

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031419\
 Data File : BF113048.D
 Acq On : 14 Mar 2019 13:38
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/15/2019 10:03:22 AM

Quant Time: Mar 15 06:54:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	179648	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	719938	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	397826	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	799292	20.00	ng	0.00
76) Chrysene-d12	13.87	240	605993	20.00	ng	0.00
87) Perylene-d12	15.27	264	606153	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	859626	74.43	ng	0.00
7) Phenol-d6	6.37	99	1049698	72.36	ng	0.00
23) Nitrobenzene-d5	7.29	82	996406	82.82	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	392620	92.96	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1955408	80.24	ng	0.00
79) Terphenyl-d14	12.82	244	2126058	68.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	203882	35.218	ng	97
3) Pyridine	3.12	79	603733	38.981	ng	98
4) n-Nitrosodimethylamine	3.05	42	248039	36.610	ng	94
6) Aniline	6.39	93	663865	33.245	ng	# 43
8) 2-Chlorophenol	6.52	128	490705	38.170	ng	92
9) Benzaldehyde	6.27	77	384760	36.808	ng	99
10) Phenol	6.39	94	590807	34.899	ng	# 70
11) bis(2-Chloroethyl)ether	6.47	93	461298	35.501	ng	96
12) 1,3-Dichlorobenzene	6.67	146	526373	39.635	ng	96
13) 1,4-Dichlorobenzene	6.75	146	533956	40.091	ng	95
14) 1,2-Dichlorobenzene	6.90	146	482099	39.486	ng	99
15) Benzyl Alcohol	6.87	79	411625	37.210	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	744798	34.347	ng	94
17) 2-Methylphenol	7.00	107	387761	37.180	ng	97
18) Hexachloroethane	7.25	117	192573	37.746	ng	# 90
19) n-Nitroso-di-n-propylamine	7.15	70	326043	35.486	ng	99
20) 3+4-Methylphenols	7.15	107	457863	38.885	ng	# 75
22) Acetophenone	7.14	105	687375	40.832	ng	92
24) Nitrobenzene	7.32	77	528159	39.441	ng	95
25) Isophorone	7.56	82	945889	36.493	ng	98
26) 2-Nitrophenol	7.63	139	278667	49.991	ng	96
27) 2,4-Dimethylphenol	7.67	122	391678	37.768	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	604831	37.322	ng	100
29) 2,4-Dichlorophenol	7.87	162	421337	41.895	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	448014	41.460	ng	98
31) Naphthalene	8.03	128	1399966	39.167	ng	100
32) Benzoic acid	7.81	122	319000	43.887	ng	93
33) 4-Chloroaniline	8.09	127	623460	41.182	ng	99
34) Hexachlorobutadiene	8.16	225	273795	44.927	ng	99
35) Caprolactam	8.46	113	144678	40.845	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	493842	44.371	ng	98
37) 2-Methylnaphthalene	8.73	142	1031475	44.686	ng	99
38) 1-Methylnaphthalene	8.82	142	999624	44.706	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	486067	41.899	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	243456	38.323	nq	100
43) 2,4,6-Trichlorophenol	9.00	196	335291	41.995	nq	100
44) 2,4,5-Trichlorophenol	9.05	196	364145	42.196	nq	96
46) 1,1'-Biphenyl	9.19	154	1275457	39.307	nq	99
47) 2-Chloronaphthalene	9.21	162	975515	38.501	nq	99
48) 2-Nitroaniline	9.30	65	326629	42.412	nq	99
49) Acenaphthylene	9.63	152	1603528	37.279	nq	100
50) Dimethylphthalate	9.49	163	1175092	40.059	nq	100
51) 2,6-Dinitrotoluene	9.55	165	269543	44.126	nq #	82
52) Acenaphthene	9.80	154	904499	35.958	nq	99
53) 3-Nitroaniline	9.72	138	311815	41.892	nq	95
54) 2,4-Dinitrophenol	9.83	184	130877	54.607	nq	98
55) Dibenzofuran	9.97	168	1370739	37.494	nq	98
56) 4-Nitrophenol	9.89	139	241293	39.888	nq	97
57) 2,4-Dinitrotoluene	9.96	165	354301	46.662	nq #	80
58) Fluorene	10.31	166	1022692	39.413	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	309103	42.991	nq #	93
60) Diethylphthalate	10.19	149	1155989	37.313	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	510044	42.248	nq	92
62) 4-Nitroaniline	10.33	138	313611	45.597	nq	98
63) Azobenzene	10.46	77	1096828	34.565	nq	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	164031	49.759	nq	82
66) n-Nitrosodiphenylamine	10.42	169	946298	36.916	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	348768	41.427	nq	97
68) Hexachlorobenzene	10.86	284	399766	42.124	nq #	88
69) Atrazine	10.95	200	301396	38.390	nq	98
70) Pentachlorophenol	11.05	266	234452	41.973	nq	99
71) Phenanthrene	11.27	178	1533511	38.562	nq	100
72) Anthracene	11.32	178	1566785	37.637	nq	100
73) Carbazole	11.47	167	1509688	37.176	nq	99
74) Di-n-butylphthalate	11.80	149	1785963	36.679	nq	99
75) Fluoranthene	12.45	202	1648110	38.682	nq	97
77) Benzidine	12.57	184	770337	24.502	nq	99
78) Pyrene	12.67	202	1682807	32.940	nq	99
80) Butylbenzylphthalate	13.29	149	771428	34.210	nq	97
81) Benzo(a)anthracene	13.86	228	1359348	32.366	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	603596	37.999	nq	98
83) Chrysene	13.90	228	1400933	34.053	nq	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	923235	34.905	nq	100
85) Di-n-octyl phthalate	14.46	149	1712003	37.694	nq	97
86) Indeno(1,2,3-cd)pyrene	16.64	276	1415029	40.345	nq	94
88) Benzo(b)fluoranthene	14.88	252	1433748	36.568	nq #	97
89) Benzo(k)fluoranthene	14.91	252	1249793m	35.191	nq	
90) Benzo(a)pyrene	15.22	252	1278196	36.857	nq #	97
91) Dibenzo(a,h)anthracene	16.66	278	1160578	39.218	nq	97
92) Benzo(g,h,i)perylene	17.06	276	1128102	37.964	nq #	94

