

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
 Data File : BF113550.D
 Acq On : 3 Apr 2019 18:09
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 4/4/2019 10:57:39 AM

Quant Time: Apr 04 09:21:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 18:55:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	134569	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	526757	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	254160	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	495108	20.00	ng	0.00
76) Chrysene-d12	13.84	240	339488	20.00	ng	0.00
87) Perylene-d12	15.24	264	278245	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	644211	81.63	ng	0.00
7) Phenol-d6	6.33	99	798920	82.14	ng	0.00
23) Nitrobenzene-d5	7.25	82	725442	80.67	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	243653	79.81	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1340619	84.92	ng	0.00
79) Terphenyl-d14	12.79	244	1412994	84.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	153019	40.940	ng	100
3) Pyridine	3.03	79	398721	40.763	ng	100
4) n-Nitrosodimethylamine	2.97	42	168940	40.650	ng	100
6) Aniline	6.35	93	497727	42.218	ng	100
8) 2-Chlorophenol	6.47	128	373512	40.909	ng	100
9) Benzaldehyde	6.23	77	247808	42.849	ng	100
10) Phenol	6.35	94	455828	41.034	ng	100
11) bis(2-Chloroethyl)ether	6.42	93	349868	40.489	ng	100
12) 1,3-Dichlorobenzene	6.63	146	404330	41.121	ng	100
13) 1,4-Dichlorobenzene	6.70	146	405417	40.802	ng	100
14) 1,2-Dichlorobenzene	6.86	146	373885	41.687	ng	100
15) Benzyl Alcohol	6.83	79	276795	42.088	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	550466	40.926	ng	100
17) 2-Methylphenol	6.96	107	289573	40.925	ng	100
18) Hexachloroethane	7.19	117	147215	40.705	ng	100
19) n-Nitroso-di-n-propylamine	7.10	70	241204	40.216	ng	100
20) 3+4-Methylphenols	7.11	107	354683	41.370	ng	100
22) Acetophenone	7.10	105	463887	40.096	ng	100
24) Nitrobenzene	7.27	77	377104	40.719	ng	100
25) Isophorone	7.51	82	685439	39.567	ng	100
26) 2-Nitrophenol	7.59	139	204303	40.989	ng	100
27) 2,4-Dimethylphenol	7.63	122	283336	39.762	ng	100
28) bis(2-Chloroethoxy)methane	7.72	93	444876	40.619	ng	100
29) 2,4-Dichlorophenol	7.83	162	310813	40.767	ng	100
30) 1,2,4-Trichlorobenzene	7.92	180	334346	40.383	ng	100
31) Naphthalene	7.99	128	1039136	40.714	ng	100
32) Benzoic acid	7.79	122	211499m	40.697	ng	
33) 4-Chloroaniline	8.05	127	419941	41.496	ng	100
34) Hexachlorobutadiene	8.11	225	205783	40.768	ng	100
35) Caprolactam	8.43	113	97198	40.162	ng	100
36) 4-Chloro-3-methylphenol	8.54	107	310441	40.563	ng	100
37) 2-Methylnaphthalene	8.68	142	678114	40.397	ng	100
38) 1-Methylnaphthalene	8.78	142	662587	40.935	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	334058	40.641	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	86757	38.493	ng	100
43) 2,4,6-Trichlorophenol	8.97	196	208070	40.102	ng	100
44) 2,4,5-Trichlorophenol	9.02	196	225637	40.507	ng	100
46) 1,1'-Biphenyl	9.15	154	849604	40.509	ng	100
47) 2-Chloronaphthalene	9.17	162	644740	40.602	ng	100
48) 2-Nitroaniline	9.27	65	198078	40.766	ng	100
49) Acenaphthylene	9.59	152	1059352	41.026	ng	100
50) Dimethylphthalate	9.45	163	736134	39.292	ng	100
51) 2,6-Dinitrotoluene	9.52	165	167684	40.604	ng	100
52) Acenaphthene	9.76	154	597830	40.446	ng	100
53) 3-Nitroaniline	9.69	138	187922	40.024	ng	100
54) 2,4-Dinitrophenol	9.80	184	69450	35.946	ng	100
55) Dibenzofuran	9.93	168	882910	40.720	ng	100
56) 4-Nitrophenol	9.87	139	111292	38.211	ng	100
57) 2,4-Dinitrotoluene	9.93	165	202830	40.610	ng	100
58) Fluorene	10.27	166	699114	40.767	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	196113	40.674	ng	100
60) Diethylphthalate	10.15	149	718877	39.798	ng	100
61) 4-Chlorophenyl-phenylether	10.26	204	345395	40.948	ng	100
62) 4-Nitroaniline	10.30	138	191718	40.154	ng	100
63) Azobenzene	10.42	77	690994	40.402	ng	100
65) 4,6-Dinitro-2-methylphenol	10.34	198	102639	39.378	ng	100
66) n-Nitrosodiphenylamine	10.39	169	614911	40.456	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	224270	40.388	ng	100
68) Hexachlorobenzene	10.83	284	258509	40.630	ng	100
69) Atrazine	10.92	200	194455	40.589	ng	100
70) Pentachlorophenol	11.02	266	113938	38.003	ng	100
71) Phenanthrene	11.23	178	997062	40.527	ng	100
72) Anthracene	11.28	178	1025158	40.956	ng	100
73) Carbazole	11.44	167	957774	40.911	ng	100
74) Di-n-butylphthalate	11.77	149	1123929	40.357	ng	100
75) Fluoranthene	12.42	202	1078740	40.918	ng	100
77) Benzidine	12.54	184	593933	47.046	ng	100
78) Pyrene	12.65	202	1071955	41.498	ng	100
80) Butylbenzylphthalate	13.26	149	421482	40.084	ng	100
81) Benzo(a)anthracene	13.83	228	795199	40.606	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	307180	40.724	ng	100
83) Chrysene	13.87	228	799342	40.265	ng	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	503170	39.579	ng	100
85) Di-n-octyl phthalate	14.43	149	792249	38.338	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	715187	39.019	ng	100
88) Benzo(b)fluoranthene	14.85	252	685481	40.247	ng	100
89) Benzo(k)fluoranthene	14.87	252	635928	41.602	ng	100
90) Benzo(a)pyrene	15.19	252	616953	40.764	ng	100
91) Dibenzo(a,h)anthracene	16.62	278	591852	41.818	ng	100
92) Benzo(g,h,i)perylene	17.02	276	601506	41.638	ng	100

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

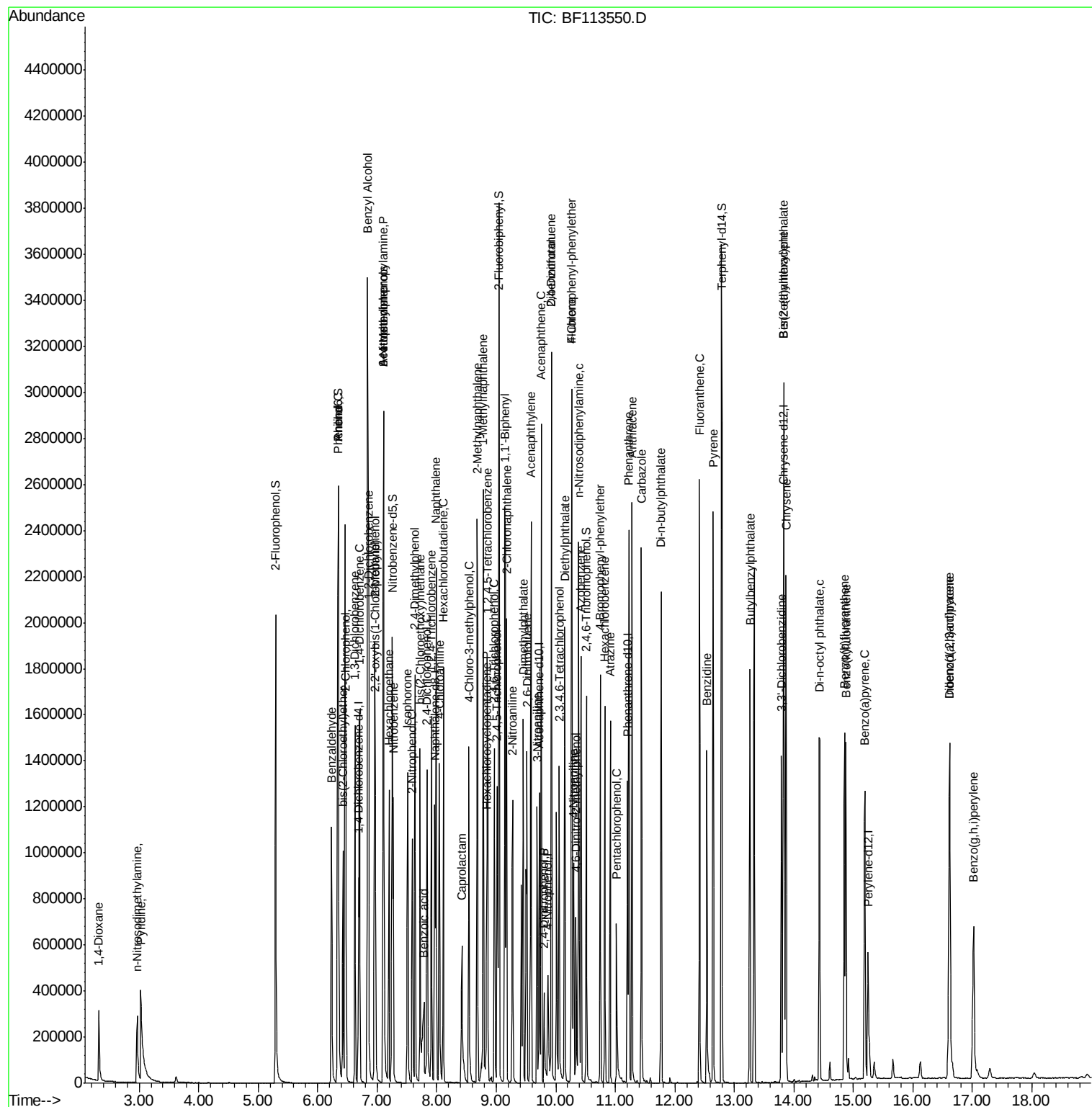
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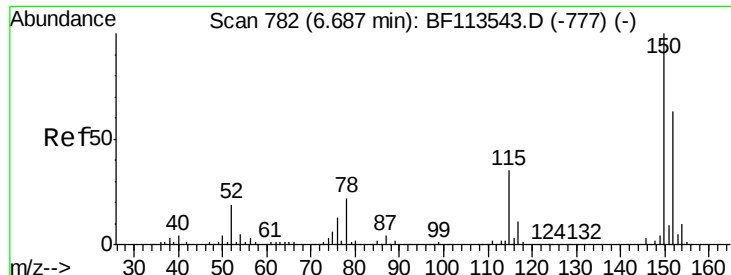
Instrument :
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#1

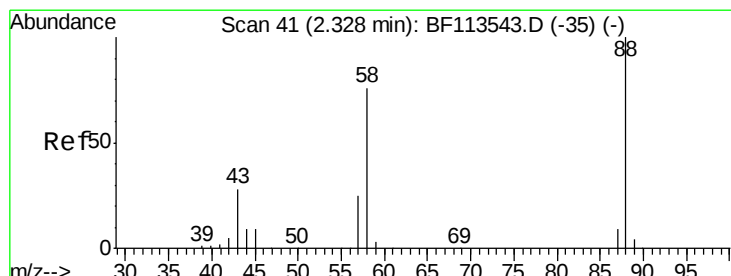
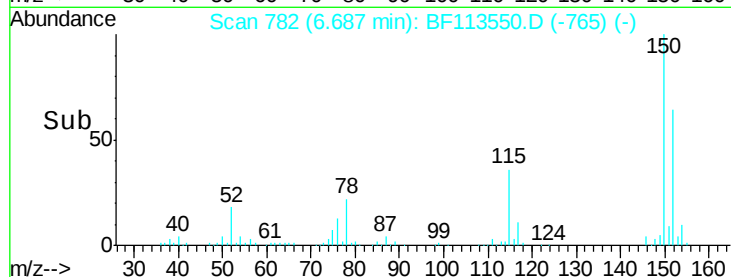
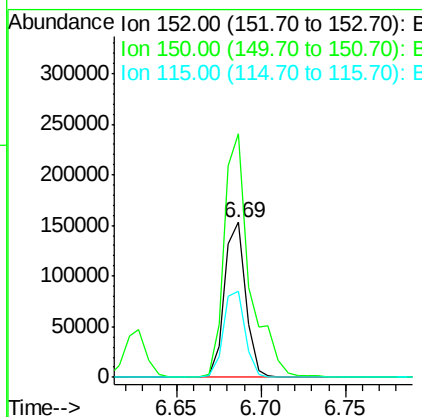
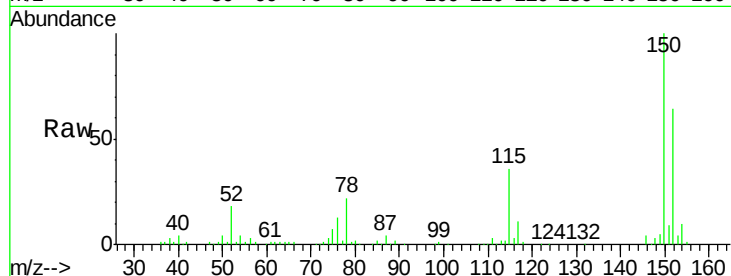
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.6	188.4
115	55.8	44.6	67.0

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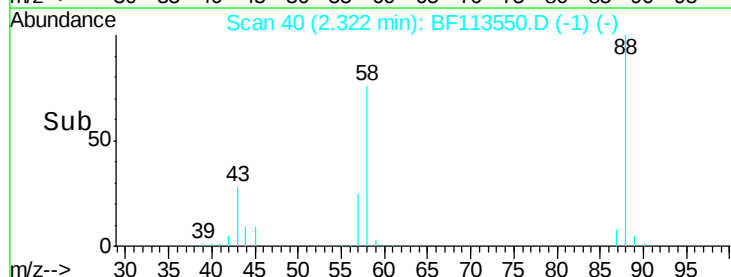
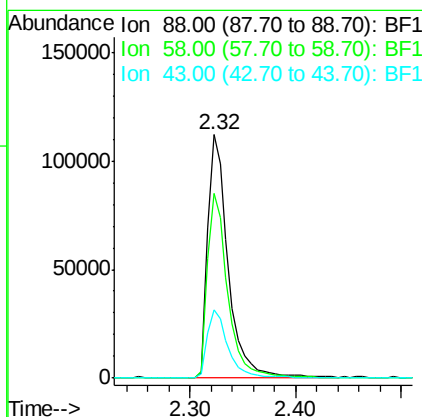
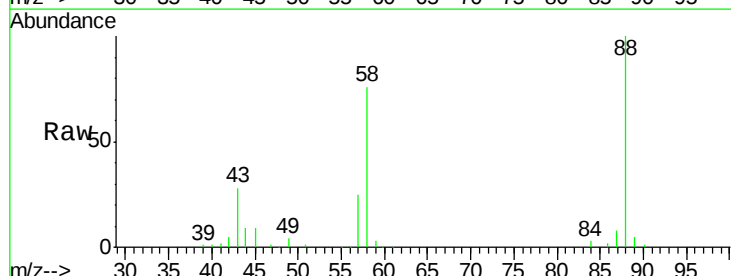
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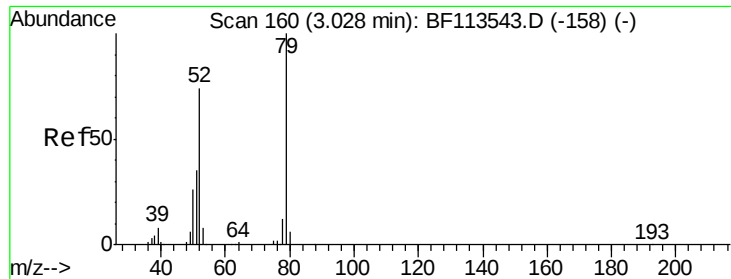


#2

1,4-Dioxane
Concen: 40.940 ng
RT: 2.32 min Scan# 40
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.1	60.1	90.1
43	28.2	22.6	33.8





#3

Pyridine

Concen: 40.763 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

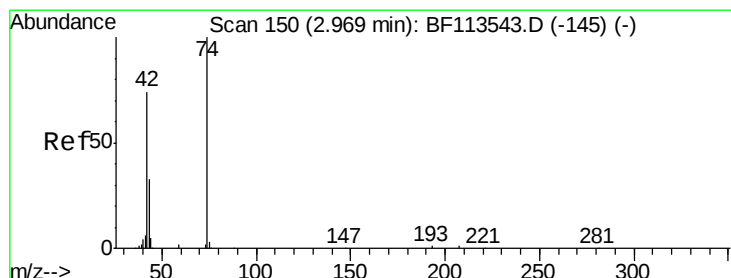
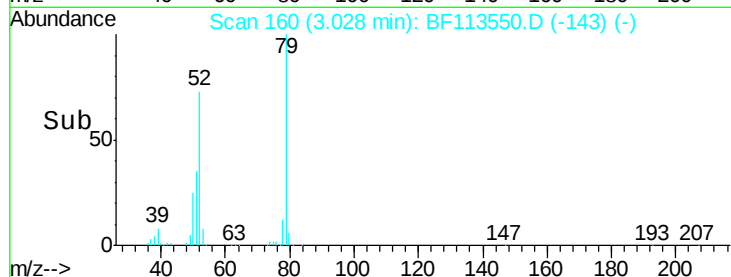
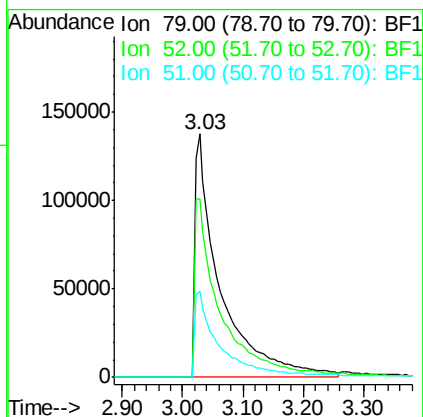
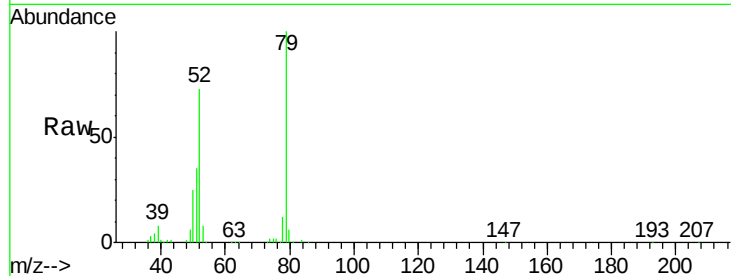
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	398721
Ion	Ratio	Lower	Upper
79	100		
52	73.2	58.6	87.8
51	35.4	28.3	42.5

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.650 ng

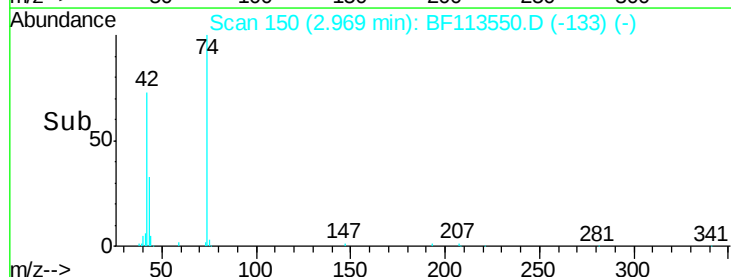
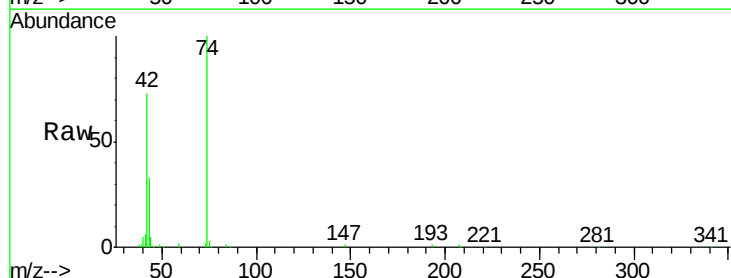
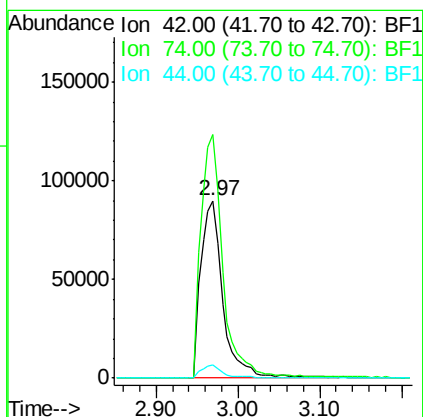
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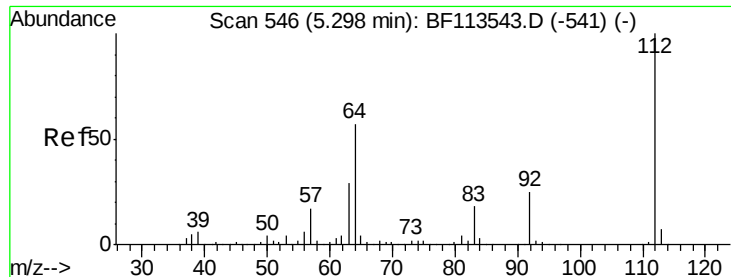
Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Tgt Ion:	42	Resp:	168940
Ion	Ratio	Lower	Upper
42	100		
74	137.3	109.8	164.8
44	7.2	5.8	8.6





#5

2-Fluorophenol

Concen: 81.633 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

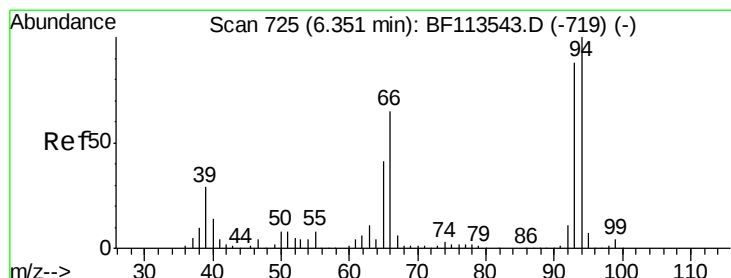
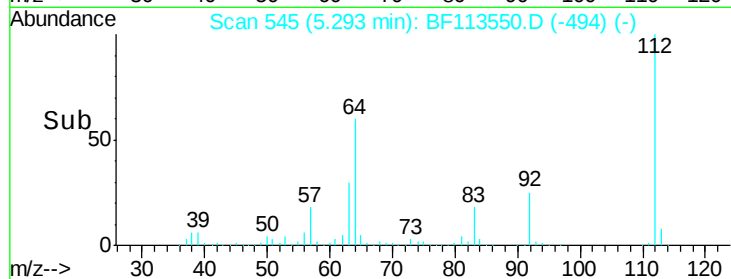
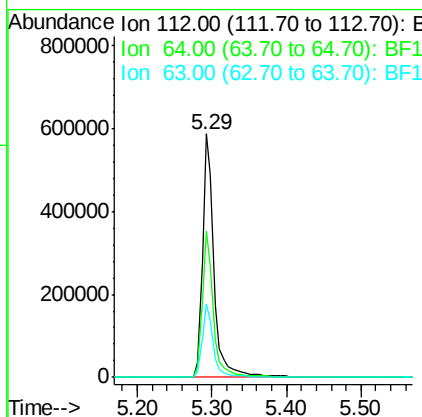
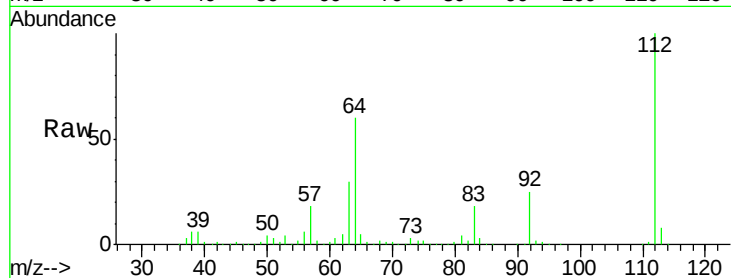
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	644211
Ion Ratio	Lower	Upper	
112	100		
64	60.3	48.2	72.4
63	30.3	24.2	36.4

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#6

Aniline

Concen: 42.218 ng

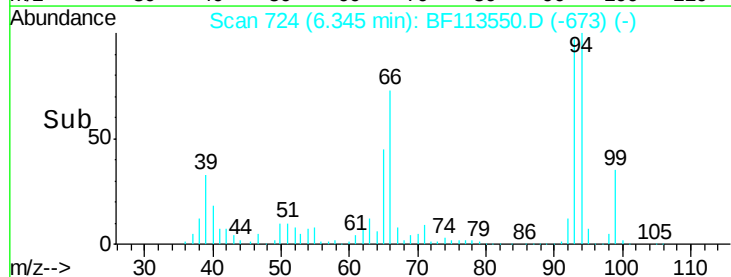
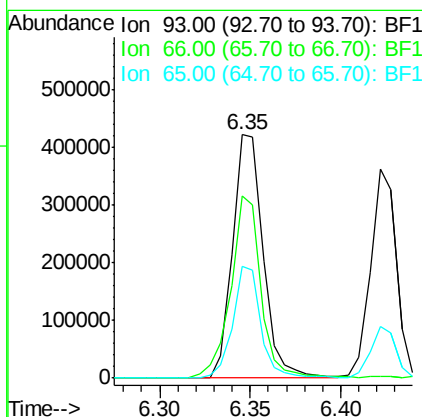
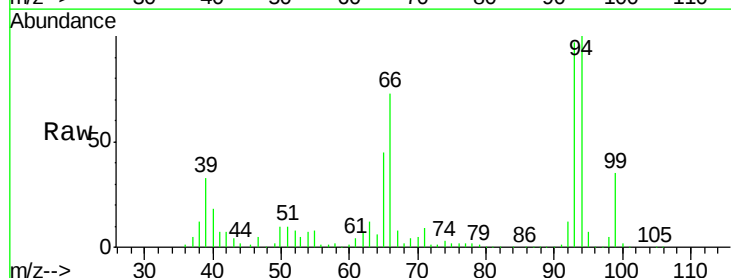
RT: 6.35 min Scan# 724

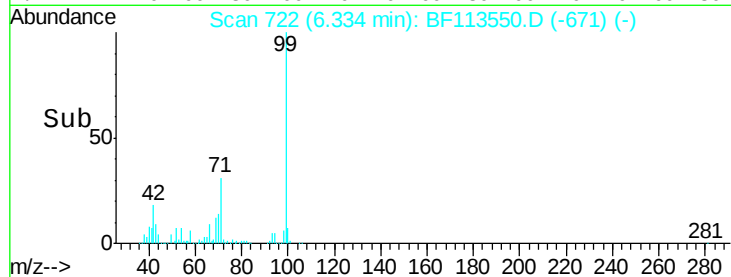
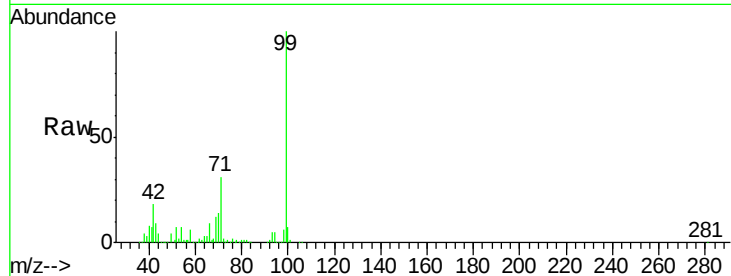
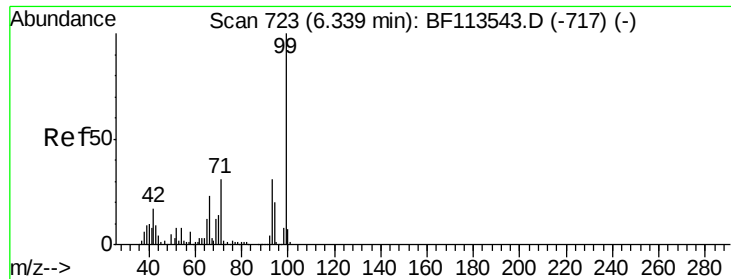
Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Tgt Ion:	93	Resp:	497727
Ion Ratio	Lower	Upper	
93	100		
66	74.7	59.8	89.6
65	46.0	36.8	55.2





#7

Phenol-d6

Concen: 82.140 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Tgt Ion:	99	Resp:	798920
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.6	21.8
71	31.3	25.0	37.6

Instrument :

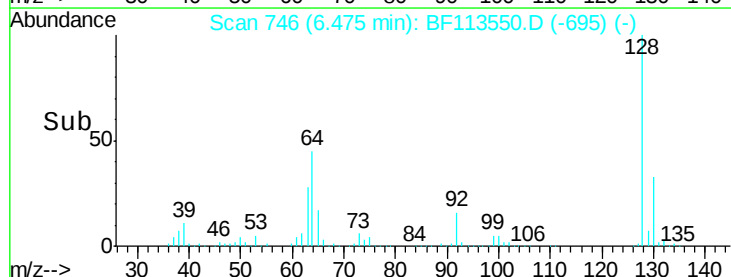
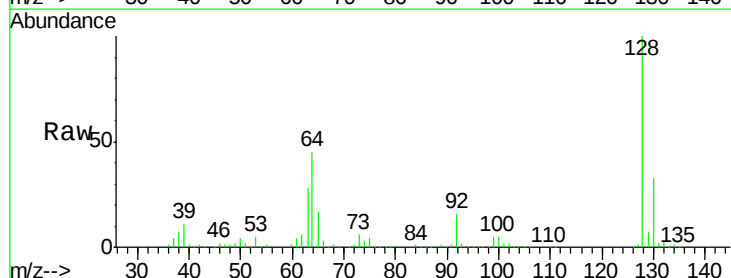
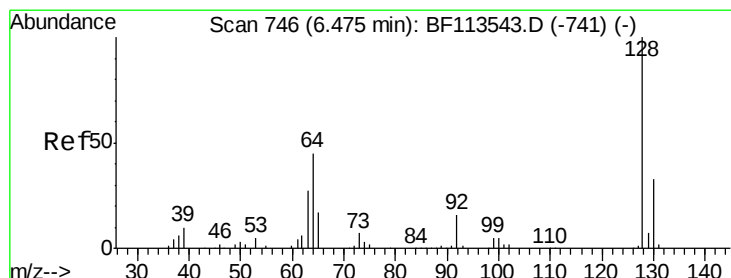
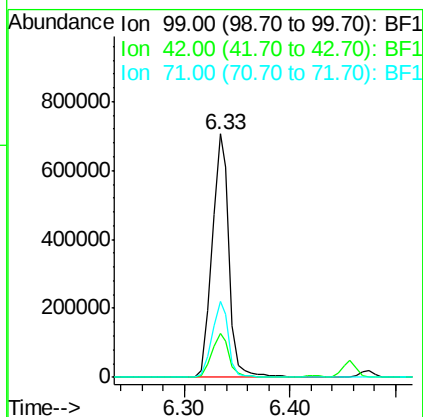
BNA_F

ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 40.909 ng

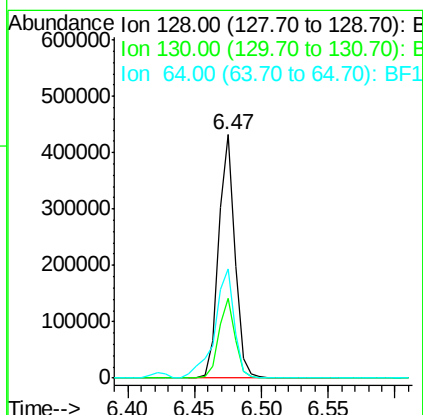
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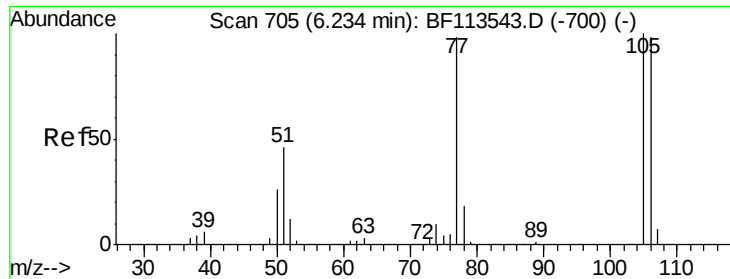
Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Tgt Ion:	128	Resp:	373512
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.9	52.9
64	44.8	24.8	64.8





#9

Benzaldehyde

Concen: 42.849 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 247808

Ion Ratio Lower Upper

77 100

105 101.7 81.7 121.7

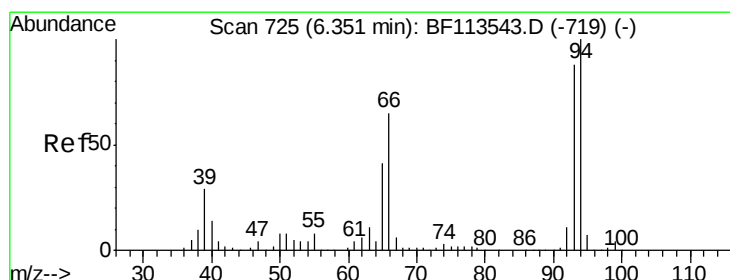
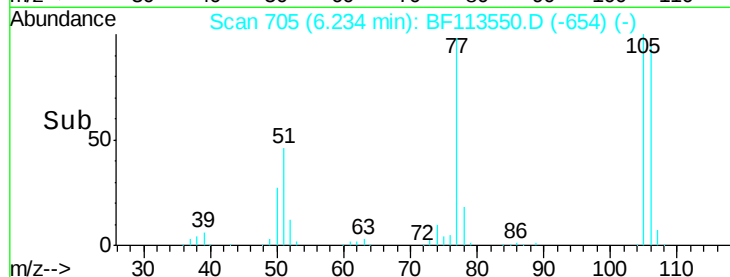
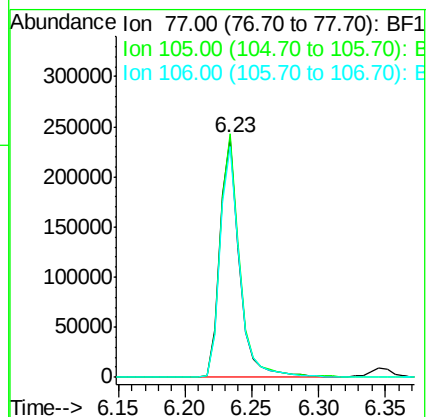
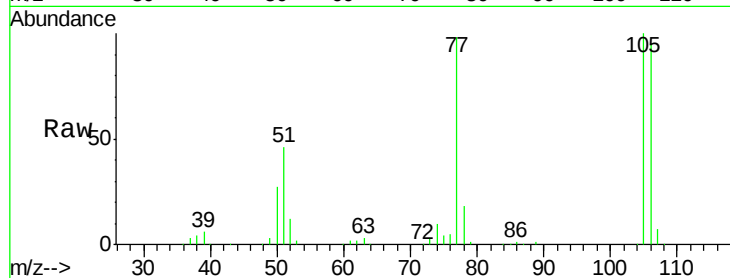
106 96.5 76.5 116.5

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#10

Phenol

Concen: 41.034 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

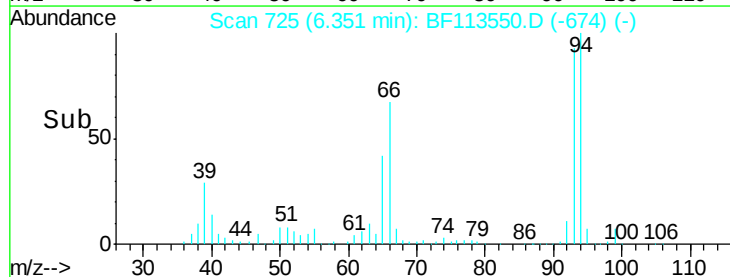
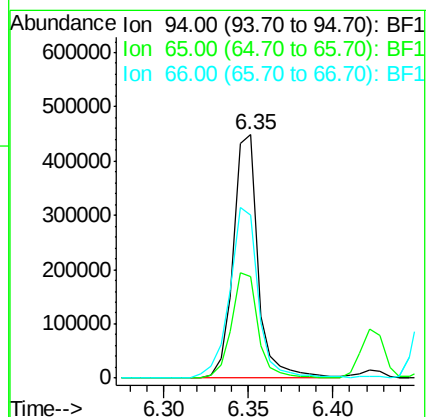
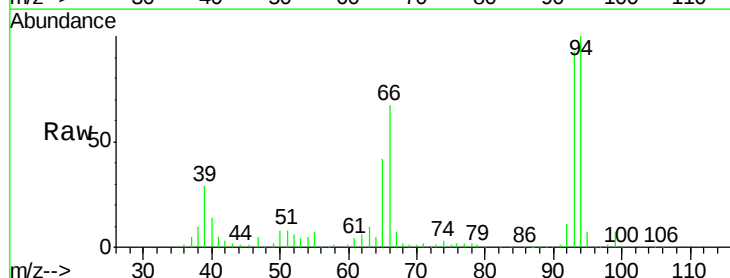
Tgt Ion: 94 Resp: 455828

Ion Ratio Lower Upper

94 100

65 41.6 21.6 61.6

66 66.9 46.9 86.9





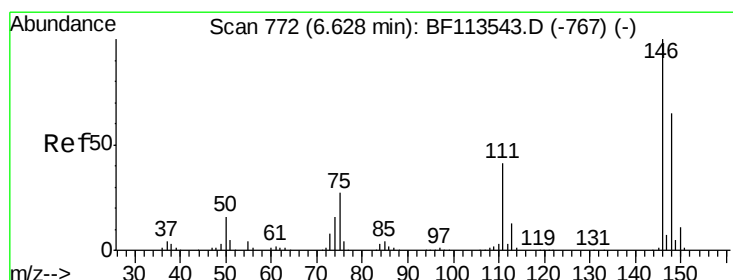
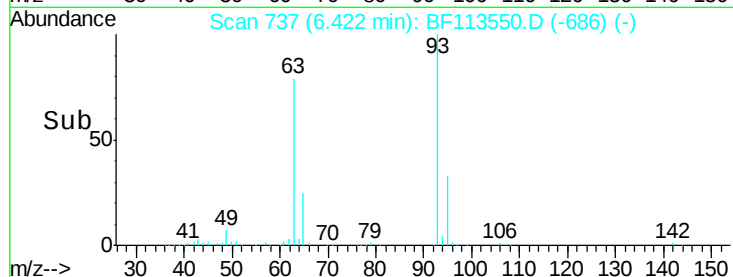
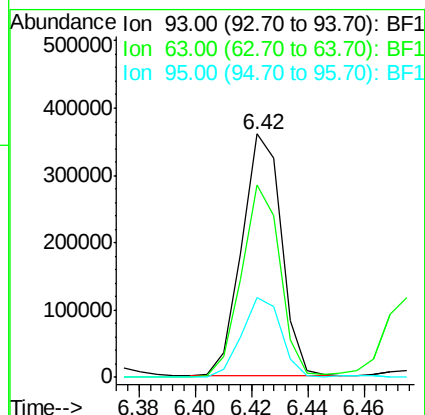
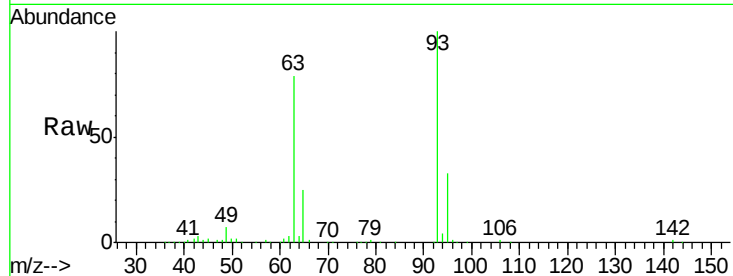
#11
bis(2-Chloroethyl)ether
Concen: 40.489 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	93	Resp:	349868
Ion Ratio	Lower	Upper	
93	100		
63	79.2	59.2	99.2
95	32.7	12.7	52.7

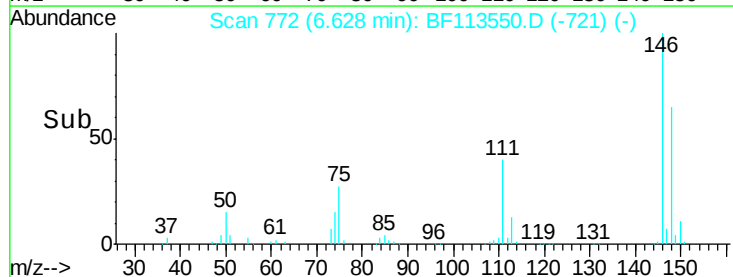
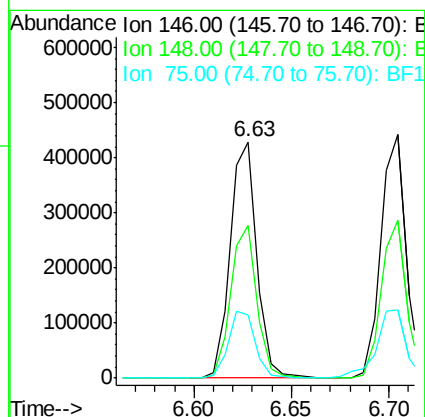
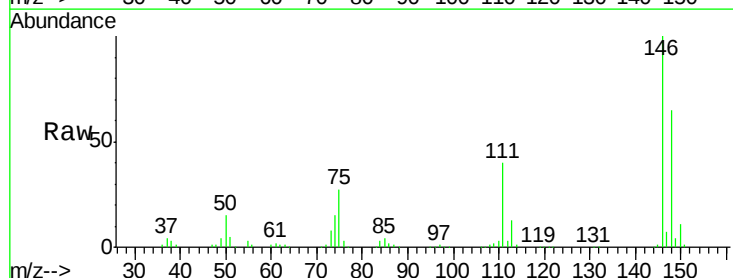
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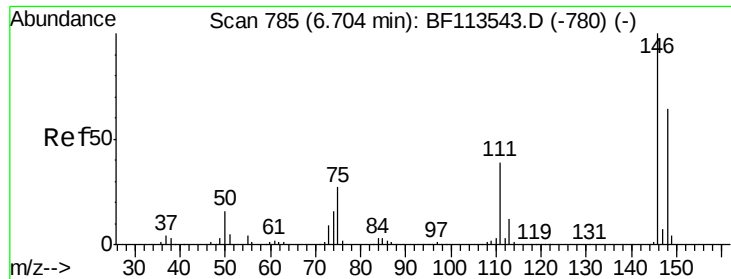
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.121 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Tgt Ion:	146	Resp:	404330
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.9	77.9
75	26.8	21.4	32.2





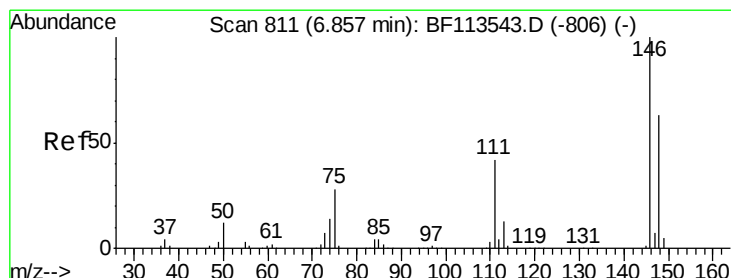
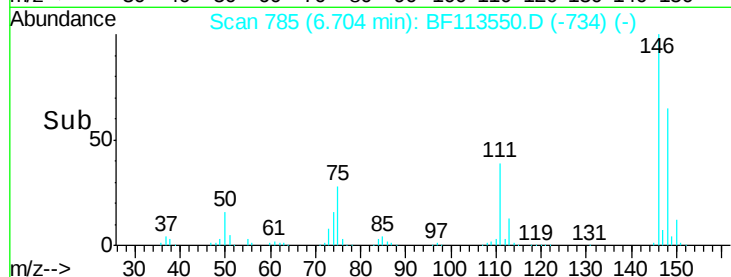
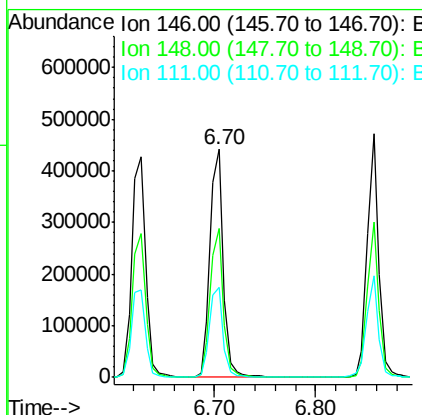
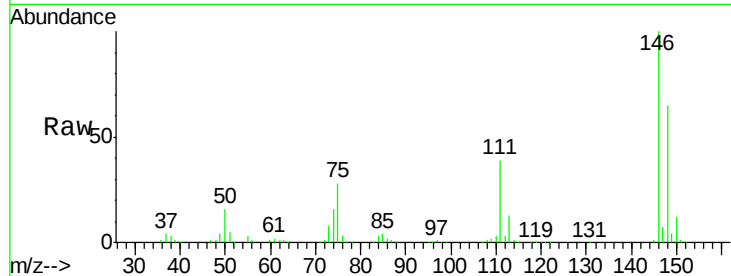
#13
 1,4-Dichlorobenzene
 Concen: 40.802 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
111	39.3	31.4	47.2

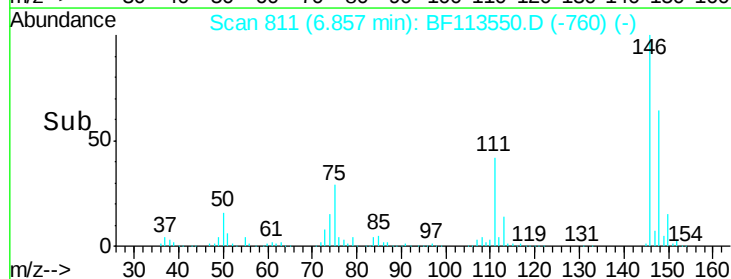
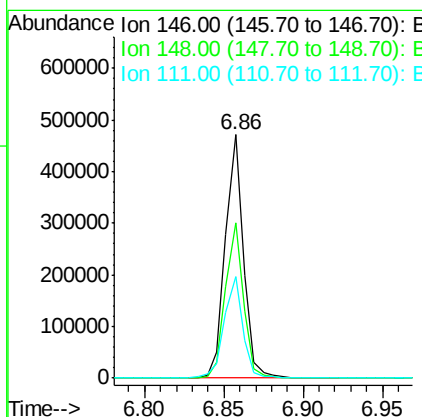
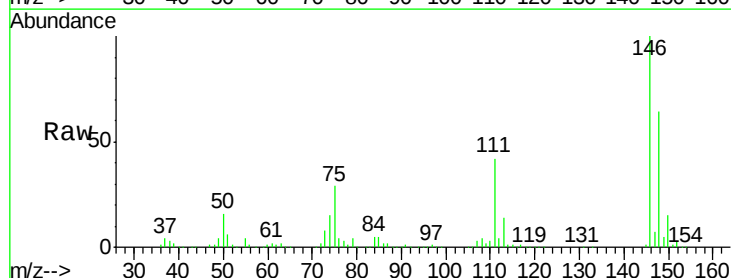
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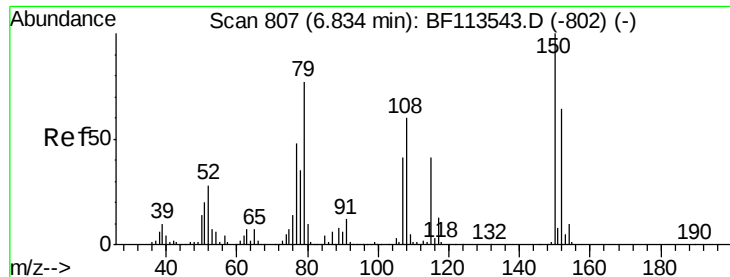
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.687 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	41.8	33.4	50.2





#15

Benzyl Alcohol

Concen: 42.088 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

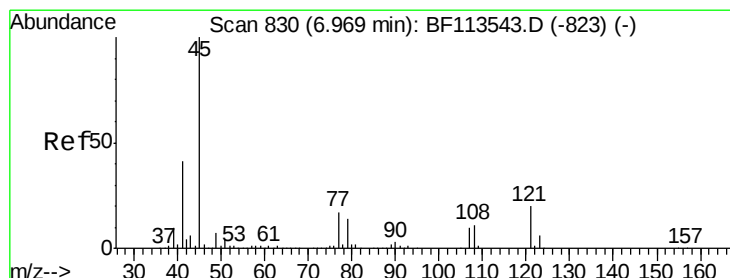
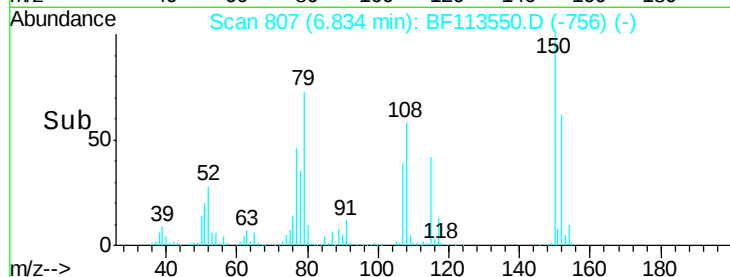
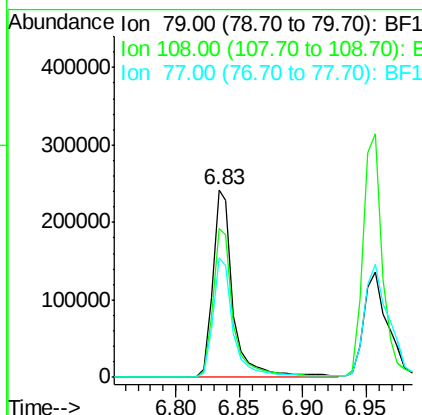
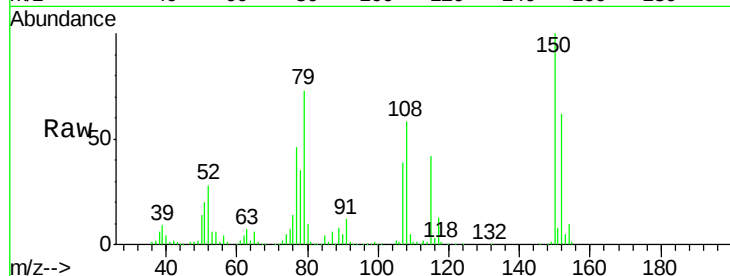
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	276795
Ion	Ratio	Lower	Upper
79	100		
108	79.3	63.4	95.2
77	63.5	50.8	76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.926 ng

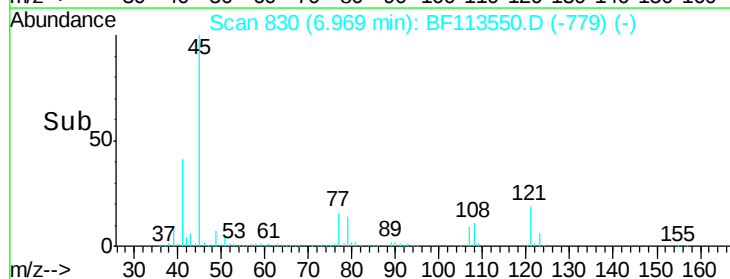
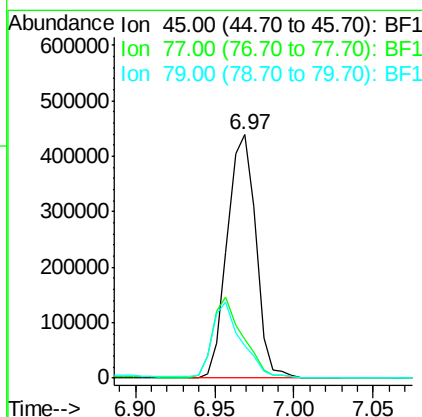
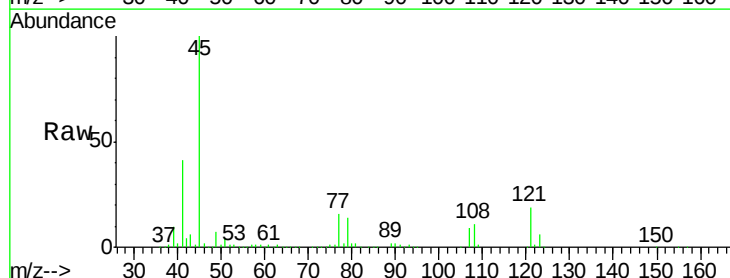
RT: 6.97 min Scan# 830

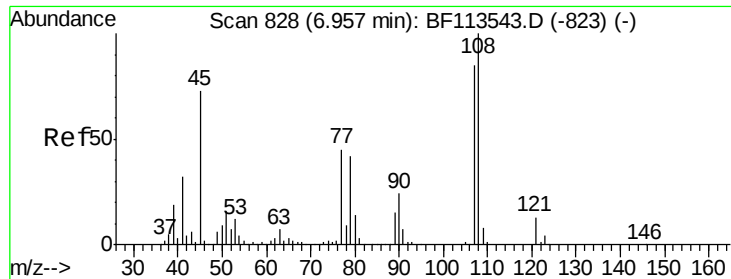
Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Tgt Ion:	45	Resp:	550466
Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	36.2
79	13.6	0.0	33.6





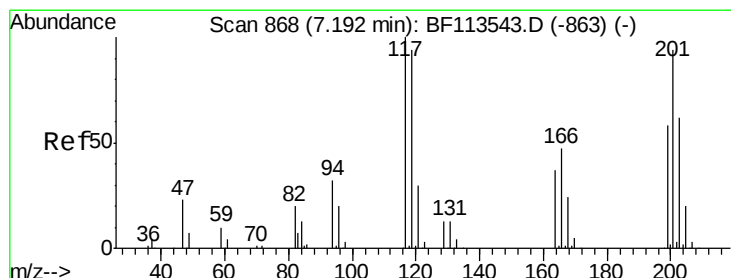
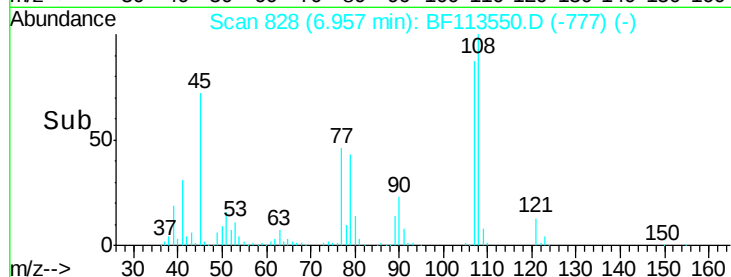
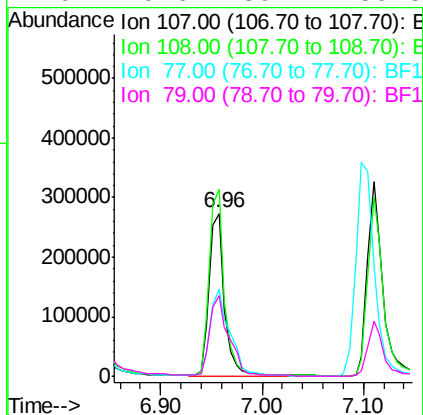
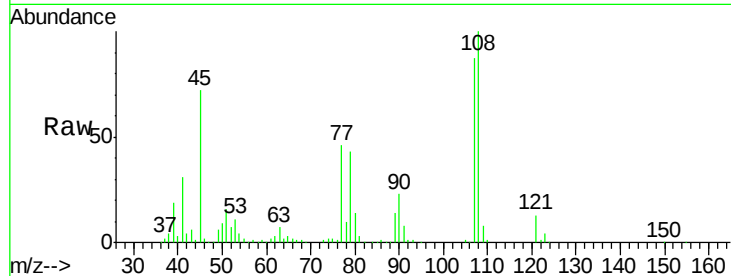
#17
2-Methylphenol
Concen: 40.925 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	289573		
108	114.8	91.8	137.8	
77	53.2	42.6	63.8	
79	49.6	39.7	59.5	

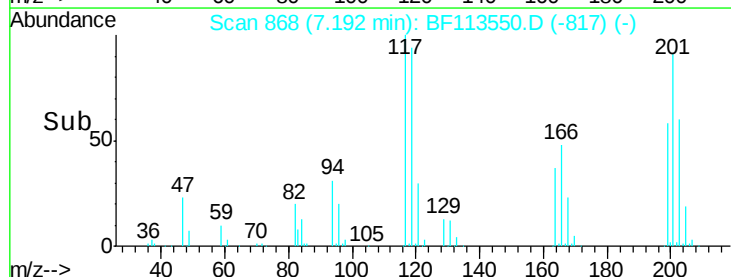
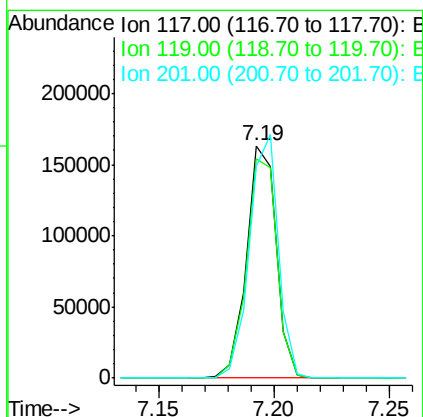
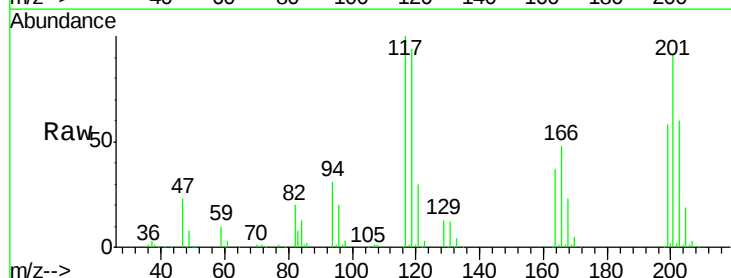
Manual Integrations
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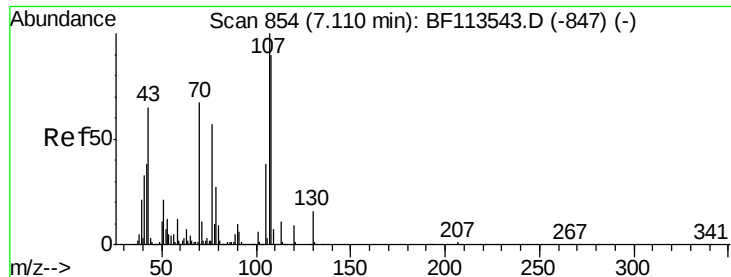
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#18
Hexachloroethane
Concen: 40.705 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	147215		
119	94.2	75.4	113.0	
201	91.0	72.8	109.2	





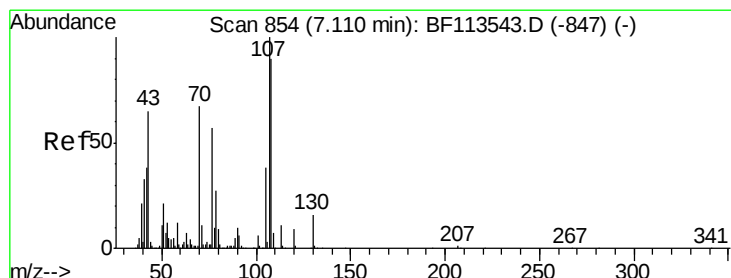
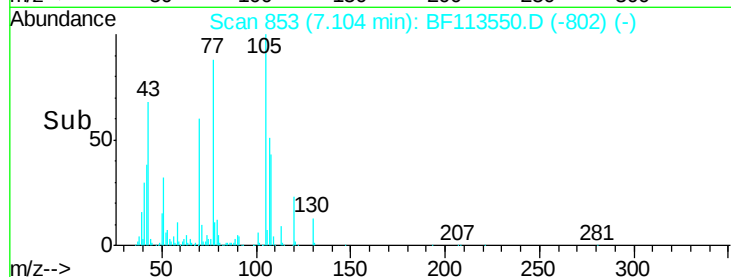
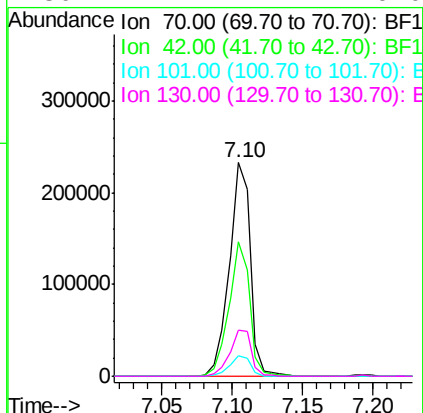
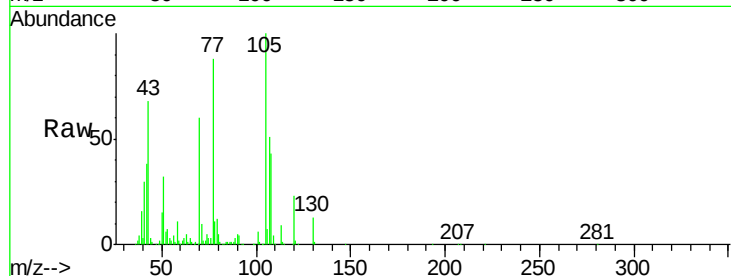
#19
n-Nitroso-di-n-propylamine
Concen: 40.216 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.9	50.3	75.5
101	9.5	7.6	11.4
130	21.7	17.4	26.0

