

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113884.D
 Acq On : 22 Apr 2019 18:13
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Sohil
 4/25/2019 6:06:08 PM

Quant Time: Apr 24 11:19:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	181664	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	716135	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	382022	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	764939	20.00	ng	0.00
76) Chrysene-d12	14.07	240	613764	20.00	ng	0.00
87) Perylene-d12	15.56	264	500018	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	855747	80.57	ng	0.00
7) Phenol-d6	6.52	99	1082783	81.25	ng	0.00
23) Nitrobenzene-d5	7.46	82	984948	84.92	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	398726	85.68	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1918899	78.56	ng	0.00
79) Terphenyl-d14	13.00	244	2331144	77.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	202102	40.365	ng	96
3) Pyridine	3.46	79	539539	39.479	ng	99
4) n-Nitrosodimethylamine	3.40	42	187798	40.143	ng	95
6) Aniline	6.56	93	739542	40.415	ng	99
8) 2-Chlorophenol	6.69	128	493737	40.716	ng	95
9) Benzaldehyde	6.45	77	310895	41.648	ng	94
10) Phenol	6.53	94	652513	40.949	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	482203	40.214	ng	99
12) 1,3-Dichlorobenzene	6.84	146	559555	40.742	ng	99
13) 1,4-Dichlorobenzene	6.92	146	556187	40.263	ng	99
14) 1,2-Dichlorobenzene	7.07	146	520166	40.973	ng	99
15) Benzyl Alcohol	7.03	79	375643	41.855	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	561724	40.130	ng	94
17) 2-Methylphenol	7.15	107	430051	40.458	ng	98
18) Hexachloroethane	7.42	117	196330	40.544	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	347410	40.258	ng	99
20) 3+4-Methylphenols	7.30	107	499159	41.563	ng	# 86
22) Acetophenone	7.30	105	646877	40.591	ng	96
24) Nitrobenzene	7.47	77	539236	42.076	ng	100
25) Isophorone	7.72	82	958555	40.390	ng	100
26) 2-Nitrophenol	7.79	139	260300	44.521	ng	97
27) 2,4-Dimethylphenol	7.83	122	387897	40.721	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	616727	40.782	ng	99
29) 2,4-Dichlorophenol	8.03	162	447223	41.056	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	494575	40.720	ng	98
31) Naphthalene	8.20	128	1388383	40.810	ng	99
32) Benzoic acid	7.95	122	300848m	46.767	ng	
33) 4-Chloroaniline	8.25	127	583685	40.547	ng	97
34) Hexachlorobutadiene	8.32	225	309887	40.928	ng	99
35) Caprolactam	8.62	113	139948	40.387	ng	94
36) 4-Chloro-3-methylphenol	8.72	107	440393	40.808	ng	99
37) 2-Methylnaphthalene	8.89	142	934631	40.740	ng	98
38) 1-Methylnaphthalene	8.99	142	910339	41.113	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	501637	40.424	ng	100

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 BNA_F
 ClientSampleID :
 SSTDC040

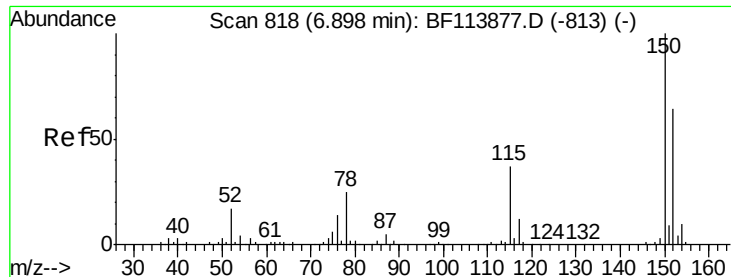
Manual Integrations
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 4/25/2019 6:06:08 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	275643	39.833	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	323977	41.115	ng	97
44) 2,4,5-Trichlorophenol	9.20	196	363377	41.113	ng	98
46) 1,1'-Biphenyl	9.36	154	1184227	40.578	ng	98
47) 2-Chloronaphthalene	9.38	162	967599	40.771	ng	99
48) 2-Nitroaniline	9.47	65	270060	43.408	ng	94
49) Acenaphthylene	9.80	152	1511819	40.691	ng	100
50) Dimethylphthalate	9.66	163	1123237	40.655	ng	99
51) 2,6-Dinitrotoluene	9.71	165	261045	44.041	ng	91
52) Acenaphthene	9.97	154	901667	41.065	ng	99
53) 3-Nitroaniline	9.88	138	266921	42.854	ng	95
54) 2,4-Dinitrophenol	9.98	184	103961	44.642	ng	# 22
55) Dibenzofuran	10.14	168	1355856	41.223	ng	98
56) 4-Nitrophenol	10.03	139	216926	43.987	ng	99
57) 2,4-Dinitrotoluene	10.12	165	342040	45.718	ng	95
58) Fluorene	10.48	166	1006544	40.648	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	318824	41.048	ng	99
60) Diethylphthalate	10.35	149	1085800	41.385	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	536094	40.879	ng	97
62) 4-Nitroaniline	10.49	138	262064	43.115	ng	97
63) Azobenzene	10.63	77	1040353	40.913	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	149631	43.488	ng	92
66) n-Nitrosodiphenylamine	10.59	169	916118	39.914	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	373966	40.469	ng	96
68) Hexachlorobenzene	11.03	284	409635	40.340	ng	99
69) Atrazine	11.12	200	300867	40.296	ng	99
70) Pentachlorophenol	11.22	266	242883	42.245	ng	97
71) Phenanthrene	11.45	178	1565402	40.721	ng	100
72) Anthracene	11.50	178	1574593	40.561	ng	99
73) Carbazole	11.65	167	1419253	40.979	ng	100
74) Di-n-butylphthalate	11.97	149	1659403	40.731	ng	100
75) Fluoranthene	12.63	202	1688394	40.256	ng	98
77) Benzdine	12.75	184	865974	47.353	ng	99
78) Pyrene	12.86	202	1691465	39.408	ng	100
80) Butylbenzylphthalate	13.47	149	674797	39.959	ng	99
81) Benzo(a)anthracene	14.06	228	1452886	40.177	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	558456	42.134	ng	99
83) Chrysene	14.09	228	1420050	40.321	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	874578	40.705	ng	100
85) Di-n-octyl phthalate	14.68	149	1379178	41.010	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	1166756	34.975	ng	98
88) Benzo(b)fluoranthene	15.13	252	1277730	40.389	ng	100
89) Benzo(k)fluoranthene	15.16	252	1147662	42.174	ng	99
90) Benzo(a)pyrene	15.50	252	1104030	40.347	ng	98
91) Dibenzo(a,h)anthracene	17.07	278	959382	37.350	ng	99
92) Benzo(g,h,i)perylene	17.50	276	947841	36.565	ng	98

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



#1

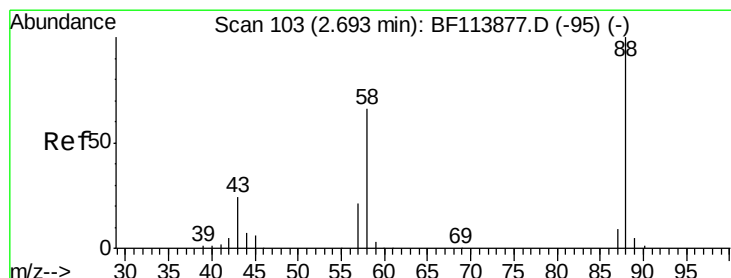
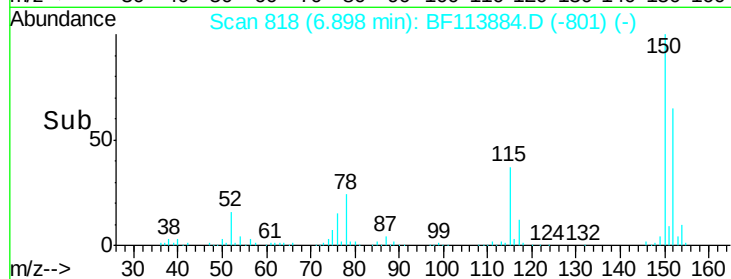
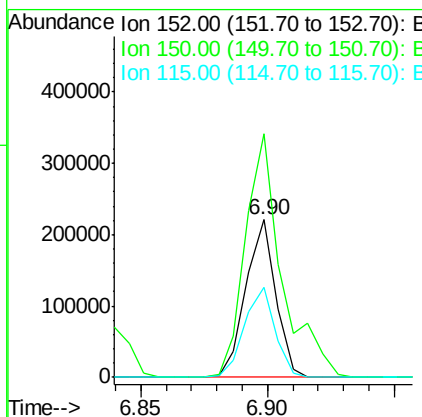
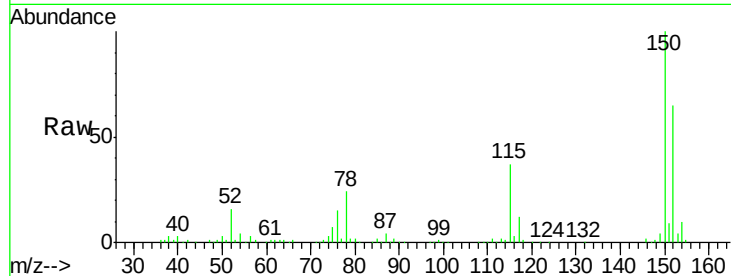
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.9	188.9
115	56.9	45.9	68.9

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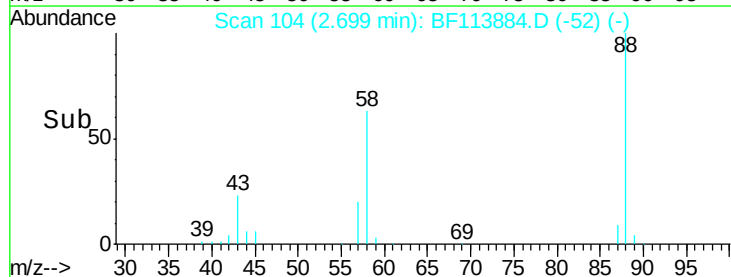
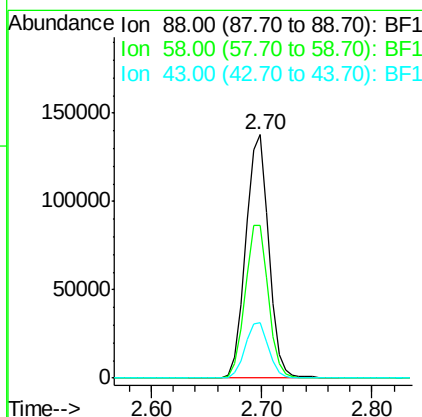
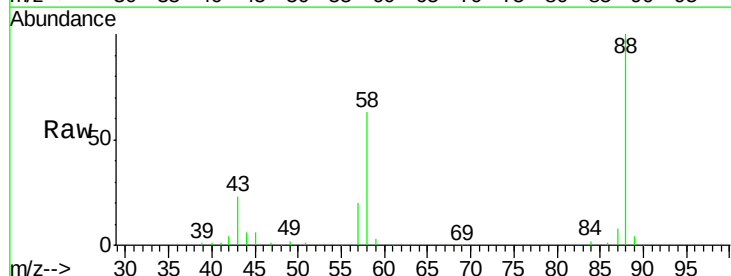
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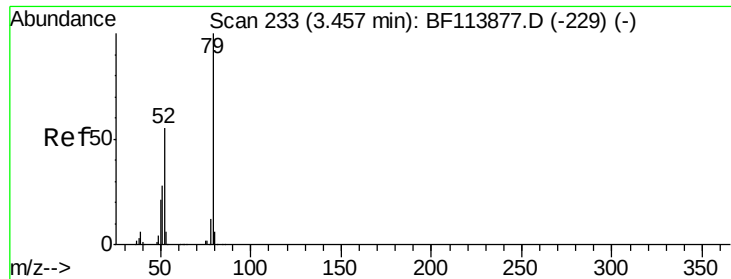


#2

1,4-Dioxane
Concen: 40.365 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	53.3	79.9
43	23.0	19.0	28.4





#3

Pyridine

Concen: 39.479 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

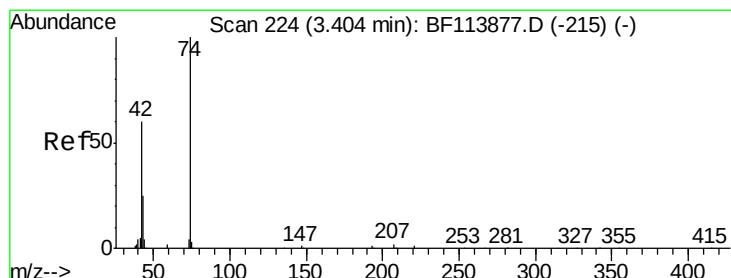
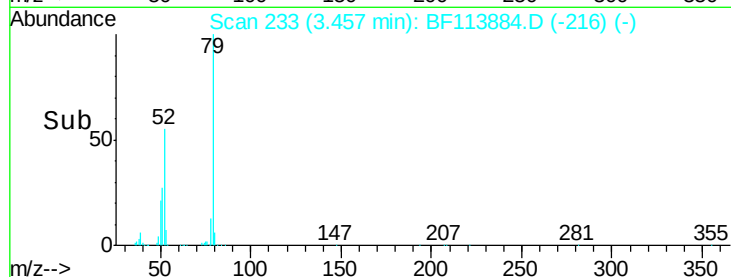
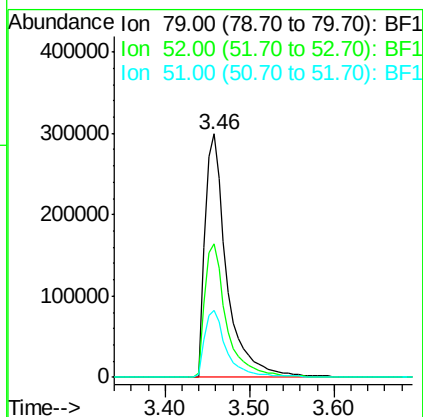
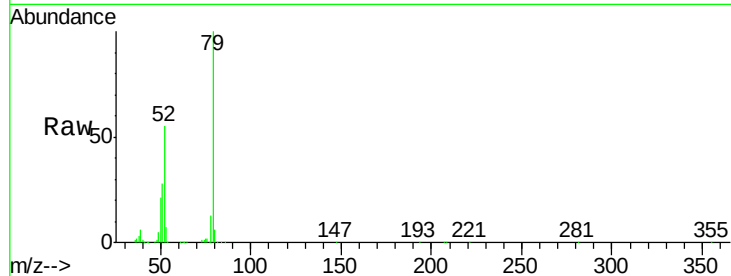
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	539539
Ion Ratio	Lower	Upper	
79	100		
52	55.1	45.3	67.9
51	27.6	22.1	33.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.143 ng

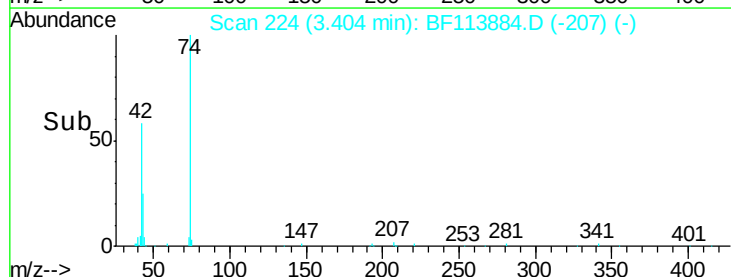
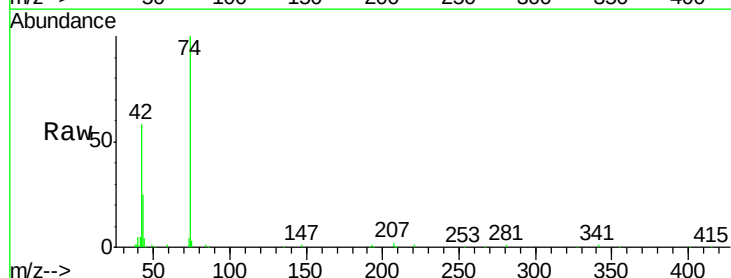
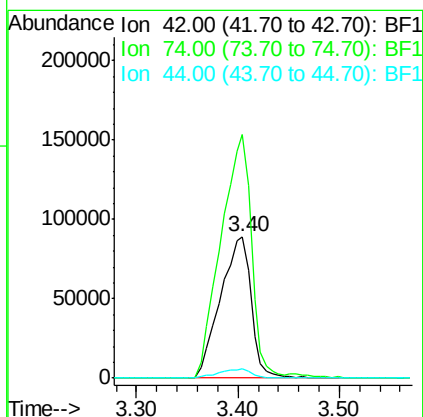
RT: 3.40 min Scan# 224

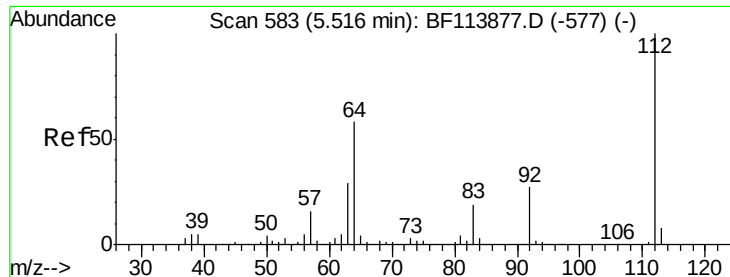
Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Tgt Ion:	42	Resp:	187798
Ion Ratio	Lower	Upper	
42	100		
74	172.1	132.6	198.8
44	6.3	5.8	8.8





#5

2-Fluorophenol

Concen: 80.568 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

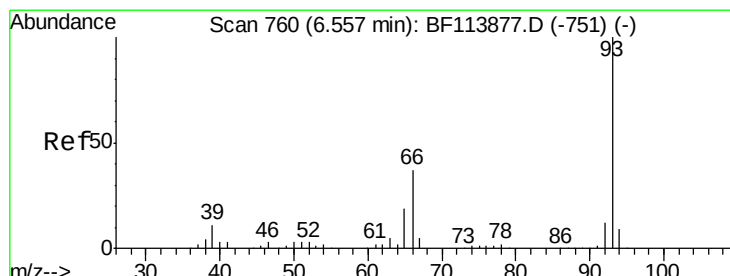
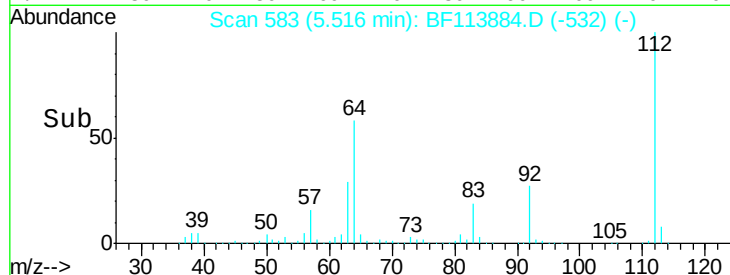
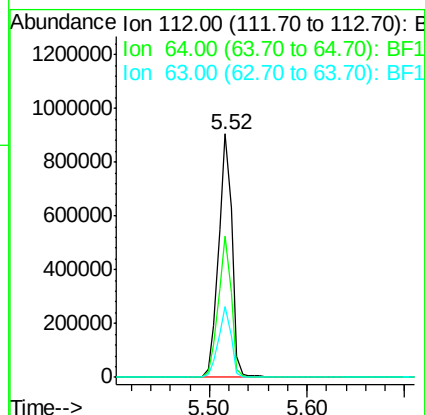
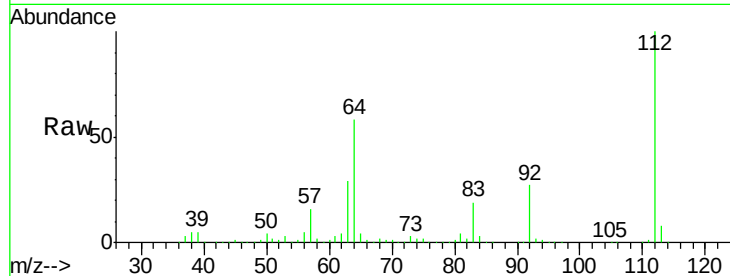
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	855747
Ion Ratio	Lower	Upper	
112	100		
64	58.0	46.6	69.8
63	28.9	23.1	34.7

Manual Integrations
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#6

Aniline

Concen: 40.415 ng

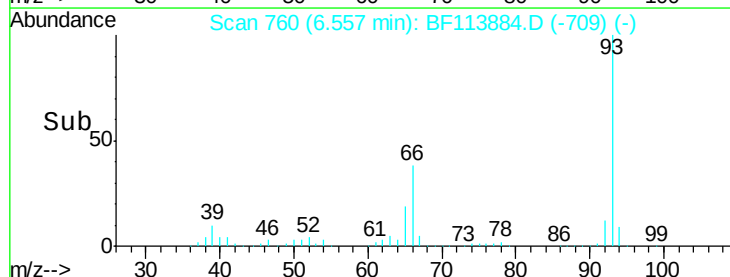
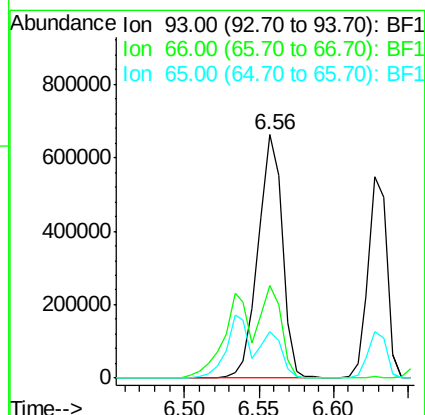
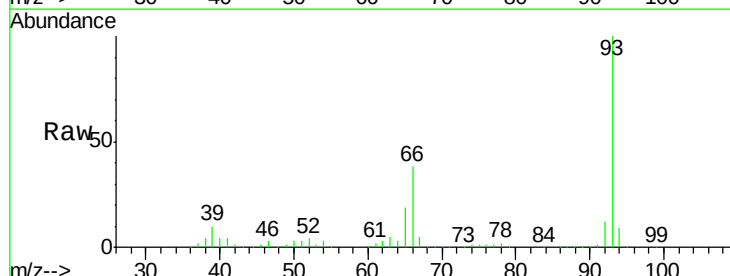
RT: 6.56 min Scan# 760

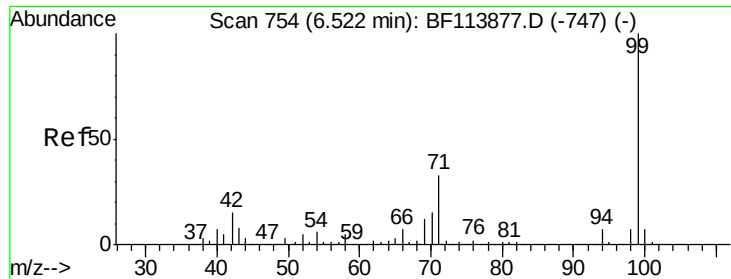
Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Tgt Ion:	93	Resp:	739542
Ion Ratio	Lower	Upper	
93	100		
66	37.9	29.8	44.6
65	19.2	14.9	22.3





#7

Phenol-d6

Concen: 81.254 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1082783

Ion Ratio Lower Upper

99 100

42 15.4 12.5 18.7

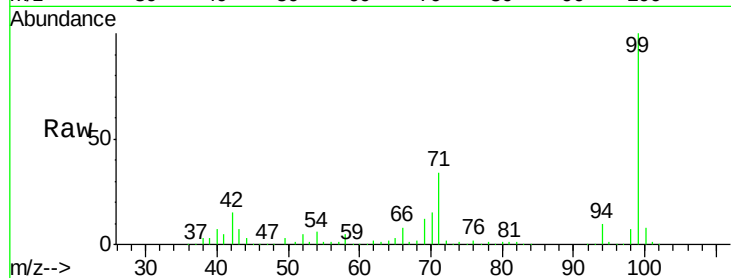
71 33.7 26.9 40.3

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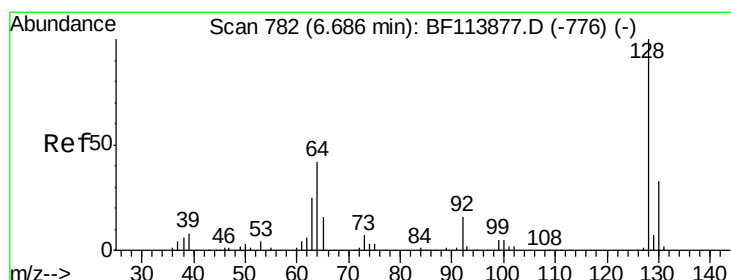
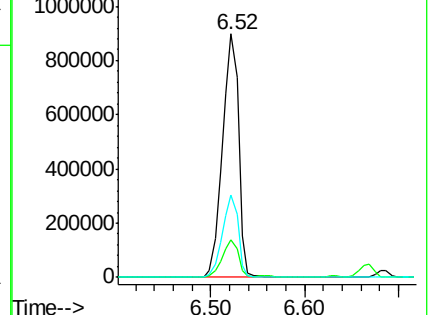
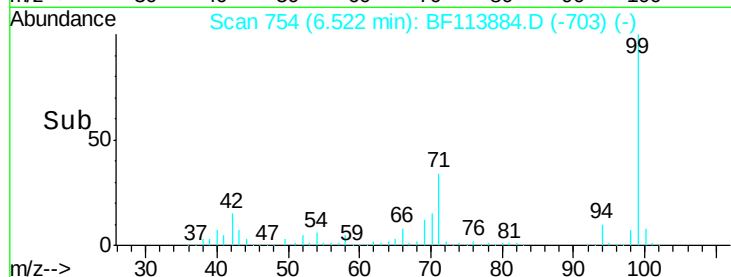
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.716 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

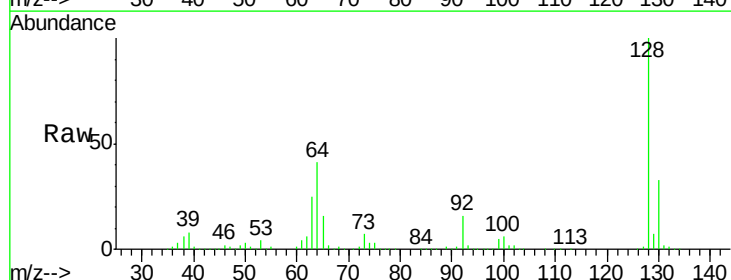
Tgt Ion: 128 Resp: 493737

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

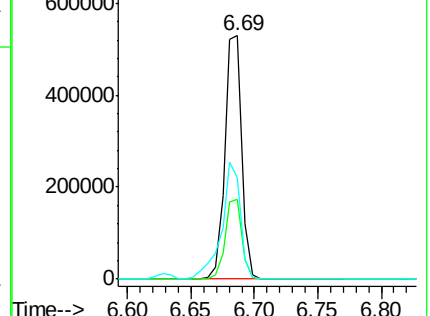
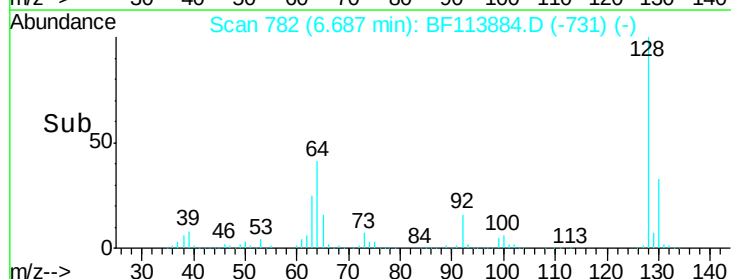
64 41.5 26.1 66.1

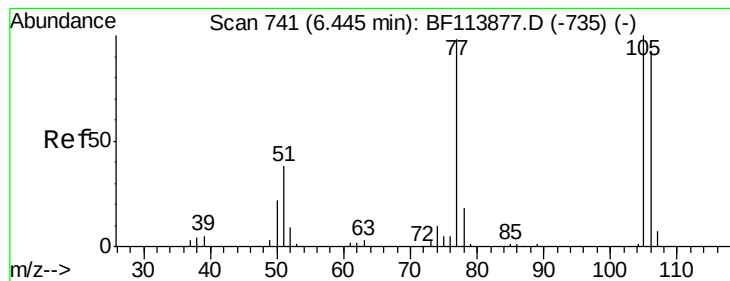


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.648 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 310895

Ion Ratio Lower Upper

77 100

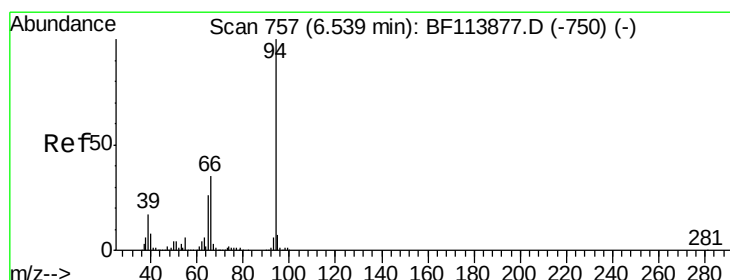
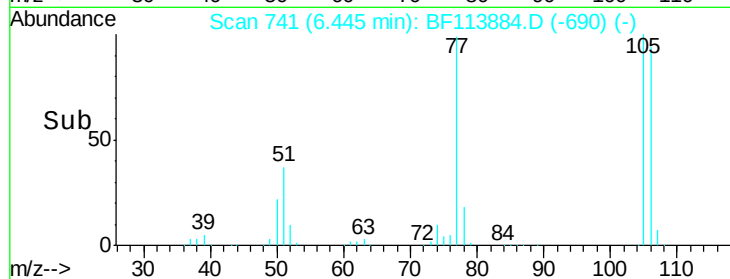
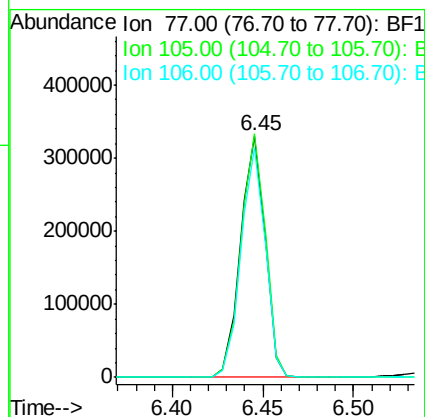
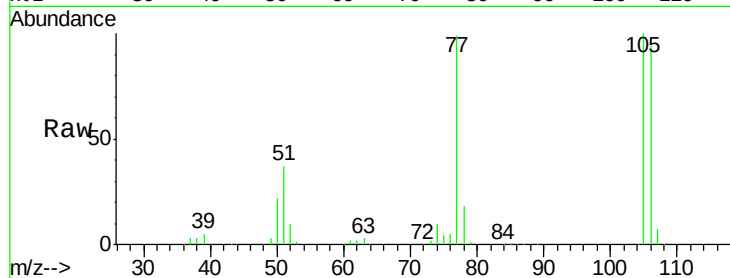
105 100.9 74.1 114.1

