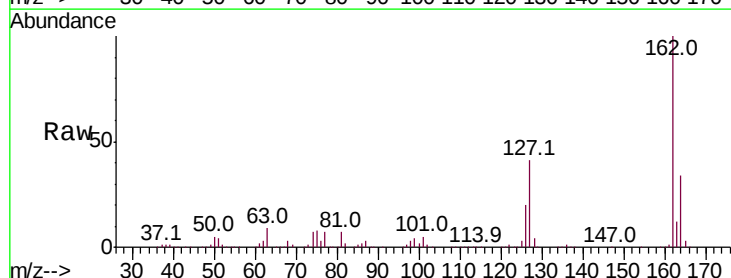
Tgt Ion:162 Resp: 917134

Ion Ratio Lower Upper

162 100

127 40.8 33.9 50.9

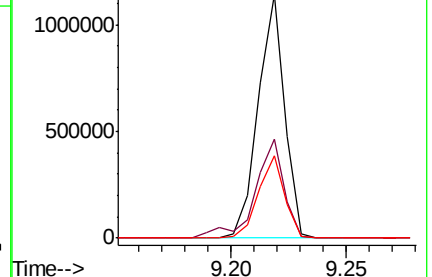
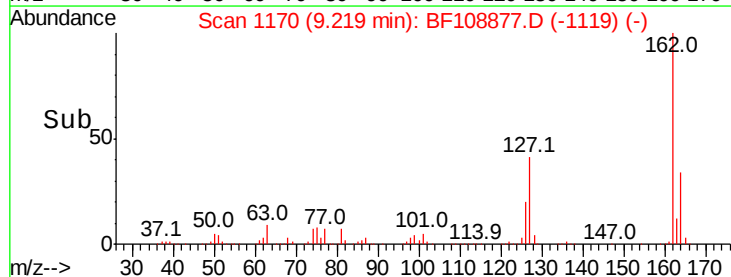
164 33.8 26.5 39.7

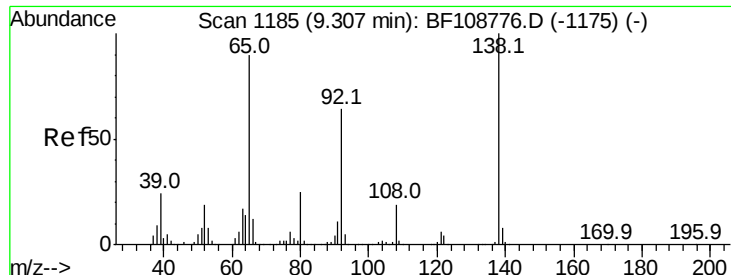


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





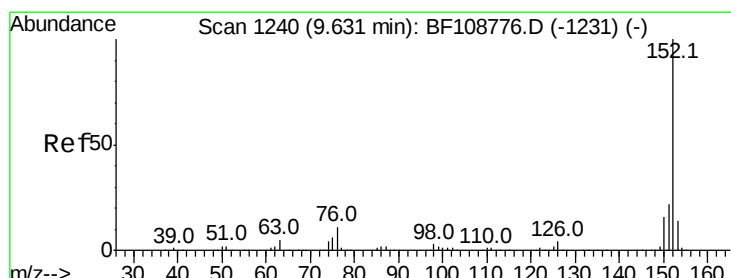
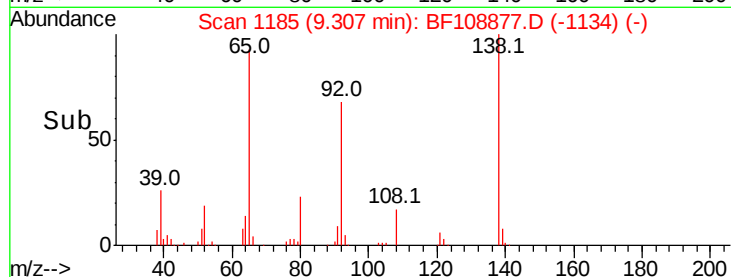
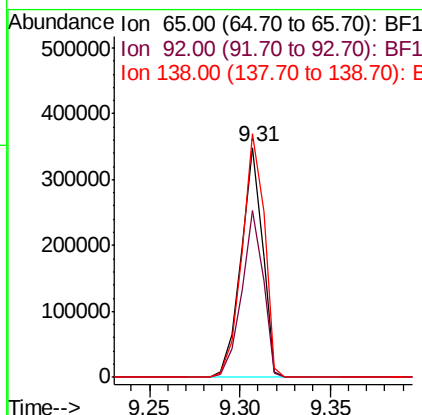
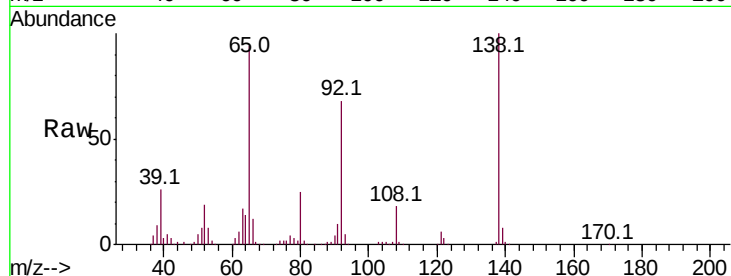
#47
2-Nitroaniline
Concen: 47.836 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.7	55.8	83.6
138	106.1	91.2	136.8

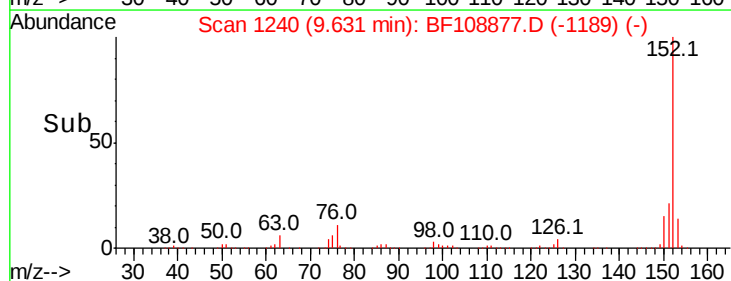
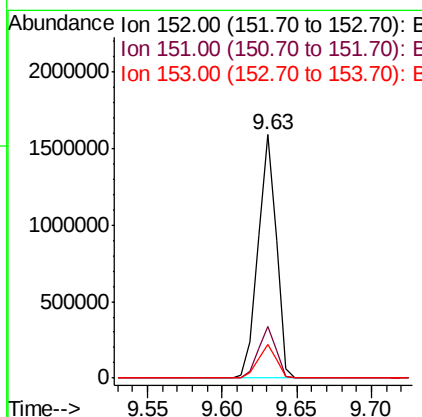
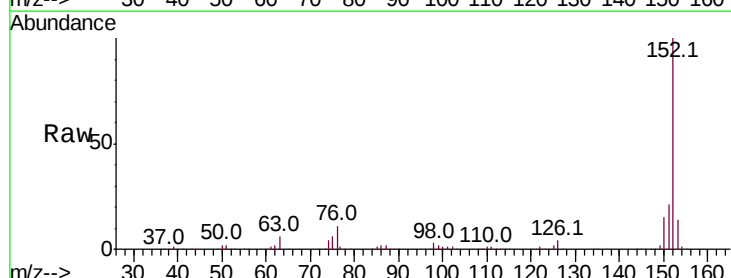
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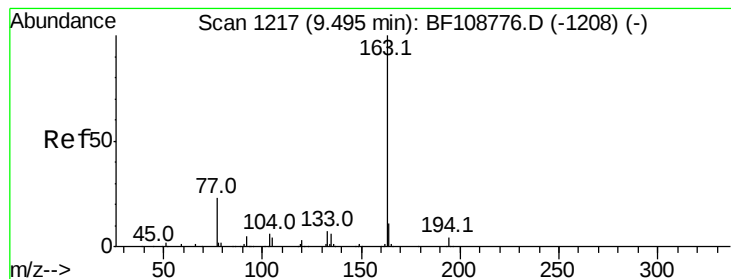
Sohil
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#48
Acenaphthylene
Concen: 40.457 ng
RT: 9.63 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.9	10.7	16.1





#49

Dimethylphthalate

Concen: 41.151 ng

RT: 9.50 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:163 Resp: 1017470

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

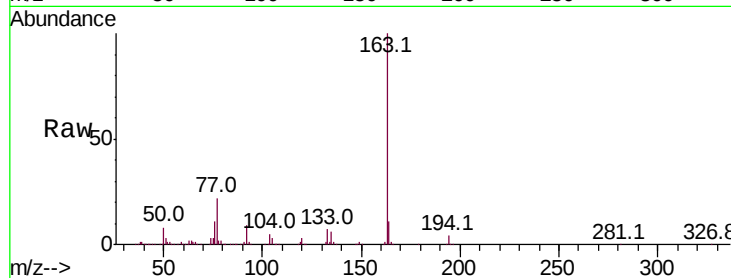
164 10.5 8.2 12.2

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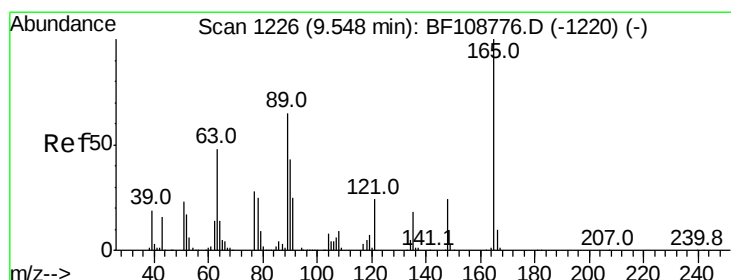
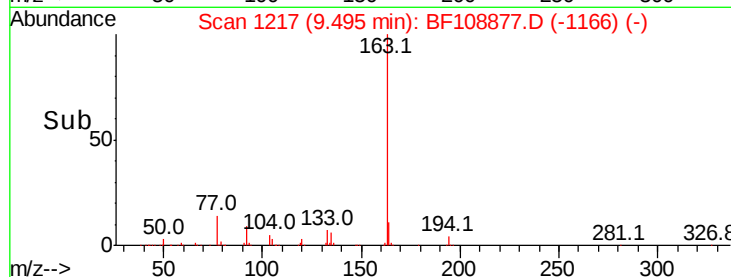
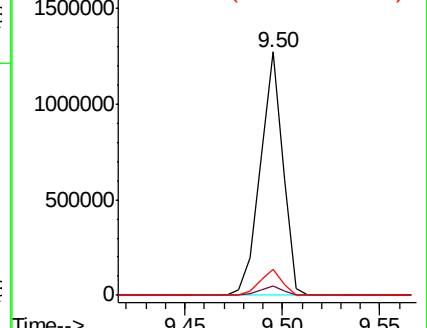
9/10/2018 10:39:46 AM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.141 ng

RT: 9.55 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

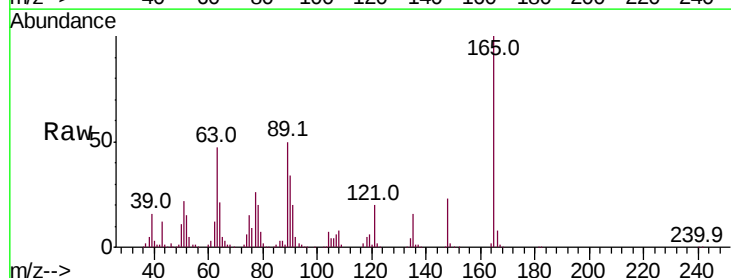
Tgt Ion:165 Resp: 222101

Ion Ratio Lower Upper

165 100

63 46.6 44.7 67.1

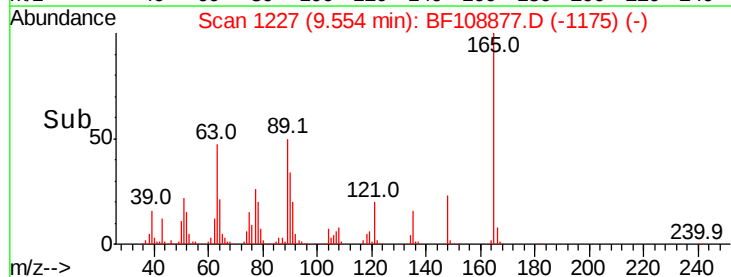
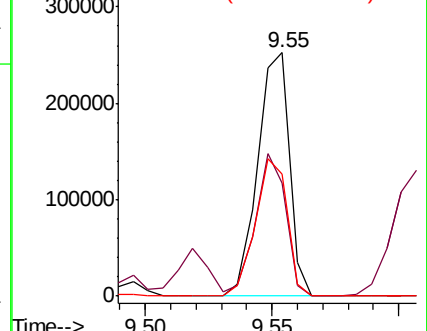
89 50.2 44.0 66.0

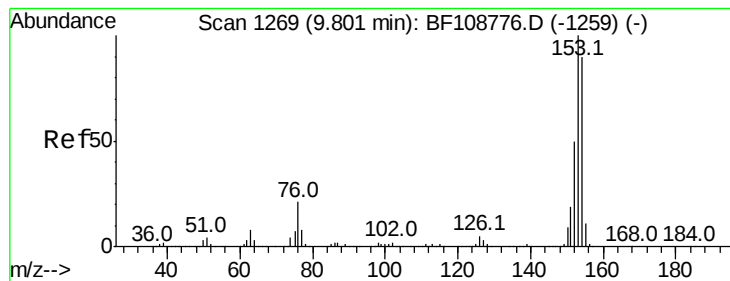


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.963 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Instrument :

BNA_F

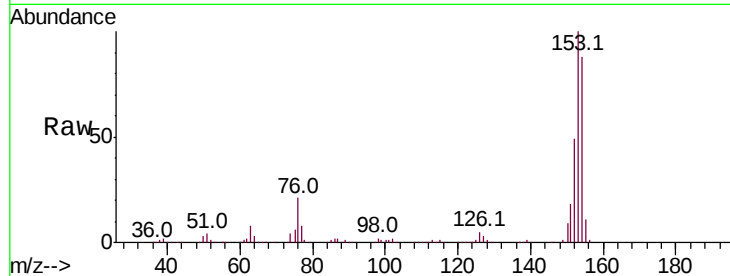
ClientSampleId :

SSTDCCC040

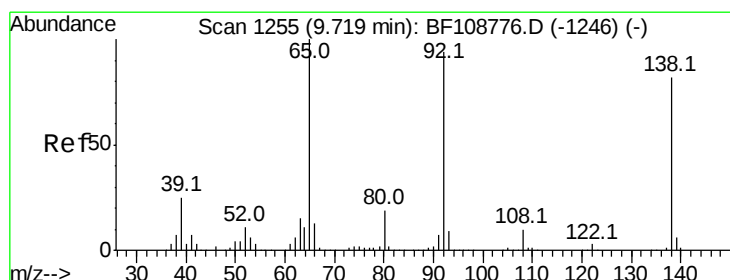
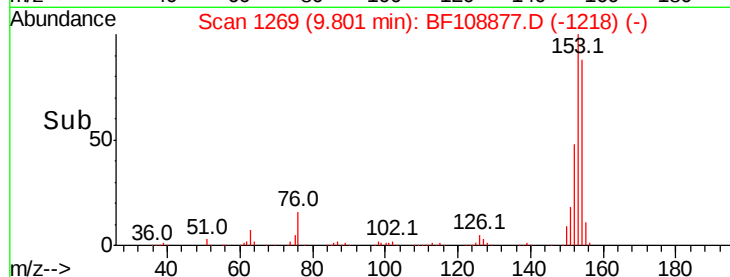
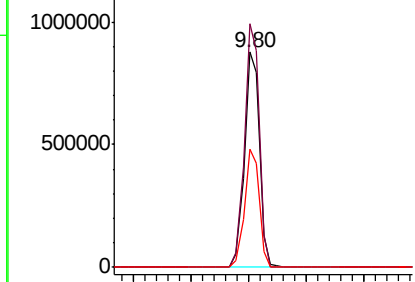
Tot Ion:	154	Resp:	791052
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.2	136.8
152	54.9	43.8	65.8

