

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111948.D
 Acq On : 9 Jan 2019 14:40
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Sohil
 1/10/2019 11:45:53 AM

Quant Time: Jan 10 02:03:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	136849	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	515602	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	265117	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	516767	20.00	ng	0.00
76) Chrysene-d12	14.06	240	368619	20.00	ng	0.00
87) Perylene-d12	15.53	264	297535	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	628101	78.52	ng	0.00
7) Phenol-d6	6.53	99	784381	76.08	ng	0.00
23) Nitrobenzene-d5	7.45	82	743446	77.06	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	260482	75.54	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1405321	77.30	ng	0.00
79) Terphenyl-d14	13.00	244	1510501	77.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	143888	41.139	ng	98
3) Pyridine	3.43	79	411900	45.436	ng	98
4) n-Nitrosodimethylamine	3.38	42	188079	41.699	ng	95
6) Aniline	6.55	93	476929	38.258	ng	92
8) 2-Chlorophenol	6.67	128	346299	38.988	ng	98
9) Benzaldehyde	6.43	77	220448	37.551	ng	98
10) Phenol	6.54	94	421193	37.588	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	323242	37.288	ng	100
12) 1,3-Dichlorobenzene	6.83	146	400476	38.893	ng	99
13) 1,4-Dichlorobenzene	6.90	146	405996	38.855	ng	100
14) 1,2-Dichlorobenzene	7.06	146	379573	38.002	ng	99
15) Benzyl Alcohol	7.03	79	316953	38.855	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	538746	36.451	ng	98
17) 2-Methylphenol	7.15	107	268152	37.563	ng	99
18) Hexachloroethane	7.40	117	137583	37.712	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	252220	37.652	ng	99
20) 3+4-Methylphenols	7.30	107	349569	39.346	ng	95
22) Acetophenone	7.29	105	495064	37.926	ng	98
24) Nitrobenzene	7.47	77	371981	38.116	ng	98
25) Isophorone	7.70	82	582074	37.260	ng	99
26) 2-Nitrophenol	7.78	139	191747	39.904	ng	97
27) 2,4-Dimethylphenol	7.82	122	266553	38.366	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	385620	36.981	ng	99
29) 2,4-Dichlorophenol	8.03	162	305417	38.229	ng	95
30) 1,2,4-Trichlorobenzene	8.11	180	333546	37.845	ng	99
31) Naphthalene	8.19	128	936936	38.280	ng	100
32) Benzoic acid	7.95	122	164472m	36.479	ng	
33) 4-Chloroaniline	8.24	127	419711	39.668	ng	100
34) Hexachlorobutadiene	8.31	225	208188	37.944	ng	99
35) Caprolactam	8.62	113	104461	40.020	ng	95
36) 4-Chloro-3-methylphenol	8.73	107	307964	38.770	ng	98
37) 2-Methylnaphthalene	8.88	142	607525	40.058	ng	99
38) 1-Methylnaphthalene	8.98	142	591664	40.674	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	328893	38.913	ng	100

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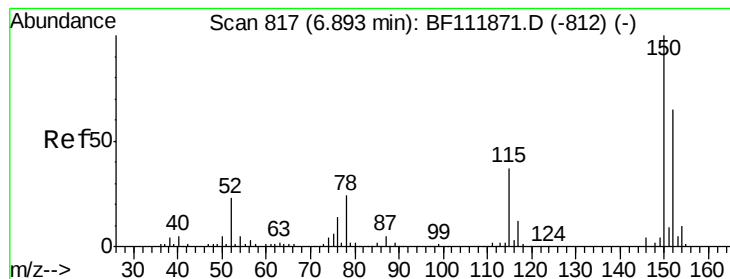
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	174647	35.737	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	219731	38.329	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	231373	38.522	nq	98
46) 1,1'-Biphenyl	9.35	154	850430	38.348	nq	99
47) 2-Chloronaphthalene	9.37	162	668546	38.411	nq	97
48) 2-Nitroaniline	9.46	65	213688	40.157	nq	100
49) Acenaphthylene	9.79	152	1000592	38.885	nq	99
50) Dimethylphthalate	9.65	163	756021	37.961	nq	99
51) 2,6-Dinitrotoluene	9.70	165	175457	39.397	nq	97
52) Acenaphthene	9.96	154	633163	38.168	nq	99
53) 3-Nitroaniline	9.87	138	190936	40.034	nq	97
54) 2,4-Dinitrophenol	9.98	184	72265	38.321	nq	# 88
55) Dibenzofuran	10.13	168	940230	38.973	nq	100
56) 4-Nitrophenol	10.05	139	134654	39.957	nq	99
57) 2,4-Dinitrotoluene	10.11	165	234968	40.830	nq	97
58) Fluorene	10.47	166	687051	39.138	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	189993	37.543	nq	97
60) Diethylphthalate	10.34	149	742524	38.526	nq	100
61) 4-Chlorophenyl-phenylether	10.46	204	376897	38.287	nq	99
62) 4-Nitroaniline	10.49	138	186959	41.328	nq	98
63) Azobenzene	10.62	77	721547	39.190	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	120032	37.644	nq	92
66) n-Nitrosodiphenylamine	10.58	169	655060	37.774	nq	100
67) 4-Bromophenyl-phenylether	10.95	248	240084	35.869	nq	100
68) Hexachlorobenzene	11.03	284	266307	35.900	nq	97
69) Atrazine	11.11	200	224103	36.781	nq	99
70) Pentachlorophenol	11.22	266	146109	34.613	nq	98
71) Phenanthrene	11.44	178	1022384	37.004	nq	100
72) Anthracene	11.49	178	1035101	36.906	nq	98
73) Carbazole	11.64	167	1015655	37.228	nq	99
74) Di-n-butylphthalate	11.97	149	1143704	36.091	nq	100
75) Fluoranthene	12.63	202	1028184	36.250	nq	99
77) Benzidine	12.74	184	485530	44.081	nq	97
78) Pyrene	12.86	202	1024015	40.374	nq	98
80) Butylbenzylphthalate	13.46	149	420045	39.173	nq	97
81) Benzo(a)anthracene	14.04	228	803008	37.852	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	304884	38.928	nq	99
83) Chrysene	14.08	228	761452	37.644	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	553585	39.311	nq	# 98
85) Di-n-octyl phthalate	14.64	149	819826	40.681	nq	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	647960	43.939	nq	99
88) Benzo(b)fluoranthene	15.10	252	682529	38.348	nq	99
89) Benzo(k)fluoranthene	15.13	252	621293	37.136	nq	98
90) Benzo(a)pyrene	15.47	252	599207	38.289	nq	99
91) Dibenzo(a,h)anthracene	17.04	278	543105	43.149	nq	99
92) Benzo(g,h,i)perylene	17.49	276	531150	43.144	nq	98

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



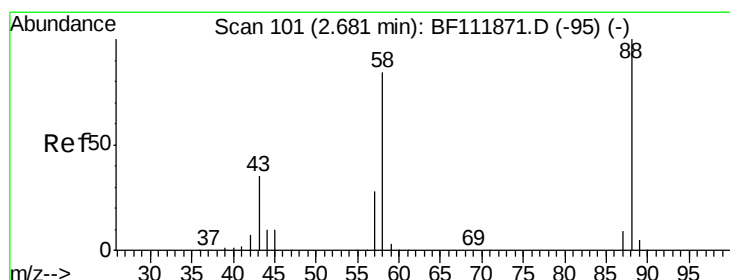
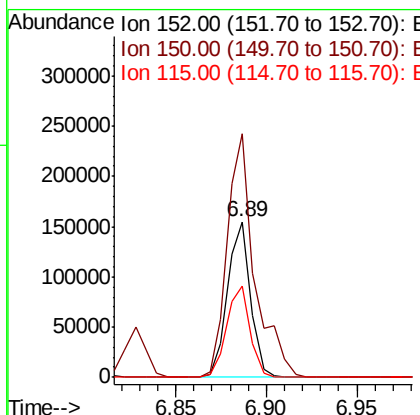
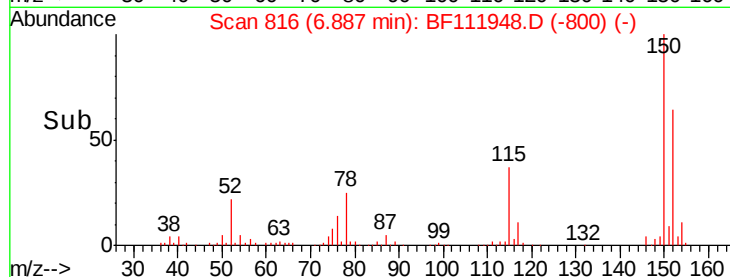
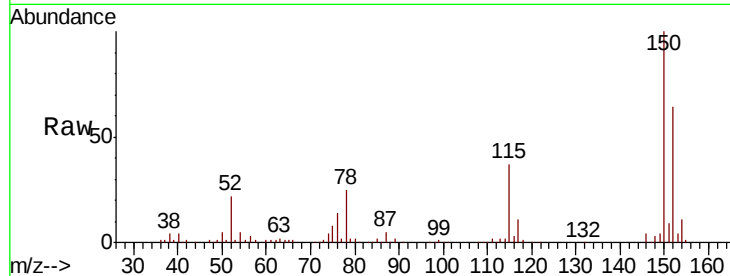
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.7	184.1
115	58.5	45.2	67.8

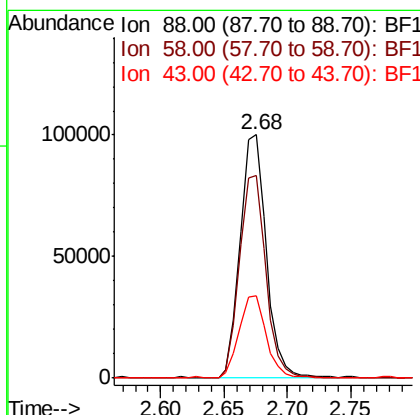
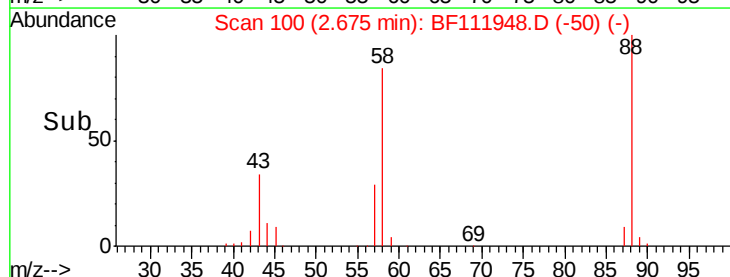
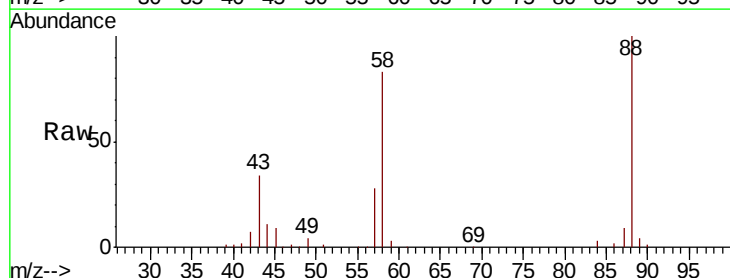
Manual Integrations
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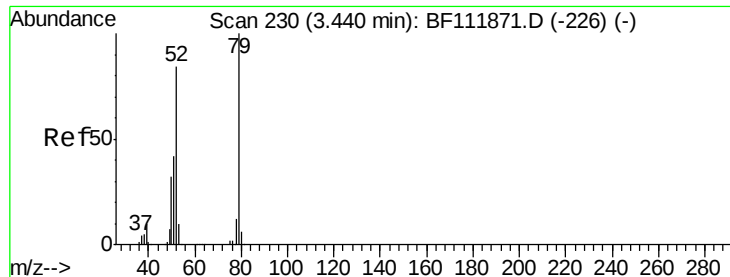
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#2
 1,4-Dioxane
 Concen: 41.139 ng
 RT: 2.68 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.4	67.6	101.4
43	34.9	29.0	43.6





#3

Pvridine

Concen: 45.436 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

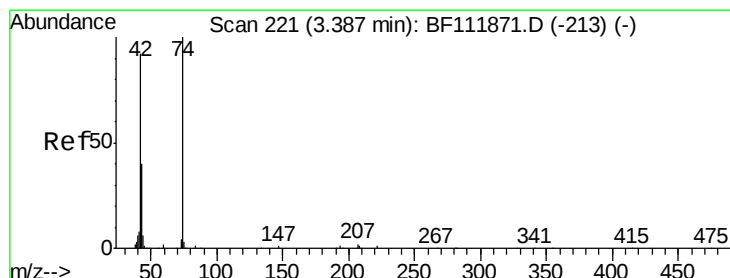
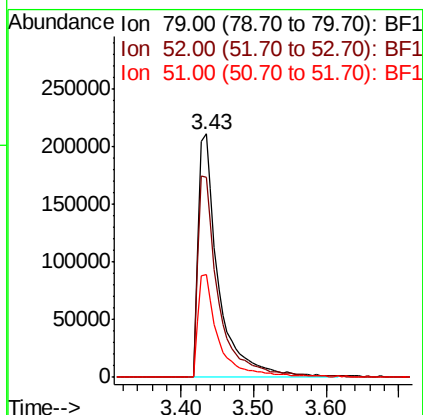
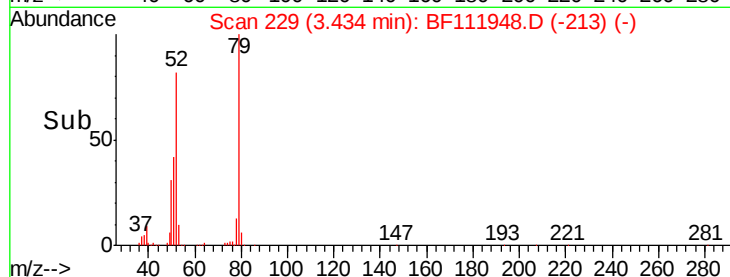
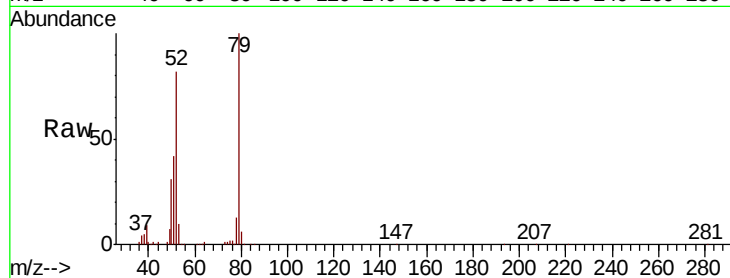
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	411900
Ion	Ratio	Lower	Upper
79	100		
52	82.0	67.0	100.6
51	42.2	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 41.699 ng

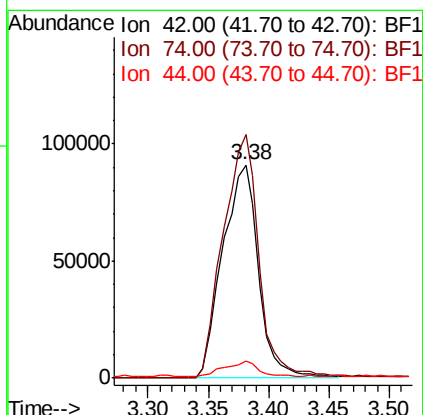
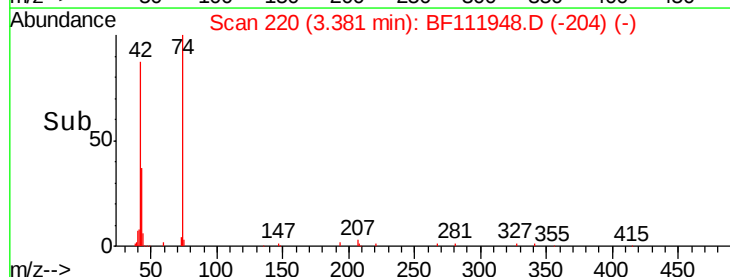
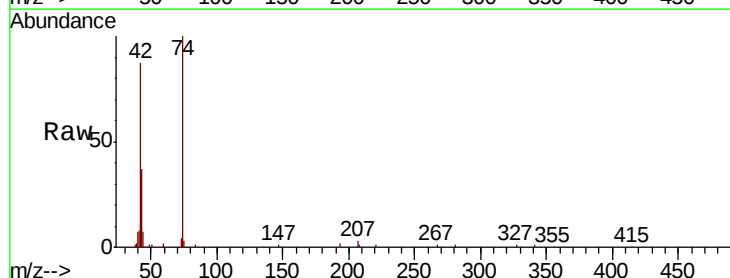
RT: 3.38 min Scan# 220

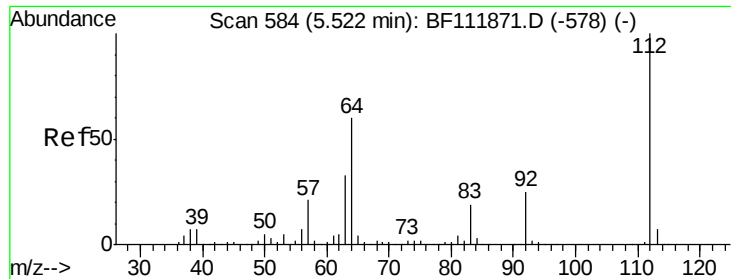
Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Tgt Ion:	42	Resp:	188079
Ion	Ratio	Lower	Upper
42	100		
74	114.3	87.0	130.6
44	7.8	5.5	8.3





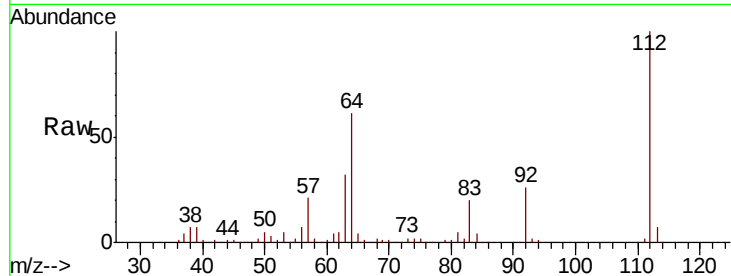
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2-Fluorophenol
Concen: 78.522 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

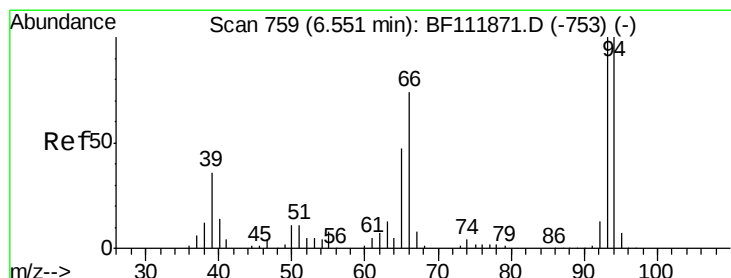
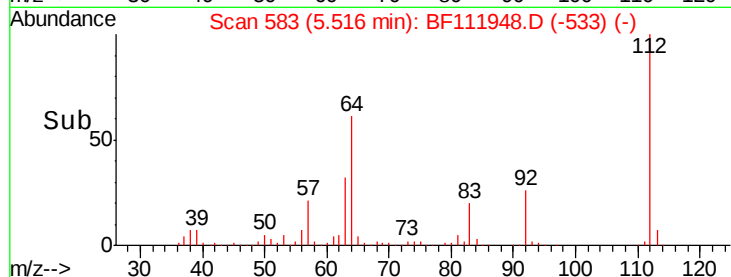
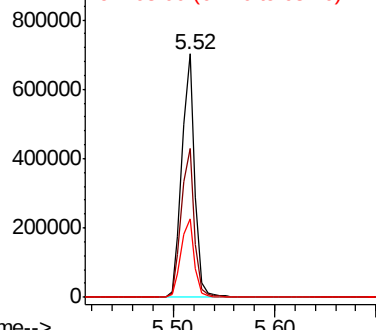
Tot Ion	Ratio	Resp	Lower	Upper
112	100	628101		
64	61.4	48.3	72.5	
63	32.1	26.1	39.1	

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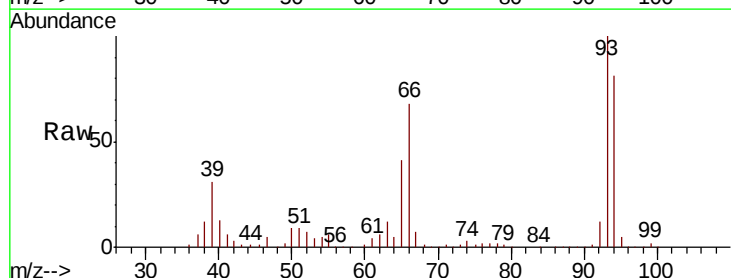


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

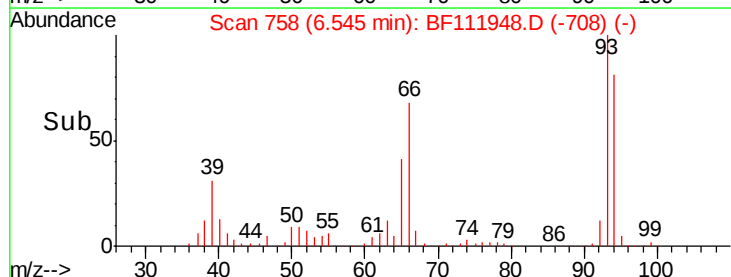
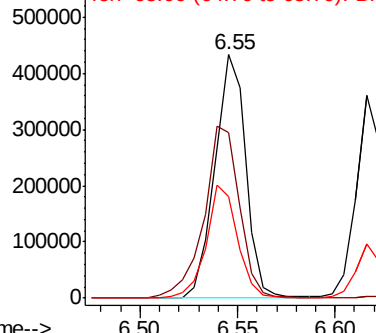


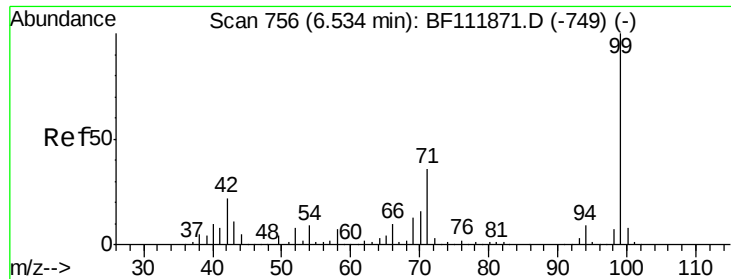
#6
Aniline
Concen: 38.258 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	476929		
66	67.9	60.0	90.0	
65	41.4	37.5	56.3	



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





#7

Phenol-d6

Concen: 76.081 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

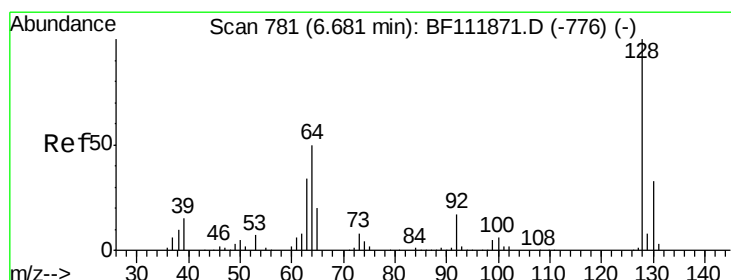
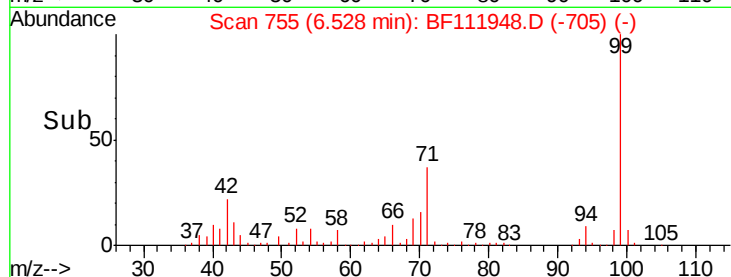
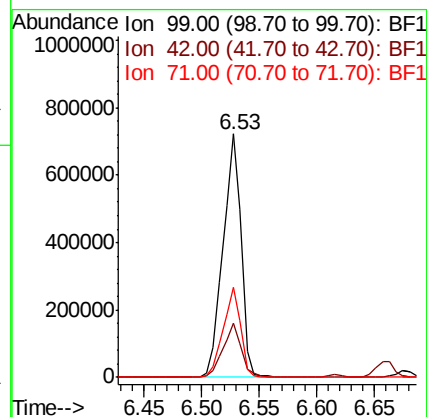
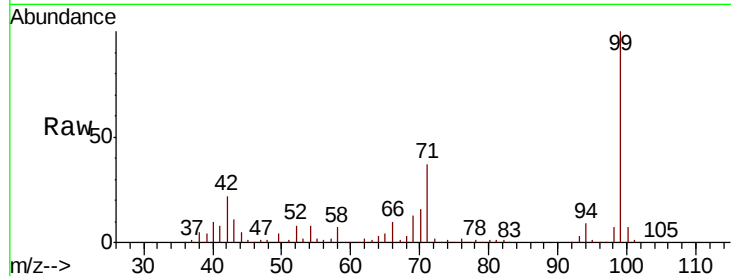
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	784381
Ion Ratio	Lower	Upper	
99	100		
42	22.5	17.9	26.9
71	36.9	28.7	43.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.988 ng

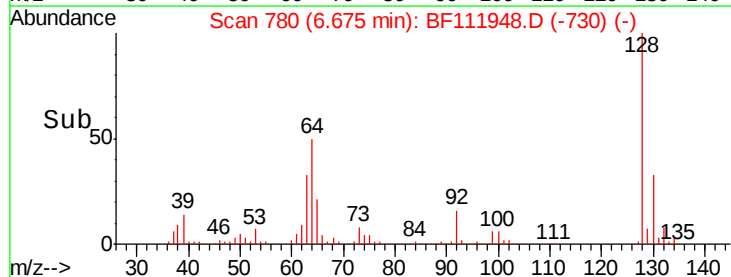
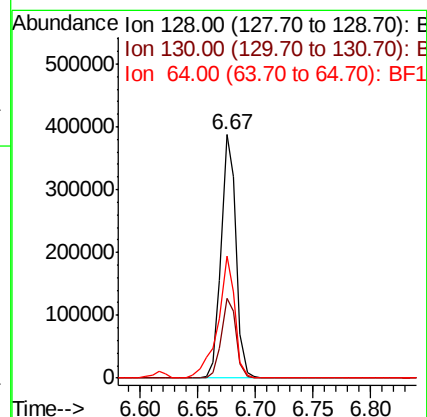
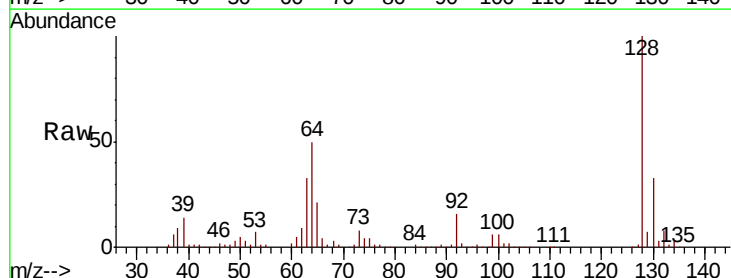
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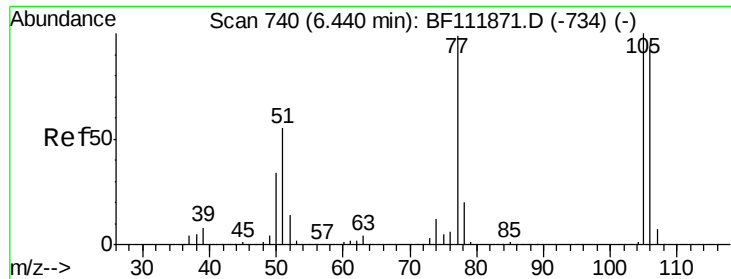
Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Tgt Ion:	128	Resp:	346299
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.7	52.7
64	50.0	31.8	71.8





#9

Benzaldehyde

Concen: 37.551 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

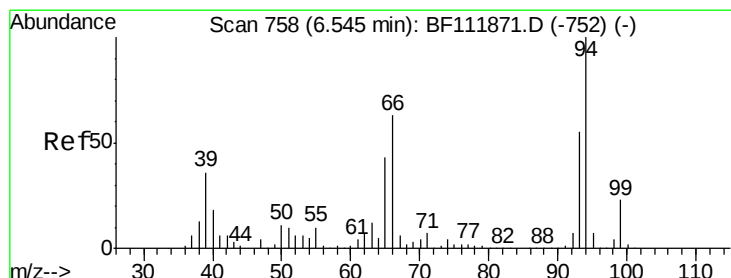
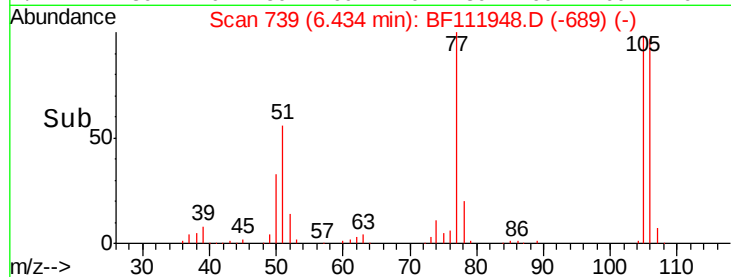
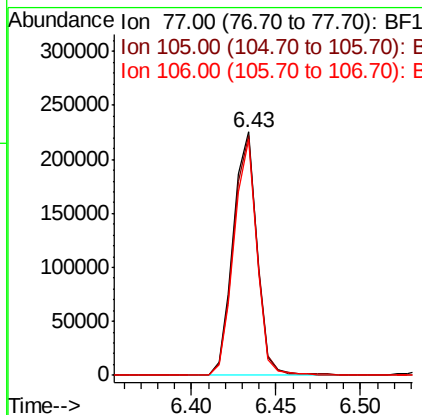
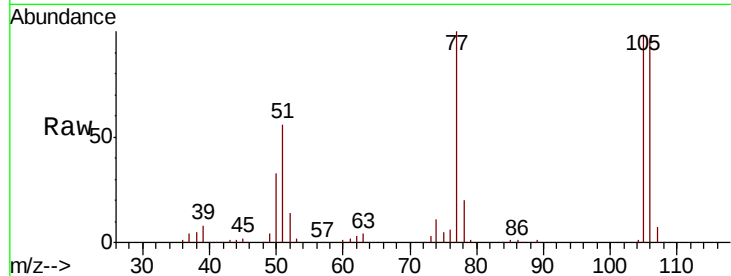
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	220448
Ion	Ratio	Lower	Upper
77	100		
105	98.4	80.6	120.6
106	96.9	74.6	114.6