106 94.9 70.3 110.3

Manual Integrations
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#10

Phenol

Concen: 40.949 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

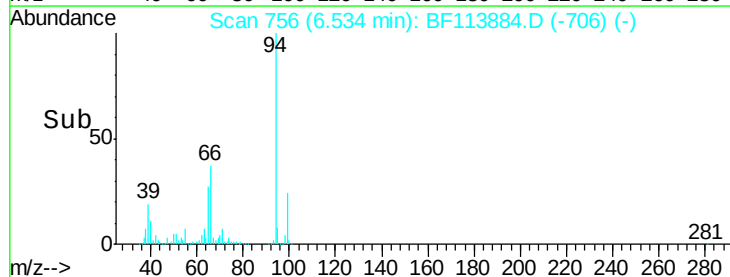
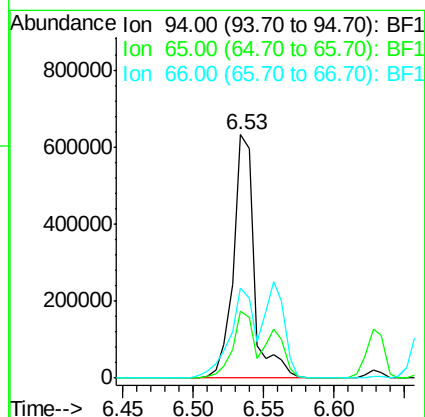
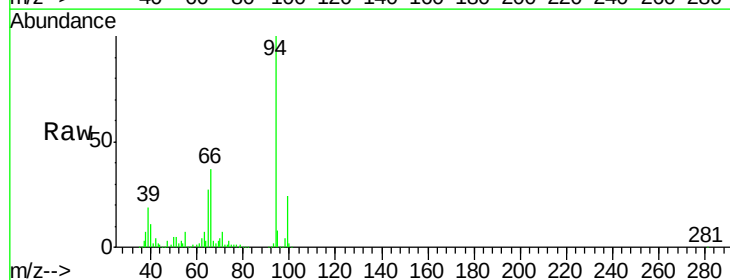
Tgt Ion: 94 Resp: 652513

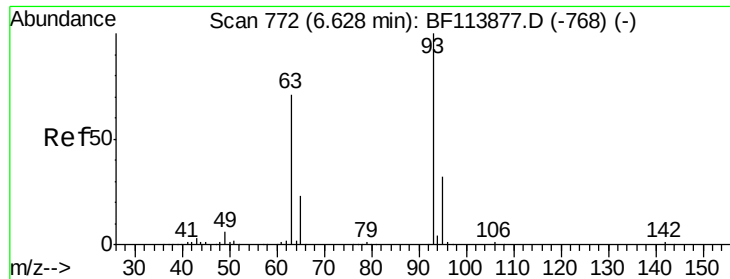
Ion Ratio Lower Upper

94 100

65 27.5 8.1 48.1

66 36.8 16.6 56.6





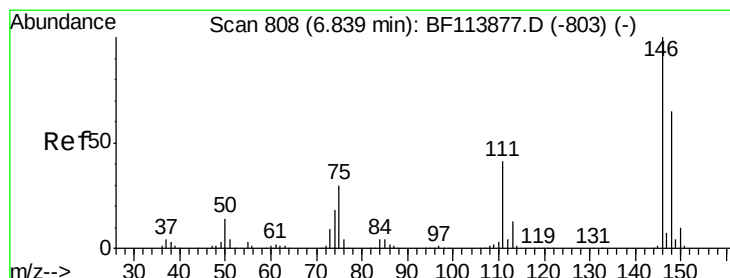
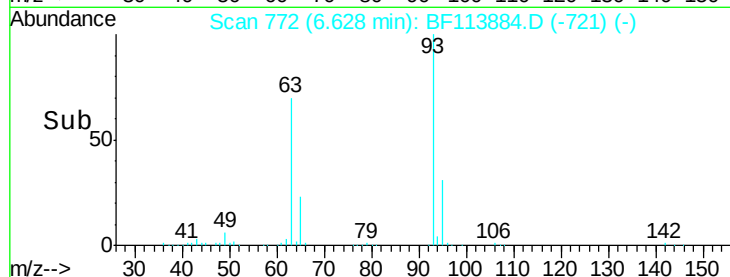
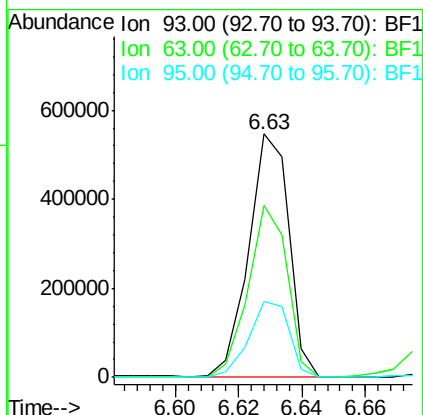
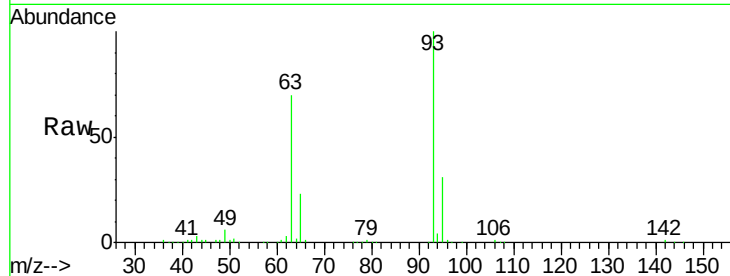
#11
bis(2-Chloroethyl)ether
Concen: 40.214 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.4	50.7	90.7
95	31.4	12.3	52.3

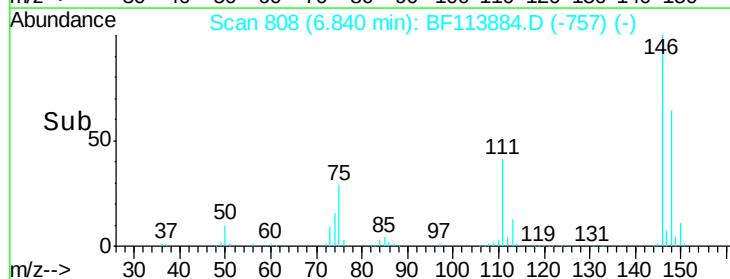
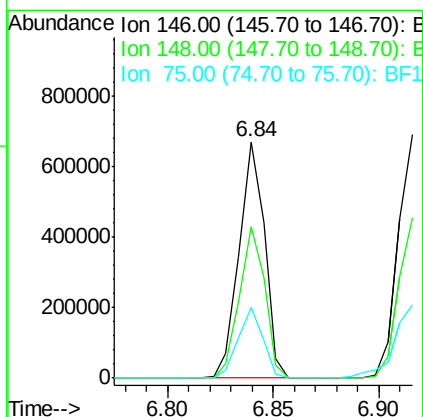
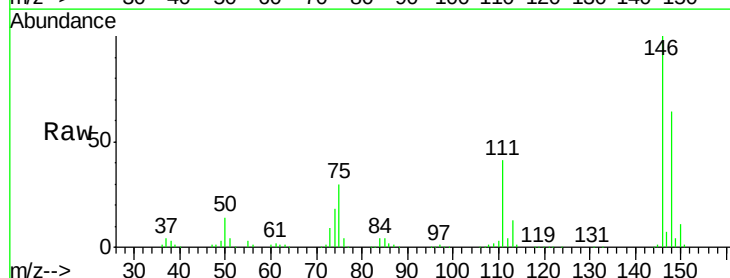
Manual Integrations
APPROVED

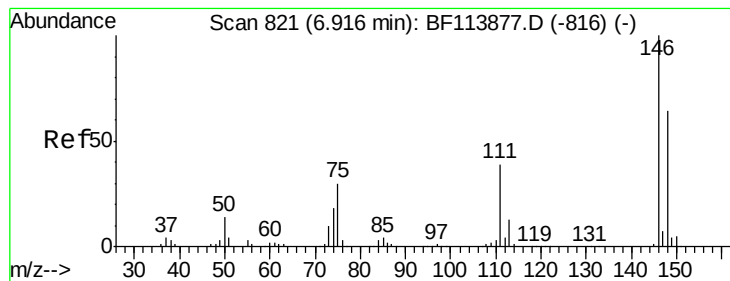
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.742 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
75	30.1	23.8	35.8





#13

1,4-Dichlorobenzene

Concen: 40.263 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

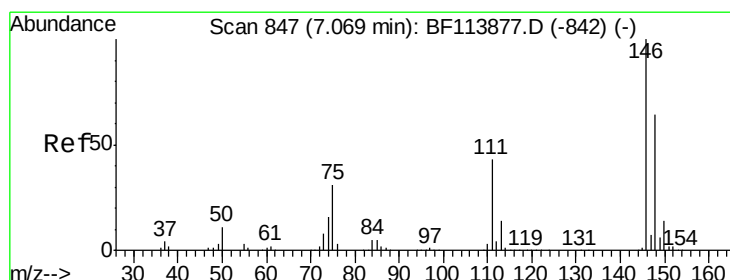
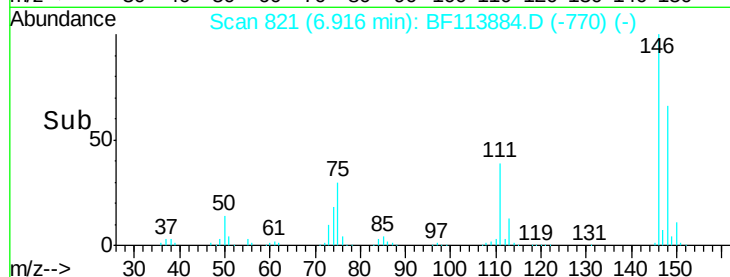
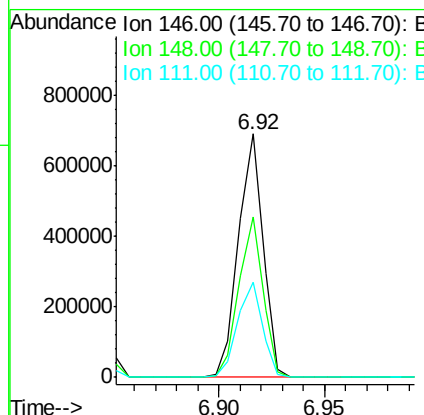
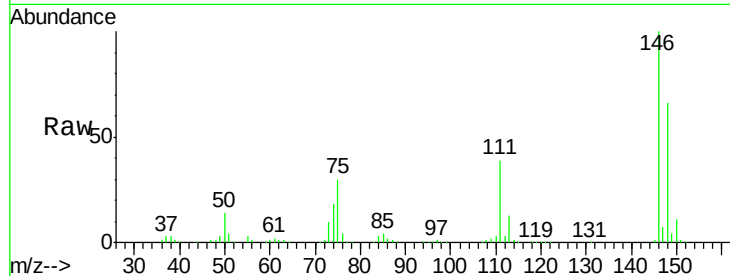
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	556187
Ion Ratio	Lower	Upper	
146	100		
148	66.1	51.8	77.8
111	39.3	30.9	46.3

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#14

1,2-Dichlorobenzene

Concen: 40.973 ng

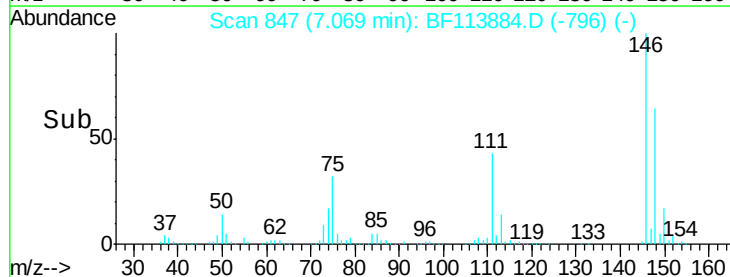
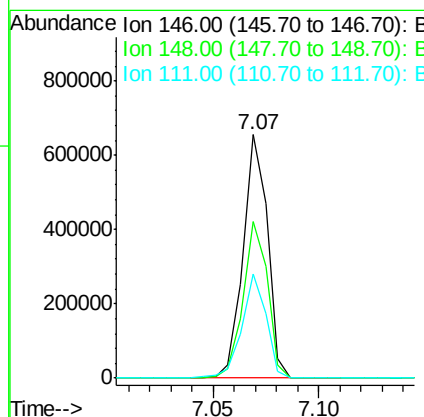
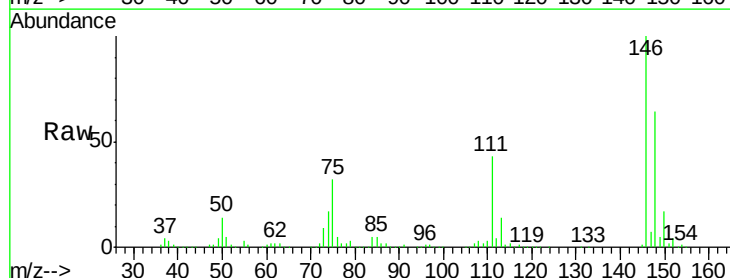
RT: 7.07 min Scan# 847

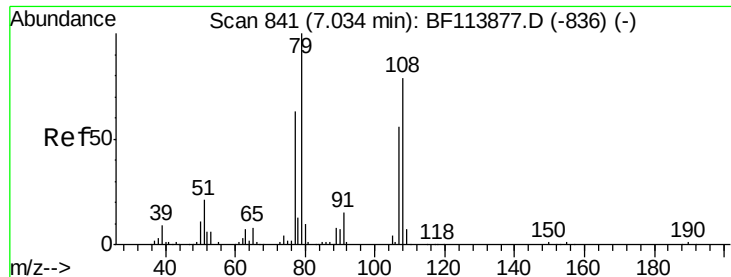
Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Tgt Ion:	146	Resp:	520166
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.1	78.1
111	42.6	34.2	51.4





#15

Benzyl Alcohol

Concen: 41.855 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

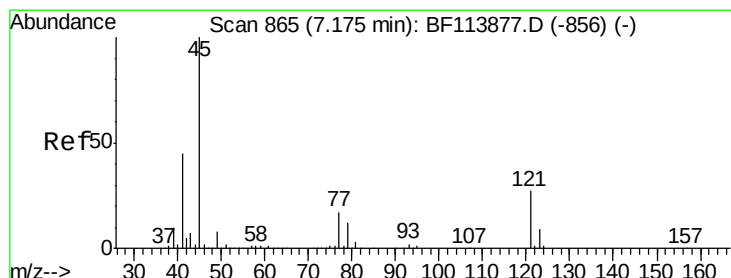
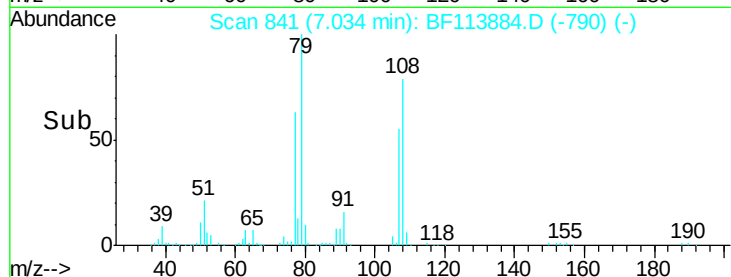
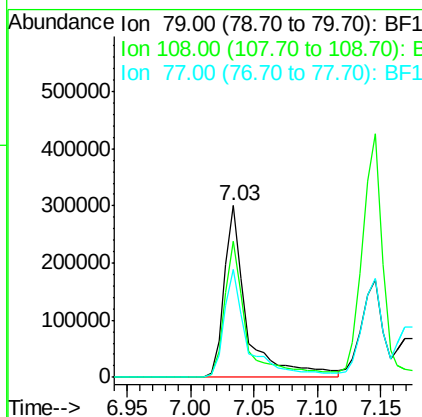
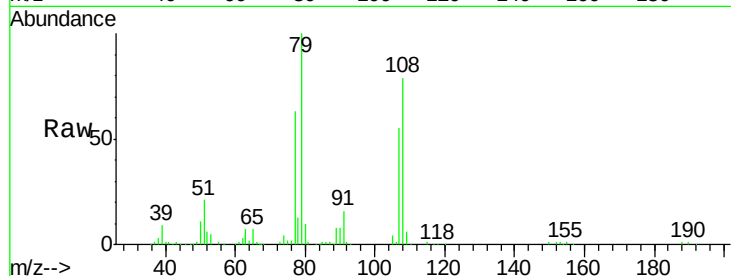
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	375643
Ion	Ratio	Lower	Upper
79	100		
108	79.2	61.4	92.0
77	62.6	51.6	77.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.130 ng

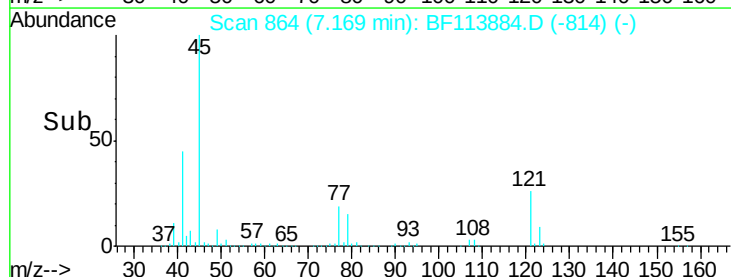
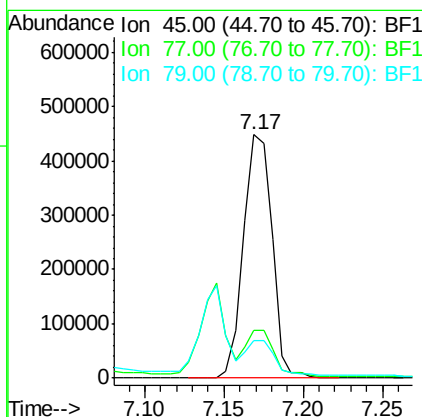
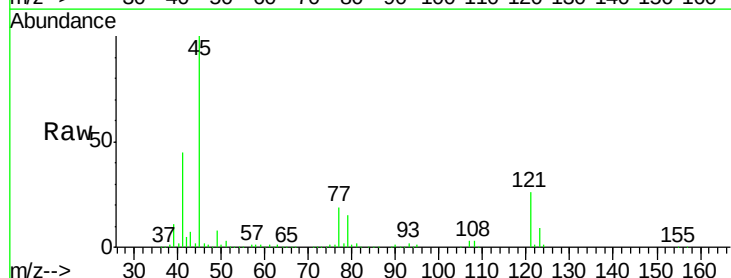
RT: 7.17 min Scan# 864

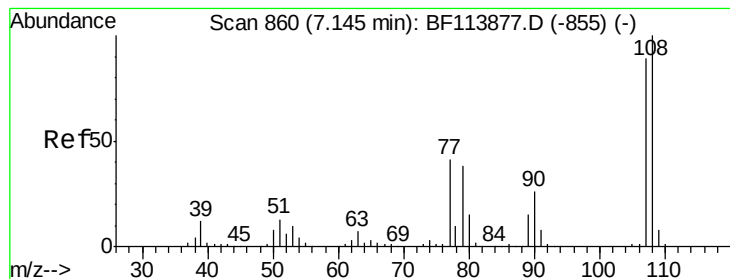
Delta R.T. -0.01 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Tgt Ion:	45	Resp:	561724
Ion	Ratio	Lower	Upper
45	100		
77	19.5	0.0	37.0
79	15.2	0.0	32.7





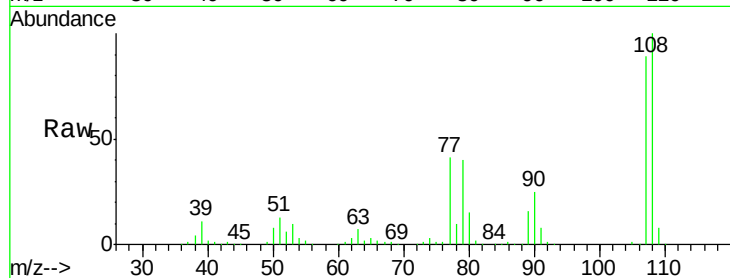
#17
2-Methylphenol
Concen: 40.458 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	430051	91.5	137.3
77	46.1		36.2	54.4
79	45.5		35.4	53.0

Manual Integrations
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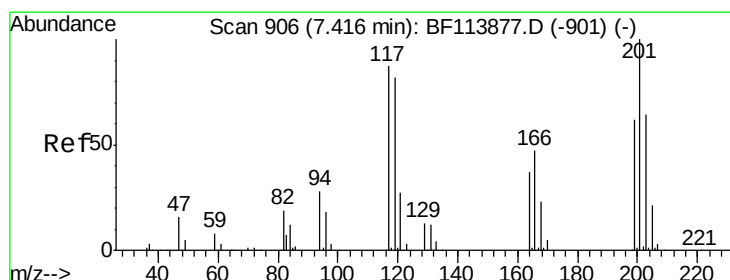
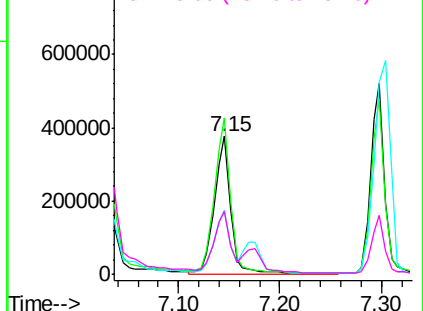
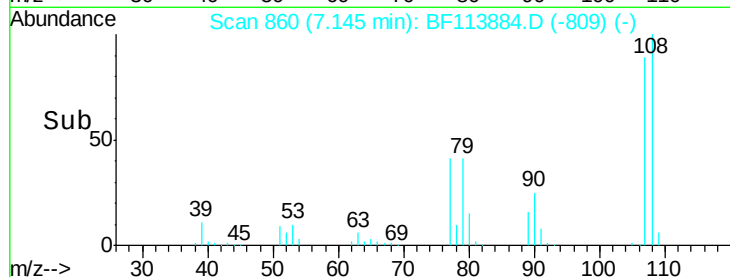
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

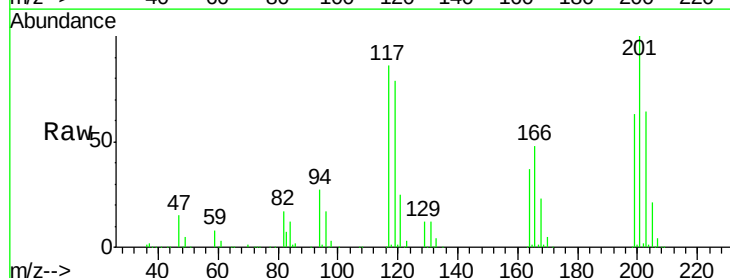
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.544 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	196330		
119	92.0		74.4	111.6
201	116.8		90.2	135.2

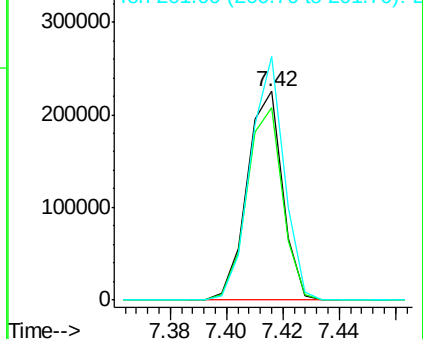
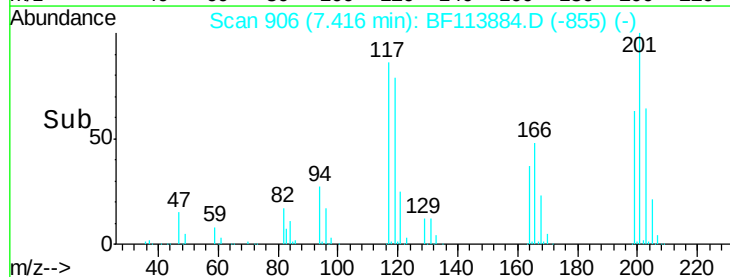


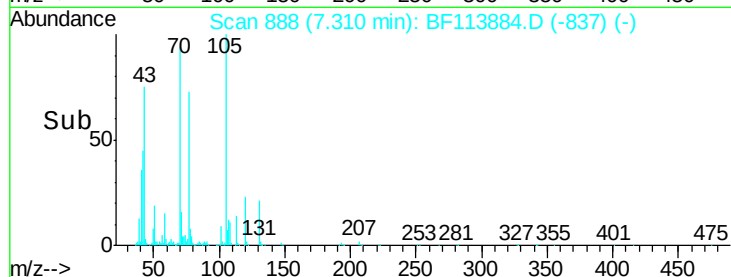
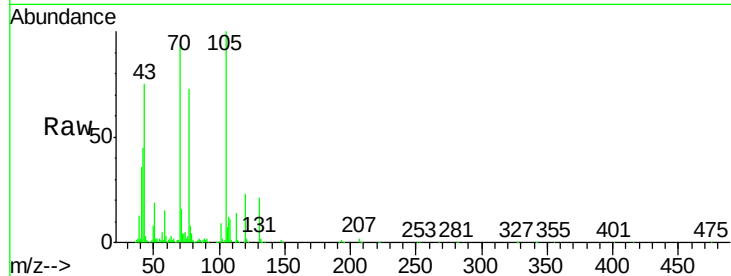
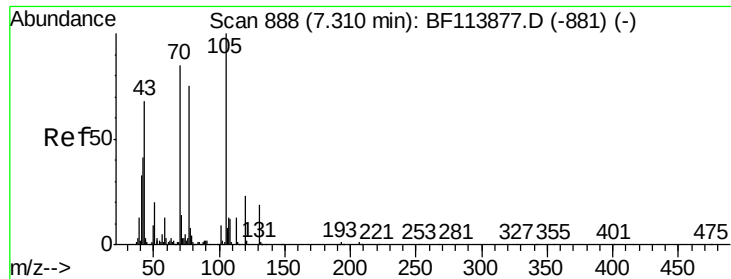
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





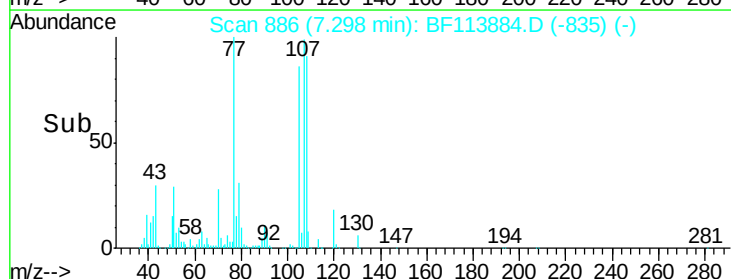
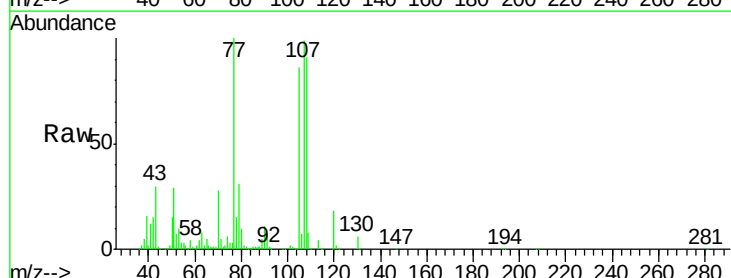
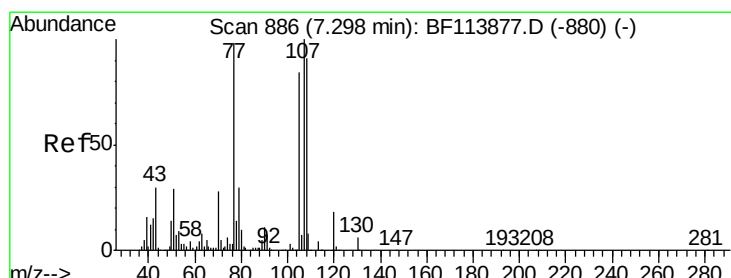
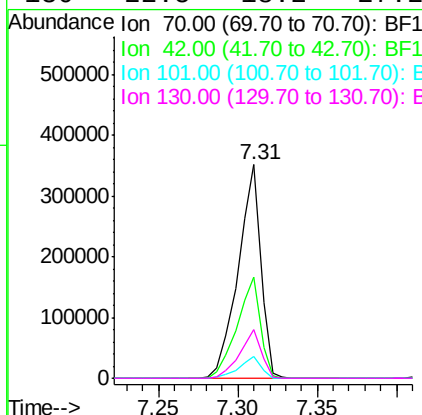
#19
n-Nitroso-di-n-propylamine
Concen: 40.258 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		347410		
42	47.3	37.3	55.9		
101	9.9	7.8	11.8		
130	22.5	18.2	27.2		

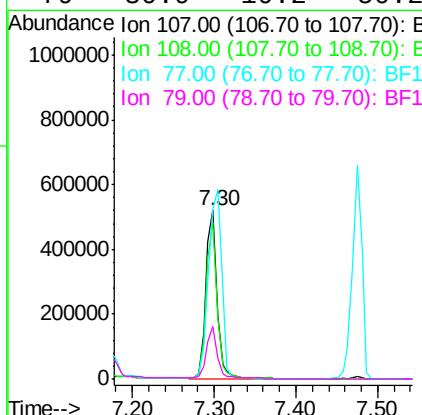
Manual Integrations
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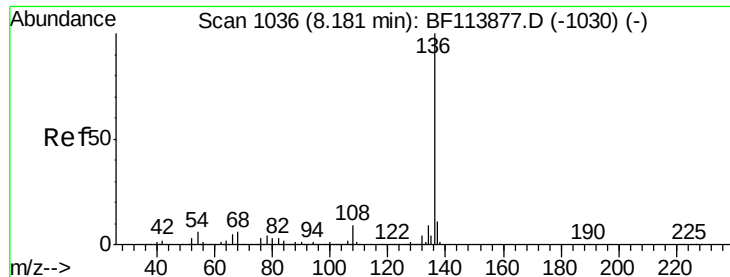
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#20
3+4-Methylphenols
Concen: 41.563 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		499159		
108	92.2	70.1	110.1		
77	101.0	52.9	92.9#		
79	30.9	10.2	50.2		





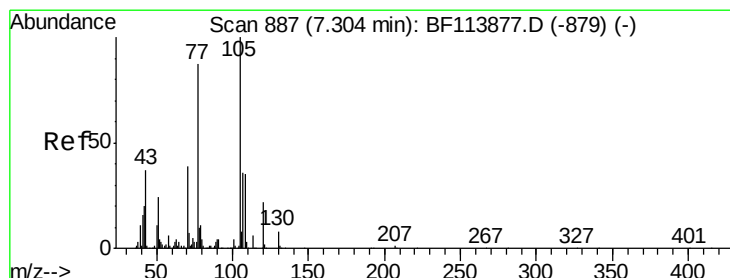
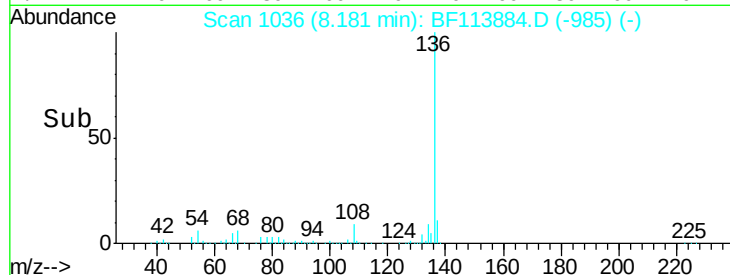
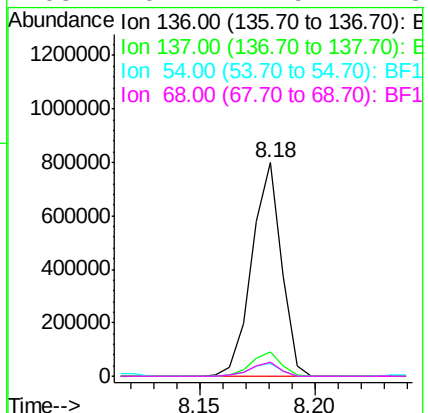
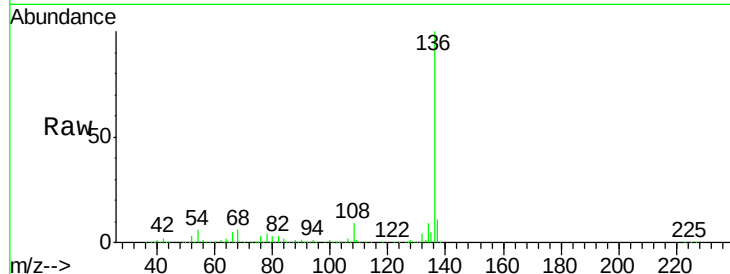
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	716135		
137	11.3	8.6	12.8	
54	6.1	5.0	7.6	
68	6.4	4.9	7.3	