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



#52

3-Nitroaniline

Concen: 46.439 ng

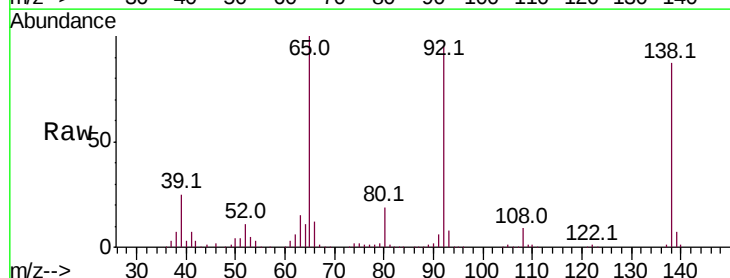
RT: 9.72 min Scan# 1255

Delta R.T. -0.00 min

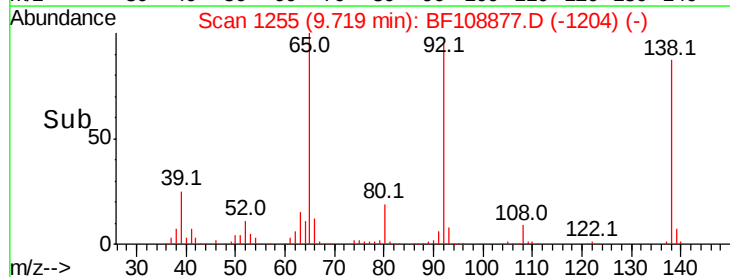
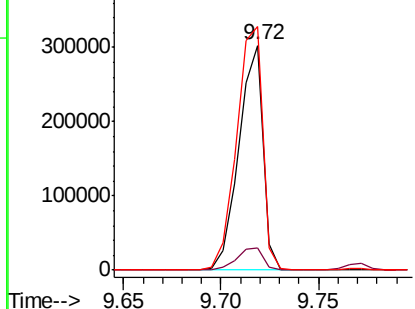
Lab File: BF108877.D

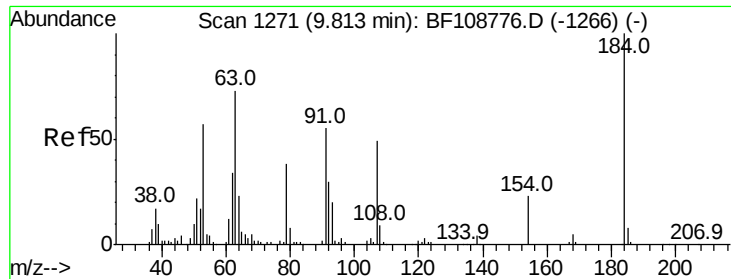
Acq: 7 Sep 2018 23:09

Tgt Ion:	138	Resp:	260446
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	108.5	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





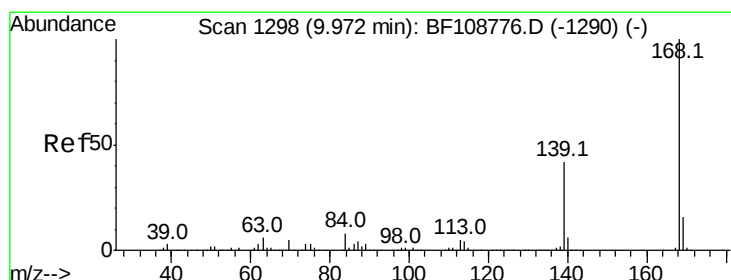
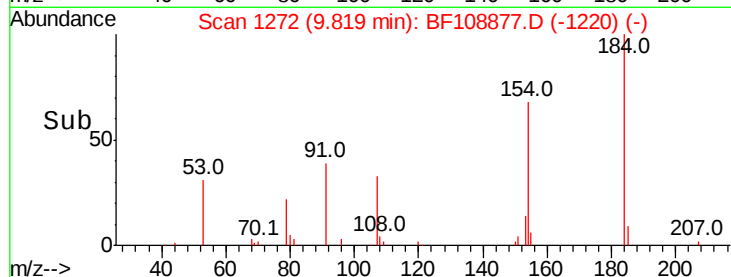
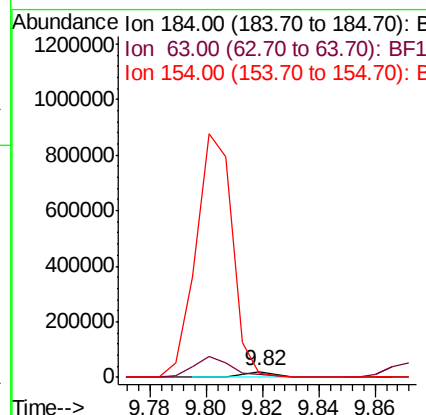
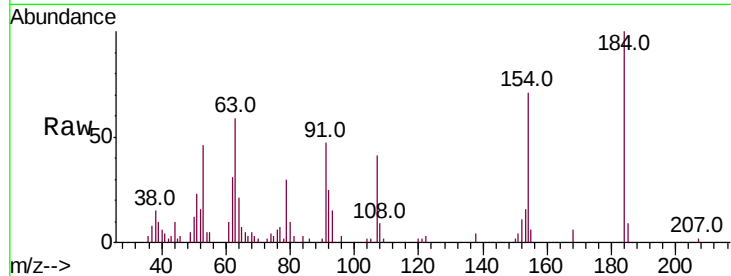
#53
 2,4-Dinitrophenol
 Concen: 17.221 ng
 RT: 9.82 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.8	54.2	81.2
154	71.1	184.0	276.0#

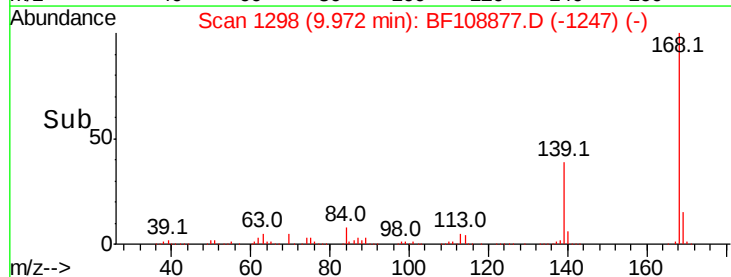
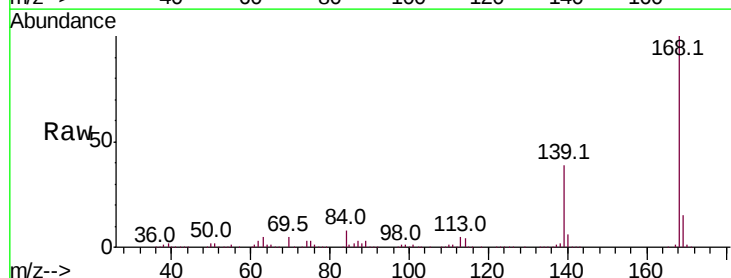
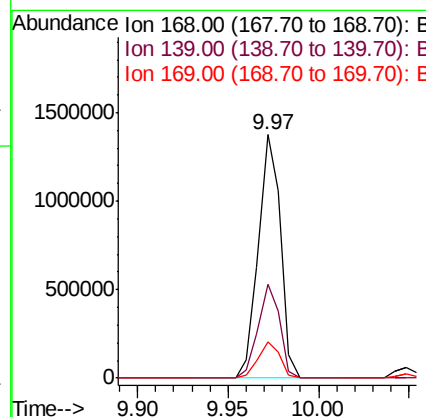
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#54
 Dibenzofuran
 Concen: 39.459 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	14.9	10.9	16.3





#55

4-Nitrophenol

Concen: 36.475 ng

RT: 9.87 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Instrument :

BNA_F

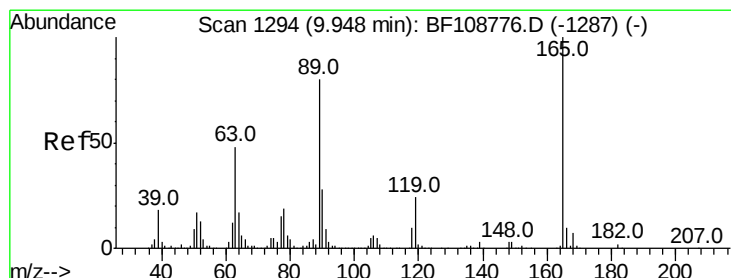
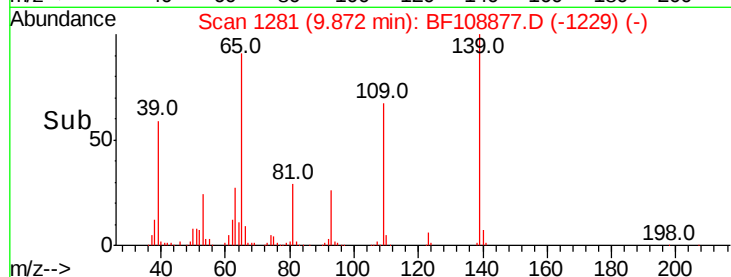
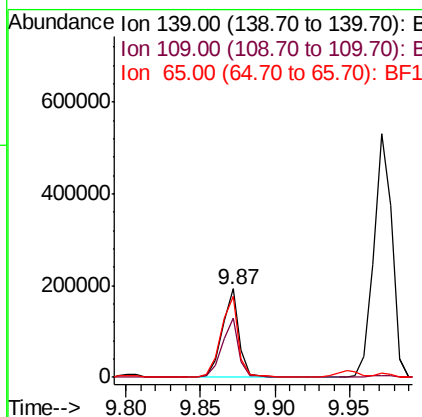
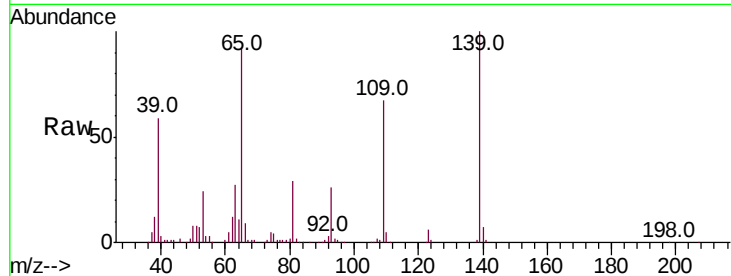
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	152930
Ion Ratio	Lower	Upper	
139	100		
109	66.9	48.4	88.4
65	91.6	72.6	112.6

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 43.678 ng

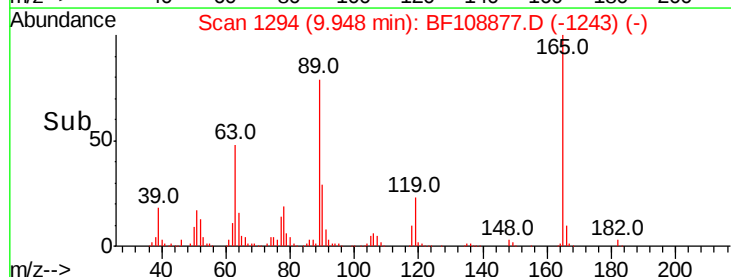
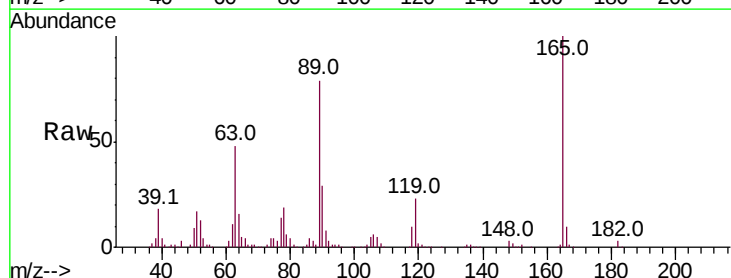
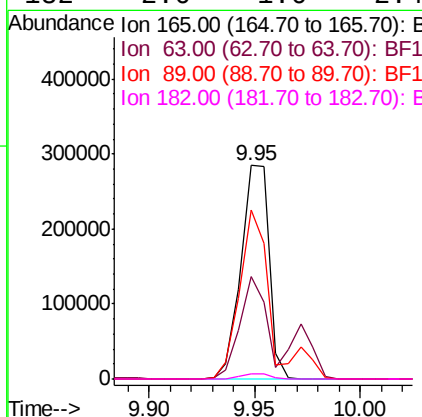
RT: 9.95 min Scan# 1294

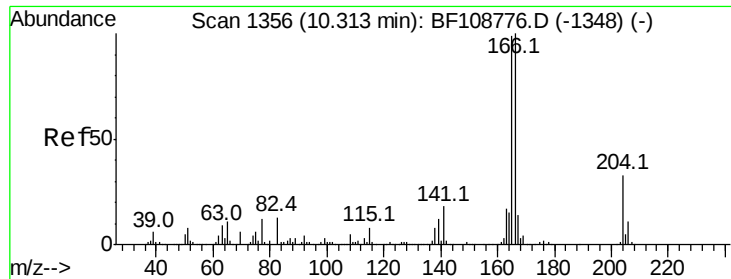
Delta R.T. -0.00 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Tgt Ion:	165	Resp:	263167
Ion Ratio	Lower	Upper	
165	100		
63	48.1	36.4	54.6
89	79.0	57.8	86.6
182	2.6	1.6	2.4#