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

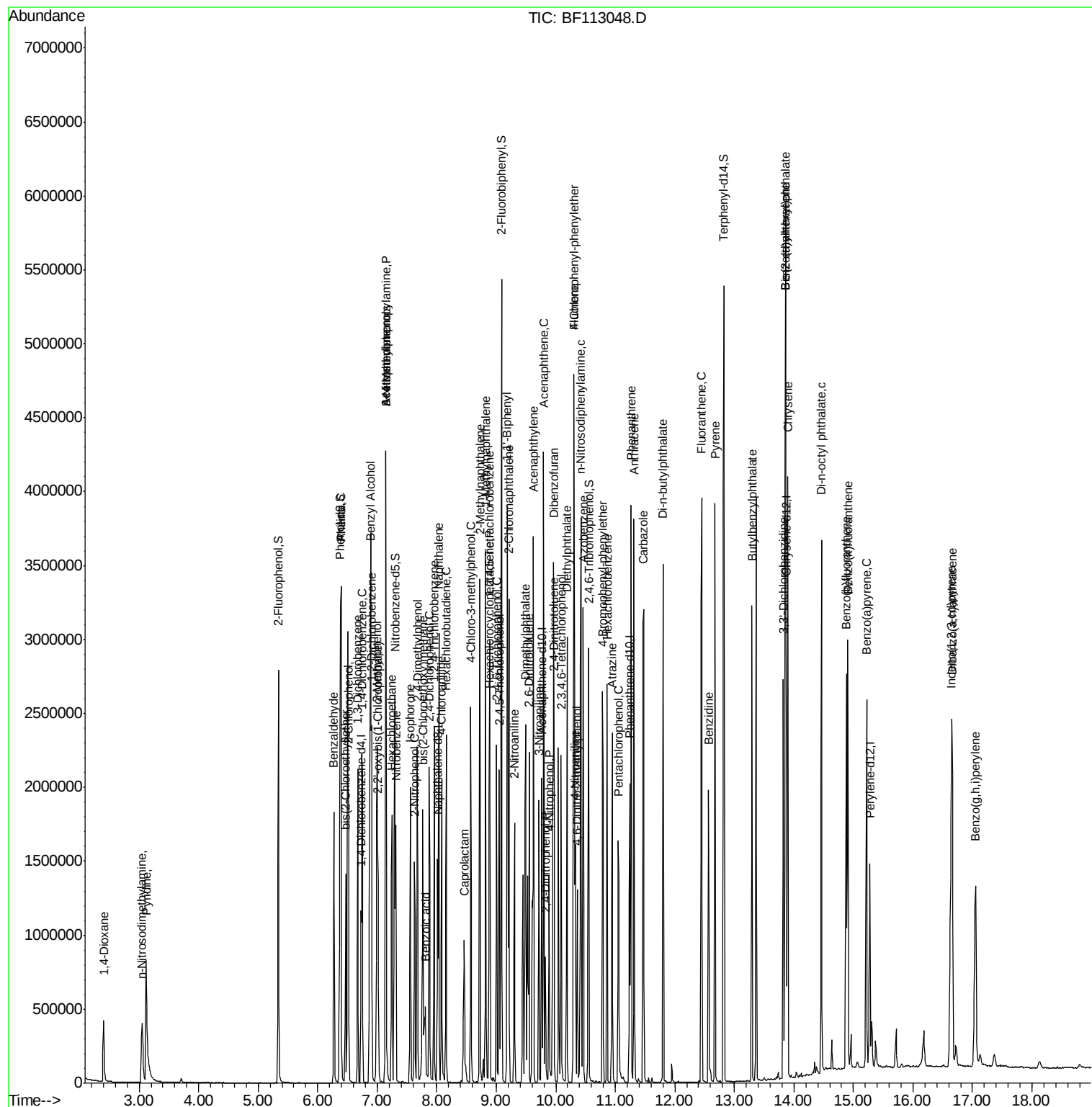
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031419\
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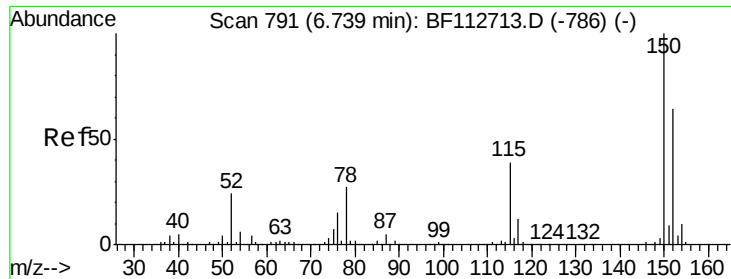
Instrument :
BNA_F
Client Sample ID :
SSTDCCC040