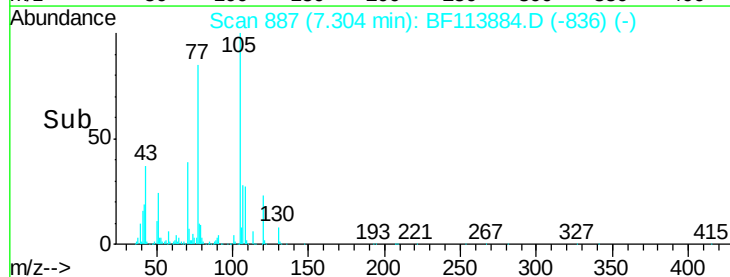
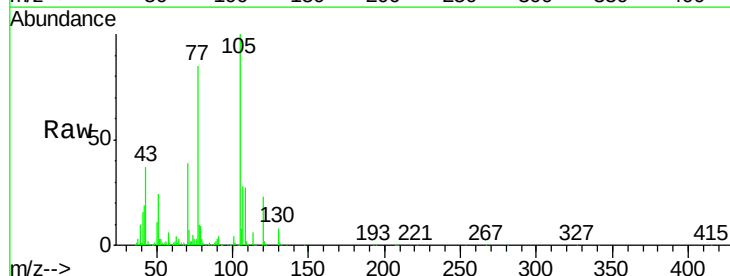
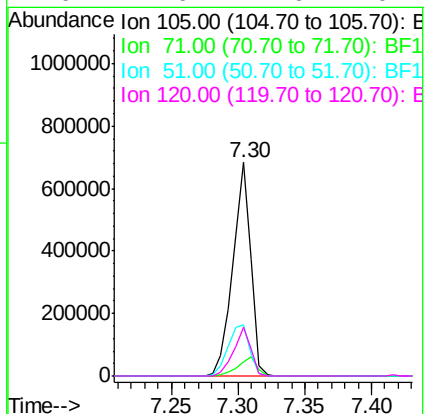
Manual Integrations
APPROVED

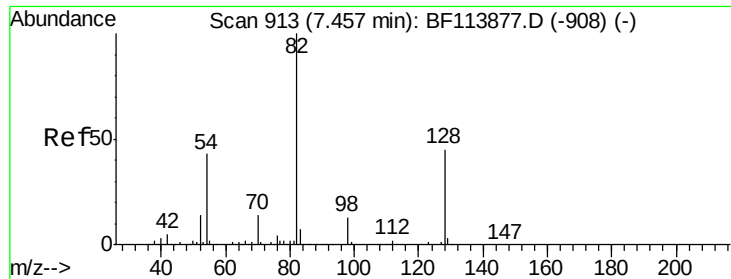
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#22
Acetophenone
Concen: 40.591 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	646877		
71	6.6	6.1	9.1	
51	24.3	16.8	25.2	
120	22.6	17.6	26.4	





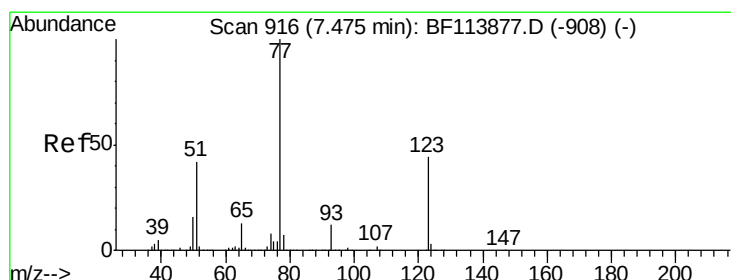
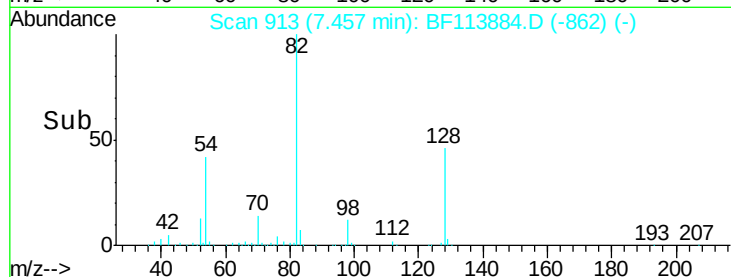
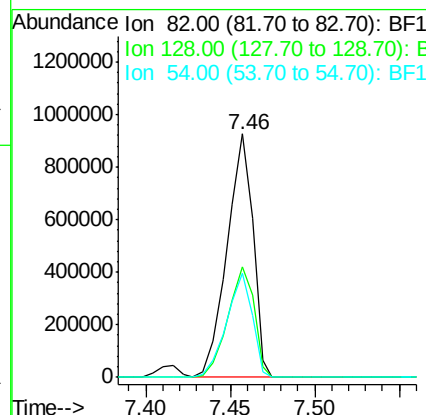
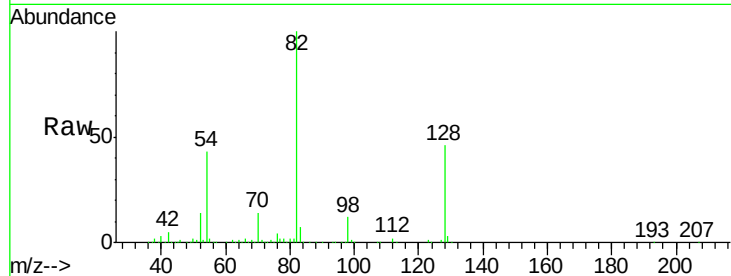
#23
Nitrobenzene-d5
Concen: 84.920 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.8	55.2
54	42.5	33.8	50.6

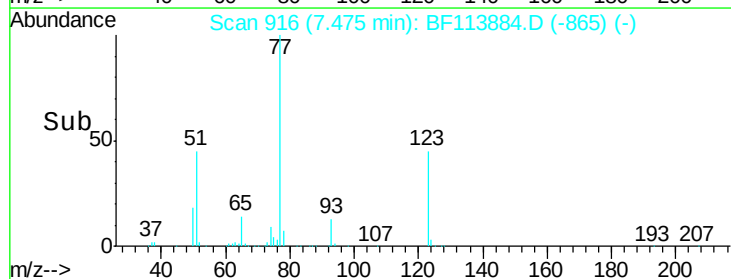
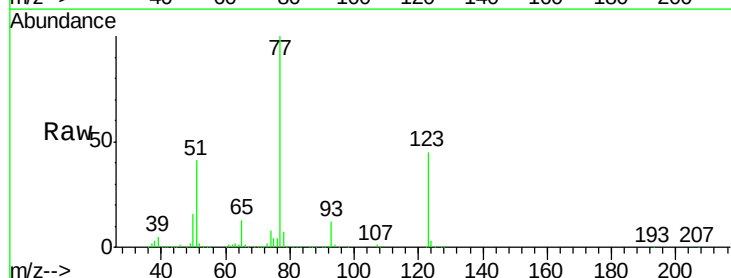
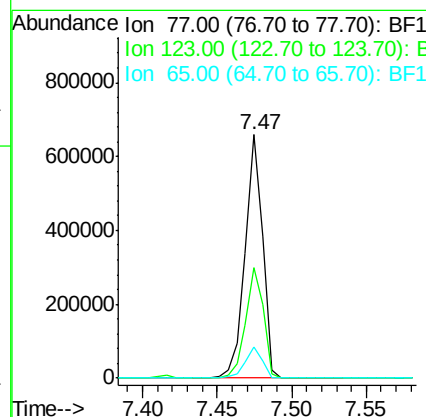
Manual Integrations
APPROVED

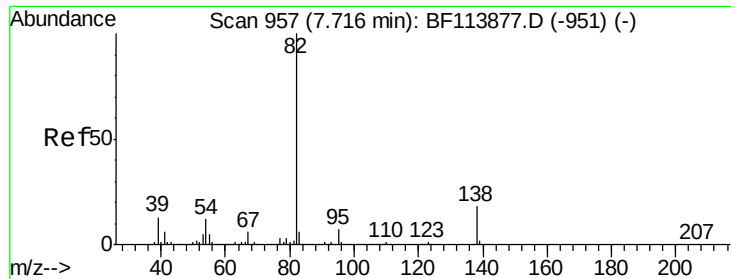
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#24
Nitrobenzene
Concen: 42.076 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	36.3	54.5
65	12.5	10.3	15.5





#25

Isophorone

Concen: 40.390 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

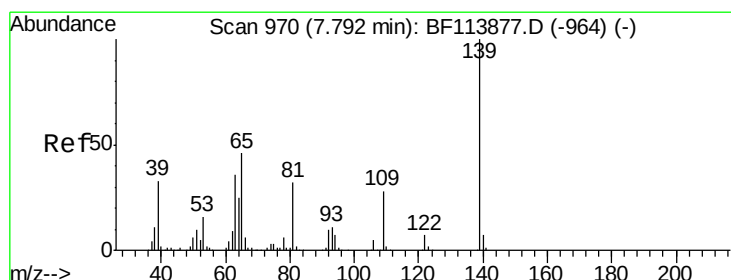
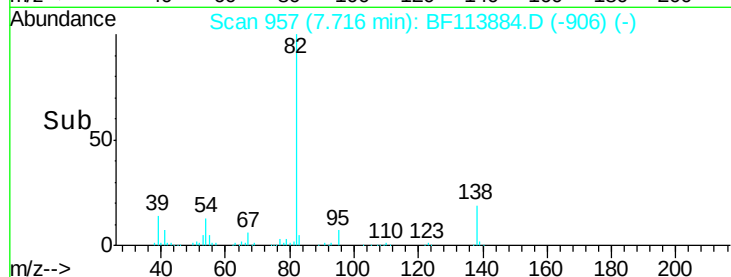
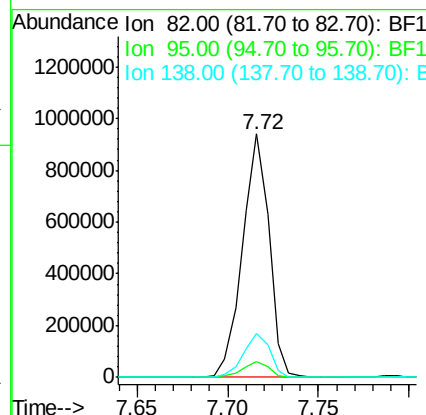
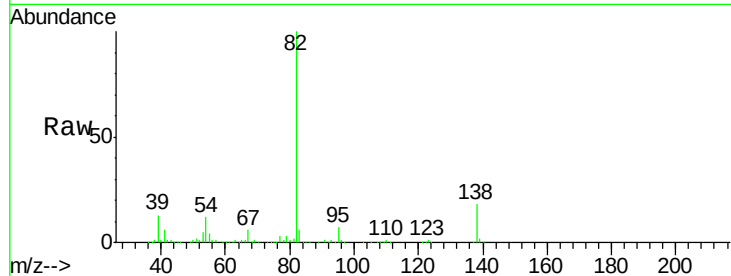
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	958555
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	18.2	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.521 ng

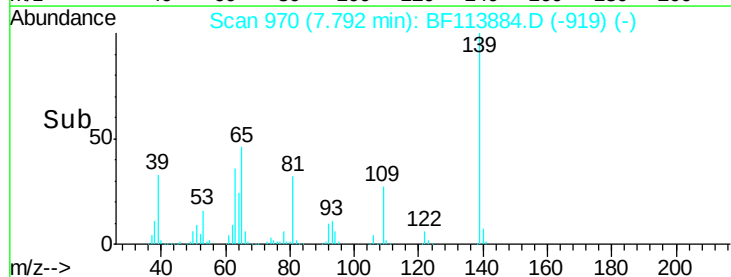
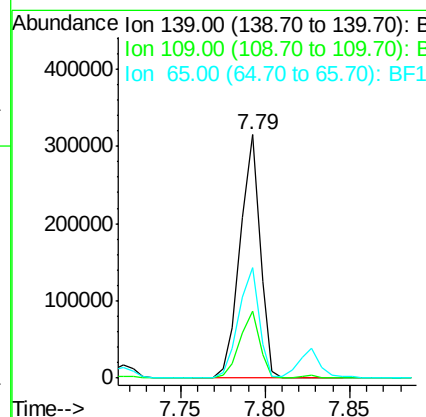
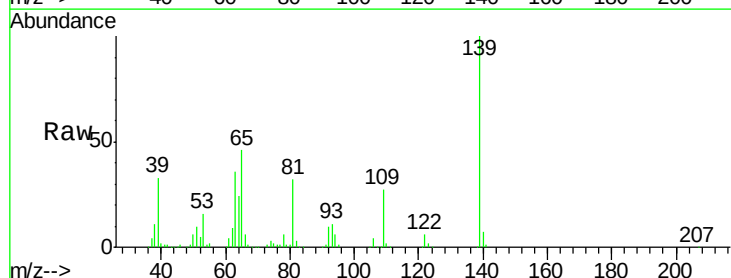
RT: 7.79 min Scan# 970

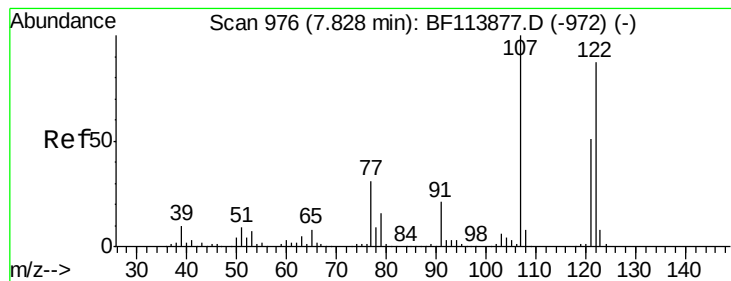
Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Tgt Ion:	139	Resp:	260300
Ion Ratio	Lower	Upper	
139	100		
109	27.4	20.6	31.0
65	45.6	34.6	52.0





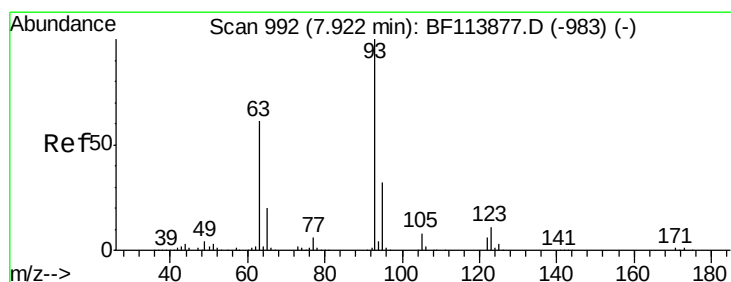
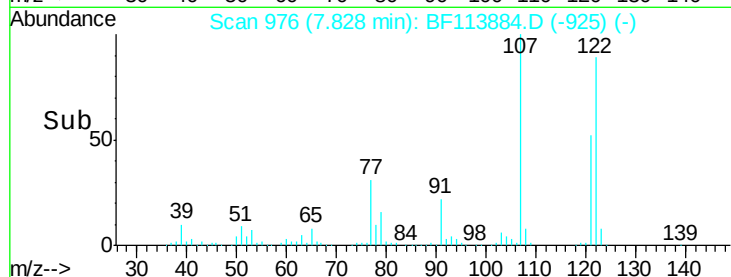
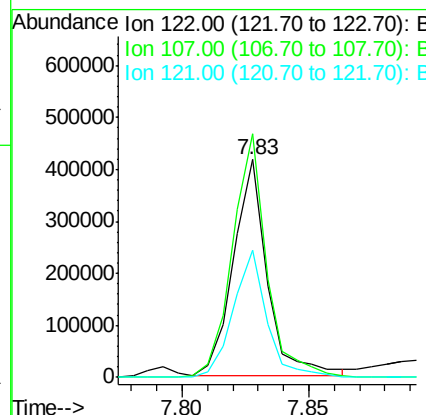
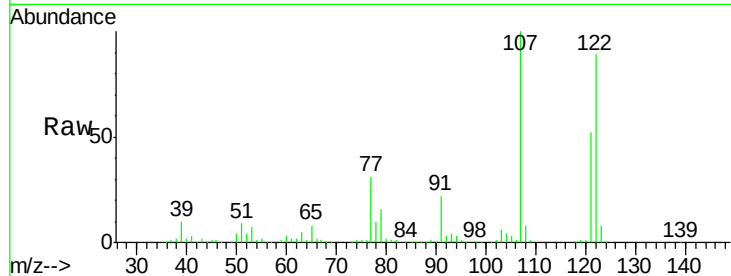
#27
 2,4-Dimethylphenol
 Concen: 40.721 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	387897		
107	111.9	91.2	136.8	
121	58.6	46.4	69.6	

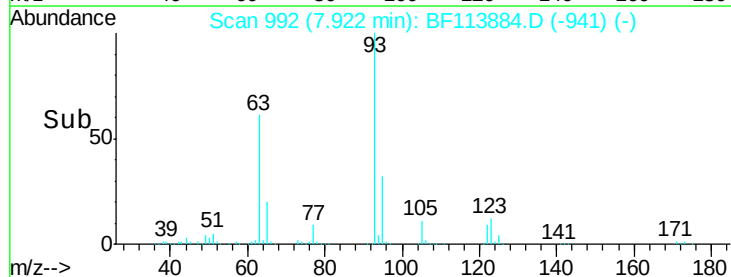
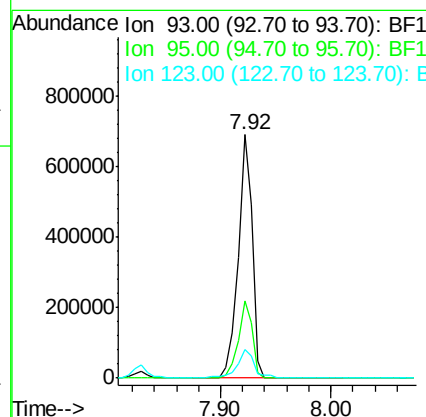
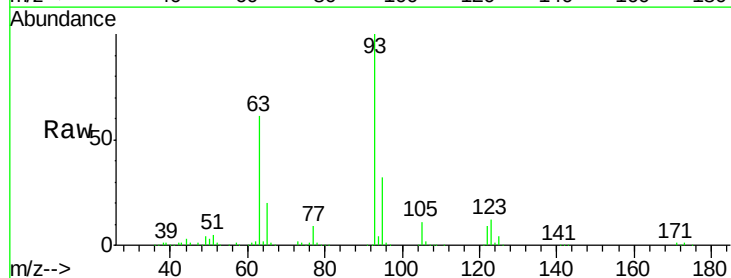
Manual Integrations
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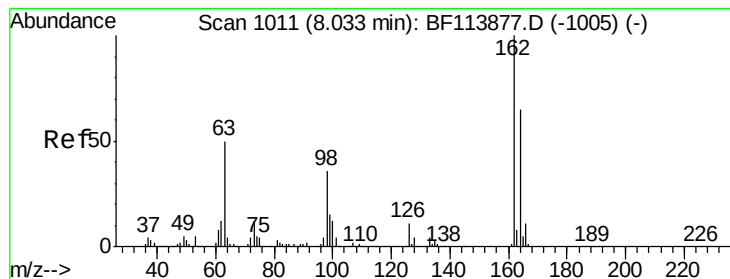
Sohil
 4/25/2019 6:06:08 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.782 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	616727		
95	31.8	25.8	38.6	
123	11.7	9.0	13.6	





#29

2,4-Dichlorophenol

Concen: 41.056 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

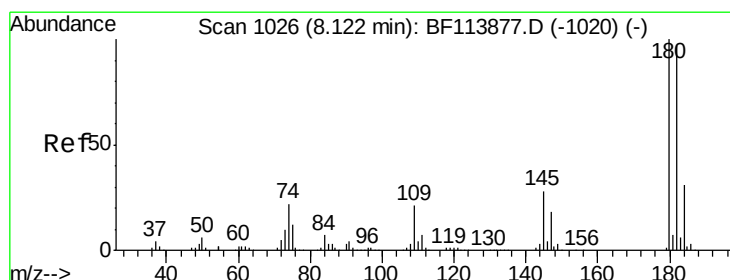
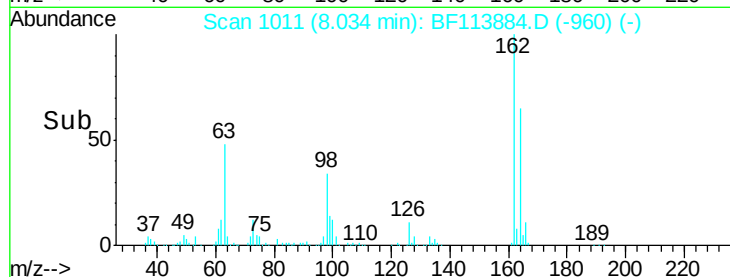
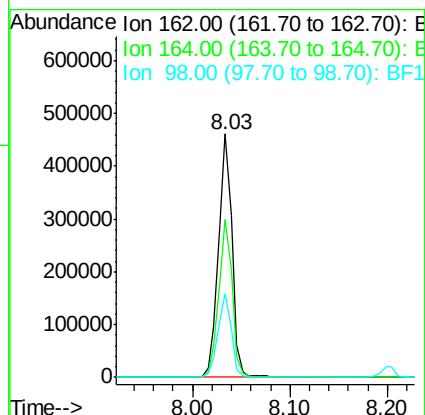
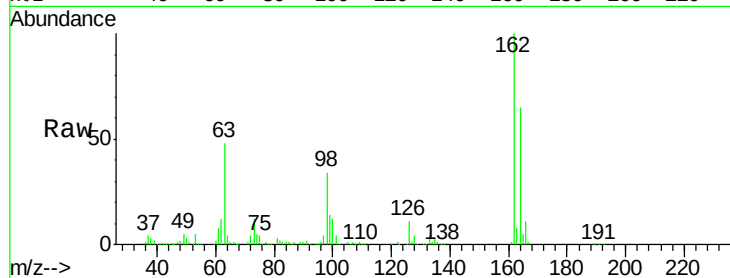
ClientSampleId :

SSTDCCC040

Tgt Ion:	162	Resp:	447223
Ion Ratio	Lower	Upper	
162	100		
164	64.9	43.7	83.7
98	34.3	15.5	55.5

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 40.720 ng

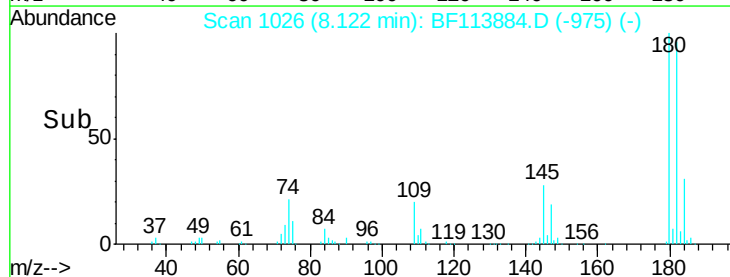
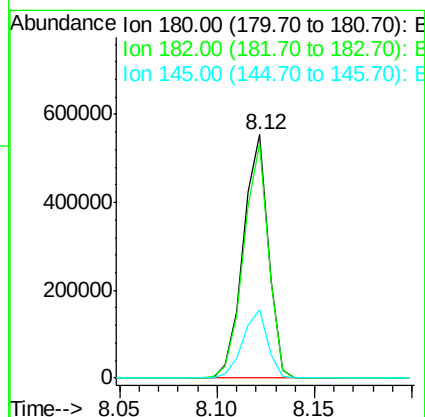
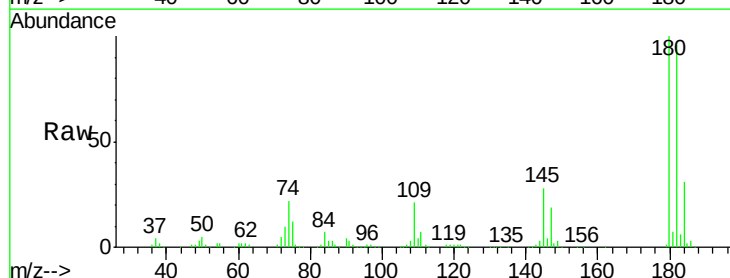
RT: 8.12 min Scan# 1026

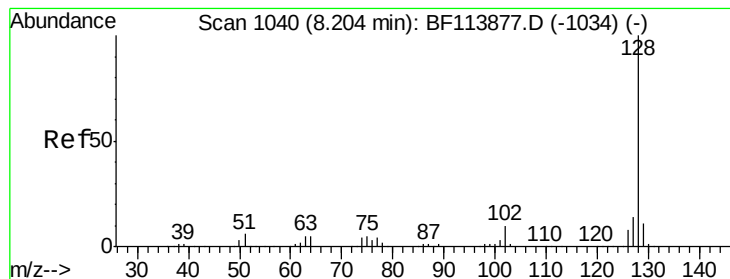
Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Tgt Ion:	180	Resp:	494575
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.4	113.0
145	28.0	23.0	34.4





#31

Naphthalene

Concen: 40.810 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1388383

Ion Ratio Lower Upper

128 100

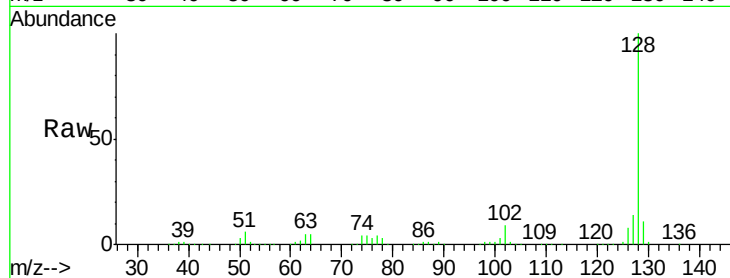
129 11.3 9.4 14.0

127 13.6 10.8 16.2

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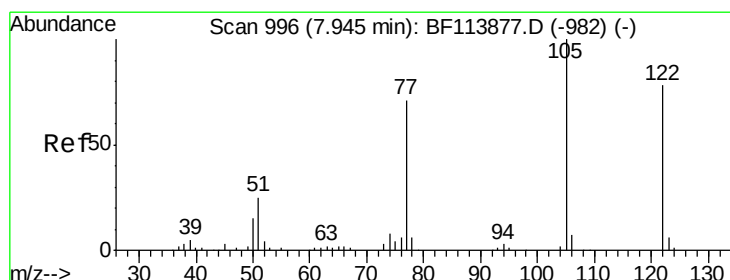
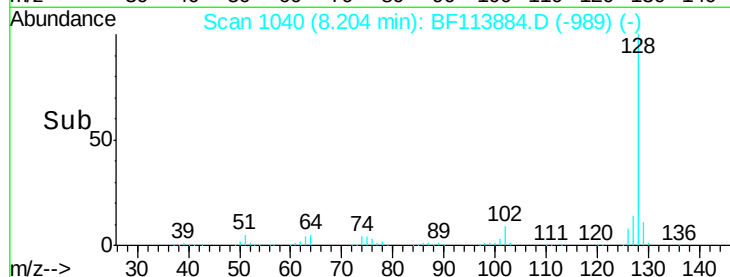
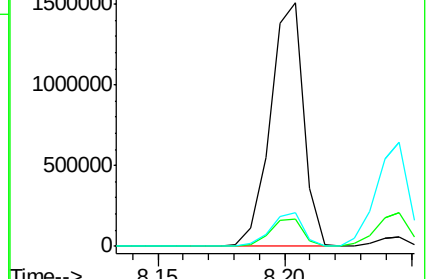
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.767 ng m

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

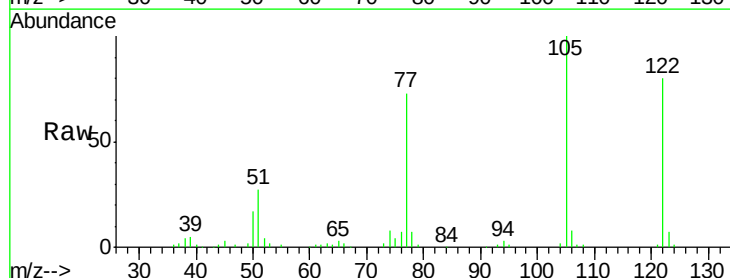
Tgt Ion:122 Resp: 300848

Ion Ratio Lower Upper

122 100

105 124.4 104.3 144.3

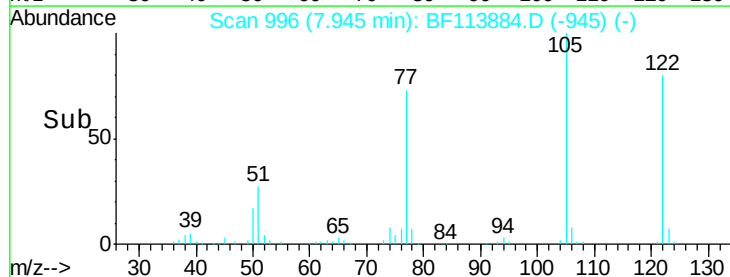
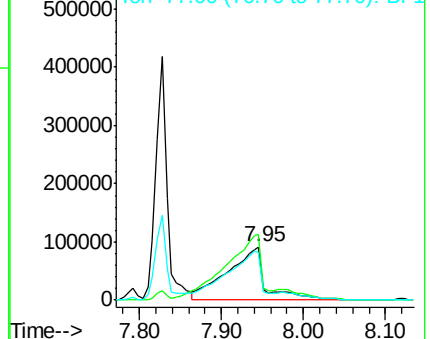
77 90.9 70.4 110.4

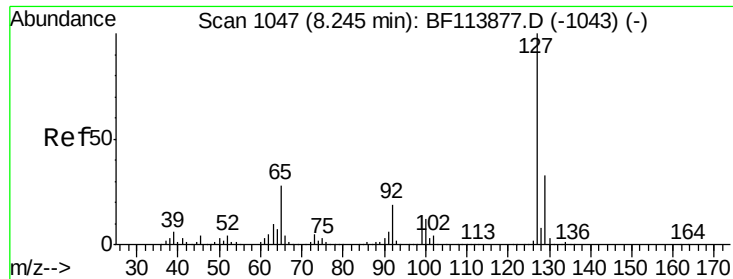


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





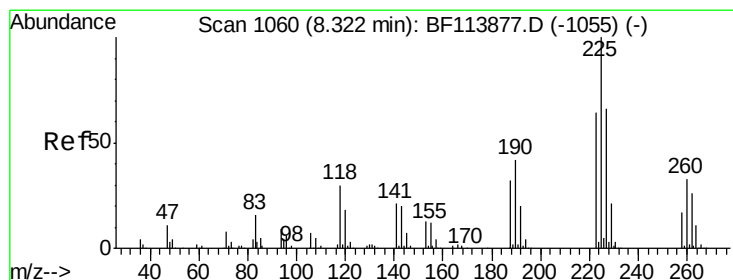
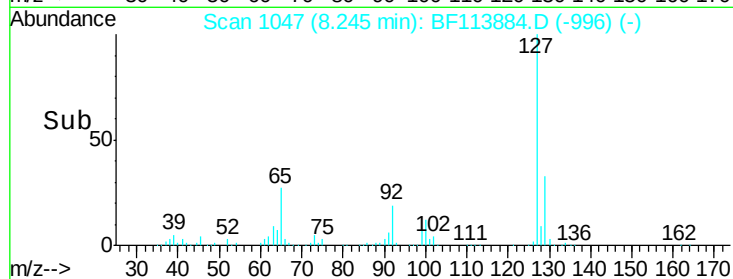
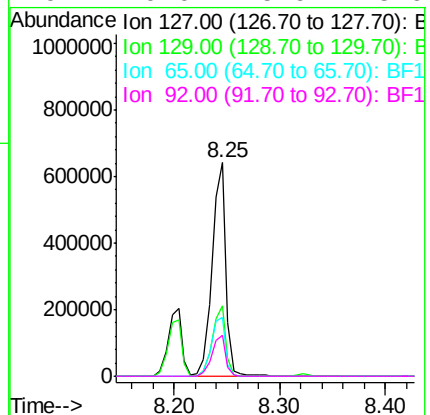
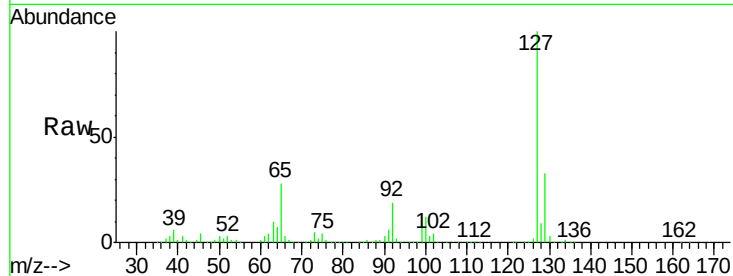
#33
4-Chloroaniline
Concen: 40.547 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.9	26.4	39.6
65	27.5	24.9	37.3
92	19.0	15.9	23.9