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#10

Phenol

Concen: 37.588 ng

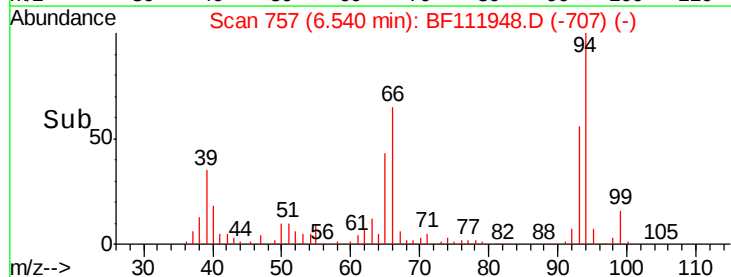
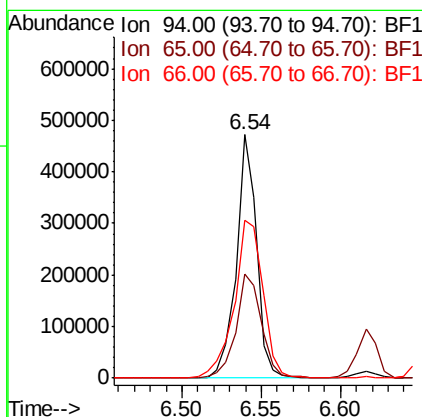
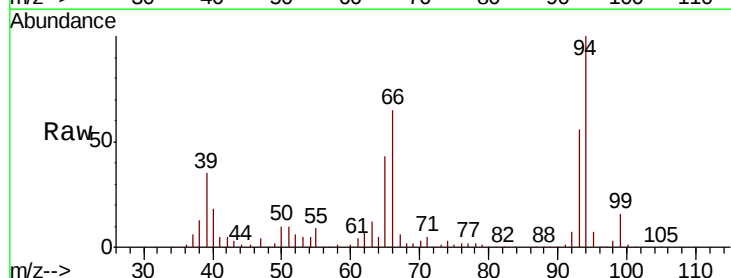
RT: 6.54 min Scan# 757

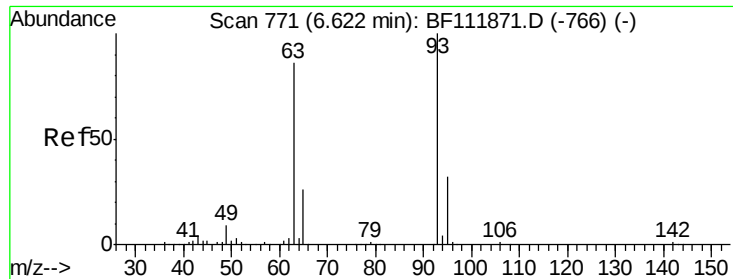
Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Tgt Ion:	94	Resp:	421193
Ion	Ratio	Lower	Upper
94	100		
65	42.6	22.8	62.8
66	64.8	43.3	83.3





#11

bis(2-Chloroethyl)ether

Concen: 37.288 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

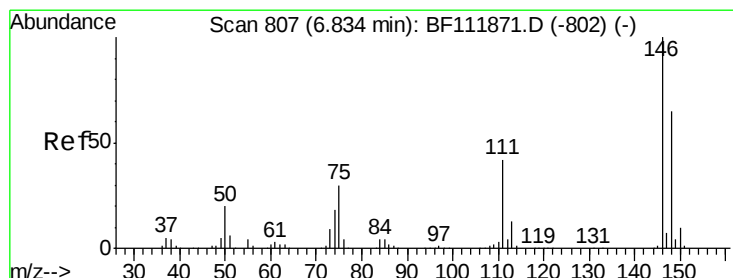
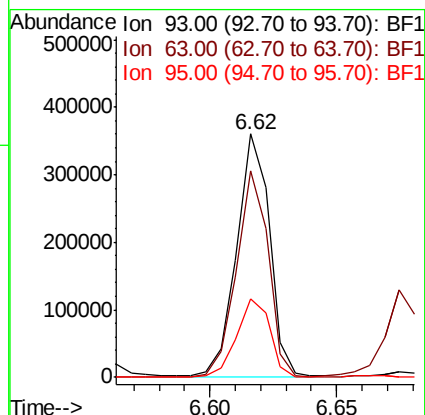
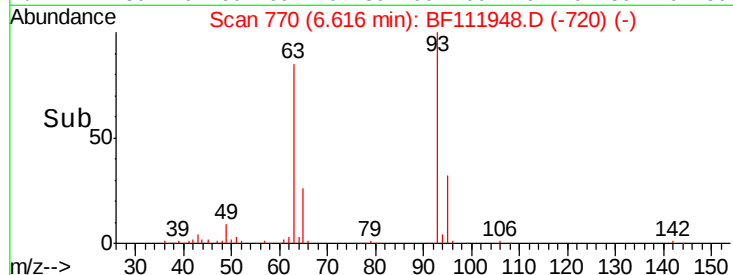
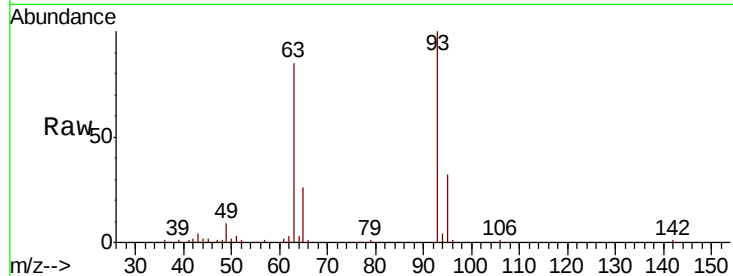
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	323242
Ion Ratio	Lower	Upper	
93	100		
63	85.0	65.2	105.2
95	32.2	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 38.893 ng

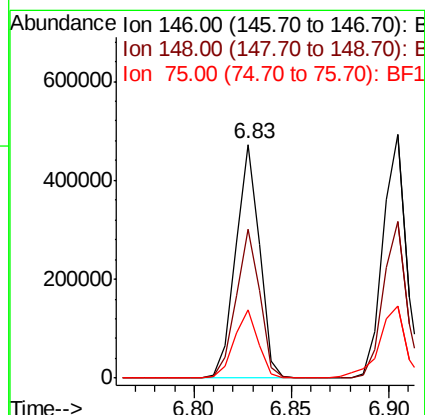
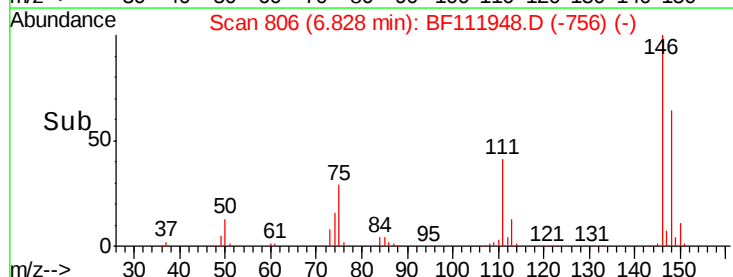
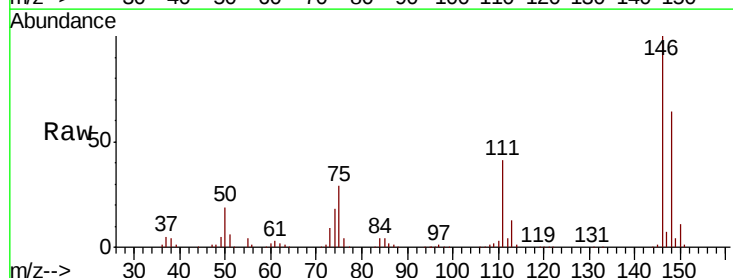
RT: 6.83 min Scan# 806

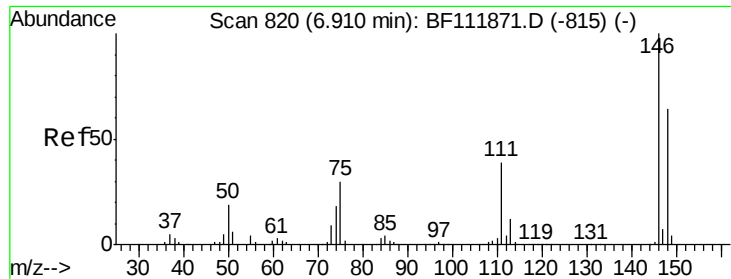
Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Tgt Ion:	146	Resp:	400476
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.6
75	29.2	24.3	36.5





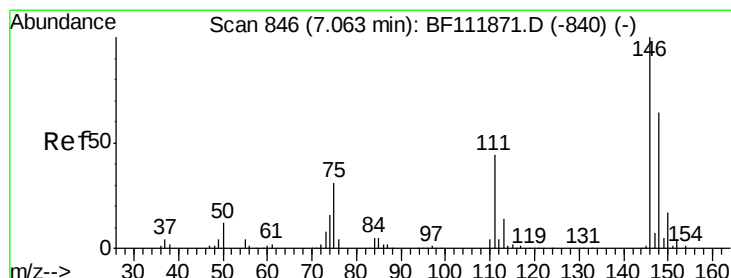
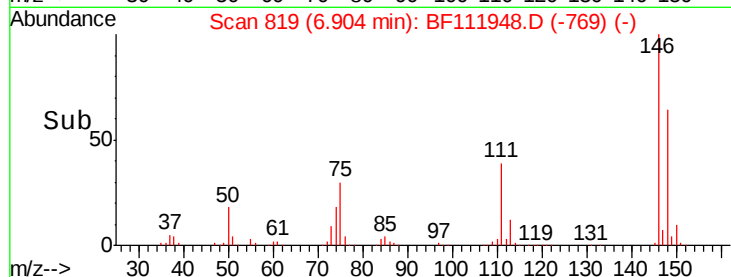
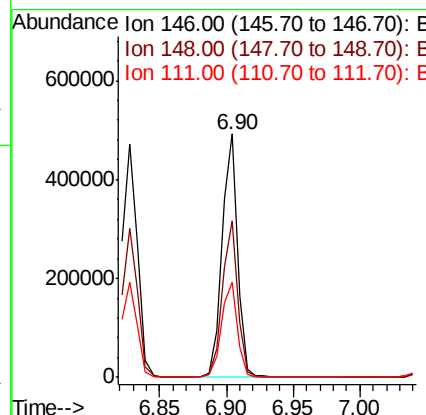
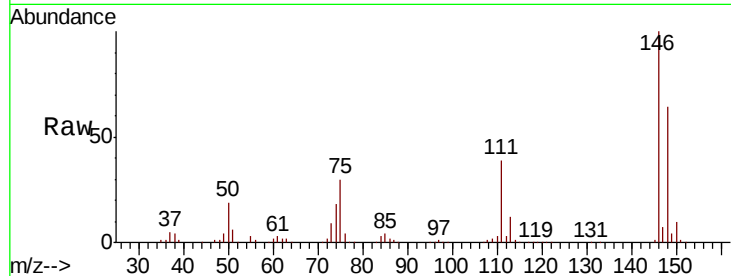
#13
 1,4-Dichlorobenzene
 Concen: 38.855 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	39.1	31.5	47.3

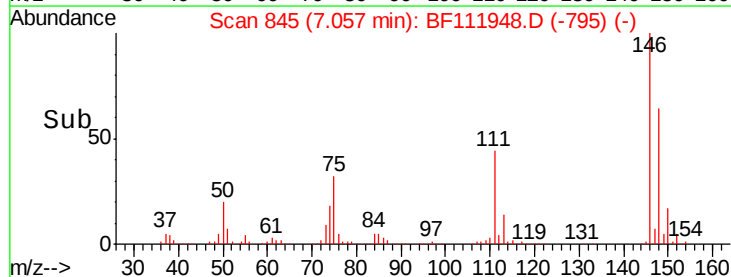
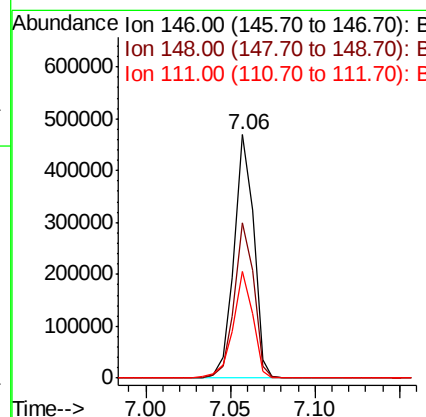
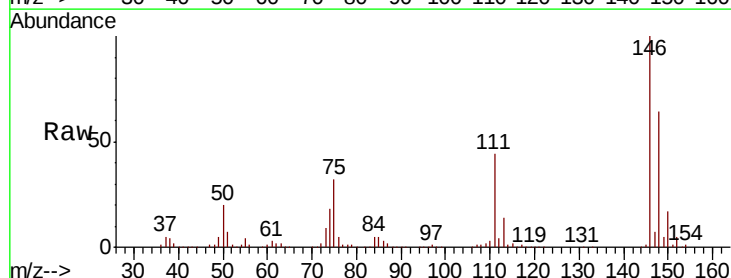
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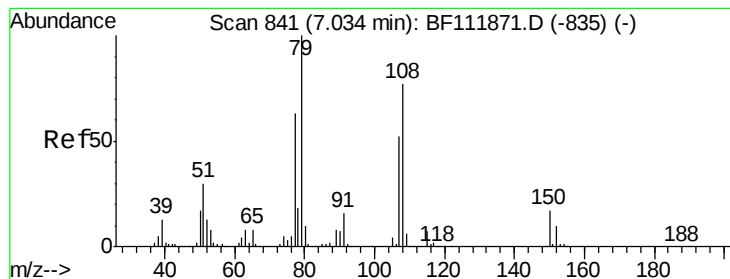
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#14
 1,2-Dichlorobenzene
 Concen: 38.002 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.5	77.3
111	43.6	35.5	53.3





#15

Benzyl Alcohol

Concen: 38.855 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

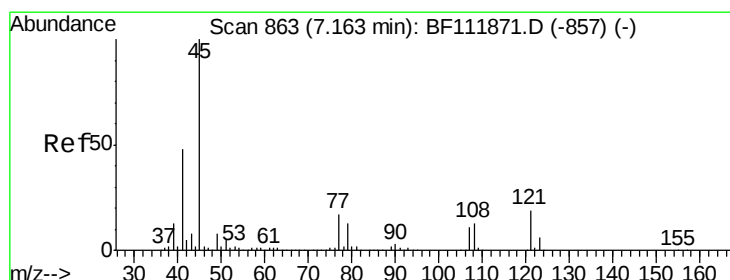
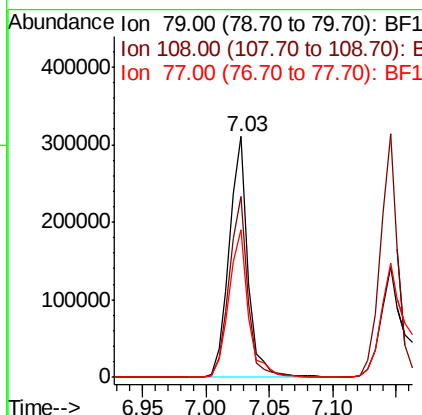
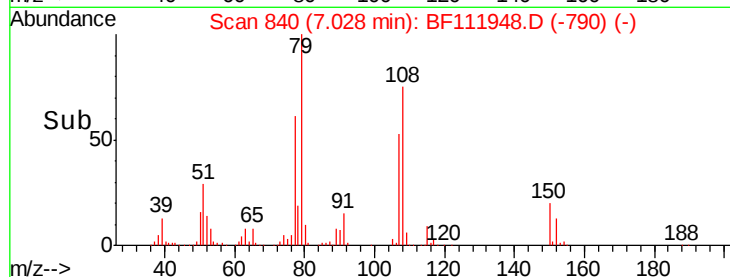
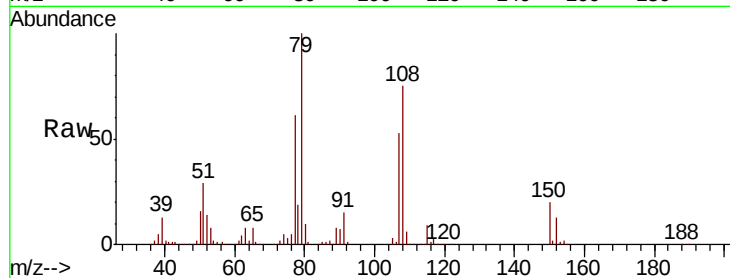
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	316953
Ion Ratio	Lower	Upper	
79	100		
108	74.9	61.4	92.0
77	61.4	50.4	75.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.451 ng

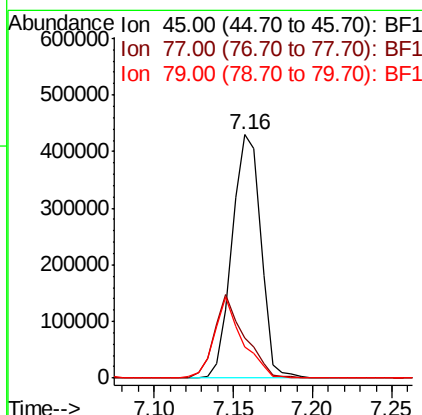
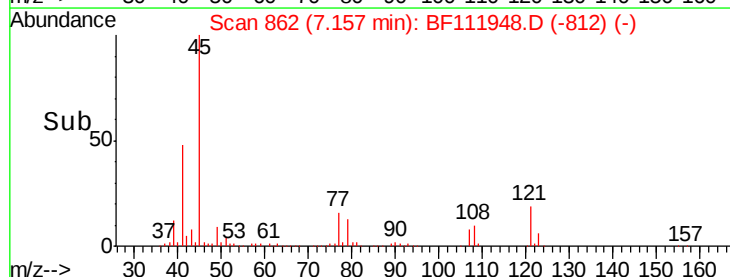
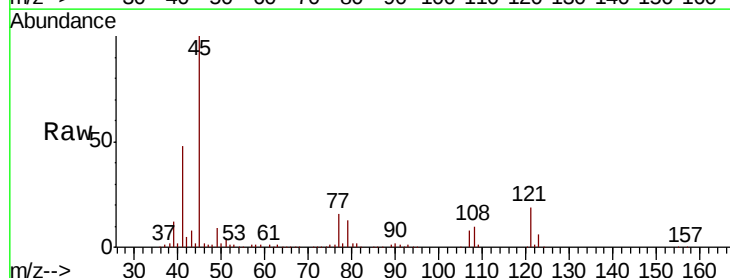
RT: 7.16 min Scan# 862

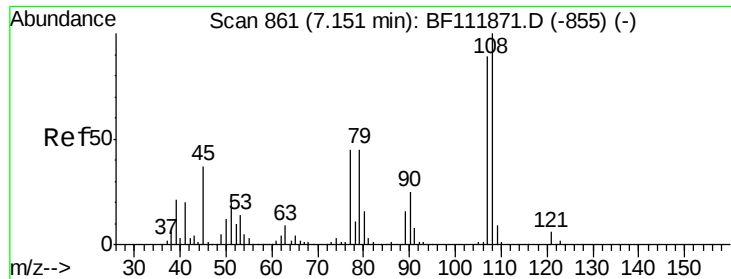
Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Tgt Ion:	45	Resp:	538746
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	37.1
79	12.9	0.0	33.9





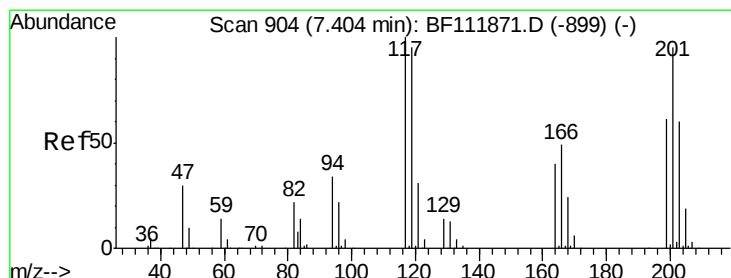
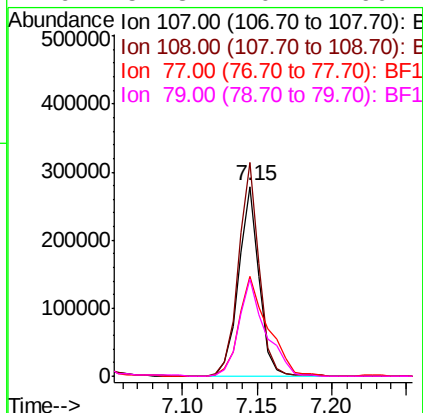
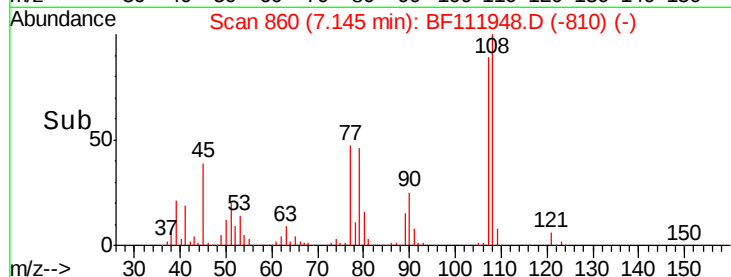
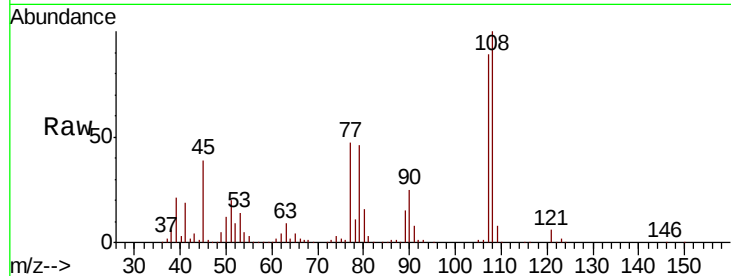
#17
2-Methylphenol
Concen: 37.563 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	268152
Ion Ratio	Lower	Upper	
107	100		
108	112.6	89.7	134.5
77	52.7	40.6	60.8
79	51.3	40.2	60.2

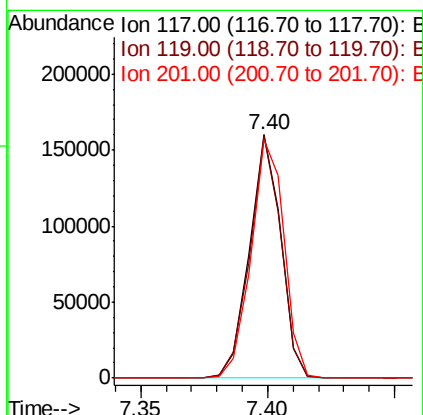
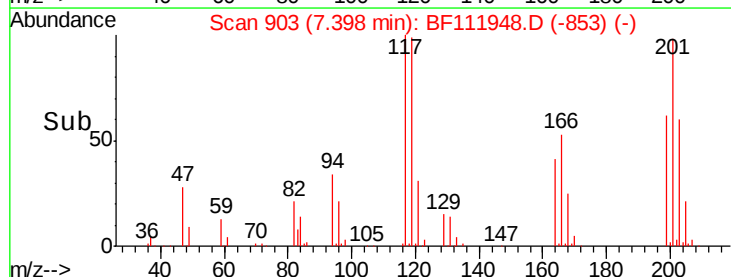
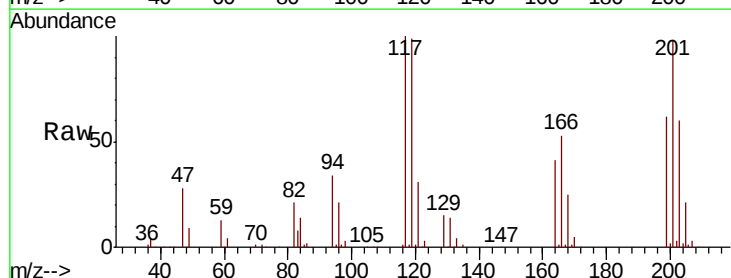
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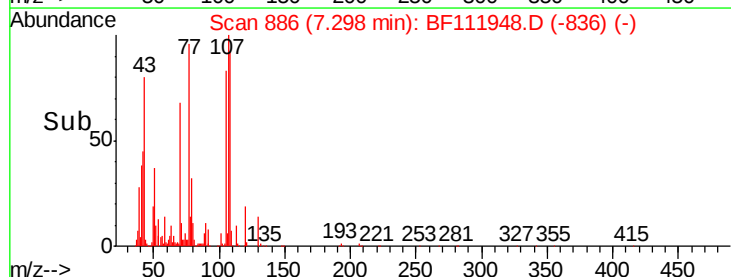
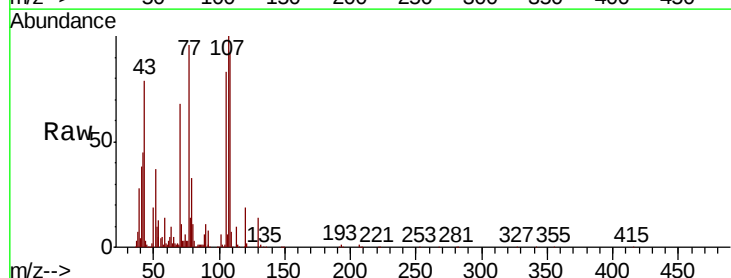
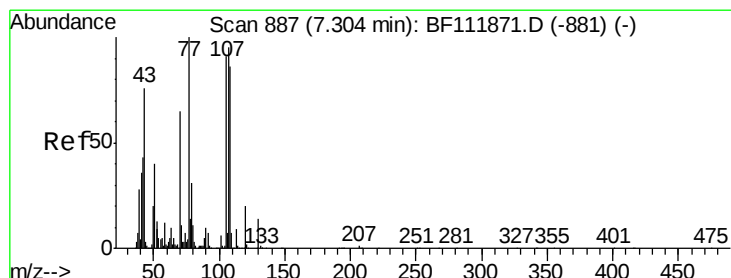
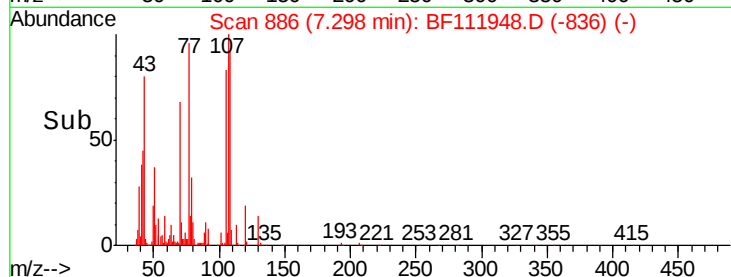
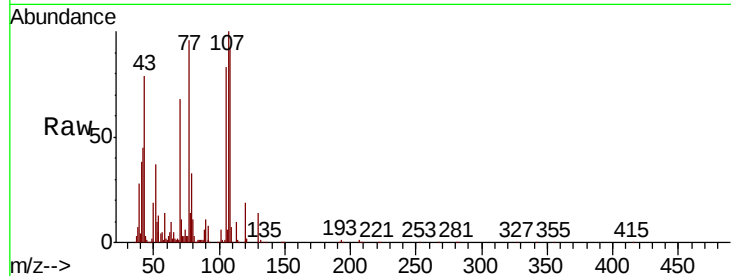
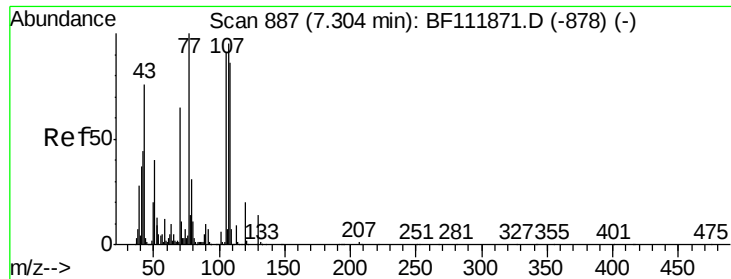
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#18
Hexachloroethane
Concen: 37.712 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

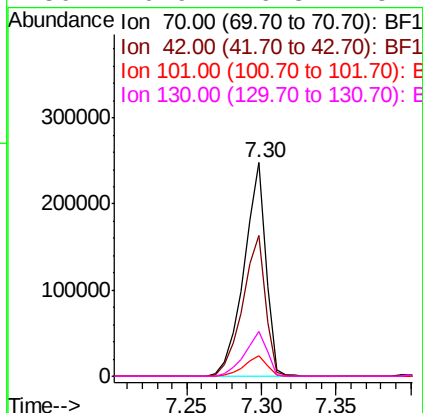
Tgt Ion:	117	Resp:	137583
Ion Ratio	Lower	Upper	
117	100		
119	99.5	76.2	114.2
201	97.9	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 37.652 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.7	53.6	80.4
101	9.4	7.3	10.9
130	20.9	16.8	25.2



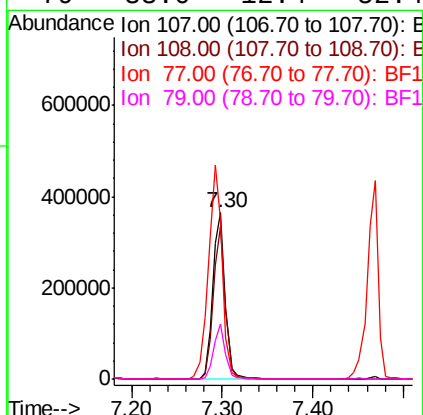
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

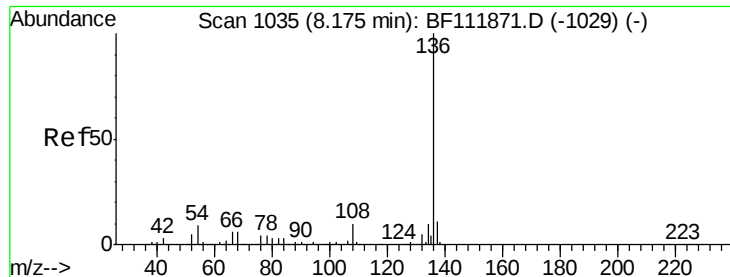
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#20
3+4-Methylphenols
Concen: 39.346 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.1	111.1
77	95.8	85.4	125.4
79	33.0	12.4	52.4





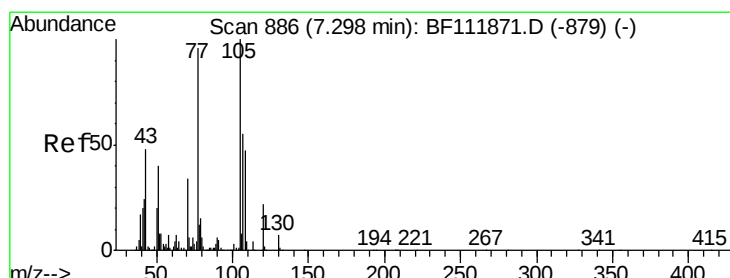
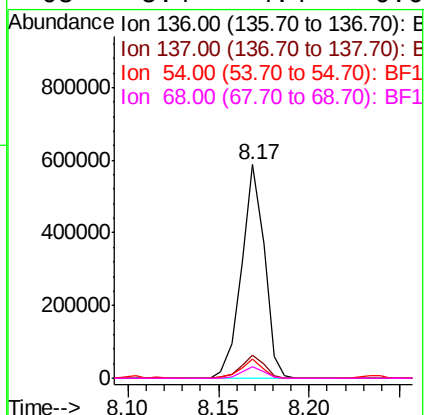
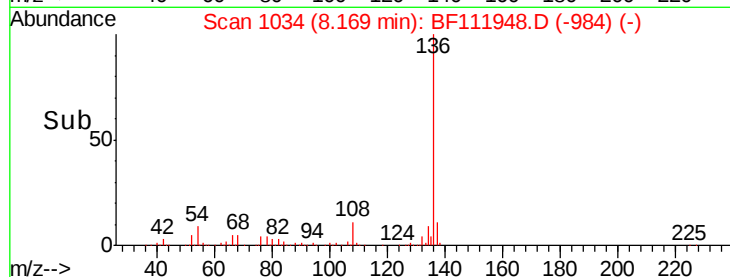
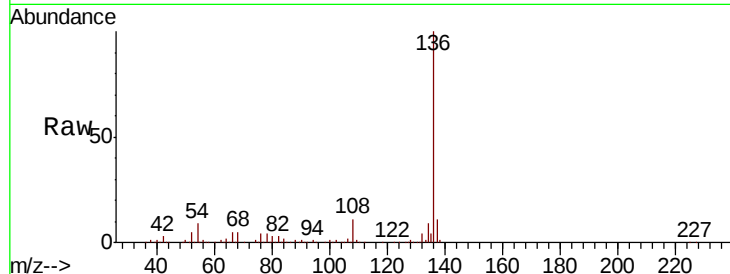
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	515602		
137	10.9		9.1	13.7
54	8.8		7.2	10.8
68	5.4		4.4	6.6