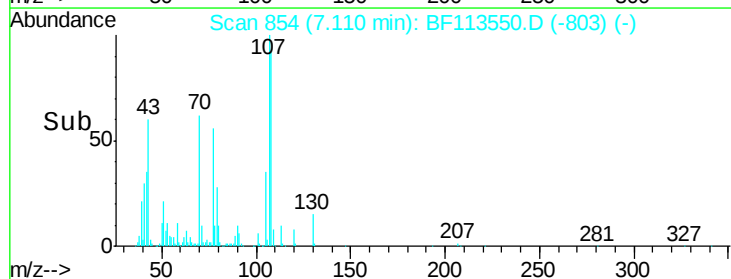
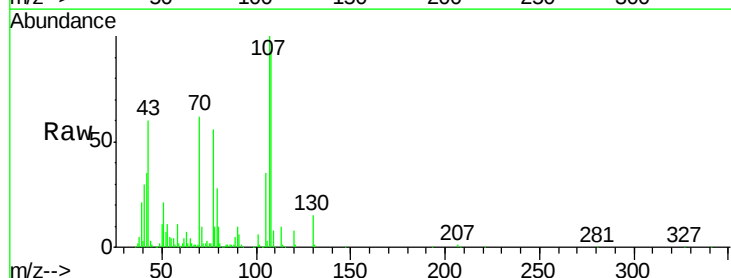
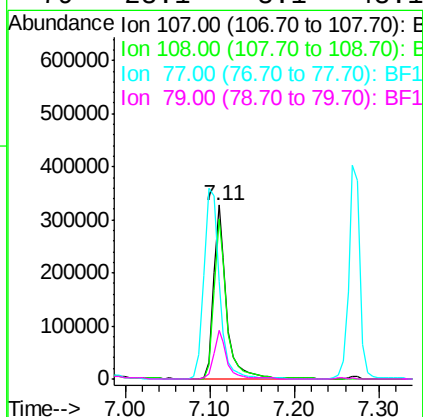
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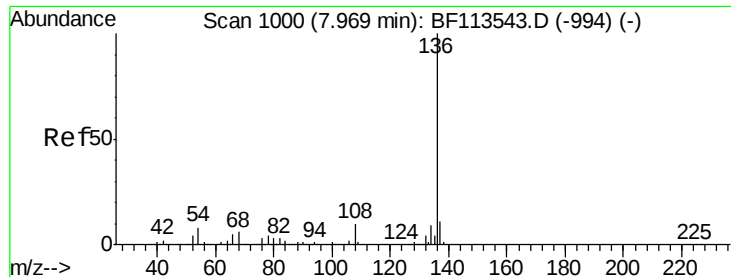
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#20
3+4-Methylphenols
Concen: 41.370 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.9	111.9
77	56.2	36.2	76.2
79	28.1	8.1	48.1





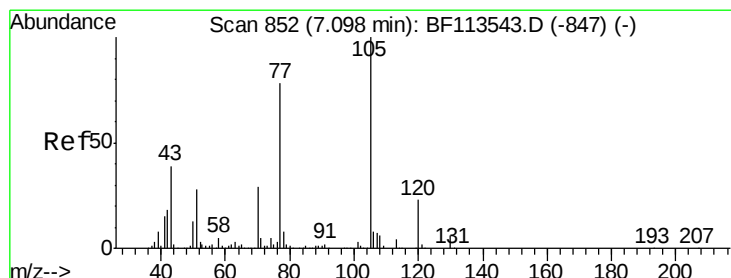
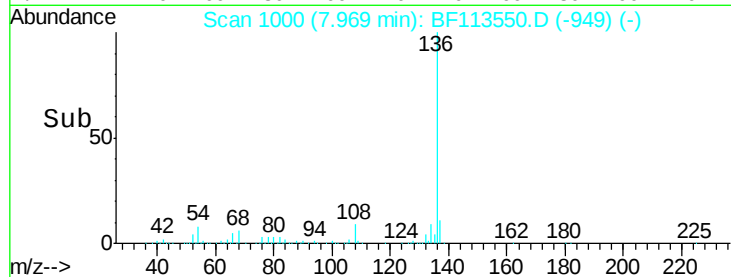
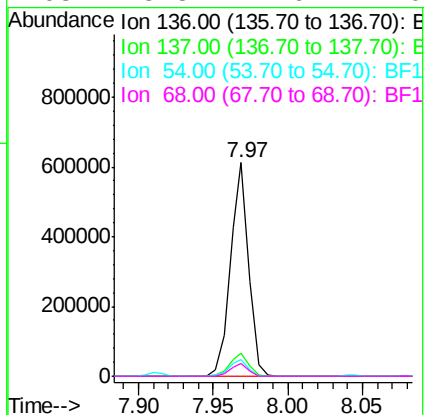
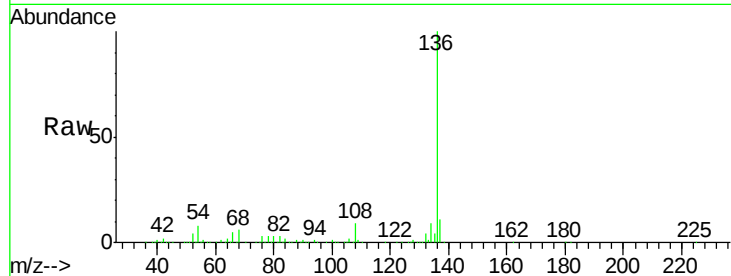
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	526757		
137	10.8	8.6	13.0	
54	7.7	6.2	9.2	
68	5.8	4.6	7.0	

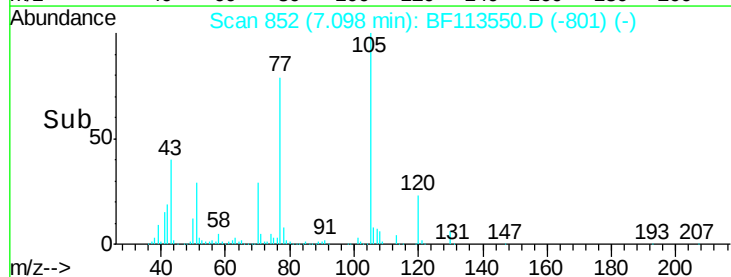
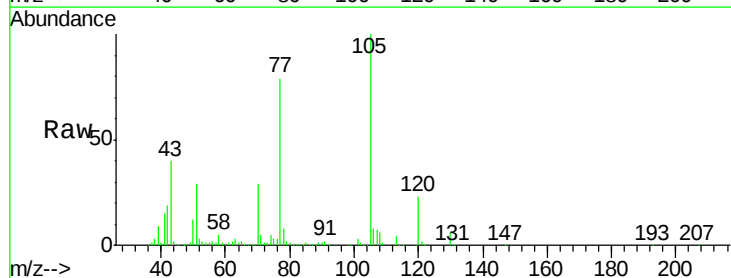
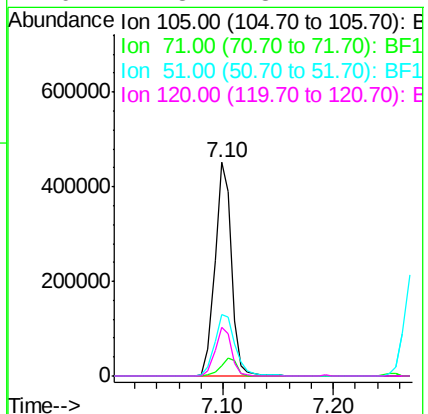
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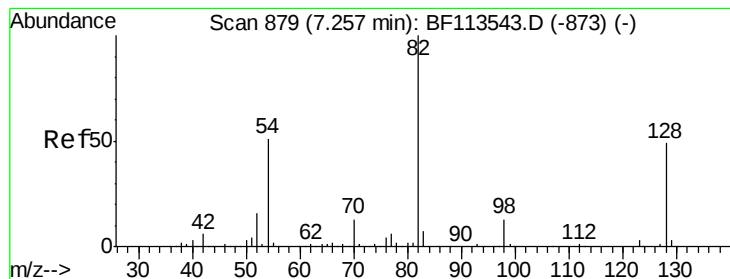
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#22
Acetophenone
Concen: 40.096 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	463887		
71	4.7	3.8	5.6	
51	29.0	23.2	34.8	
120	22.8	18.2	27.4	





#23

Nitrobenzene-d5

Concen: 80.669 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

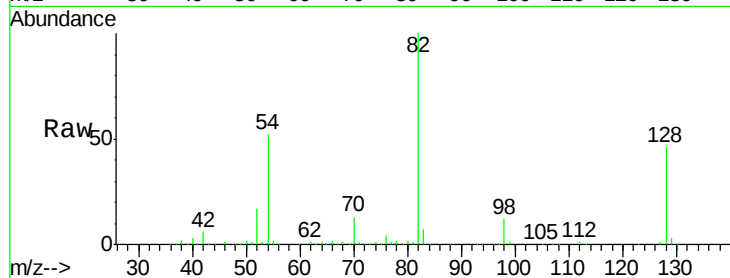
ClientSampleId :

SSTDCCC040

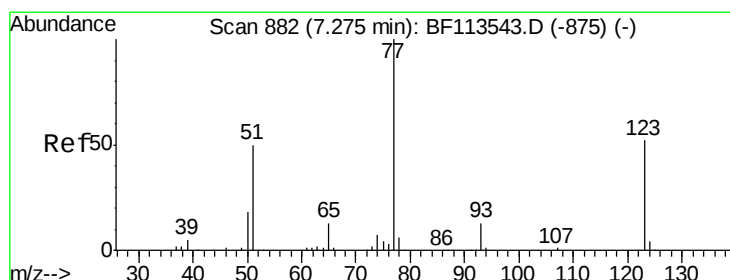
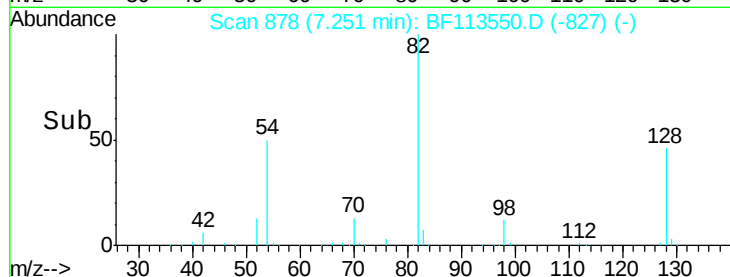
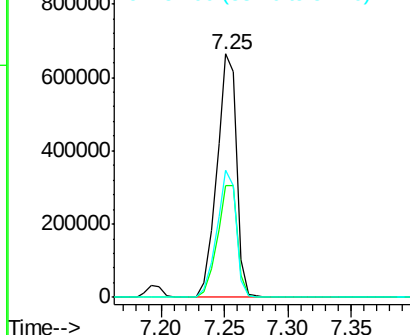
Tgt Ion:	82	Resp:	725442
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.6	54.8
54	52.4	41.9	62.9

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.719 ng

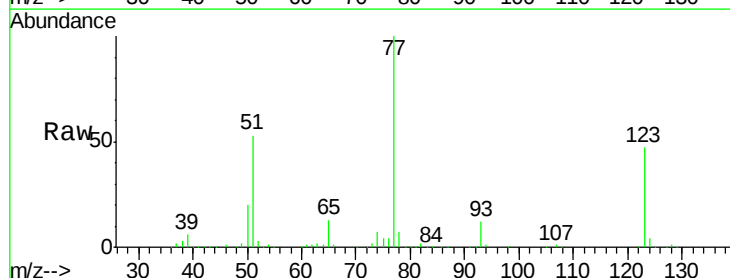
RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

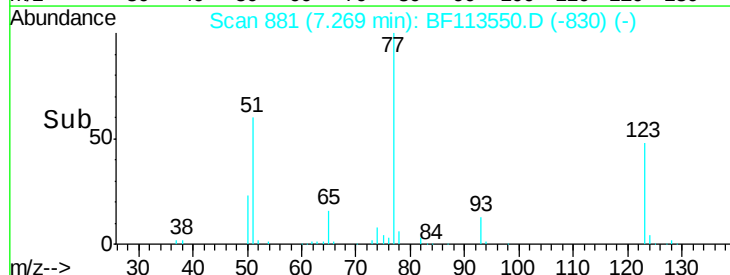
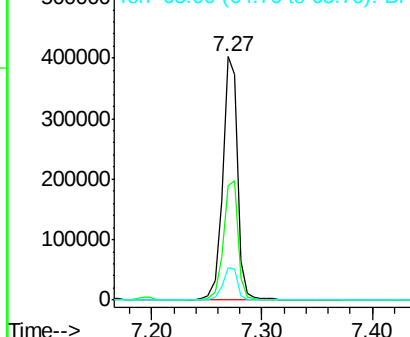
Lab File: BF113550.D

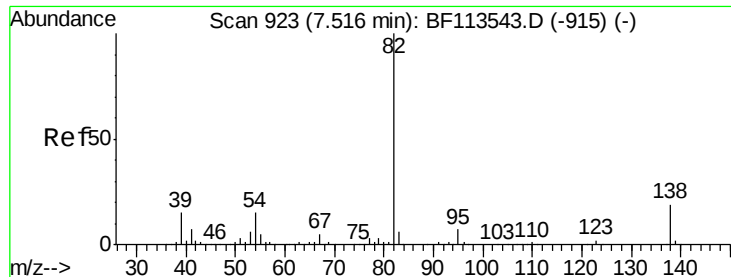
Acq: 3 Apr 2019 18:09

Tgt Ion:	77	Resp:	377104
Ion Ratio	Lower	Upper	
77	100		
123	46.9	37.5	56.3
65	13.5	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.567 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

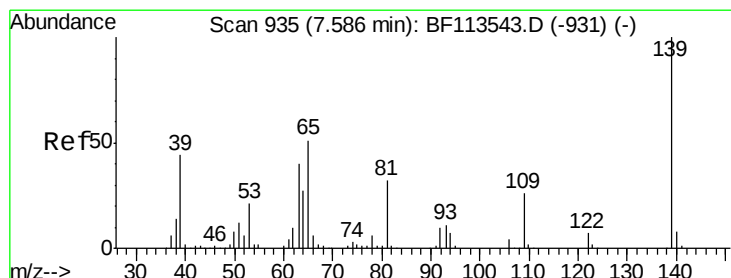
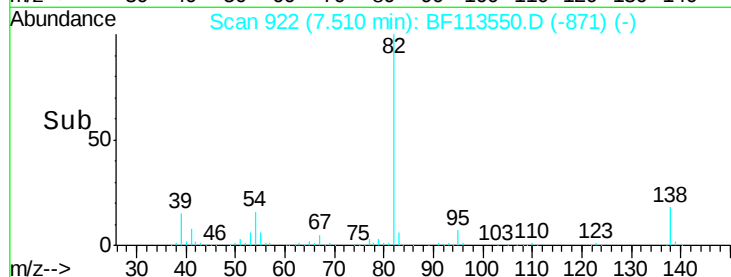
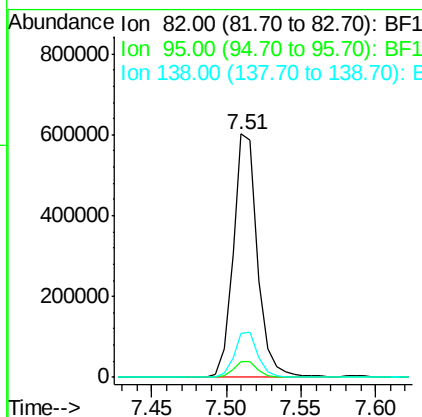
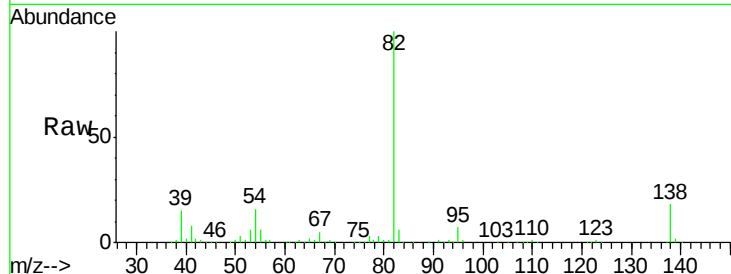
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	685439
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.0
138	17.9	14.3	21.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.989 ng

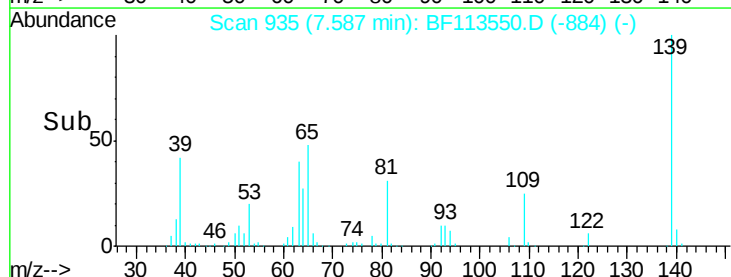
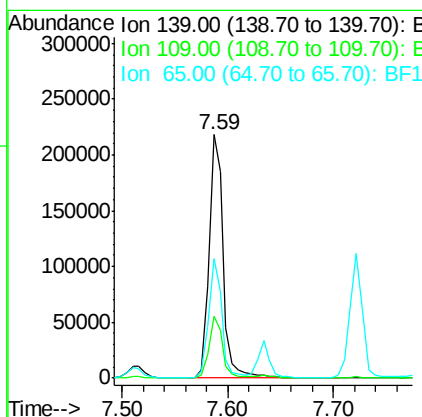
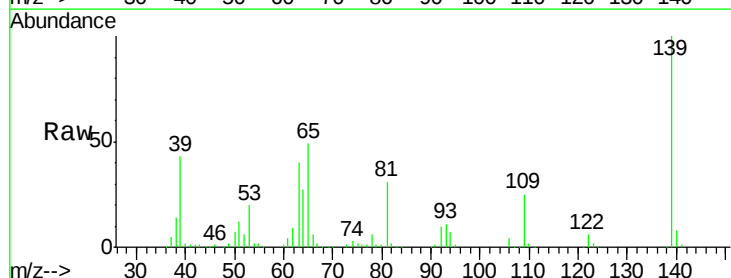
RT: 7.59 min Scan# 935

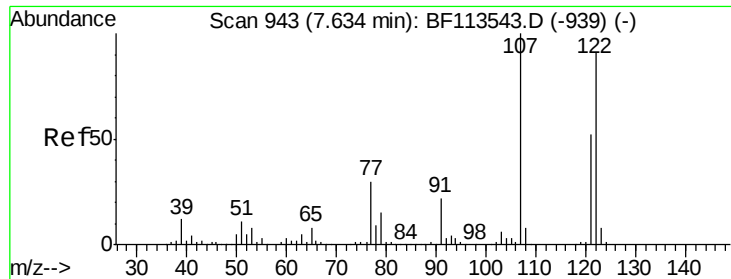
Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Tgt Ion:	139	Resp:	204303
Ion Ratio	Lower	Upper	
139	100		
109	25.3	20.2	30.4
65	49.0	39.2	58.8





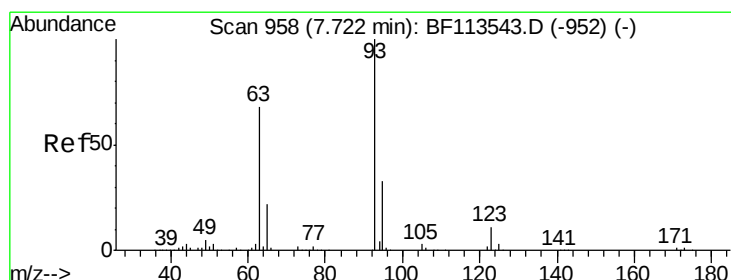
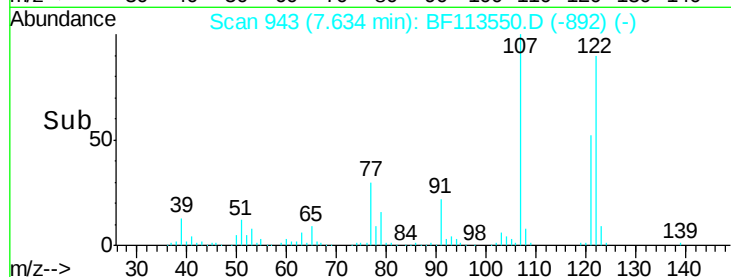
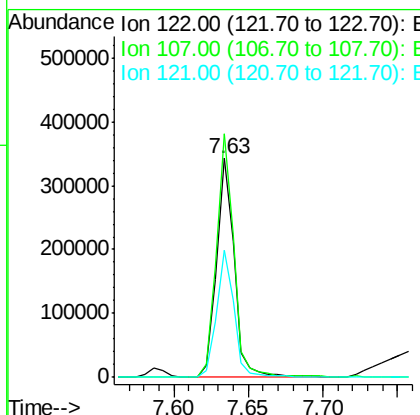
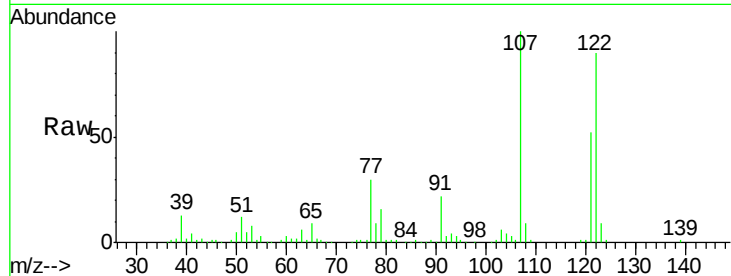
#27
2,4-Dimethylphenol
Concen: 39.762 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	283336		
107	111.2	89.0	133.4	
121	57.9	46.3	69.5	

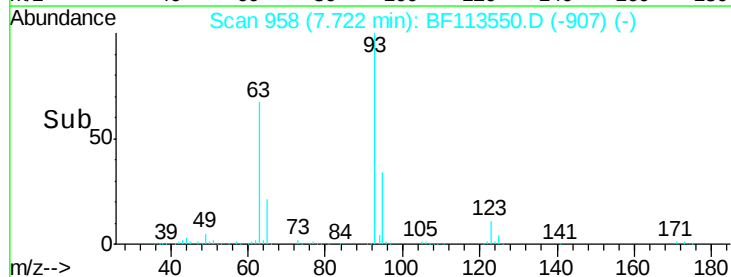
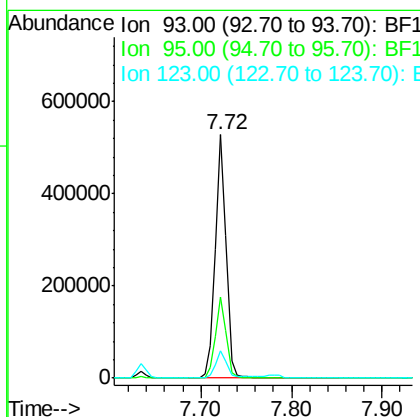
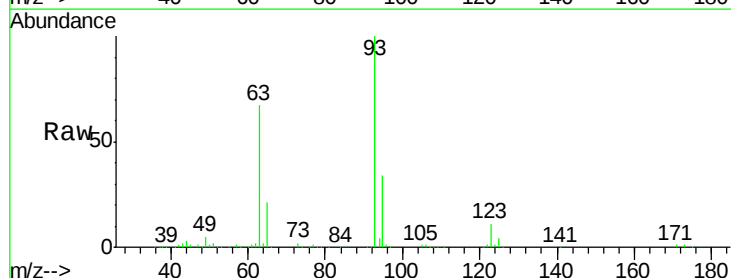
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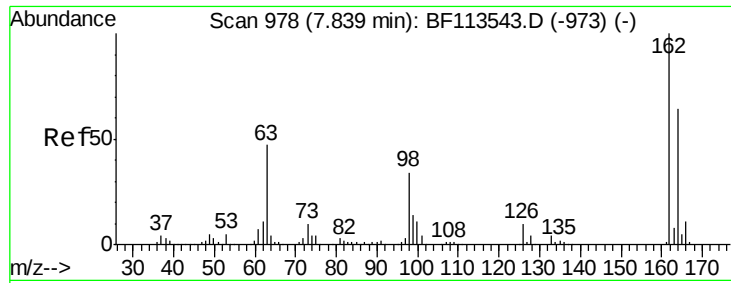
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#28
bis(2-Chloroethoxy)methane
Concen: 40.619 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	444876		
95	33.5	26.8	40.2	
123	11.0	8.8	13.2	





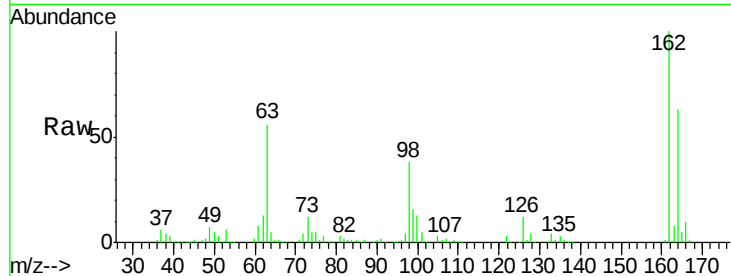
#29
2,4-Dichlorophenol
Concen: 40.767 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

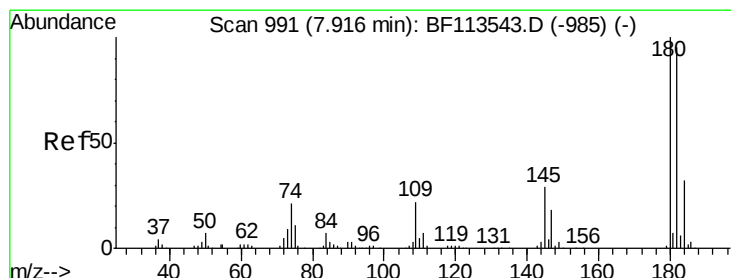
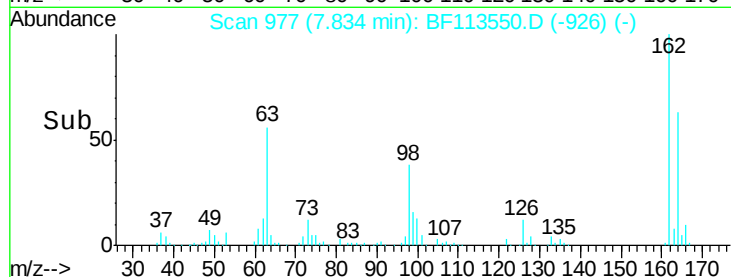
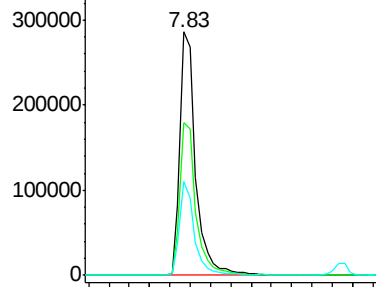
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	310813		
164	62.8	42.8	82.8	
98	38.3	18.3	58.3	

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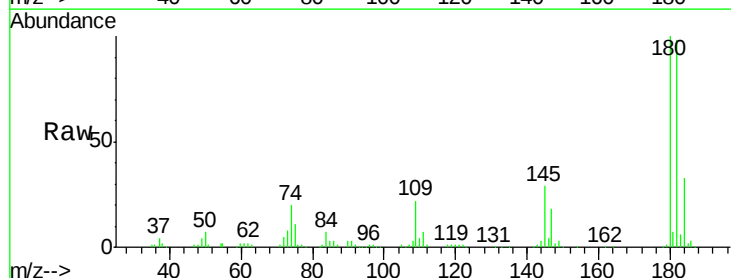


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

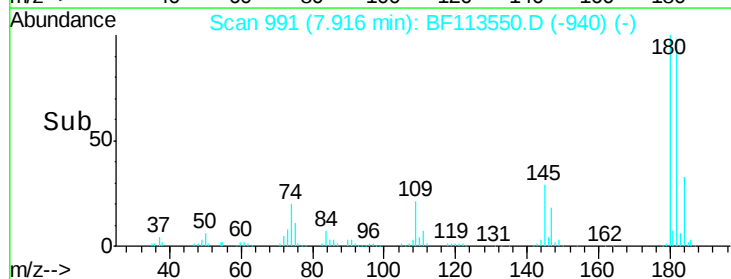
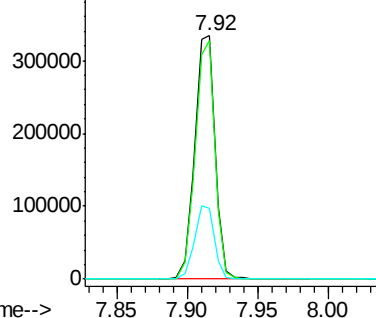


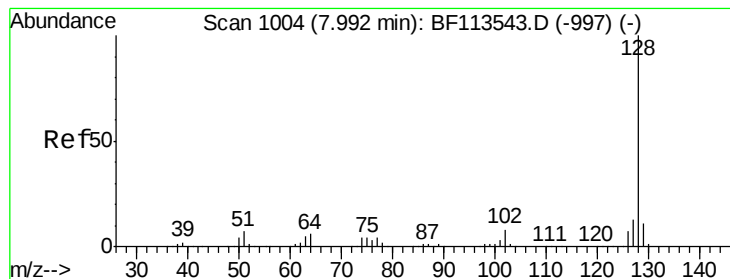
#30
1,2,4-Trichlorobenzene
Concen: 40.383 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	334346		
182	97.9	78.3	117.5	
145	29.1	23.3	34.9	



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





#31

Naphthalene

Concen: 40.714 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1039136

Ion Ratio Lower Upper

128 100

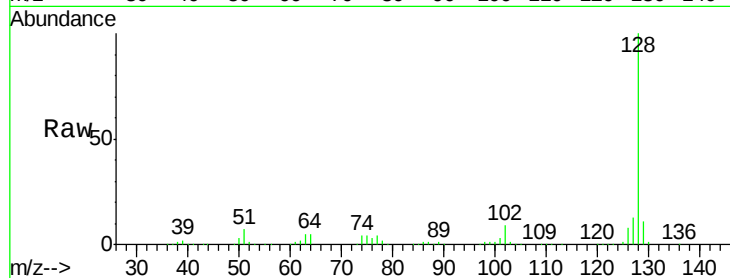
129 11.2 9.0 13.4

127 13.3 10.6 16.0

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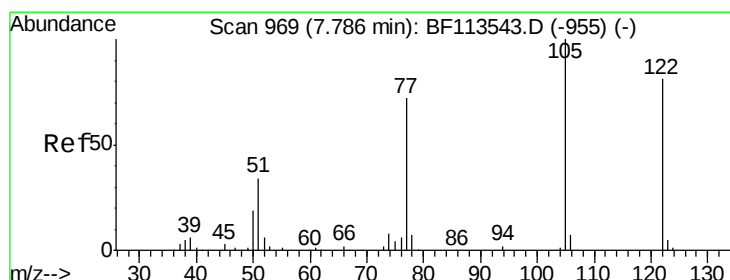
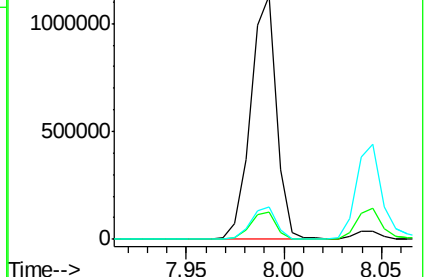
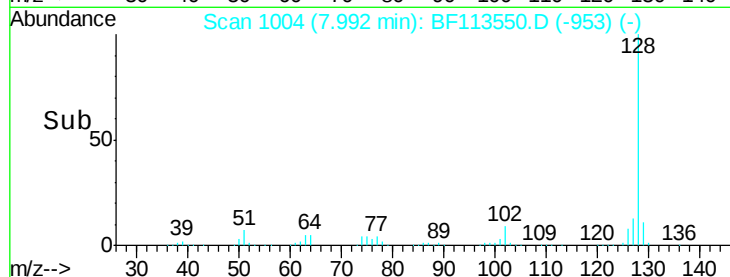
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.697 ng m