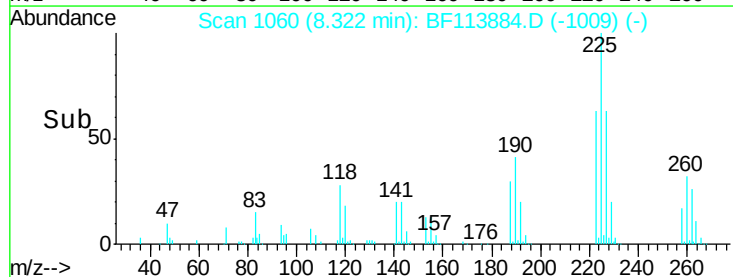
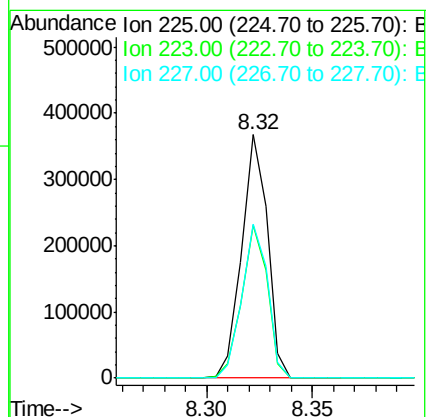
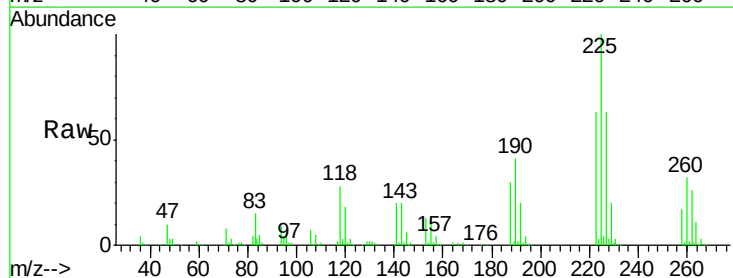
Manual Integrations
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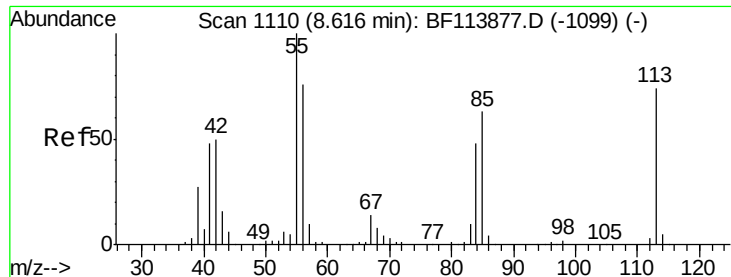
Sohil
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#34
Hexachlorobutadiene
Concen: 40.928 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.9	51.1	76.7
227	63.0	49.9	74.9





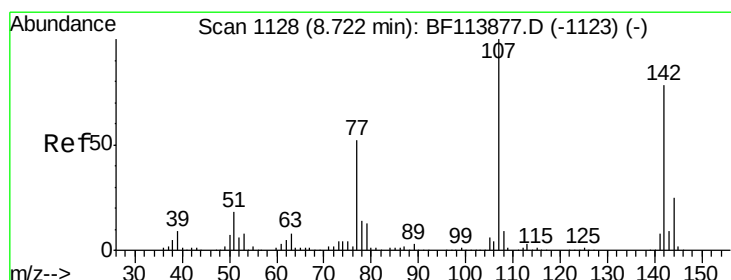
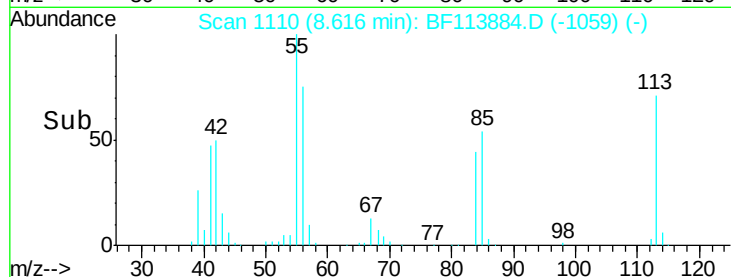
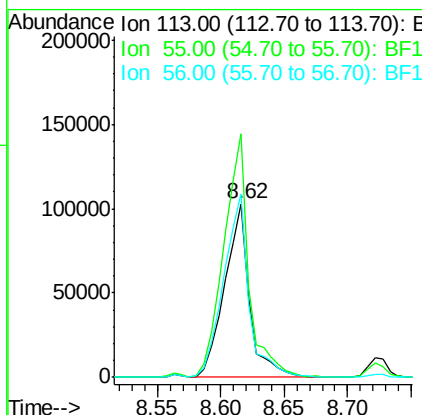
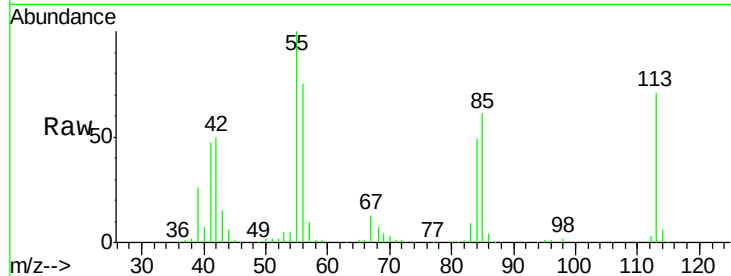
#35
 Caprolactam
 Concen: 40.387 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	139948		
55	140.3	128.6	168.6	
56	105.8	91.9	131.9	

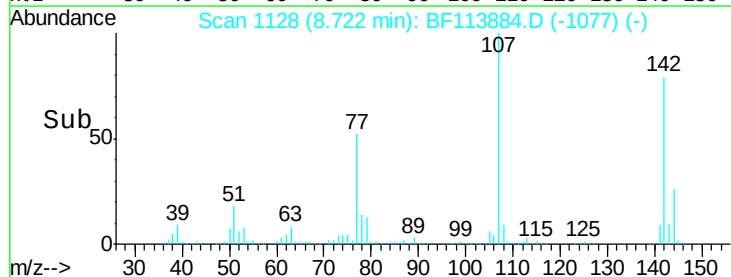
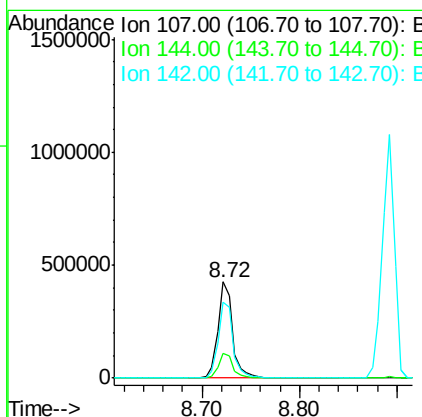
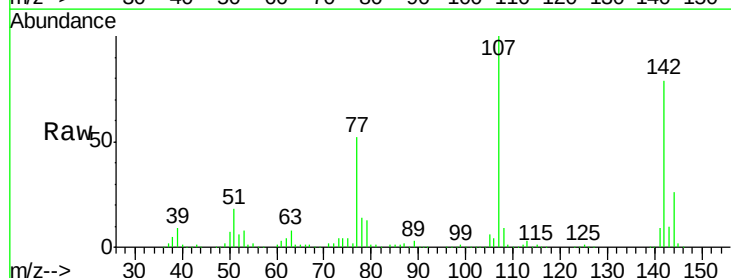
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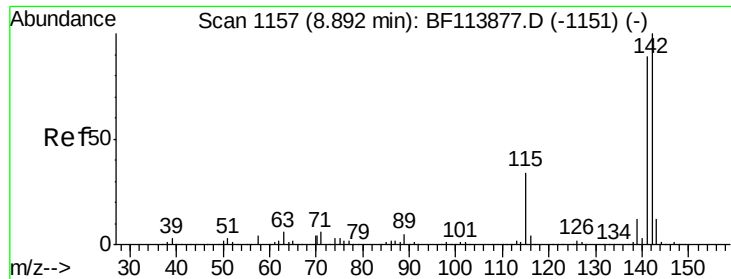
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 40.808 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	440393		
144	25.9	20.5	30.7	
142	79.1	64.2	96.4	





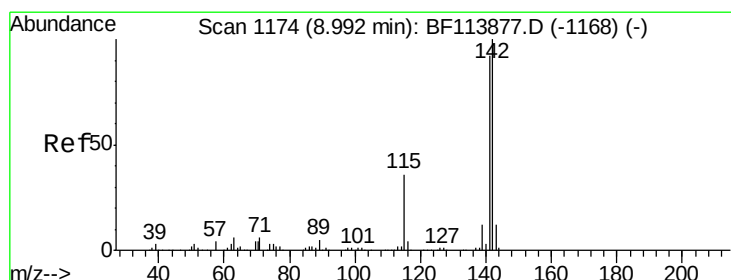
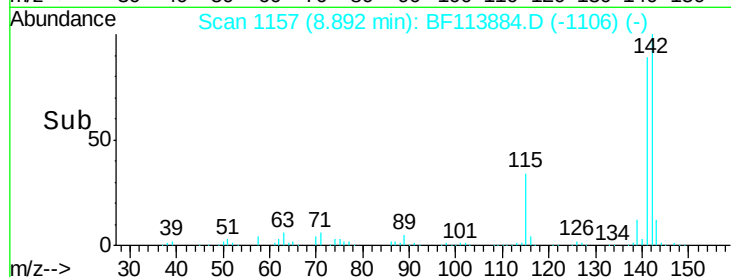
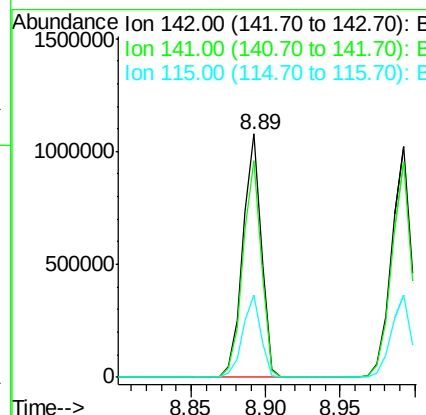
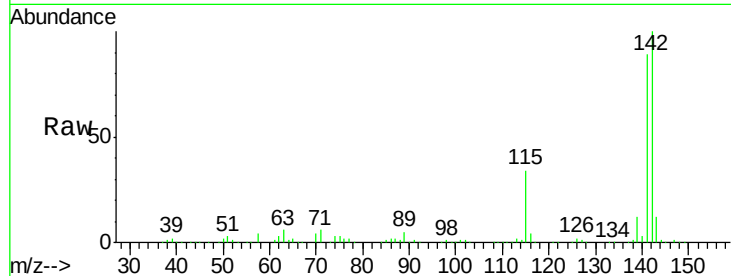
#37
 2-Methylnaphthalene
 Concen: 40.740 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	934631		
141	89.3	70.4	105.6	
115	34.1	26.3	39.5	

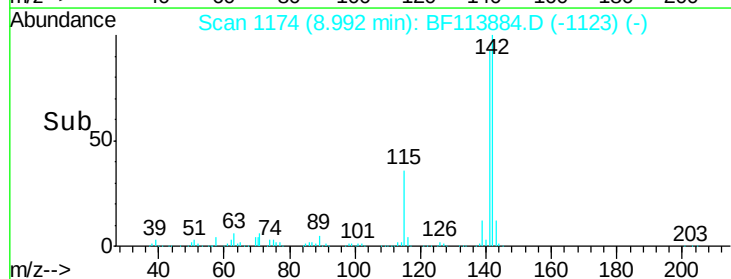
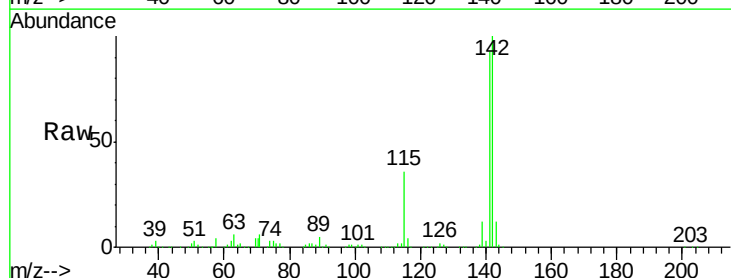
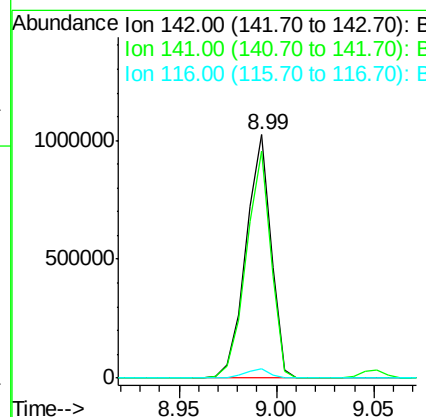
Manual Integrations
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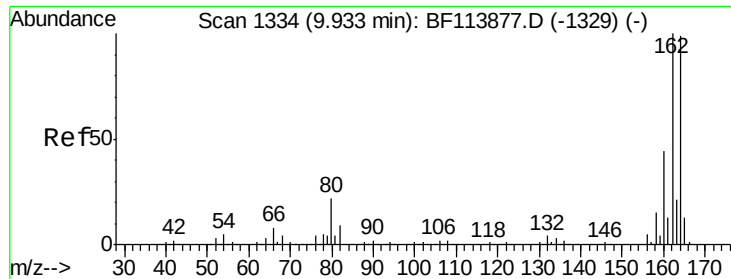
Sohil
 4/25/2019 6:06:08 PM



#38
 1-Methylnaphthalene
 Concen: 41.113 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

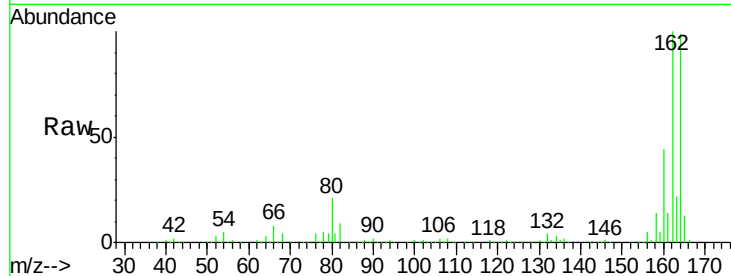
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	910339		
141	93.0	72.3	108.5	
116	3.7	3.0	4.4	





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

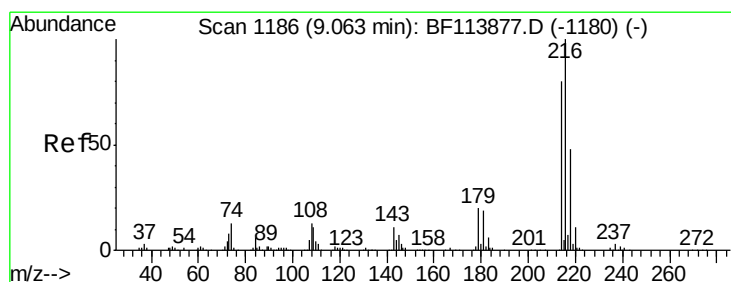
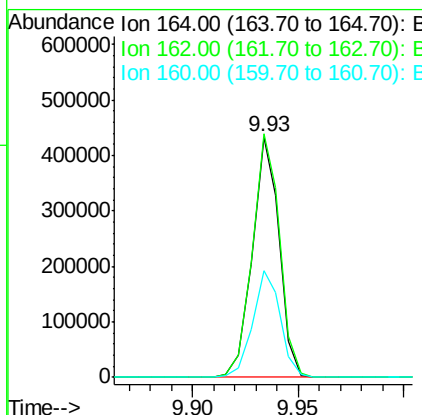
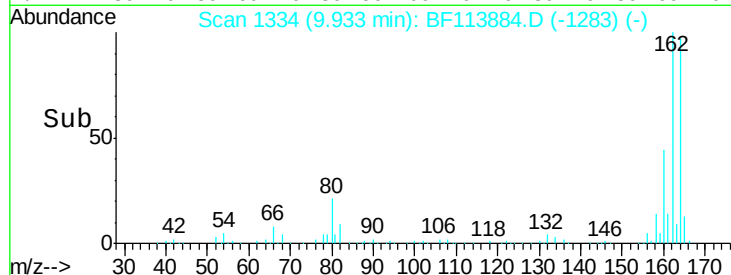
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	81.1	121.7	
160	44.2	35.8	53.6	

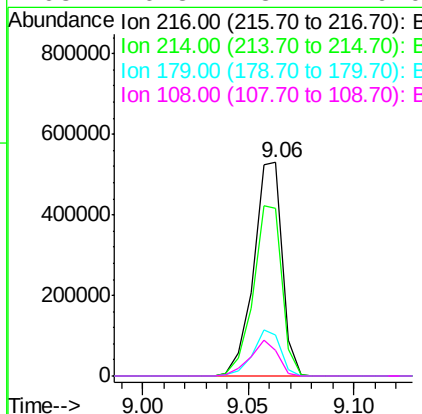
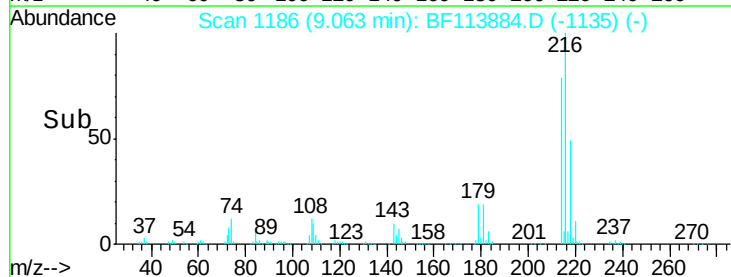
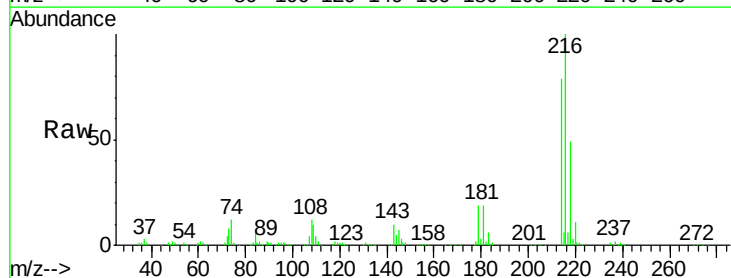
Manual Integrations
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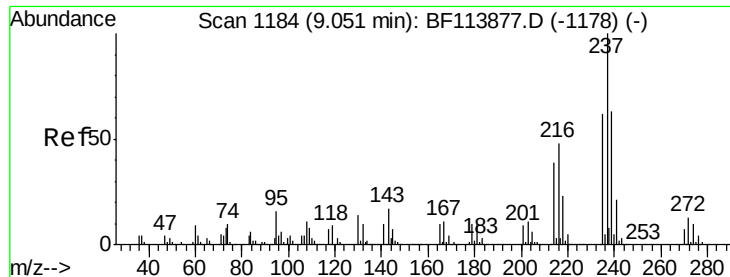
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.424 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.5	95.3	
179	20.8	16.1	24.1	
108	16.3	13.4	20.0	





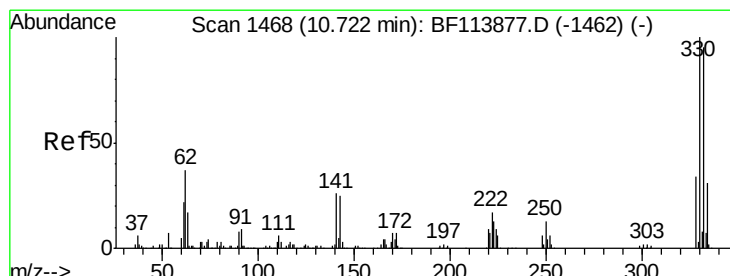
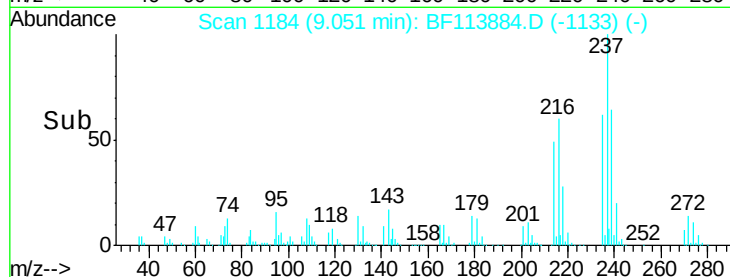
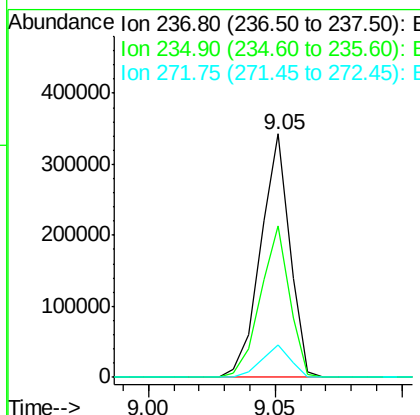
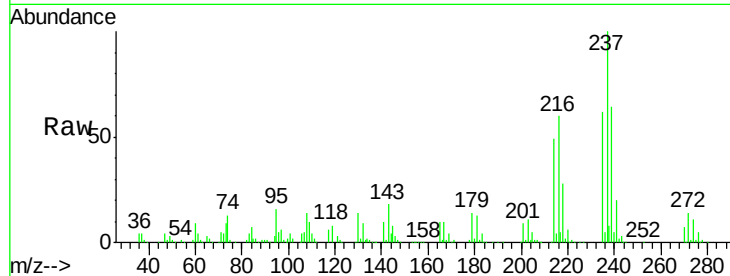
#41
Hexachlorocyclopentadiene
Concen: 39.833 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.3	42.6	82.6
272	13.6	0.0	33.8

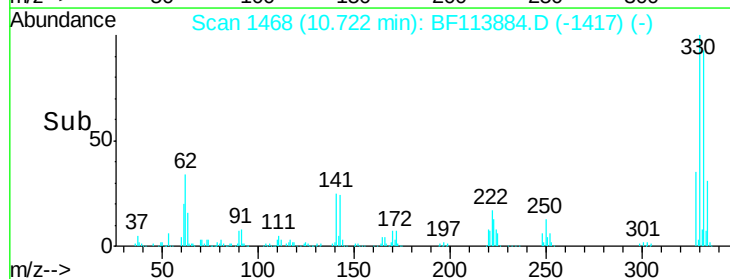
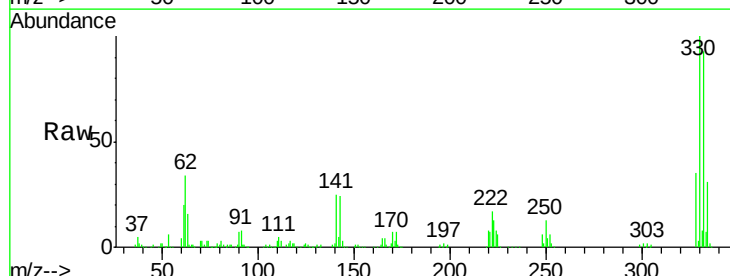
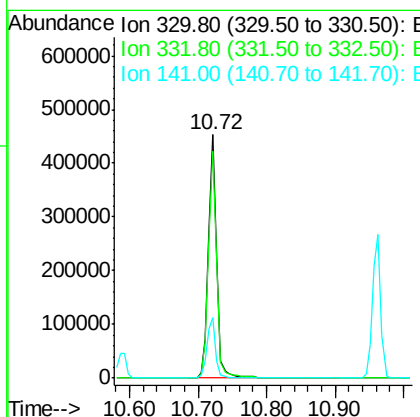
Manual Integrations
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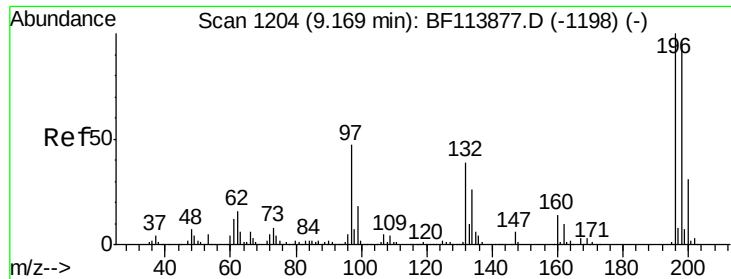
Sohil
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#42
2,4,6-Tribromophenol
Concen: 85.677 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.0	77.5	116.3
141	25.7	22.2	33.2





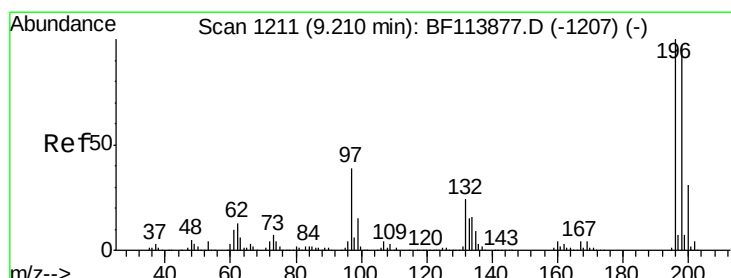
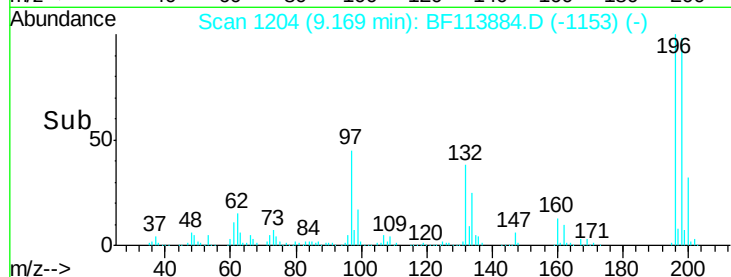
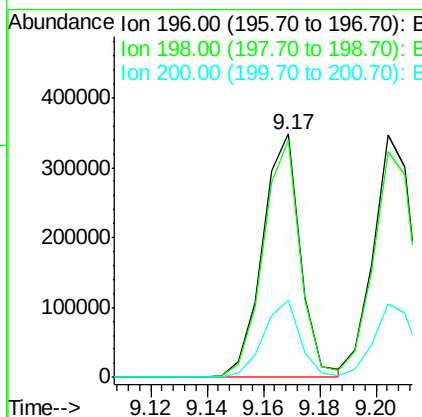
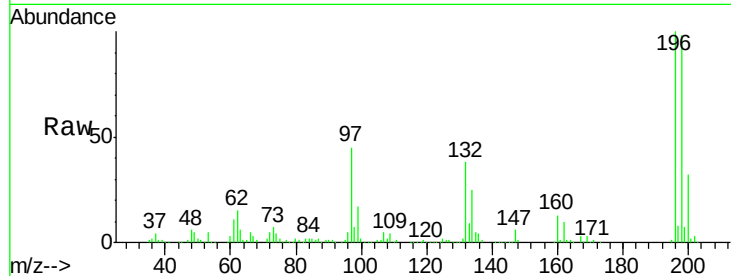
#43
 2,4,6-Trichlorophenol
 Concen: 41.115 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	323977		
198	97.5	75.6	113.4	
200	32.0	24.7	37.1	

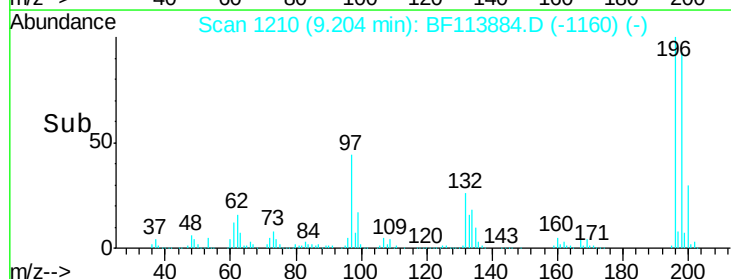
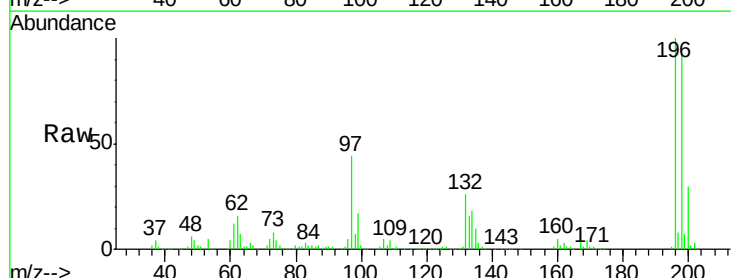
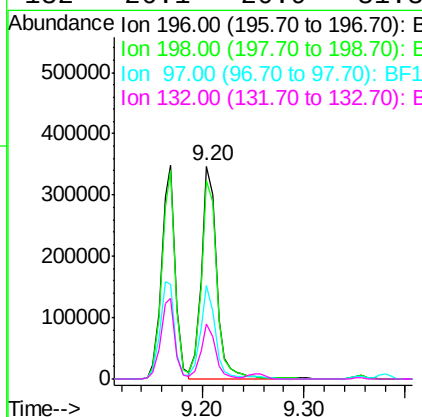
Manual Integrations
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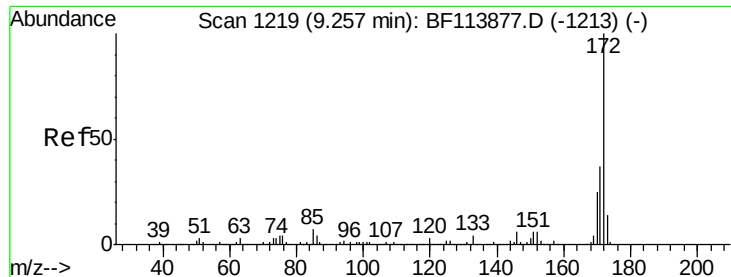
Sohil
 4/25/2019 6:06:08 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.113 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	363377		
198	93.0	76.2	114.4	
97	43.6	35.8	53.8	
132	26.1	20.9	31.3	