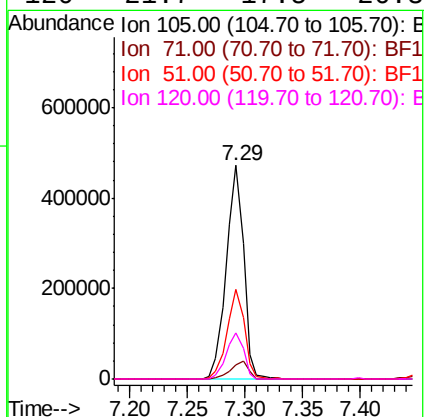
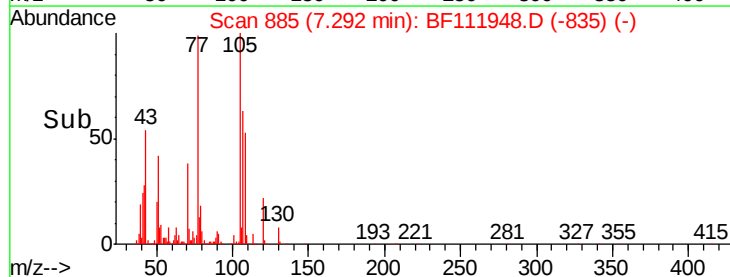
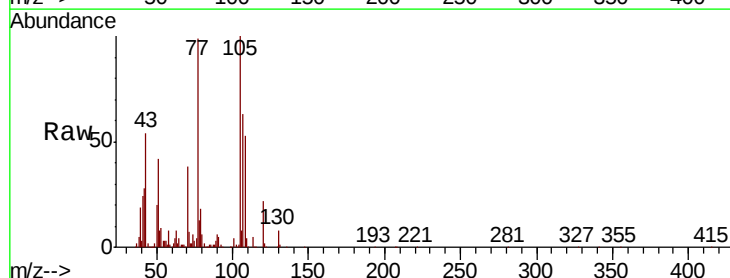
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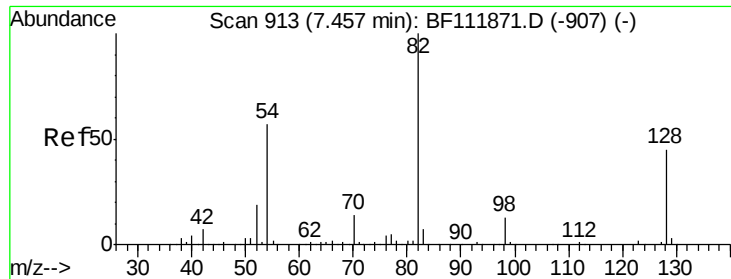
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#22
Acetophenone
Concen: 37.926 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	495064		
71	6.6		4.6	6.8
51	41.8		32.2	48.2
120	21.7		17.5	26.3





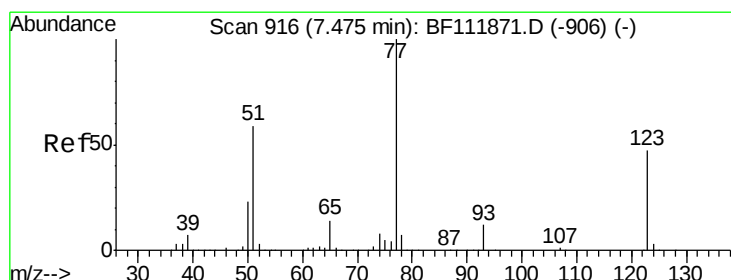
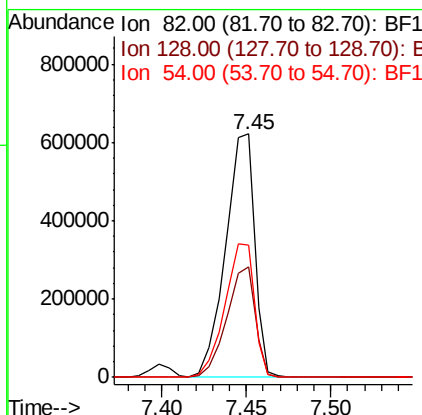
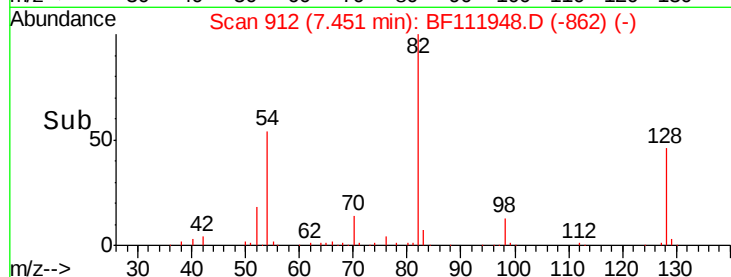
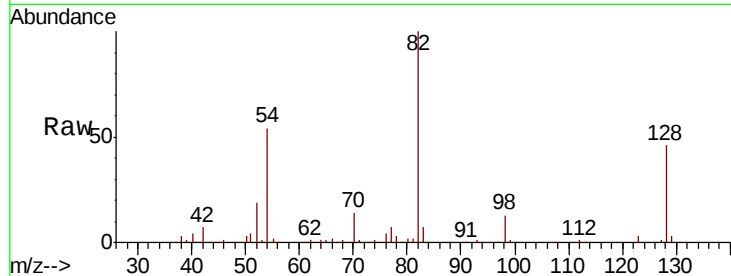
#23
 Nitrobenzene-d5
 Concen: 77.063 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.7	53.5
54	54.3	45.8	68.8

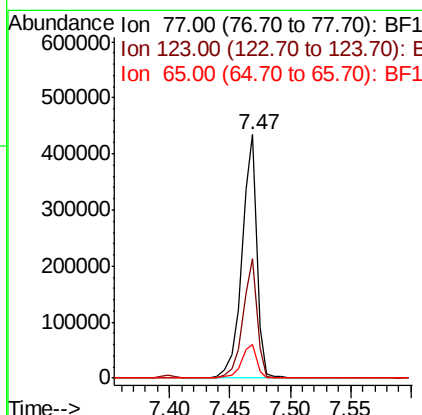
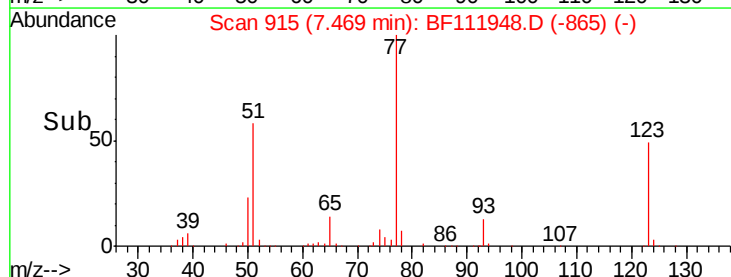
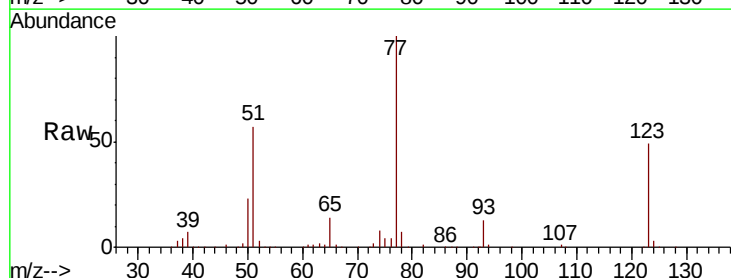
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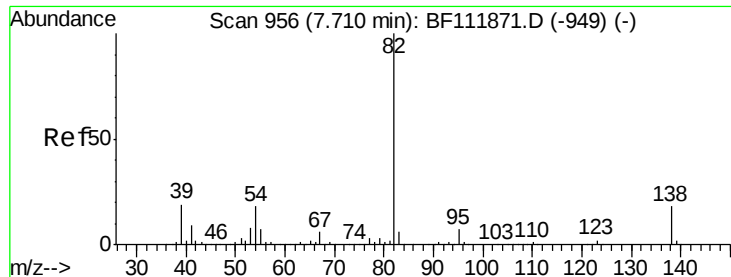
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#24
 Nitrobenzene
 Concen: 38.116 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	38.1	57.1
65	14.1	11.0	16.4





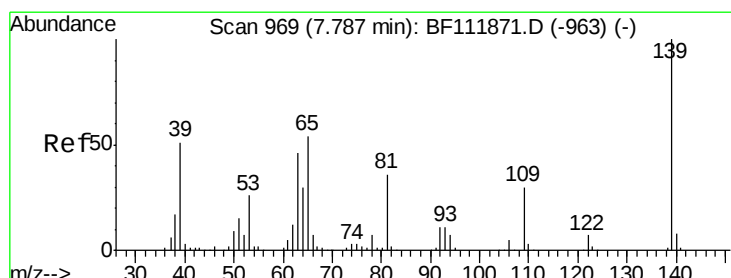
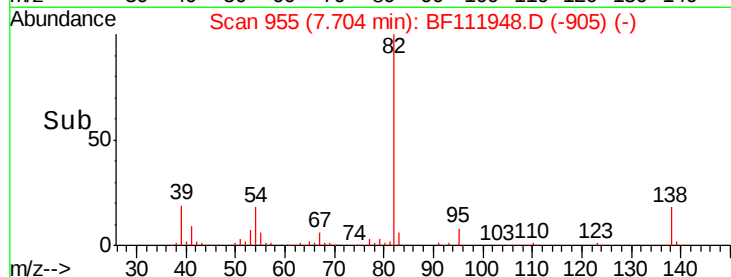
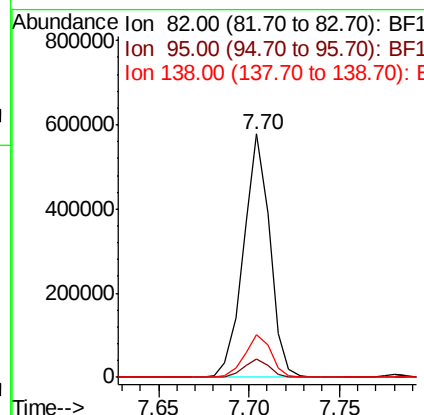
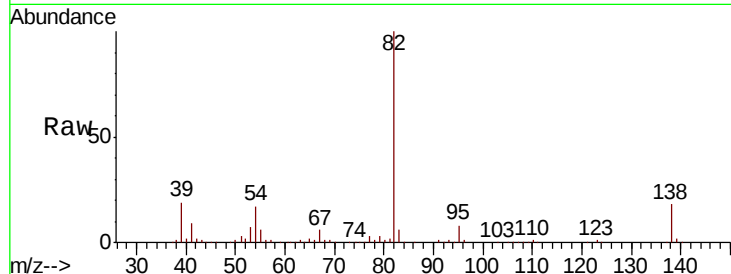
#25
Isophorone
Concen: 37.260 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.6	5.8	8.6	
138	17.7	14.4	21.6	

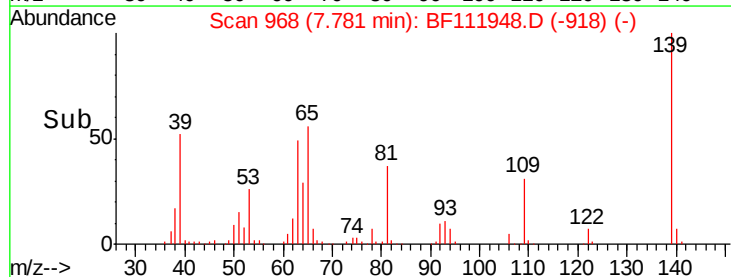
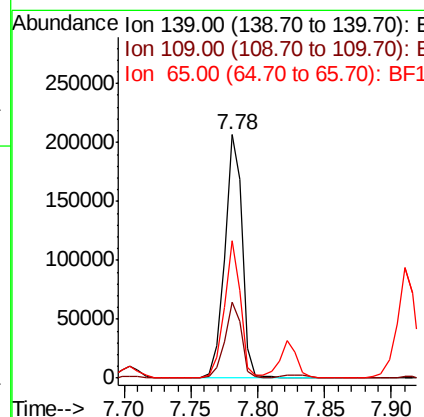
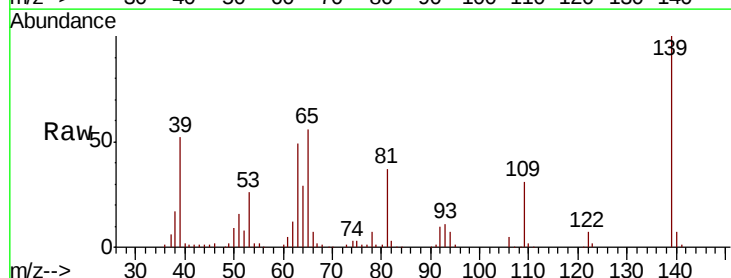
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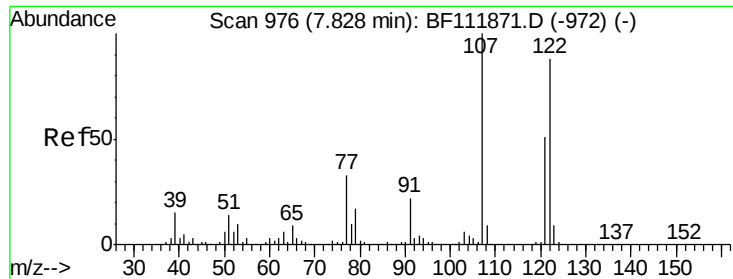
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#26
2-Nitrophenol
Concen: 39.904 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.3	24.1	36.1	
65	56.4	43.6	65.4	





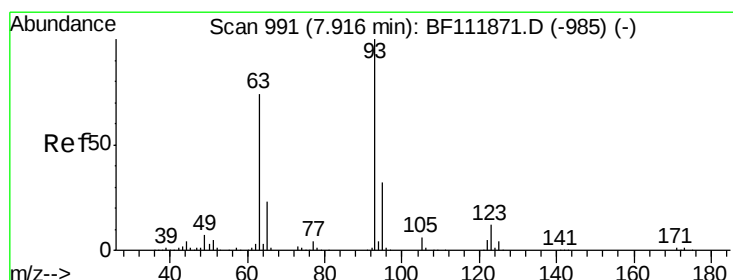
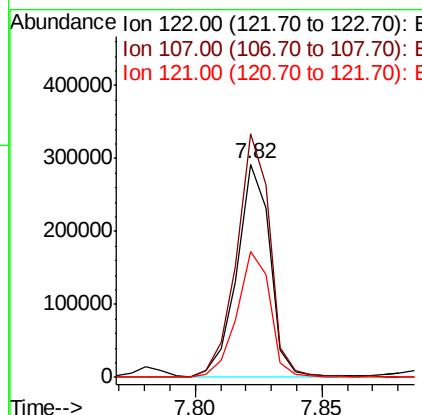
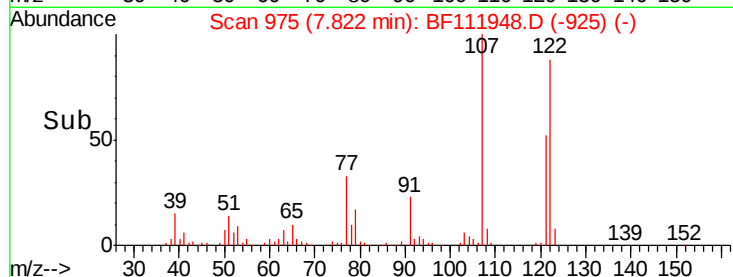
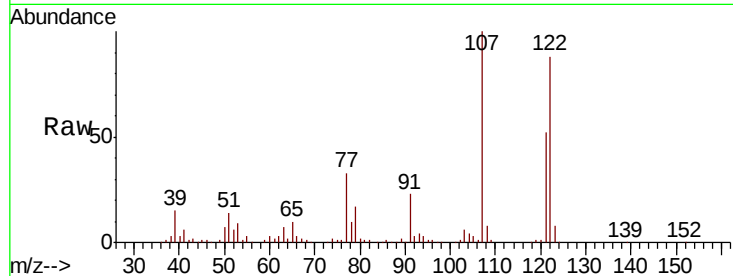
#27
2,4-Dimethylphenol
Concen: 38.366 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	91.0	136.6
121	59.1	46.8	70.2

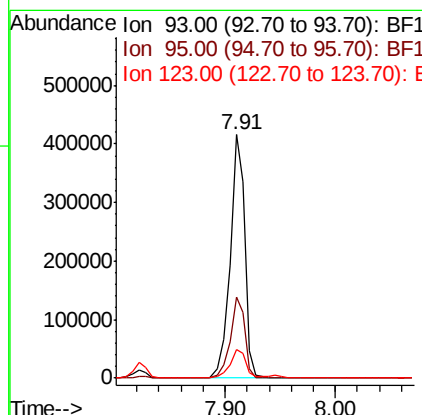
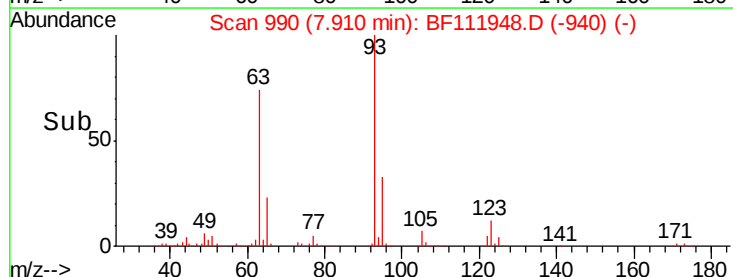
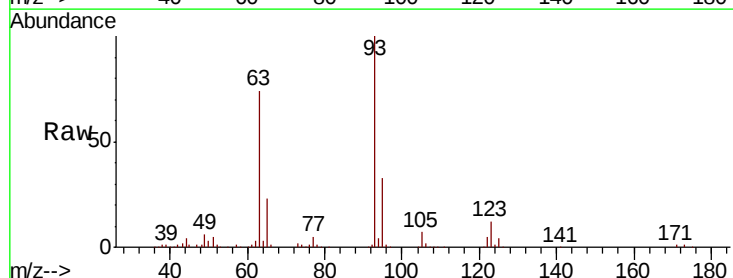
Manual Integrations
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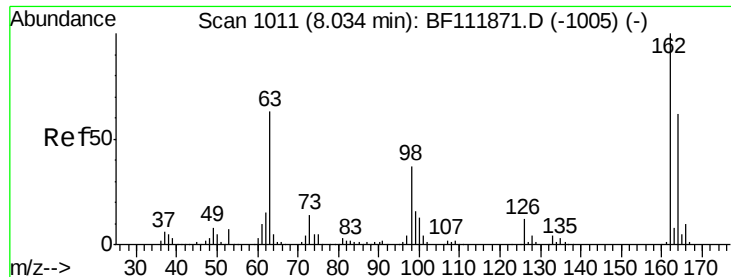
Sohil
1/10/2019 11:45:53 AM



#28
bis(2-Chloroethoxy)methane
Concen: 36.981 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.8	38.6
123	11.6	9.5	14.3





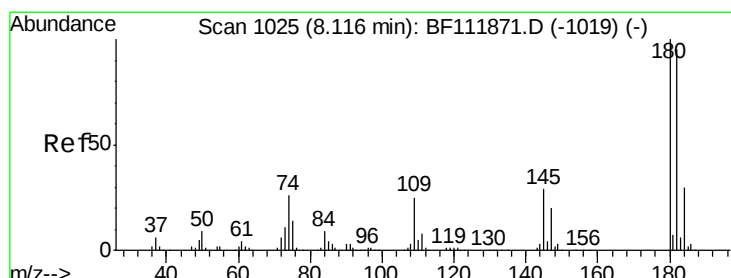
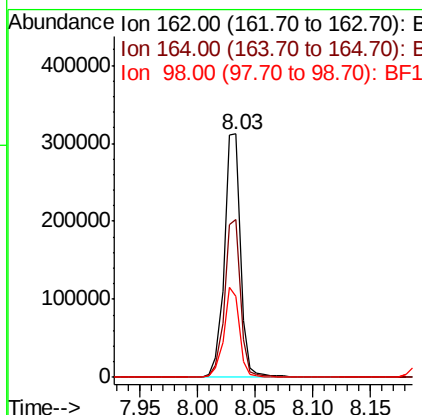
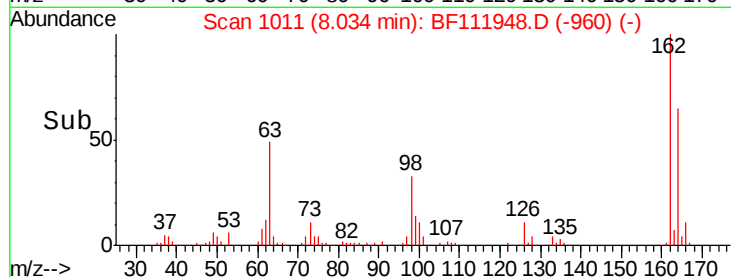
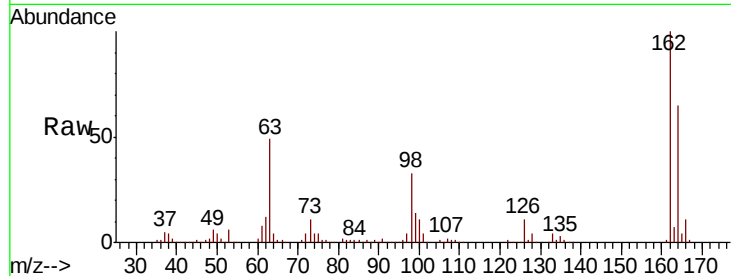
#29
2,4-Dichlorophenol
Concen: 38.229 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	305417		
164	64.7	42.1	82.1	
98	33.2	17.2	57.2	

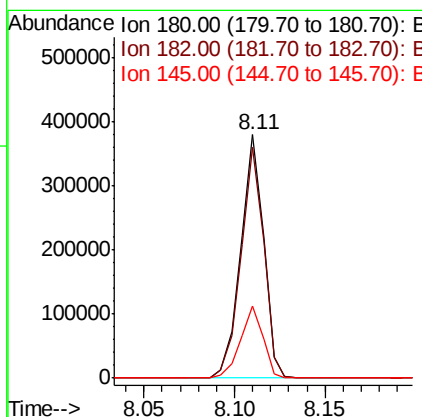
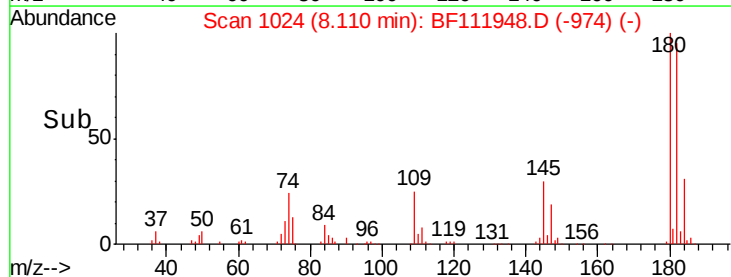
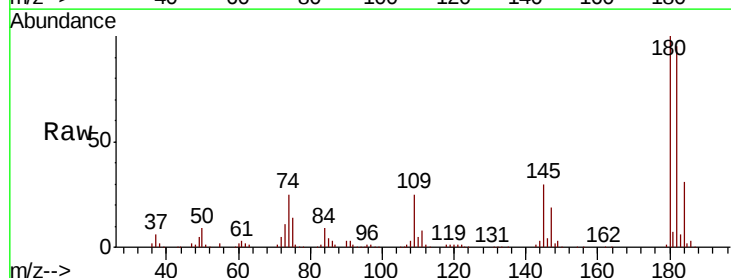
Manual Integrations
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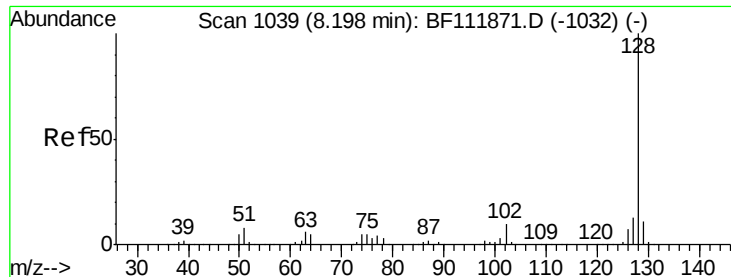
Sohil
1/10/2019 11:45:53 AM



#30
1,2,4-Trichlorobenzene
Concen: 37.845 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	333546		
182	94.9	76.2	114.4	
145	29.8	23.4	35.2	





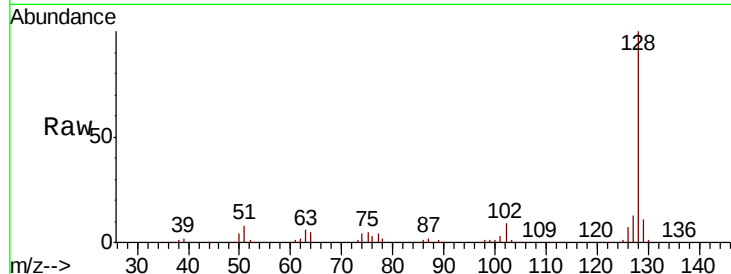
#31
Naphthalene
Concen: 38.280 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.3	10.7	16.1

Manual Integrations
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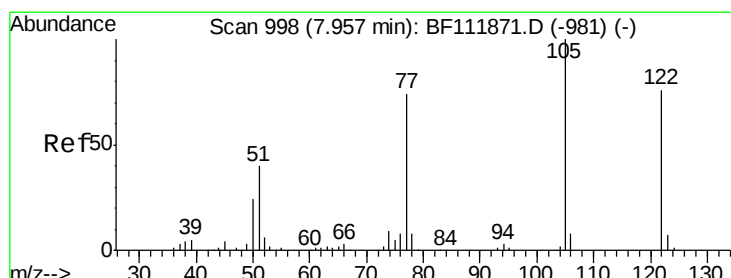
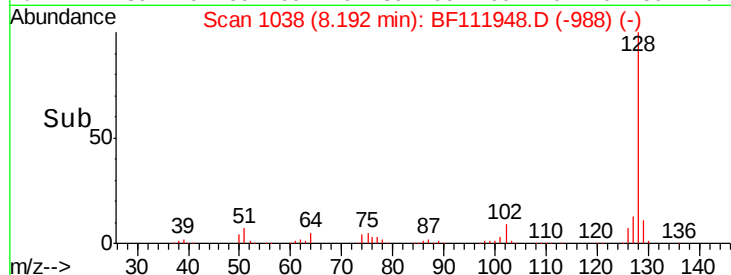
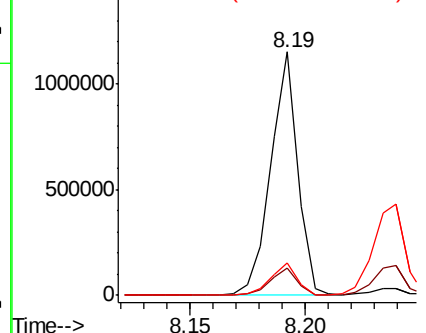


Abundance

Ion 128.00 (127.70 to 128.70): E

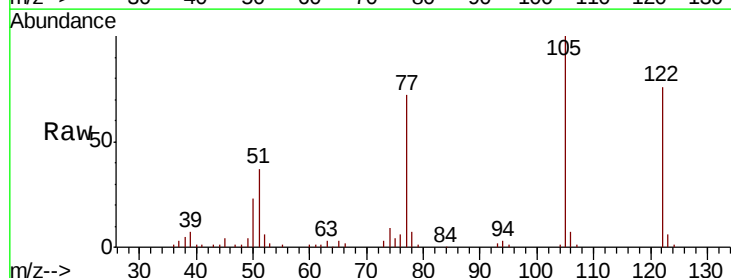
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.479 ng m
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.9	107.9	147.9
77	94.8	76.6	116.6

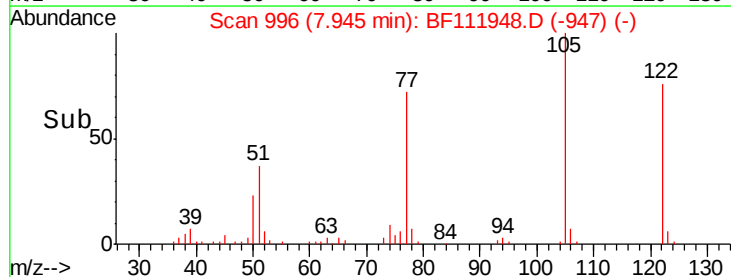
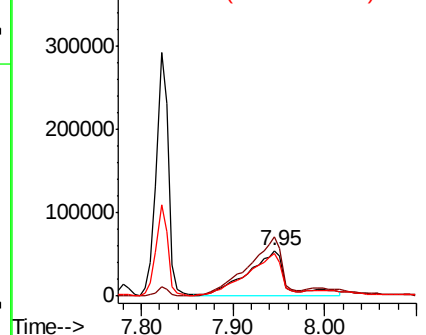


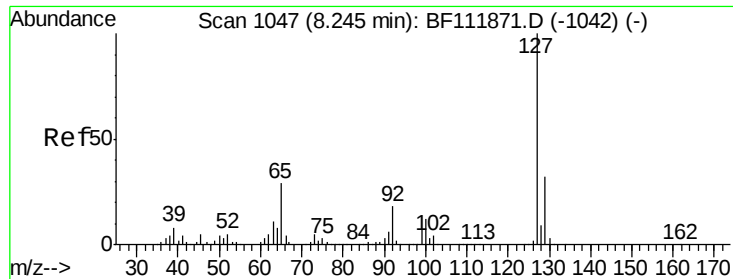
Abundance

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





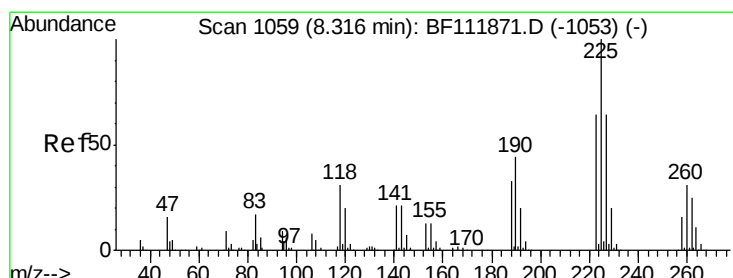
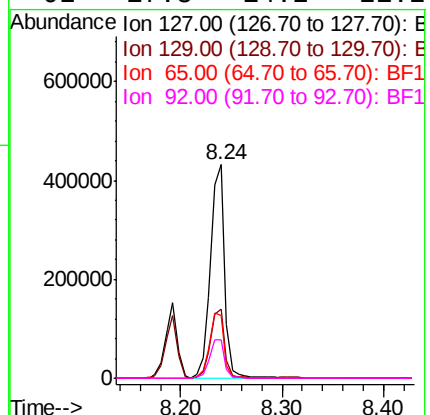
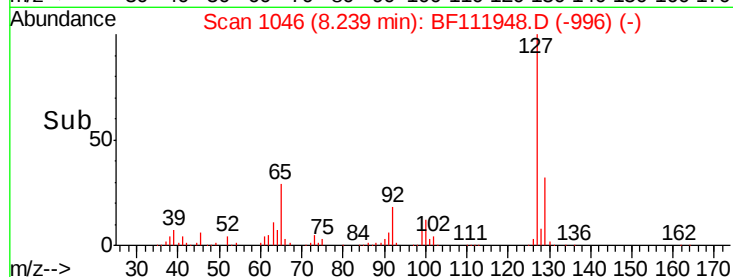
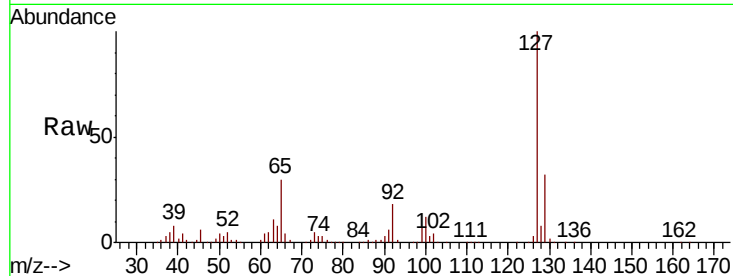
#33
4-Chloroaniline
Concen: 39.668 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.8	38.6		
65	29.7	23.5	35.3		
92	17.8	14.2	21.2		