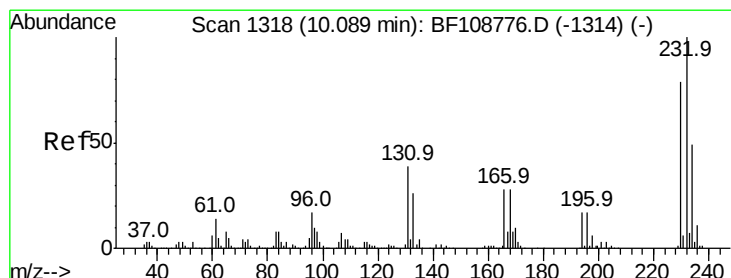
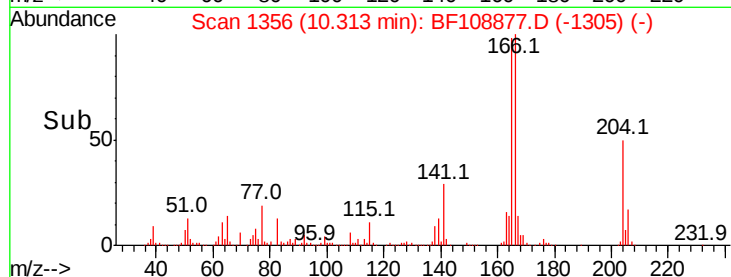
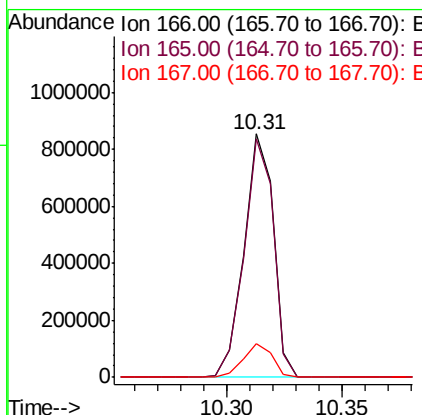
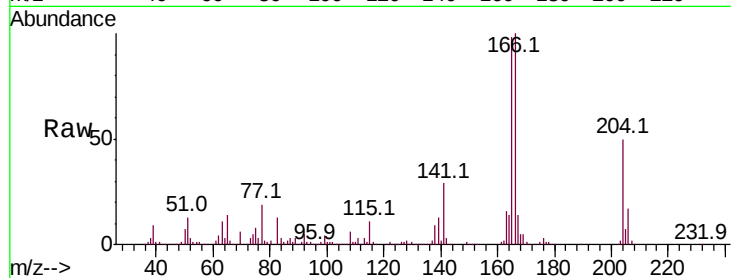
#57
 Fluorene
 Concen: 40.121 ng
 RT: 10.31 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	761965		
165	98.0		79.8	119.8
167	13.7		10.6	16.0

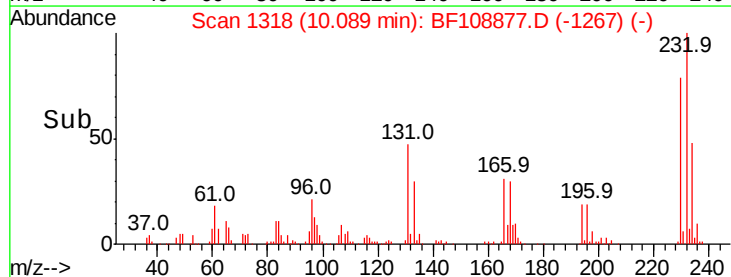
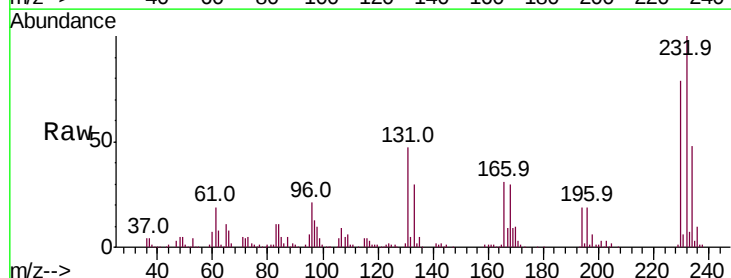
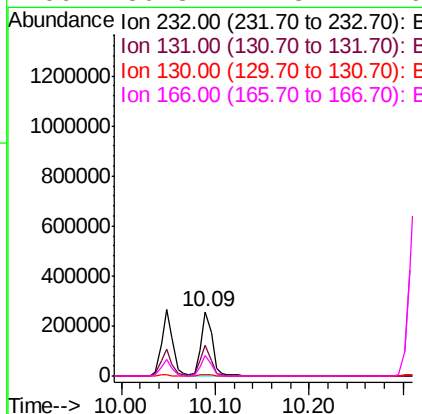
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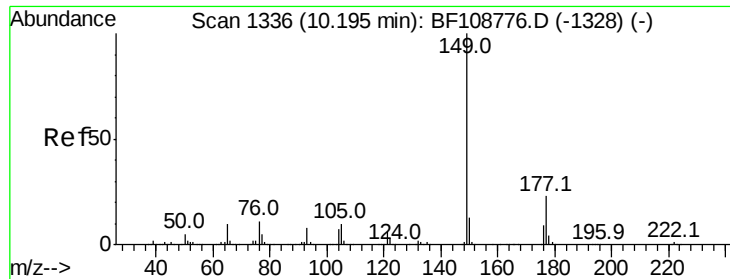
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.874 ng
 RT: 10.09 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	215843		
131	44.7		43.8	65.8
130	2.1		2.1	3.1
166	30.3		27.8	41.6





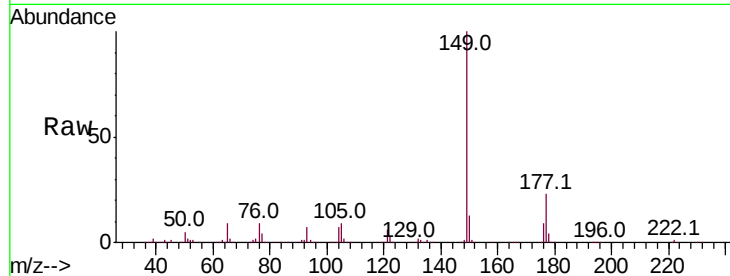
#59
Diethylphthalate
Concen: 38.783 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

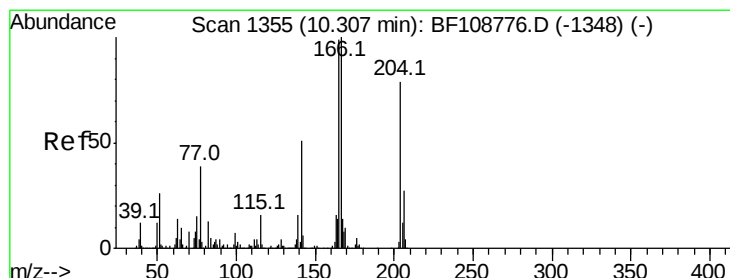
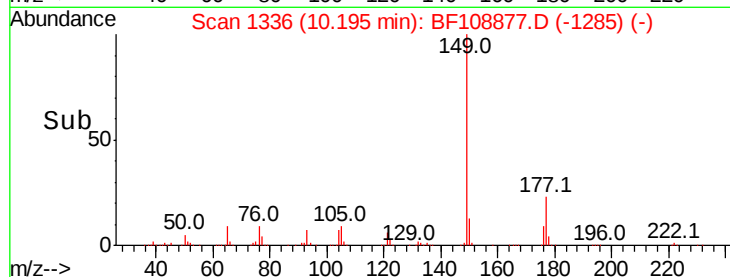
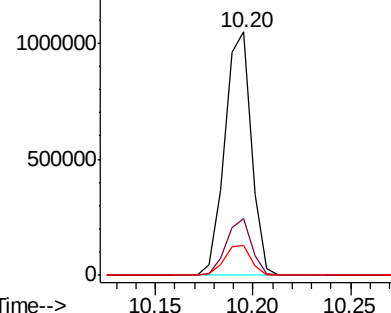
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.3		16.1	24.1
150	12.5		10.1	15.1

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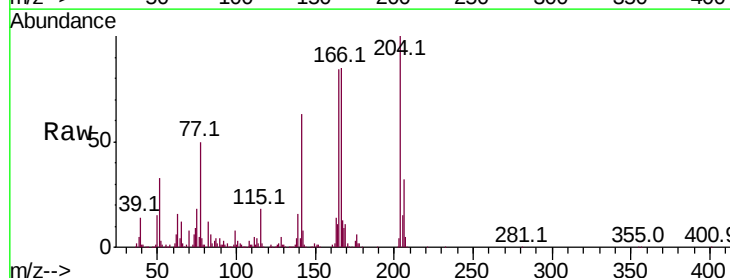


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

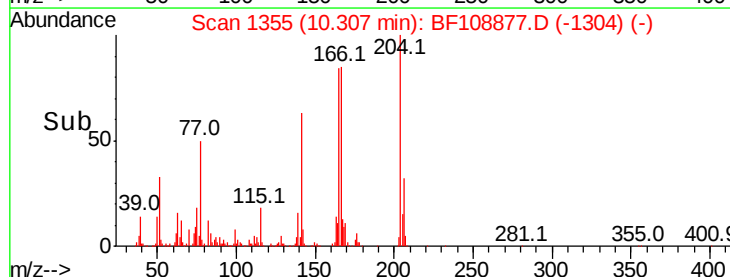
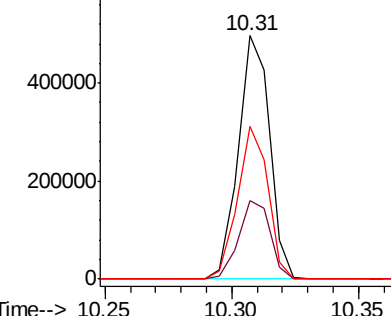


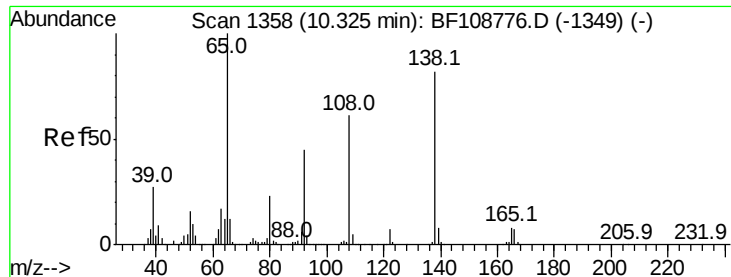
#60
4-Chlorophenyl-phenylether
Concen: 42.270 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.3		26.5	39.7
141	62.7		54.6	81.8



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





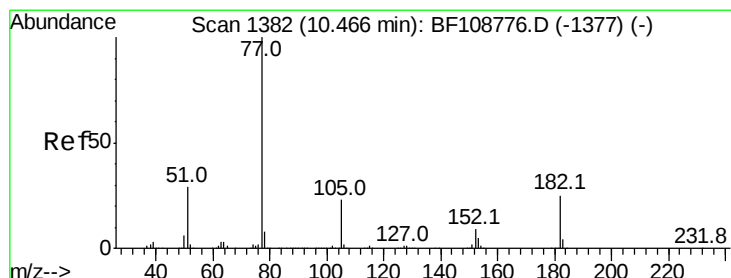
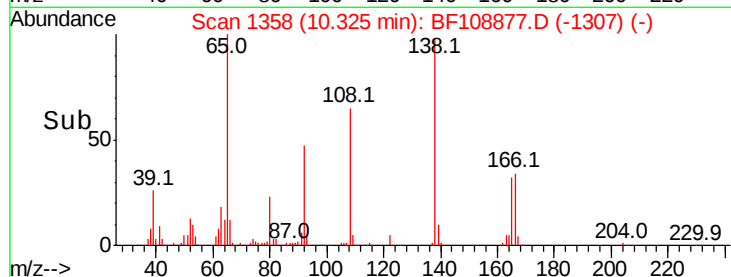
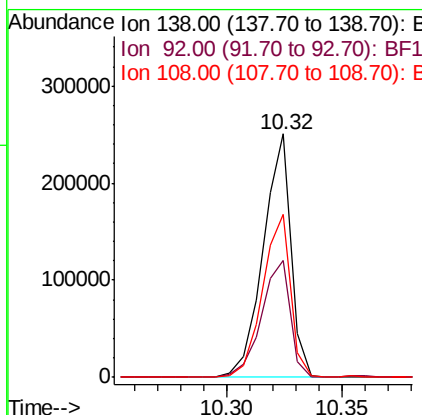
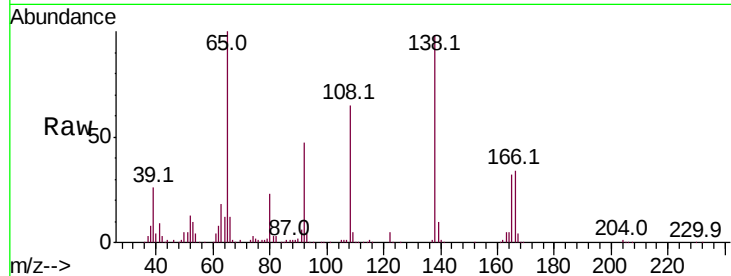
#61
4-Nitroaniline
Concen: 41.449 ng
RT: 10.32 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.8	30.2	70.2
108	66.8	52.5	92.5

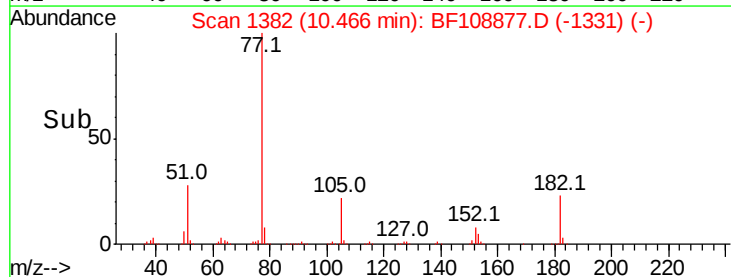
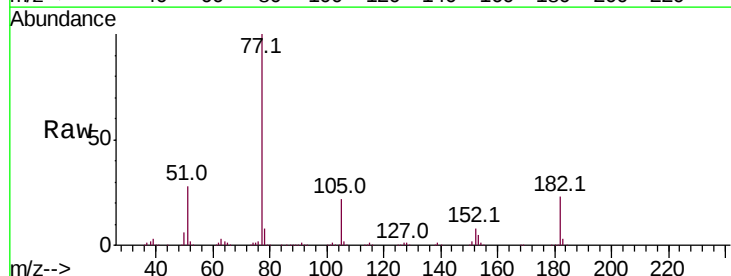
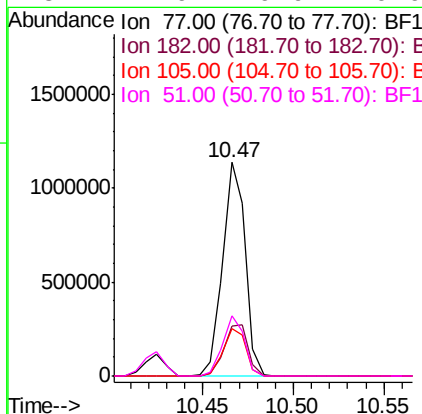
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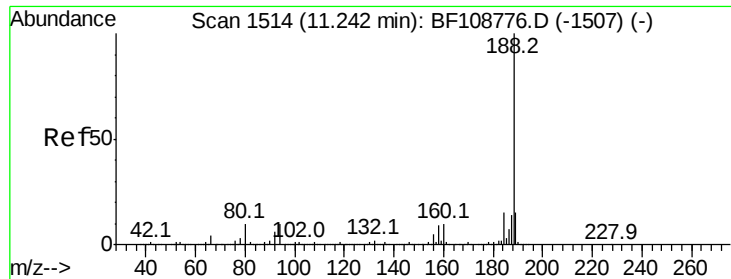
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#62
Azobenzene
Concen: 37.276 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.4	1.7	41.7
105	22.4	3.0	43.0
51	27.9	9.9	49.9





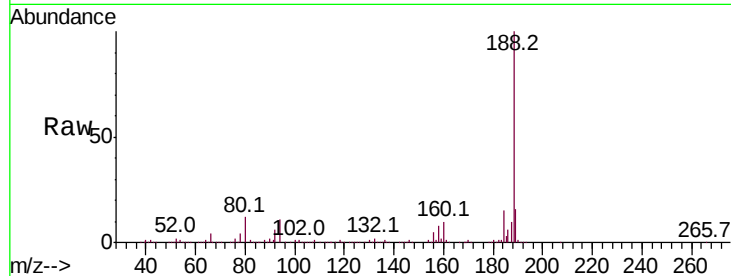
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