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#1

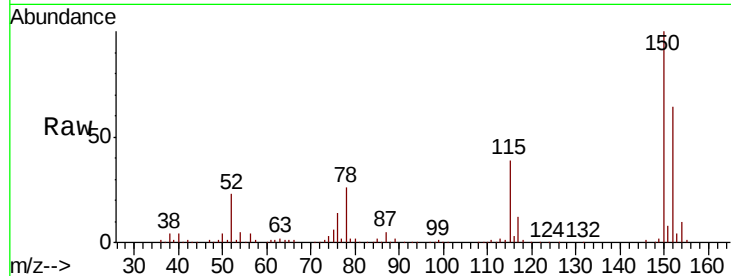
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.2	186.2
115	61.1	48.2	72.4

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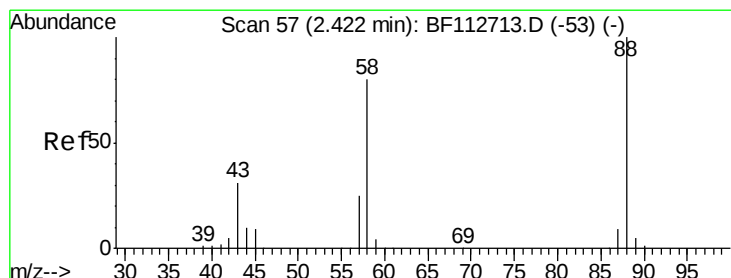
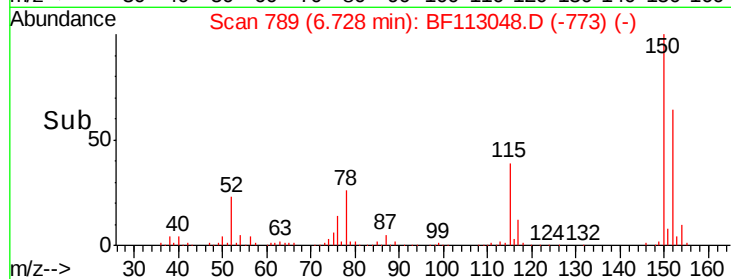
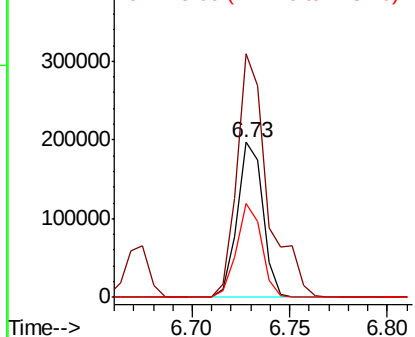