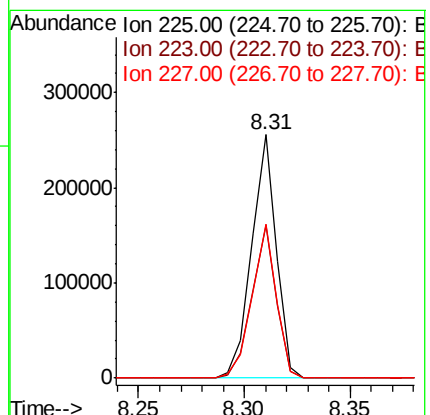
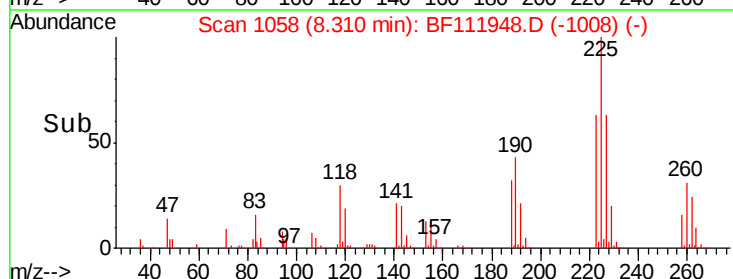
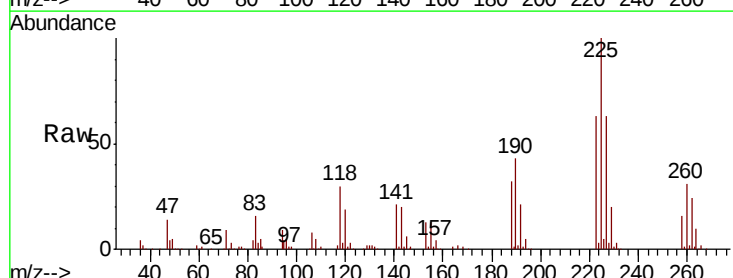
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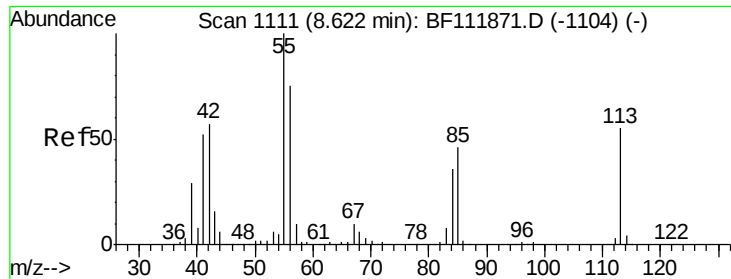
Sohil
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#34
Hexachlorobutadiene
Concen: 37.944 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	50.9	76.3		
227	63.0	51.4	77.0		





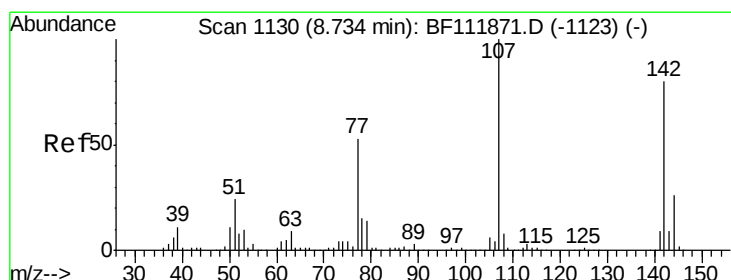
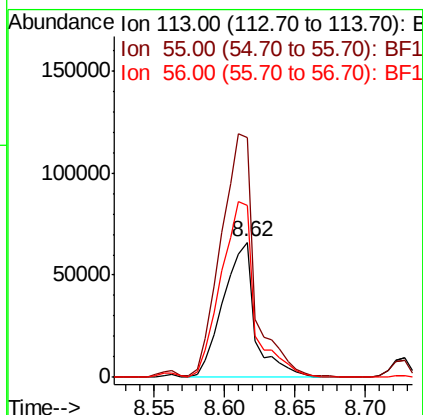
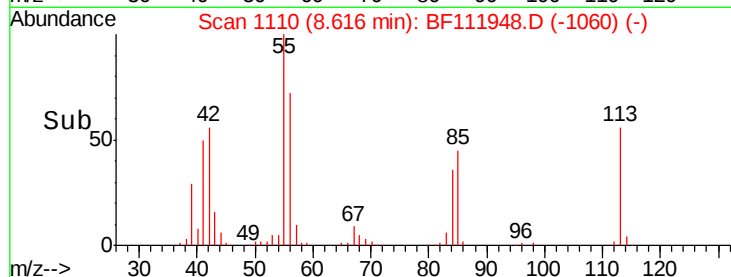
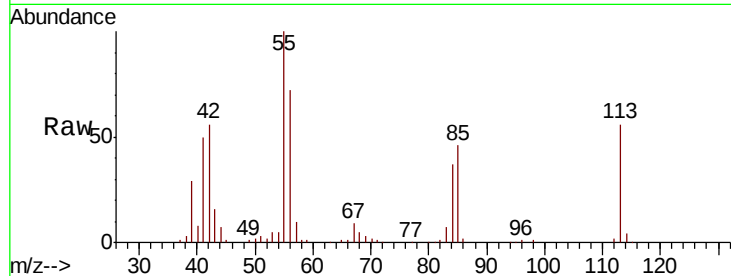
#35
Caprolactam
Concen: 40.020 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	177.3	162.0	202.0
56	127.0	116.0	156.0

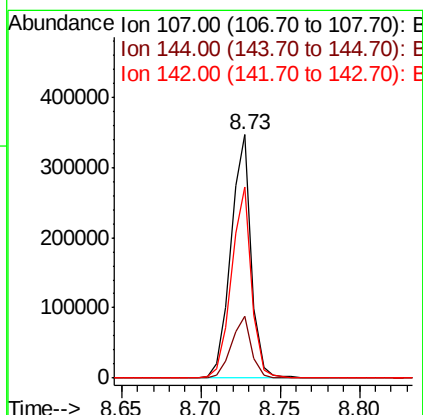
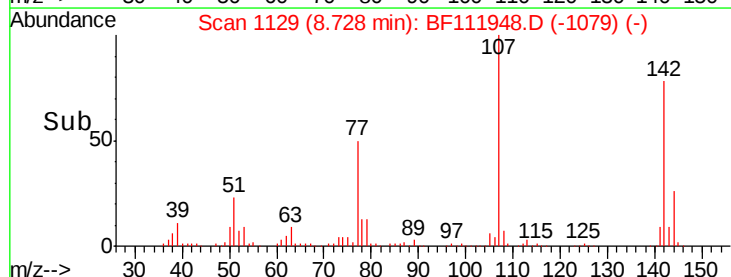
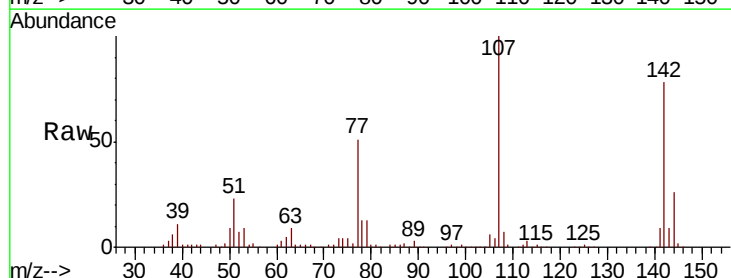
Manual Integrations
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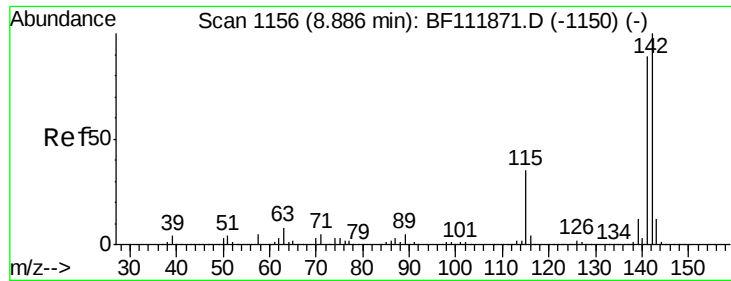
Sohil
1/10/2019 11:45:53 AM



#36
4-Chloro-3-methylphenol
Concen: 38.770 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.7	31.1
142	78.3	63.9	95.9





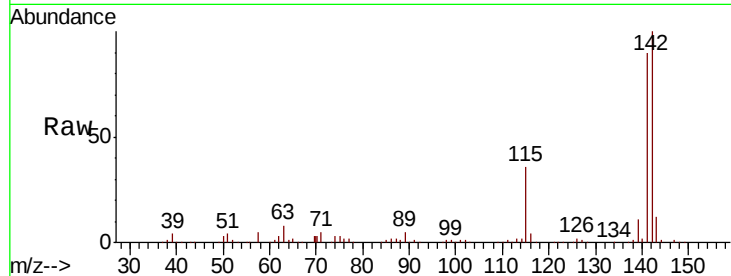
#37
2-Methylnaphthalene
Concen: 40.058 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.2
115	35.8	28.3	42.5

Manual Integrations
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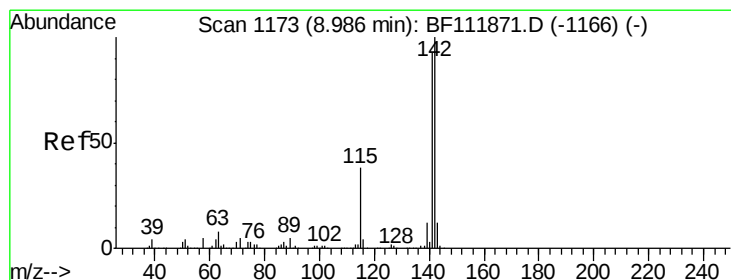
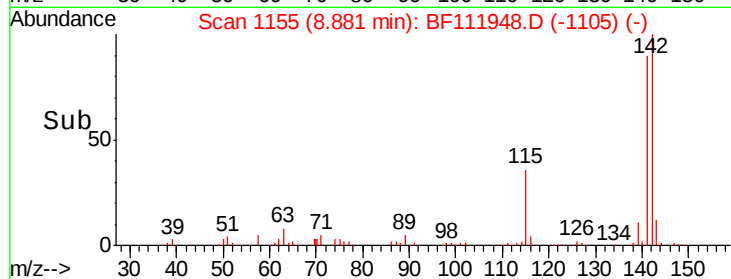
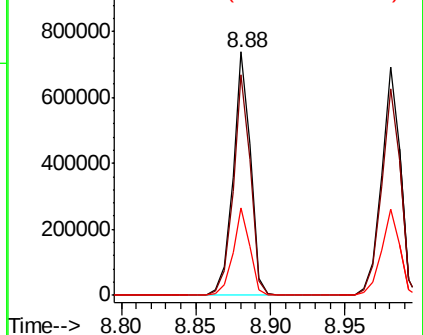


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.674 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

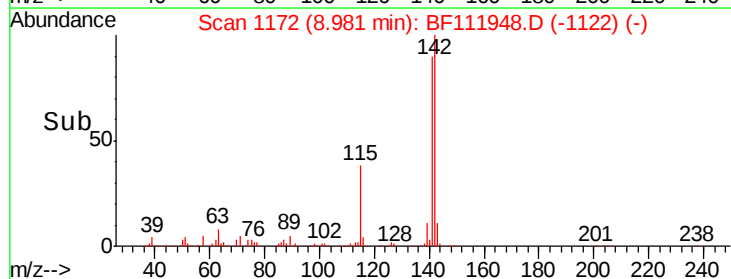
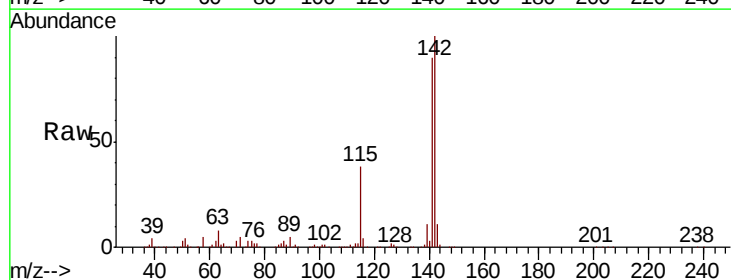
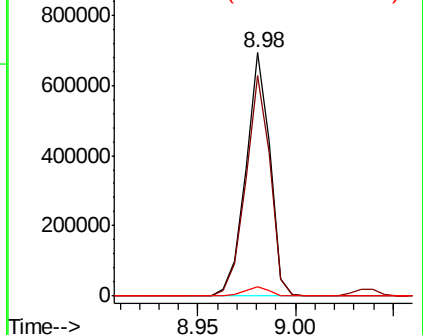
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.8	112.2
116	3.9	3.1	4.7

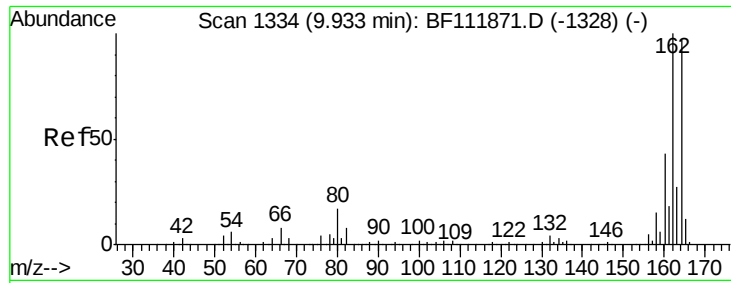
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





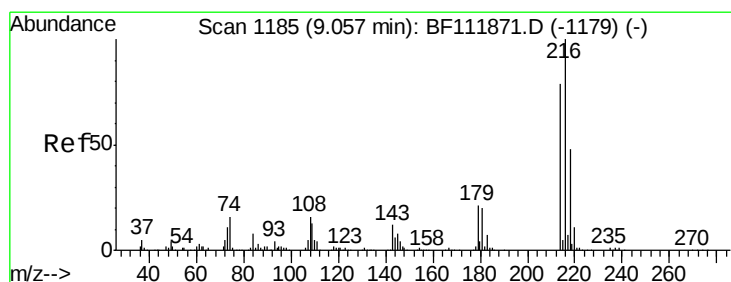
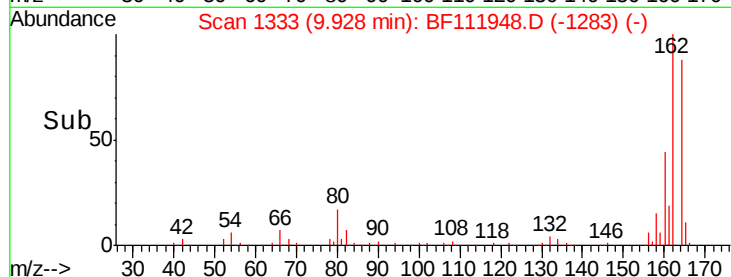
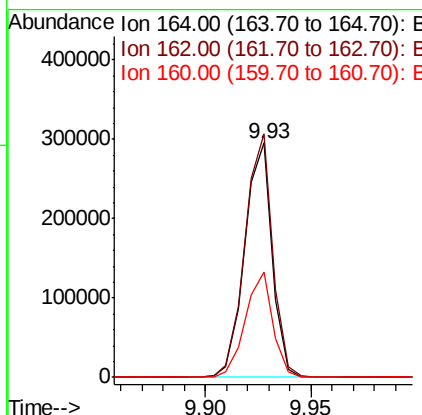
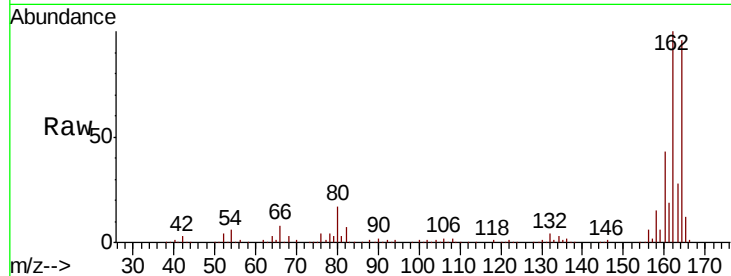
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.0	82.2	123.2	
160	45.1	35.5	53.3	

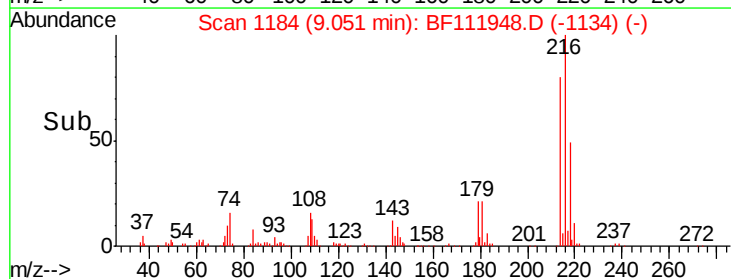
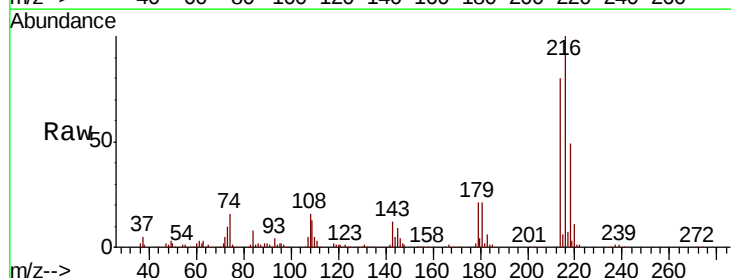
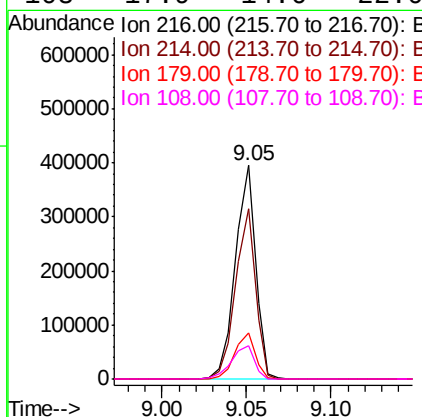
Manual Integrations
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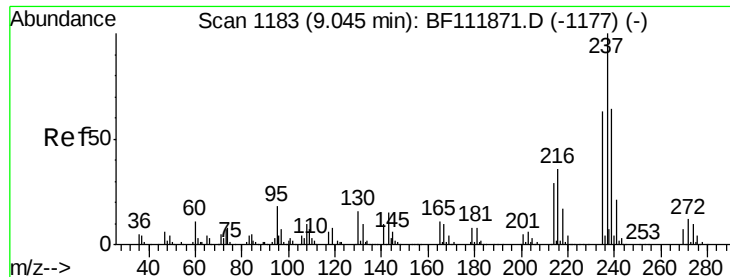
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.913 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.5	95.3	
179	21.3	17.0	25.6	
108	17.9	14.6	22.0	





#41

Hexachlorocyclopentadiene

Concen: 35.737 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

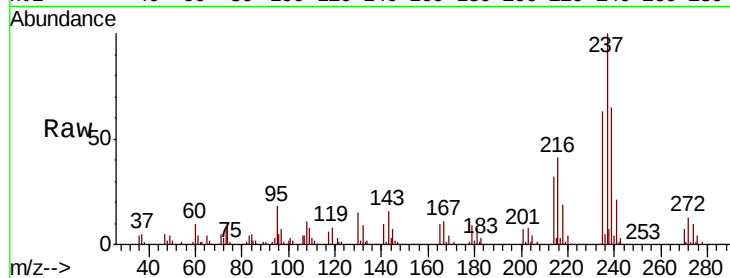
ClientSampleId :

SSTDCCC040

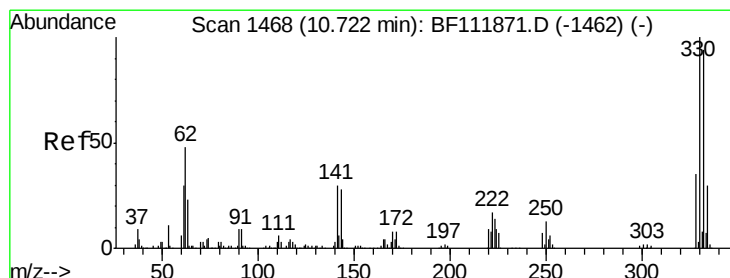
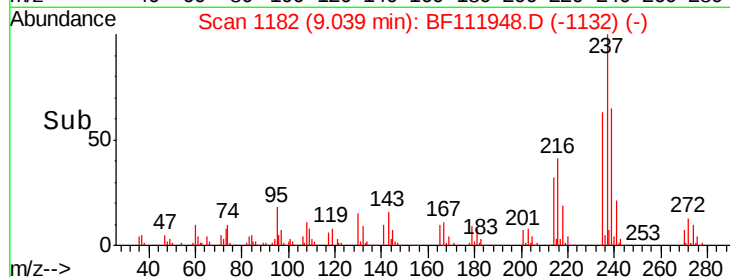
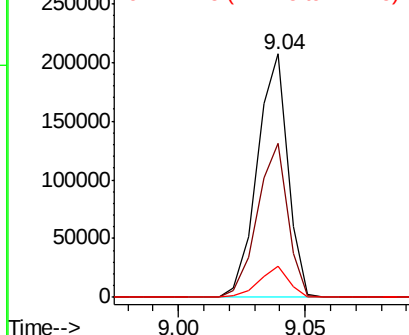
Tot Ion:	237	Resp:	174647
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.6	82.6
272	12.9	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 75.538 ng

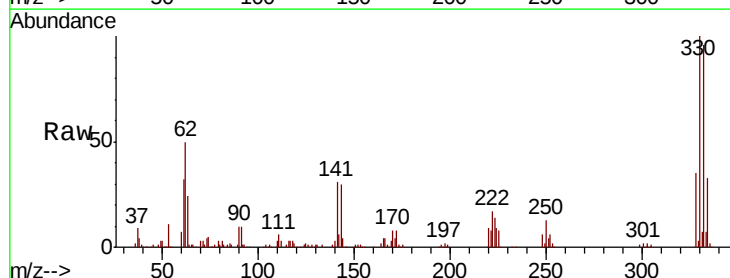
RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

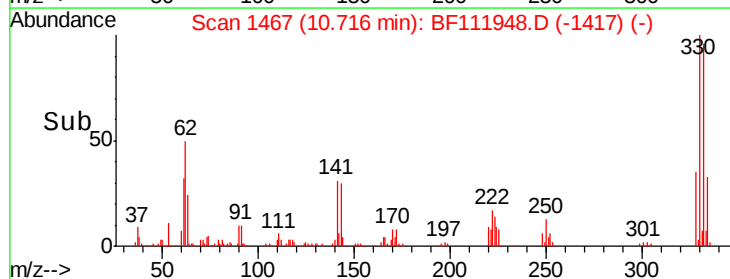
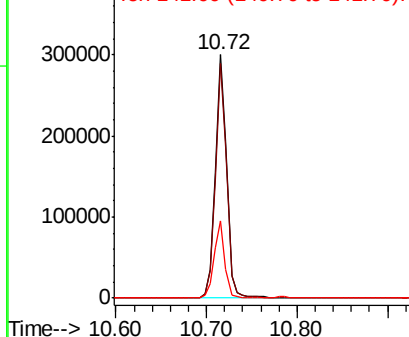
Lab File: BF111948.D

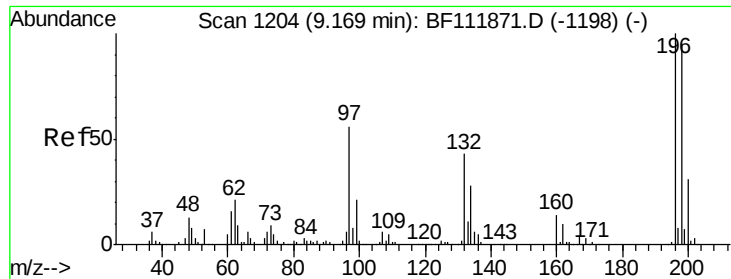
Acq: 9 Jan 2019 14:40

Tgt Ion:	330	Resp:	260482
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.9	115.3
141	30.2	23.7	35.5



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





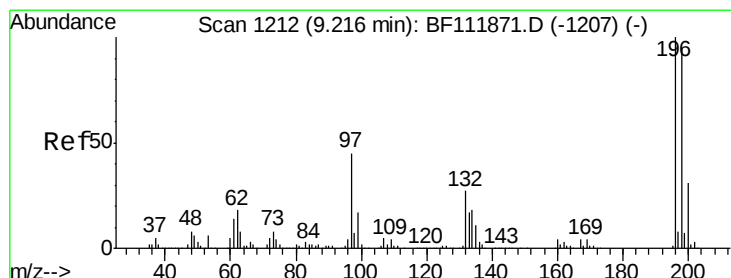
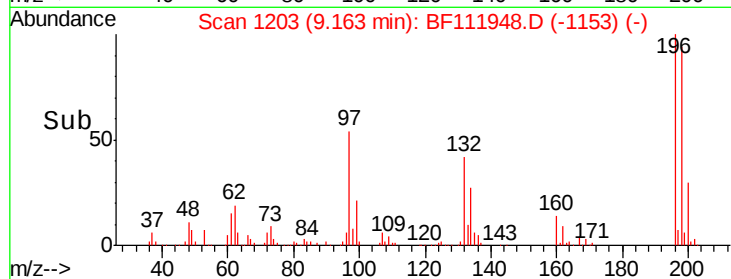
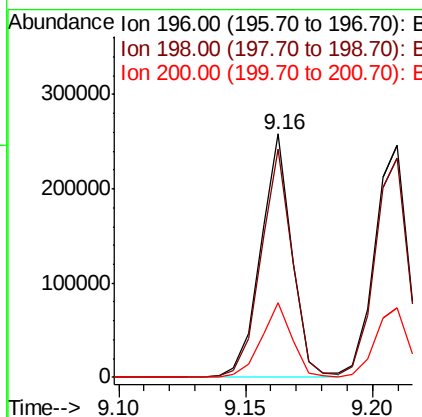
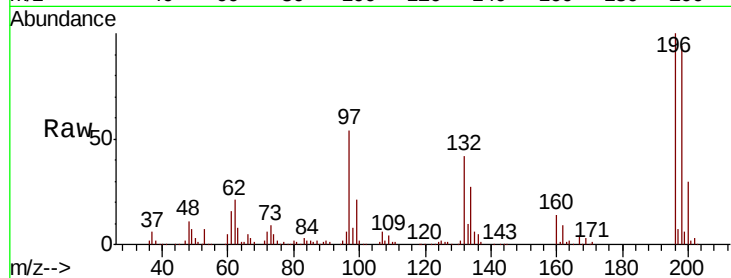
#43
 2,4,6-Trichlorophenol
 Concen: 38.329 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	219731		
198	94.0	75.8	113.8	
200	30.4	24.5	36.7	

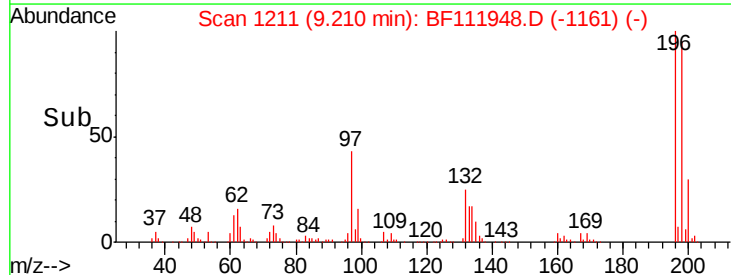
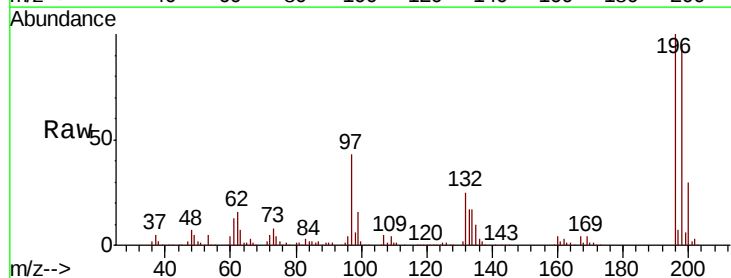
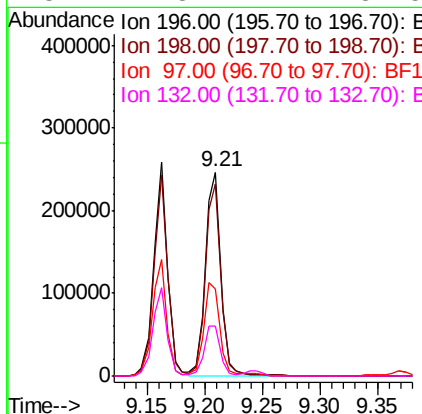
Manual Integrations
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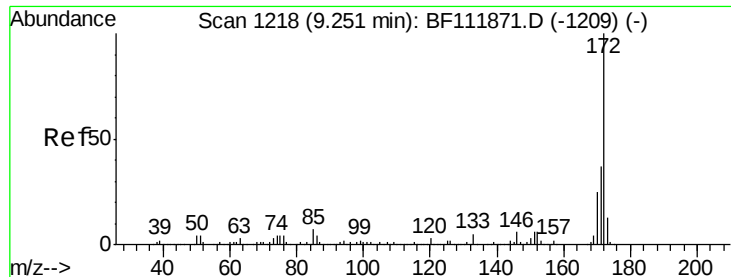
Sohil
 1/10/2019 11:45:53 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.522 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	231373		
198	94.6	76.2	114.2	
97	42.6	36.4	54.6	
132	24.8	21.7	32.5	