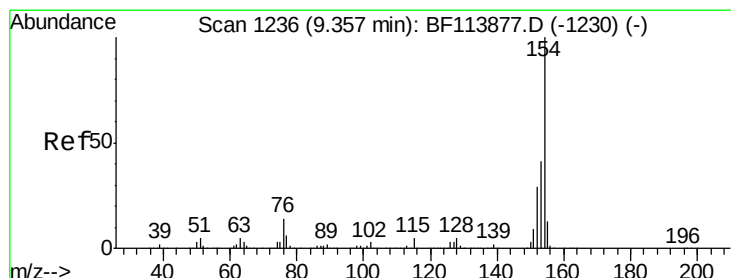
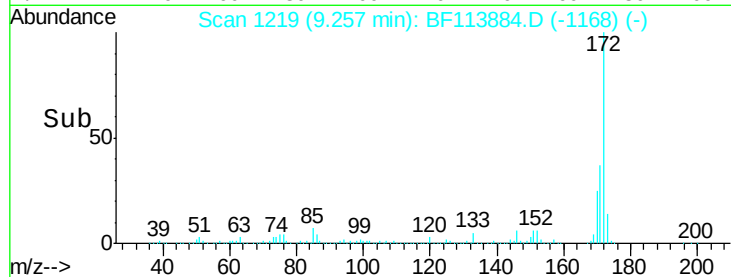
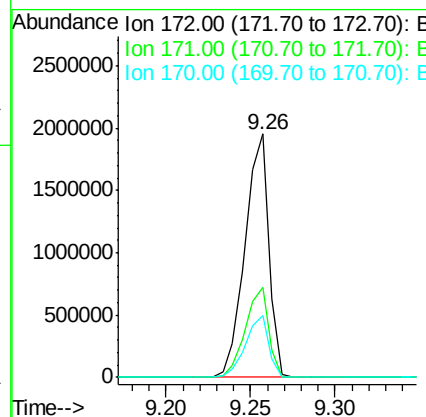
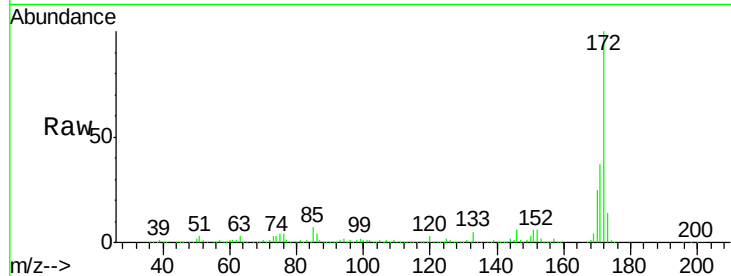
#45
2-Fluorobiphenyl
Concen: 78.561 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	25.4	19.9	29.9

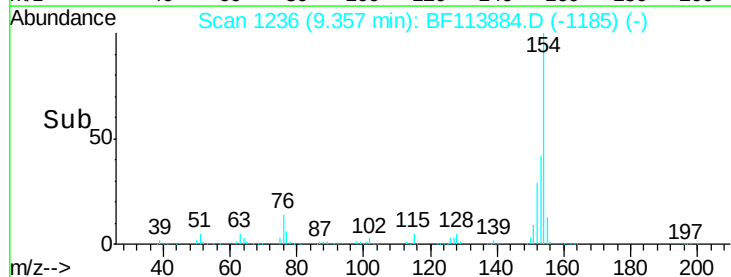
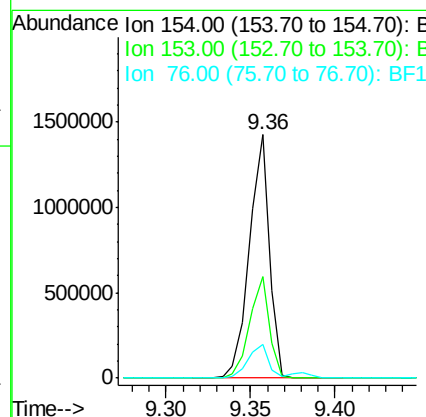
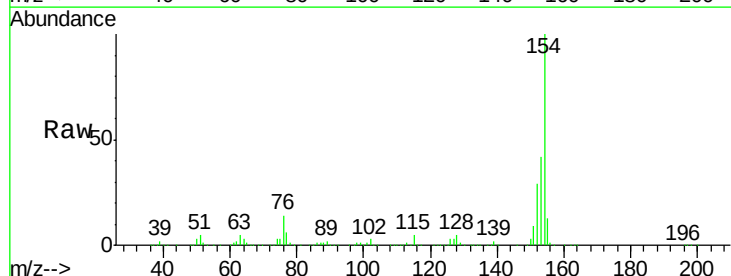
Manual Integrations
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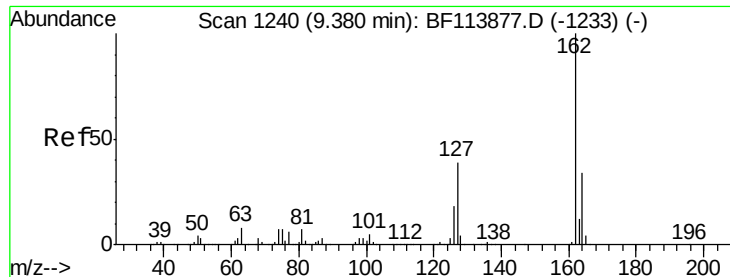
Sohil
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#46
1,1'-Biphenyl
Concen: 40.578 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.8	60.8
76	13.6	0.0	35.2





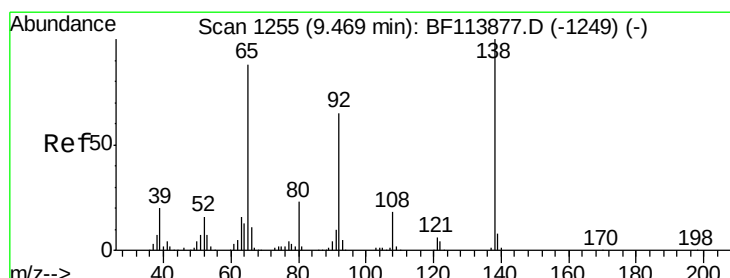
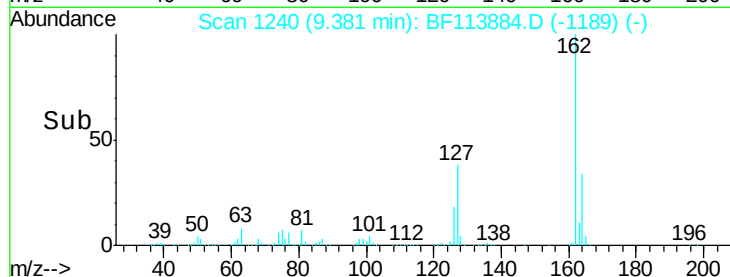
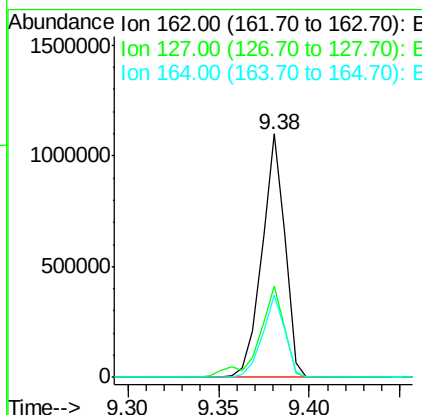
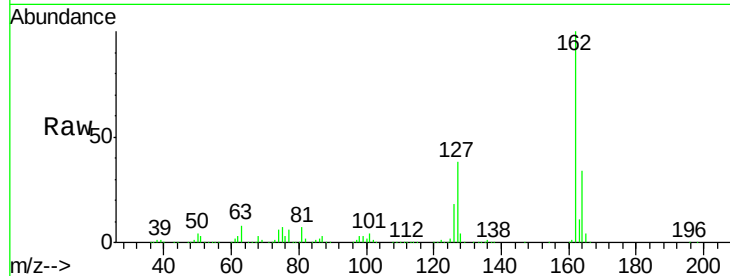
#47
 2-Chloronaphthalene
 Concen: 40.771 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	37.7	29.3	43.9
164	33.7	27.1	40.7

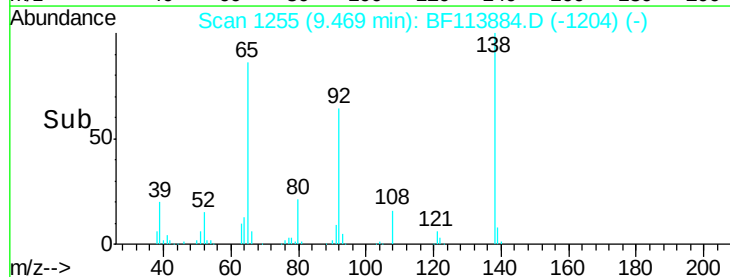
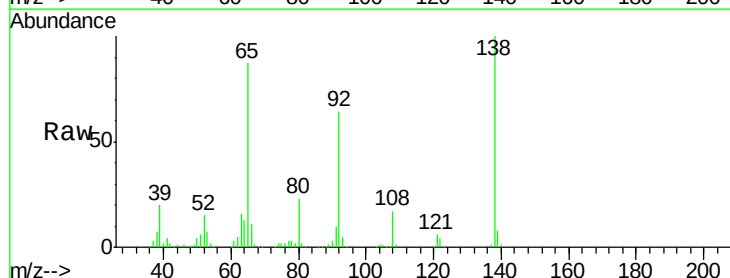
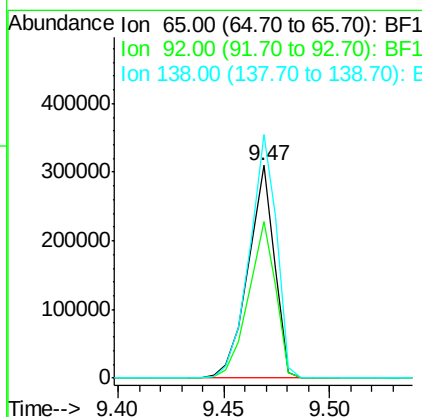
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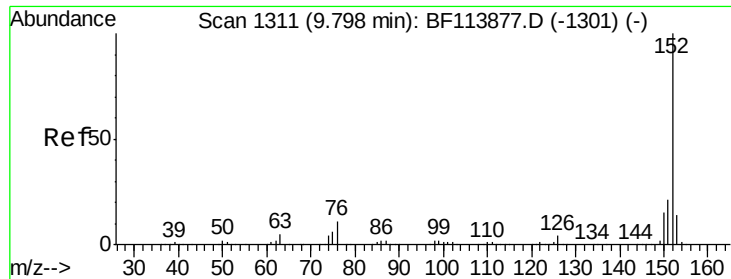
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 4/25/2019 6:06:08 PM



#48
 2-Nitroaniline
 Concen: 43.408 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	73.7	57.4	86.0
138	114.6	85.4	128.0





#49

Acenaphthylene

Concen: 40.691 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113884.D

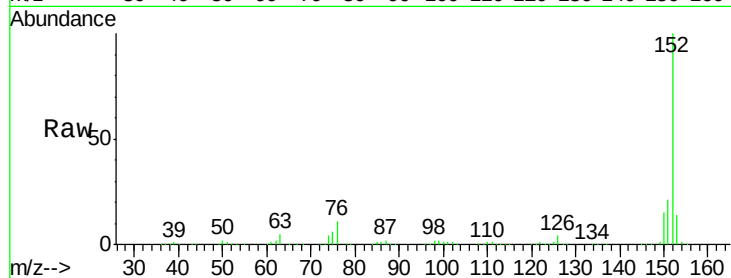
Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 1511819

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

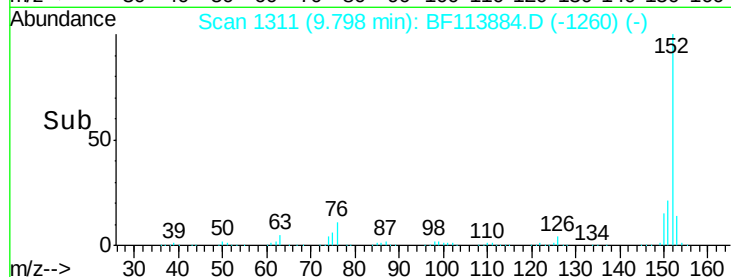
153 13.8 11.0 16.6

Manual Integrations

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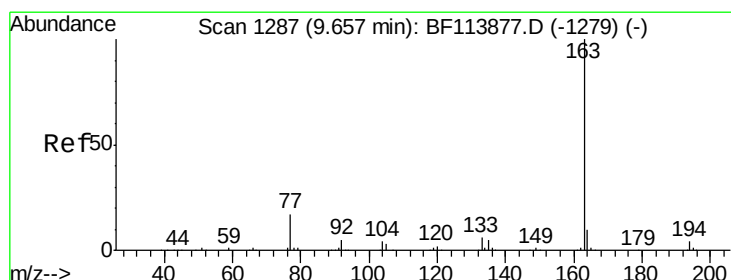
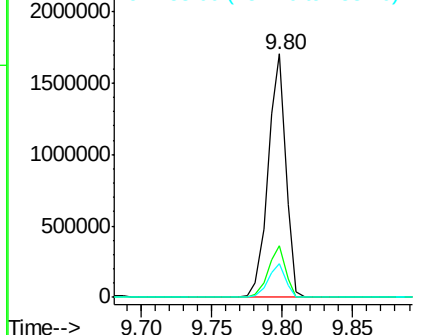
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.655 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

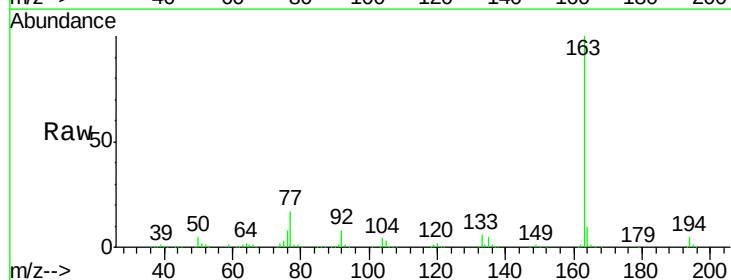
Tgt Ion:163 Resp: 1123237

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

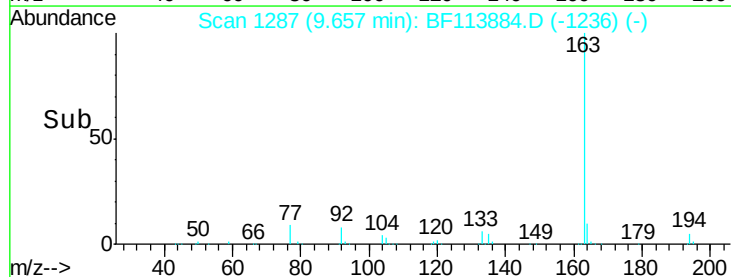
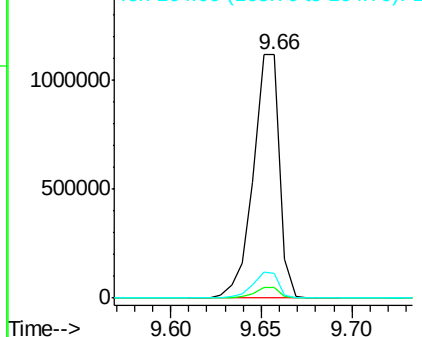
164 10.0 8.5 12.7

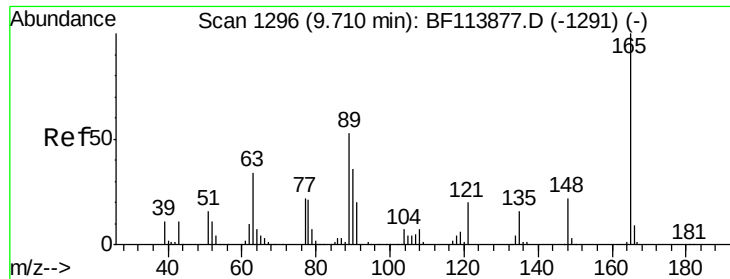


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





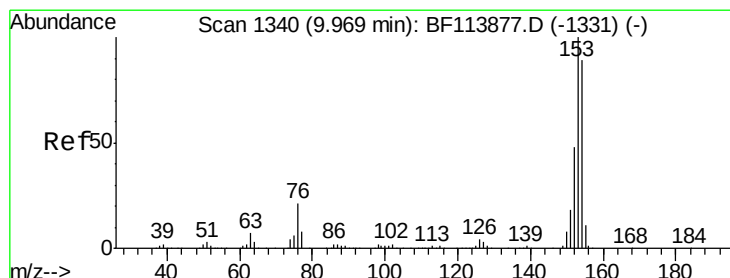
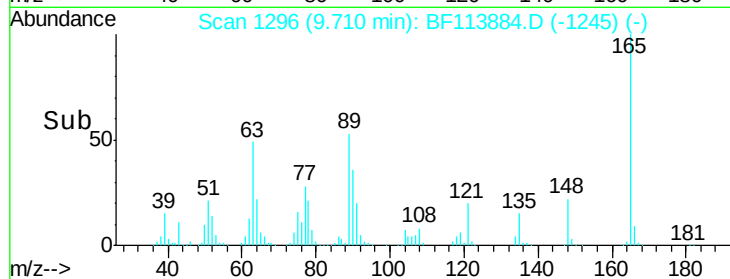
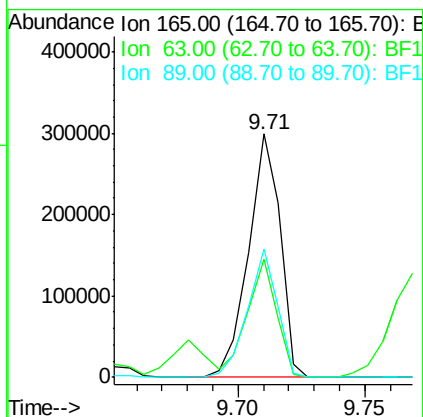
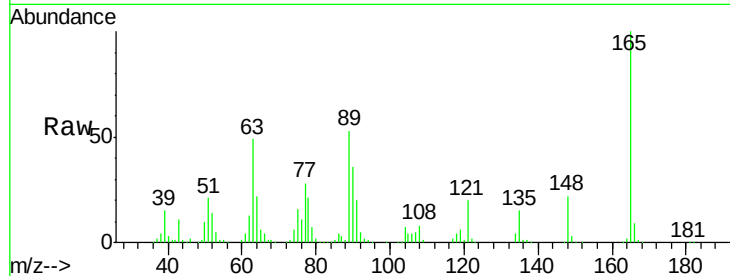
#51
 2,6-Dinitrotoluene
 Concen: 44.041 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.8	33.8	50.8
89	52.6	38.2	57.2

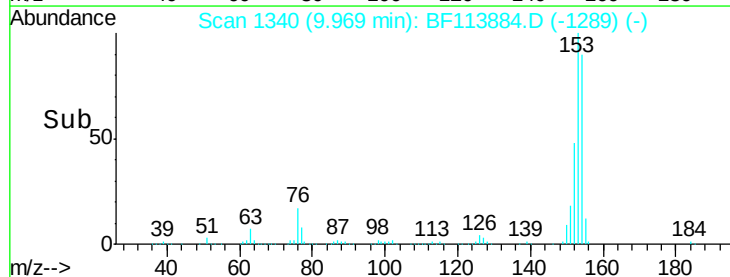
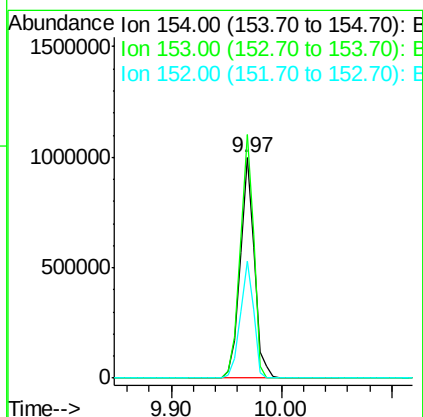
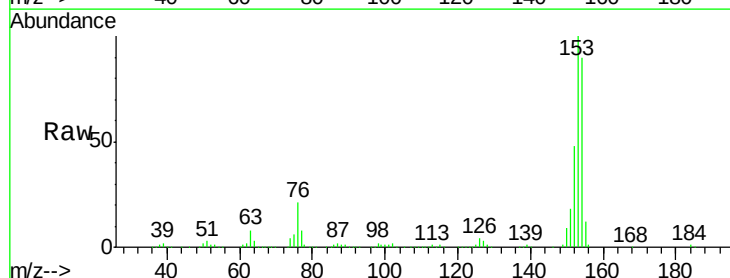
Manual Integrations
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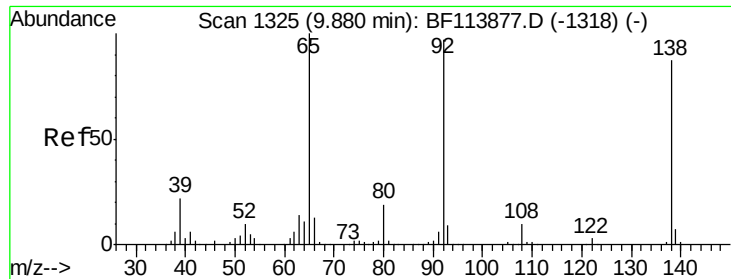
Sohil
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#52
 Acenaphthene
 Concen: 41.065 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	110.7	87.2	130.8
152	53.3	42.3	63.5





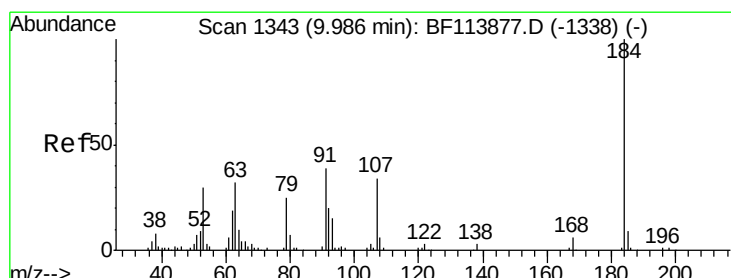
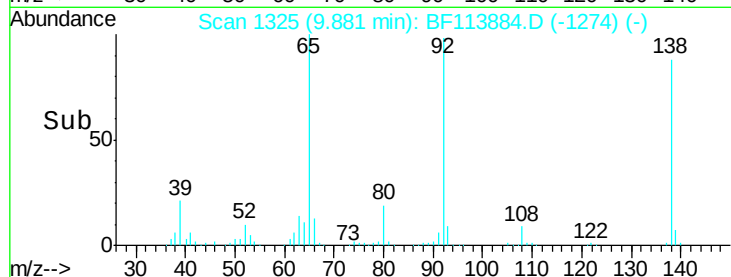
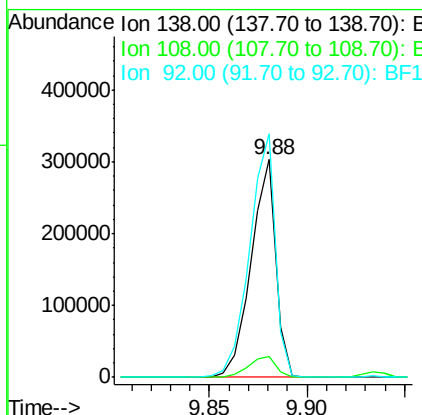
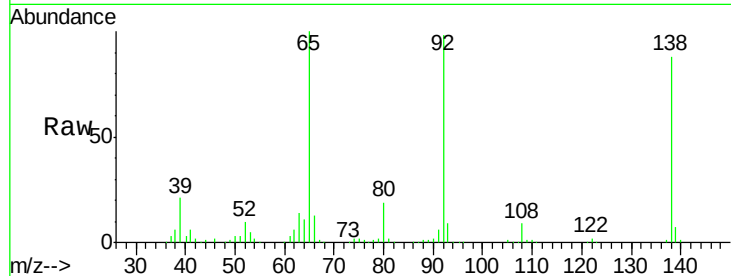
#53
 3-Nitroaniline
 Concen: 42.854 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	266921		
108	9.8	9.4	14.2	
92	111.8	94.1	141.1	

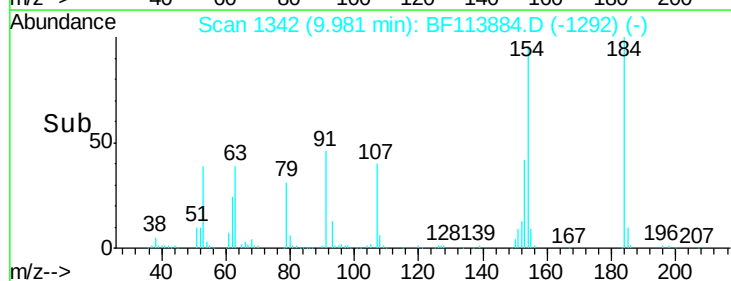
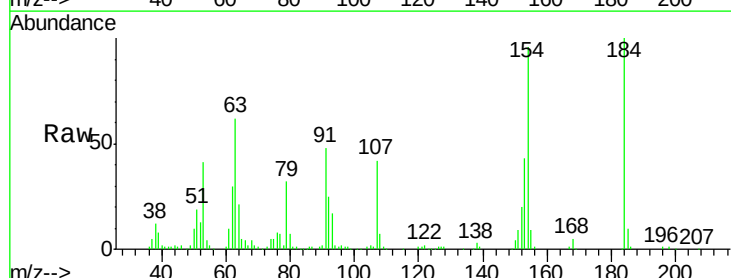
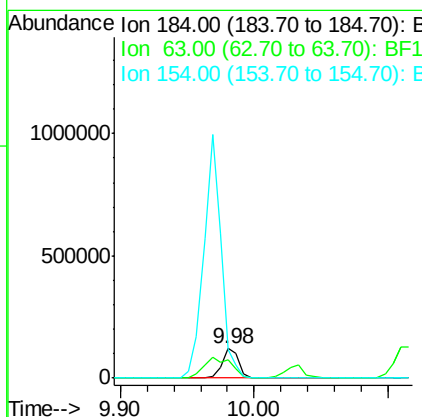
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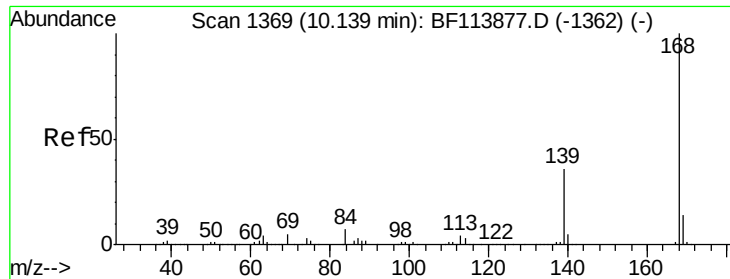
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 44.642 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	103961		
63	62.5	54.6	81.8	
154	96.2	218.6	328.0	





#55

Dibenzofuran

Concen: 41.223 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 1355856

Ion Ratio Lower Upper

168 100

139 35.9 27.8 41.6

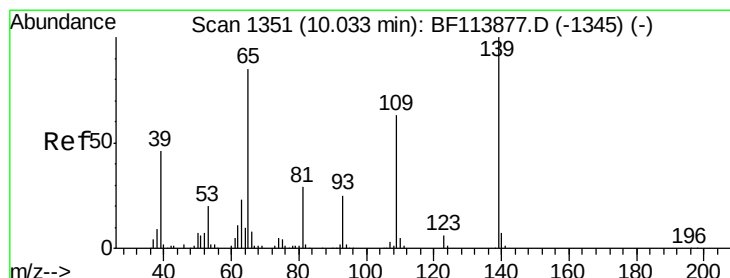
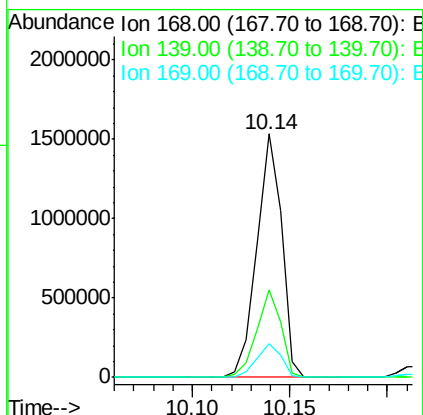
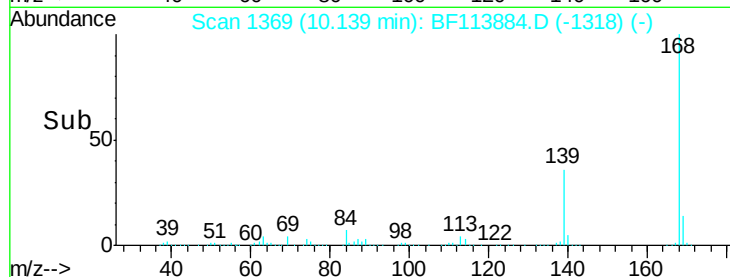
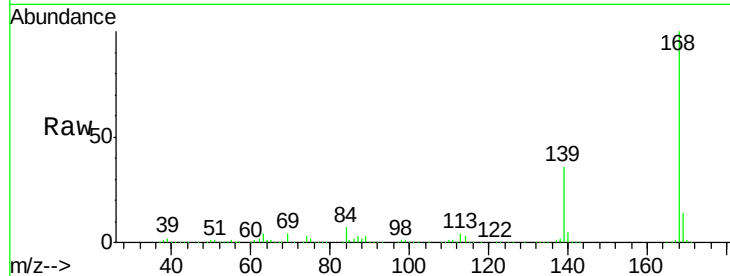
169 13.9 11.0 16.6

Manual Integrations

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#56

4-Nitrophenol

Concen: 43.987 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

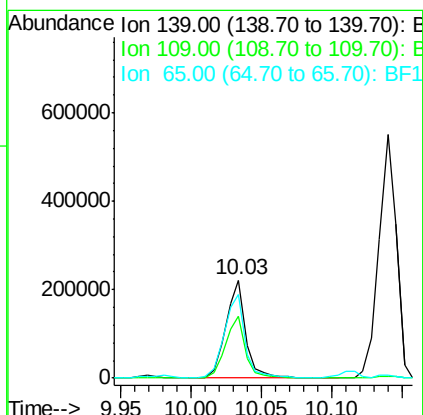
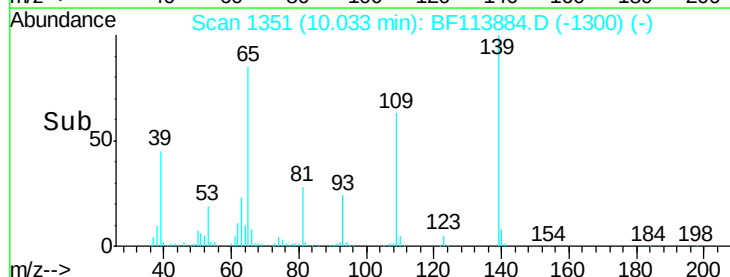
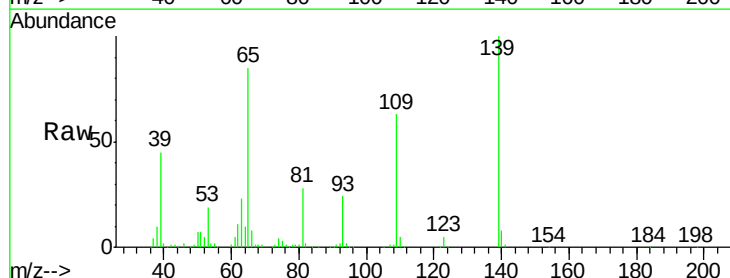
Tgt Ion:139 Resp: 216926