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

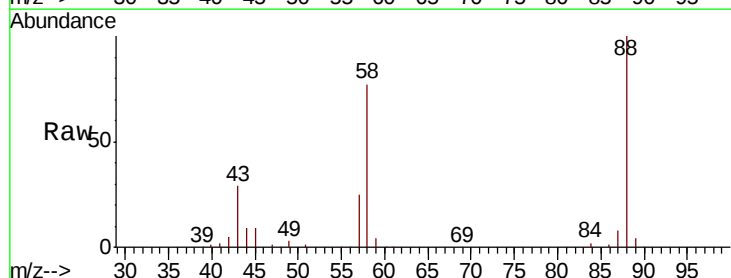
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.218 ng
RT: 2.40 min Scan# 54
Delta R.T. -0.04 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	63.1	94.7
43	29.4	24.3	36.5

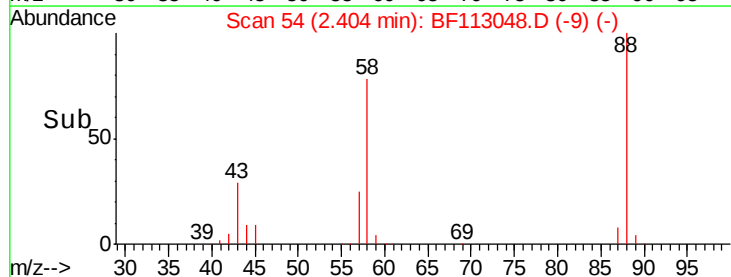
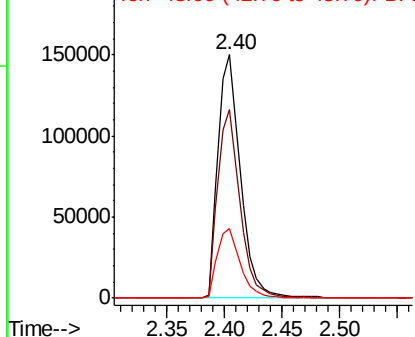


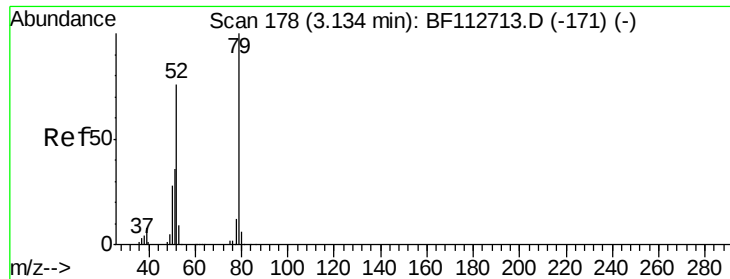
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.981 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.03 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Instrument :