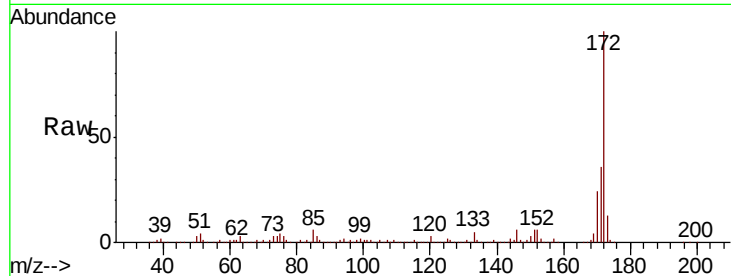
#45
2-Fluorobiphenyl
Concen: 77.296 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.2	19.8	29.8

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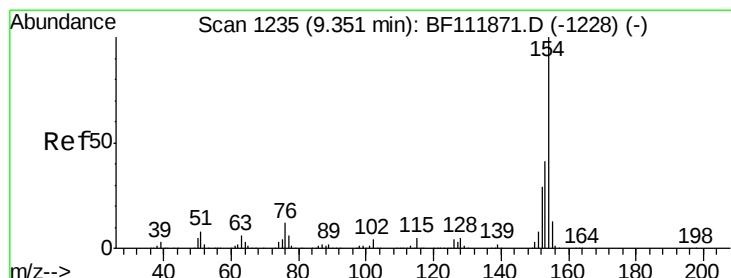
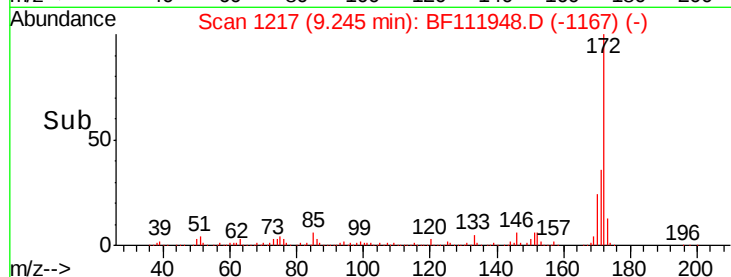
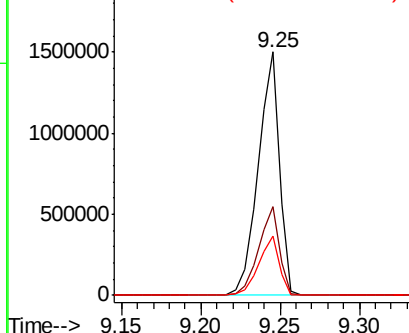


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.348 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

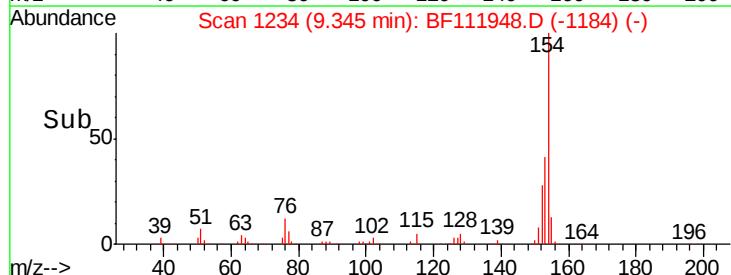
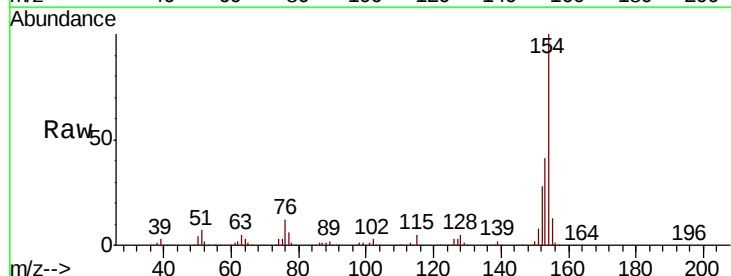
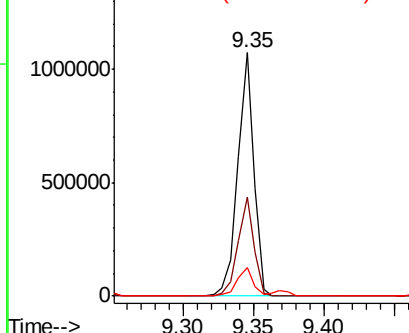
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	11.5	0.0	32.3

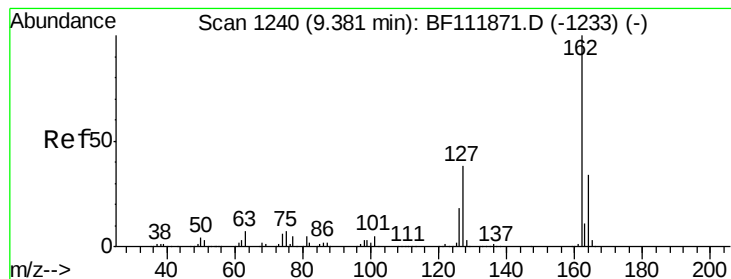
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 38.411 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

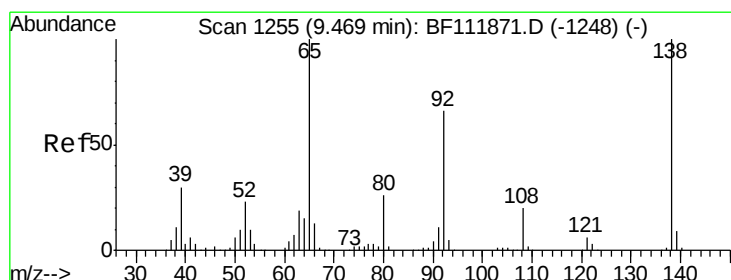
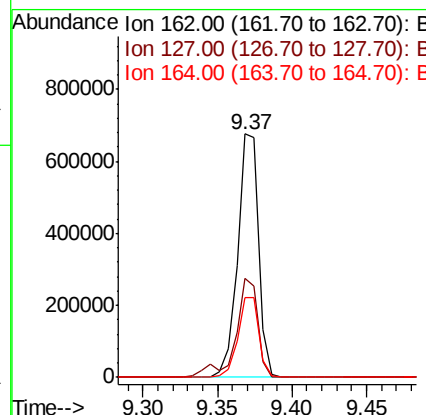
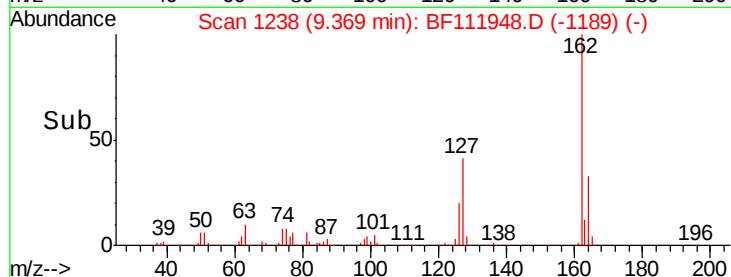
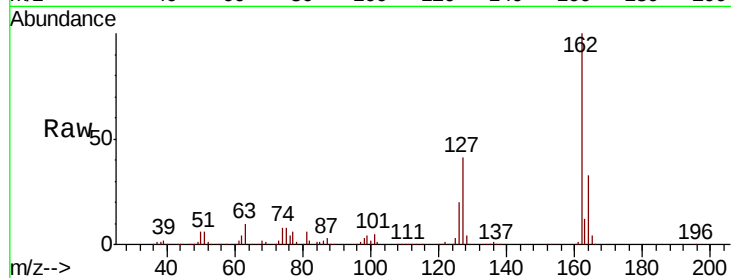
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	668546
Ion Ratio	Lower	Upper	
162	100		
127	40.9	31.2	46.8
164	32.7	27.0	40.6

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#48

2-Nitroaniline

Concen: 40.157 ng

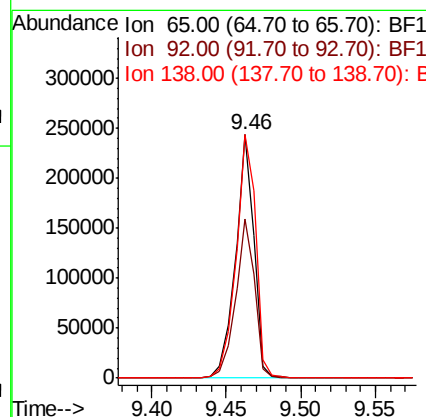
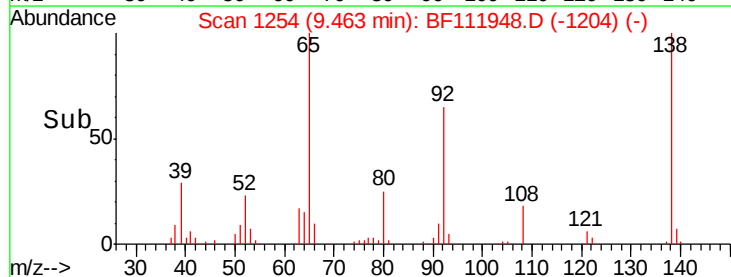
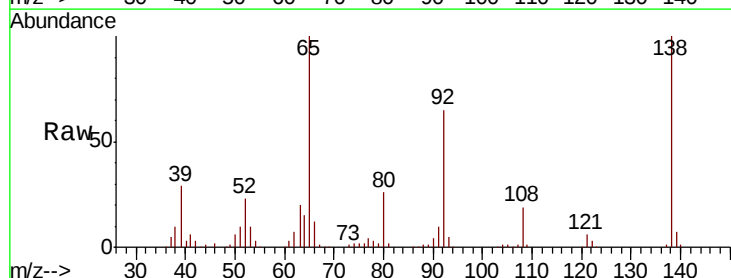
RT: 9.46 min Scan# 1254

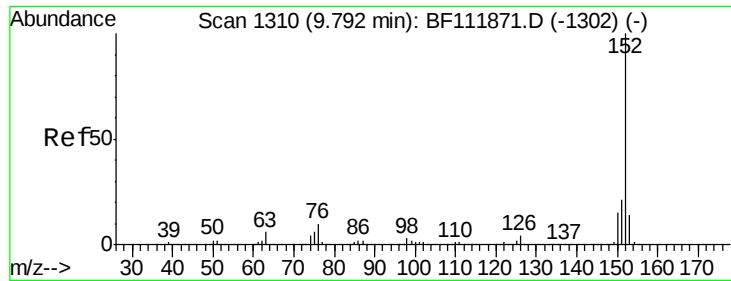
Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Tgt Ion:	65	Resp:	213688
Ion Ratio	Lower	Upper	
65	100		
92	65.2	52.5	78.7
138	100.1	79.8	119.6





#49

Acenaphthylene

Concen: 38.885 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1000592

Ion Ratio Lower Upper

152 100

151 20.2 16.6 25.0

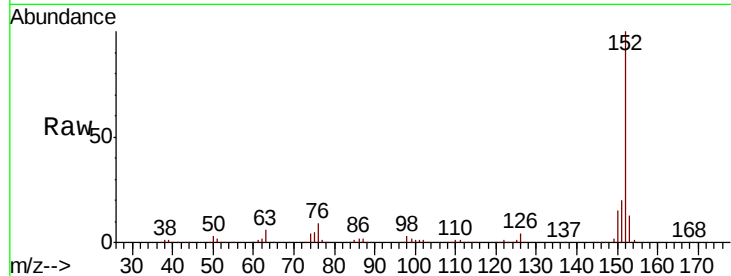
153 13.5 11.0 16.4

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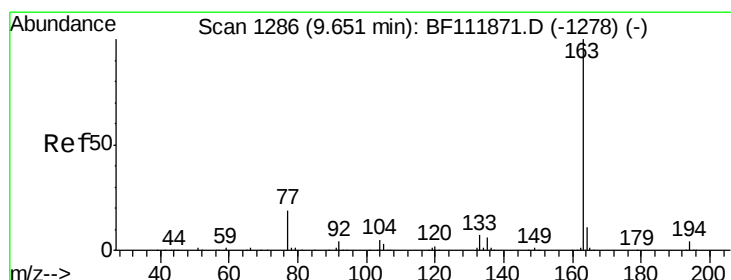
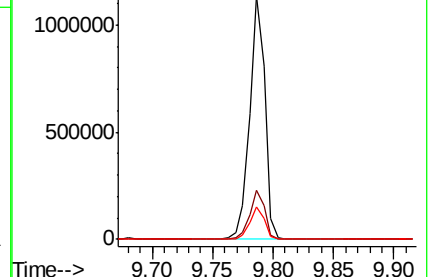
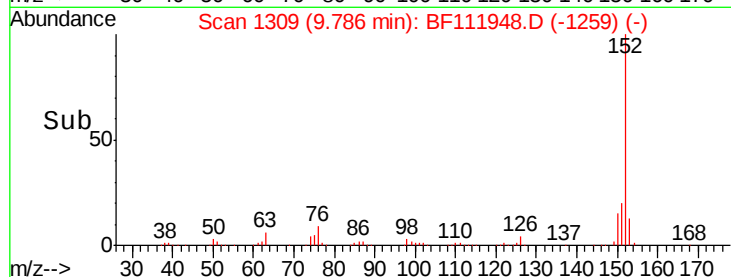
1/10/2019 11:45:53 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.961 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

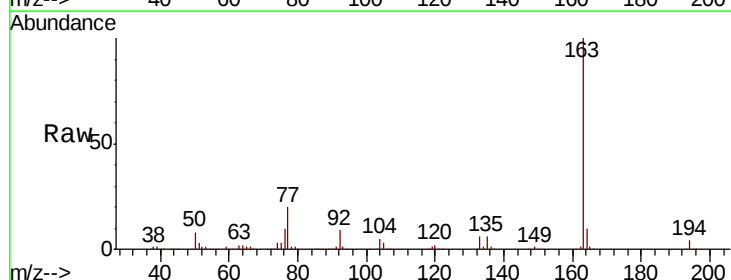
Tgt Ion:163 Resp: 756021

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

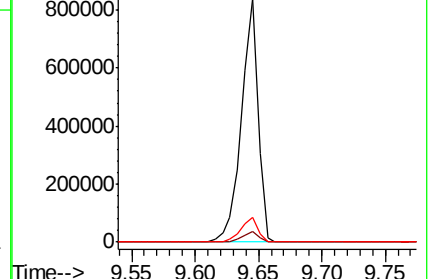
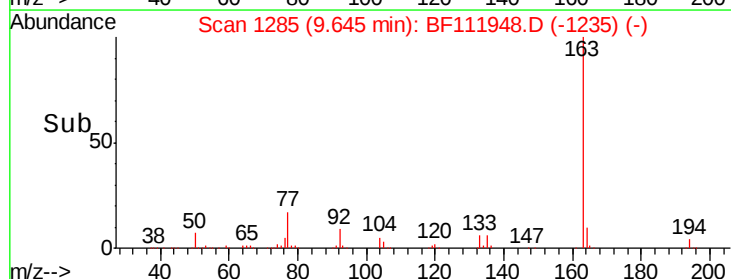
164 10.0 8.5 12.7

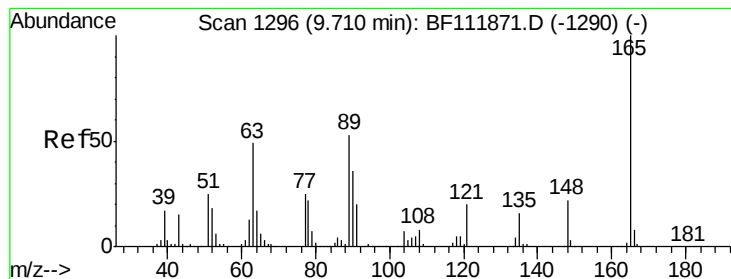


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.397 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

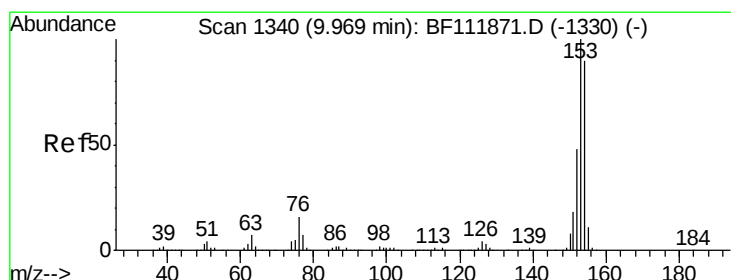
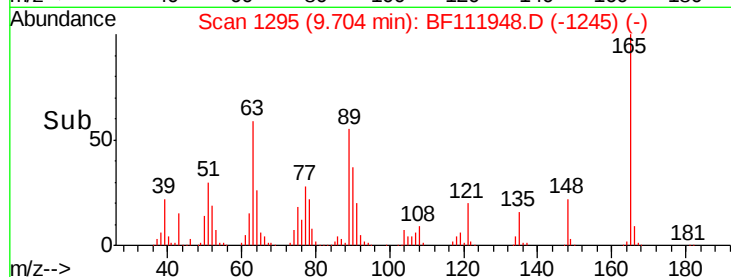
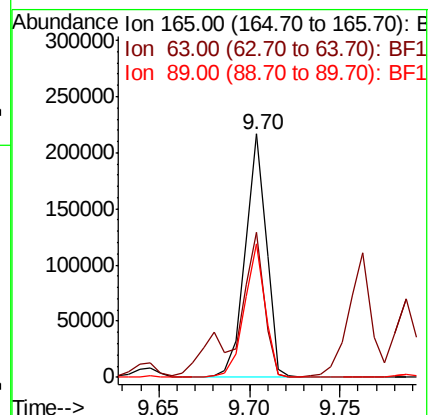
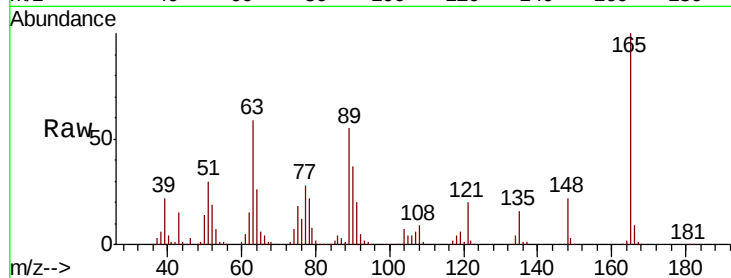
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	175457
Ion Ratio	Lower	Upper	
165	100		
63	59.3	46.2	69.2
89	55.1	42.2	63.2

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#52

Acenaphthene

Concen: 38.168 ng

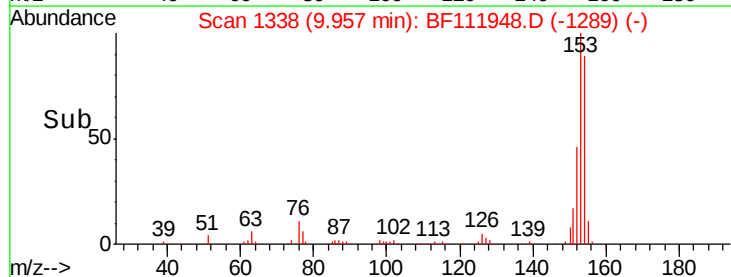
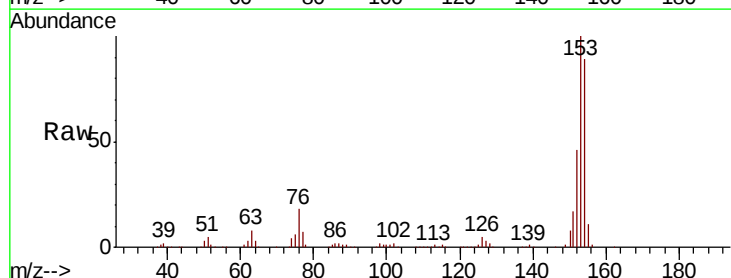
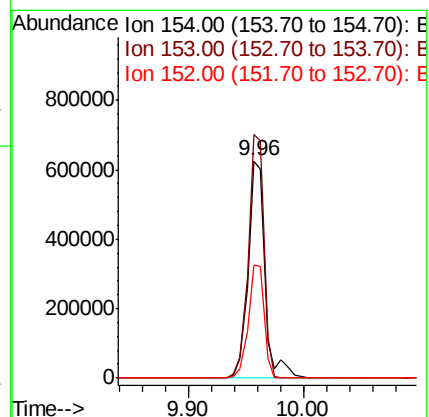
RT: 9.96 min Scan# 1338

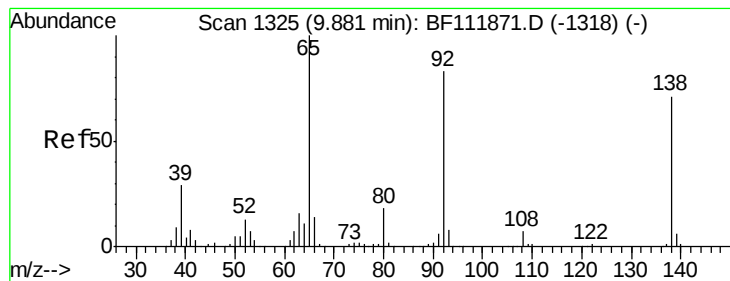
Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Tgt Ion:	154	Resp:	633163
Ion Ratio	Lower	Upper	
154	100		
153	112.2	89.4	134.0
152	51.9	43.1	64.7





#53

3-Nitroaniline

Concen: 40.034 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

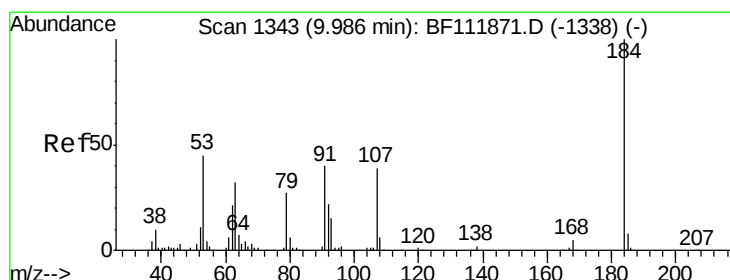
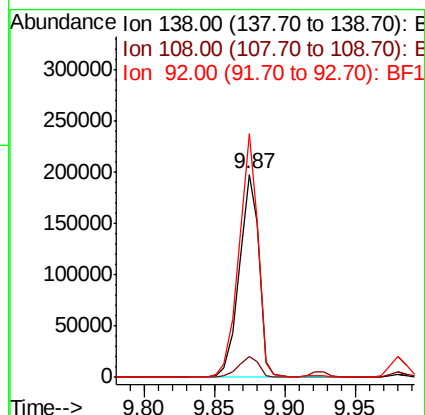
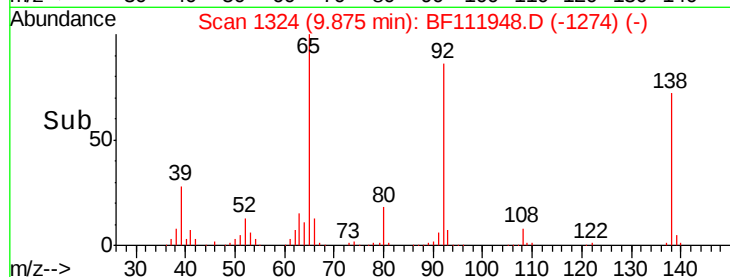
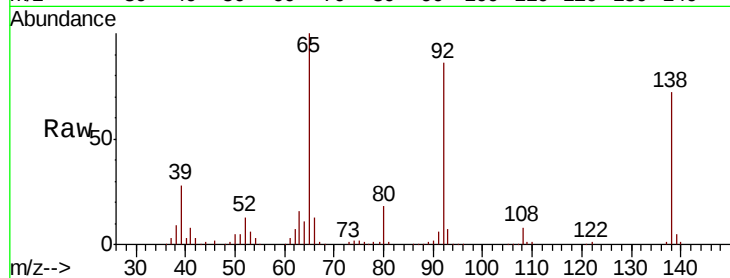
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.2	12.4
92	119.9	93.5	140.3

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#54

2,4-Dinitrophenol

Concen: 38.321 ng

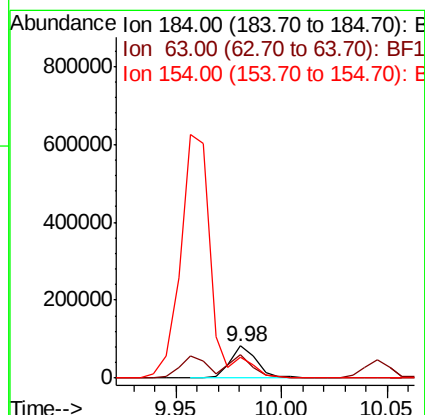
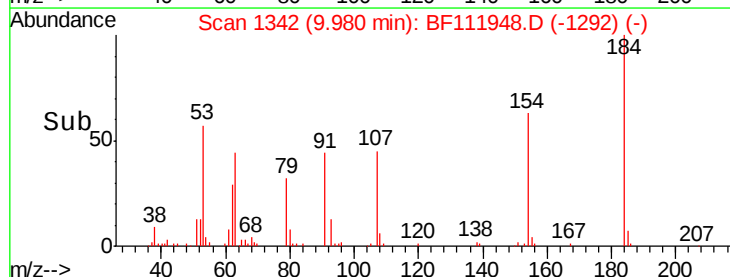
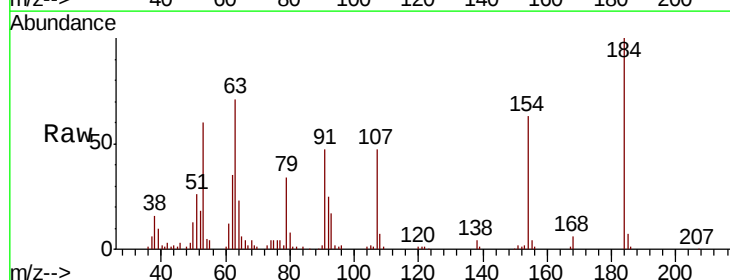
RT: 9.98 min Scan# 1342

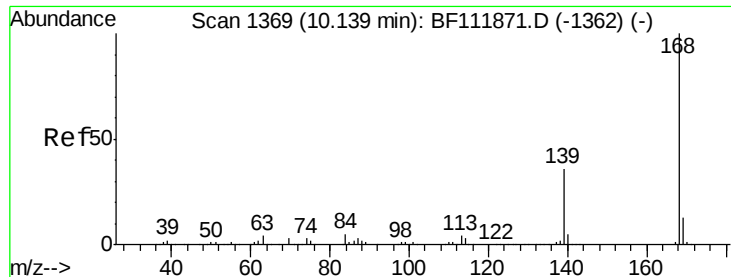
Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.2	46.9	70.3#
154	63.5	46.9	70.3





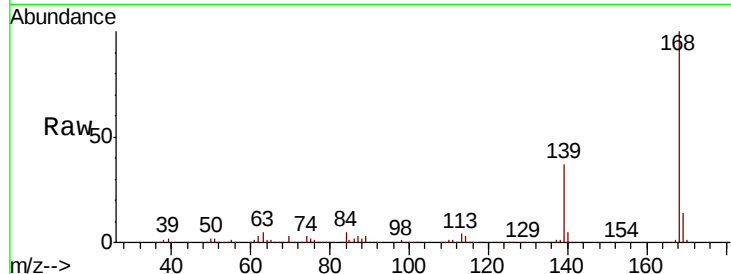
#55
Dibenzenofuran
Concen: 38.973 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.3	43.9
169	13.7	10.6	16.0

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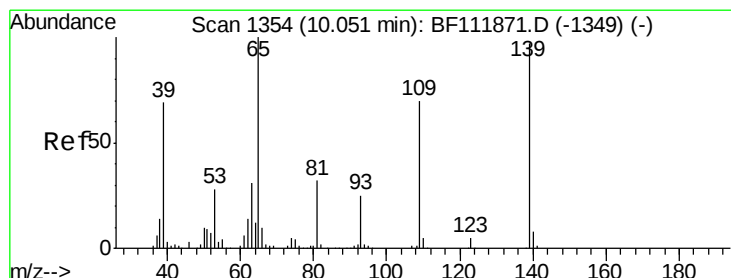
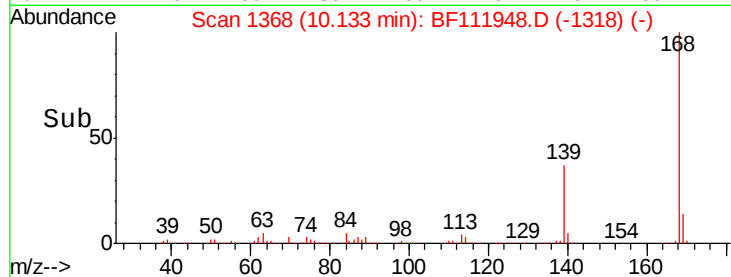
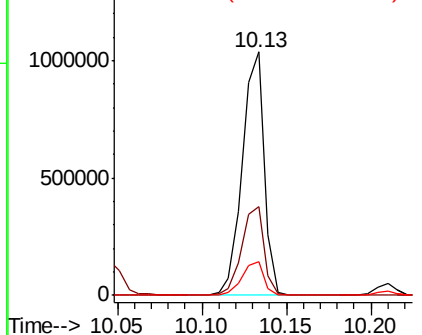


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 39.957 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

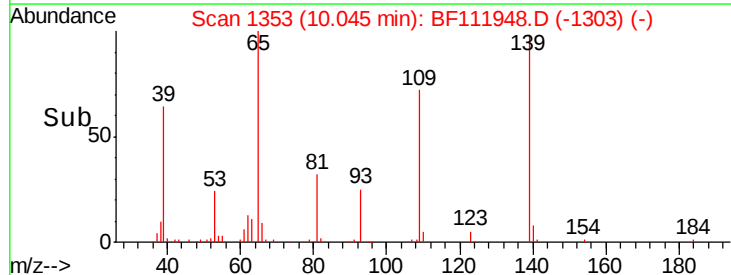
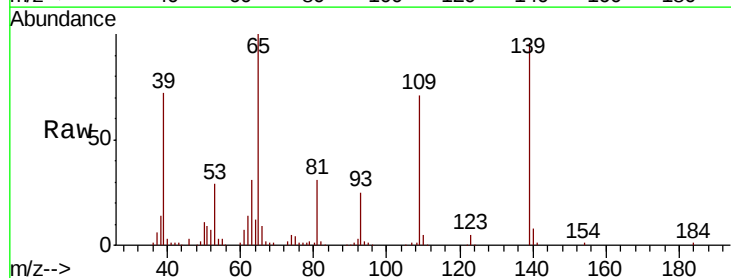
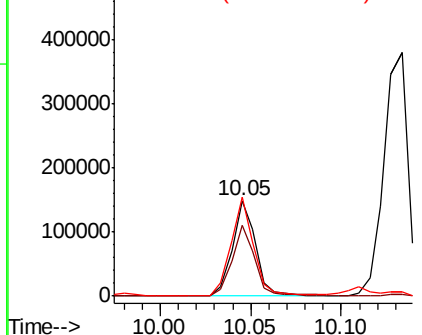
Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.4	52.2	92.2
65	103.6	83.1	123.1

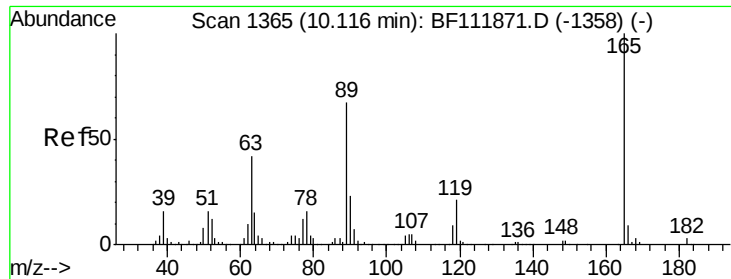
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.830 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