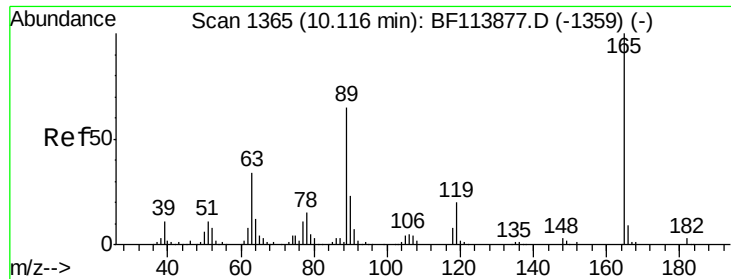
Ion Ratio Lower Upper

139 100

109 62.6 42.9 82.9

65 85.0 64.4 104.4





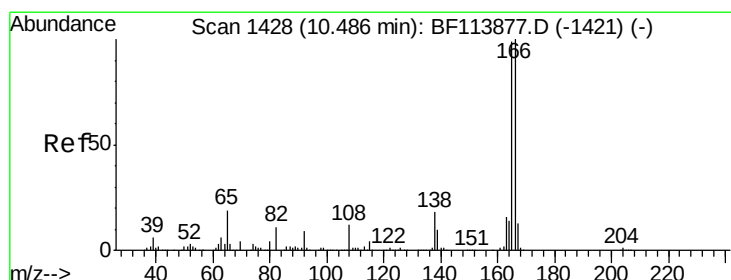
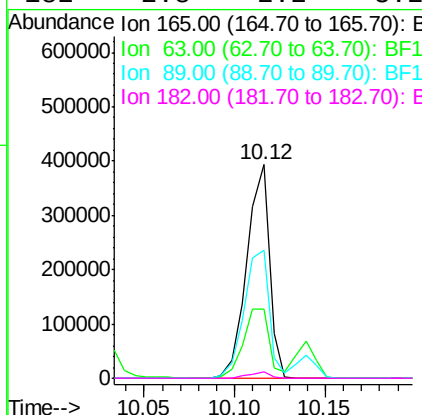
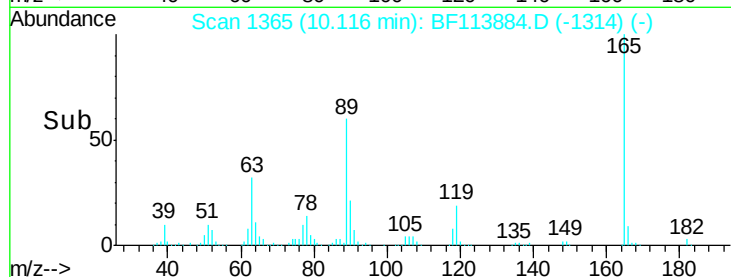
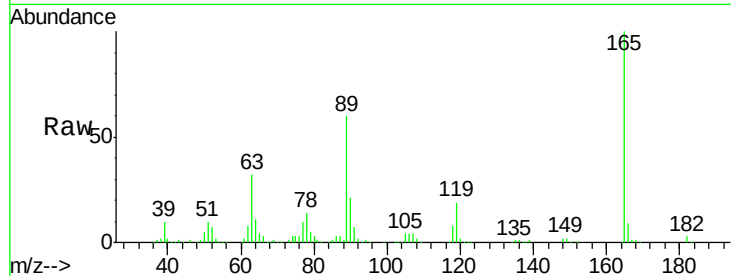
#57
2,4-Dinitrotoluene
Concen: 45.718 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		342040		
63	32.2	27.4	41.0		
89	59.8	51.8	77.6		
182	2.8	2.2	3.2		

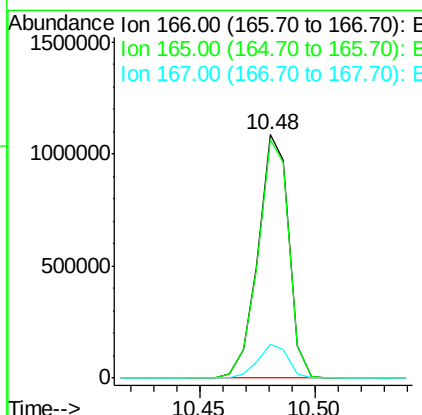
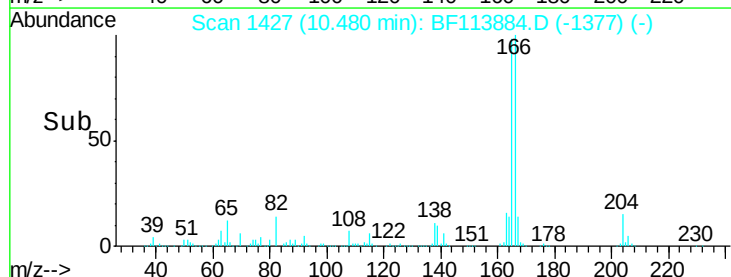
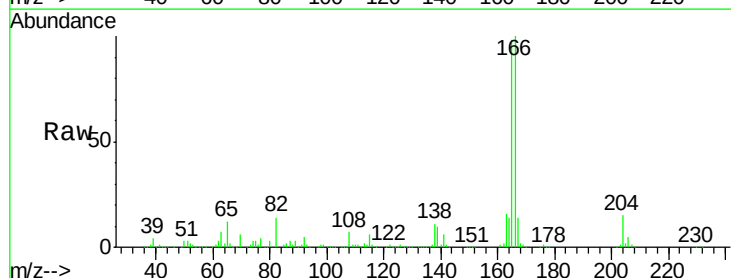
Manual Integrations
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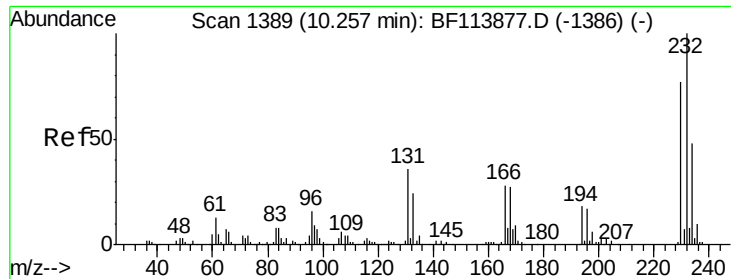
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#58
Fluorene
Concen: 40.648 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1006544		
165	98.1	78.4	117.6		
167	13.8	10.9	16.3		





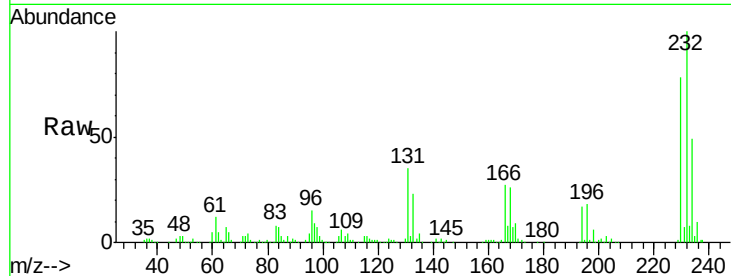
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.048 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

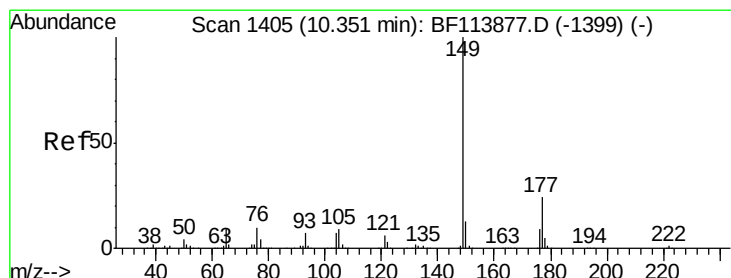
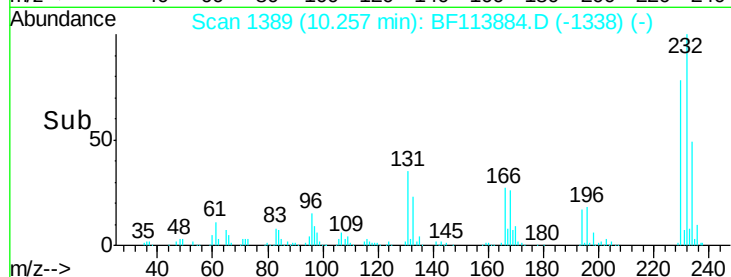
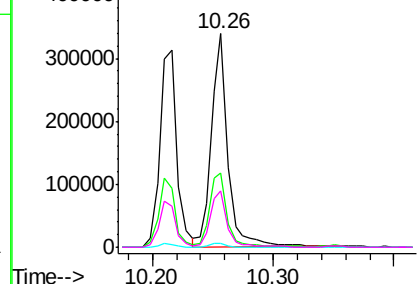
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	318824		
131	38.2	30.2	45.2	
130	1.8	1.5	2.3	
166	27.1	22.2	33.4	

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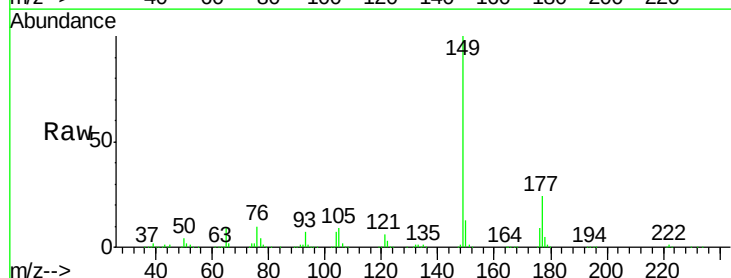


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

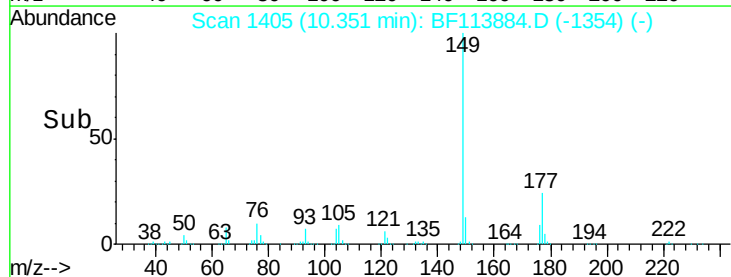
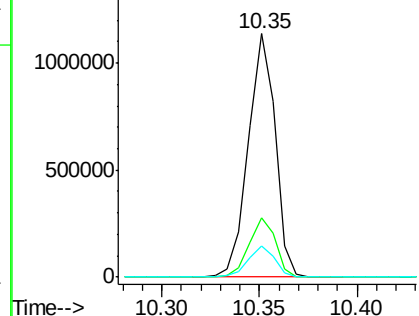


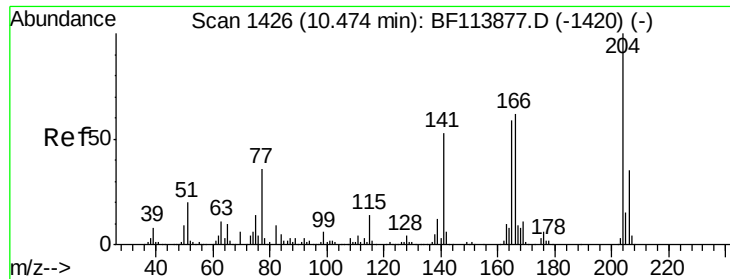
#60
 Diethylphthalate
 Concen: 41.385 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1085800		
177	24.3	19.2	28.8	
150	12.8	10.3	15.5	



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





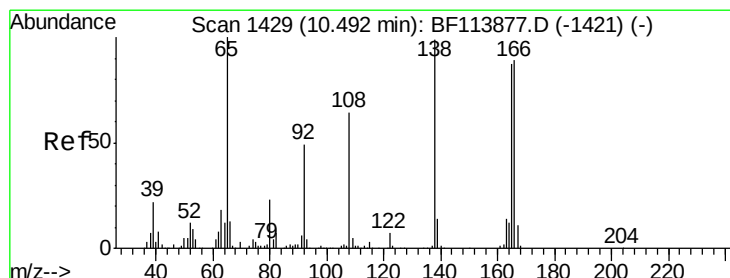
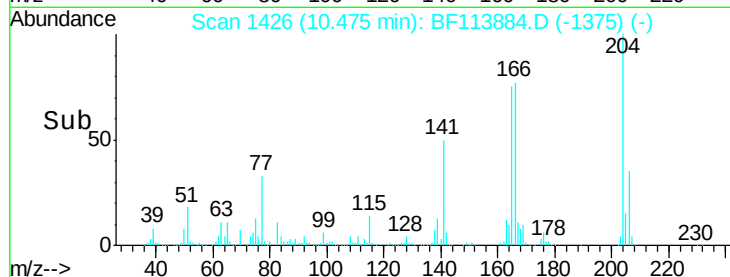
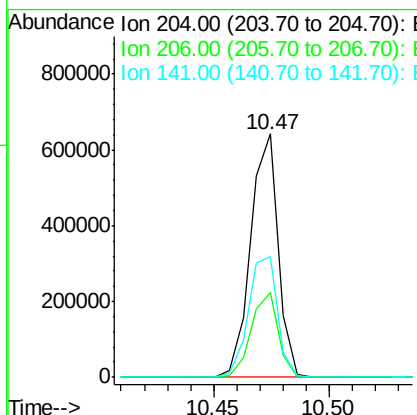
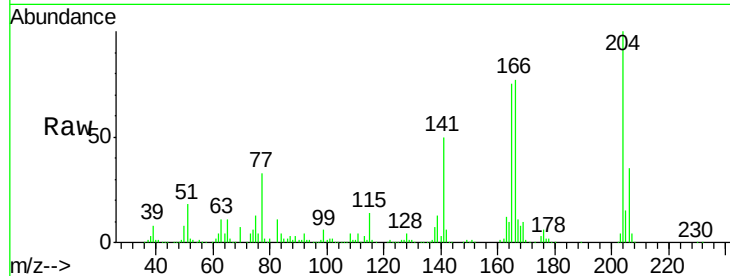
#61
 4-Chlorophenyl-phenylether
 Concen: 40.879 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	204	Resp:	536094
Ion Ratio	Lower	Upper	
204	100		
206	34.9	27.4	41.2
141	49.7	42.6	63.8

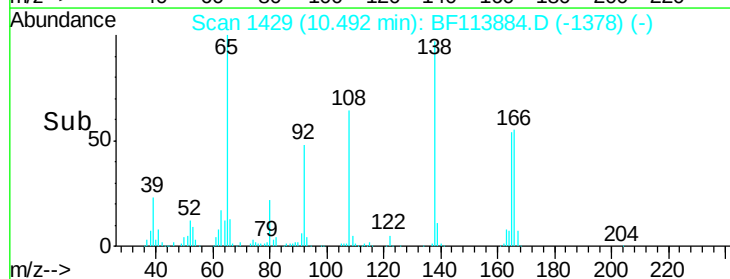
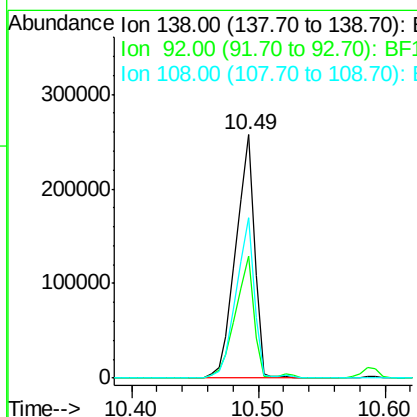
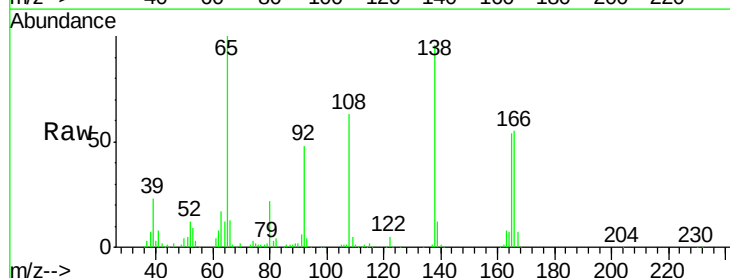
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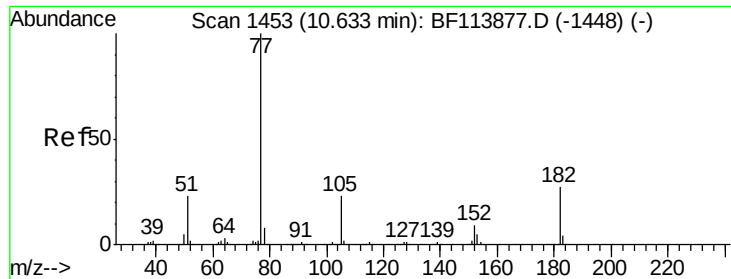
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#62
 4-Nitroaniline
 Concen: 43.115 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion:	138	Resp:	262064
Ion Ratio	Lower	Upper	
138	100		
92	50.1	31.3	71.3
108	65.8	48.9	88.9





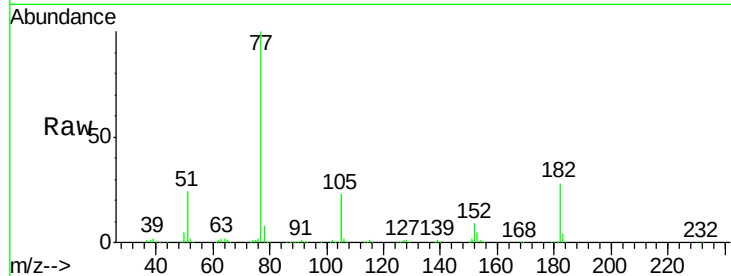
#63
Azobenzene
Concen: 40.913 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	4.4	44.4
105	22.8	2.2	42.2
51	23.6	3.9	43.9

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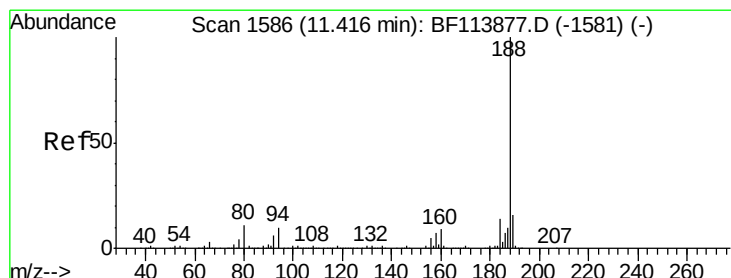
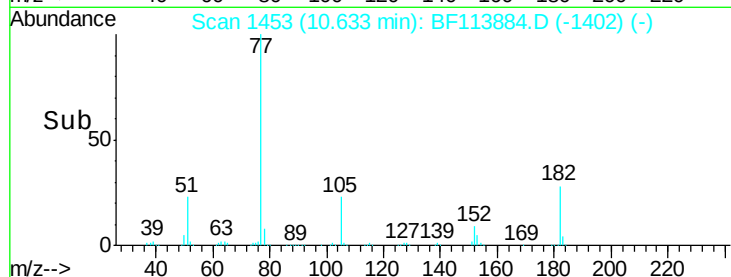
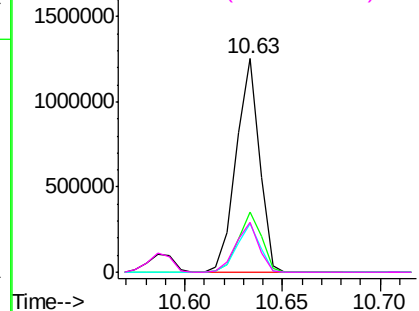
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

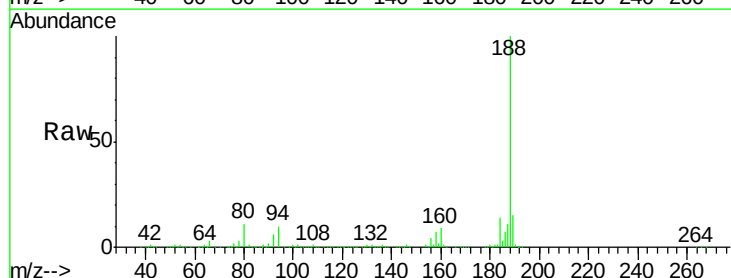
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.4
80	10.6	9.0	13.6

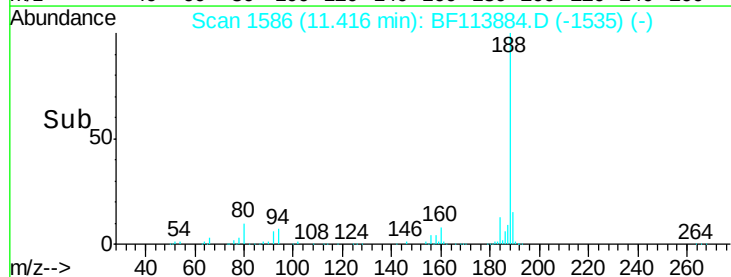
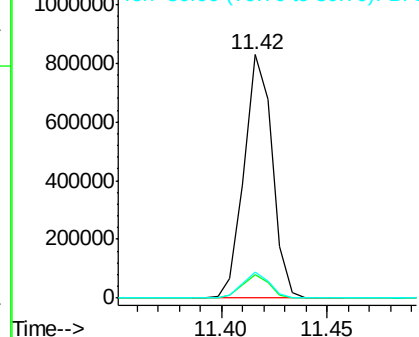


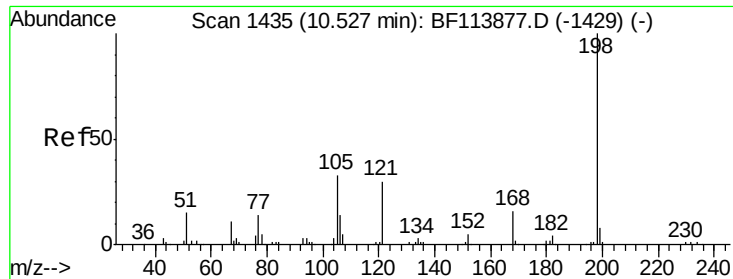
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





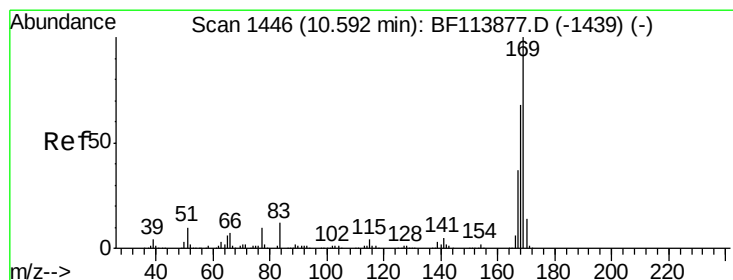
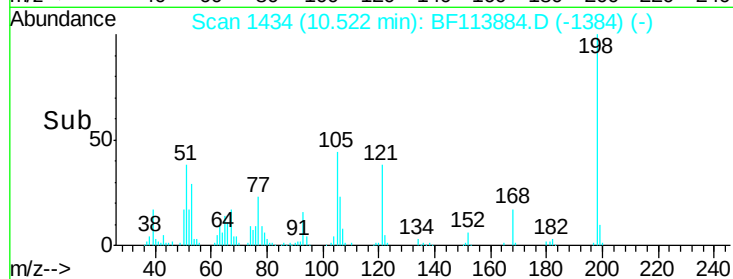
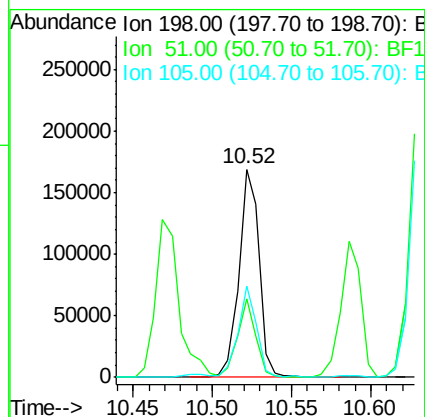
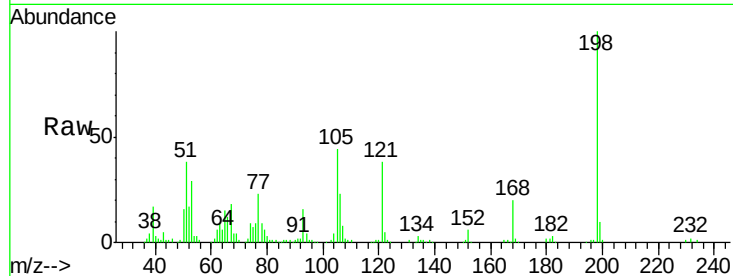
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.488 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.8	11.1	51.1
105	43.7	20.7	60.7

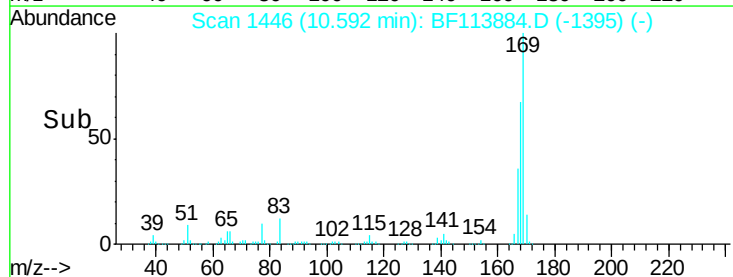
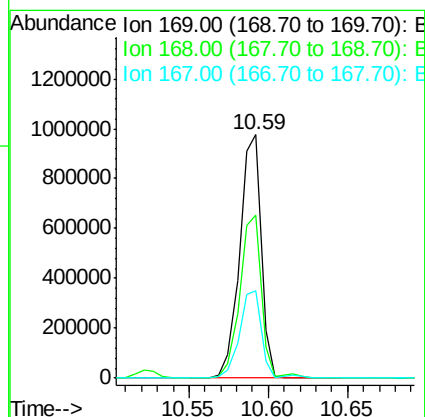
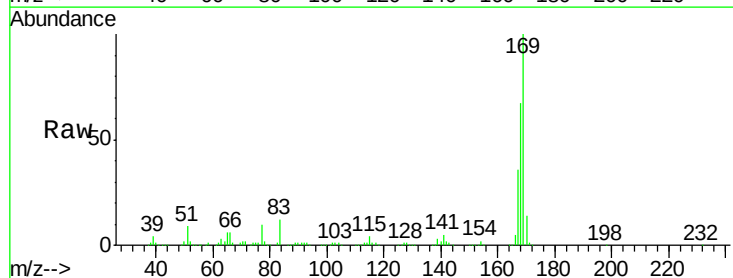
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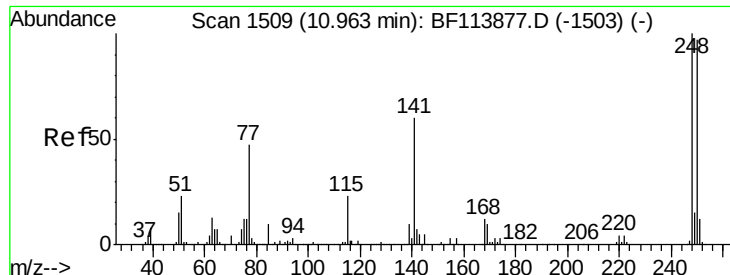
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#66
 n-Nitrosodiphenylamine
 Concen: 39.914 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.3	81.5
167	36.1	29.4	44.0





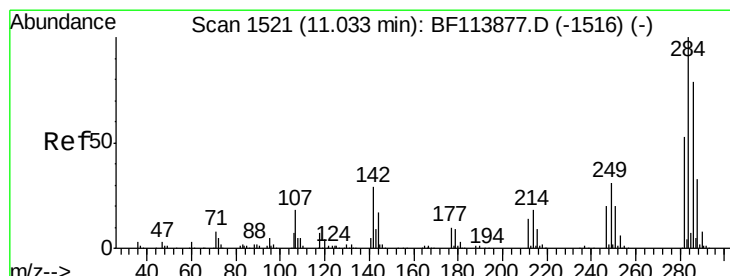
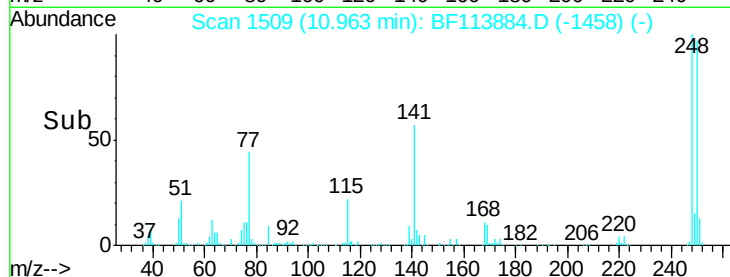
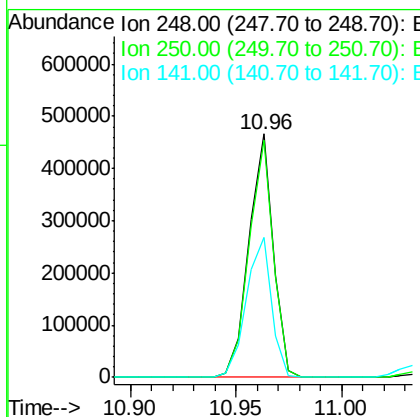
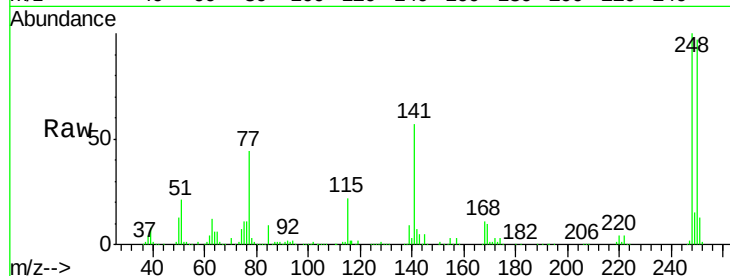
#67
 4-Bromophenyl-phenylether
 Concen: 40.469 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	75.8	113.6
141	57.4	50.2	75.4

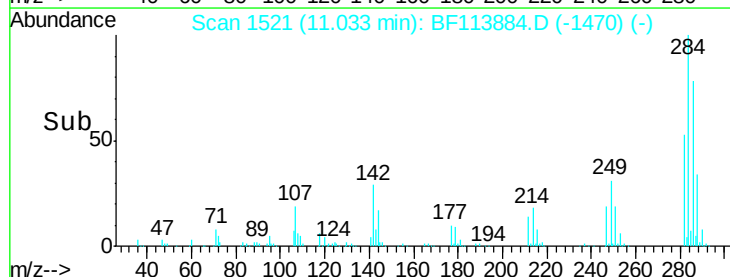
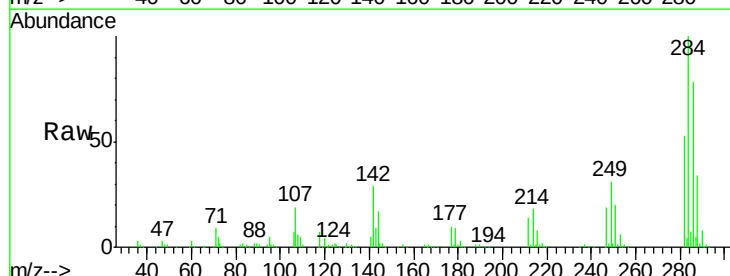
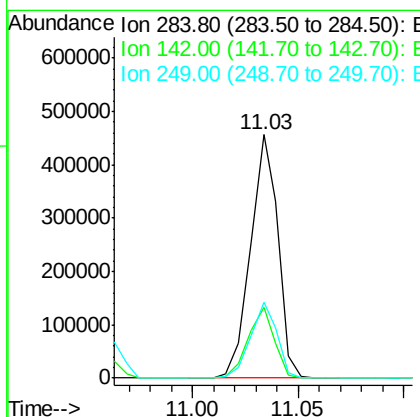
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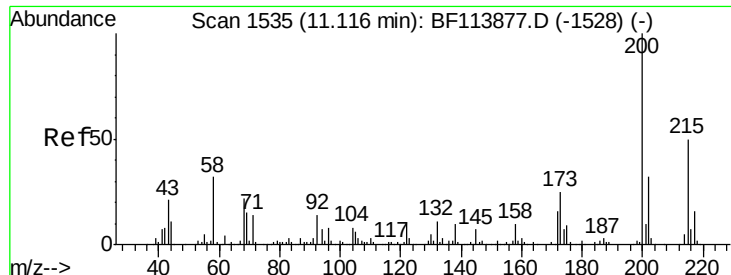
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#68
 Hexachlorobenzene
 Concen: 40.340 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	23.0	34.4
249	31.2	24.4	36.6