BNA_F

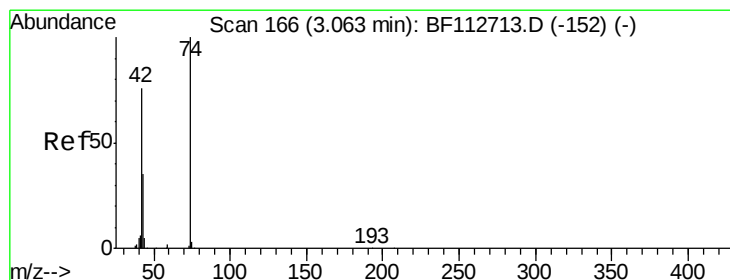
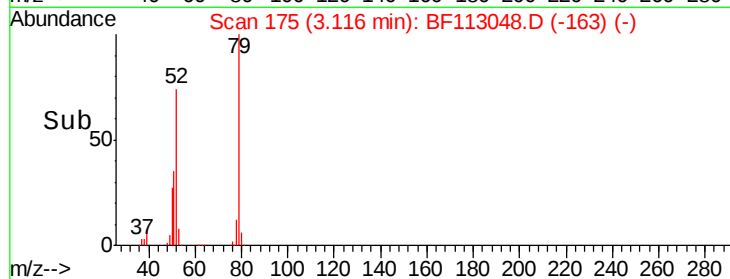
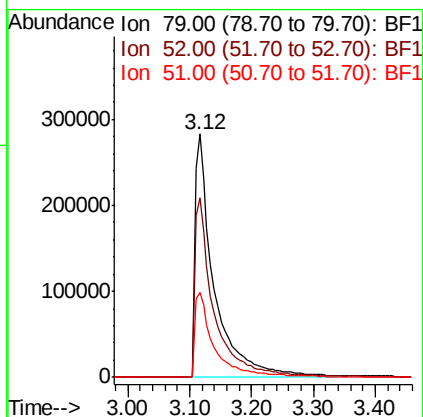
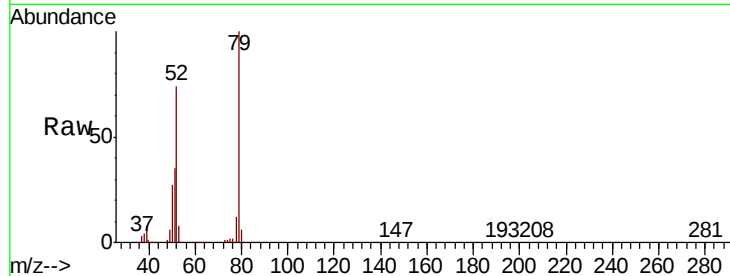
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	603733
Ion Ratio	Lower	Upper	
79	100		
52	73.8	60.5	90.7
51	34.9	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 36.610 ng

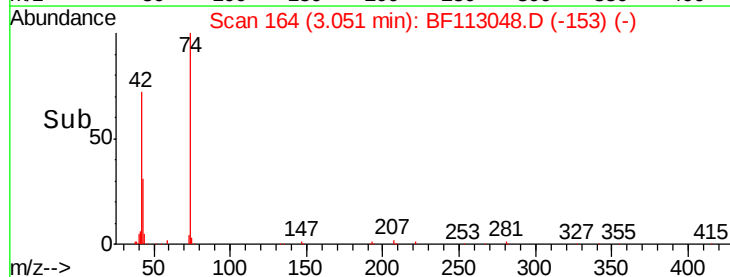
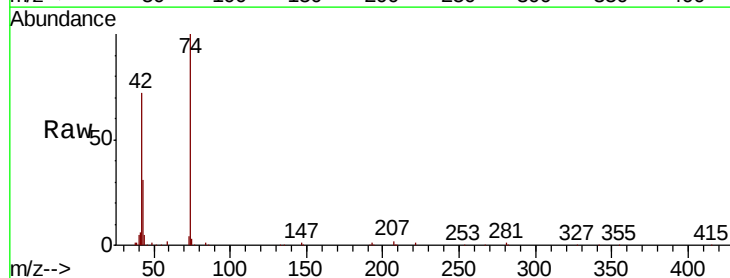
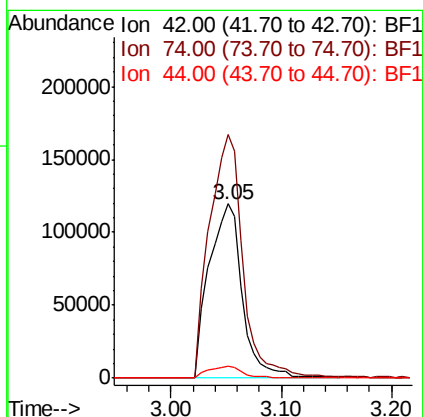
RT: 3.05 min Scan# 164

Delta R.T. -0.04 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Tgt Ion:	42	Resp:	248039
Ion Ratio	Lower	Upper	
42	100		
74	139.6	105.8	158.8
44	7.0	6.2	9.2