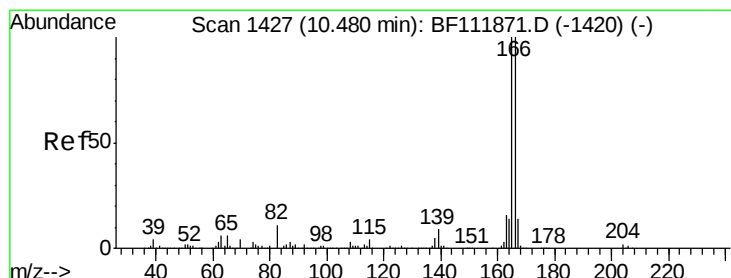
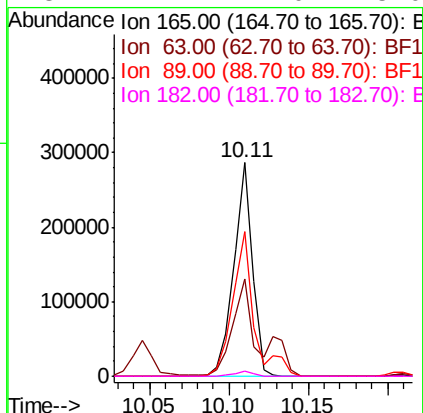
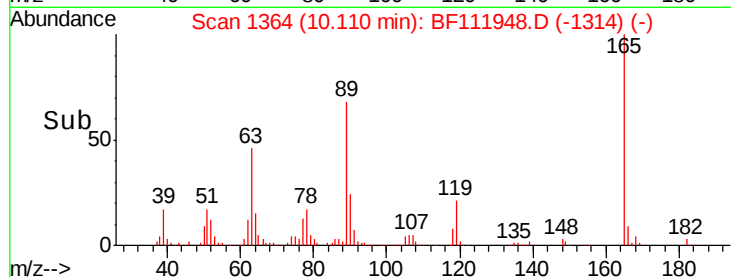
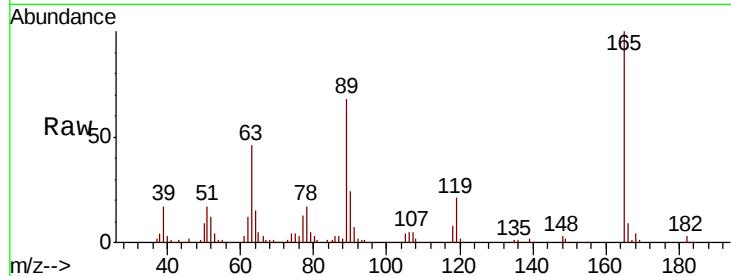
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.6	34.1	51.1
89	68.0	53.5	80.3
182	2.7	2.0	3.0

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#58

Fluorene

Concen: 39.138 ng

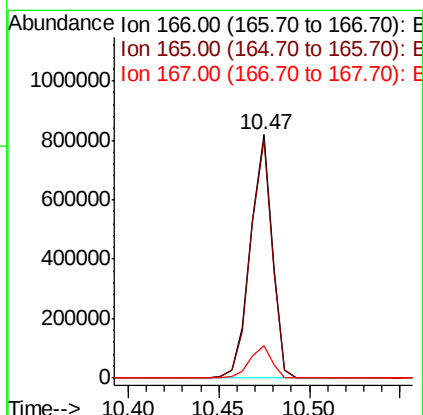
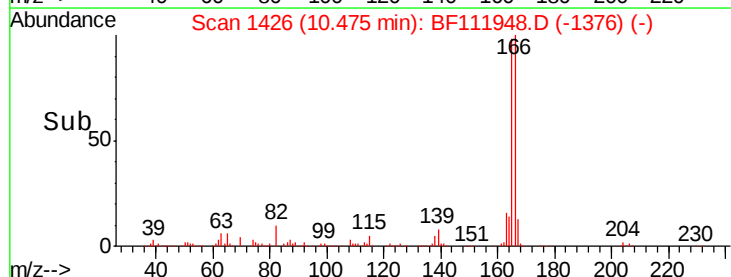
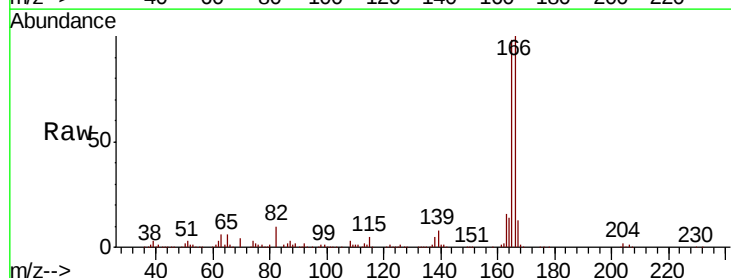
RT: 10.47 min Scan# 1426

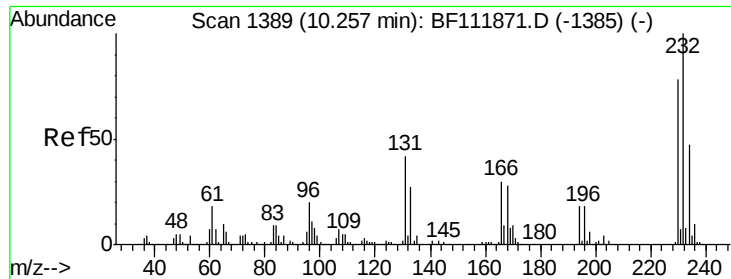
Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.7	119.5
167	13.3	11.1	16.7





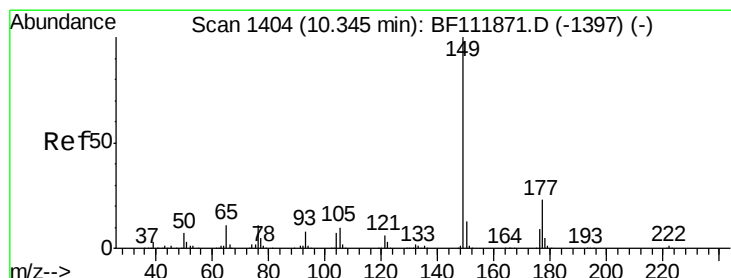
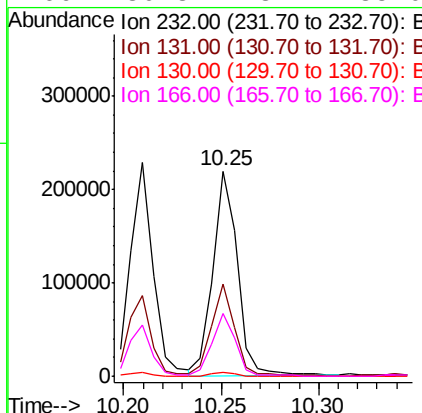
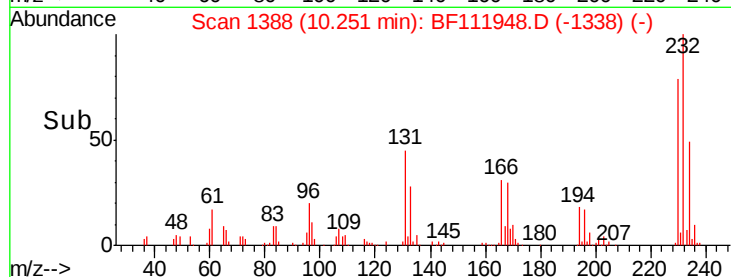
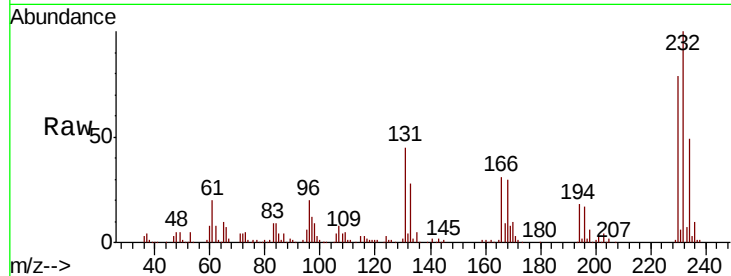
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.543 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	34.0	51.0
130	2.0	1.6	2.4
166	30.3	23.4	35.0

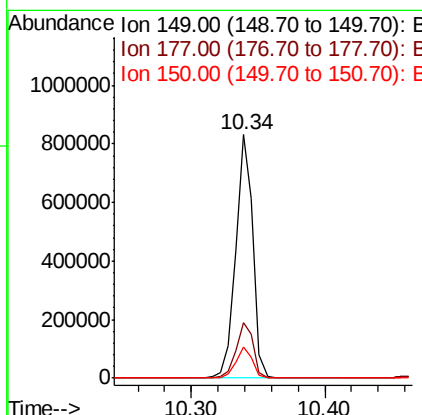
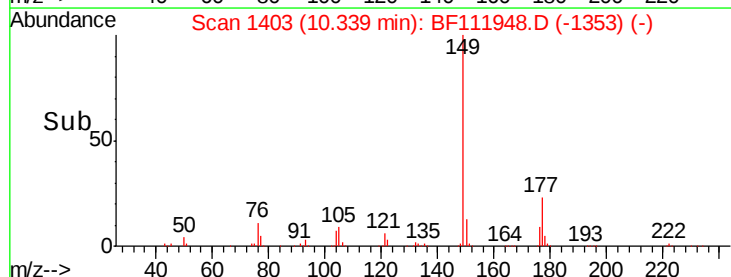
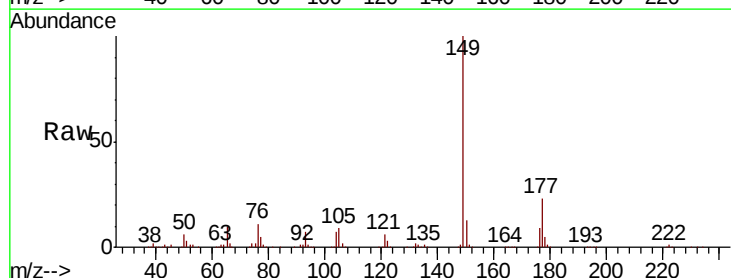
Manual Integrations
 APPROVED

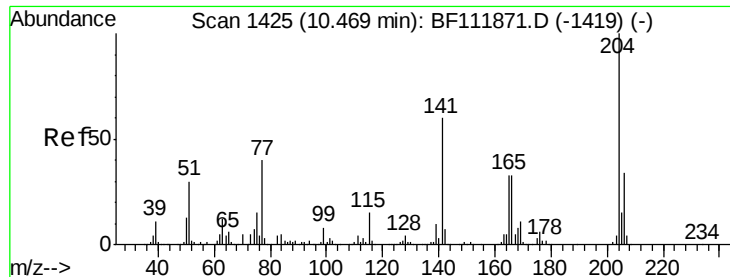
Sohil
 1/10/2019 11:45:53 AM



#60
 Diethylphthalate
 Concen: 38.526 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	12.8	10.2	15.4





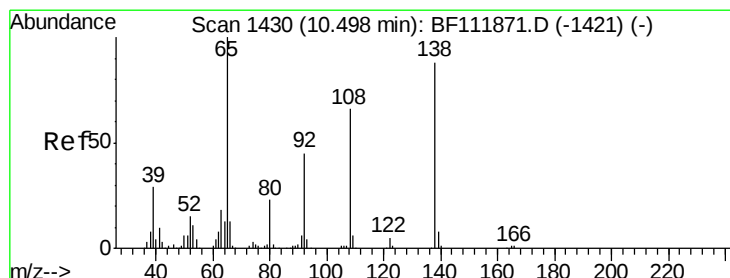
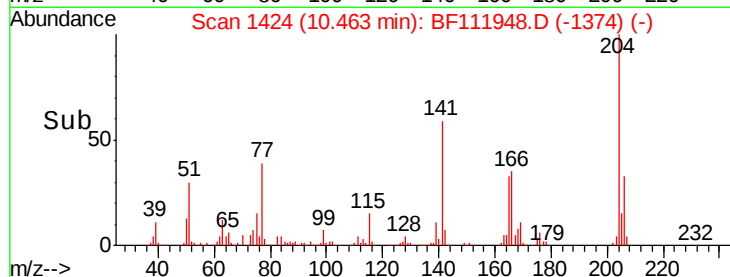
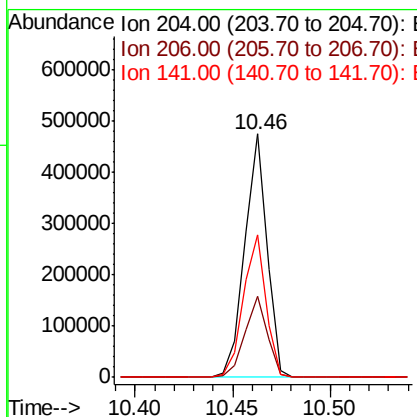
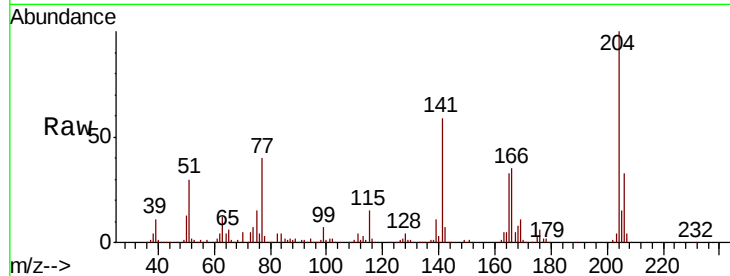
#61
 4-Chlorophenyl-phenylether
 Concen: 38.287 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	376897
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.9	40.3
141	58.5	47.9	71.9

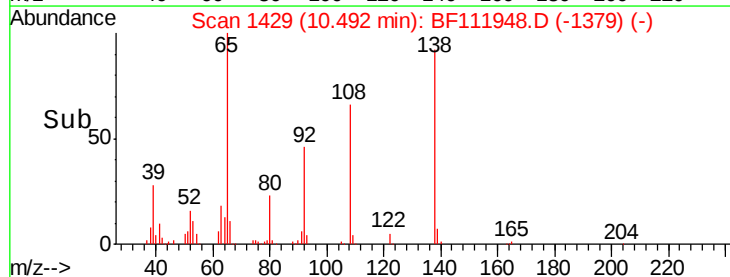
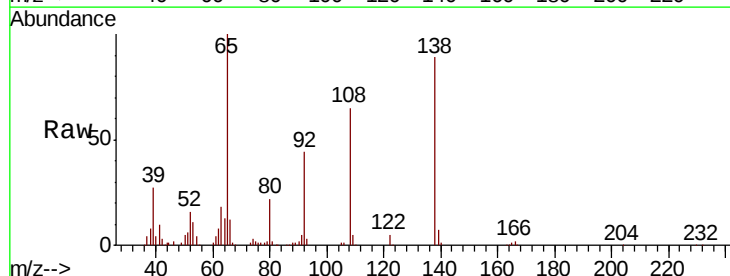
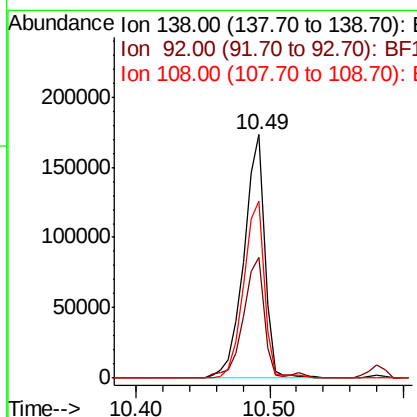
Manual Integrations
 APPROVED

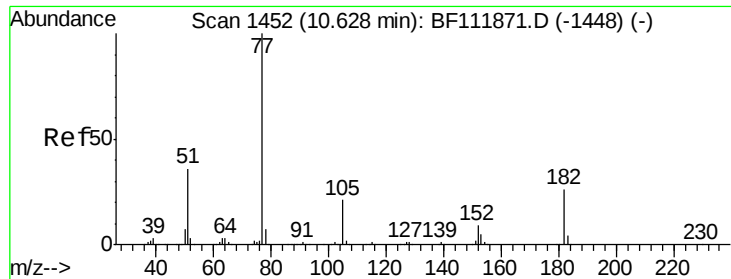
Sohil
 1/10/2019 11:45:53 AM



#62
 4-Nitroaniline
 Concen: 41.328 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Tgt Ion:	138	Resp:	186959
Ion Ratio	Lower	Upper	
138	100		
92	49.6	31.0	71.0
108	72.9	54.7	94.7





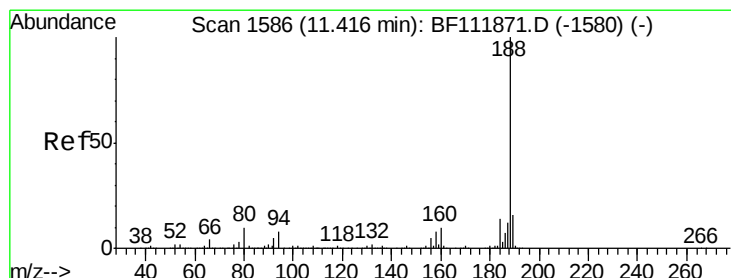
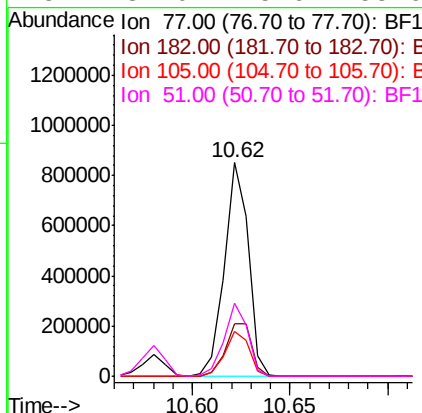
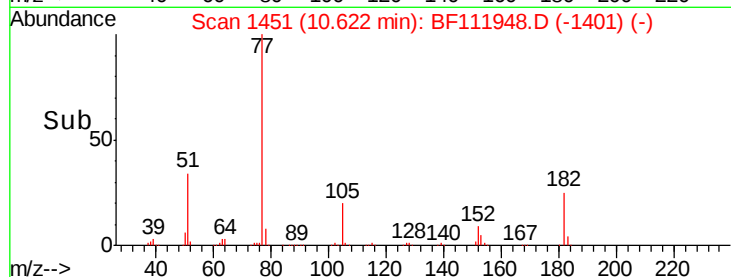
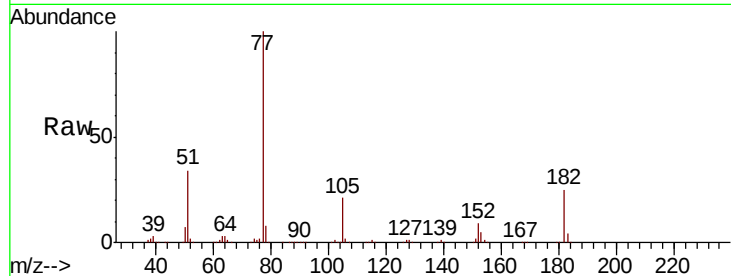
#63
Azobenzene
Concen: 39.190 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.9	5.7	45.7	
105	20.7	0.8	40.8	
51	34.0	15.6	55.6	

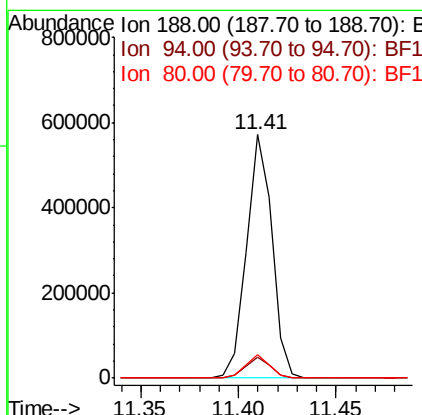
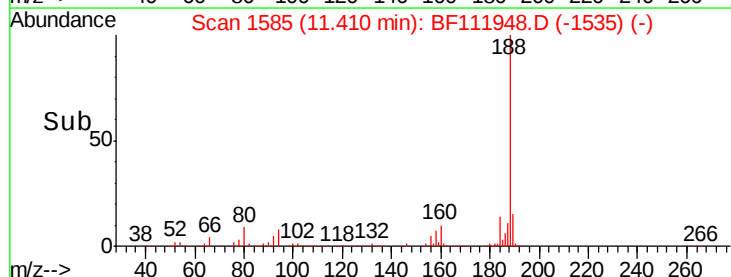
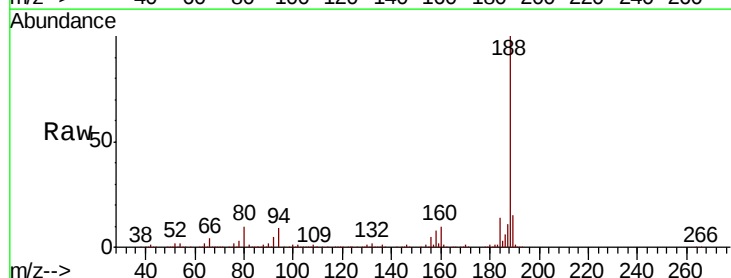
Manual Integrations
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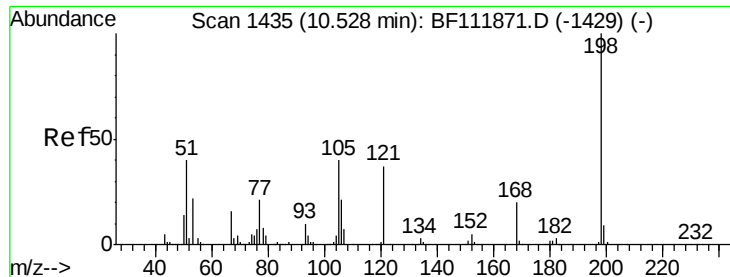
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	6.6	10.0	
80	9.5	7.7	11.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 37.644 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 120032

Ion Ratio Lower Upper

198 100

51 54.6 27.2 67.2

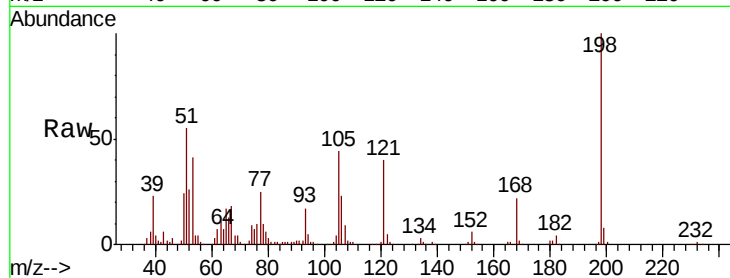
105 43.8 21.0 61.0

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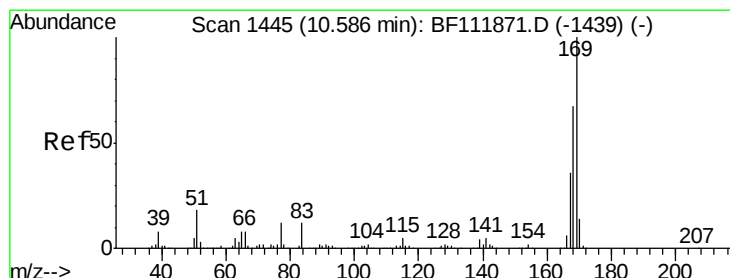
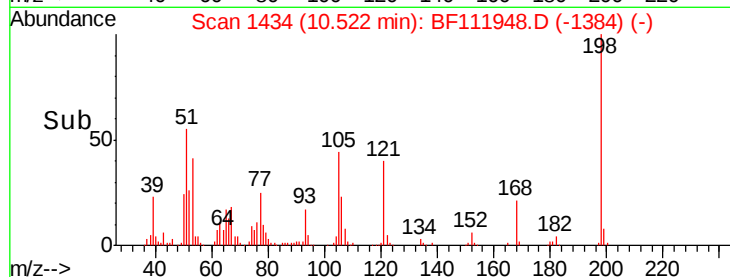
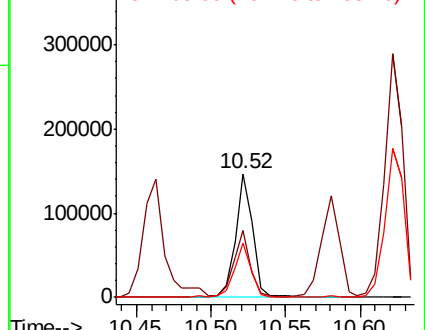
1/10/2019 11:45:53 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.774 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

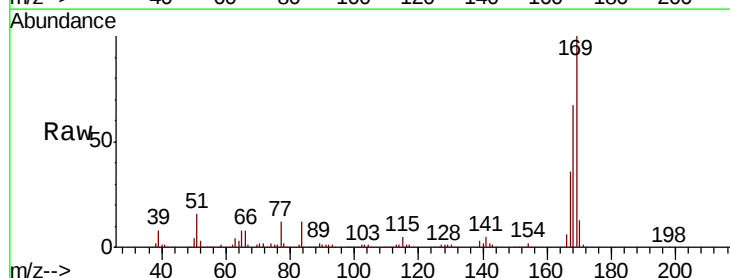
Tgt Ion:169 Resp: 655060

Ion Ratio Lower Upper

169 100

168 67.2 53.8 80.6

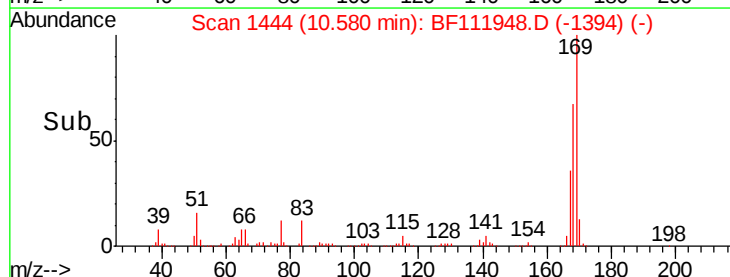
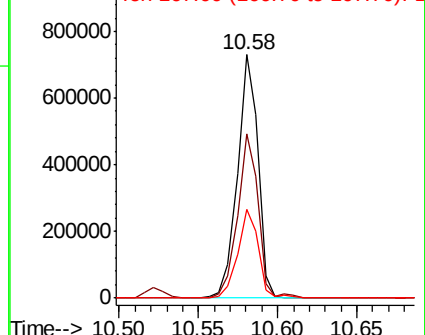
167 36.3 29.1 43.7

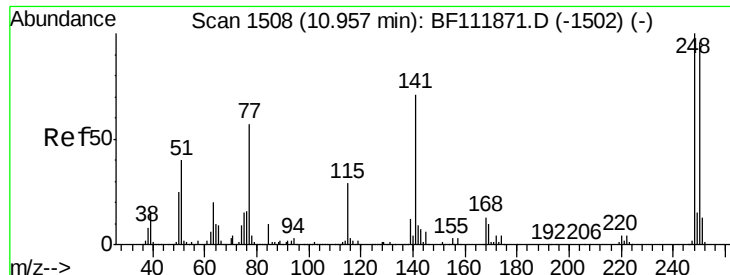


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





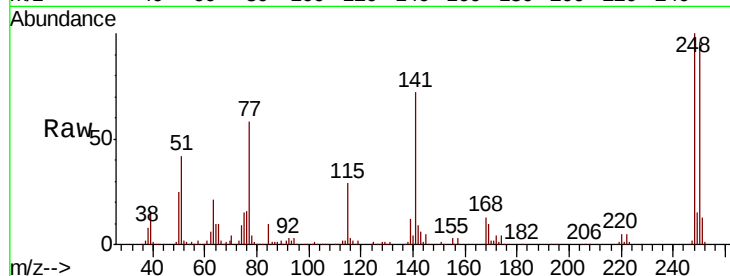
#67
4-Bromophenyl-phenylether
Concen: 35.869 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.8	115.2
141	71.9	57.0	85.6

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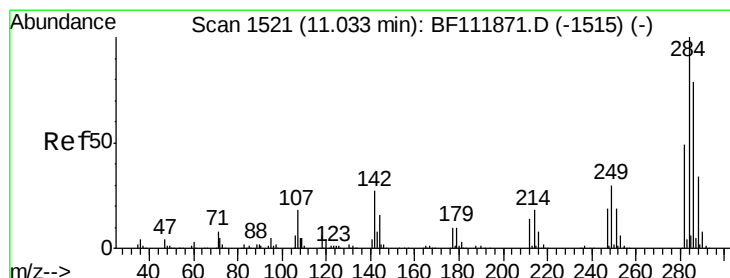
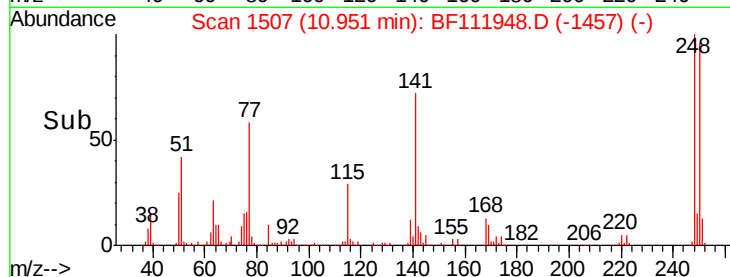
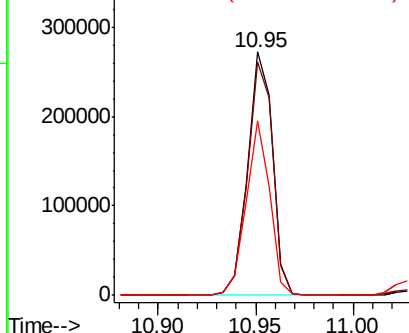


Abundance

Ion 248.00 (247.70 to 248.70): E

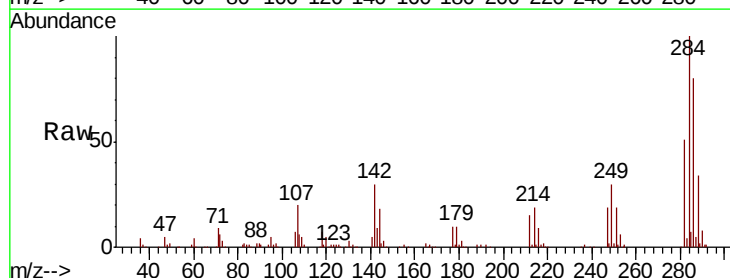
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.900 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	21.8	32.6
249	30.3	23.8	35.6

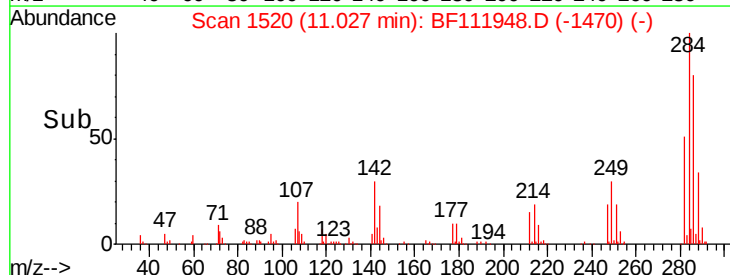
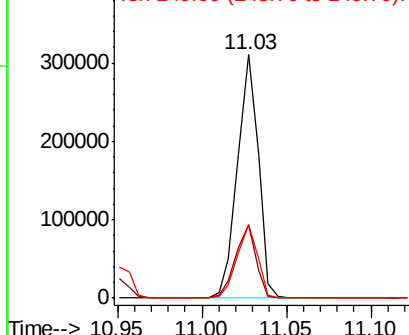