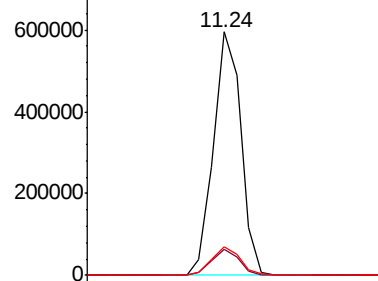
Tot Ion:188	Resp:	535507
Ion Ratio	Lower	Upper
188 100		
94 10.9	8.5	12.7
80 11.6	9.2	13.8

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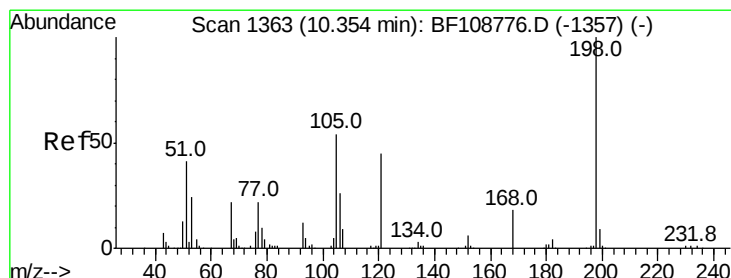
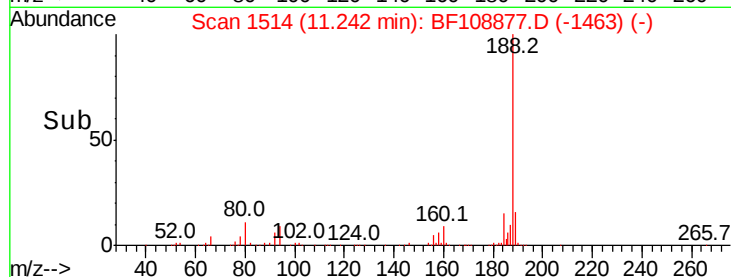
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Abundance Ion 188.00 (187.70 to 188.70): E
800000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

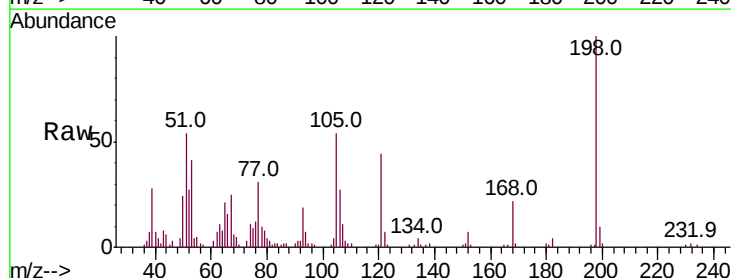


Time--> 11.20 11.25 11.30

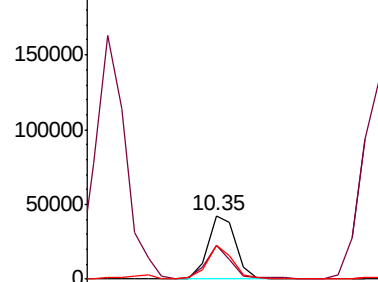


#64
4,6-Dinitro-2-methylphenol
Concen: 21.523 ng
RT: 10.35 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

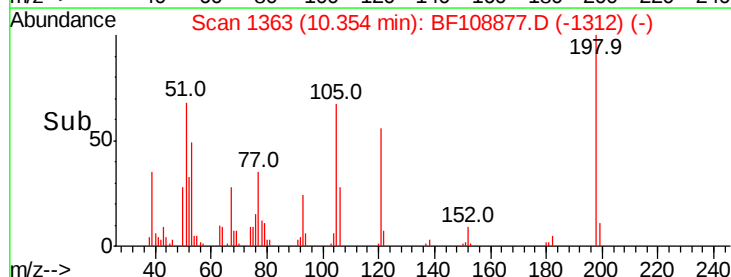
Tgt Ion:198	Resp:	36013
Ion Ratio	Lower	Upper
198 100		
51 54.0	37.7	77.7
105 53.7	36.3	76.3

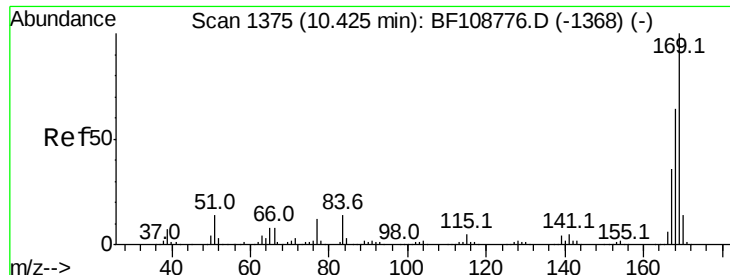


Abundance Ion 198.00 (197.70 to 198.70): E
200000
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



Time--> 10.30 10.35 10.40





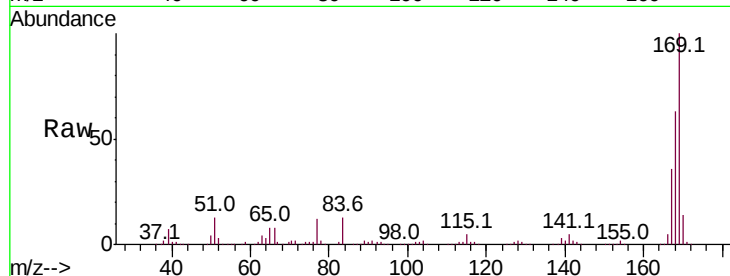
#65
 n-Nitrosodiphenylamine
 Concen: 46.306 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

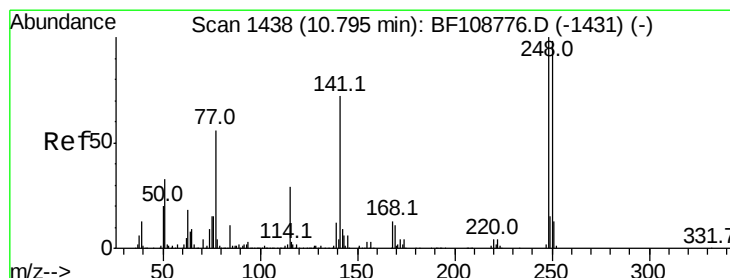
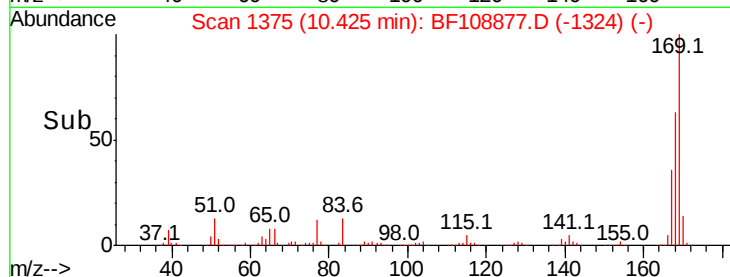
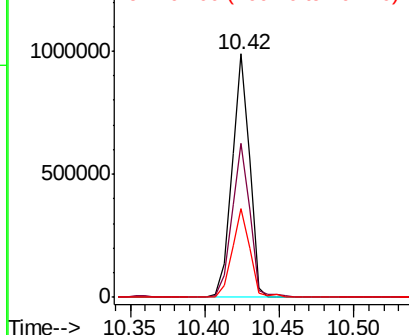
Tot Ion	Ratio	Resp	Lower	Upper
169	100	824458		
168	63.5		54.4	81.6
167	36.2		29.8	44.6

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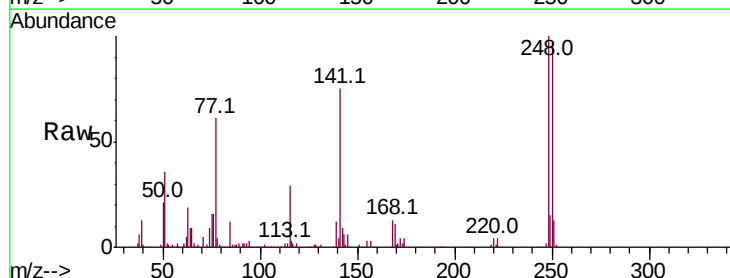


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

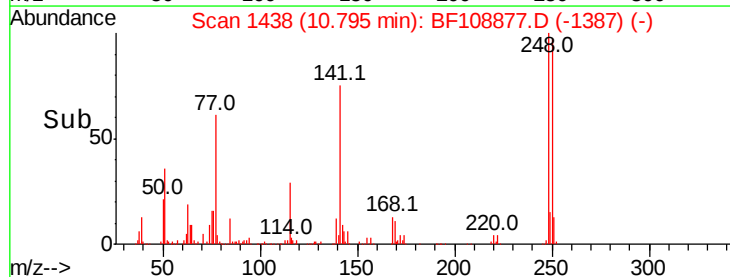
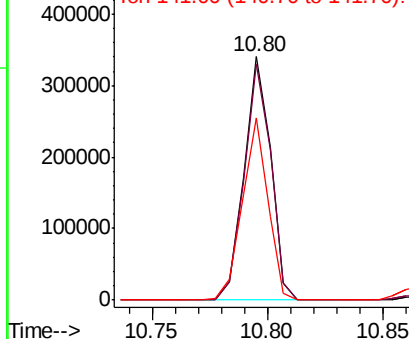


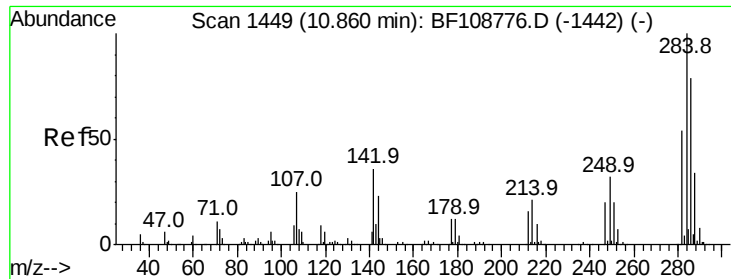
#66
 4-Bromophenyl-phenylether
 Concen: 45.403 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	274610		
250	96.8		76.9	115.3
141	75.1		74.4	111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





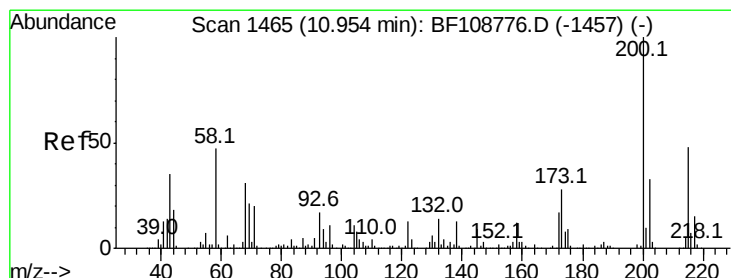
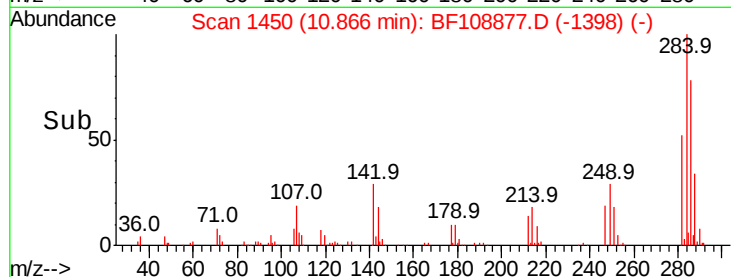
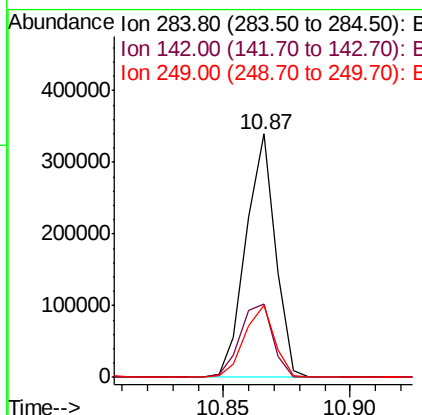
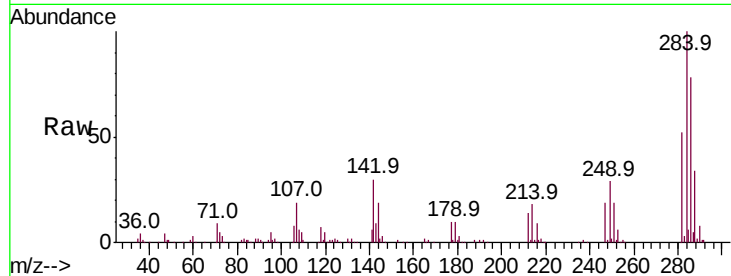
#67
Hexachlorobenzene
Concen: 42.592 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.3	34.6	52.0	
249	29.4	24.8	37.2	

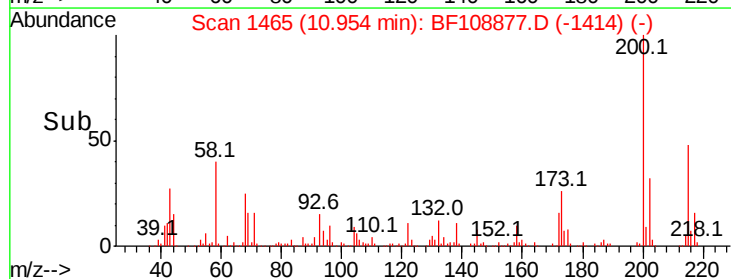
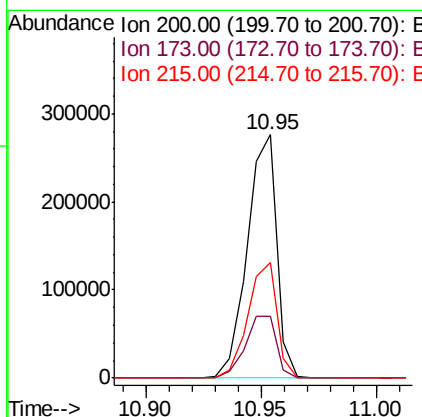
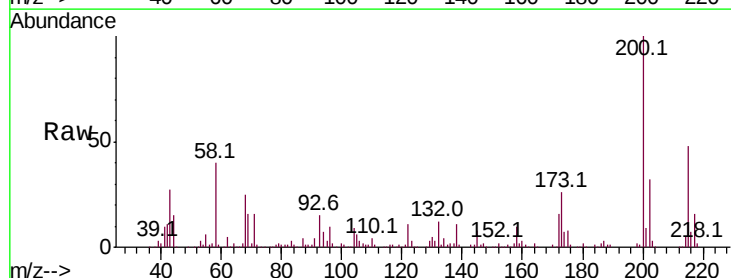
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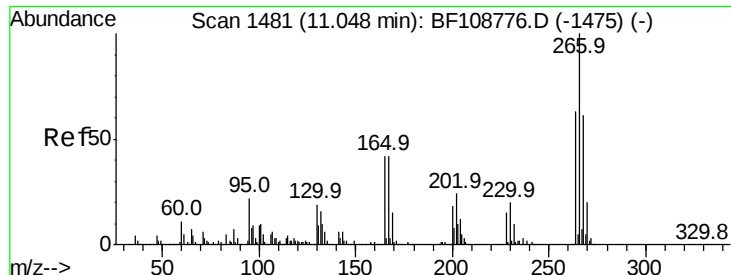
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#68
Atrazine
Concen: 43.231 ng
RT: 10.95 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.6	8.6	48.6	
215	47.6	25.1	65.1	