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

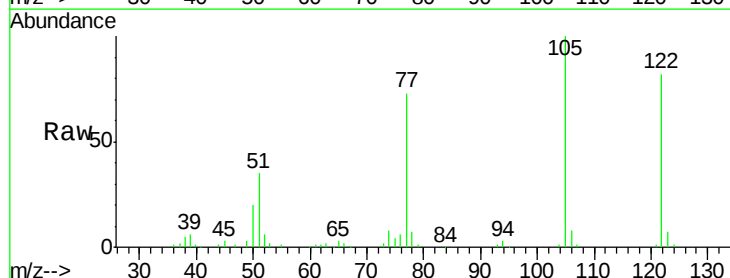
Tgt Ion:122 Resp: 211499

Ion Ratio Lower Upper

122 100

105 121.8 101.8 141.8

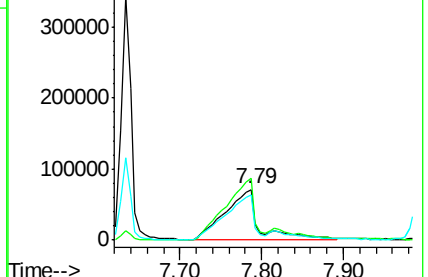
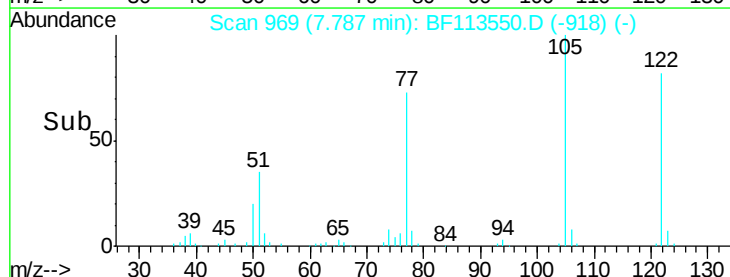
77 89.0 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





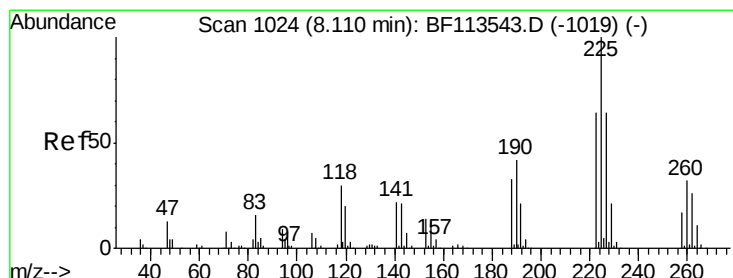
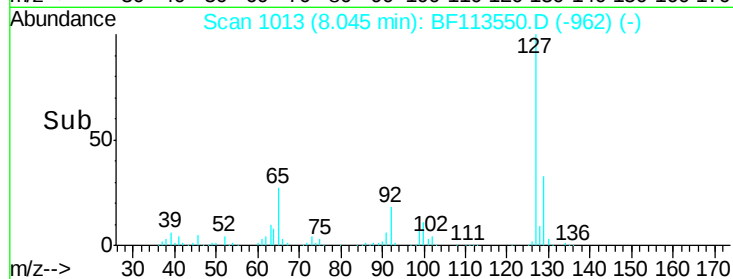
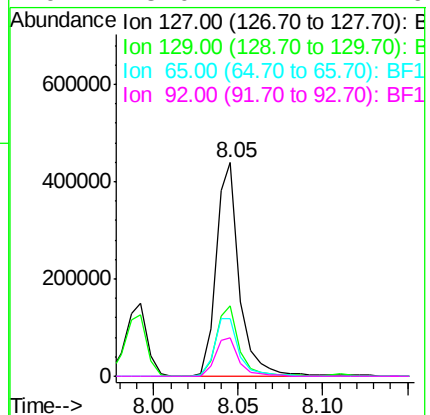
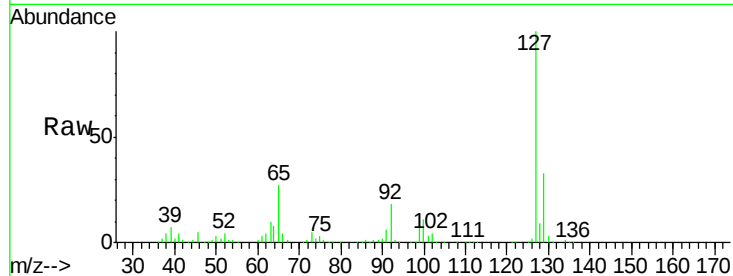
#33
4-Chloroaniline
Concen: 41.496 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	419941
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.2	39.2
65	27.2	21.8	32.6
92	18.0	14.4	21.6

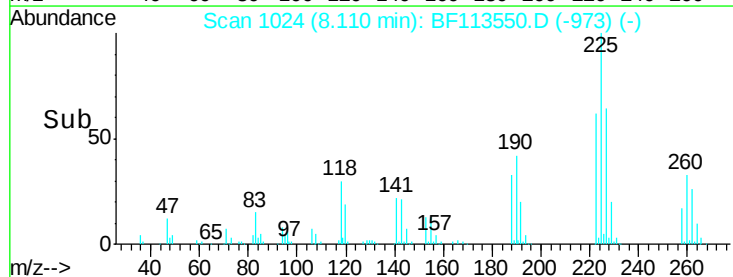
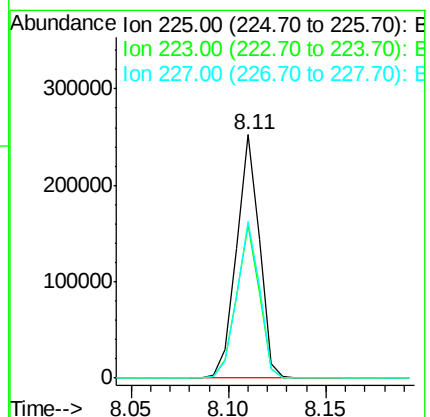
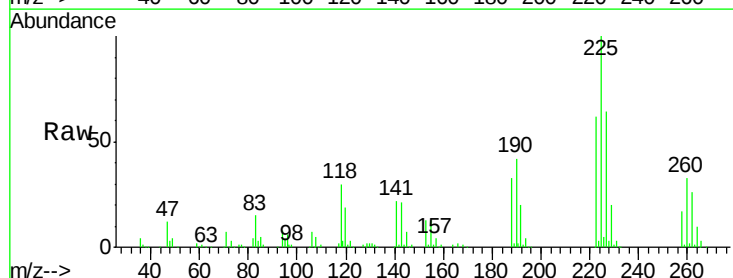
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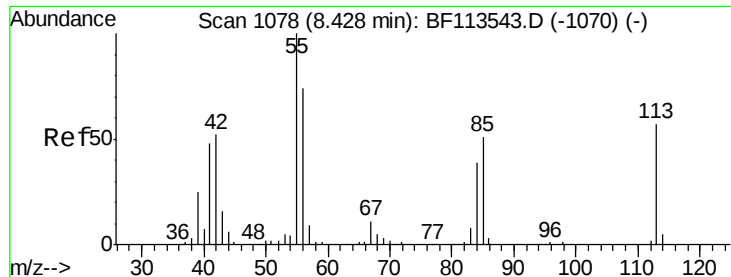
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#34
Hexachlorobutadiene
Concen: 40.768 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Tgt Ion:	225	Resp:	205783
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.0	75.0
227	64.3	51.4	77.2





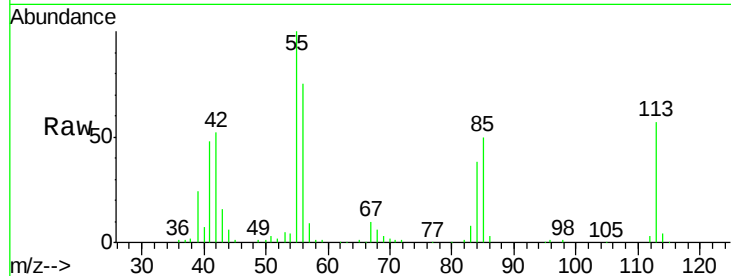
#35
 Caprolactam
 Concen: 40.162 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

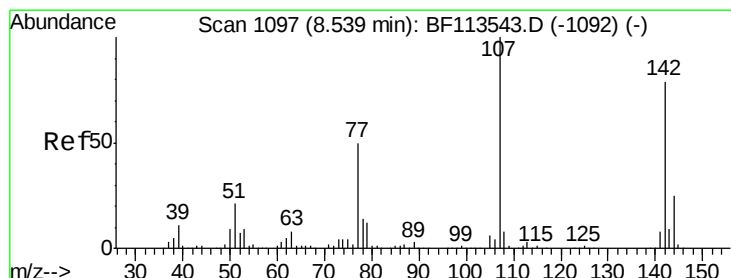
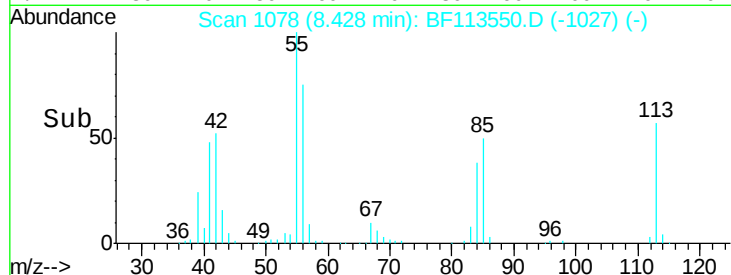
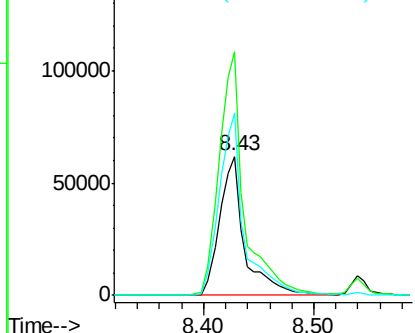
Tgt Ion	Ratio	Lower	Upper
113	100		
55	174.9	154.9	194.9
56	131.1	111.1	151.1

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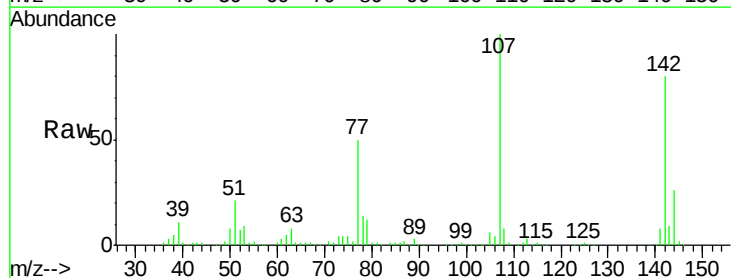


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

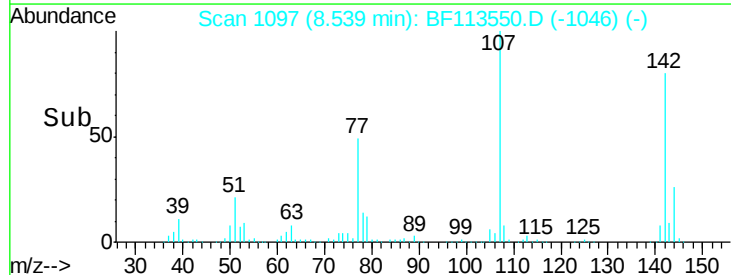
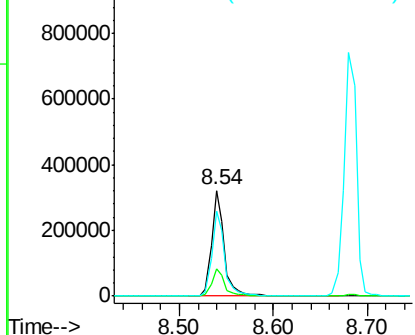


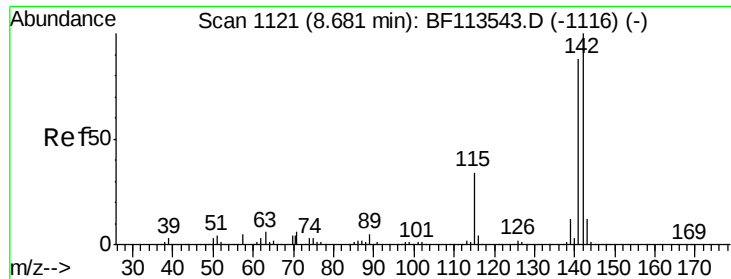
#36
 4-Chloro-3-methylphenol
 Concen: 40.563 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.8	31.2
142	80.2	64.2	96.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





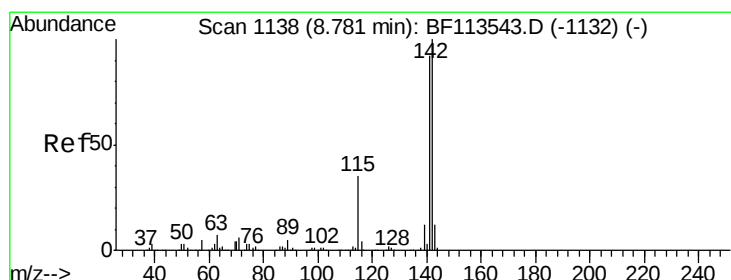
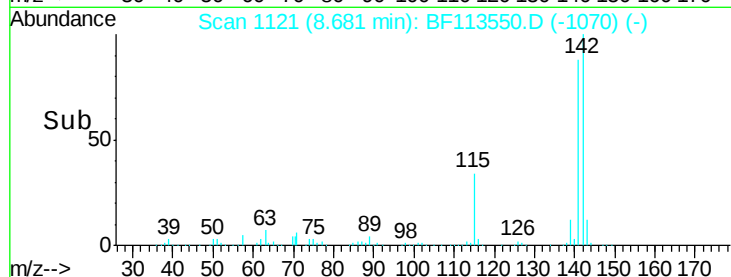
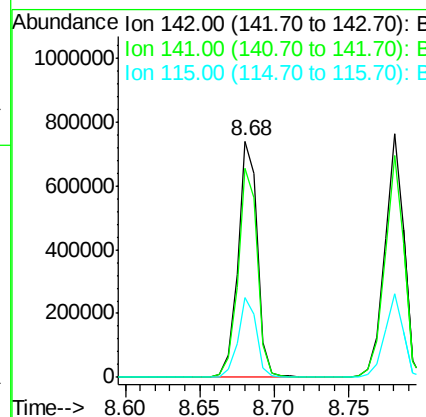
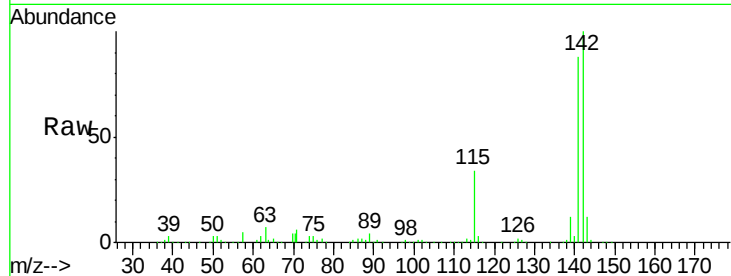
#37
 2-Methylnaphthalene
 Concen: 40.397 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.7	106.1
115	33.9	27.1	40.7

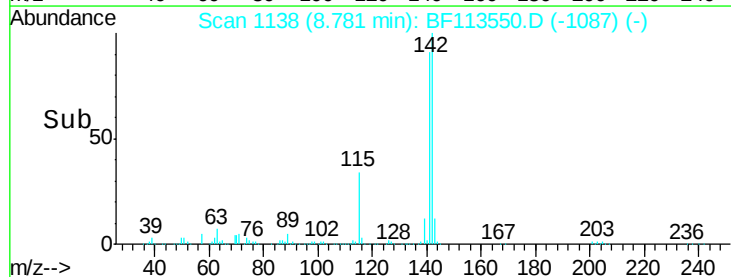
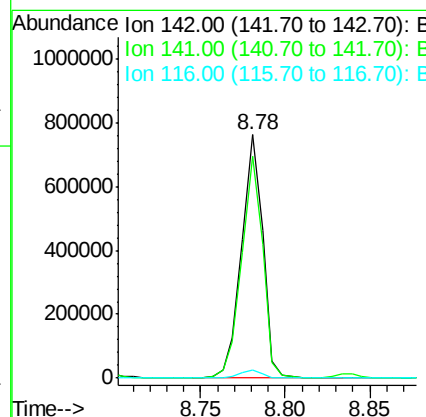
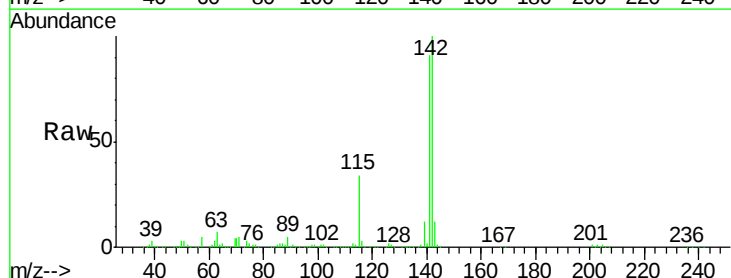
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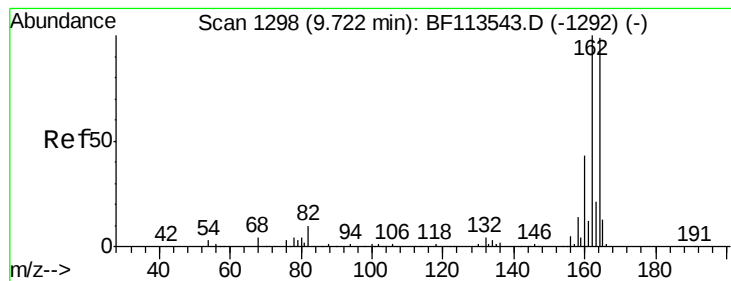
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#38
 1-Methylnaphthalene
 Concen: 40.935 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
116	3.4	2.7	4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

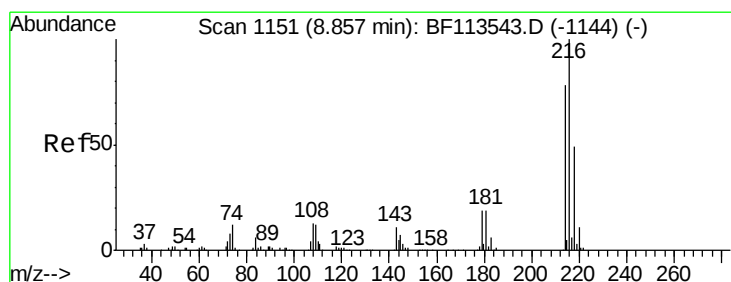
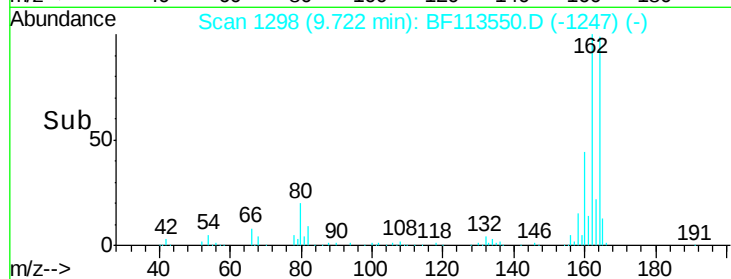
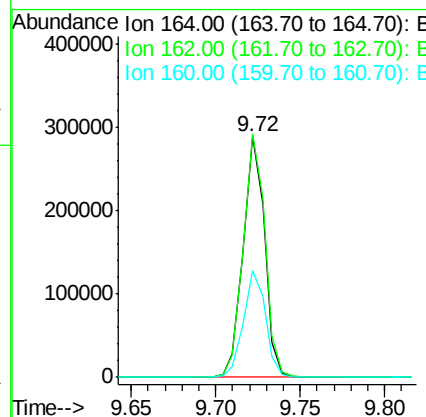
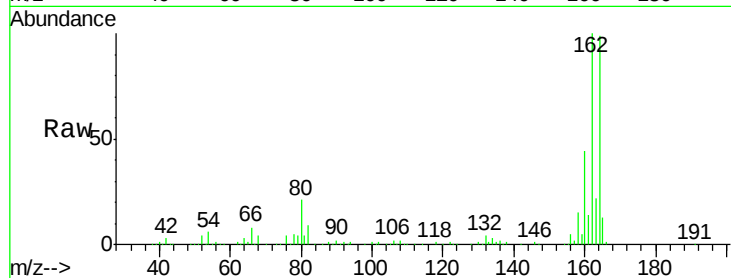
ClientSampleId :

SSTDCCC040

Tgt Ion:	164	Resp:	254160
Ion Ratio		Lower	Upper
164	100		
162	101.1	80.9	121.3
160	44.5	35.6	53.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.641 ng

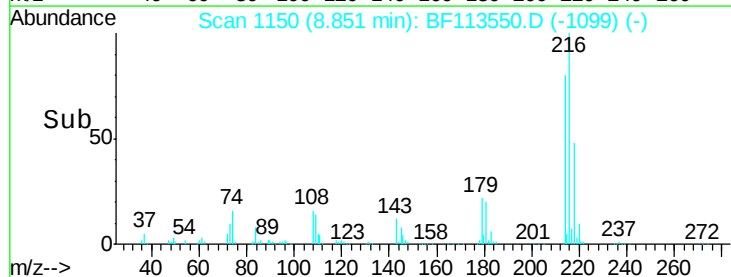
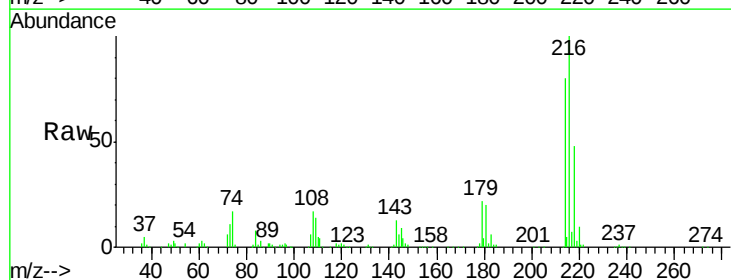
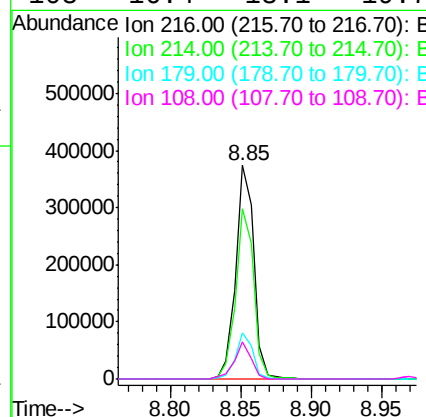
RT: 8.85 min Scan# 1150

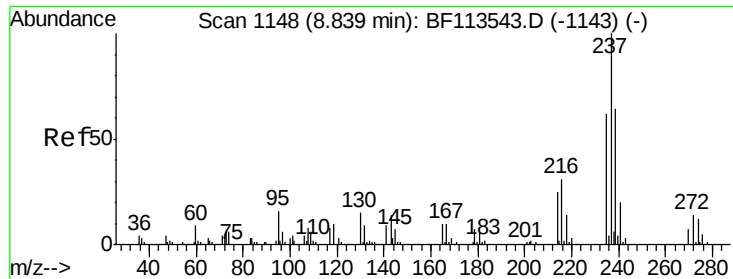
Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Tgt Ion:	216	Resp:	334058
Ion Ratio		Lower	Upper
216	100		
214	79.0	63.2	94.8
179	20.3	16.2	24.4
108	16.4	13.1	19.7





#41

Hexachlorocyclopentadiene

Concen: 38.493 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

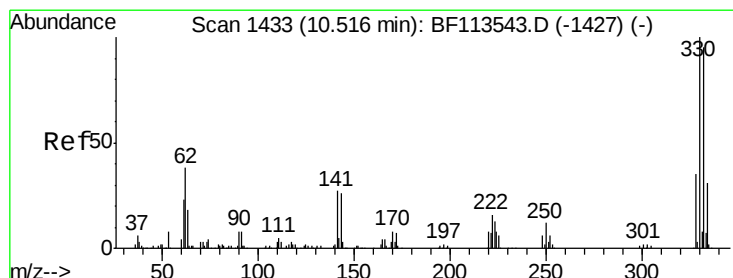
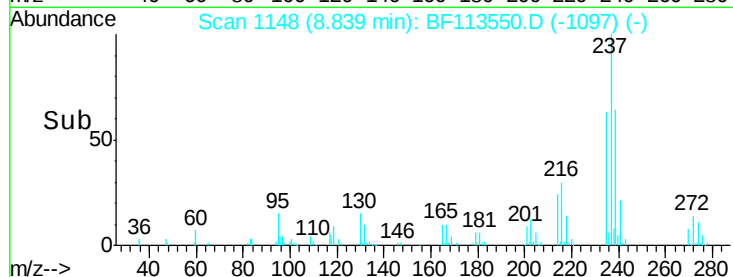
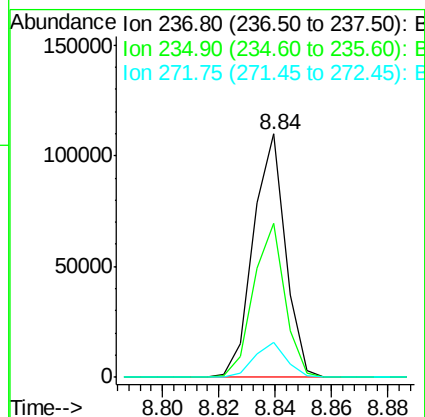
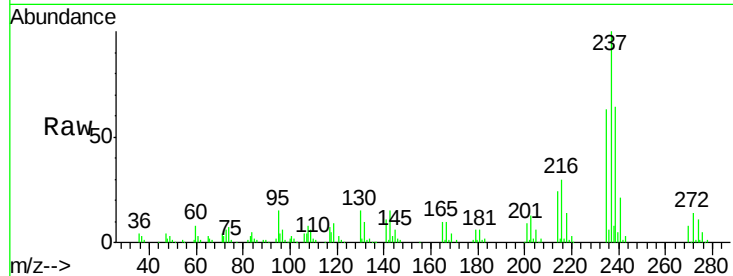
ClientSampleId :

SSTDCCC040

Tgt Ion:	237	Resp:	86757
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.1	83.1
272	14.4	0.0	34.4

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#42

2,4,6-Tribromophenol

Concen: 79.806 ng

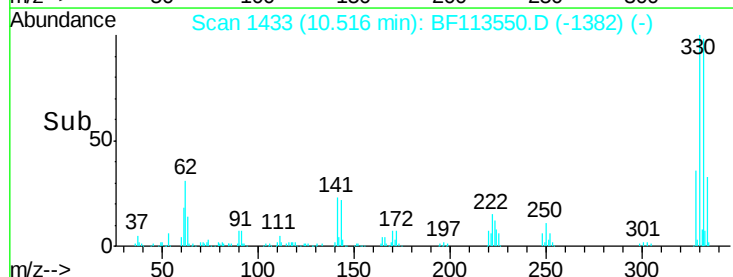
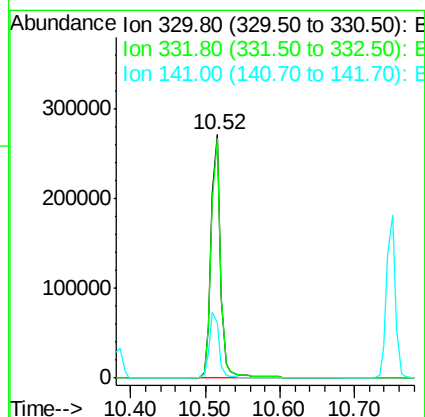
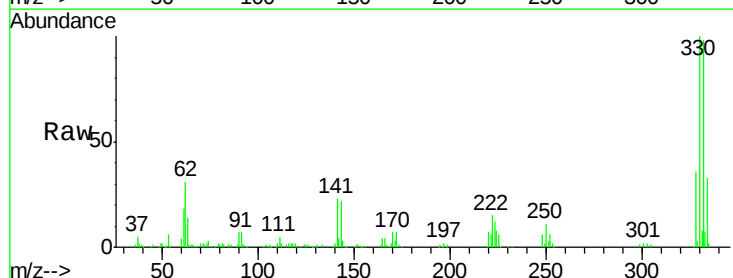
RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Tgt Ion:	330	Resp:	243653
Ion Ratio	Lower	Upper	
330	100		
332	98.4	78.7	118.1
141	27.9	22.3	33.5





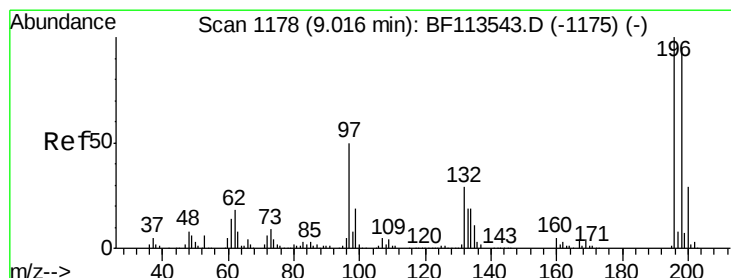
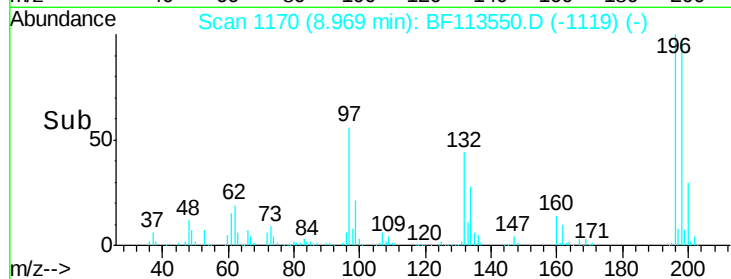
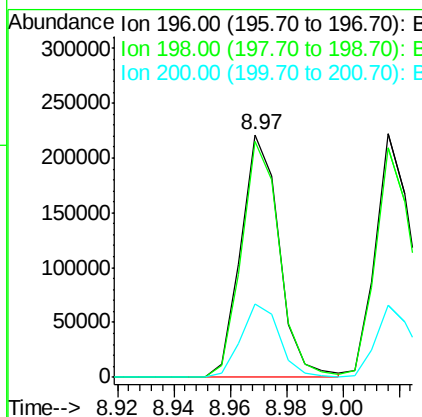
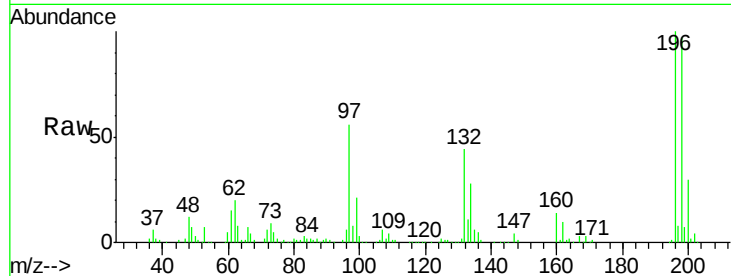
#43
 2,4,6-Trichlorophenol
 Concen: 40.102 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208070		
198	96.9	77.5	116.3	
200	30.4	24.3	36.5	