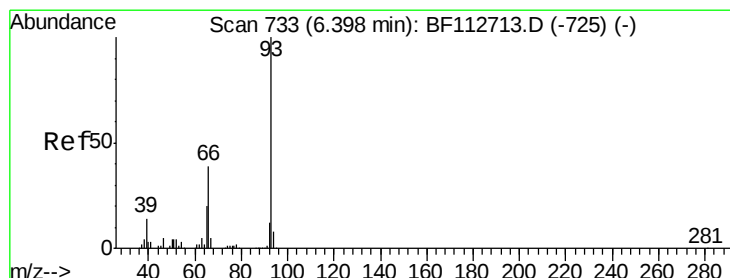
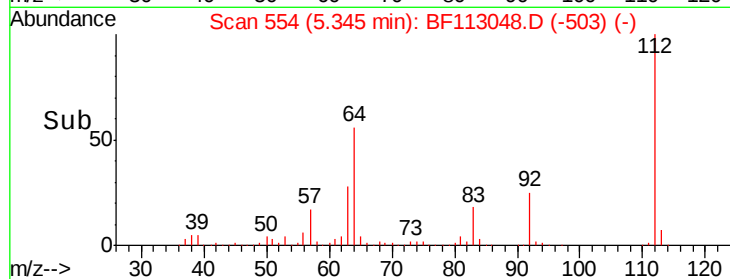
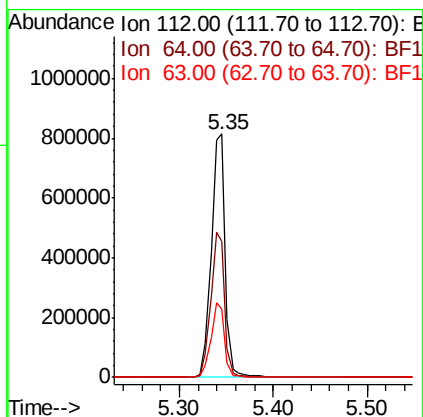
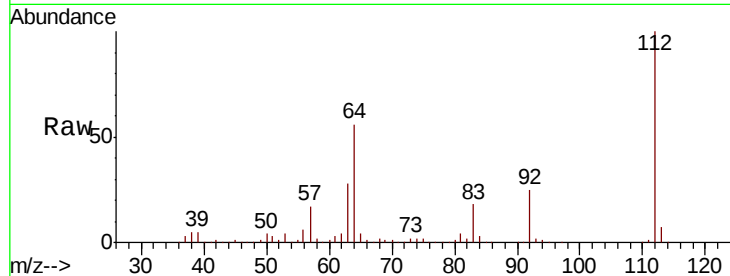
#5
2-Fluorophenol
Concen: 74.434 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	55.8	47.6	71.4
63	28.3	24.4	36.6

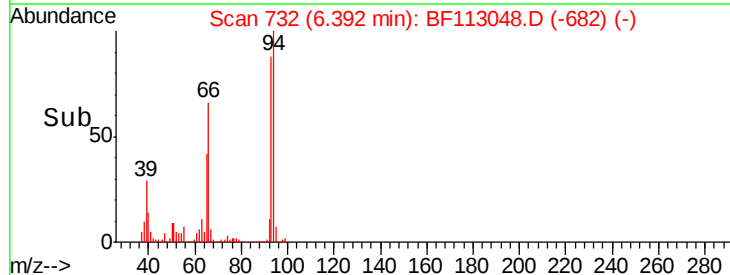
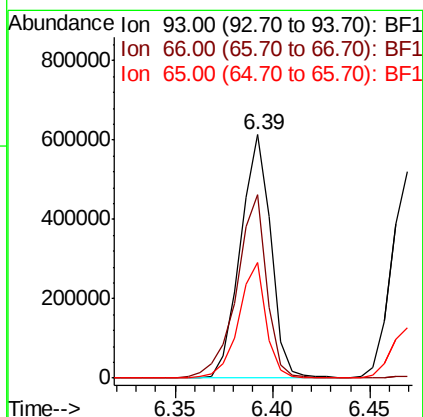
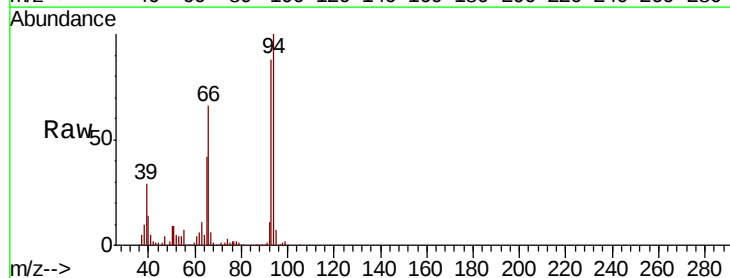
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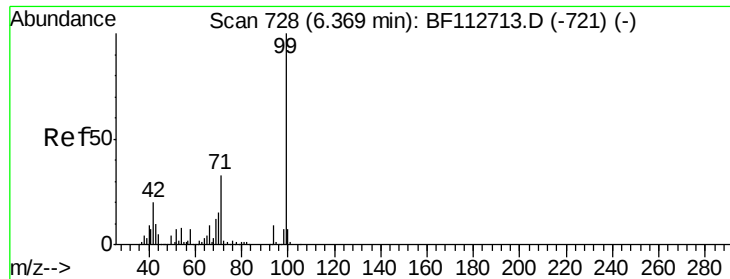
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#6
Aniline
Concen: 33.245 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	75.4	32.2	48.2#
65	47.4	16.2	24.4#