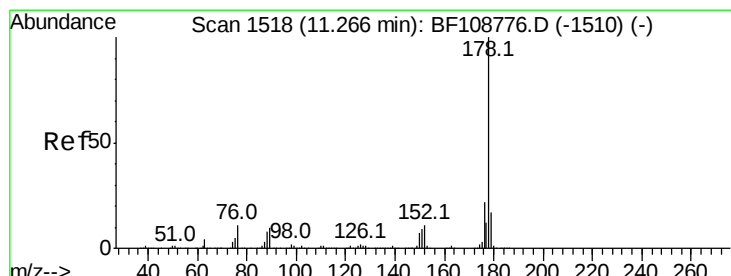
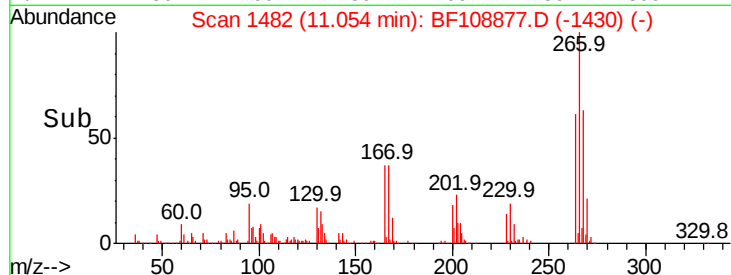
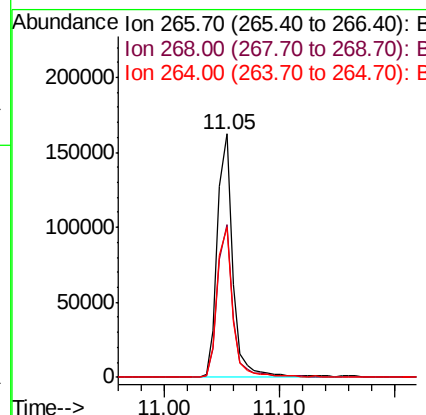
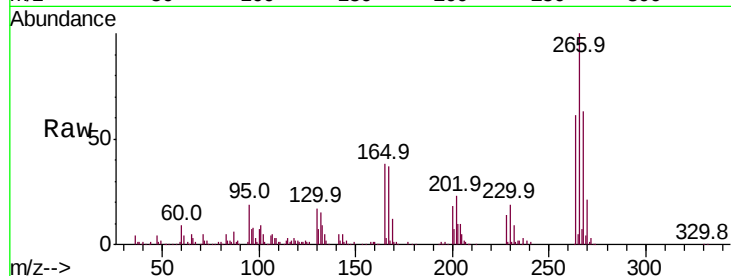
#69
 Pentachlorophenol
 Concen: 38.819 ng
 RT: 11.05 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.9	51.1	76.7	
264	61.5	49.5	74.3	

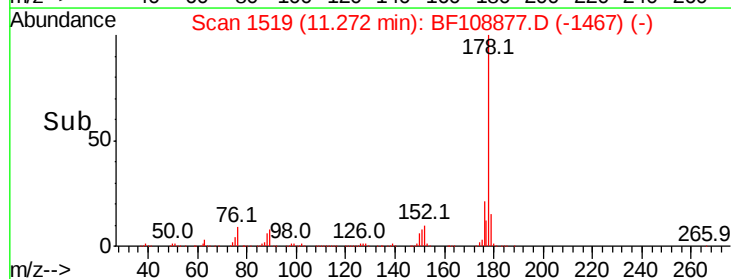
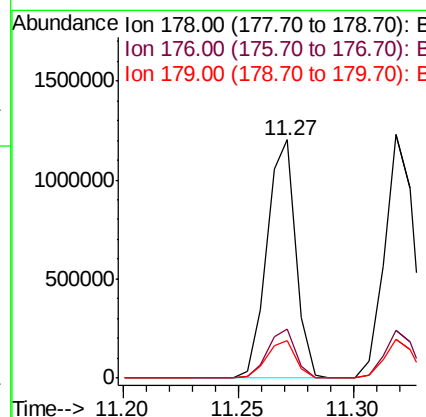
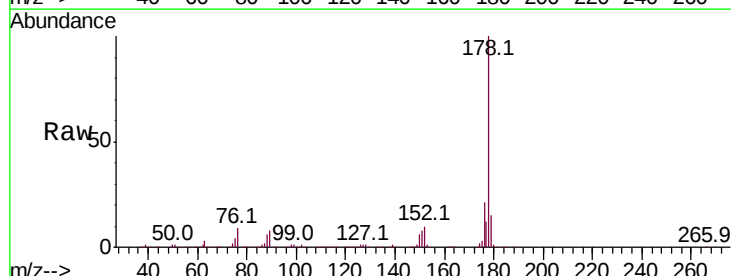
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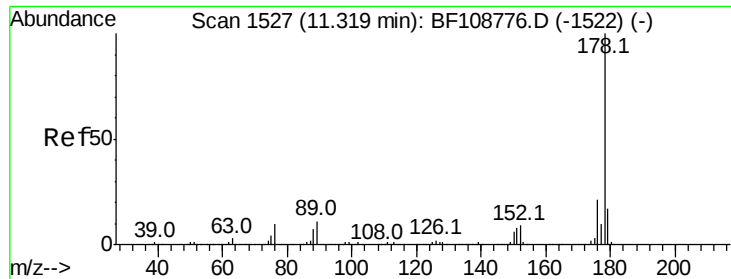
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#70
 Phenanthrene
 Concen: 40.855 ng
 RT: 11.27 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.6	15.8	23.8	
179	15.5	13.0	19.6	





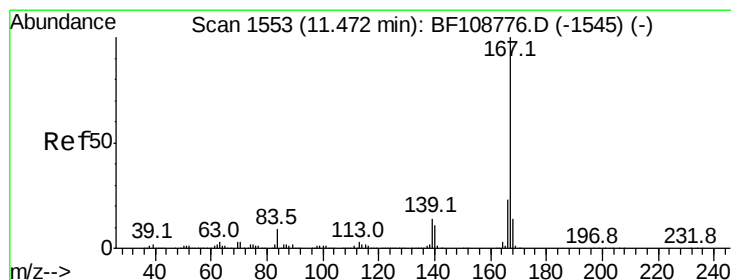
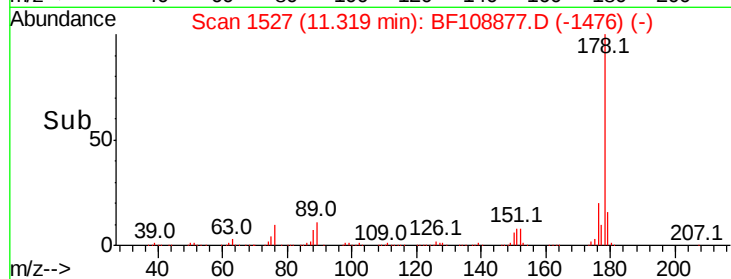
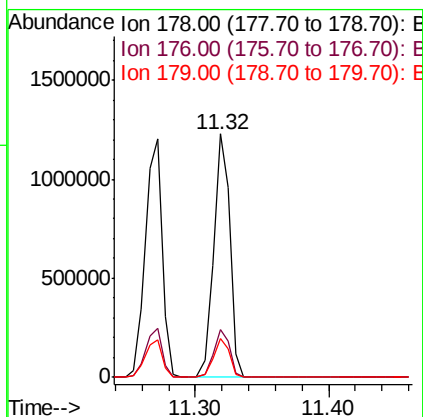
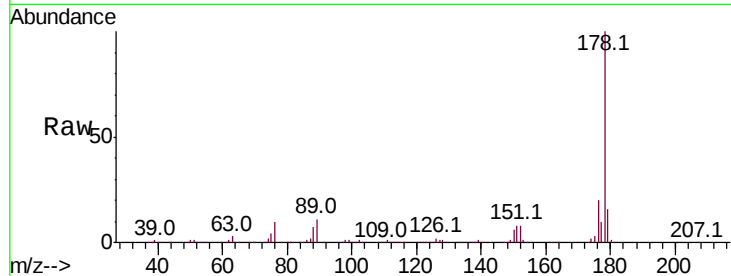
#71
 Anthracene
 Concen: 42.905 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	12.6	19.0

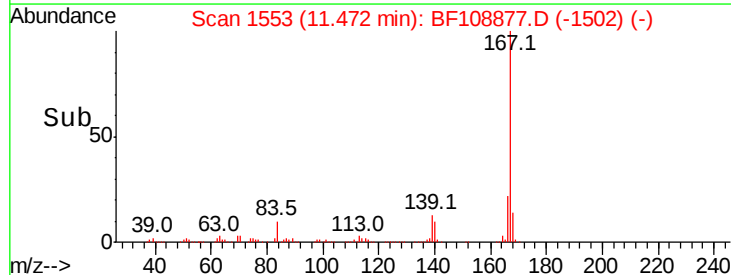
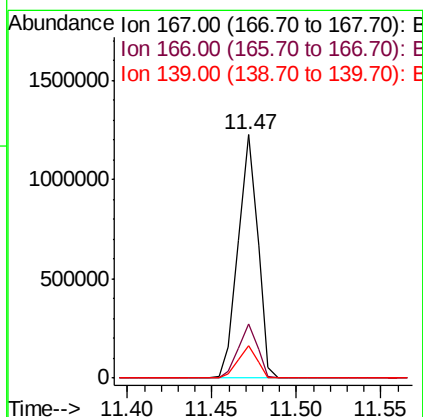
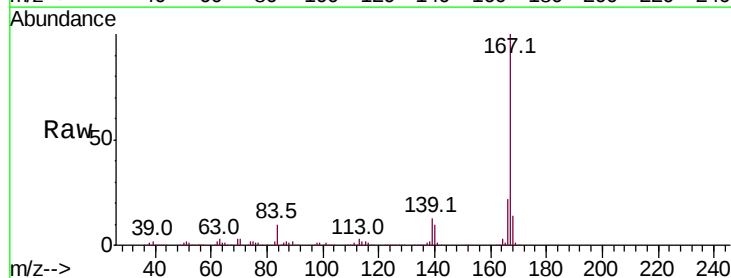
Manual Integrations
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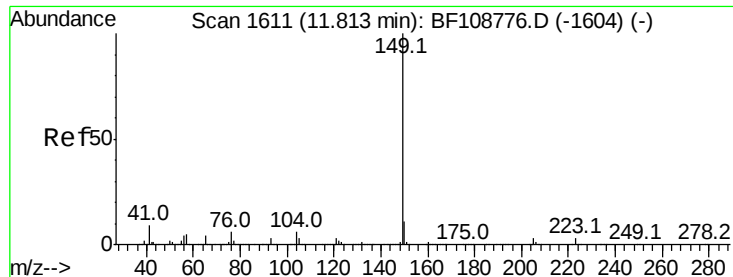
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#72
 Carbazole
 Concen: 38.523 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.921 ng

RT: 11.81 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Instrument :

BNA_F

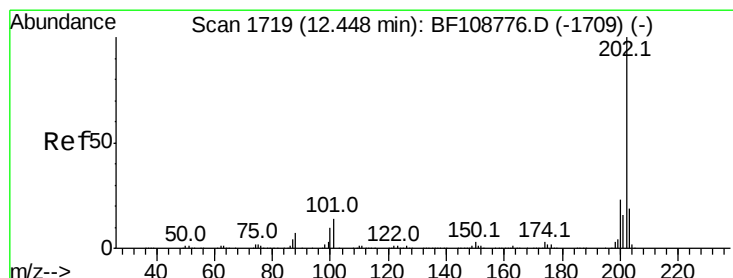
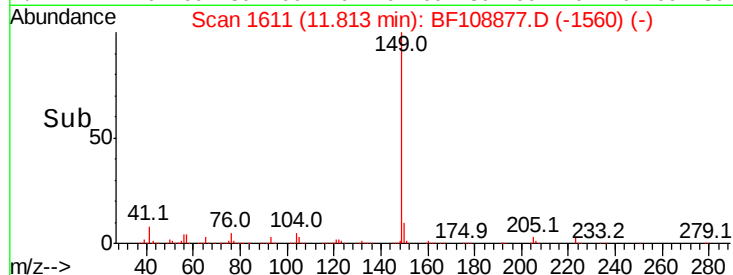
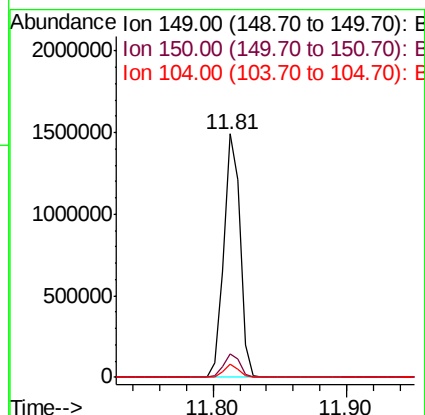
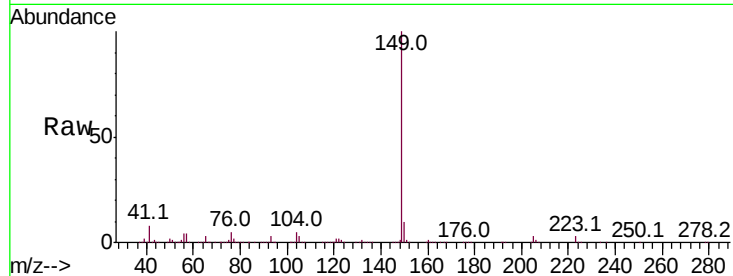
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	1286291
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	5.2	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 37.841 ng

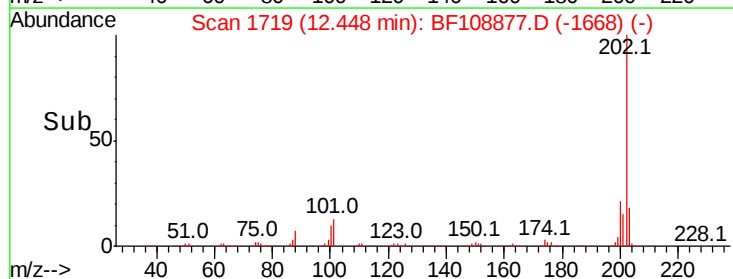
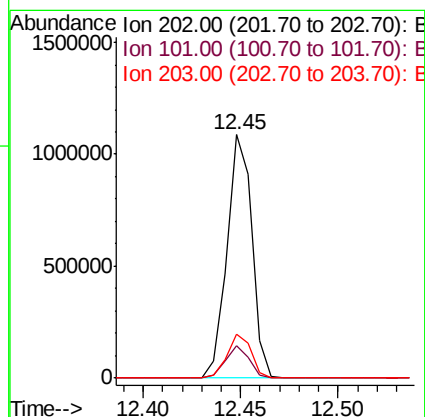
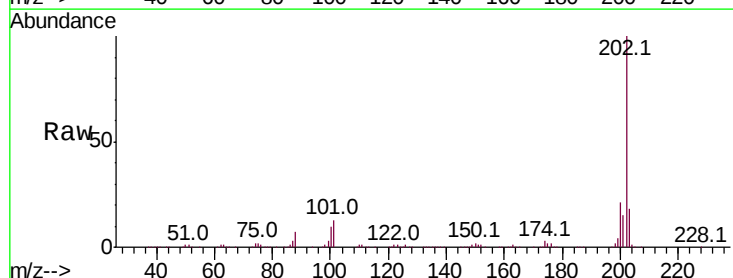
RT: 12.45 min Scan# 1719