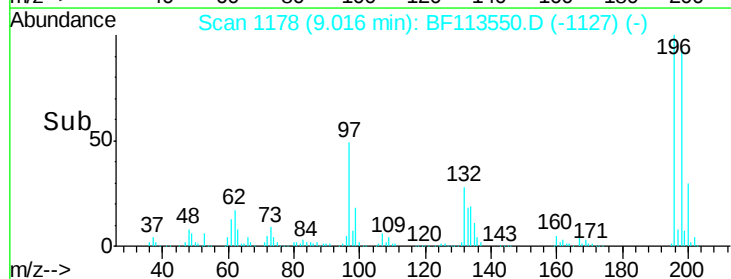
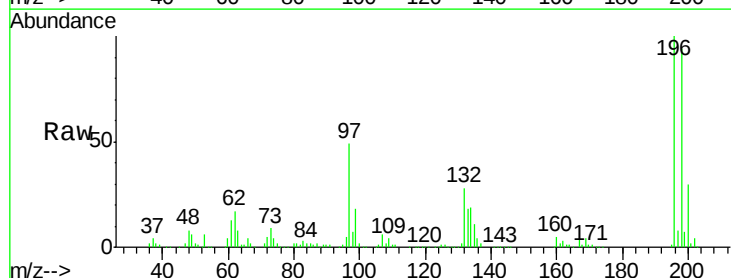
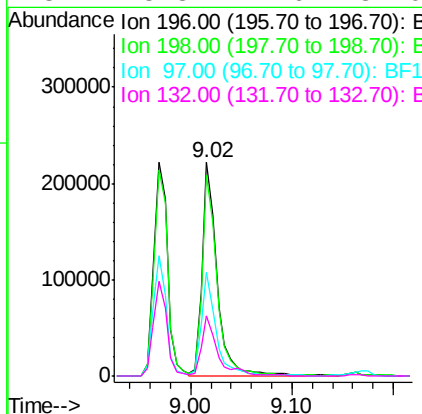
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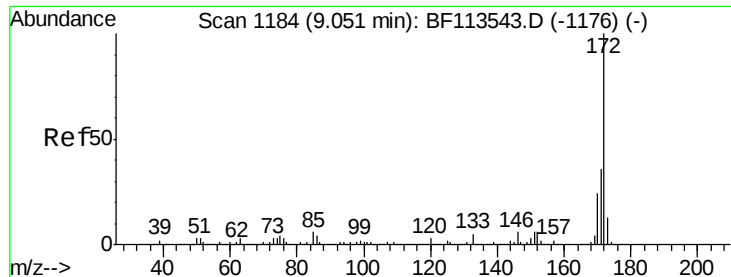
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#44
 2,4,5-Trichlorophenol
 Concen: 40.507 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225637		
198	94.2	75.4	113.0	
97	48.7	39.0	58.4	
132	28.3	22.6	34.0	





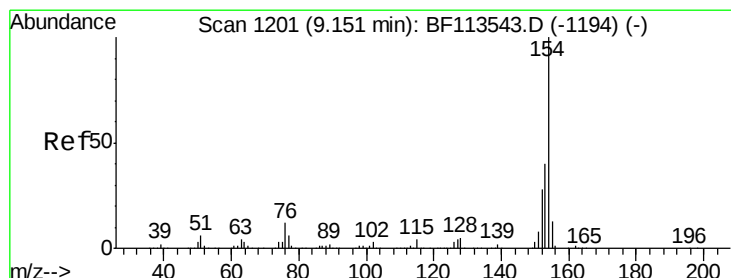
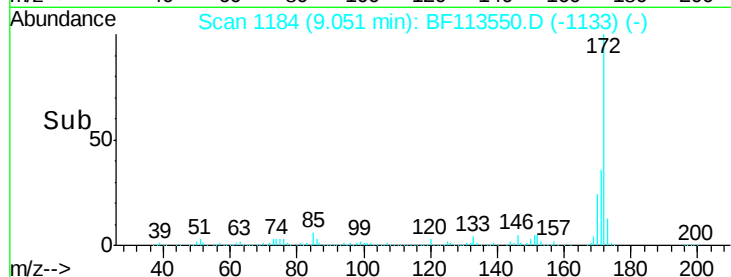
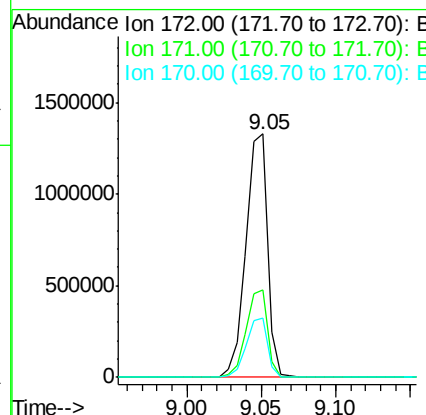
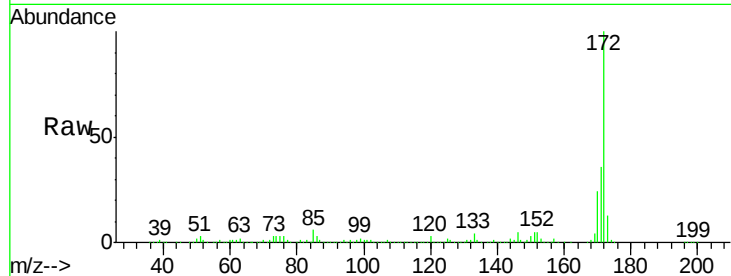
#45
 2-Fluorobiphenyl
 Concen: 84.917 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.1	19.3	28.9

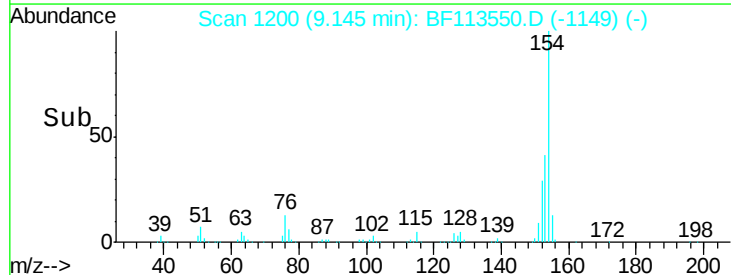
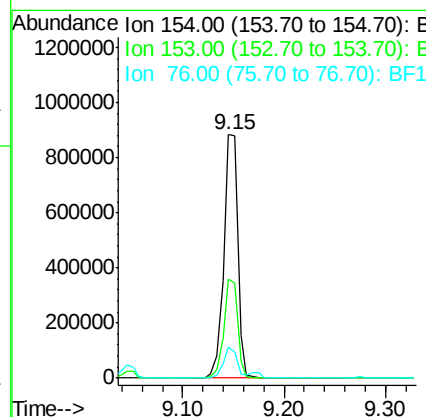
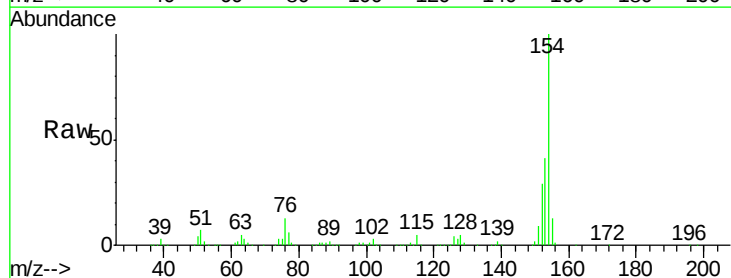
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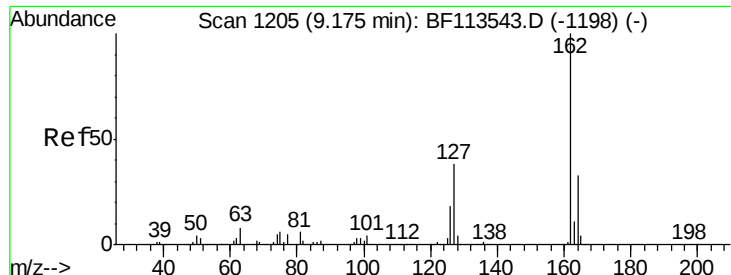
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#46
 1,1'-Biphenyl
 Concen: 40.509 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	12.9	0.0	32.9





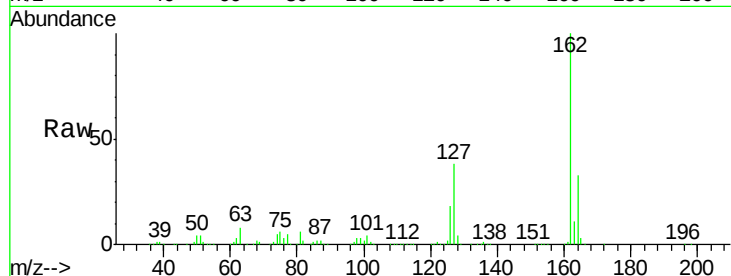
#47
 2-Chloronaphthalene
 Concen: 40.602 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

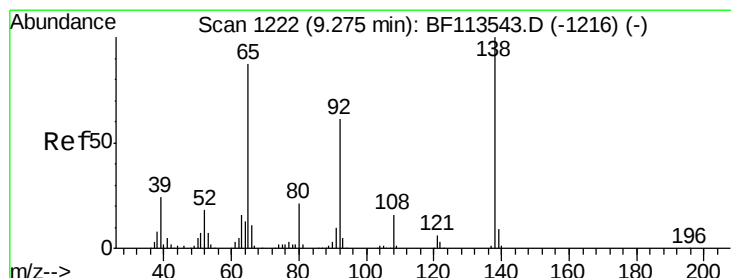
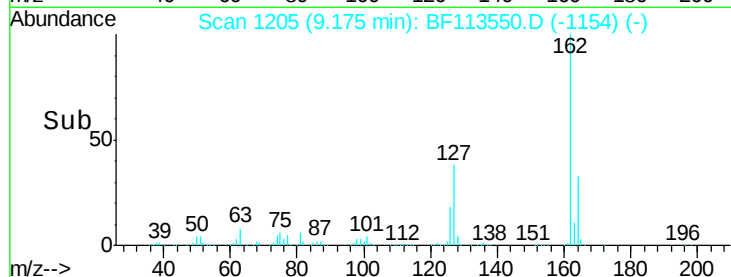
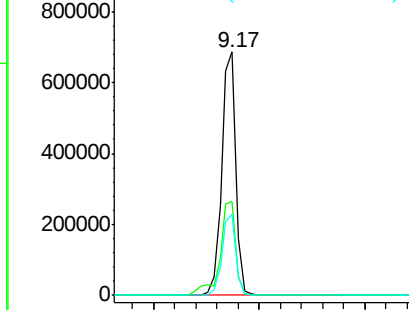
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	644740		
127	38.4	30.7	46.1	
164	33.4	26.7	40.1	

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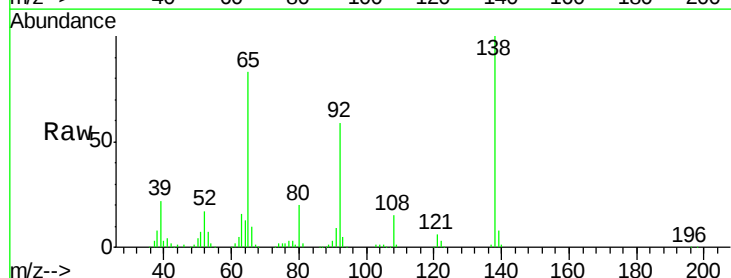


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

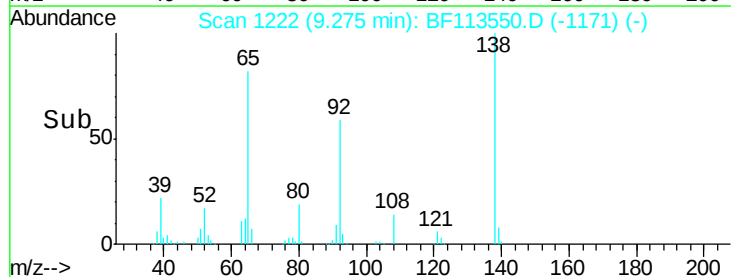
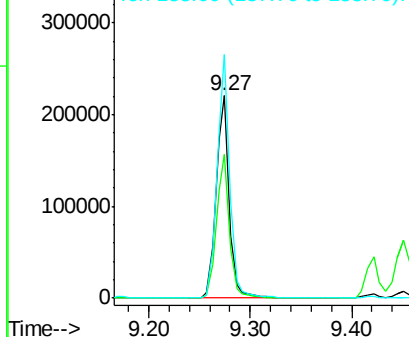


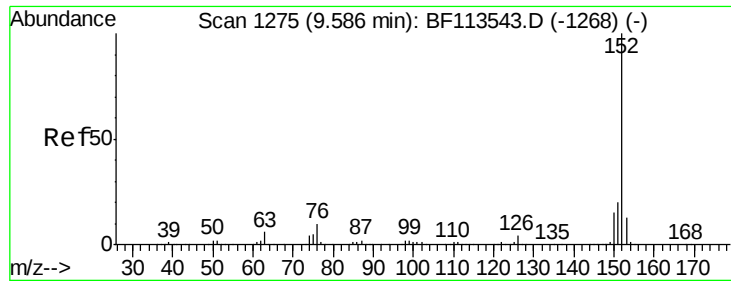
#48
 2-Nitroaniline
 Concen: 40.766 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	198078		
92	71.4	57.1	85.7	
138	120.5	96.4	144.6	



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





#49

Acenaphthylene

Concen: 41.026 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

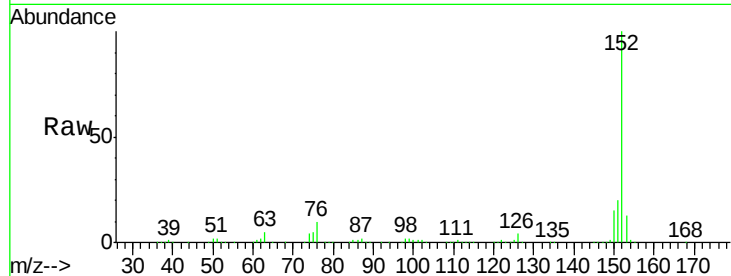
ClientSampleId :

SSTDCCC040

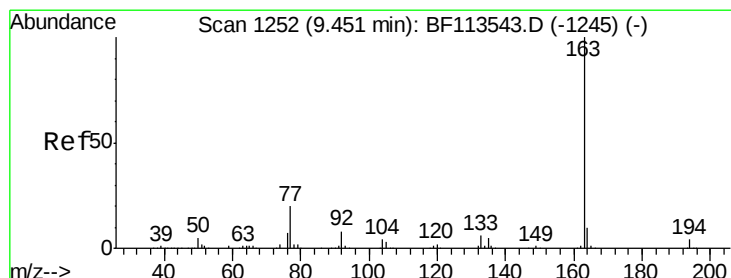
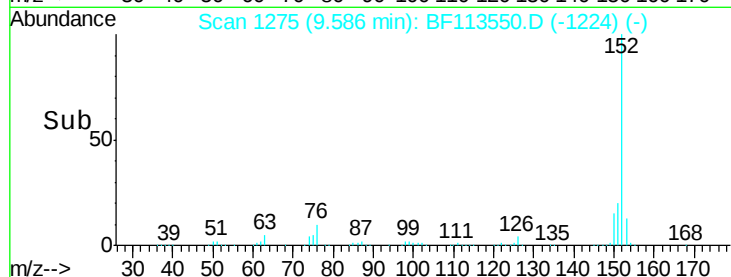
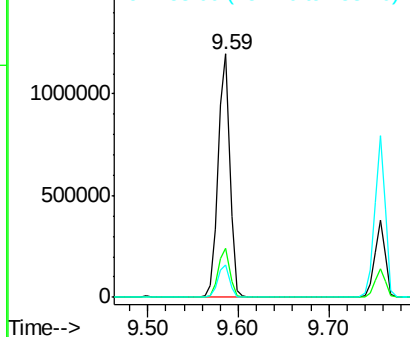
Tgt Ion:	152	Resp:	1059352
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.4	10.7	16.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.292 ng

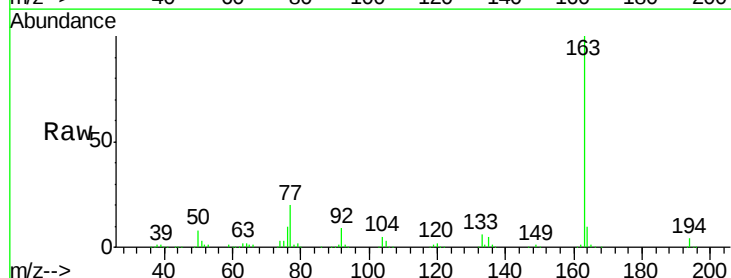
RT: 9.45 min Scan# 1252

Delta R.T. 0.00 min

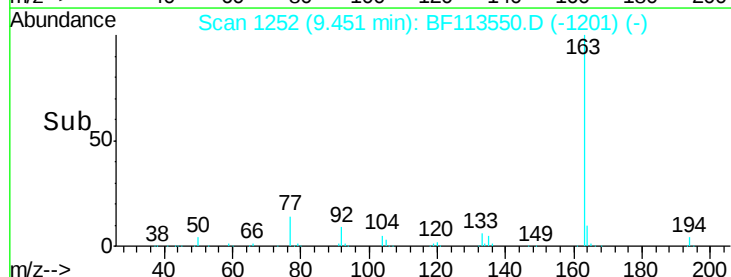
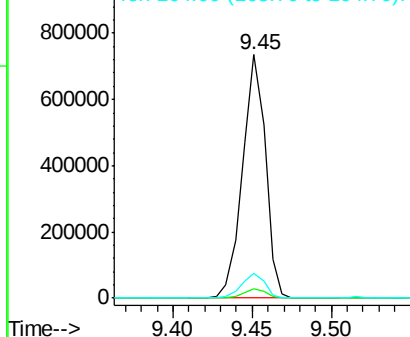
Lab File: BF113550.D

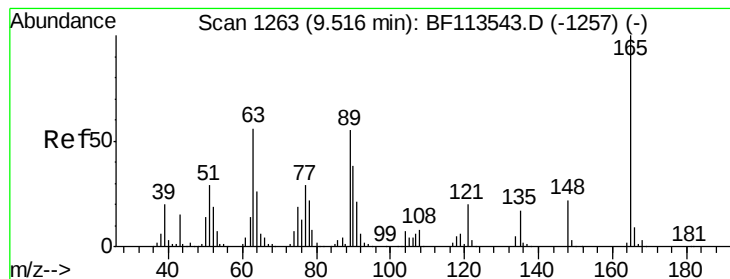
Acq: 3 Apr 2019 18:09

Tgt Ion:	163	Resp:	736134
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.4	8.3	12.5



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: 40.604 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

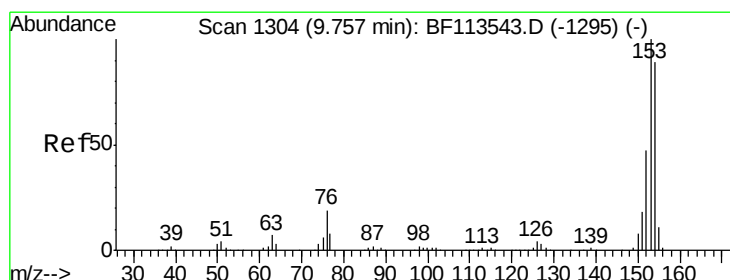
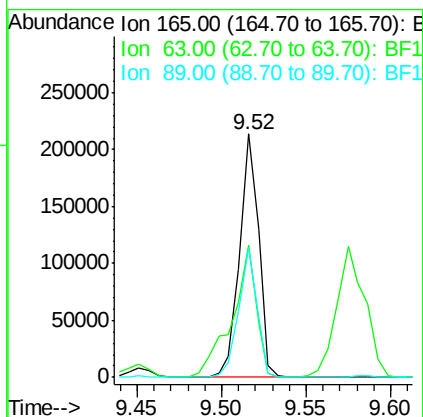
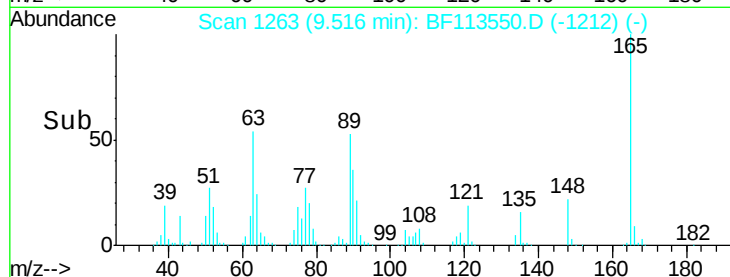
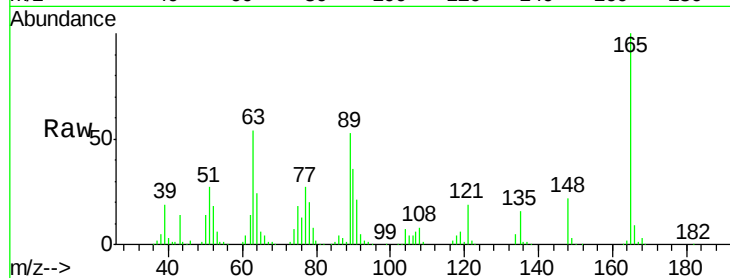
ClientSampleId :

SSTDCCC040

Tgt Ion:	165	Resp:	167684
Ion Ratio	Lower	Upper	
165	100		
63	54.1	43.3	64.9
89	53.3	42.6	64.0

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#52

Acenaphthene

Concen: 40.446 ng

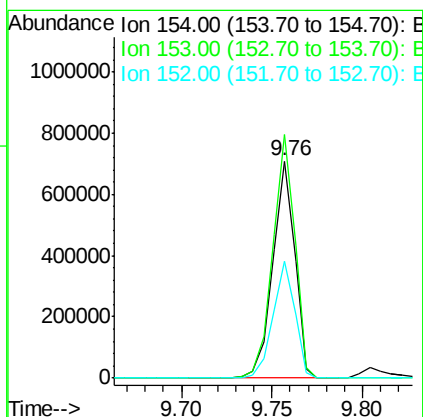
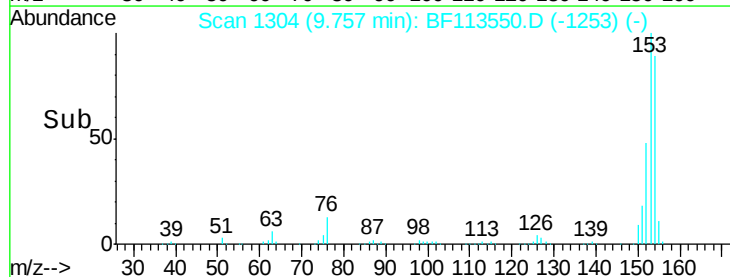
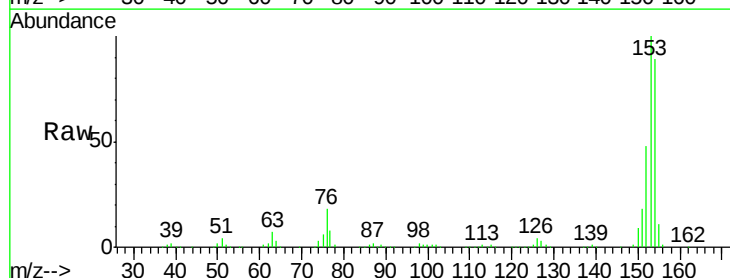
RT: 9.76 min Scan# 1304

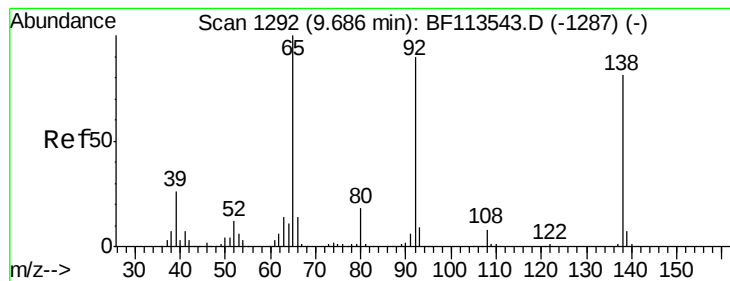
Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Tgt Ion:	154	Resp:	597830
Ion Ratio	Lower	Upper	
154	100		
153	112.1	89.7	134.5
152	53.8	43.0	64.6





#53

3-Nitroaniline

Concen: 40.024 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 187922
Ion Ratio Lower Upper

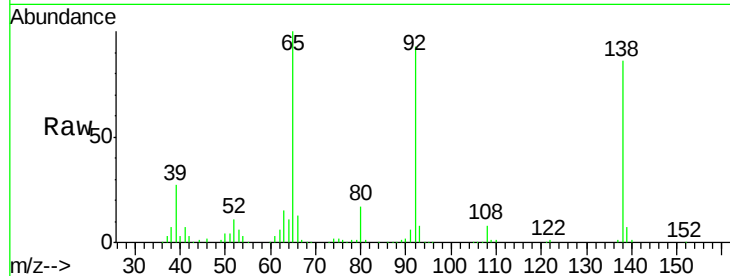
138 100

108 9.7 7.8 11.6

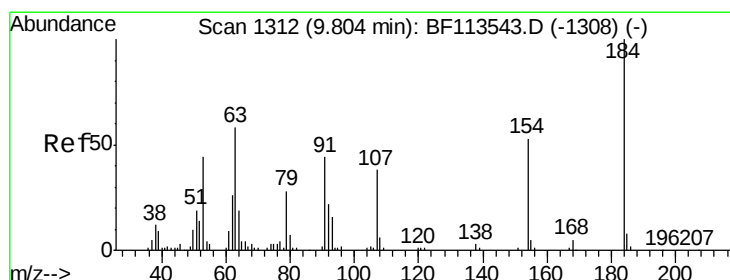
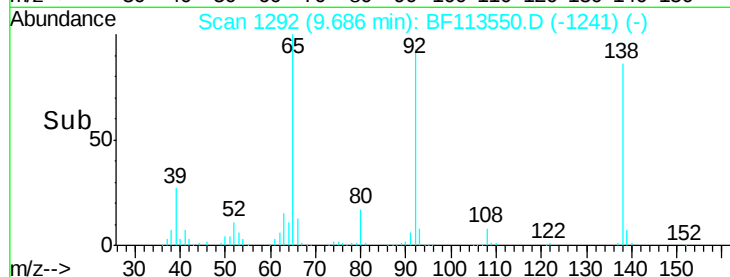
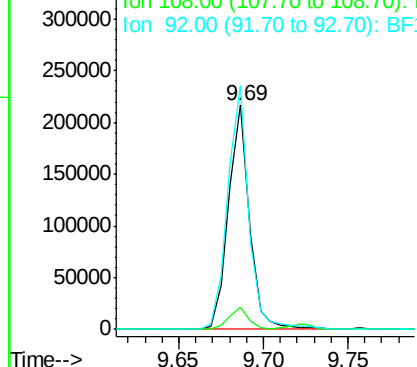
92 108.6 86.9 130.3

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



#54

2,4-Dinitrophenol

Concen: 35.946 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF113550.D

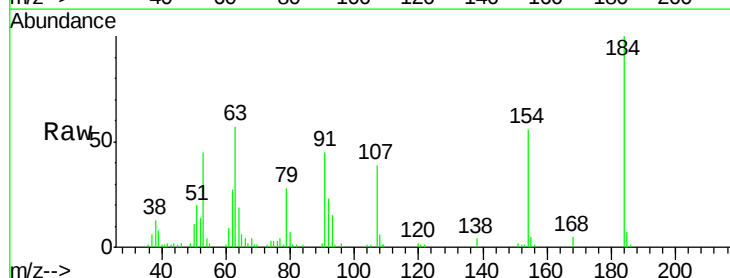
Acq: 3 Apr 2019 18:09

Tgt Ion:184 Resp: 69450
Ion Ratio Lower Upper

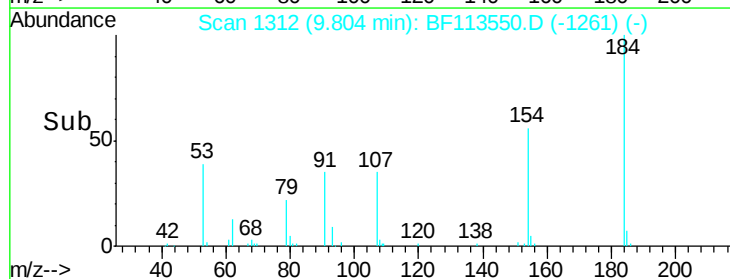
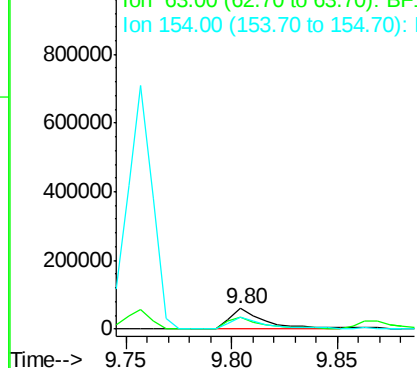
184 100

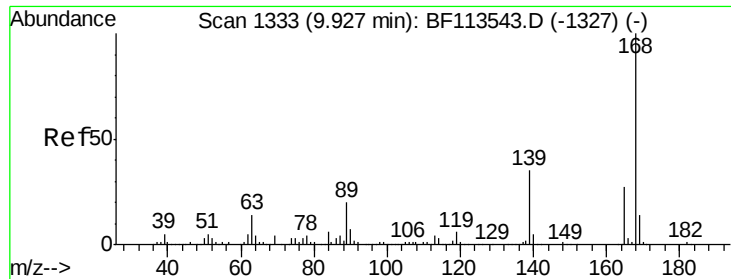
63 57.4 45.9 68.9

154 56.4 45.1 67.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





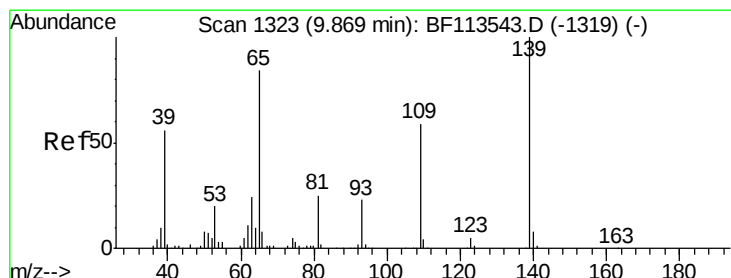
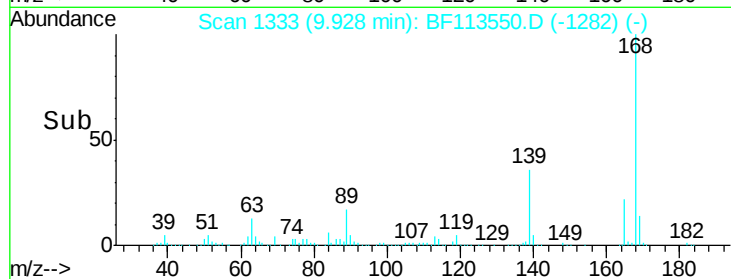
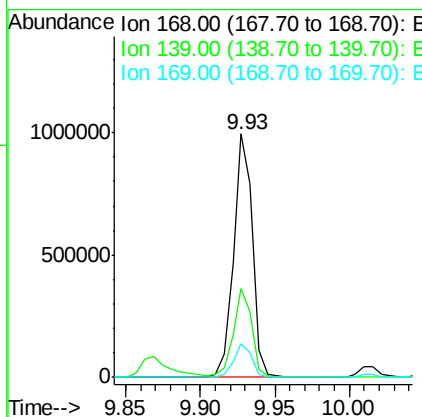
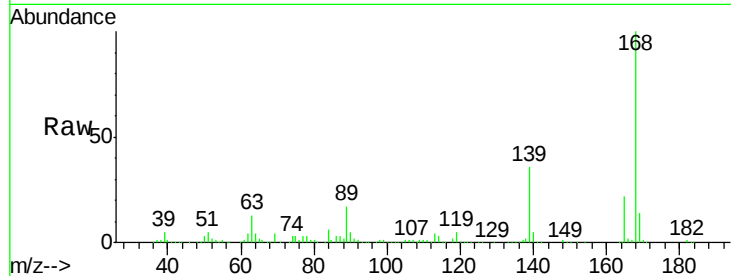
#55
Dibenzenofuran
Concen: 40.720 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	882910		
139	36.4	29.1	43.7	
169	13.6	10.9	16.3	