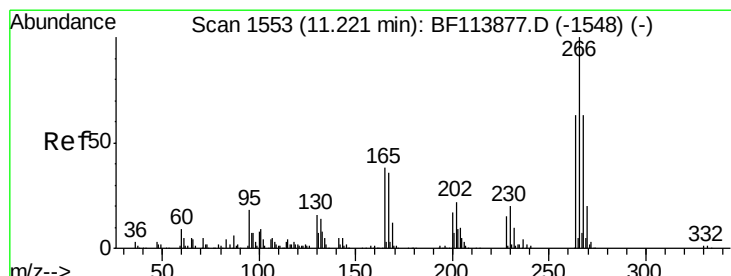
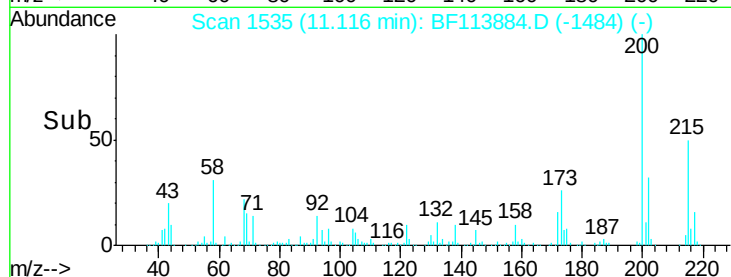
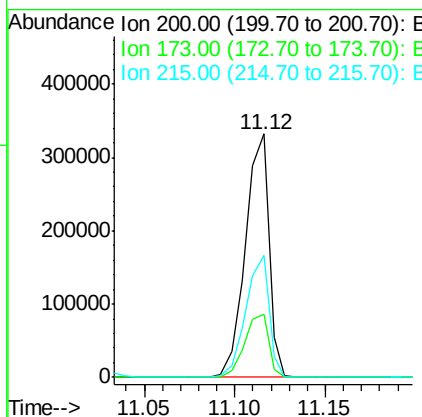
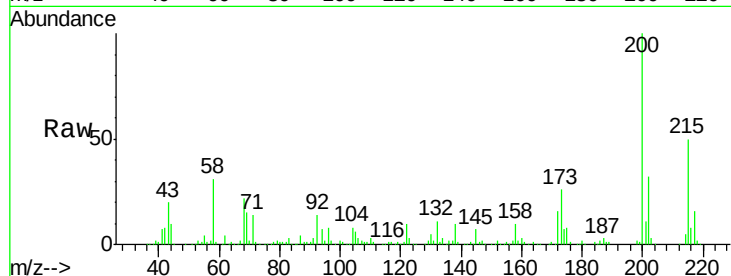
#69
 Atrazine
 Concen: 40.296 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	5.9	45.9
215	50.0	29.3	69.3

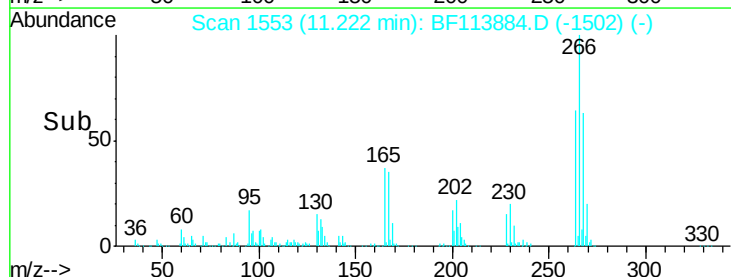
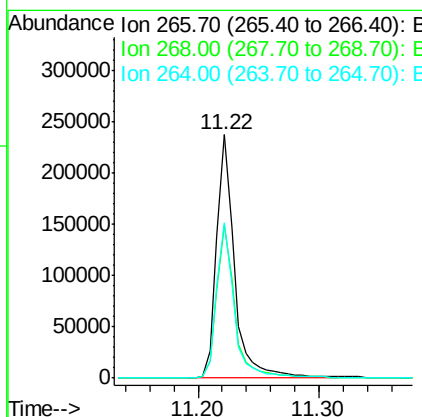
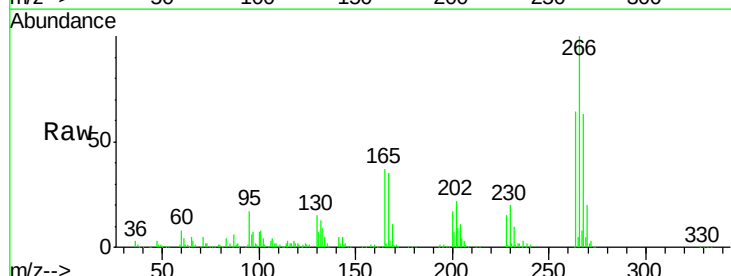
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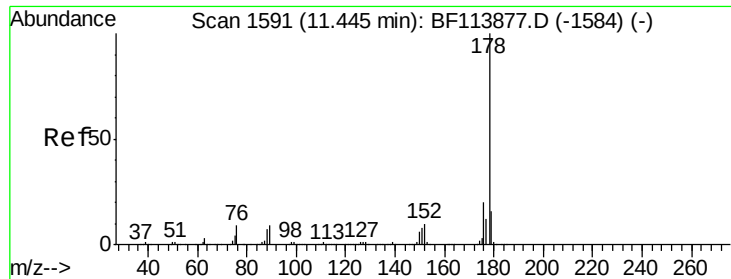
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#70
 Pentachlorophenol
 Concen: 42.245 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.9	53.5	80.3
264	63.8	51.0	76.6





#71

Phenanthrene

Concen: 40.721 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1565402

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

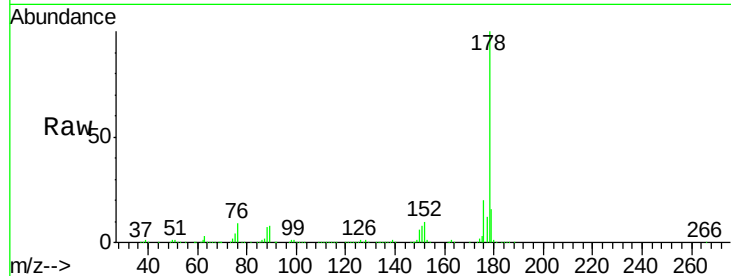
179 16.0 12.8 19.2

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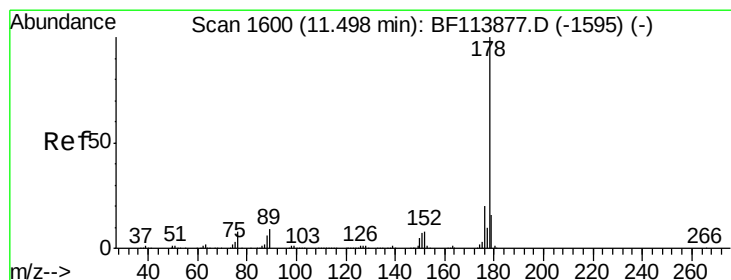
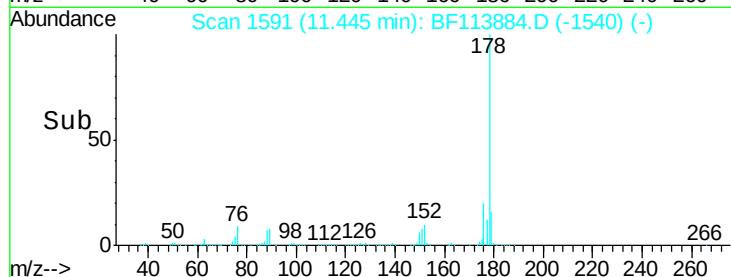
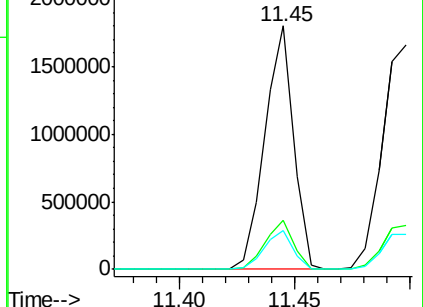
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.561 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Tgt Ion:178 Resp: 1574593

Ion Ratio Lower Upper

178 100

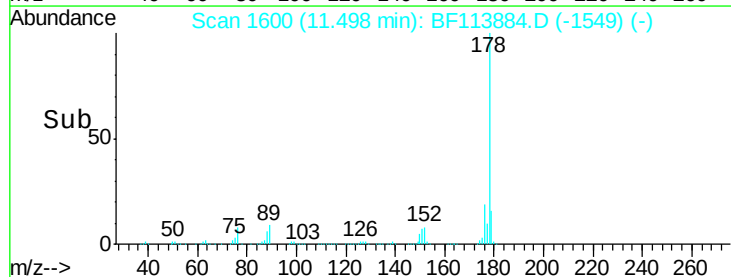
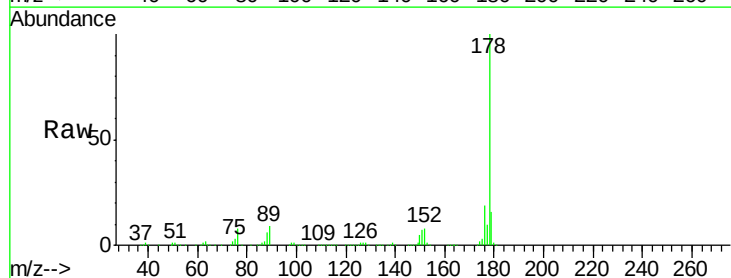
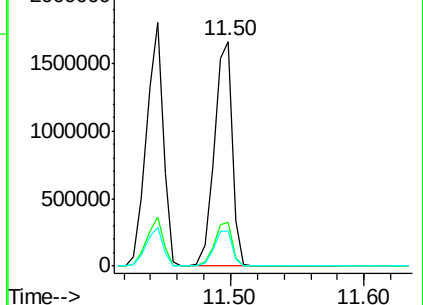
176 19.5 15.7 23.5

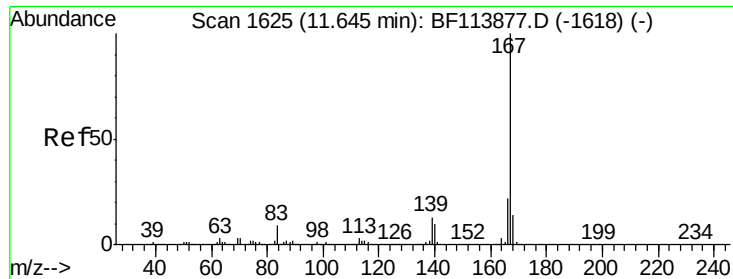
179 15.7 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.979 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 1419253

Ion Ratio Lower Upper

167 100

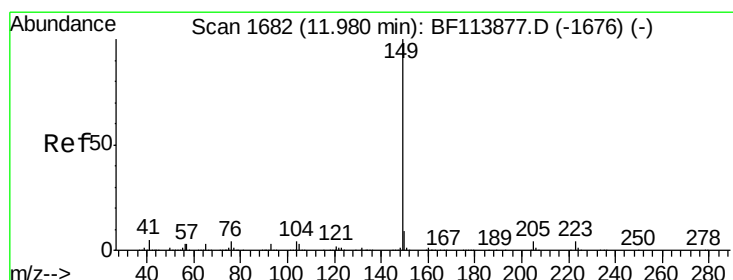
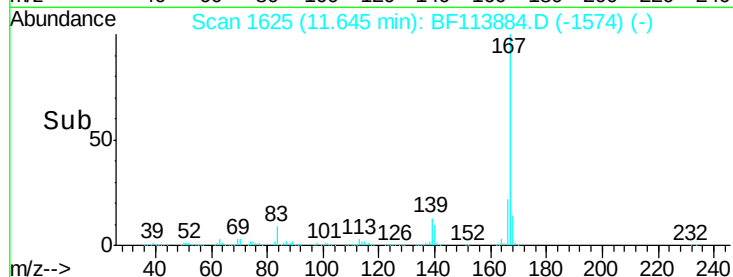
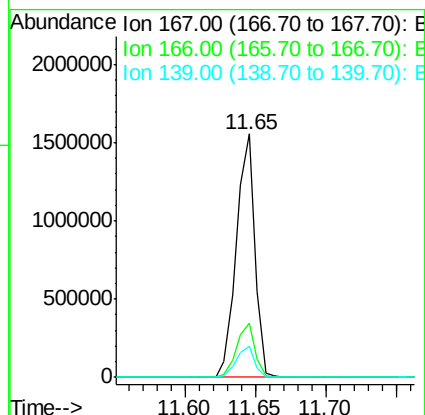
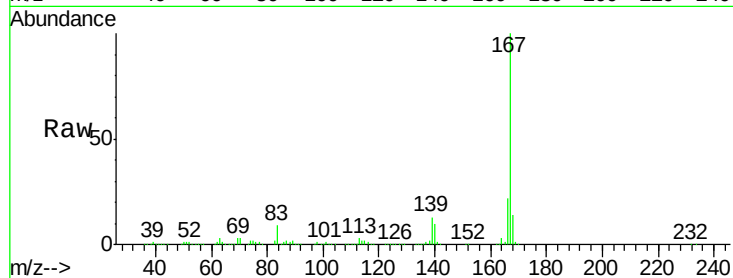
166 22.2 17.7 26.5

139 12.9 10.0 15.0

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#74

Di-n-butylphthalate

Concen: 40.731 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

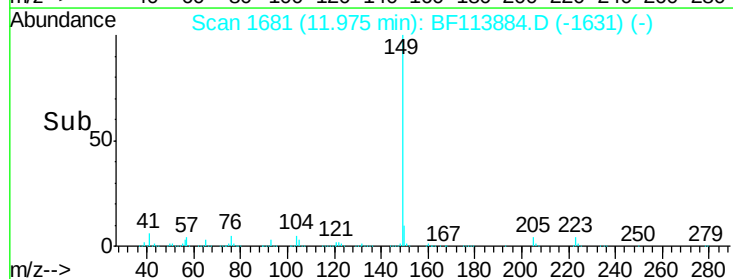
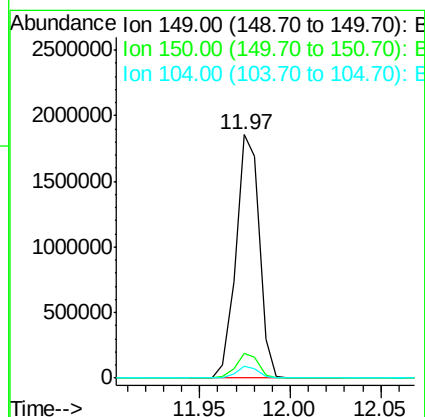
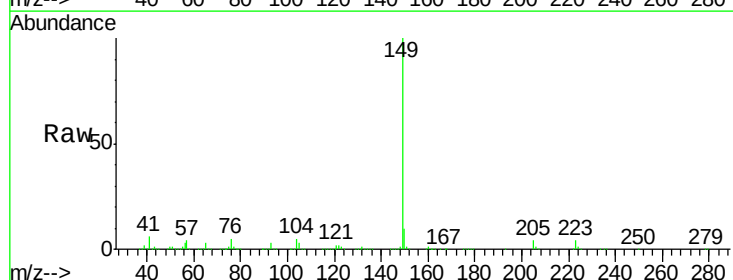
Tgt Ion:149 Resp: 1659403

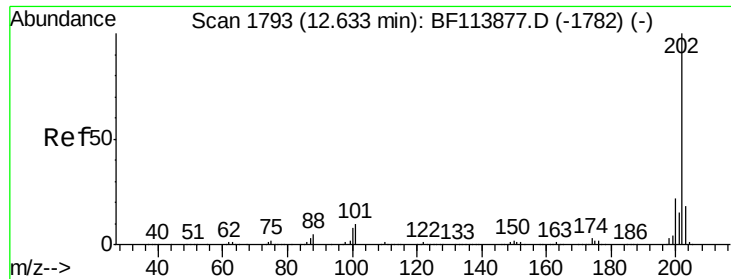
Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.8

104 5.0 3.8 5.8





#75

Fluoranthene

Concen: 40.256 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

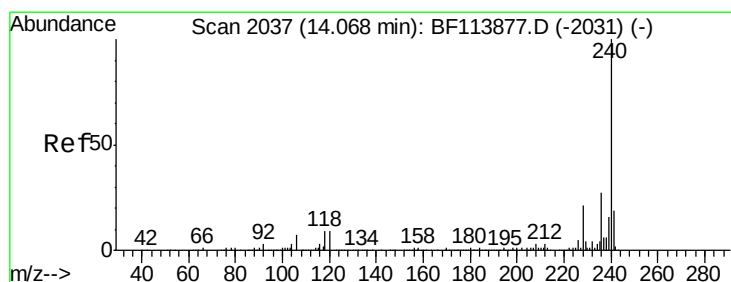
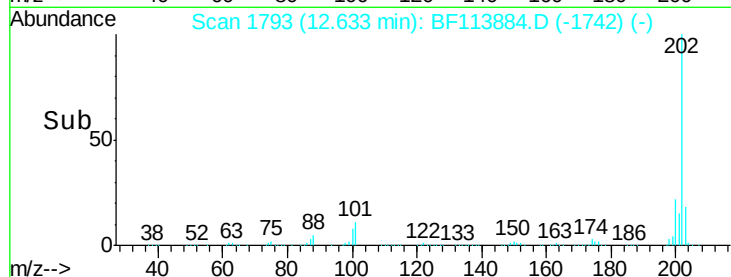
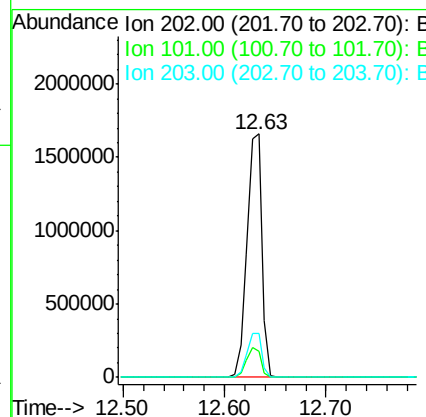
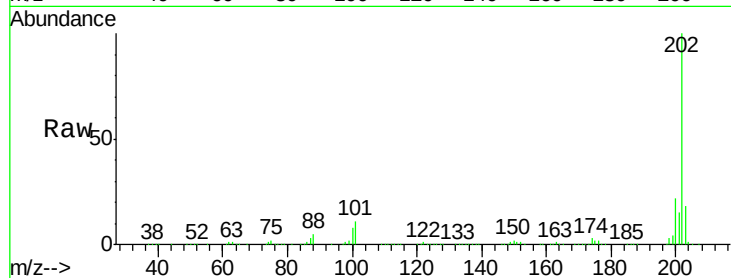
ClientSampleId :

SSTDCCC040

Tgt Ion:	202	Resp:	1688394
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	32.9
203	18.3	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

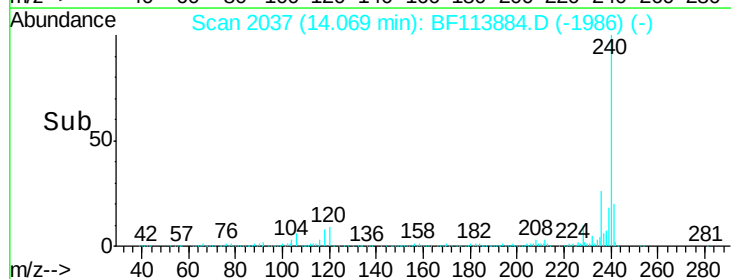
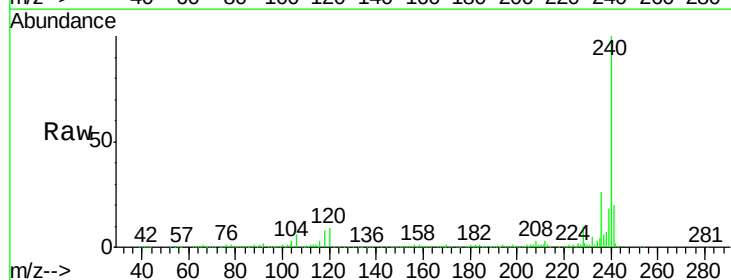
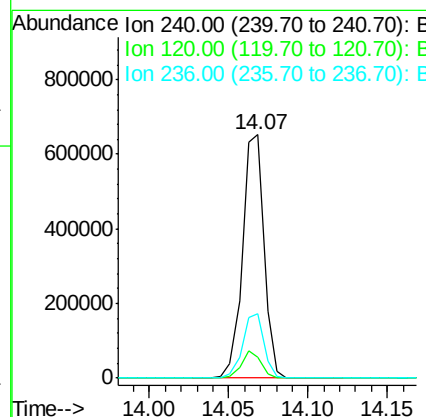
RT: 14.07 min Scan# 2037

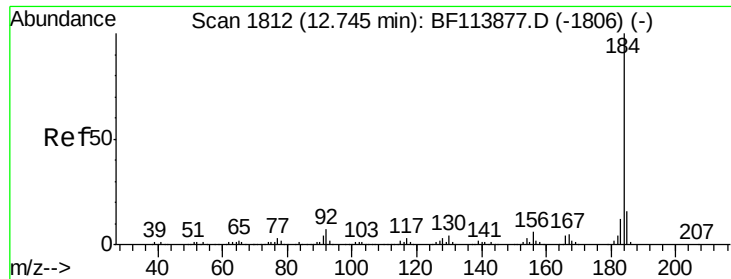
Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Tgt Ion:	240	Resp:	613764
Ion Ratio	Lower	Upper	
240	100		
120	8.8	9.3	13.9#
236	26.5	21.2	31.8





#77

Benzidine

Concen: 47.353 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

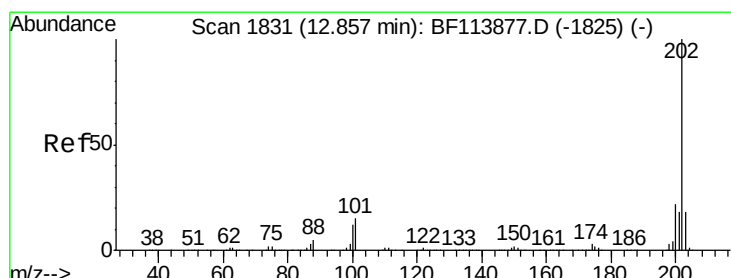
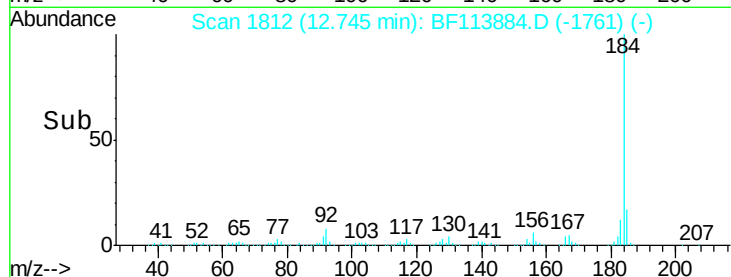
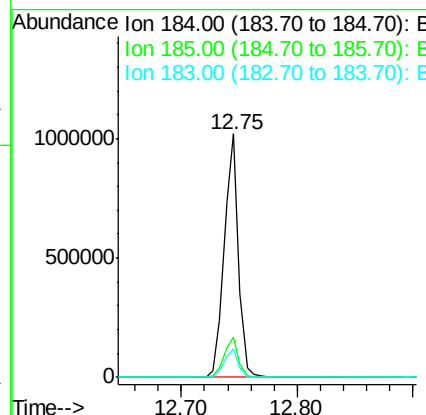
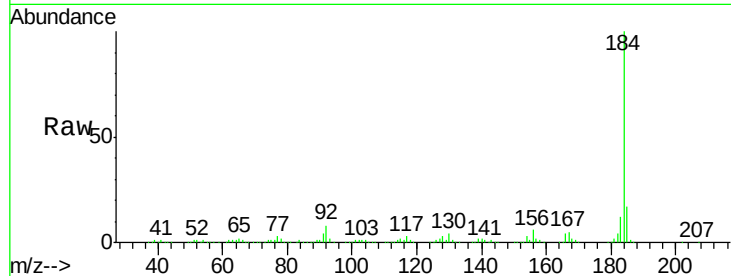
ClientSampleId :

SSTDCCC040

Tgt Ion:	184	Resp:	865974
Ion Ratio	Lower	Upper	
184	100		
185	16.6	13.0	19.6
183	11.8	9.4	14.0

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#78

Pyrene

Concen: 39.408 ng

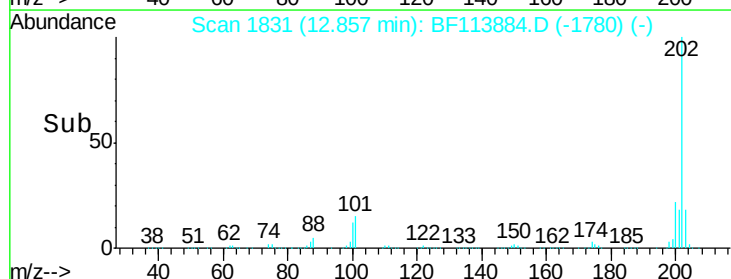
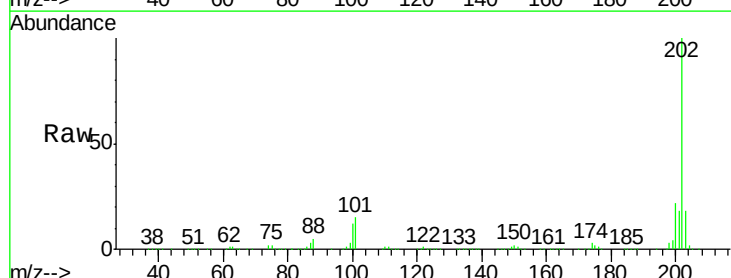
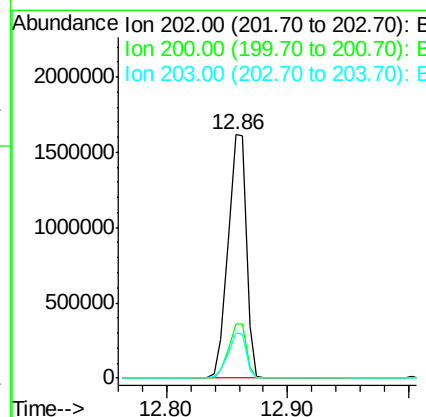
RT: 12.86 min Scan# 1831

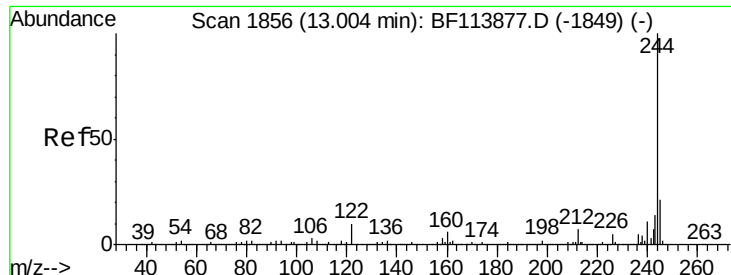
Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Tgt Ion:	202	Resp:	1691465
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.7	26.5
203	18.4	15.0	22.6





#79

Terphenyl-d14

Concen: 77.866 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

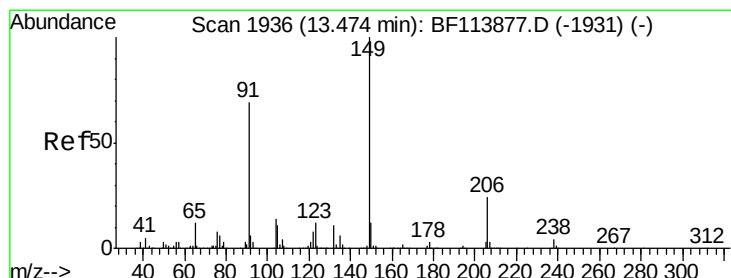
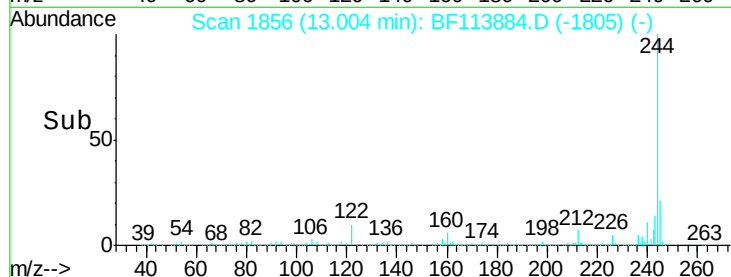
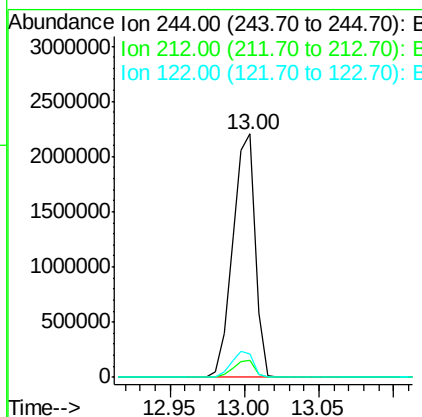
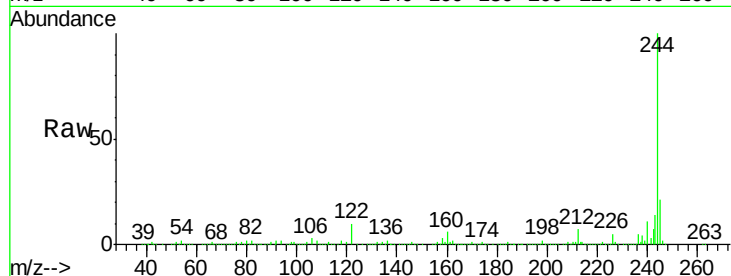
ClientSampleId :

SSTDCCC040

Tgt Ion:	244	Resp:	2331144
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	9.9	7.6	11.4