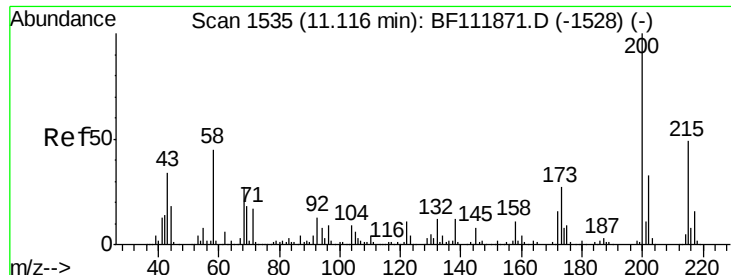
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





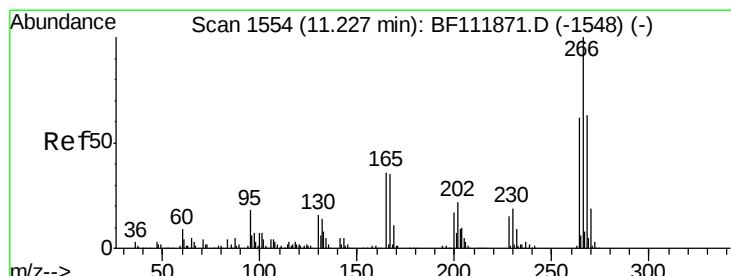
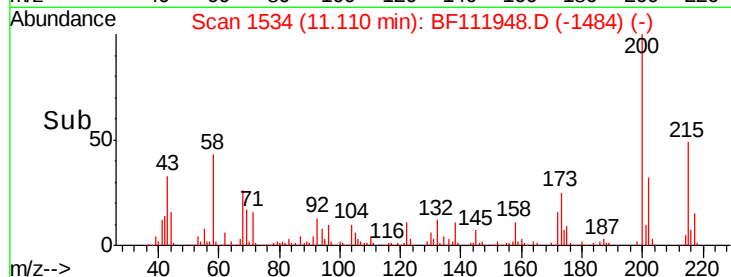
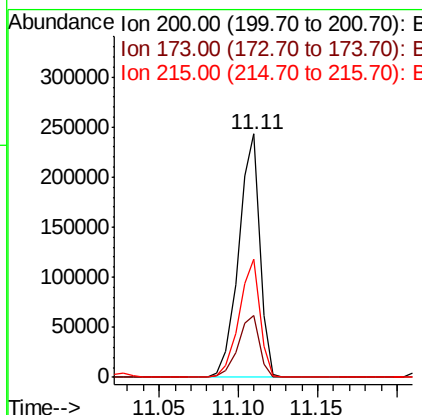
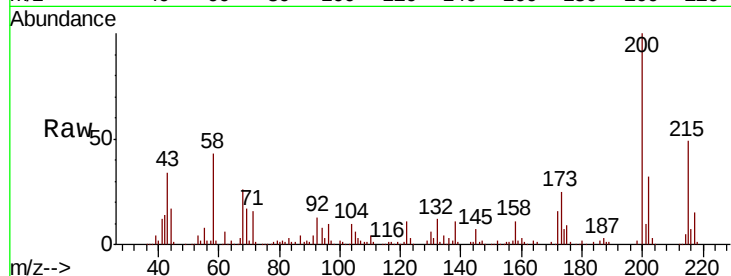
#69
Atrazine
Concen: 36.781 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.6	46.6
215	48.6	28.9	68.9

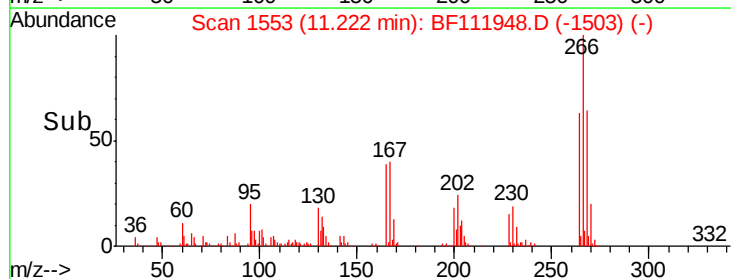
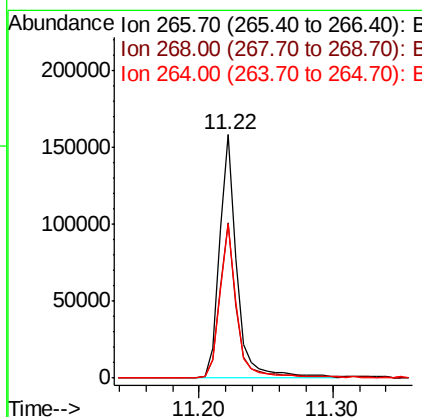
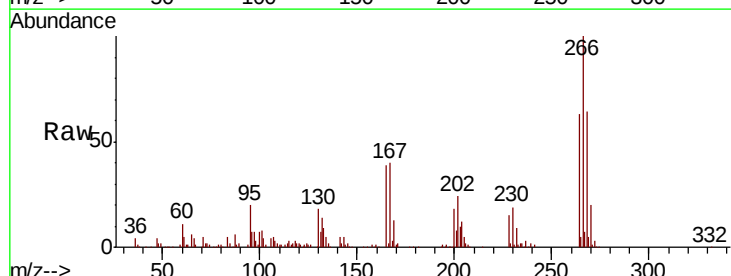
Manual Integrations
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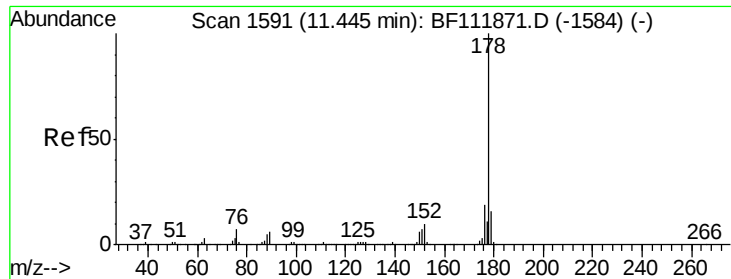
Sohil
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#70
Pentachlorophenol
Concen: 34.613 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.6	76.0
264	63.4	49.3	73.9





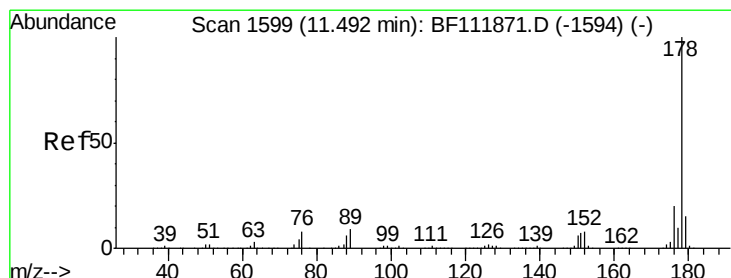
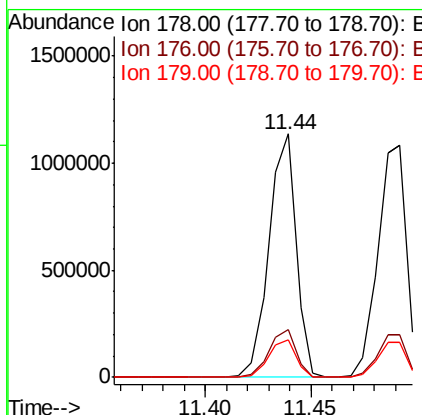
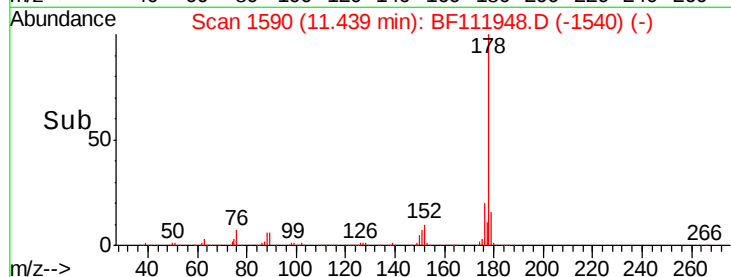
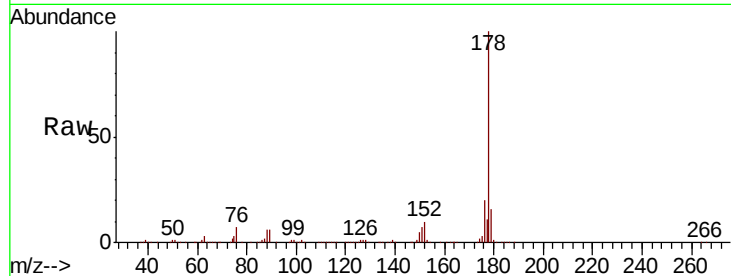
#71
Phenanthrene
Concen: 37.004 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:178 Resp: 1022384
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.5 12.6 18.8

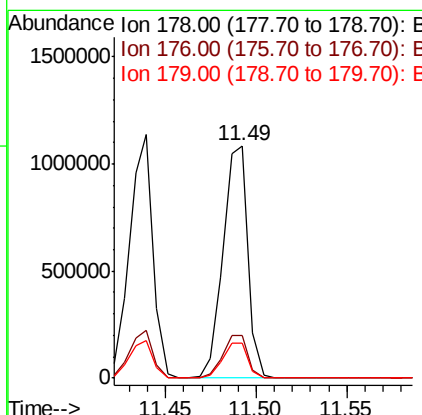
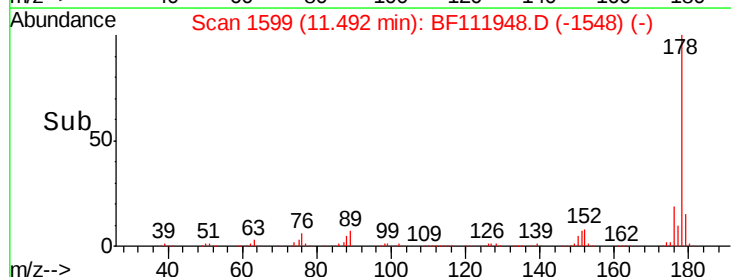
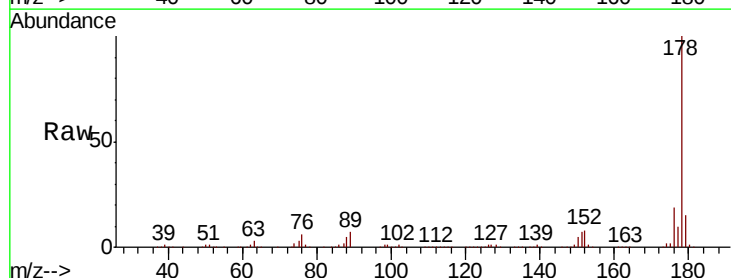
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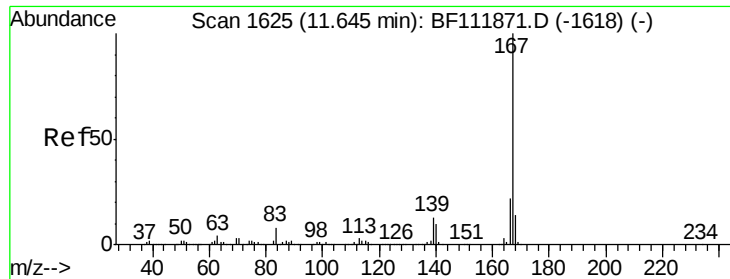
Sohil
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#72
Anthracene
Concen: 36.906 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion:178 Resp: 1035101
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 15.1 12.4 18.6





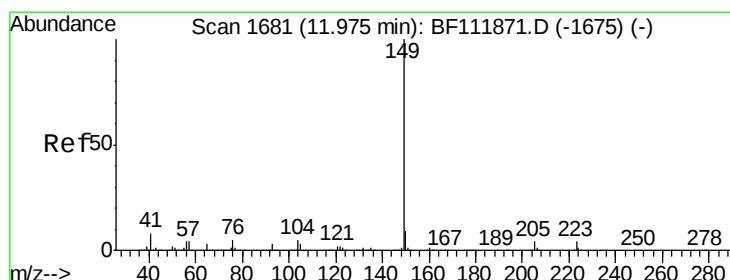
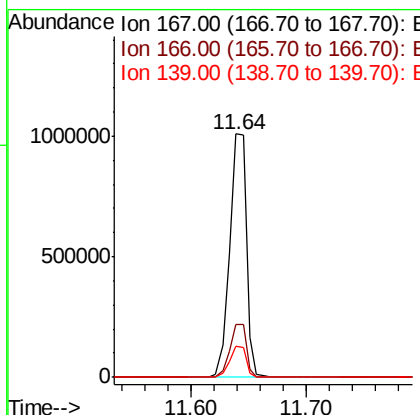
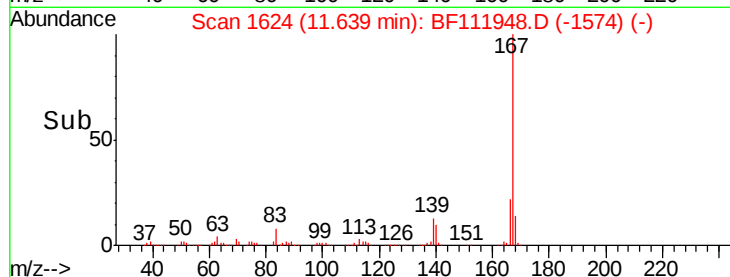
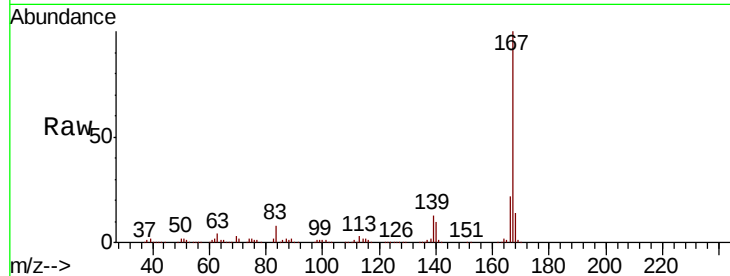
#73
 Carbazole
 Concen: 37.228 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	13.0	10.6	16.0

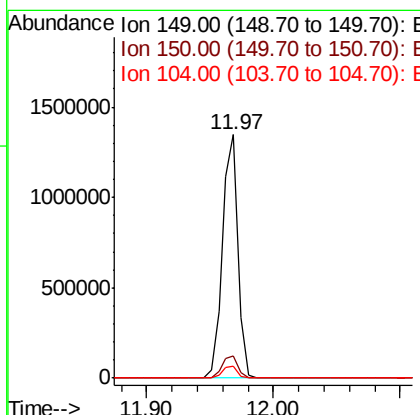
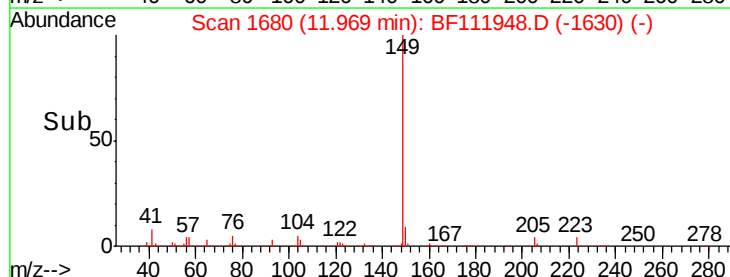
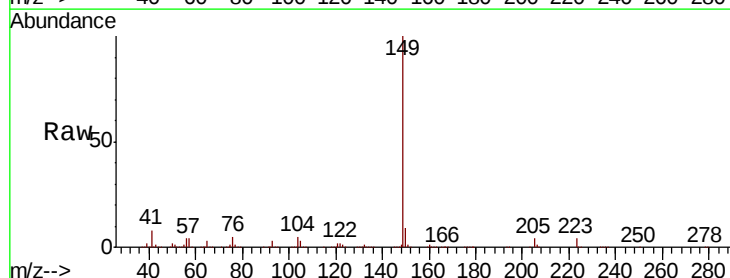
Manual Integrations
 APPROVED

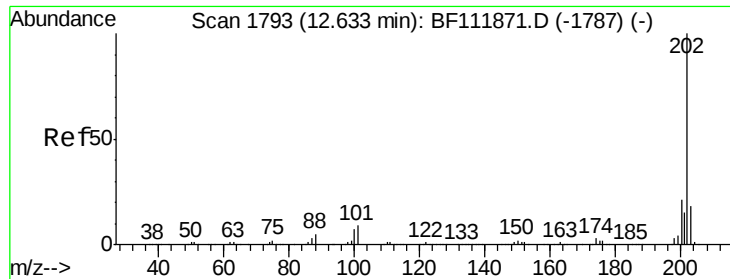
Sohil
 1/10/2019 11:45:53 AM



#74
 Di-n-butylphthalate
 Concen: 36.091 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.8	3.9	5.9





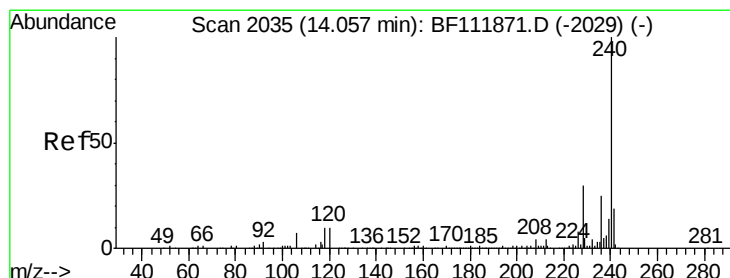
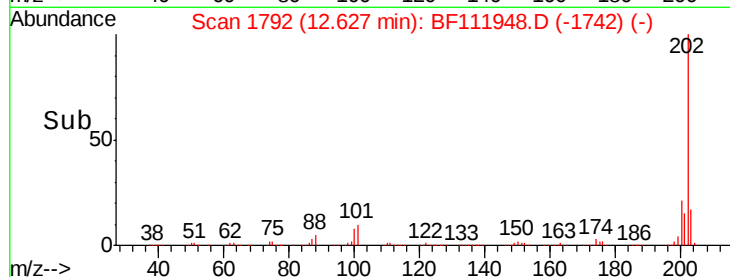
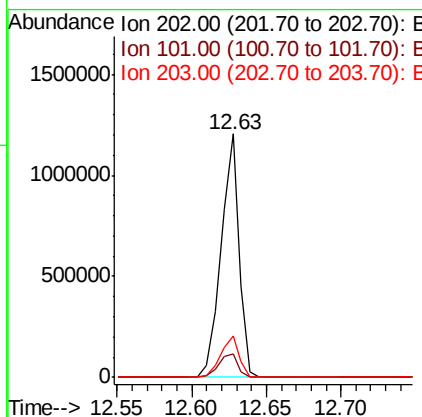
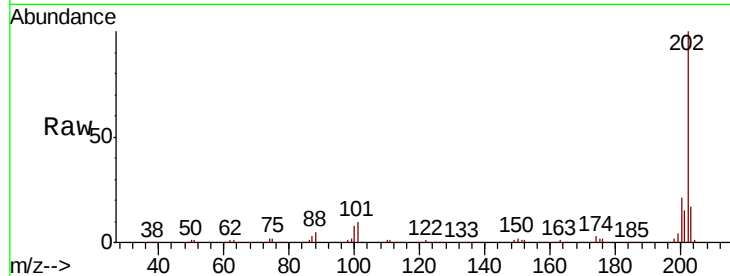
#75
 Fluoranthene
 Concen: 36.250 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.3
203	17.2	0.0	37.6

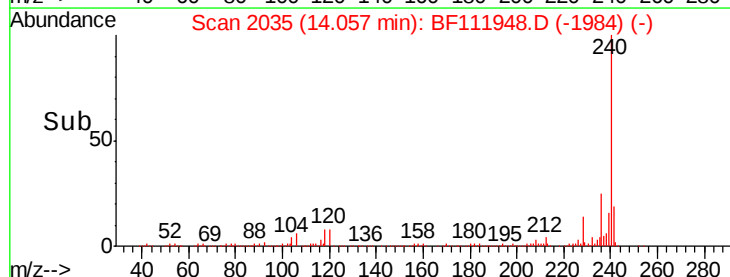
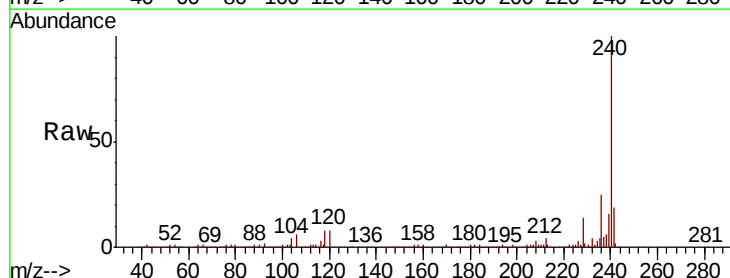
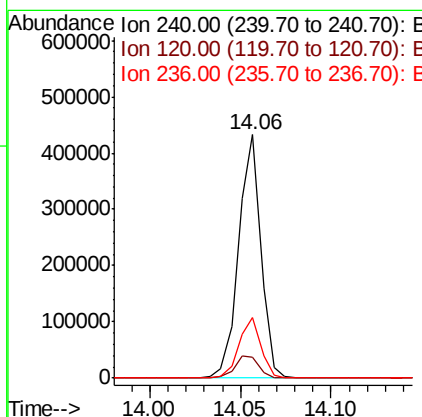
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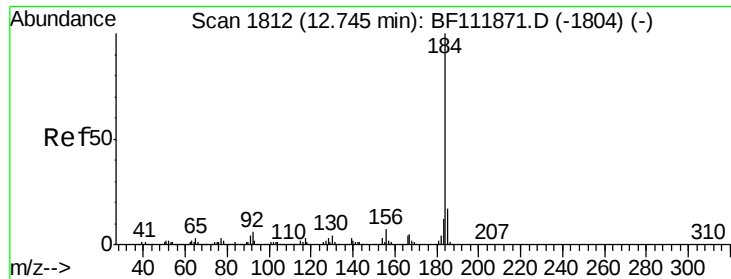
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	8.2	12.2
236	25.1	20.2	30.4





#77

Benzidine

Concen: 44.081 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

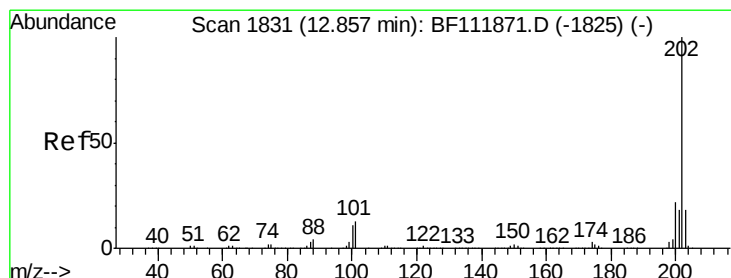
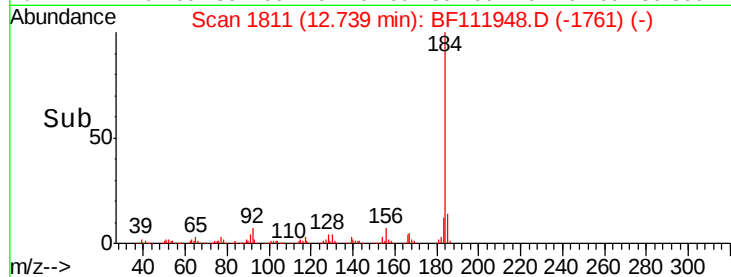
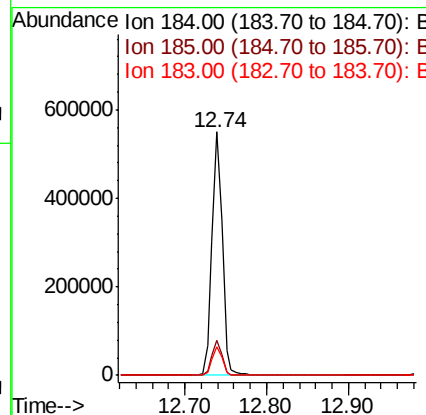
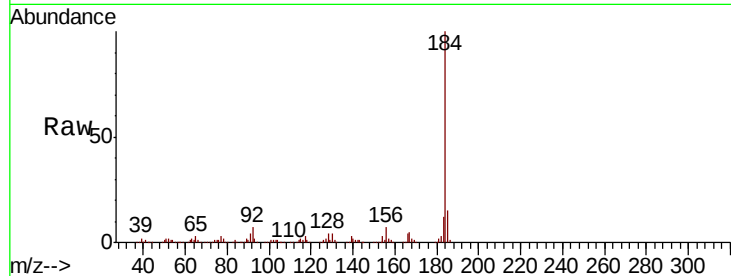
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.0
183	11.7	9.6	14.4

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#78

Pyrene

Concen: 40.374 ng

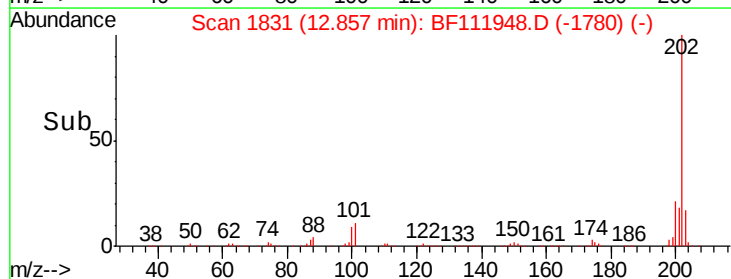
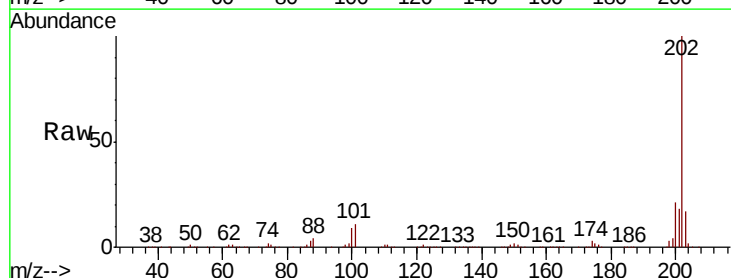
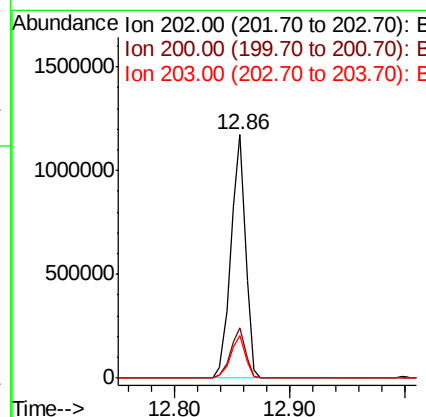
RT: 12.86 min Scan# 1831

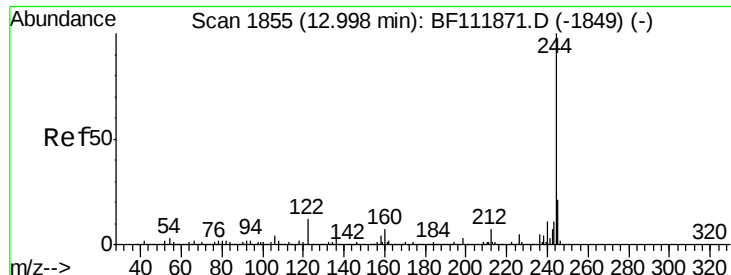
Delta R.T. -0.00 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.4	14.6	21.8





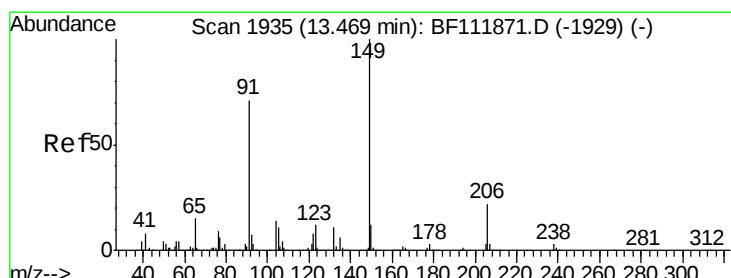
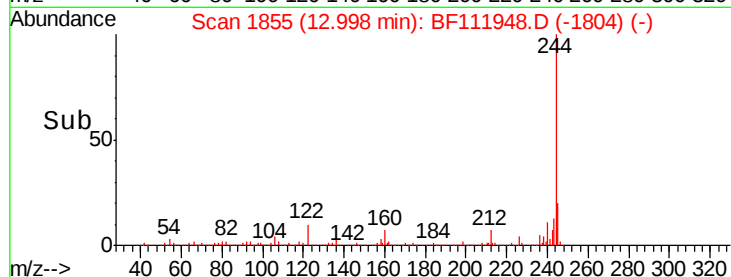
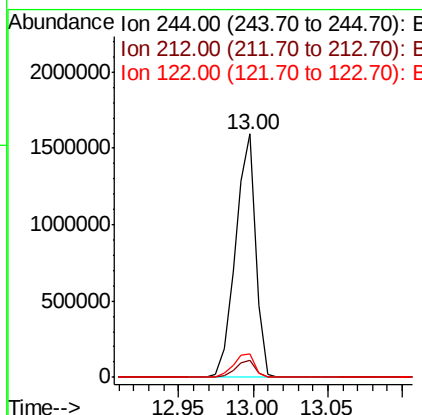
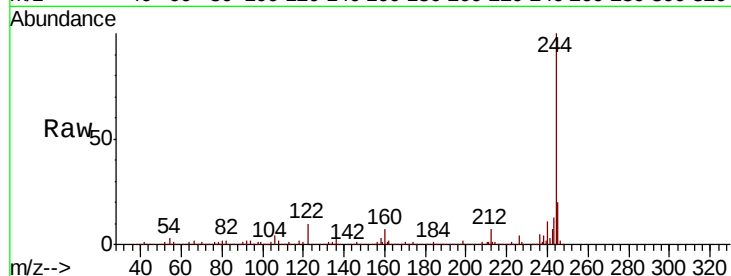
#79
 Terphenyl-d14
 Concen: 77.784 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.8	9.5	14.3