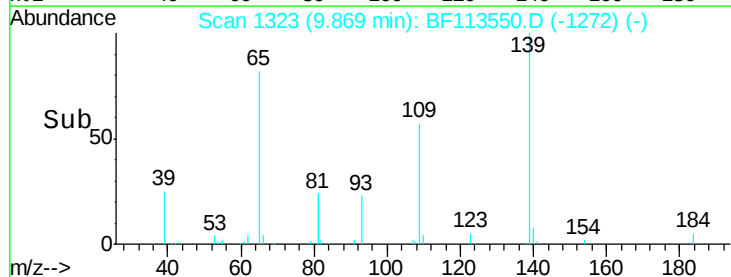
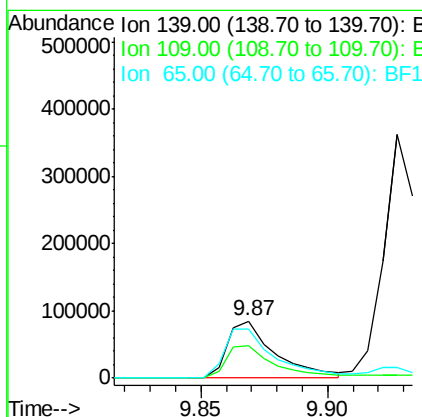
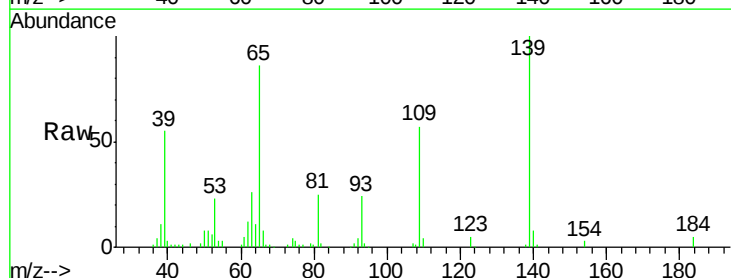
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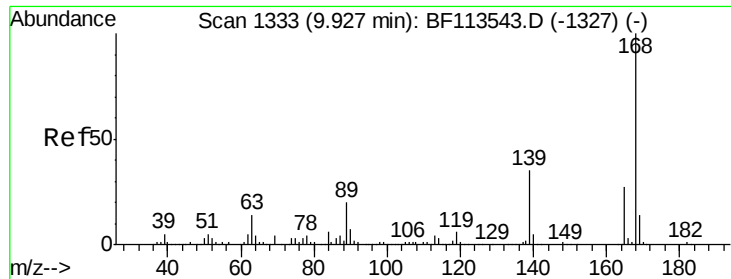
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#56
4-Nitrophenol
Concen: 38.211 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	111292		
109	57.4	37.4	77.4	
65	86.3	66.3	106.3	





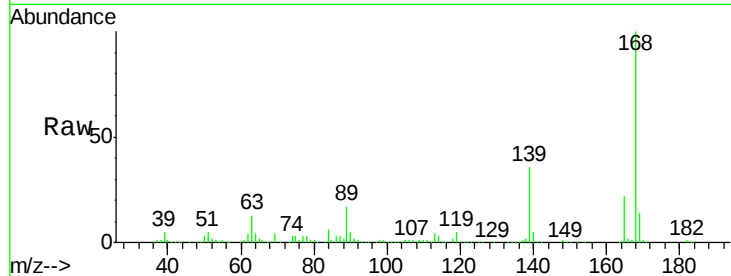
#57
 2,4-Dinitrotoluene
 Concen: 40.610 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

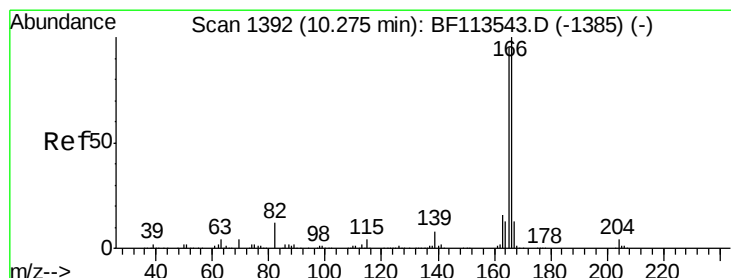
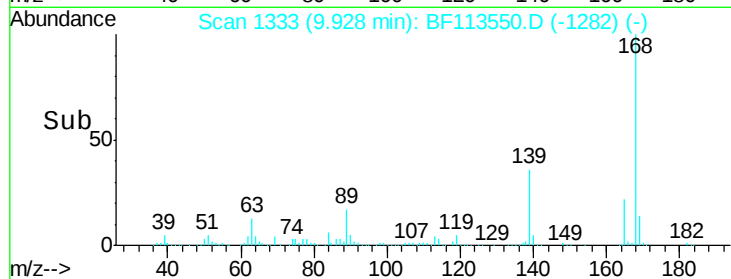
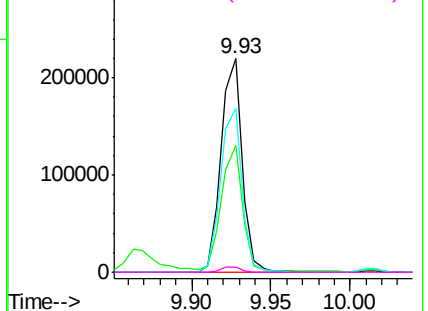
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	202830		
63	59.4	47.5	71.3	
89	76.9	61.5	92.3	
182	2.6	2.1	3.1	

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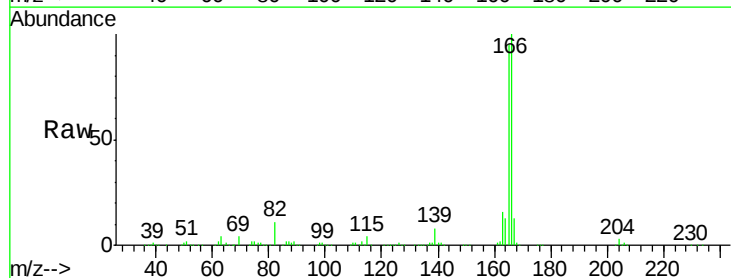


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

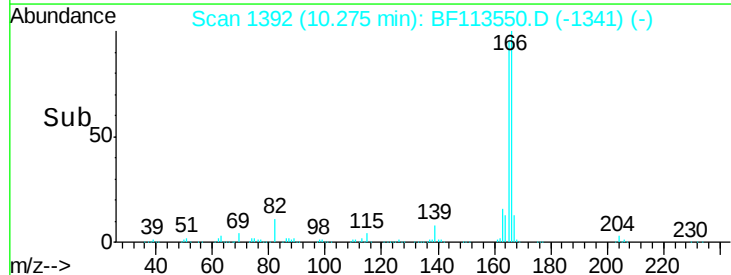
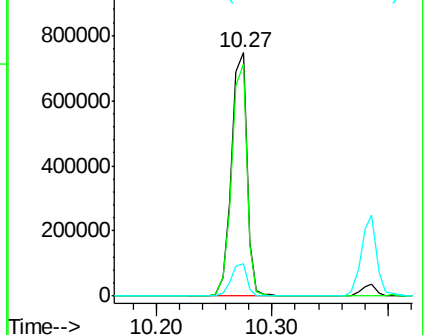


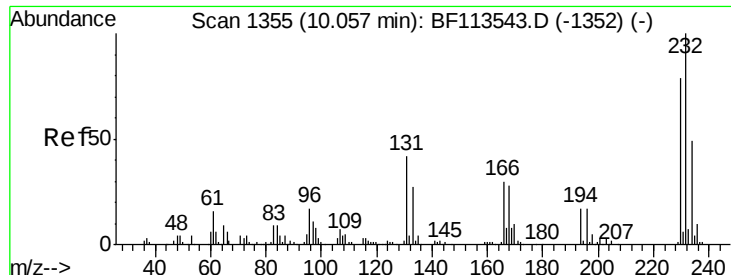
#58
 Fluorene
 Concen: 40.767 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	699114		
165	95.5	76.4	114.6	
167	13.4	10.7	16.1	



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





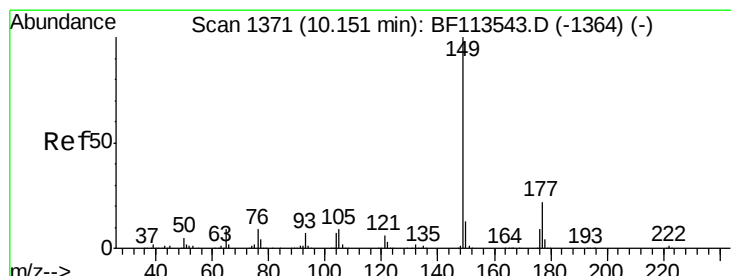
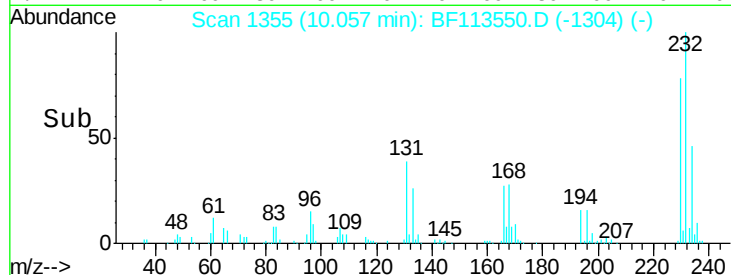
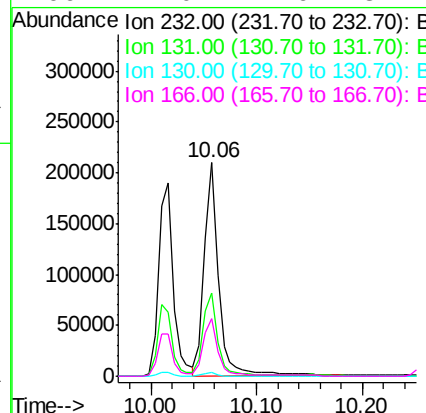
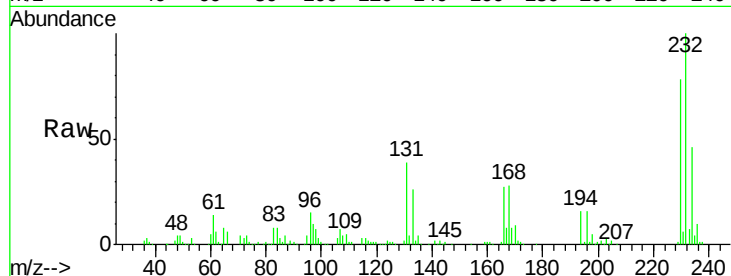
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.674 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	196113		
131	39.9	31.9	47.9	
130	1.8	1.4	2.2	
166	27.0	21.6	32.4	

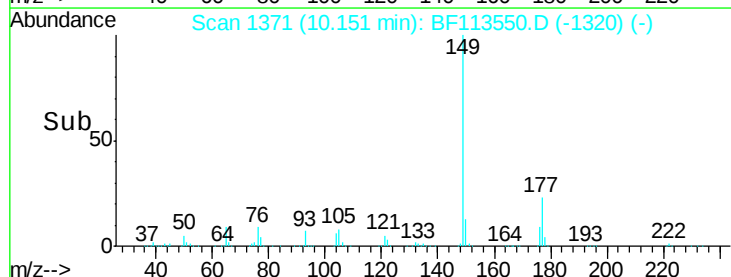
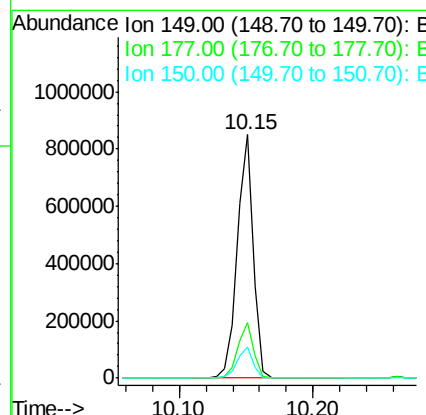
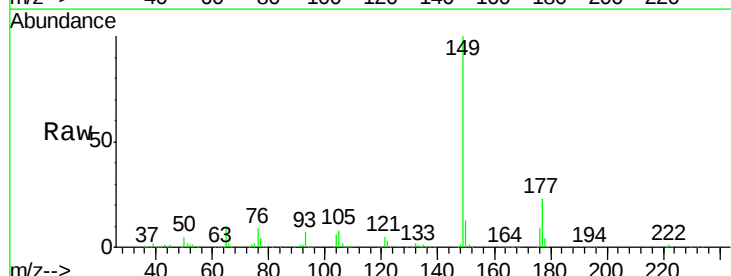
Manual Integrations
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#60
 Diethylphthalate
 Concen: 39.798 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	718877		
177	22.7	18.2	27.2	
150	12.6	10.1	15.1	





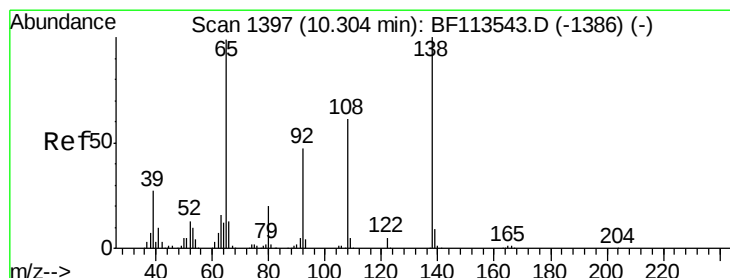
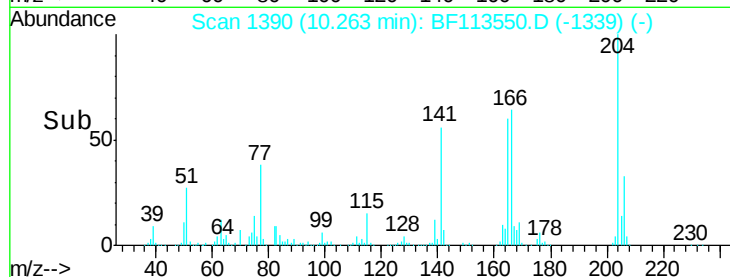
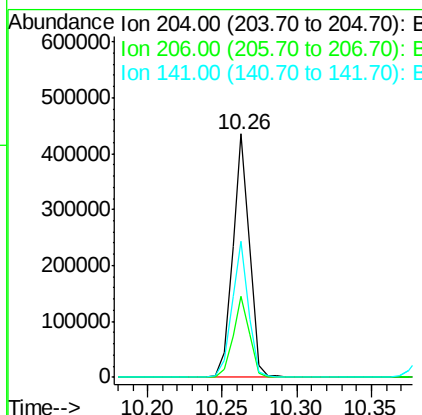
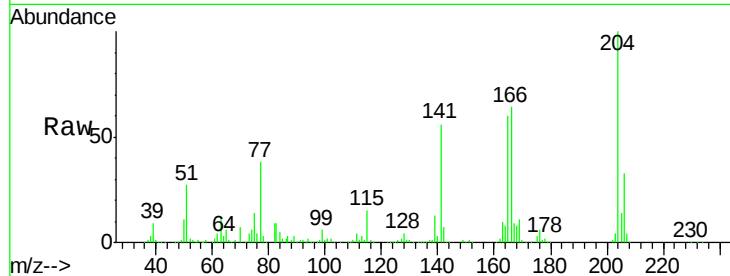
#61
 4-Chlorophenyl-phenylether
 Concen: 40.948 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	345395		
206	33.1	26.5	39.7	
141	56.1	44.9	67.3	

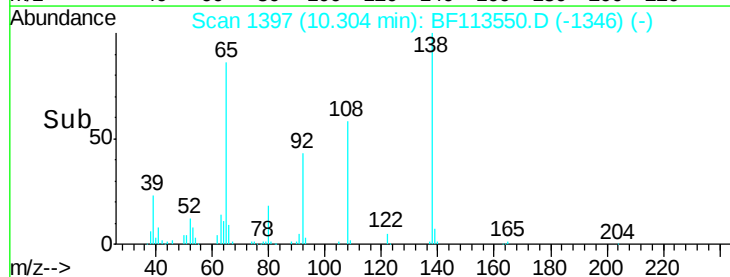
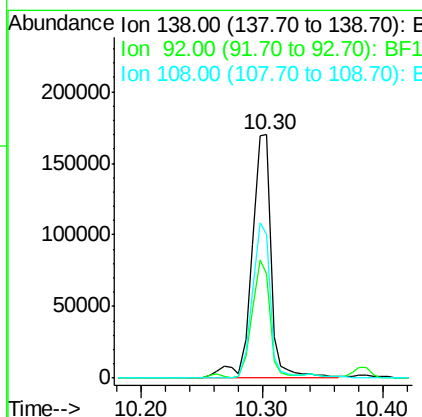
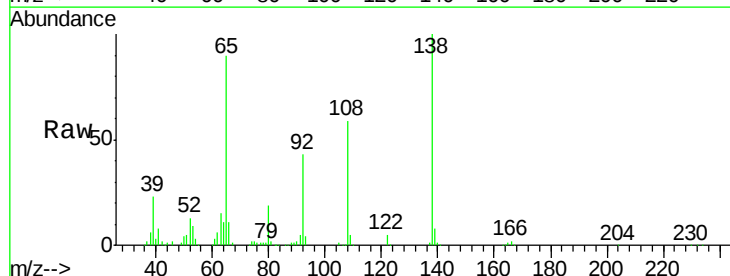
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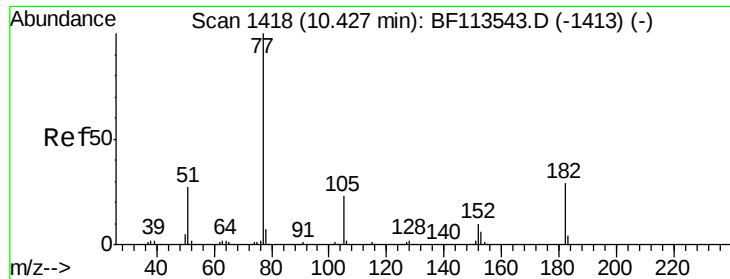
Sohil
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#62
 4-Nitroaniline
 Concen: 40.154 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	191718		
92	43.0	23.0	63.0	
108	59.1	39.1	79.1	





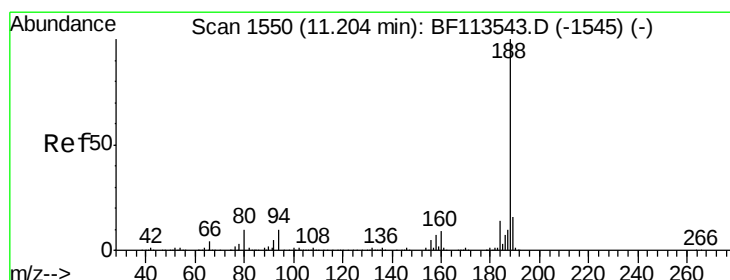
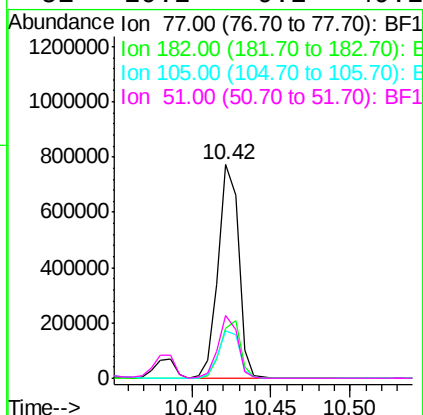
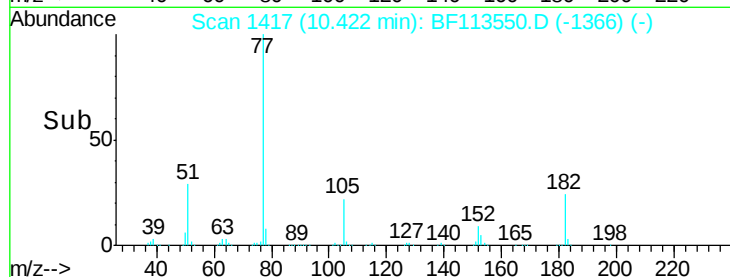
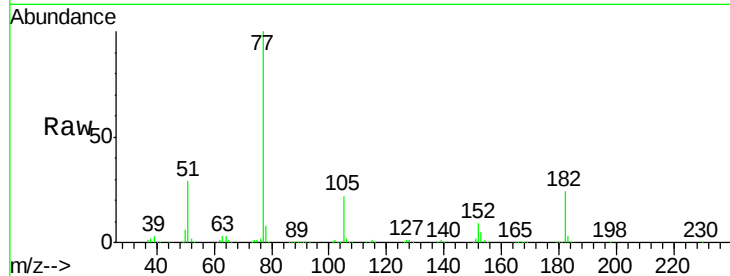
#63
Azobenzene
Concen: 40.402 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.6	3.6	43.6
105	22.4	2.4	42.4
51	29.2	9.2	49.2

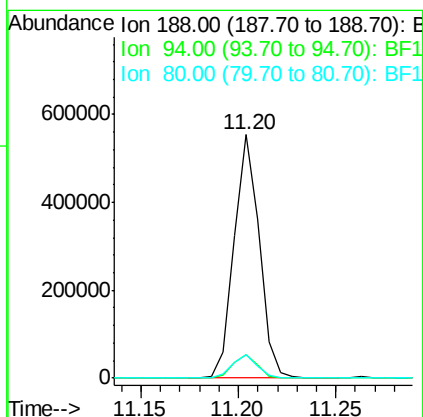
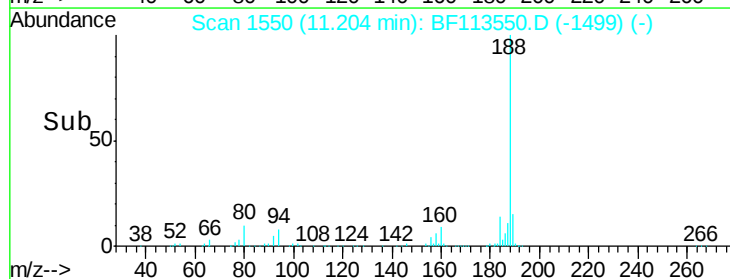
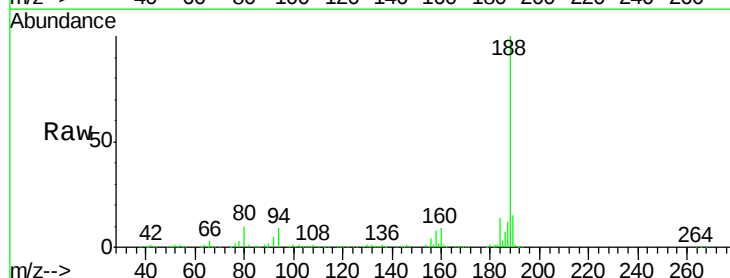
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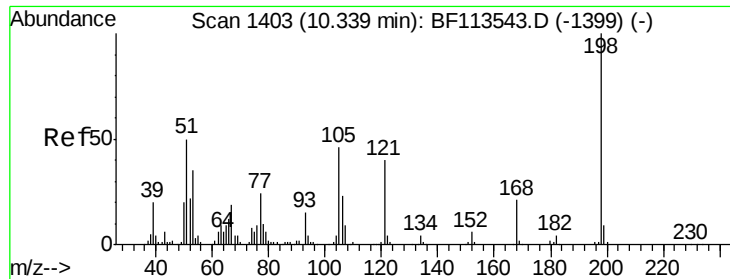
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	9.7	7.8	11.6





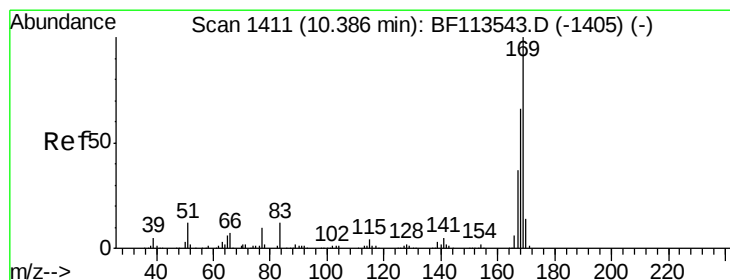
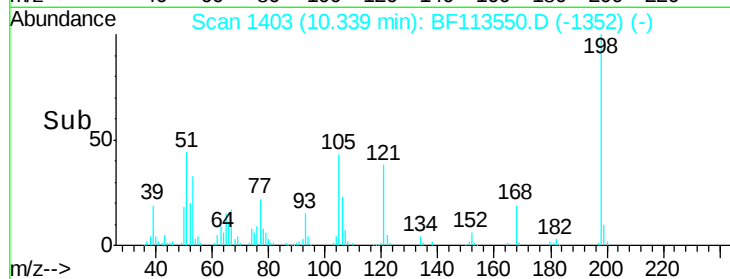
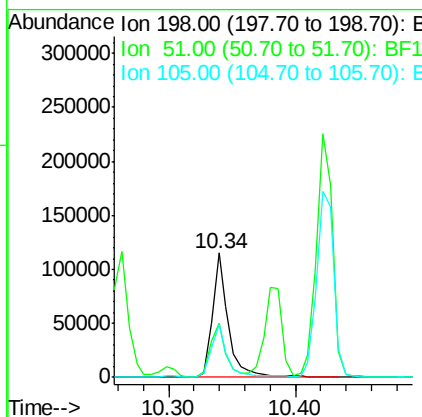
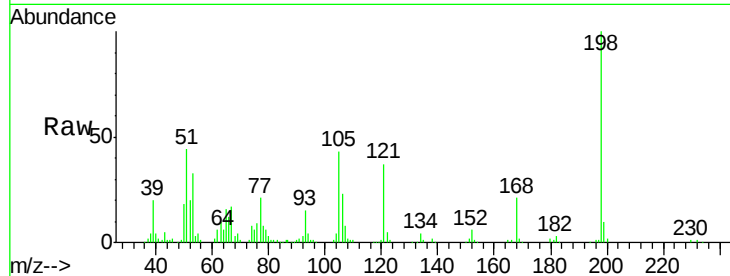
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.378 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.9	23.9	63.9
105	42.7	22.7	62.7

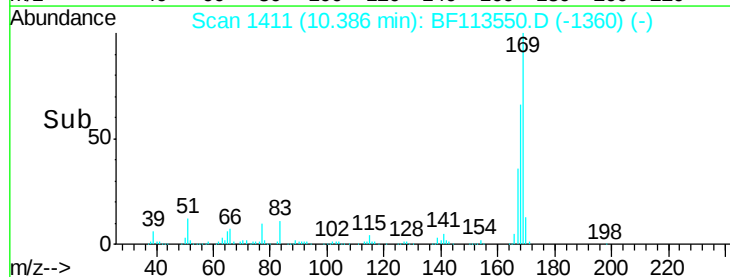
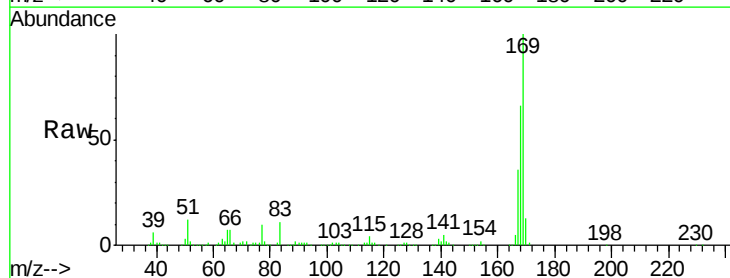
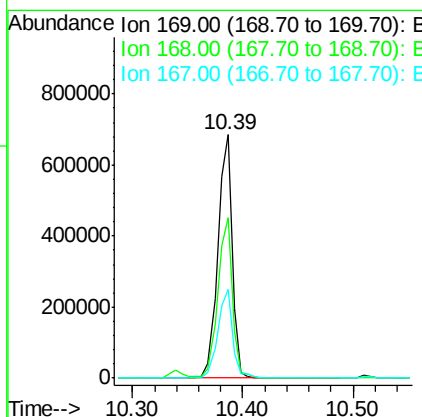
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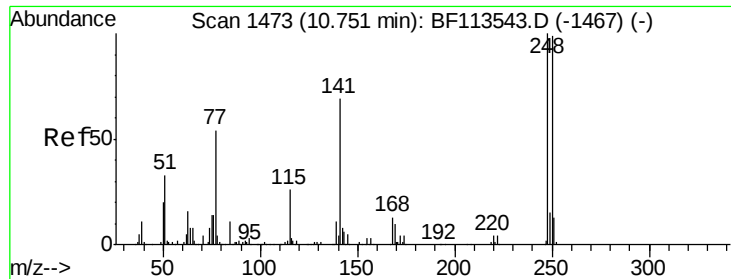
Sohil
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#66
 n-Nitrosodiphenylamine
 Concen: 40.456 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.8	79.2
167	36.5	29.2	43.8





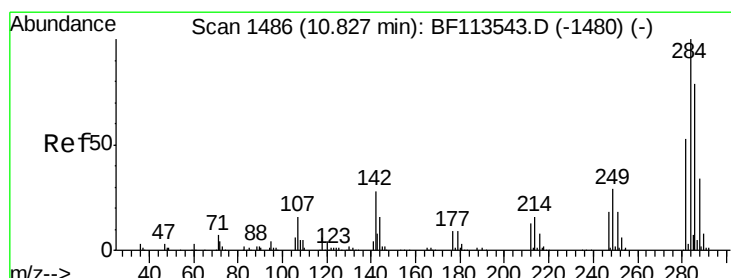
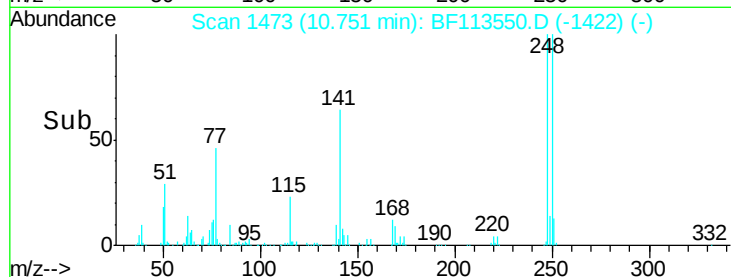
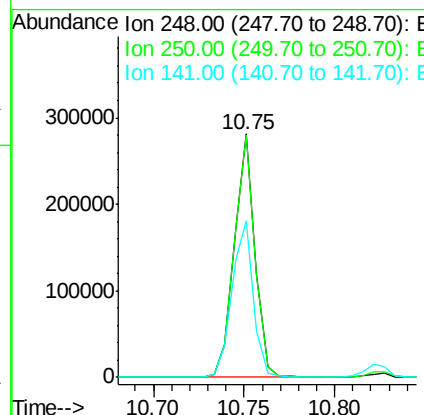
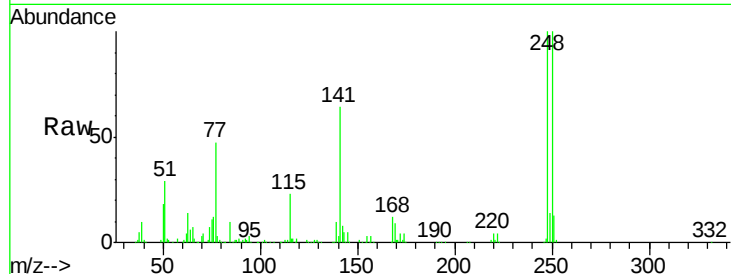
#67
 4-Bromophenyl-phenylether
 Concen: 40.388 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.6	79.7	119.5
141	64.4	51.5	77.3