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#80

Butylbenzylphthalate

Concen: 39.959 ng

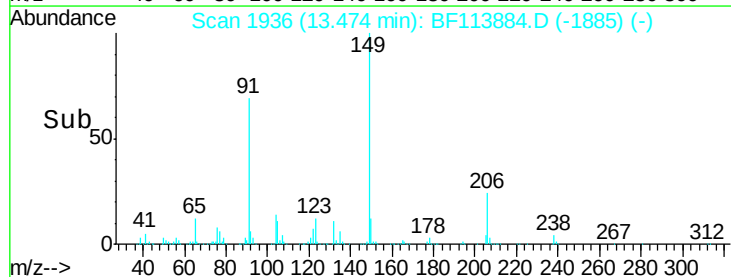
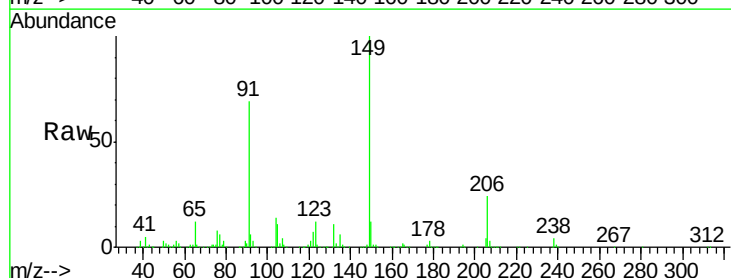
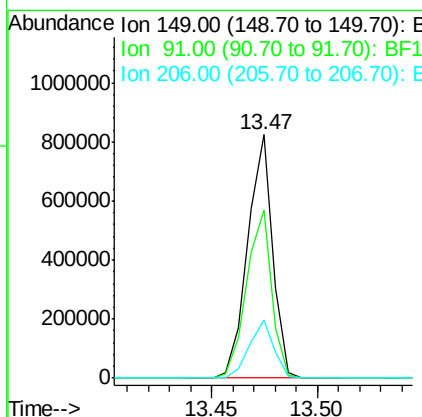
RT: 13.47 min Scan# 1936

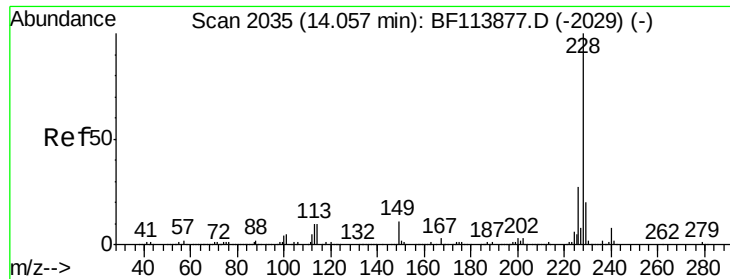
Delta R.T. 0.00 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Tgt Ion:	149	Resp:	674797
Ion	Ratio	Lower	Upper
149	100		
91	68.8	56.3	84.5
206	23.9	19.0	28.6





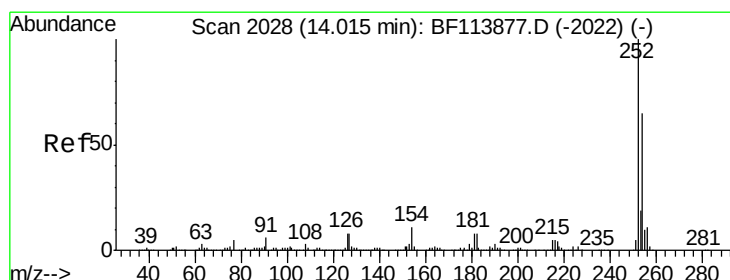
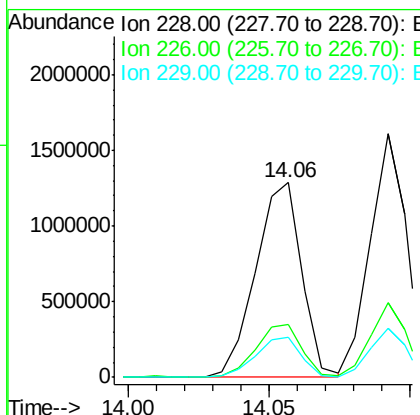
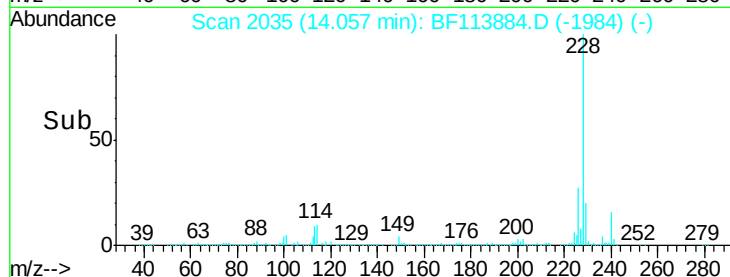
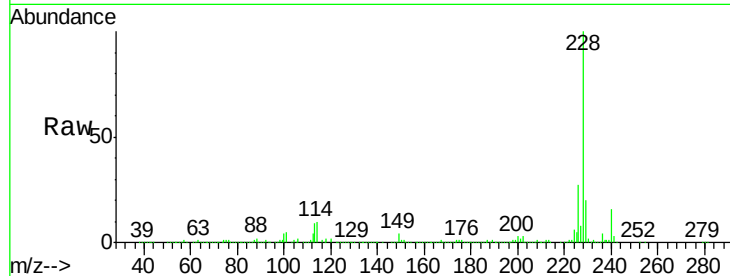
#81
Benzo(a)anthracene
Concen: 40.177 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.2
229	20.3	16.0	24.0

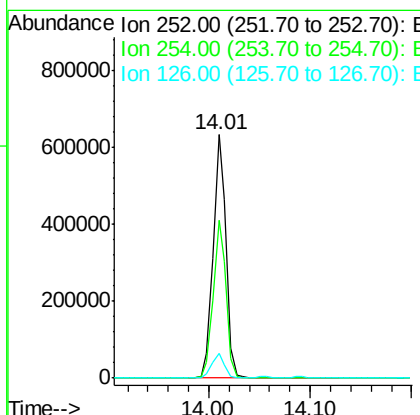
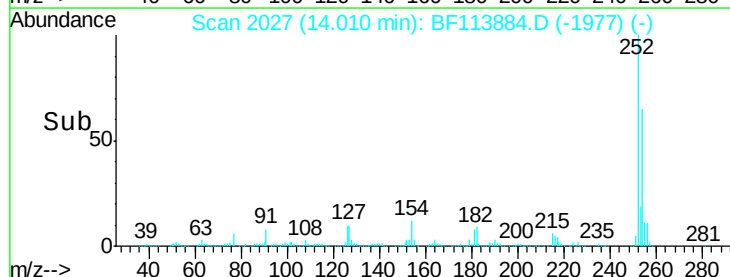
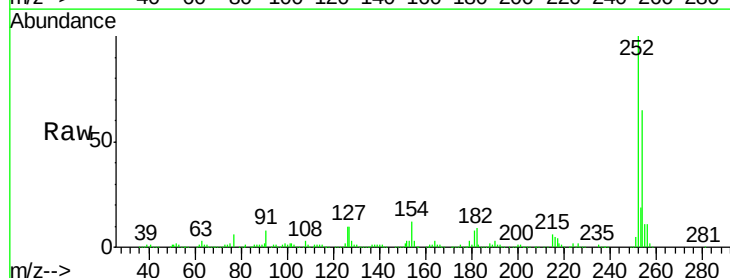
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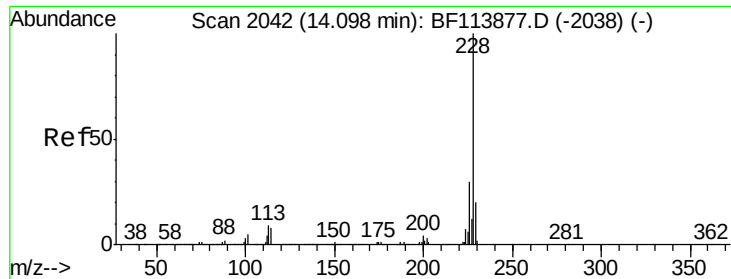
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#82
3,3'-Dichlorobenzidine
Concen: 42.134 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	9.9	9.3	13.9





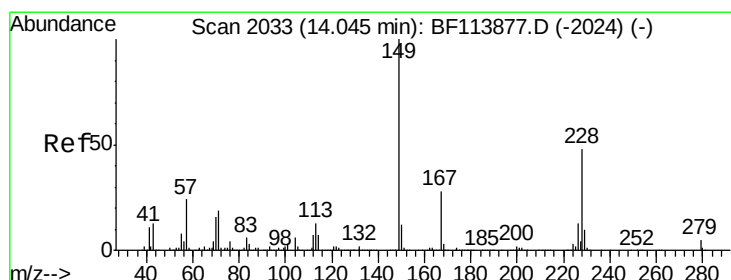
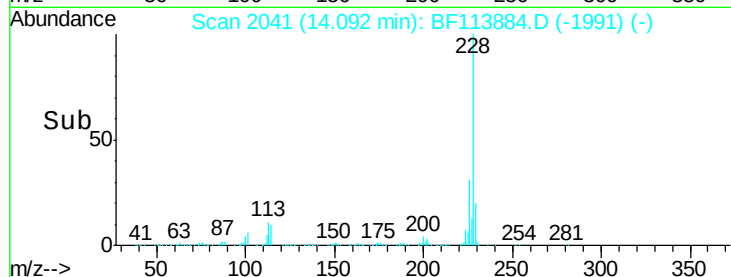
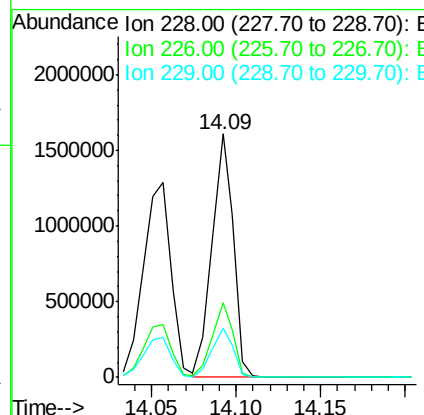
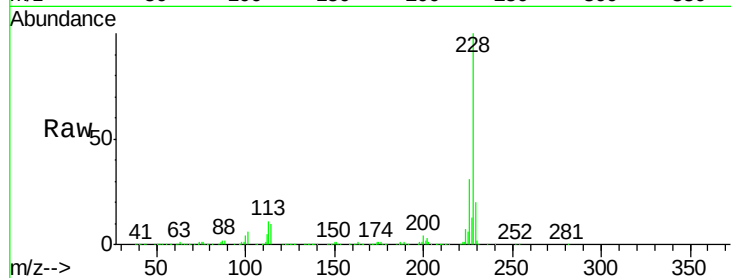
#83
Chrysene
 Concen: 40.321 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 228 Resp: 1420050
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.2 37.8
 229 20.1 16.7 25.1

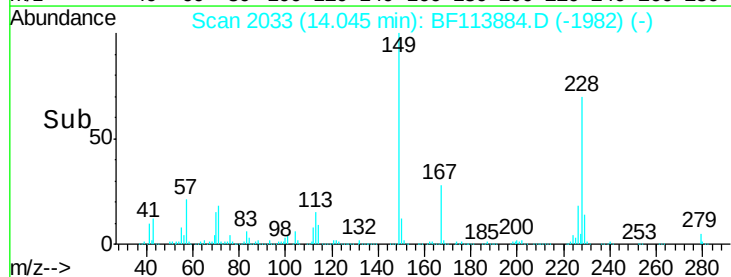
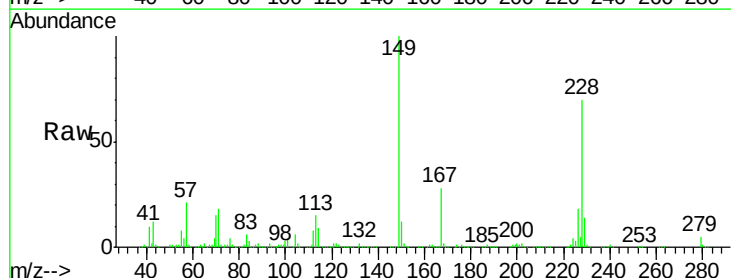
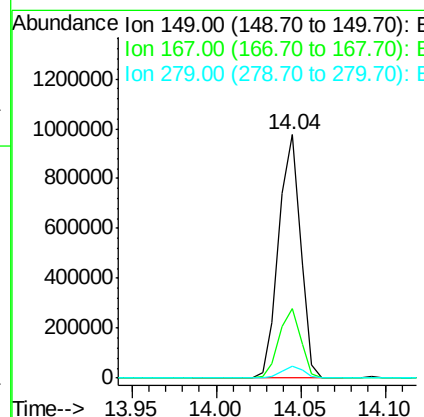
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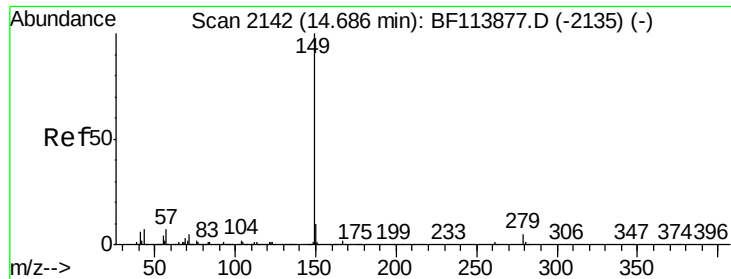
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 40.705 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF113884.D
 Acq: 22 Apr 2019 18:13

Tgt Ion: 149 Resp: 874578
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.9 34.3
 279 5.1 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 41.010 ng

RT: 14.68 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1379178

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

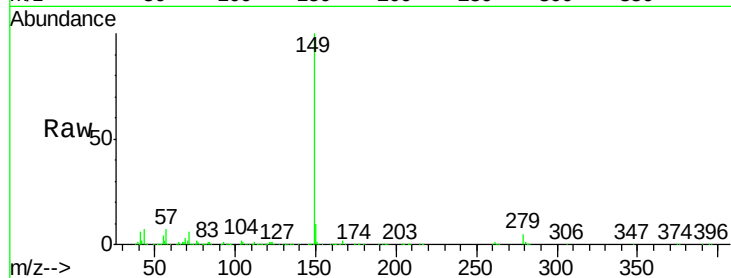
43 7.8 6.6 10.0

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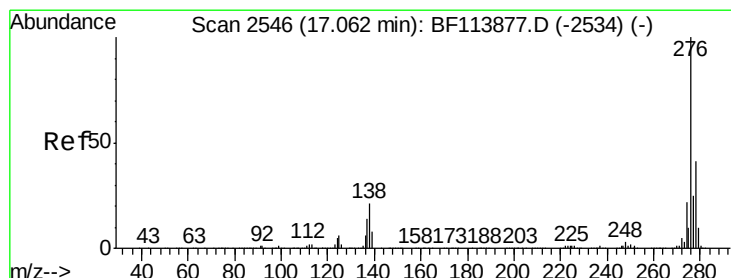
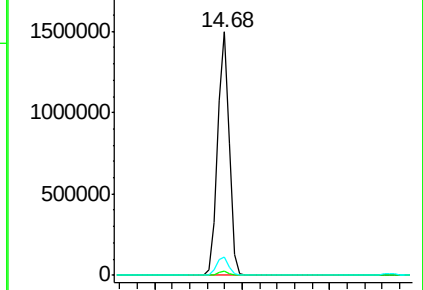
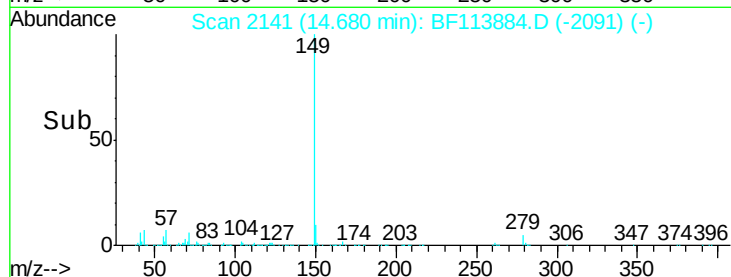
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 34.975 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

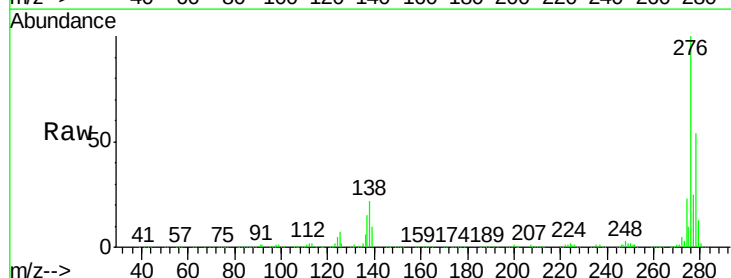
Tgt Ion:276 Resp: 1166756

Ion Ratio Lower Upper

276 100

138 22.5 19.6 29.4

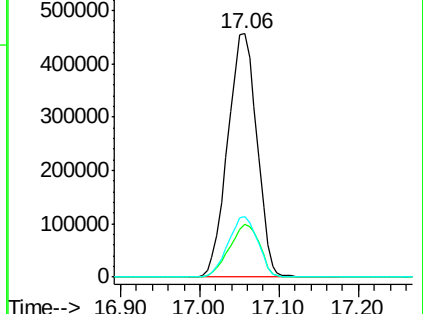
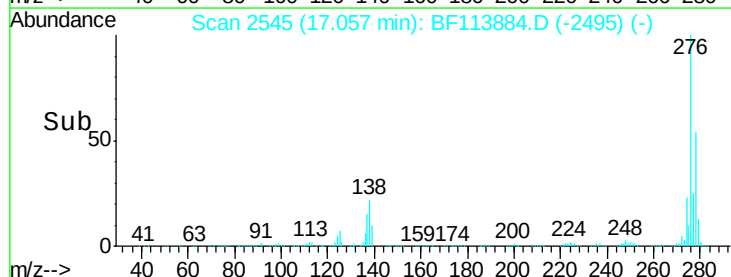
277 25.2 20.2 30.4

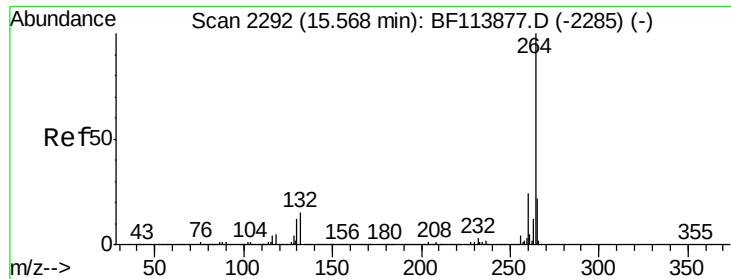


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Instrument :

BNA_F

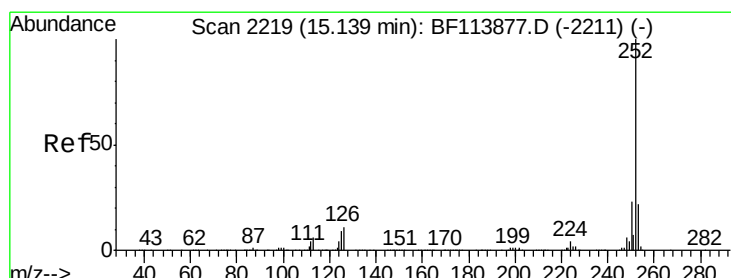
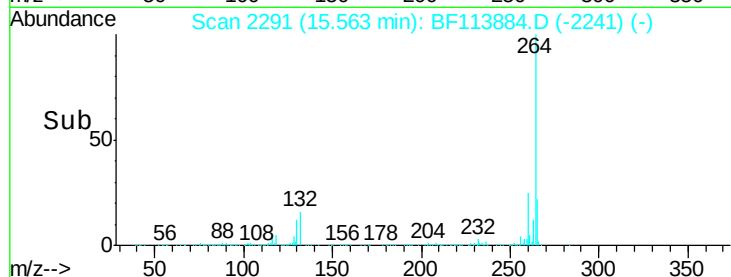
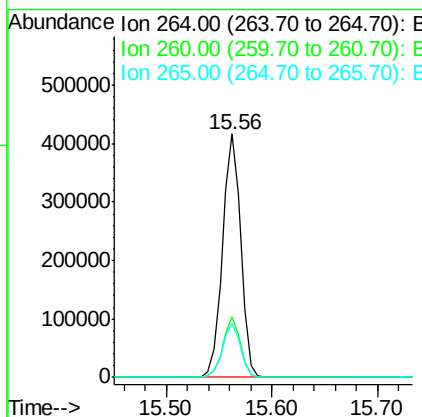
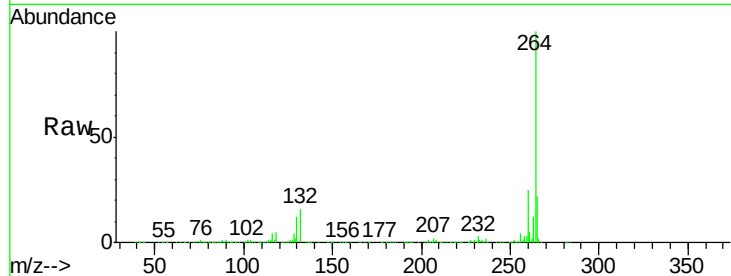
ClientSampled :

SSTDCCC040

Tgt Ion:	264	Resp:	500018
Ion Ratio		Lower	Upper
264	100		
260	24.8	18.9	28.3
265	22.1	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 40.389 ng

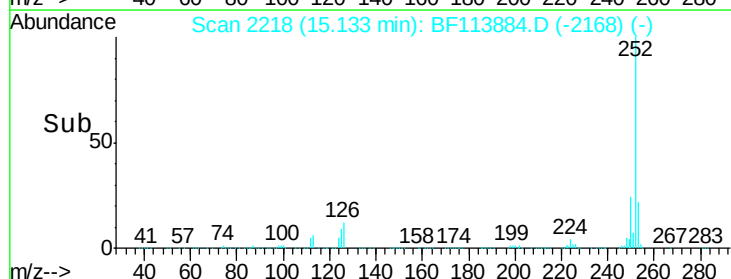
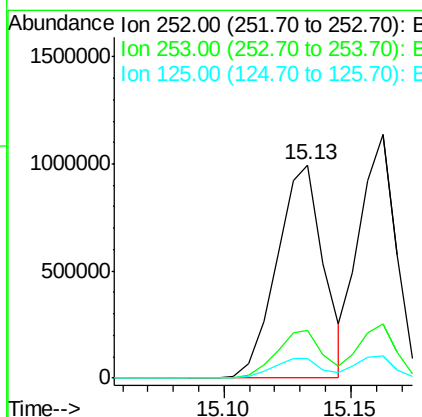
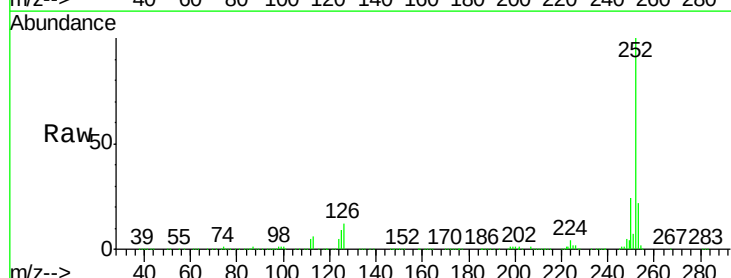
RT: 15.13 min Scan# 2218

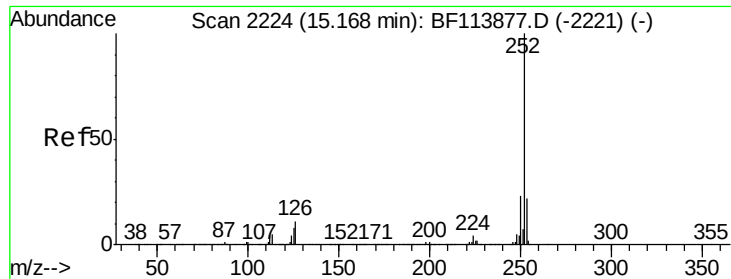
Delta R.T. -0.01 min

Lab File: BF113884.D

Acq: 22 Apr 2019 18:13

Tgt Ion:	252	Resp:	1277730
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.9	7.0	10.6





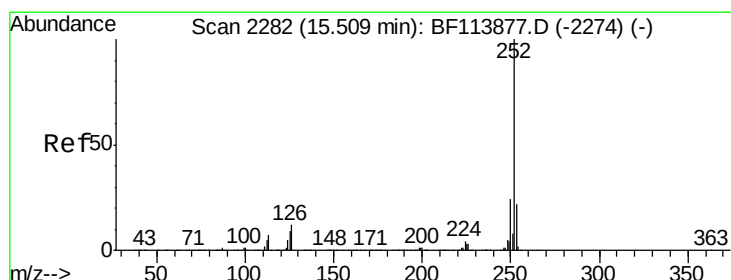
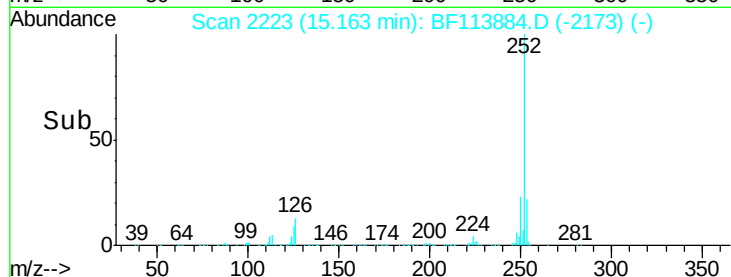
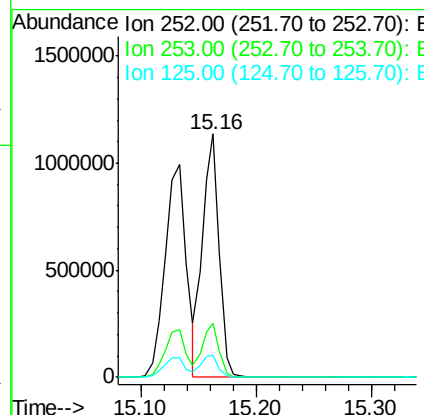
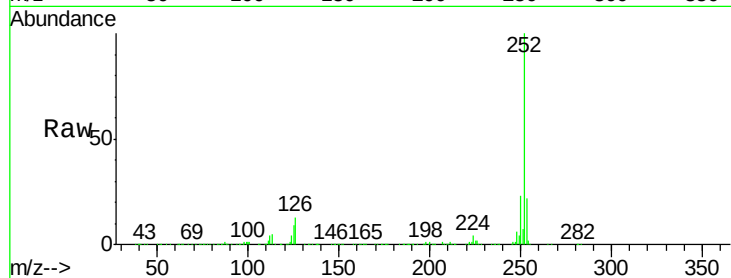
#89
Benzo(k)fluoranthene
Concen: 42.174 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.9	7.4	11.2

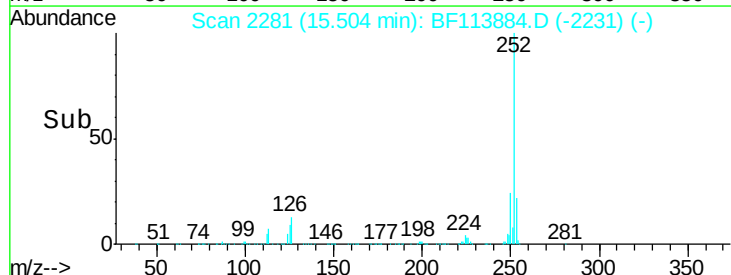
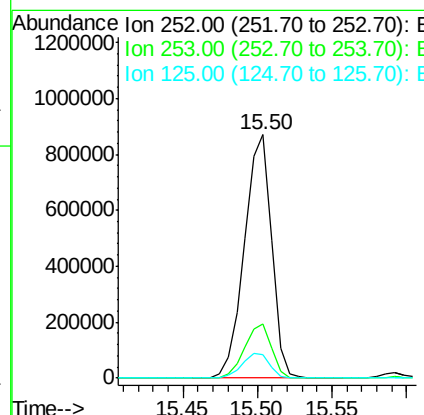
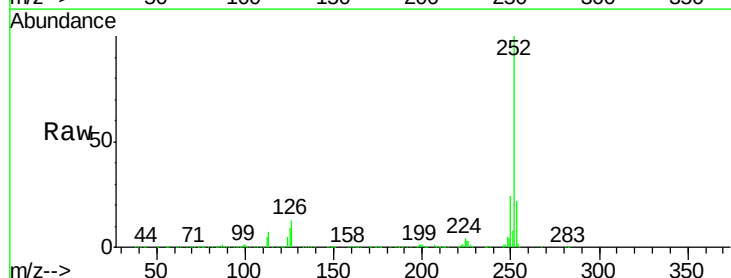
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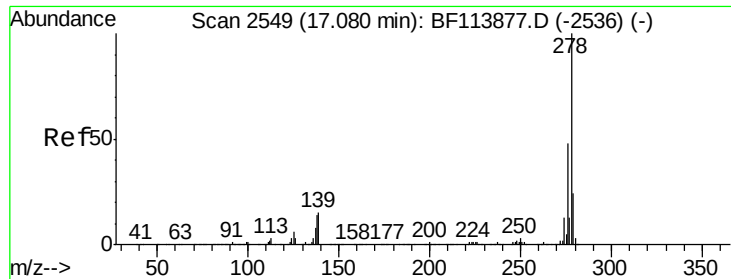
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#90
Benzo(a)pyrene
Concen: 40.347 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.5	8.5	12.7





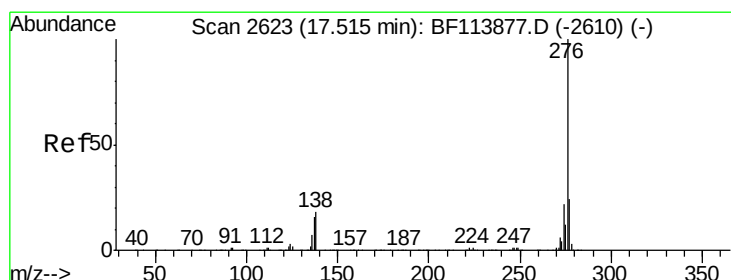
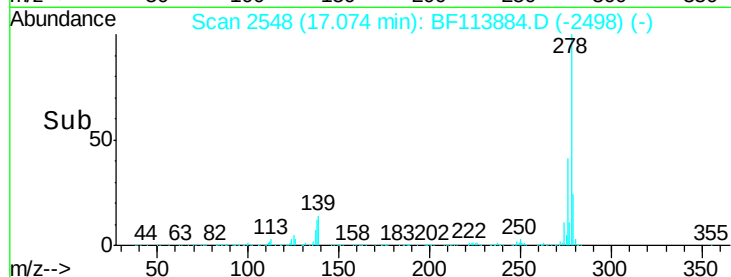
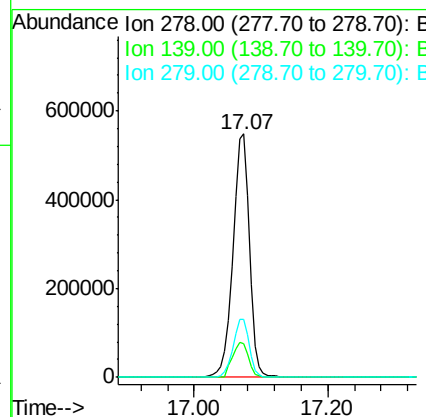
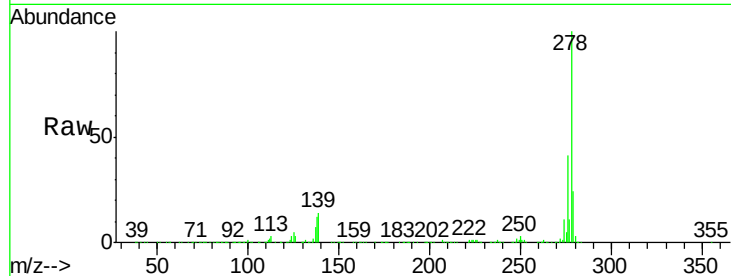
#91
Dibenzo(a,h)anthracene
Concen: 37.350 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.6	17.4
279	24.1	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 36.565 ng
RT: 17.50 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF113884.D
Acq: 22 Apr 2019 18:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	19.4	16.6	25.0