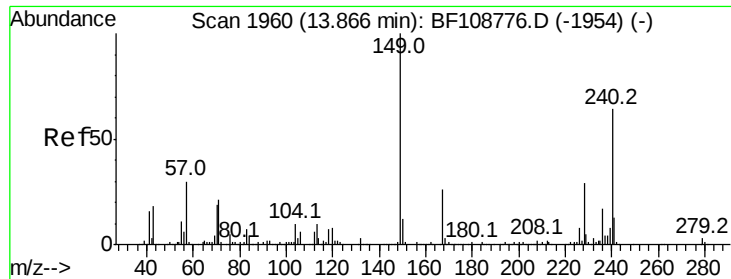
Delta R.T. -0.00 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Tgt Ion:	202	Resp:	958127
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Instrument :

BNA_F

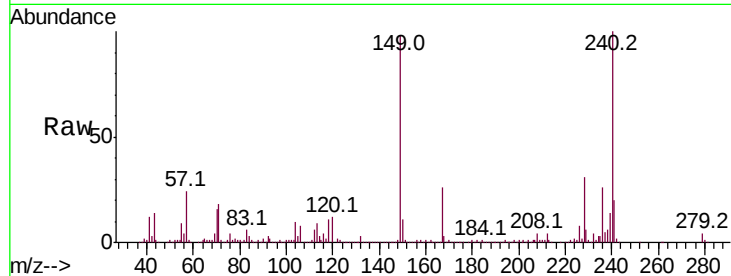
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	436400		
120	12.1	9.5	14.3	
236	25.7	20.7	31.1	

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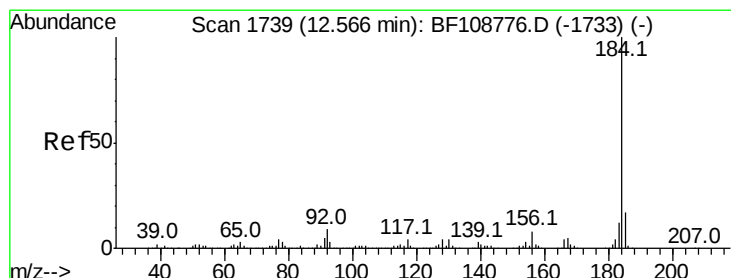
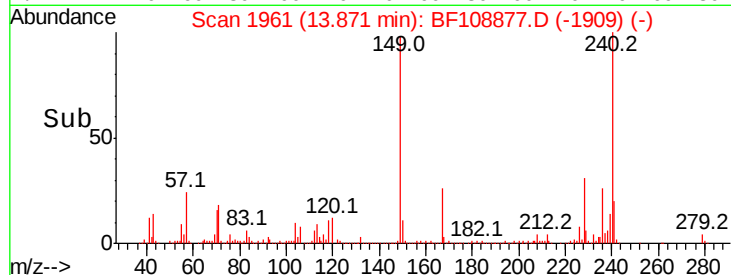
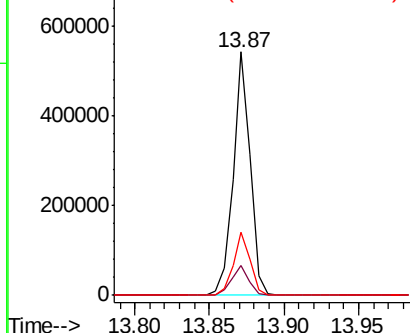


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.845 ng

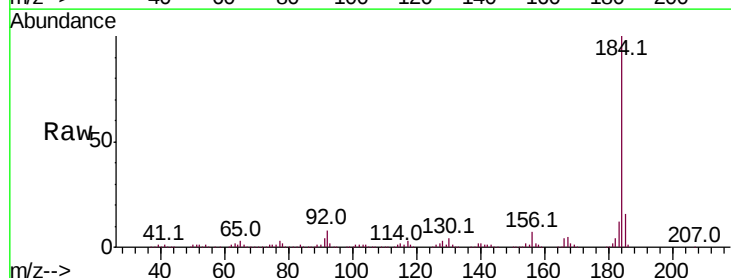
RT: 12.57 min Scan# 1740

Delta R.T. 0.01 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	575946		
185	15.5	12.6	18.8	
183	12.0	9.3	13.9	

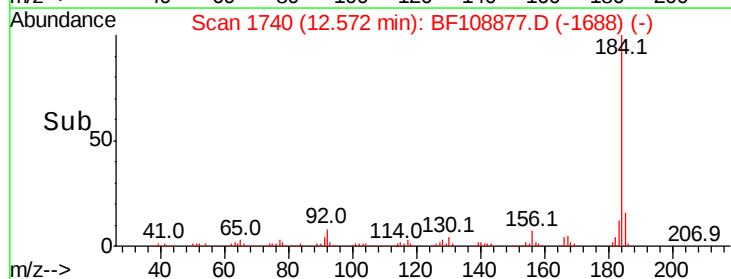
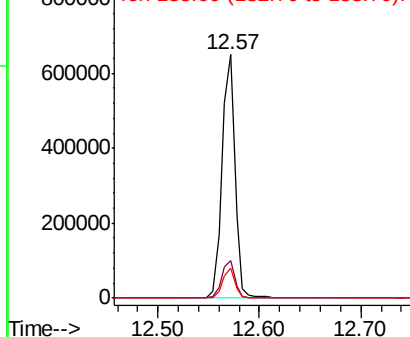


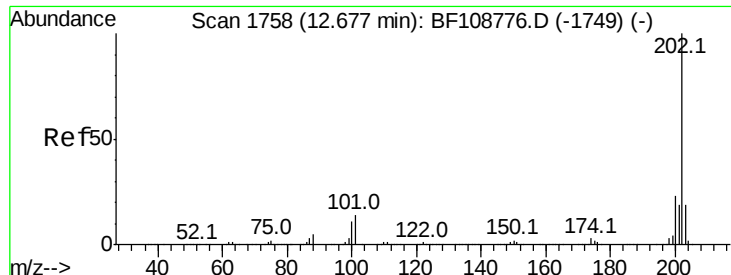
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





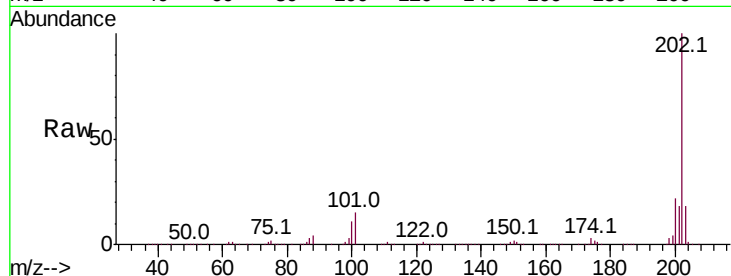
#77
Pvrene
Concen: 29.892 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.9	14.3	21.5

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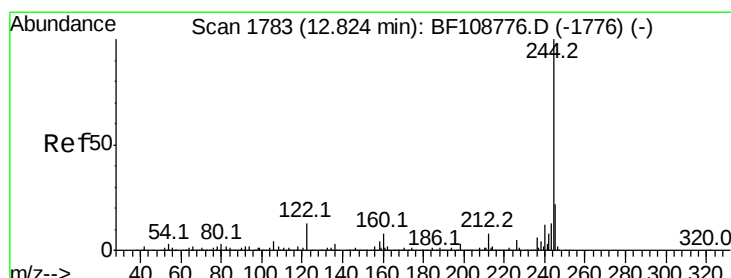
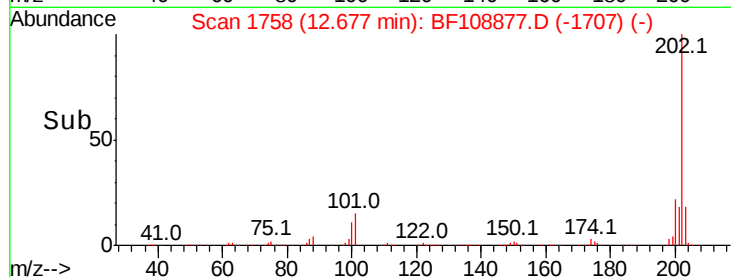
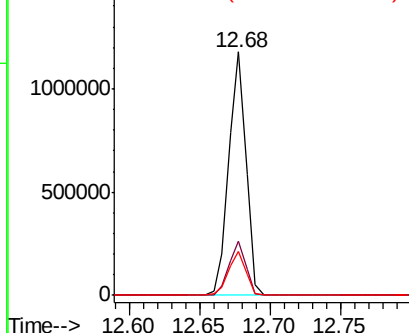


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 59.441 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

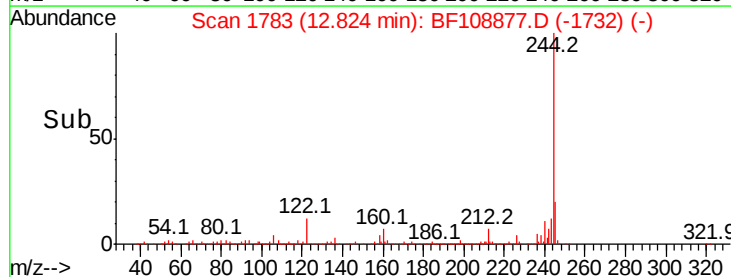
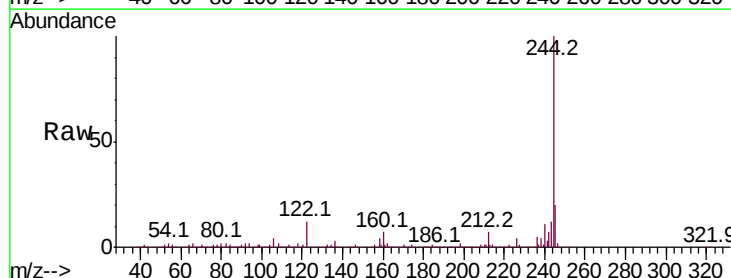
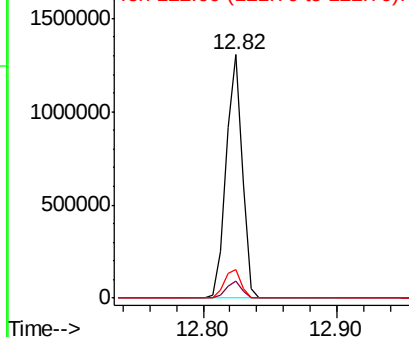
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.5	11.0	16.4

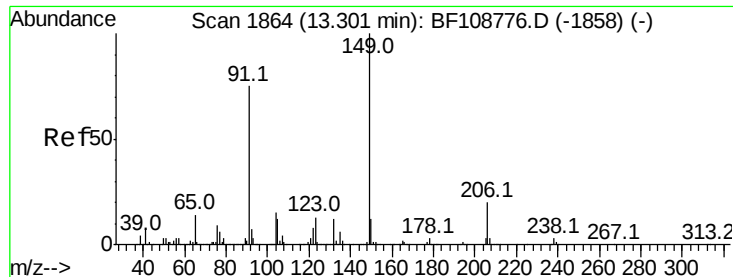
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





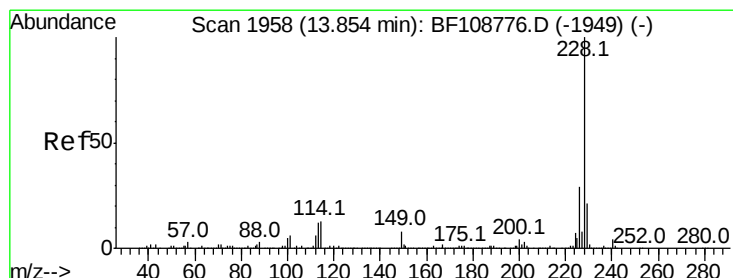
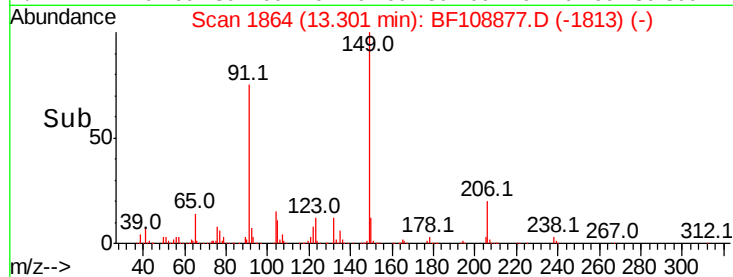
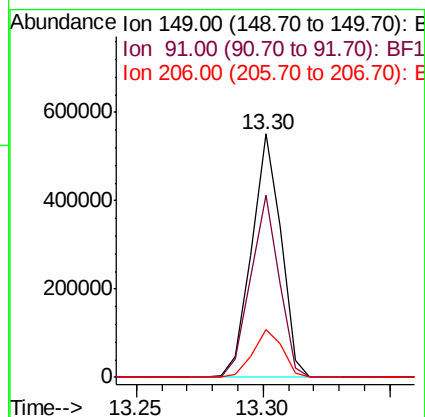
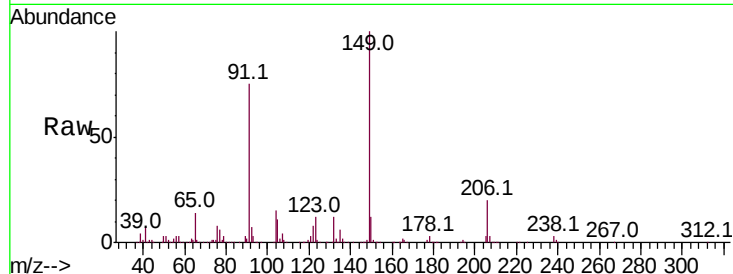
#79
Butylbenzylphthalate
Concen: 29.455 ng
RT: 13.30 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	445429		
91	74.9	56.8	85.2	
206	19.7	14.1	21.1	