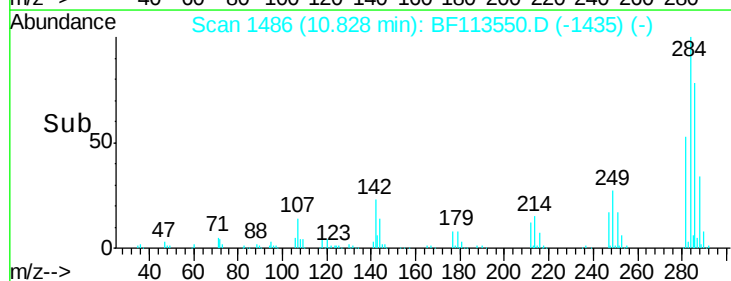
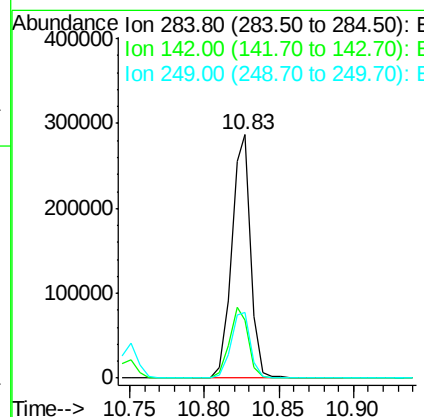
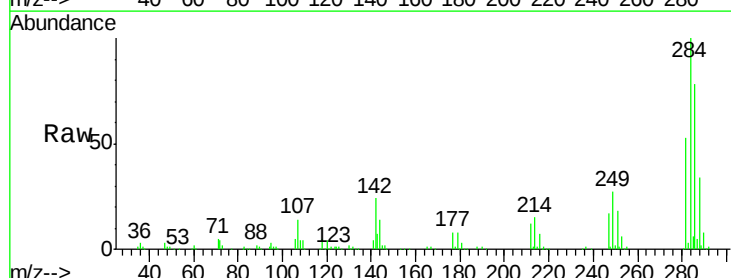
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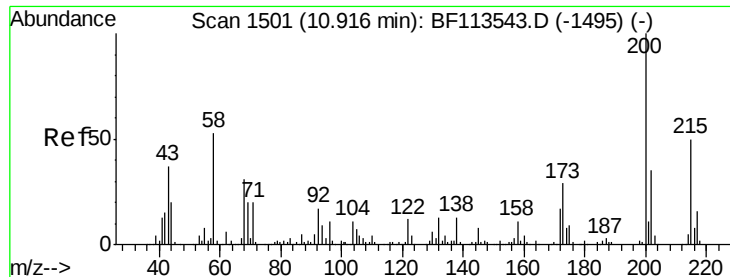
Sohil
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#68
 Hexachlorobenzene
 Concen: 40.630 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.7	19.0	28.4
249	27.2	21.8	32.6





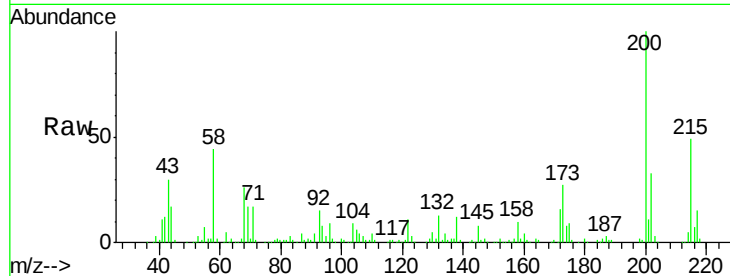
#69
 Atrazine
 Concen: 40.589 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

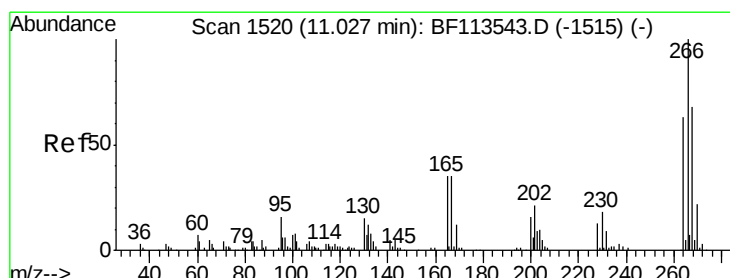
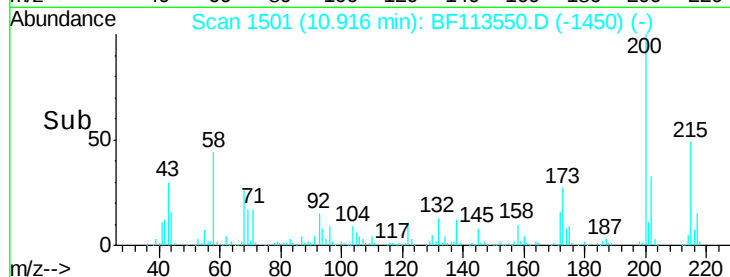
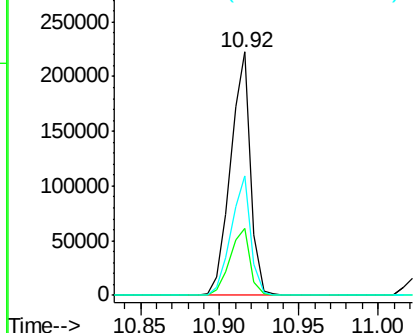
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	194455		
173	27.3	7.3	47.3	
215	48.9	28.9	68.9	

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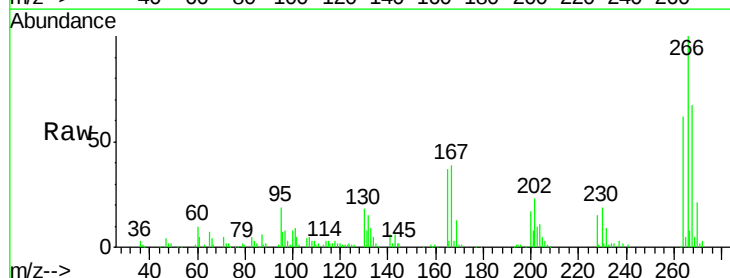


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

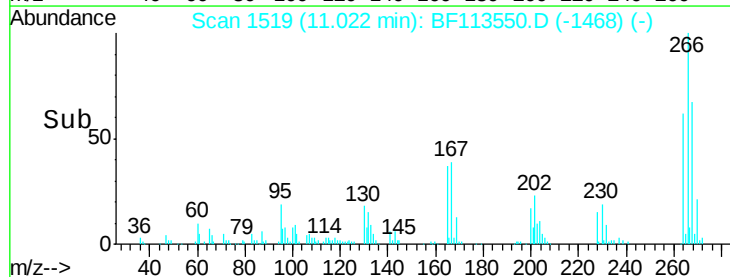
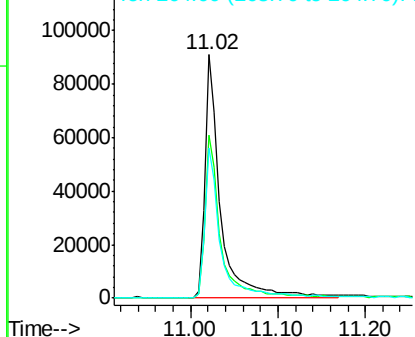


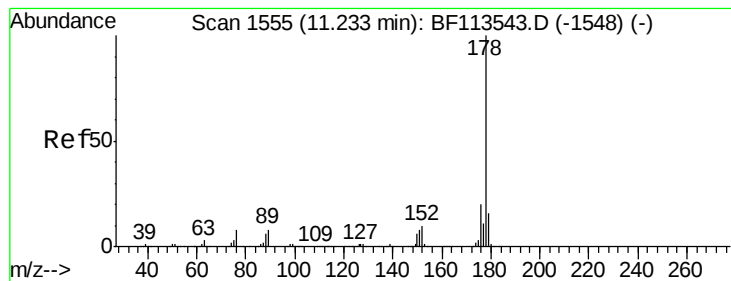
#70
 Pentachlorophenol
 Concen: 38.003 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	113938		
268	66.9	53.5	80.3	
264	61.7	49.4	74.0	



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.527 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

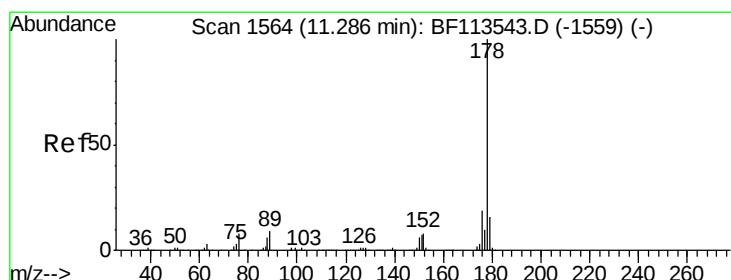
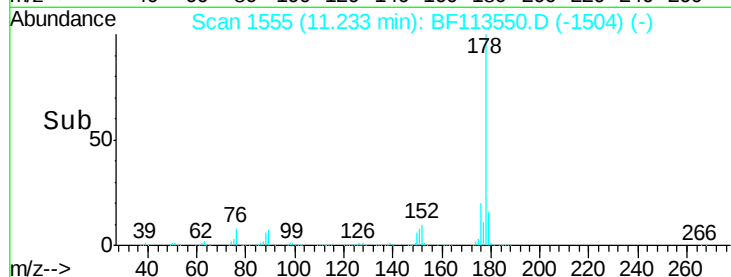
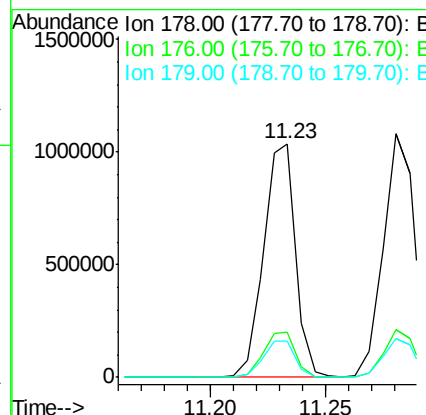
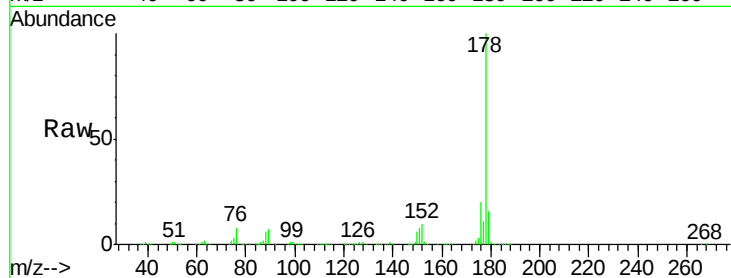
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.6	12.5	18.7

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#72

Anthracene

Concen: 40.956 ng

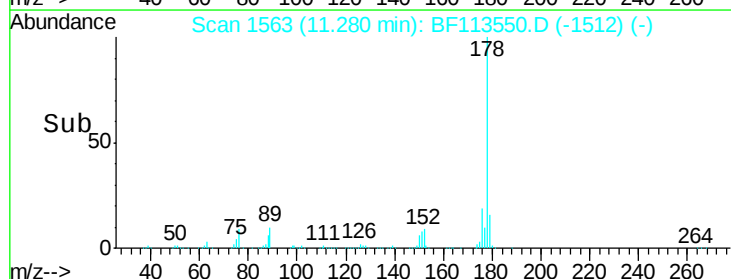
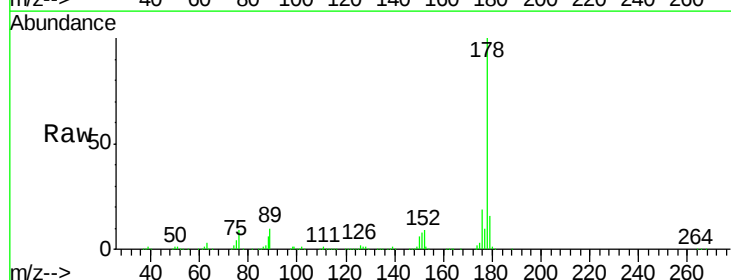
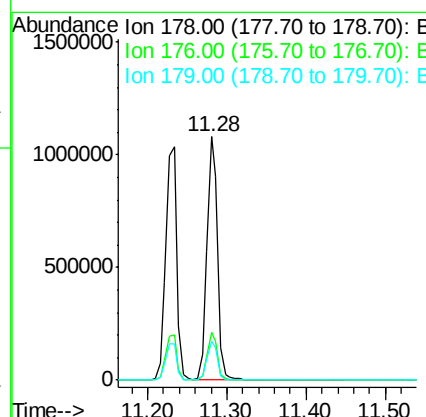
RT: 11.28 min Scan# 1563

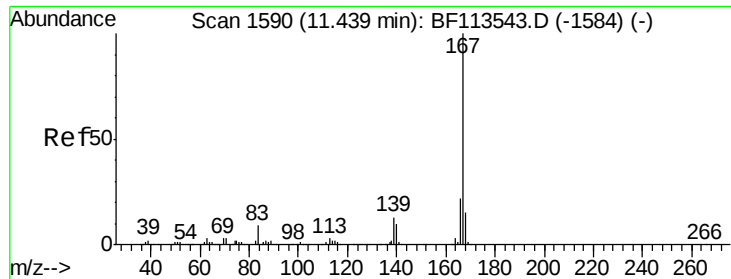
Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.9	12.7	19.1





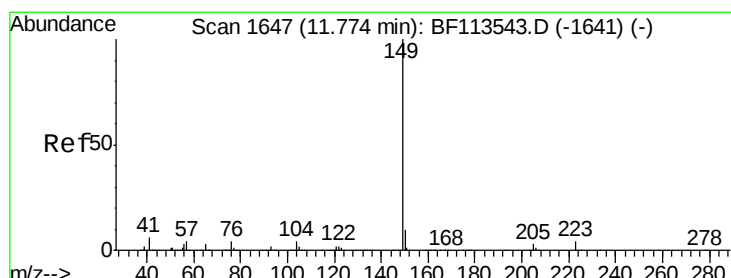
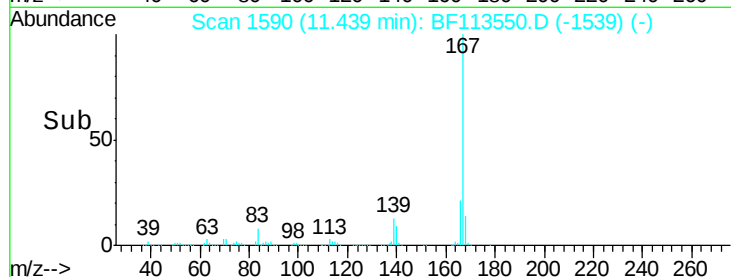
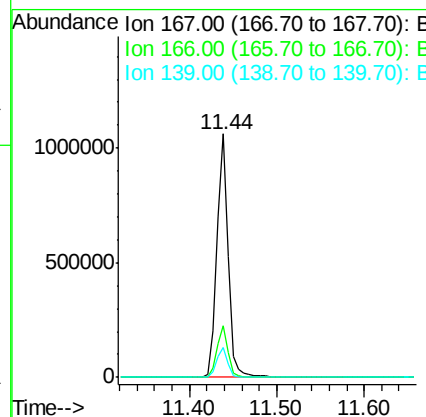
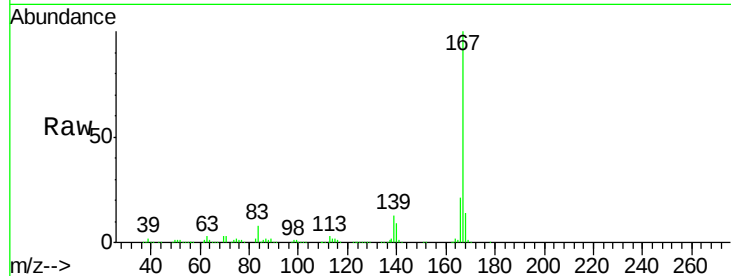
#73
 Carbazole
 Concen: 40.911 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.5	10.0	15.0

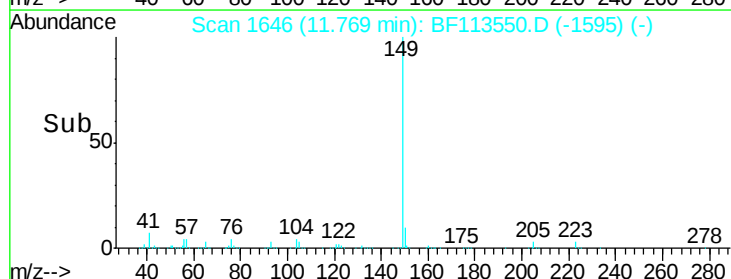
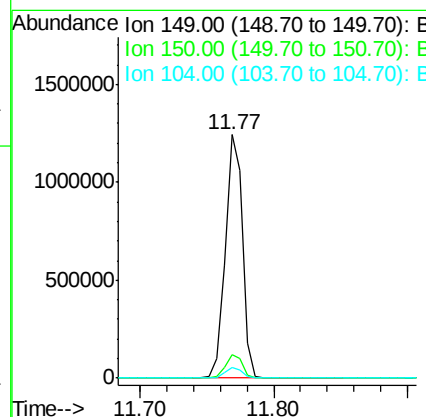
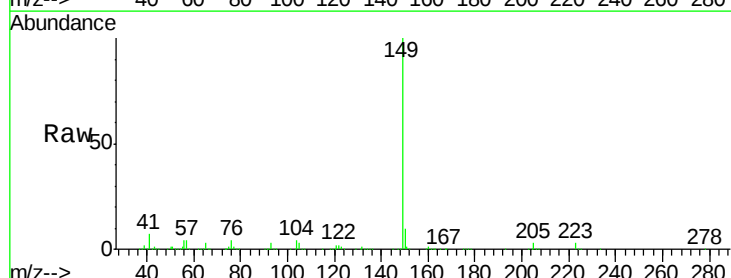
Manual Integrations
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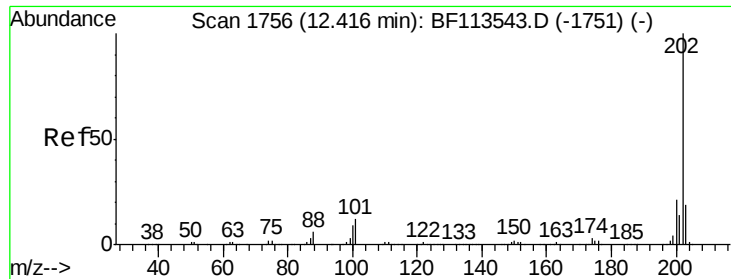
Sohil
 4/4/2019 10:57:39 AM



#74
 Di-n-butylphthalate
 Concen: 40.357 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.4	3.5	5.3





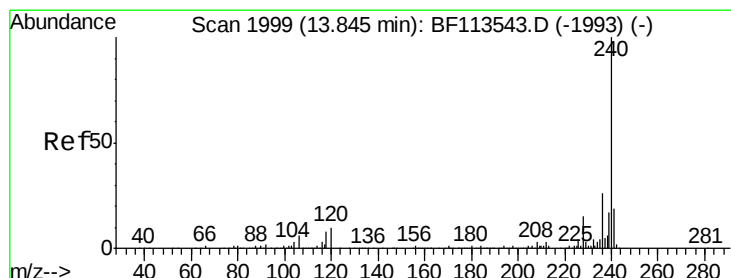
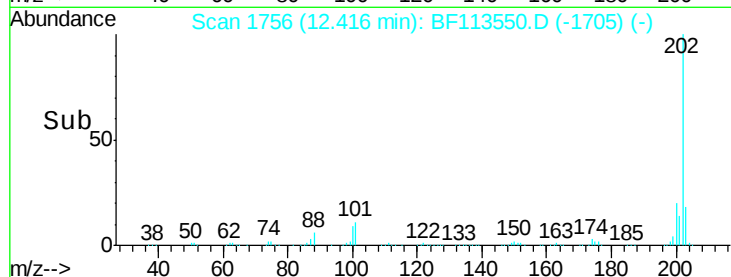
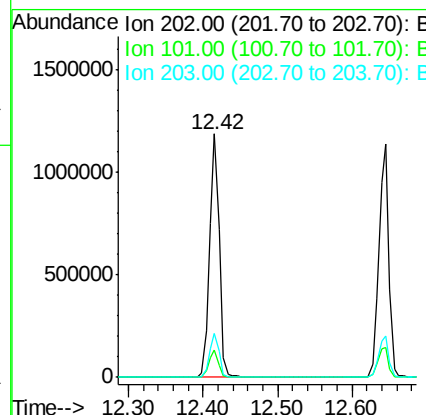
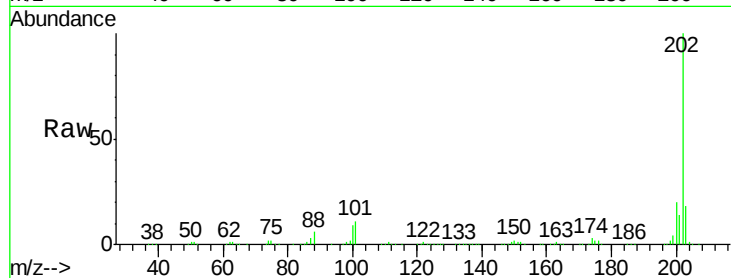
#75
 Fluoranthene
 Concen: 40.918 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.9	0.0	37.9

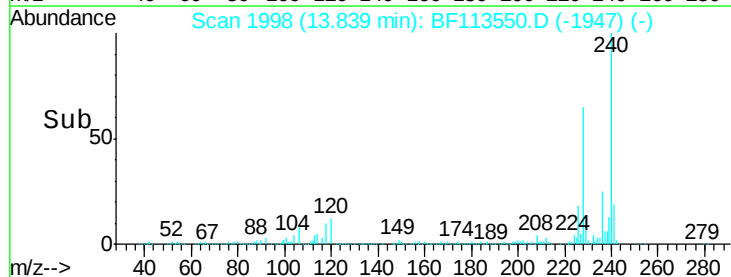
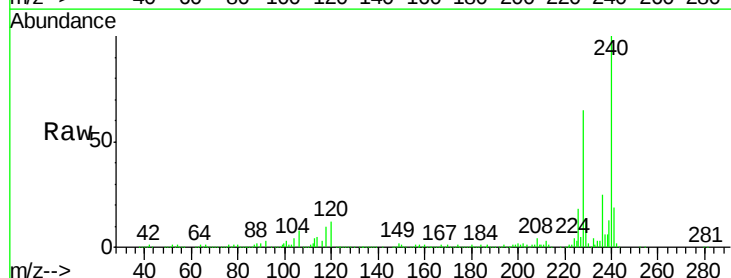
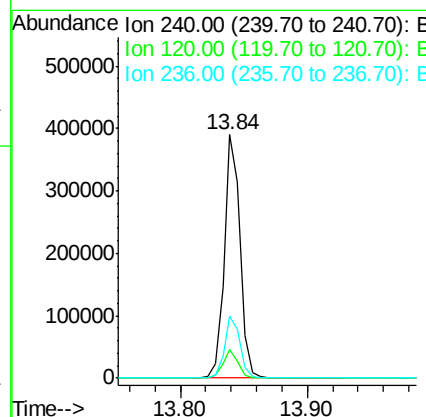
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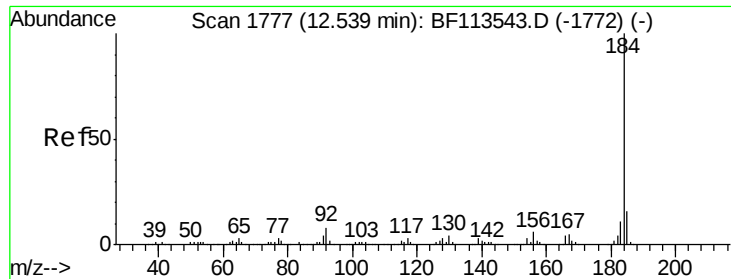
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.0
236	25.2	20.2	30.2





#77

Benzidine

Concen: 47.046 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

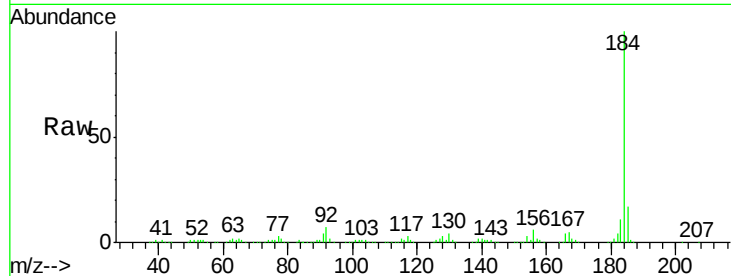
ClientSampleId :

SSTDCCC040

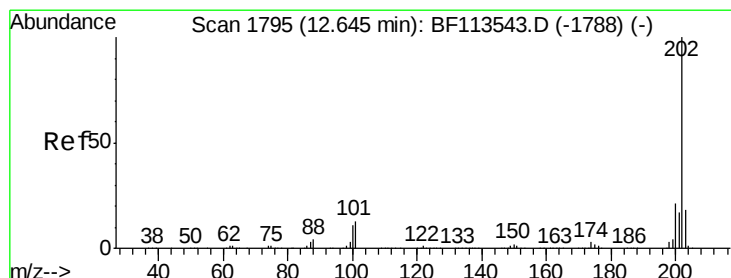
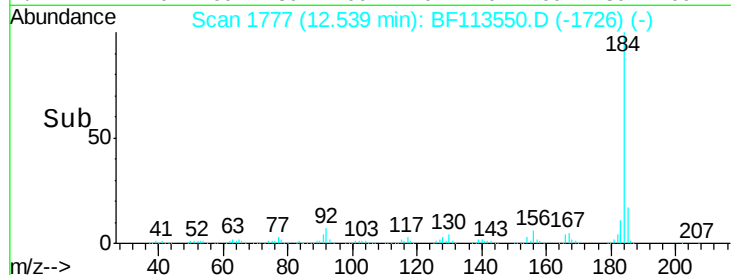
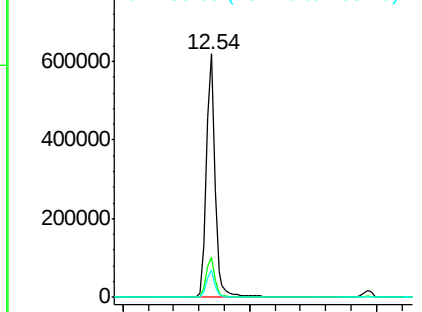
Tgt Ion:	184	Resp:	593933
Ion Ratio	Lower	Upper	
184	100		
185	16.5	13.2	19.8
183	11.1	8.9	13.3

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



#78

Pyrene

Concen: 41.498 ng

RT: 12.65 min Scan# 1795

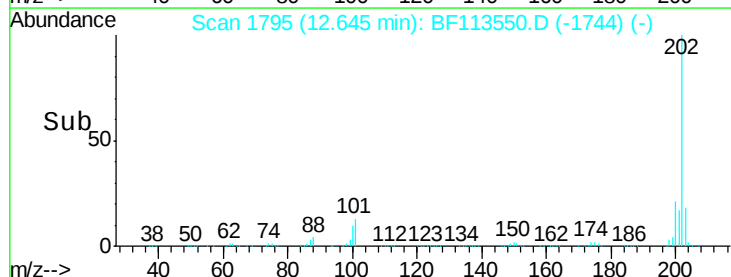
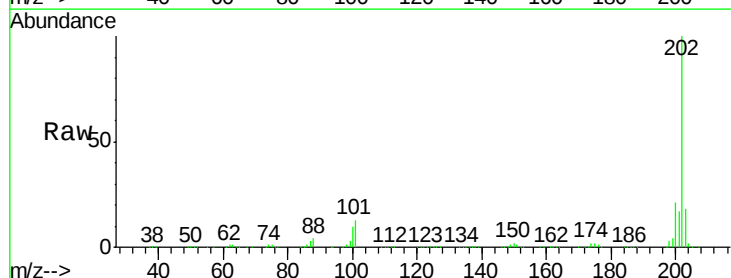
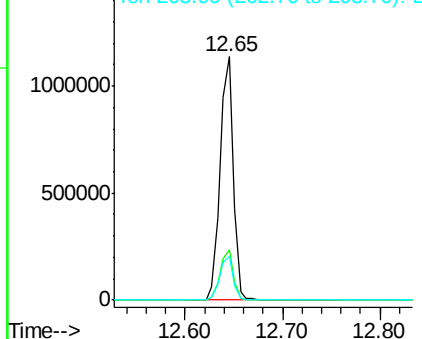
Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Tgt Ion:	202	Resp:	1071955
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.4	24.6
203	17.9	14.3	21.5

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





#79

Terphenyl-d14

Concen: 84.742 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 1412994

Ion Ratio Lower Upper

244 100

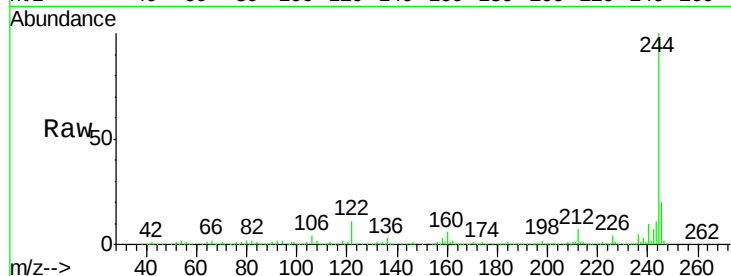
212 6.7 5.4 8.0

122 11.1 8.9 13.3

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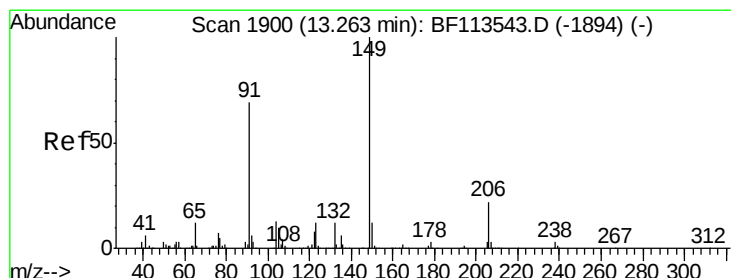
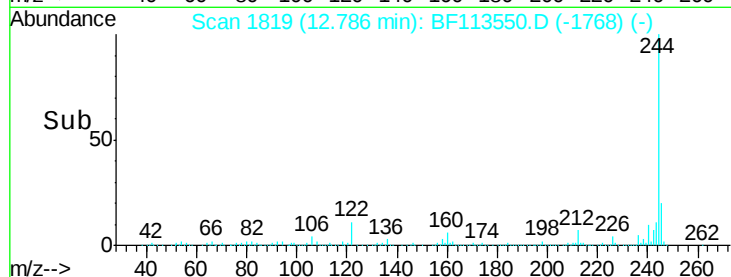
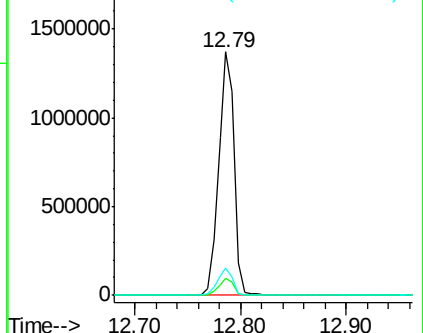
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.084 ng