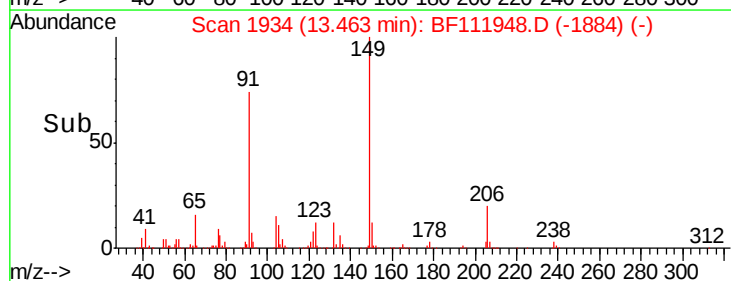
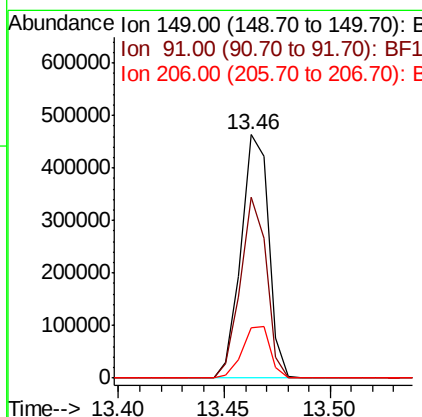
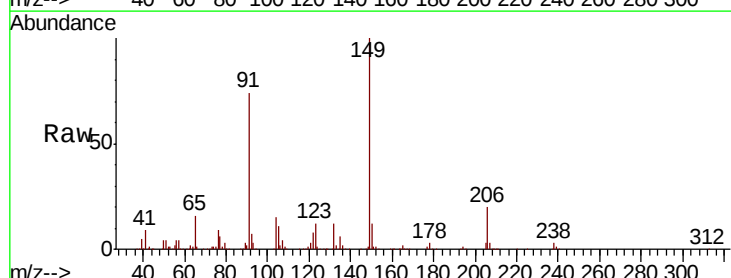
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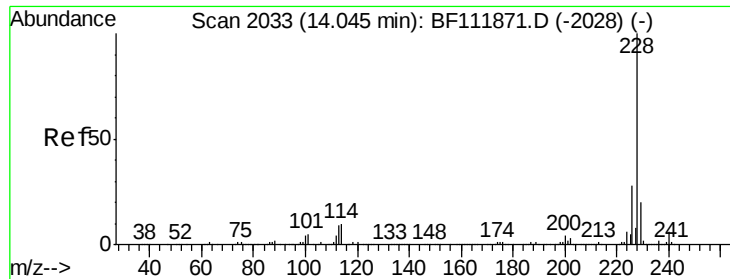
Sohil
 1/10/2019 11:45:53 AM



#80
 Butylbenzylphthalate
 Concen: 39.173 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF111948.D
 Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.1	57.2	85.8
206	20.4	17.3	25.9





#81

Benzo(a)anthracene

Concen: 37.852 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

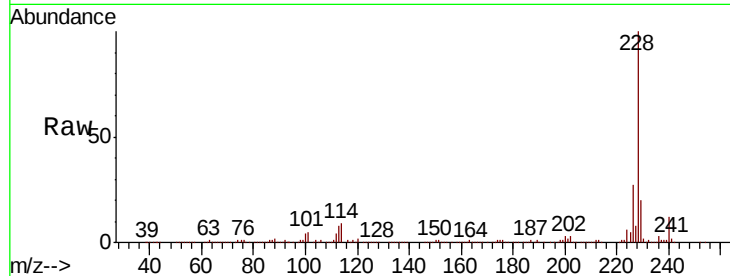
ClientSampleId :

SSTDCCC040

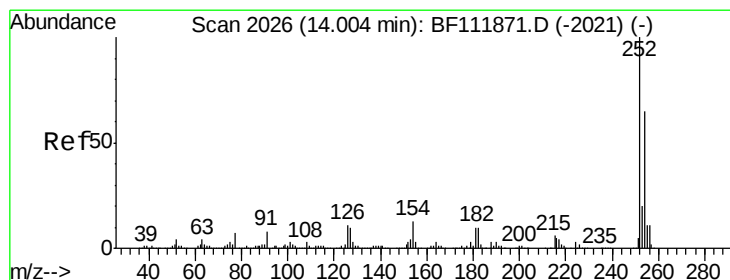
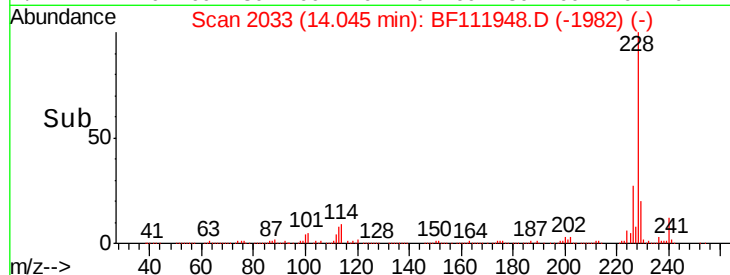
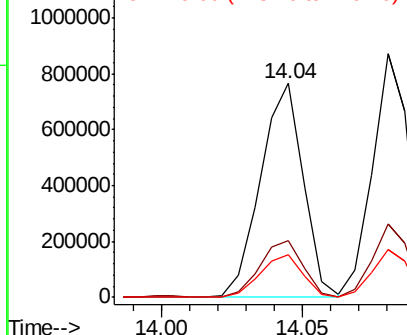
Tot Ion:	228	Resp:	803008
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.2	33.2
229	19.9	16.2	24.2

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.928 ng

RT: 14.00 min Scan# 2026

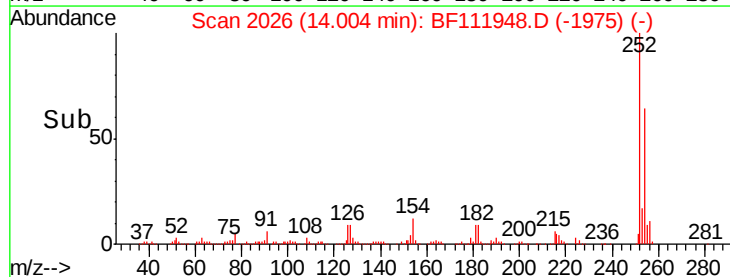
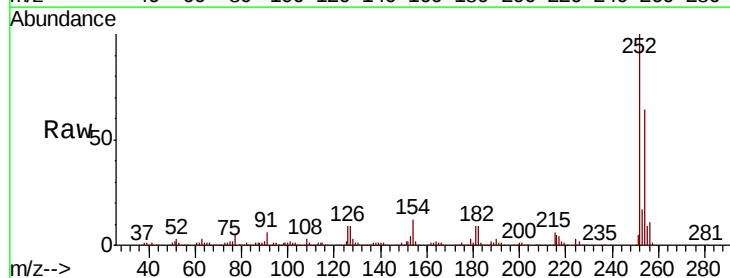
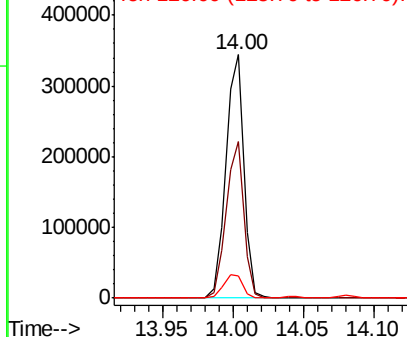
Delta R.T. -0.00 min

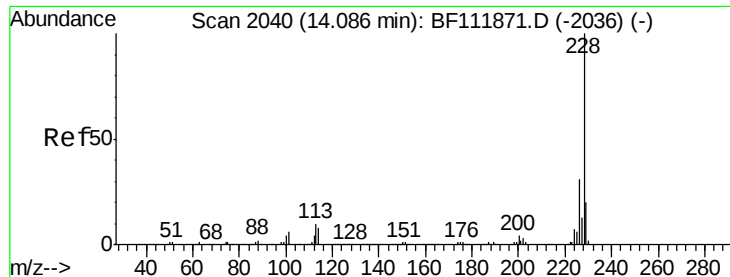
Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Tgt Ion:	252	Resp:	304884
Ion Ratio	Lower	Upper	
252	100		
254	64.4	52.1	78.1
126	8.9	8.6	12.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.644 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

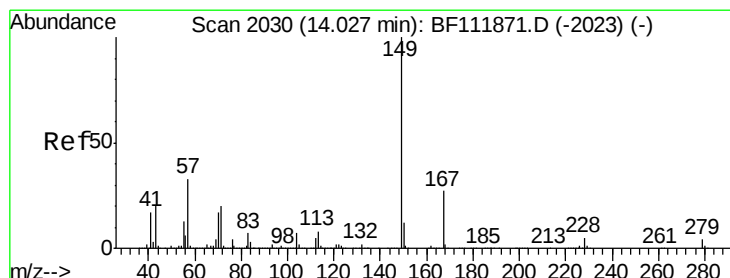
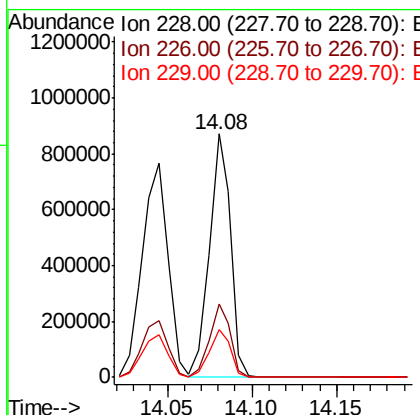
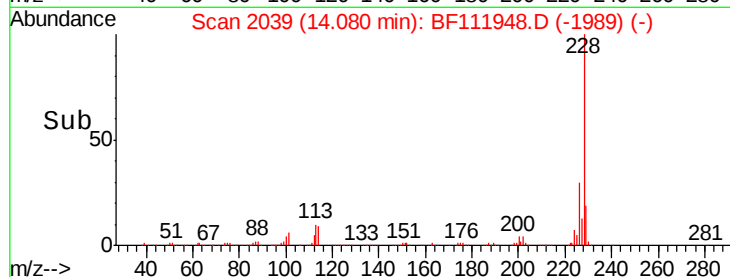
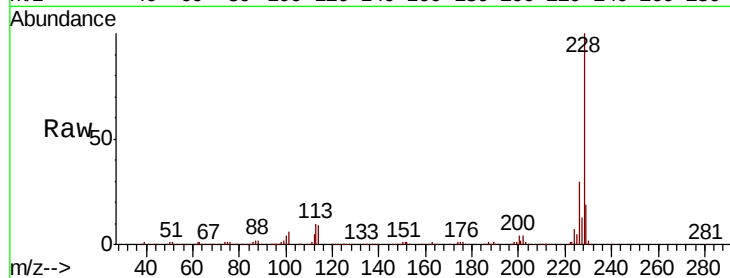
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	761452
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.6	37.0
229	19.4	15.7	23.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.311 ng

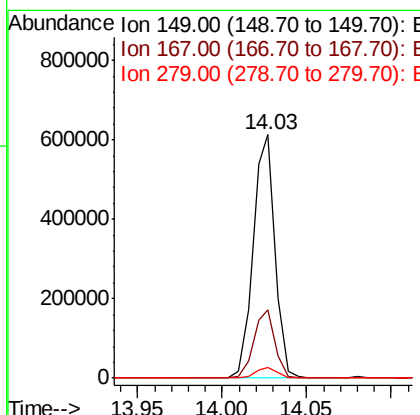
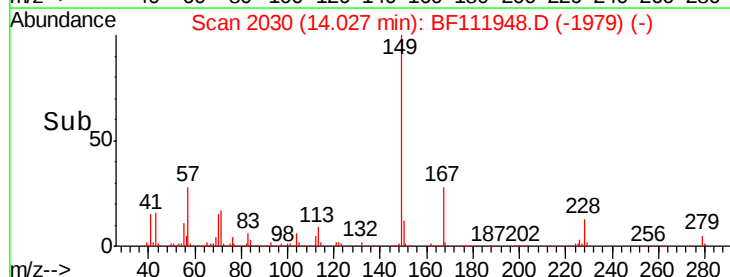
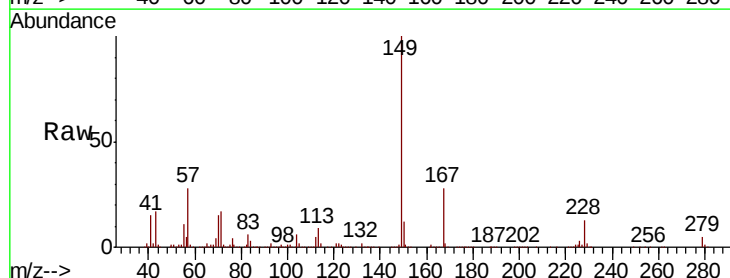
RT: 14.03 min Scan# 2030

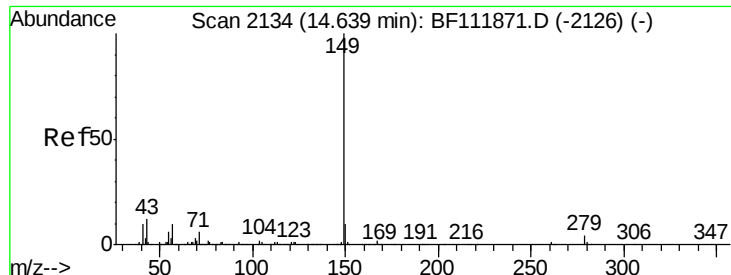
Delta R.T. -0.00 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Tgt Ion:	149	Resp:	553585
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.5	32.3
279	4.6	3.0	4.6#





#85

Di-n-octyl phthalate

Concen: 40.681 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

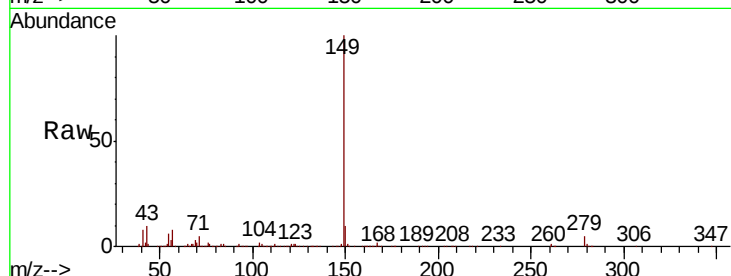
ClientSampleId :

SSTDCCC040

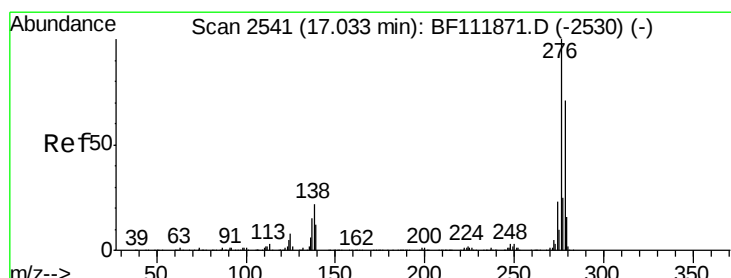
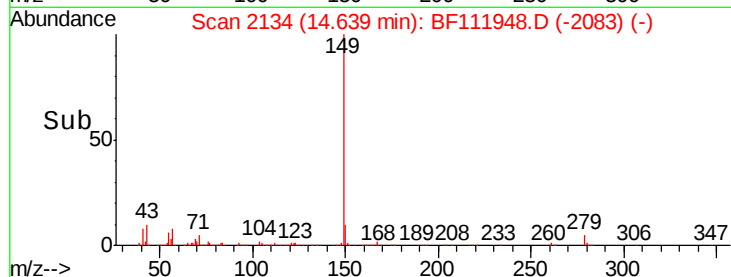
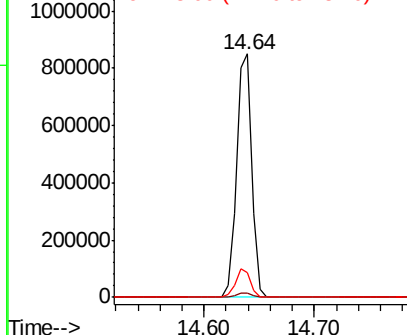
Tot Ion:	149	Resp:	819826
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.1	9.1	13.7

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.939 ng

RT: 17.03 min Scan# 2541

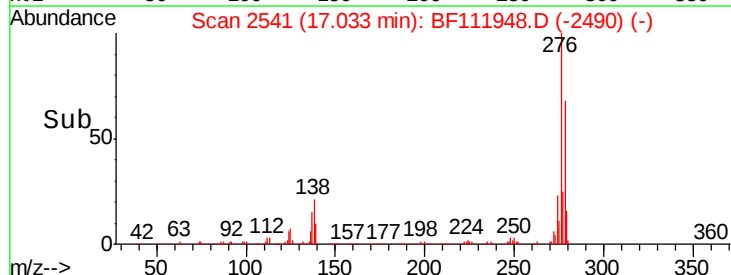
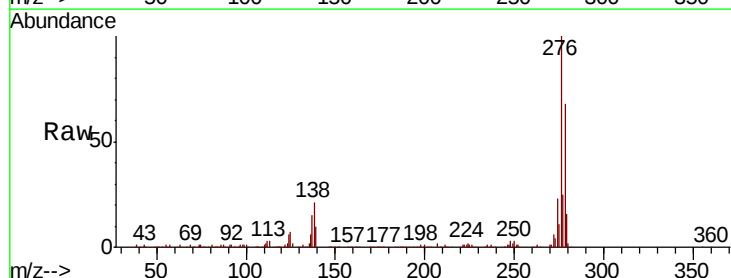
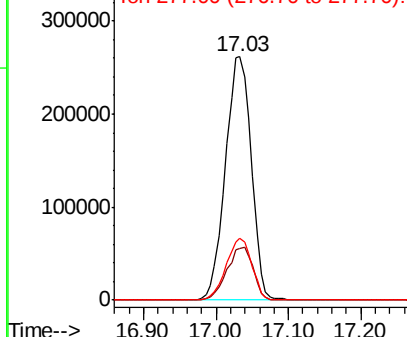
Delta R.T. -0.00 min

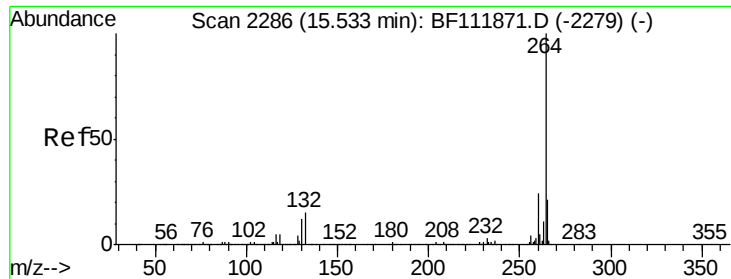
Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Tgt Ion:	276	Resp:	647960
Ion Ratio	Lower	Upper	
276	100		
138	22.2	18.1	27.1
277	25.0	19.9	29.9

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Instrument :

BNA_F

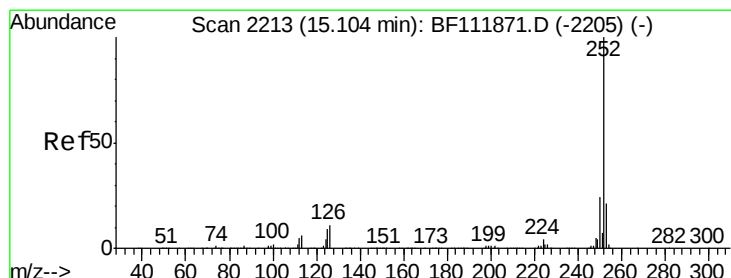
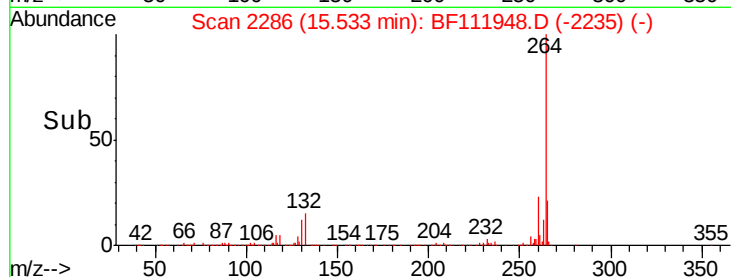
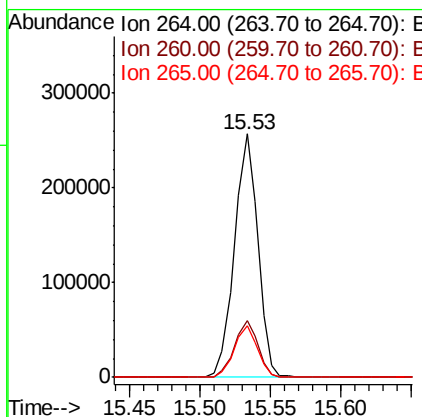
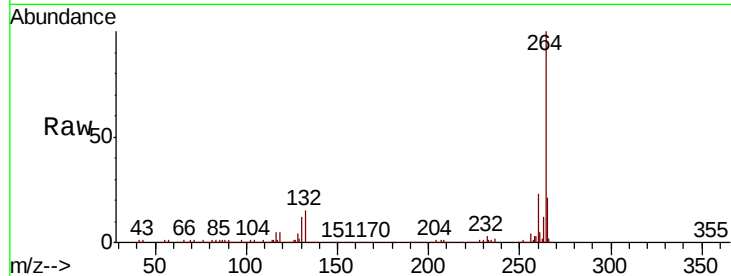
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.1	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 38.348 ng

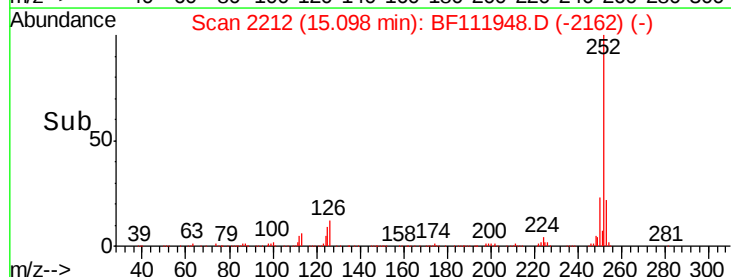
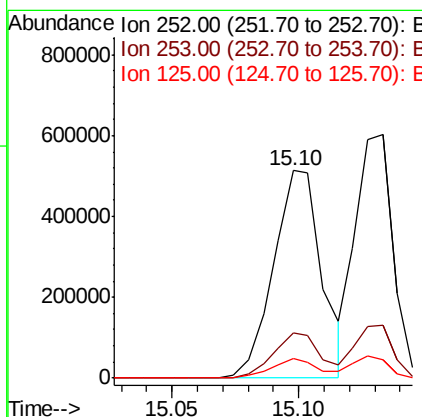
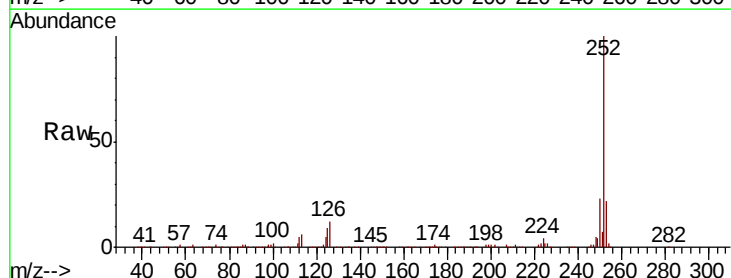
RT: 15.10 min Scan# 2212

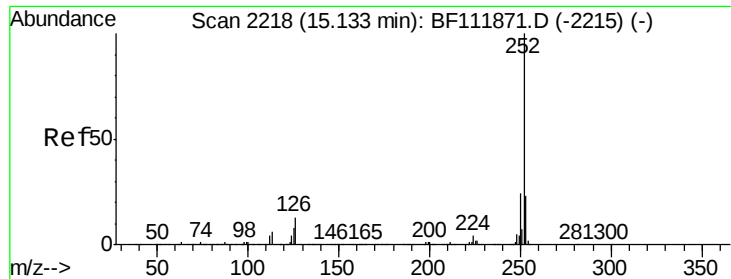
Delta R.T. -0.01 min

Lab File: BF111948.D

Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	9.4	7.1	10.7





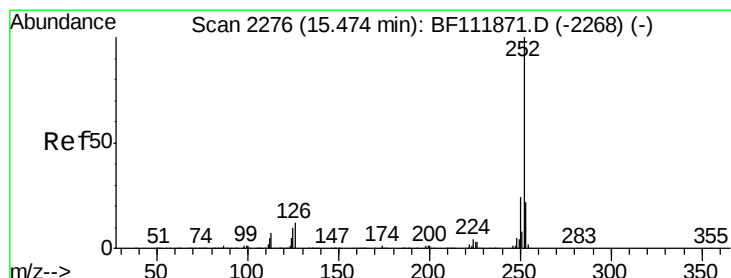
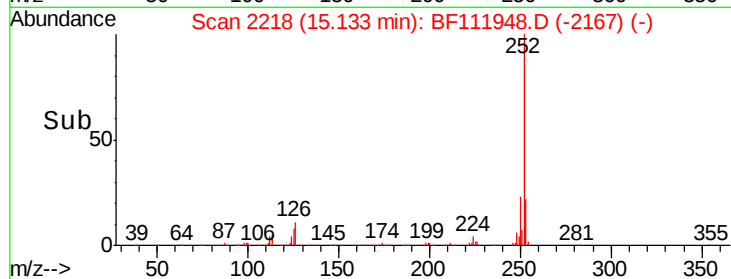
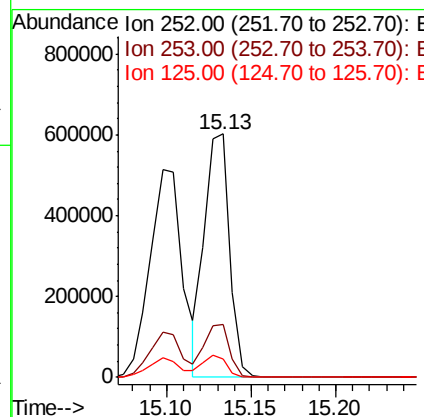
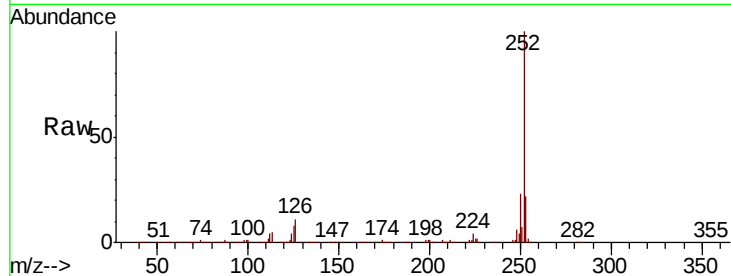
#89
Benzo(k)fluoranthene
Concen: 37.136 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	7.7	7.0	10.4

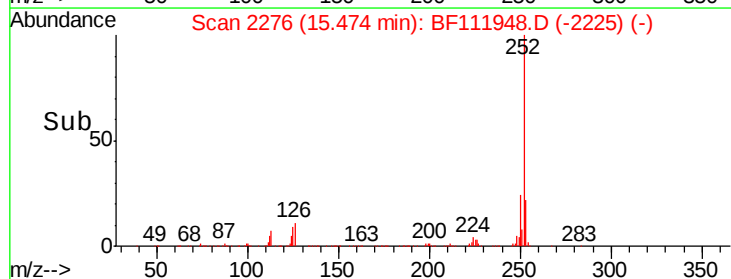
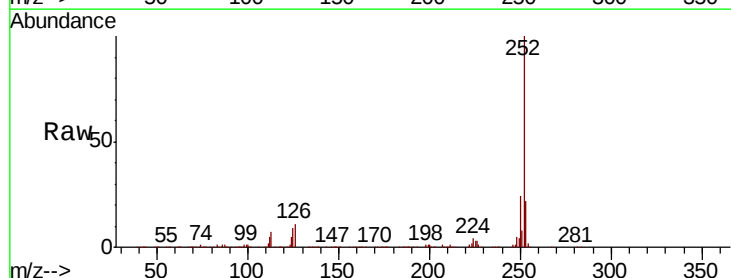
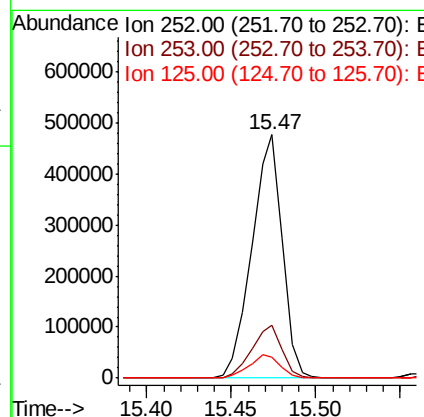
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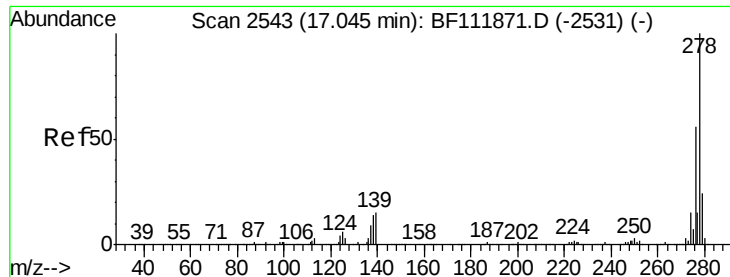
Sohil
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#90
Benzo(a)pyrene
Concen: 38.289 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	8.7	7.9	11.9





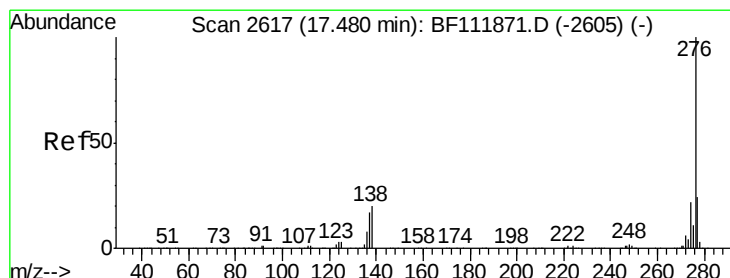
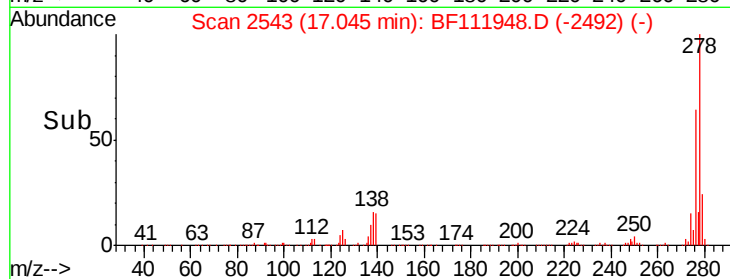
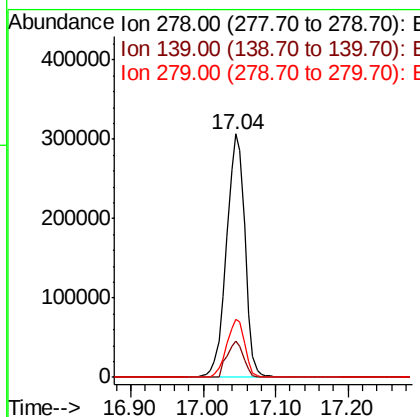
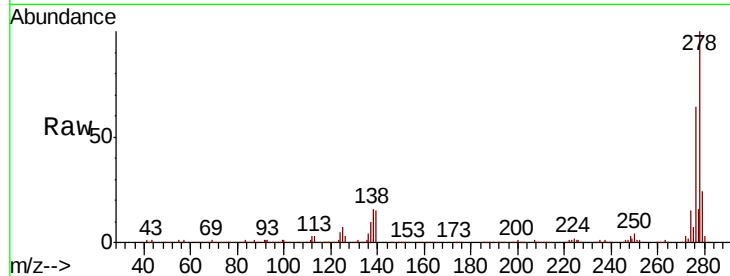
#91
Dibenzo(a,h)anthracene
Concen: 43.149 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.8	17.6
279	23.7	19.4	29.2

Manual Integrations
APPROVED

Sohil
1/10/2019 11:45:53 AM



#92
Benzo(g,h,i)perylene
Concen: 43.144 ng
RT: 17.49 min Scan# 2618
Delta R.T. 0.01 min
Lab File: BF111948.D
Acq: 9 Jan 2019 14:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.6
138	18.4	16.2	24.2