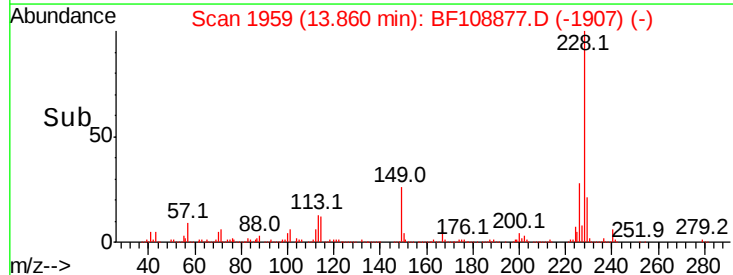
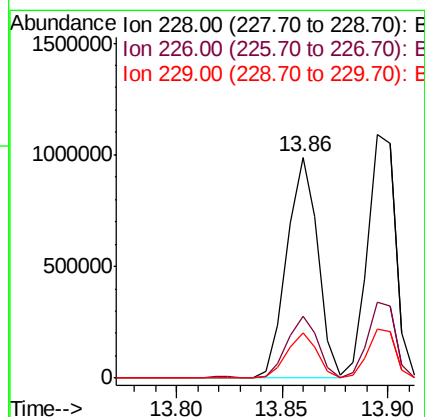
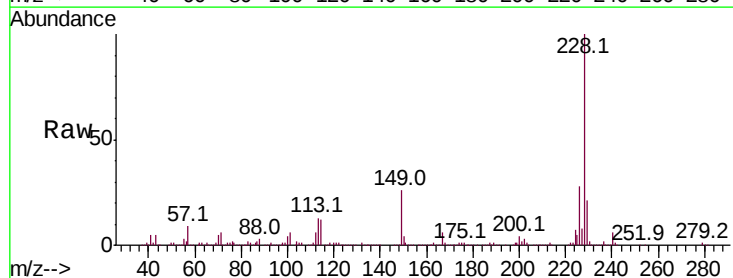
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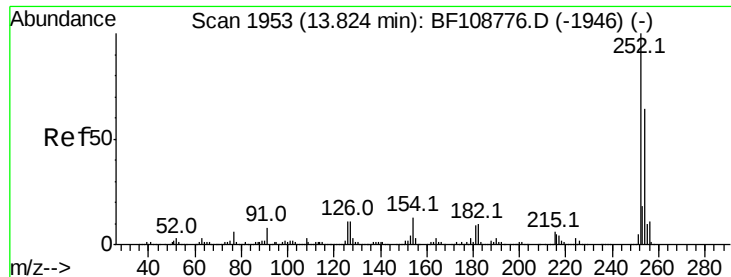
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#80
Benzo(a)anthracene
Concen: 36.193 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1012386		
226	27.9	22.6	33.8	
229	20.7	15.8	23.6	





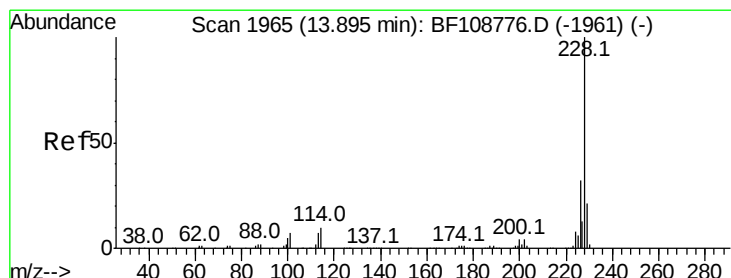
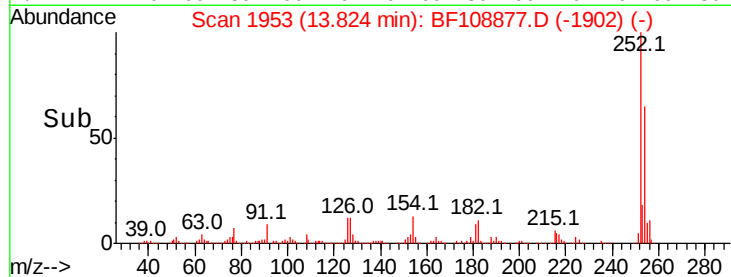
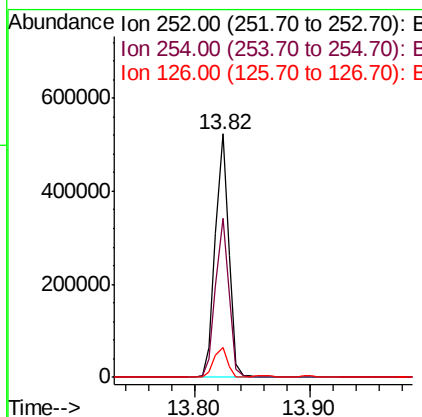
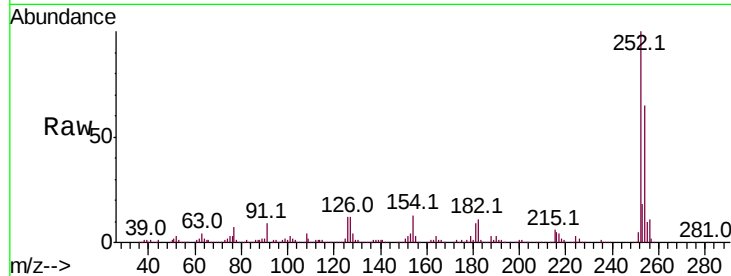
#81
 3,3'-Dichlorobenzidine
 Concen: 38.930 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	252	Resp:	424253
Ion Ratio	Lower	Upper	
252	100		
254	65.1	50.4	75.6
126	12.2	11.3	16.9

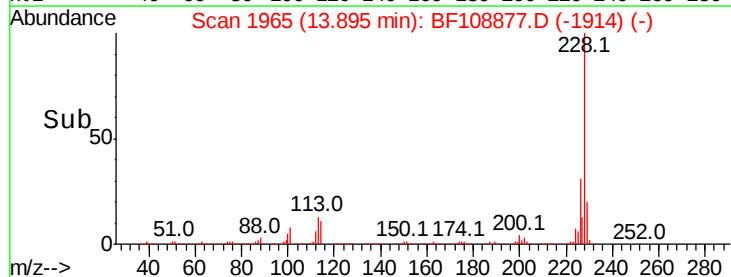
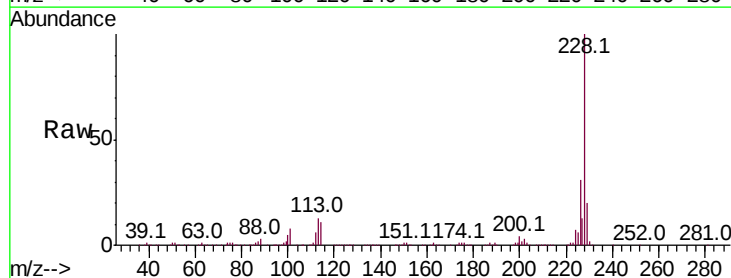
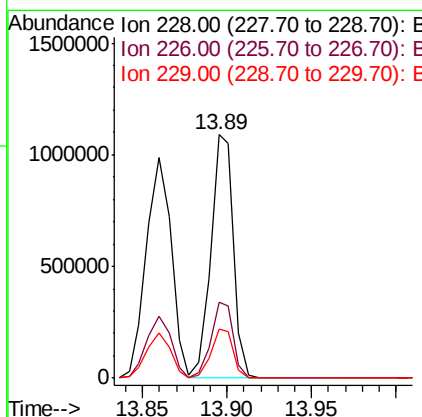
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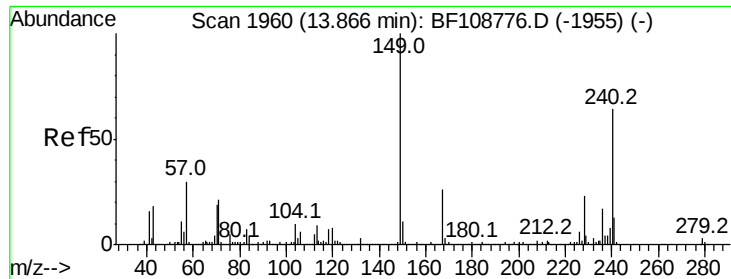
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#82
 Chrysene
 Concen: 37.481 ng
 RT: 13.89 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Tgt Ion:	228	Resp:	1014934
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.0	37.6
229	20.3	16.2	24.4





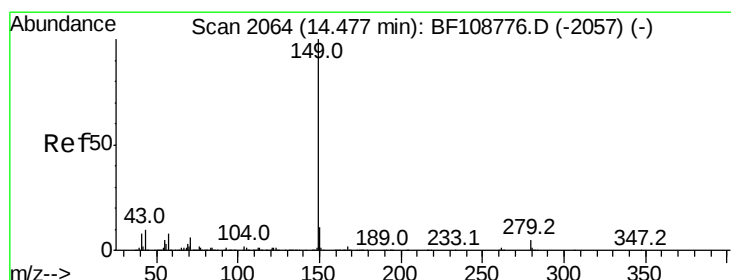
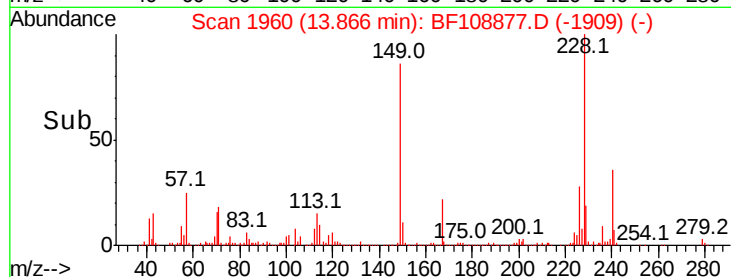
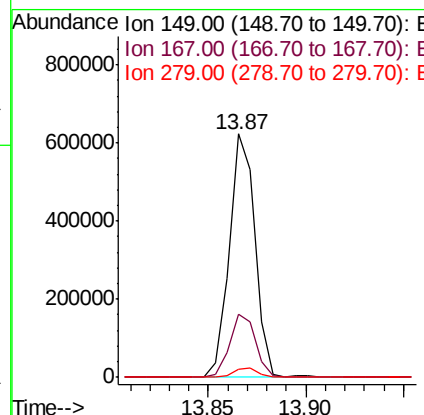
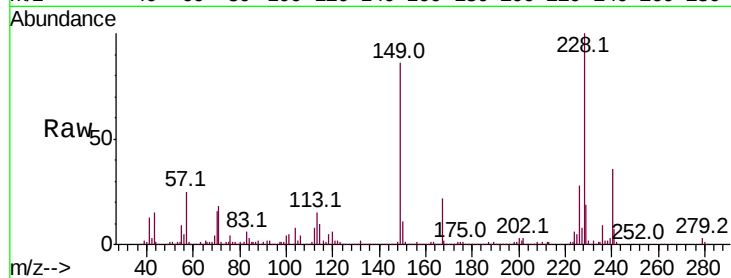
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.857 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.3	31.9
279	3.3	3.0	4.4

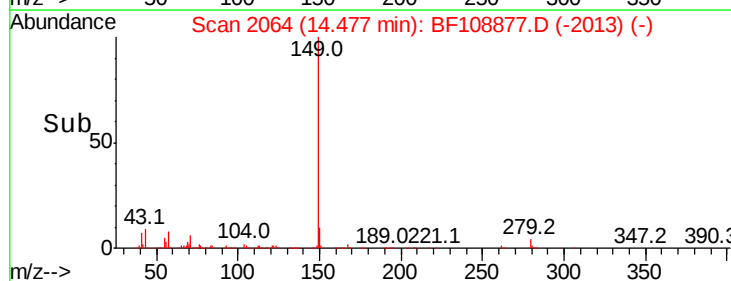
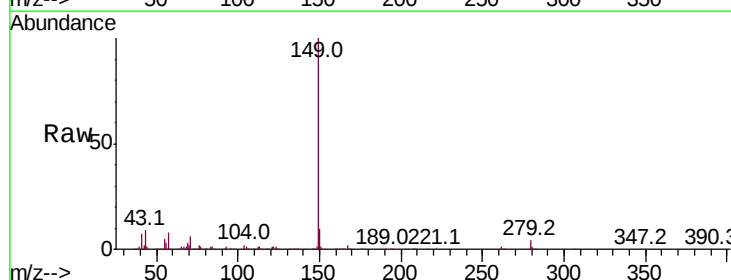
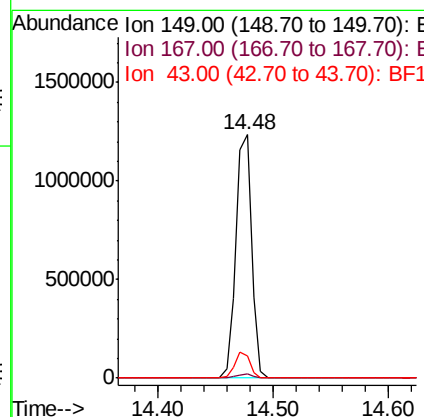
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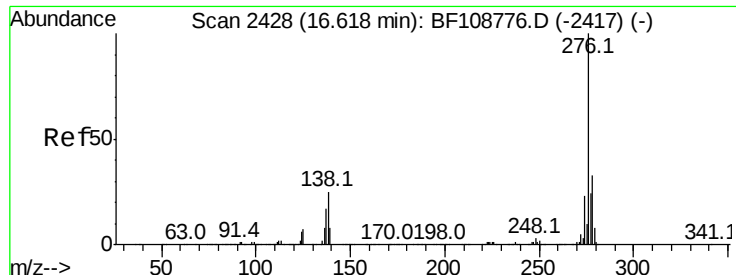
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#84
 Di-n-octyl phthalate
 Concen: 36.984 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.1	8.4	12.6





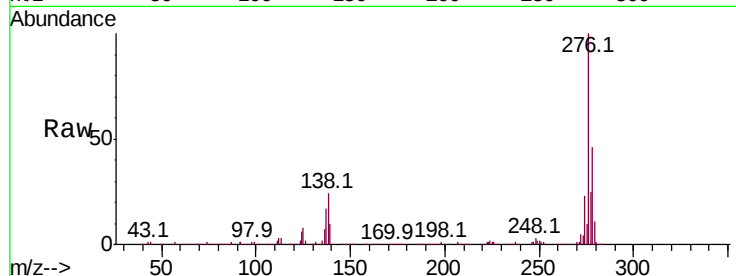
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.727 ng
 RT: 16.64 min Scan# 2431
 Delta R.T. 0.02 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

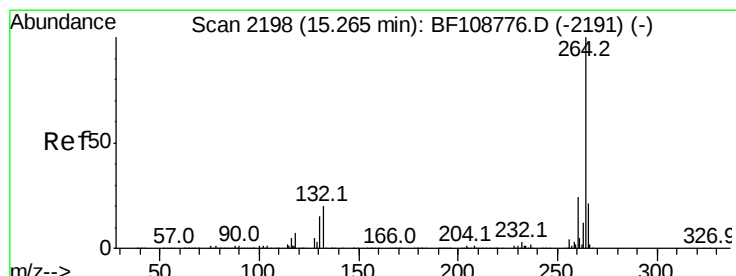
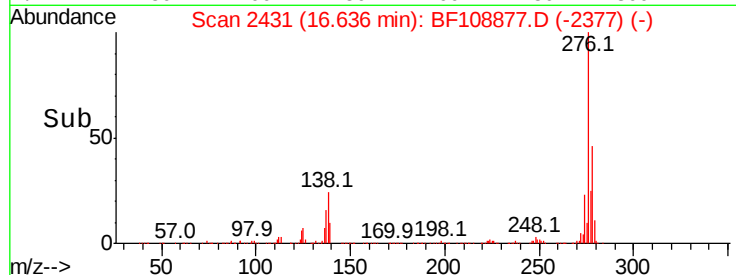
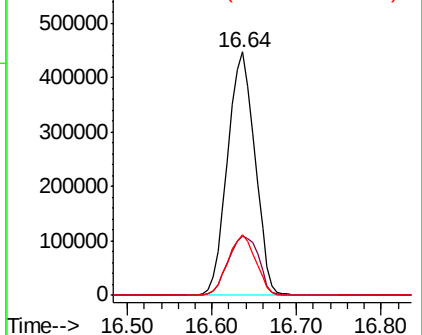
Tot Ion:	276	Resp:	999976
Ion Ratio	Lower	Upper	
276	100		
138	27.4	25.0	37.6
277	25.0	20.1	30.1