RT: 13.26 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

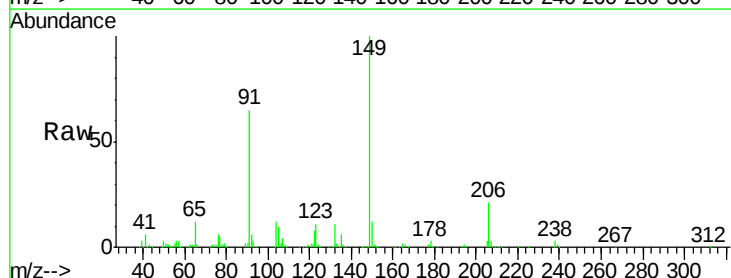
Tgt Ion:149 Resp: 421482

Ion Ratio Lower Upper

149 100

91 65.2 52.2 78.2

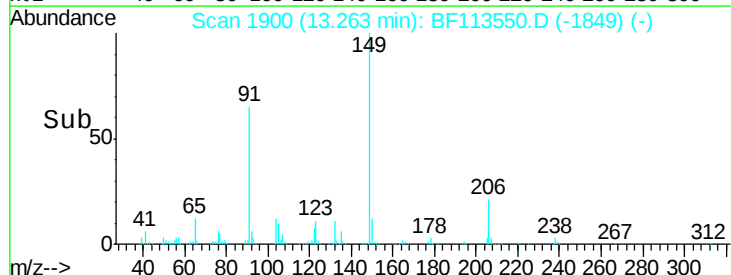
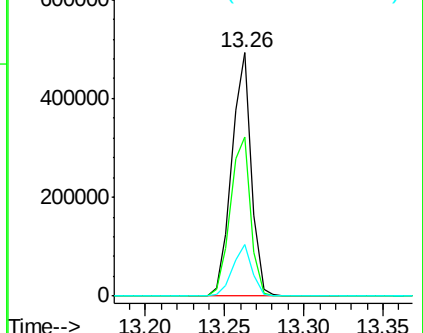
206 21.4 17.1 25.7

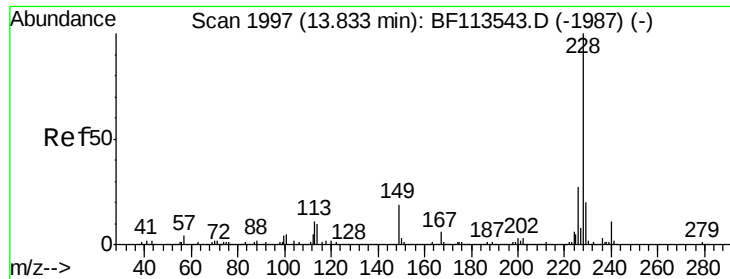


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.606 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

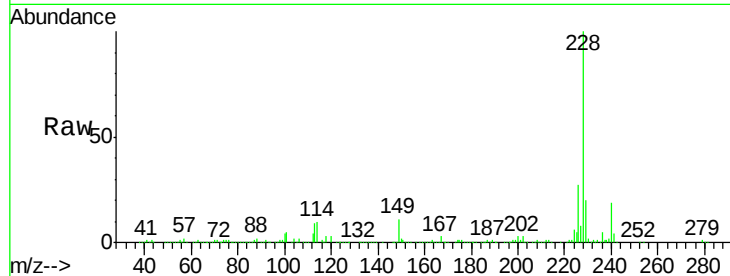
ClientSampleId :

SSTDCCC040

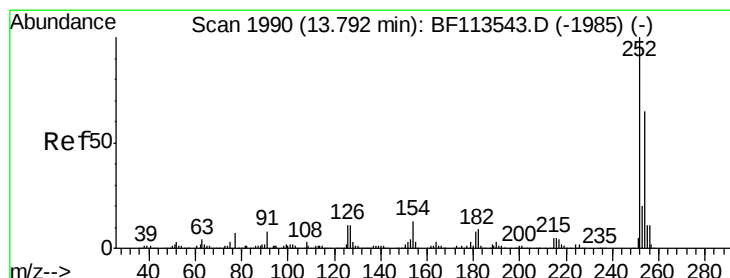
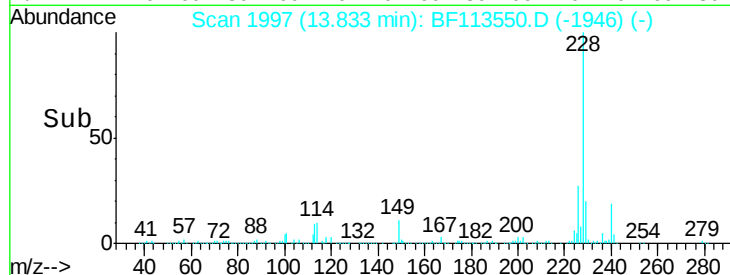
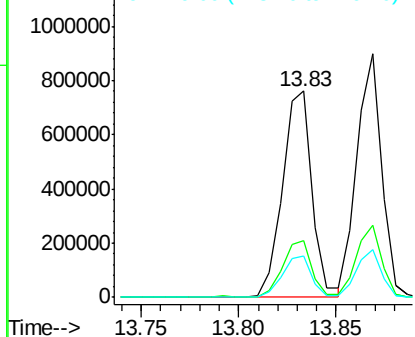
Tgt Ion:	228	Resp:	795199
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.8	32.8
229	19.8	15.8	23.8

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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: 40.724 ng

RT: 13.79 min Scan# 1990

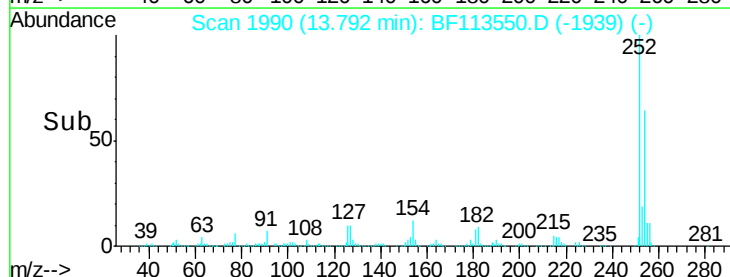
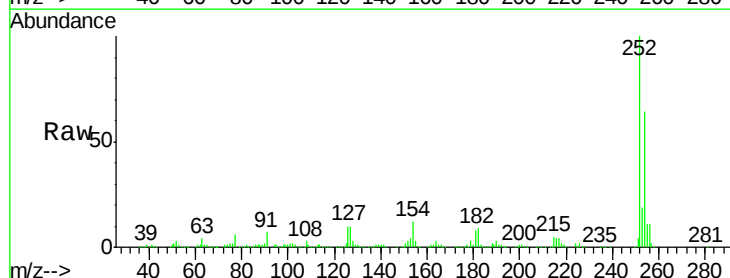
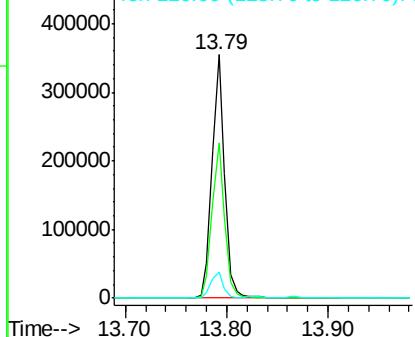
Delta R.T. 0.00 min

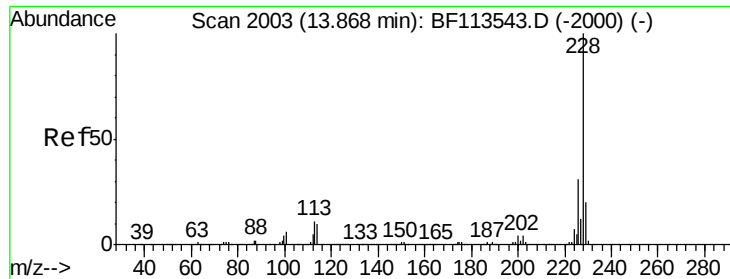
Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Tgt Ion:	252	Resp:	307180
Ion Ratio	Lower	Upper	
252	100		
254	63.7	51.0	76.4
126	10.5	8.4	12.6

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





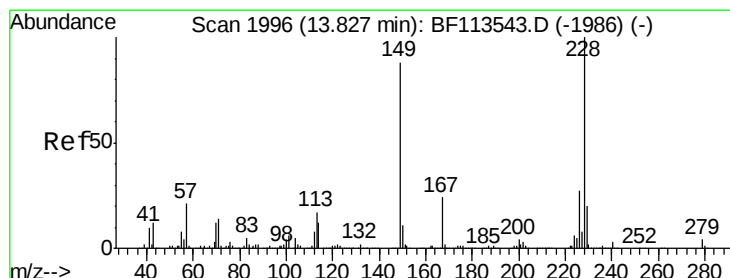
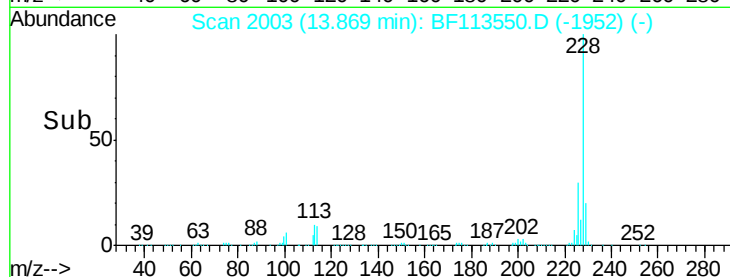
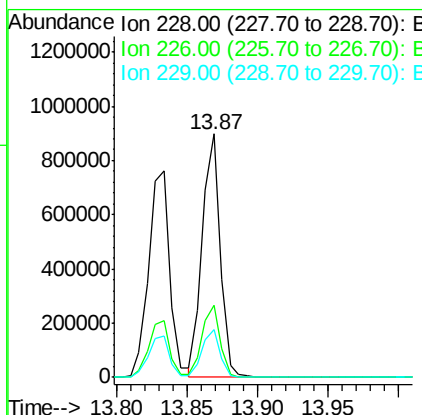
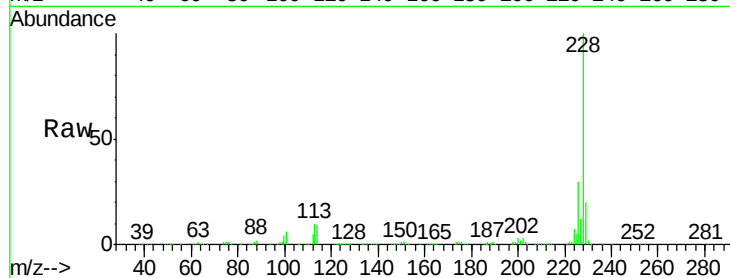
#83
Chrysene
 Concen: 40.265 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.6	15.7	23.5

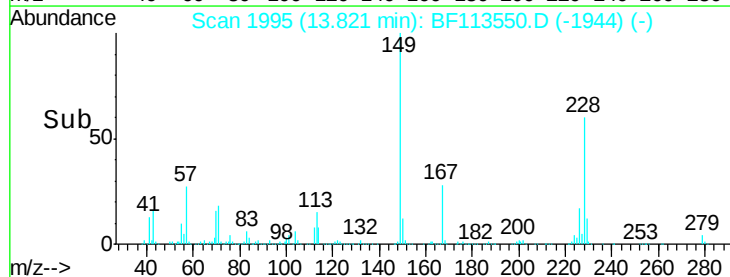
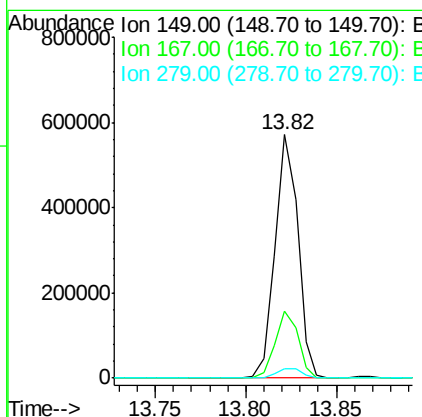
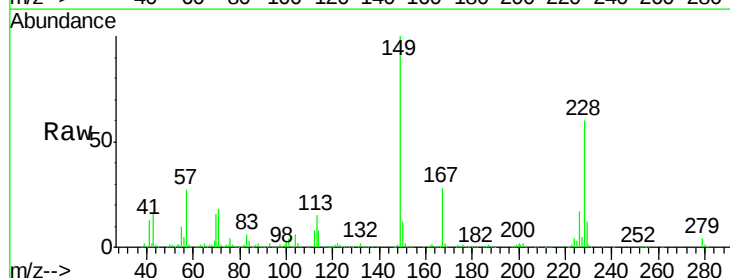
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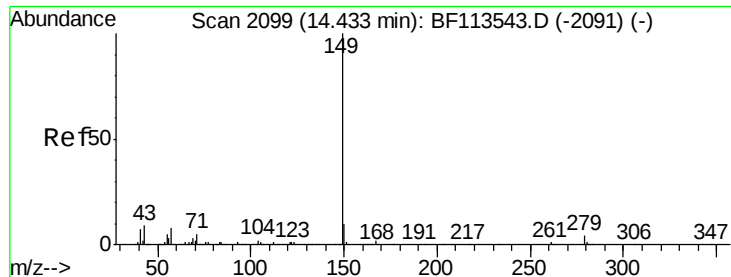
Sohil
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 39.579 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BF113550.D
 Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	3.9	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 38.338 ng

RT: 14.43 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

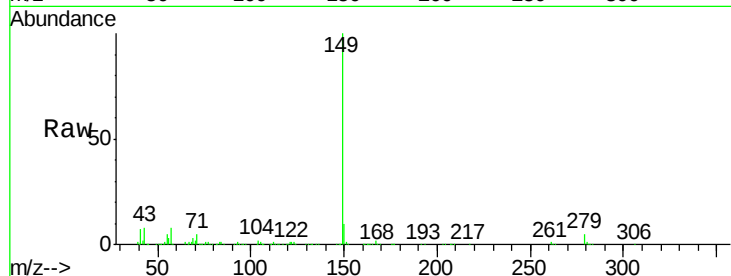
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	792249
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.6	7.7	11.5

Manual Integrations
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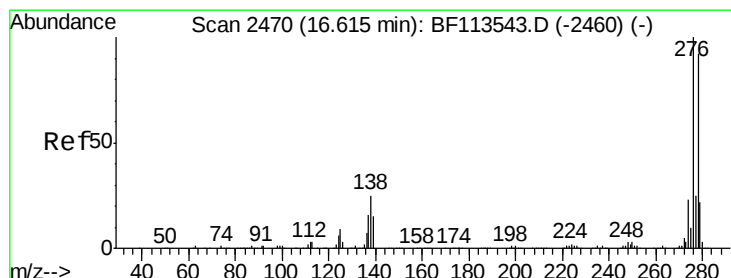
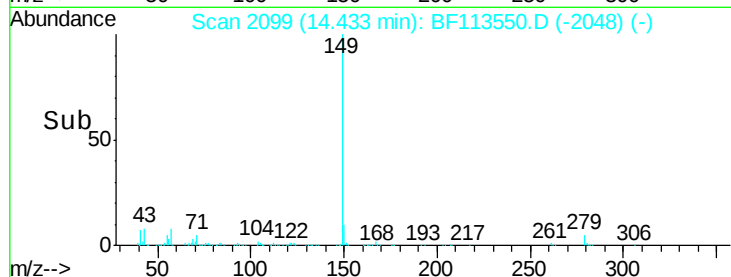
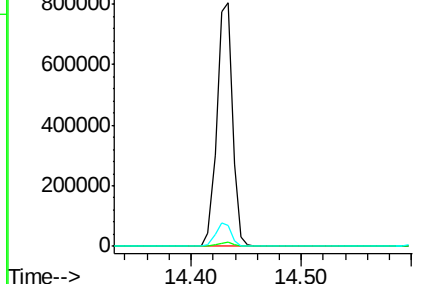
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.019 ng

RT: 16.62 min Scan# 2470

Delta R.T. 0.00 min

Lab File: BF113550.D

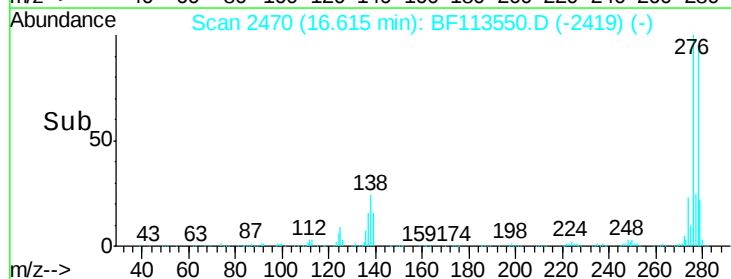
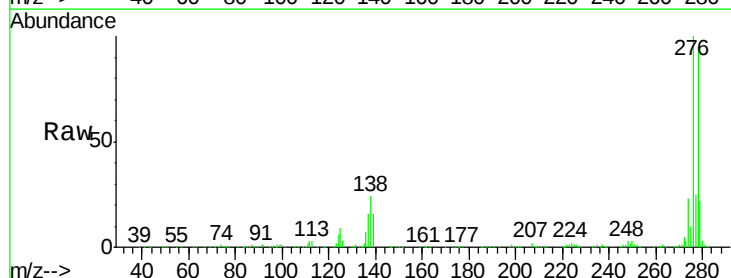
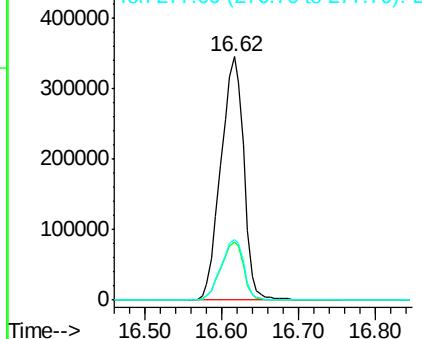
Acq: 3 Apr 2019 18:09

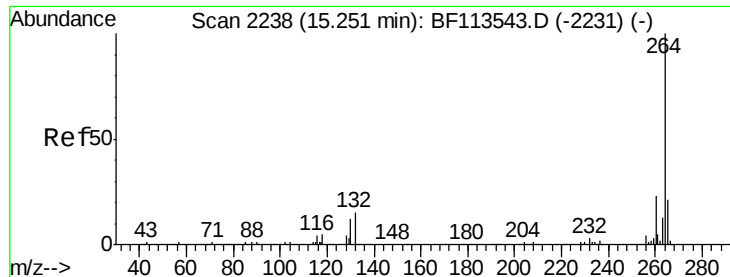
Tgt Ion:	276	Resp:	715187
Ion Ratio	Lower	Upper	
276	100		
138	23.8	19.0	28.6
277	24.9	19.9	29.9

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

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Instrument :

BNA_F

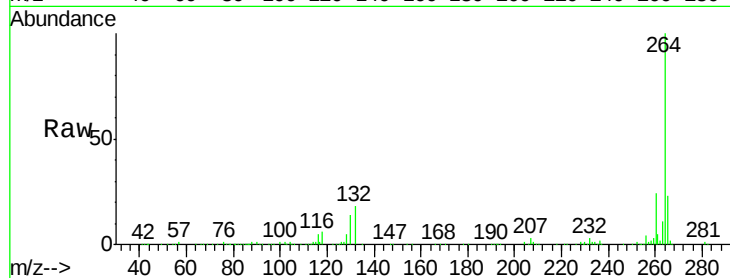
ClientSampleId :

SSTDCCC040

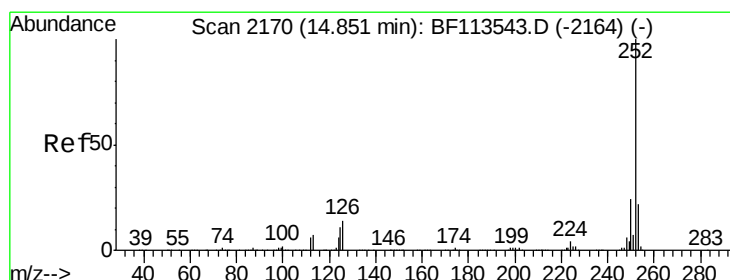
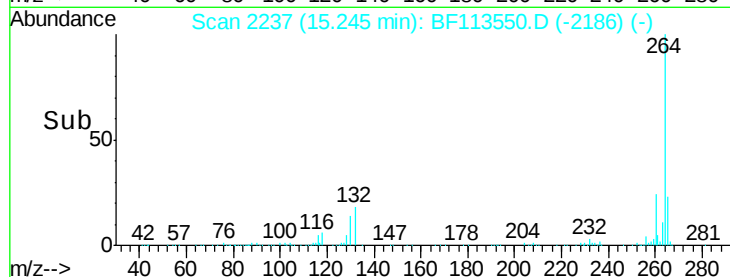
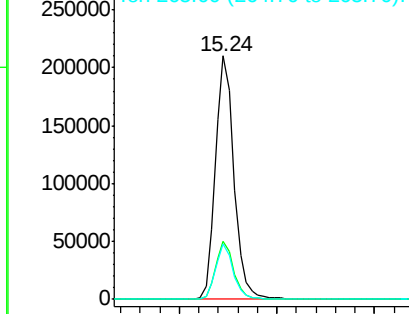
Tgt Ion:	264	Resp:	278245
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.6	18.1	27.1

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



#88

Benzo(b)fluoranthene

Concen: 40.247 ng

RT: 14.85 min Scan# 2170

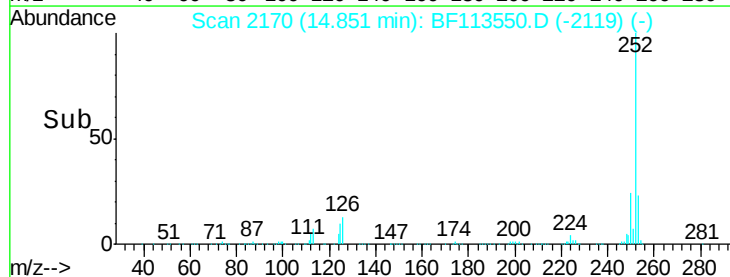
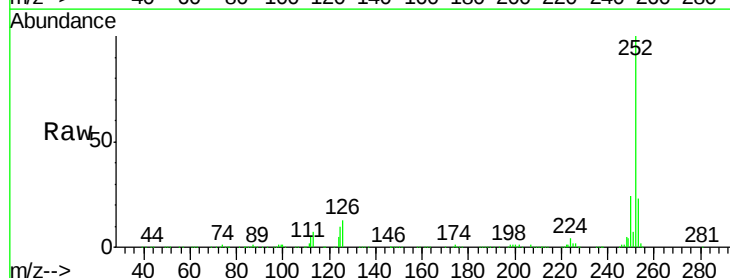
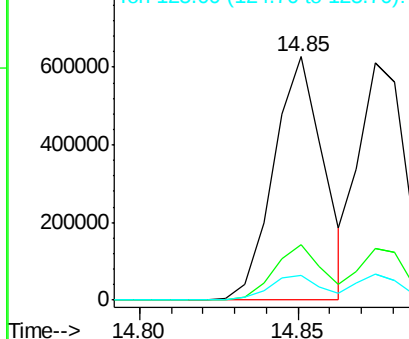
Delta R.T. 0.00 min

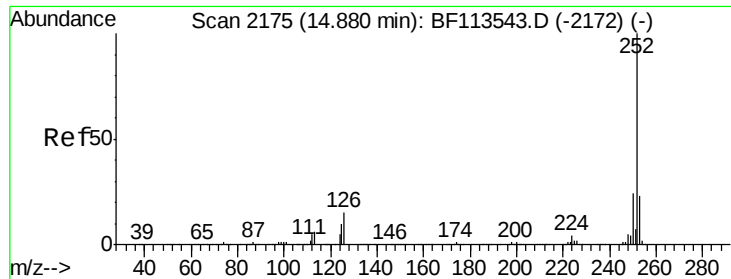
Lab File: BF113550.D

Acq: 3 Apr 2019 18:09

Tgt Ion:	252	Resp:	685481
Ion Ratio		Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.1	8.1	12.1

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





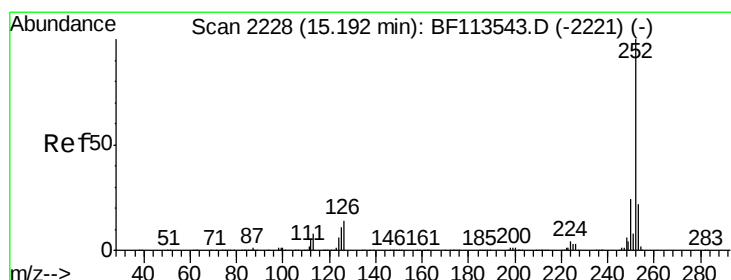
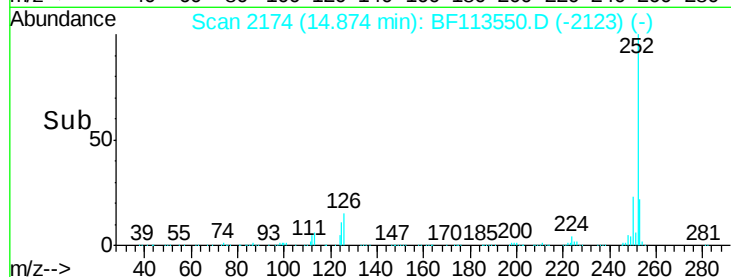
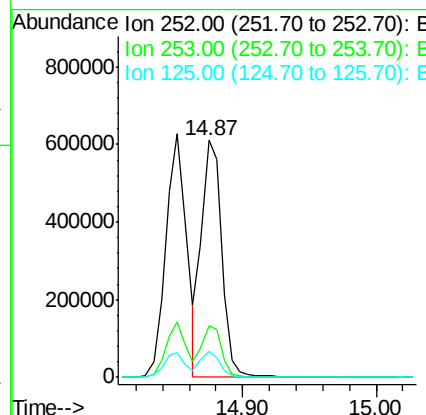
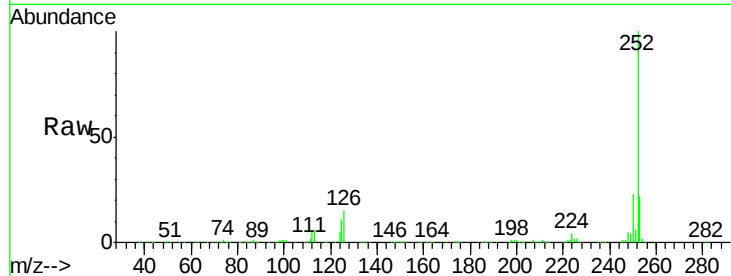
#89
Benzo(k)fluoranthene
Concen: 41.602 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.8	8.6	13.0

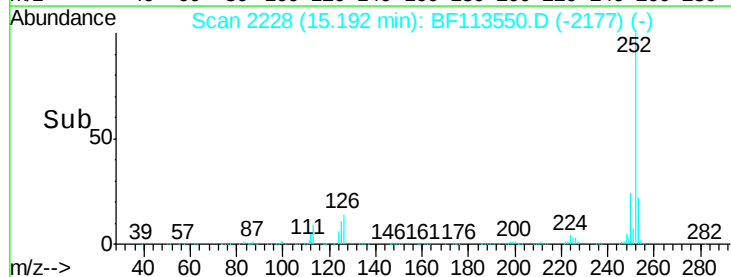
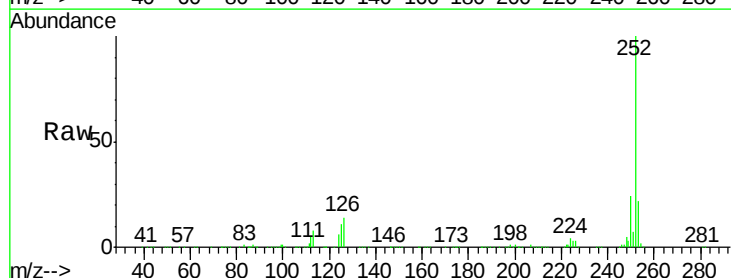
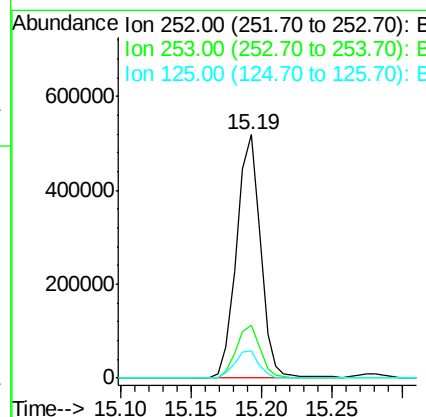
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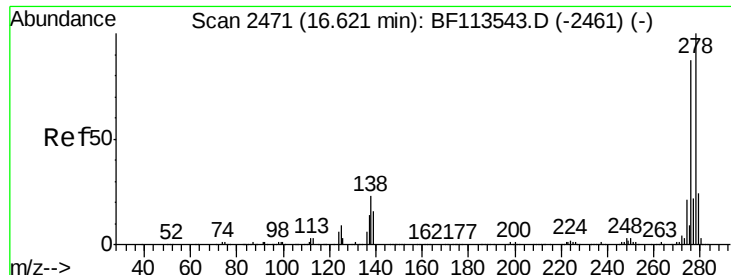
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#90
Benzo(a)pyrene
Concen: 40.764 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	11.0	8.8	13.2





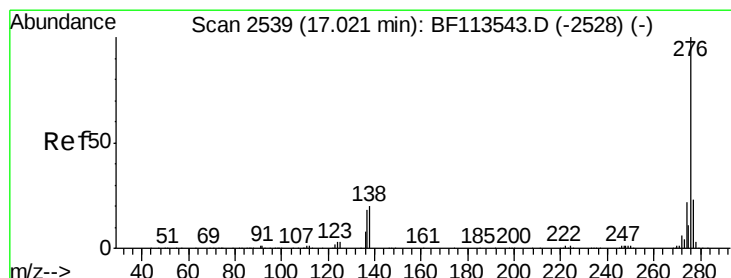
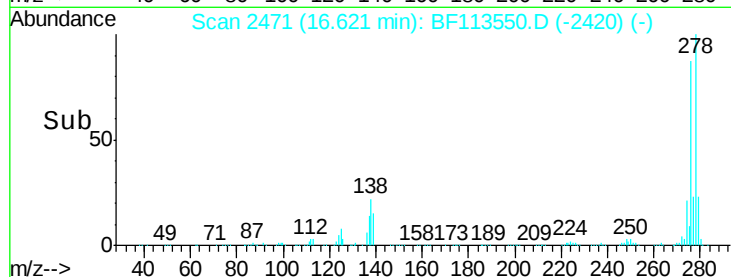
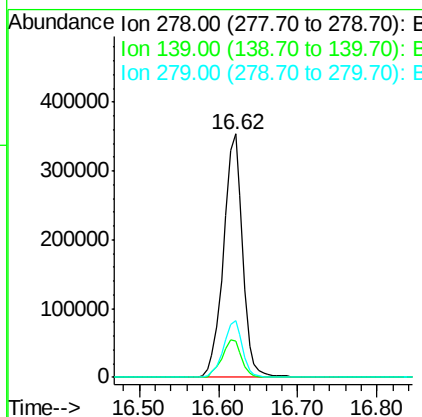
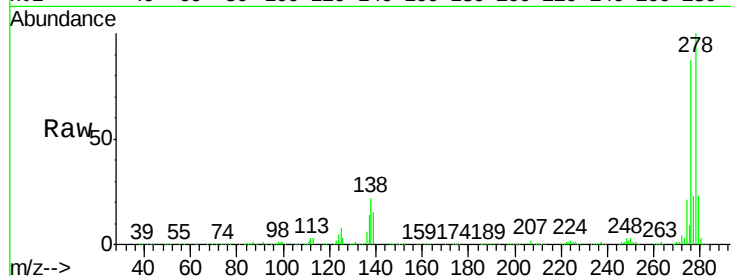
#91
Dibenzo(a,h)anthracene
Concen: 41.818 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.8	17.6
279	23.2	18.6	27.8

Manual Integrations
APPROVED

Sohil
4/4/2019 10:57:39 AM



#92
Benzo(g,h,i)perylene
Concen: 41.638 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF113550.D
Acq: 3 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	20.5	16.4	24.6