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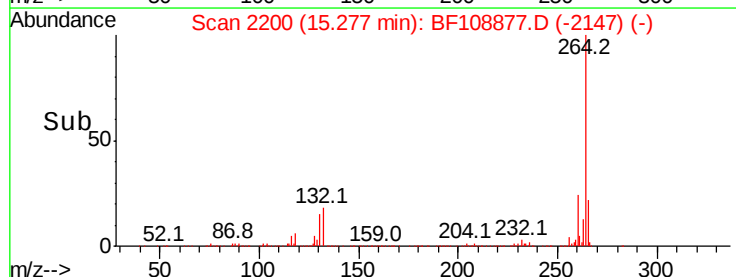
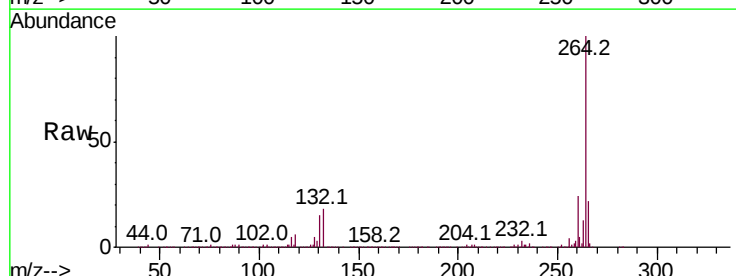
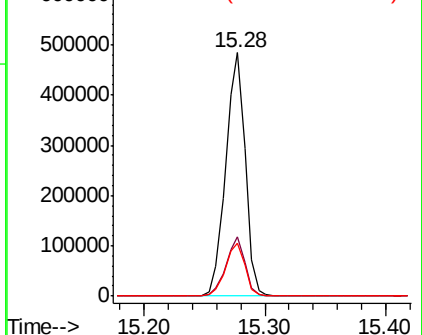
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

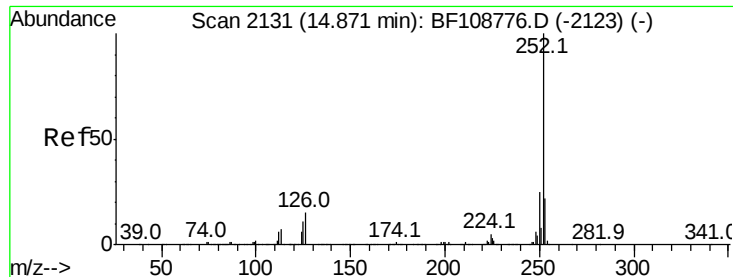


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108877.D
 Acq: 7 Sep 2018 23:09

Tgt Ion:	264	Resp:	541259
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.189 ng

RT: 14.88 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Instrument :

BNA_F

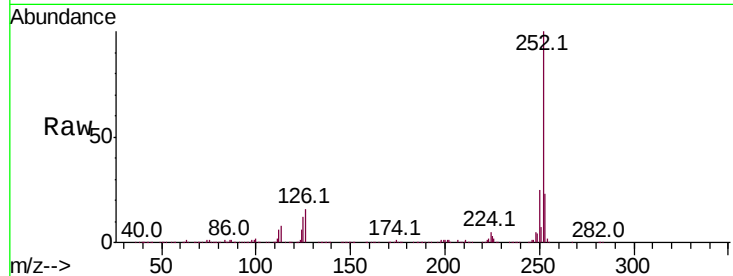
ClientSampleId :

SSTDCCC040

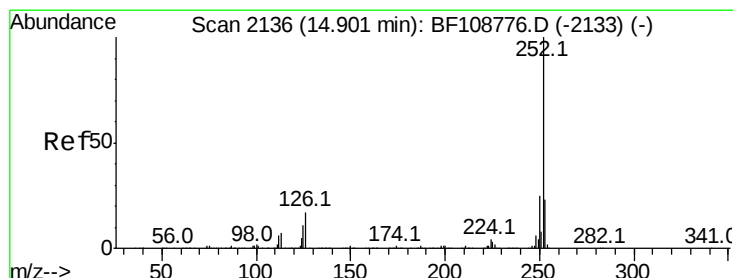
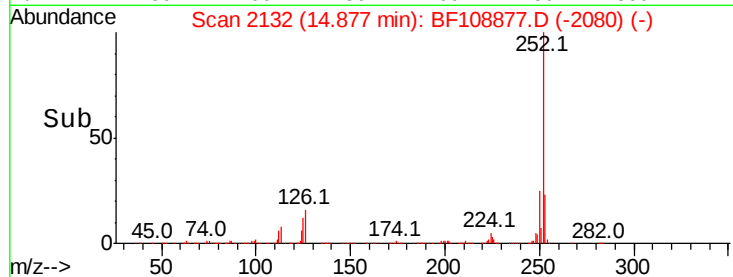
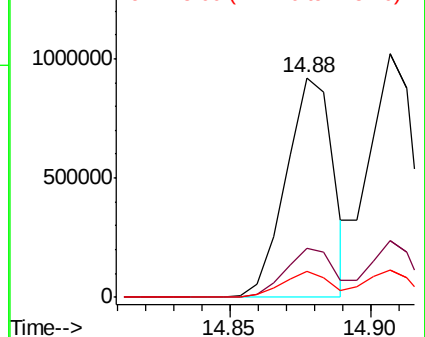
Tot Ion:	252	Resp:	1065078
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.9	9.0	13.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.722 ng

RT: 14.91 min Scan# 2137

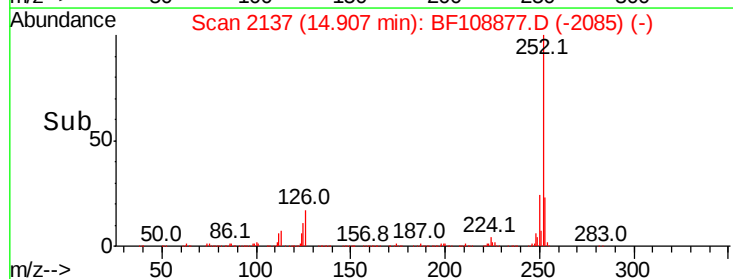
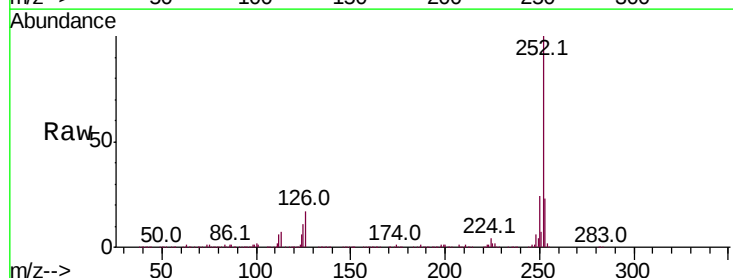
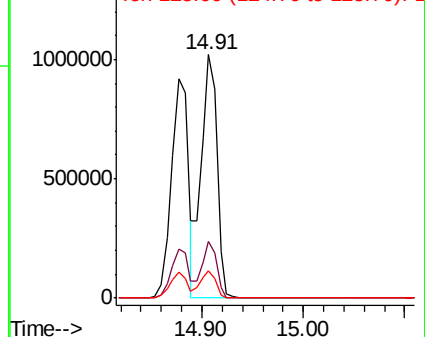
Delta R.T. 0.01 min

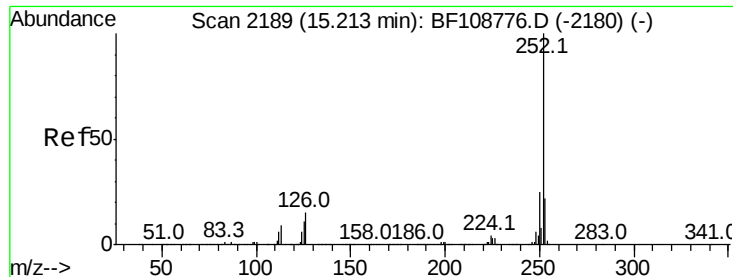
Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Tgt Ion:	252	Resp:	1103690
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	11.1	10.2	15.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





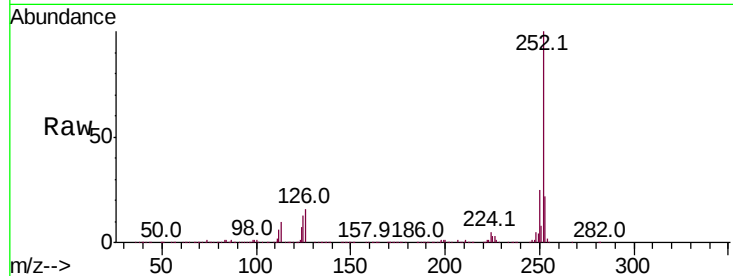
#89
Benzo(a)pyrene
Concen: 38.875 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.6	9.8	14.6

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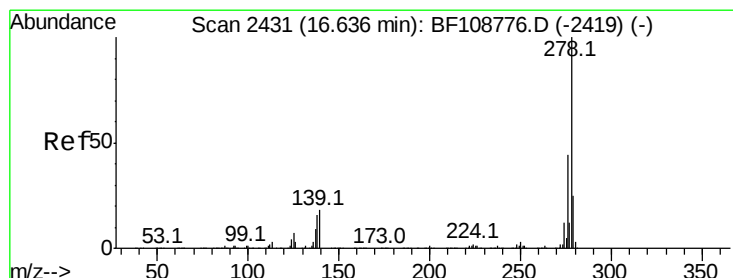
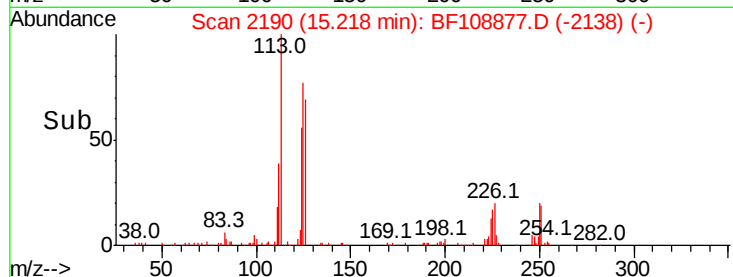
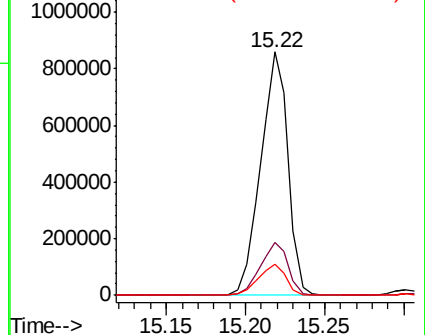


Abundance

Ion 252.00 (251.70 to 252.70): E

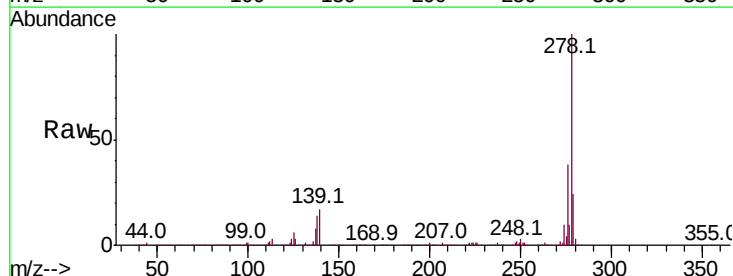
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 36.442 ng
RT: 16.65 min Scan# 2434
Delta R.T. 0.02 min
Lab File: BF108877.D
Acq: 7 Sep 2018 23:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.9	23.9
279	23.5	19.0	28.4

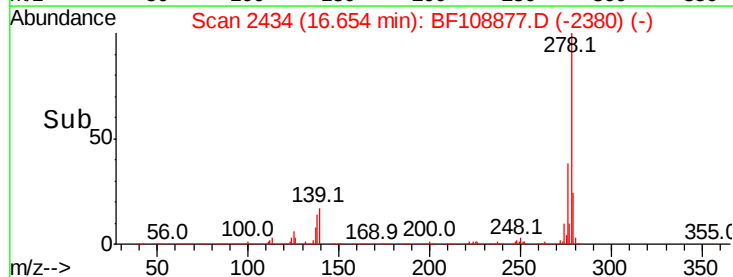
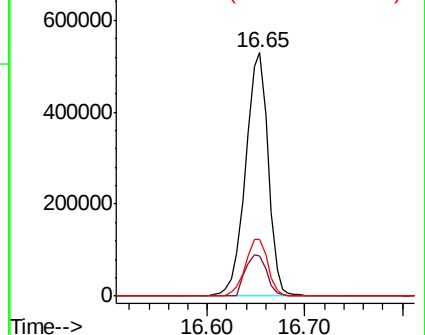


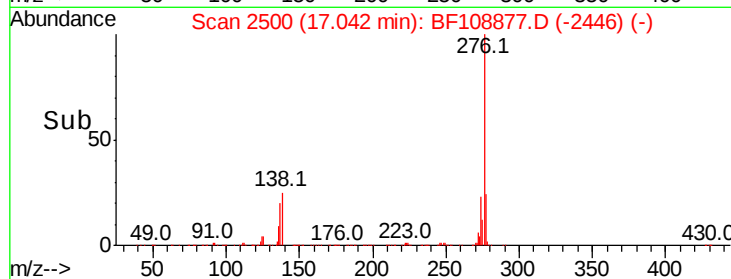
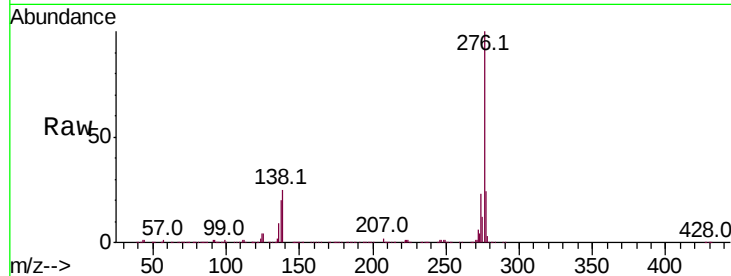
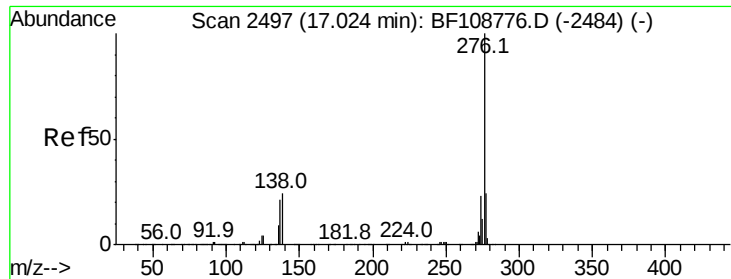
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 33.197 ng

RT: 17.04 min Scan# 2500

Delta R.T. 0.02 min

Lab File: BF108877.D

Acq: 7 Sep 2018 23:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 777778

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 24.6 21.8 32.8

Manual Integrations

APPROVED

Sohil

9/10/2018 10:39:46 AM