#7

Phenol-d6

Concen: 72.357 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1049698

Ion Ratio Lower Upper

99 100

42 18.8 16.3 24.5

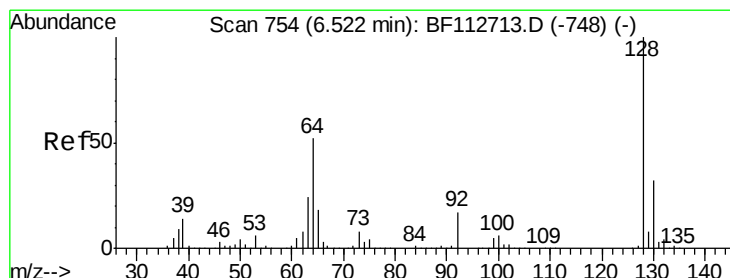
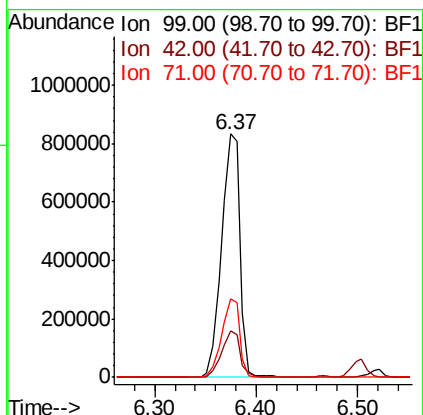
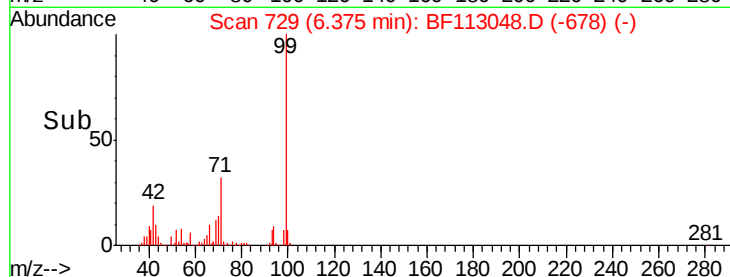
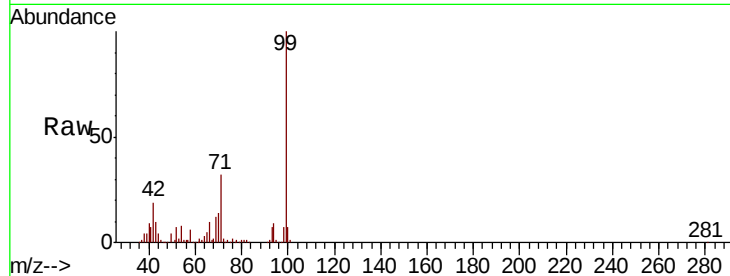
71 32.0 26.2 39.4

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#8

2-Chlorophenol

Concen: 38.170 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

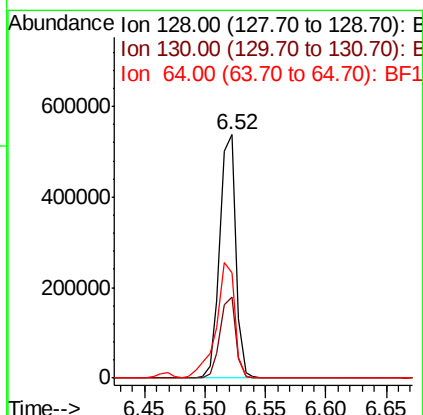
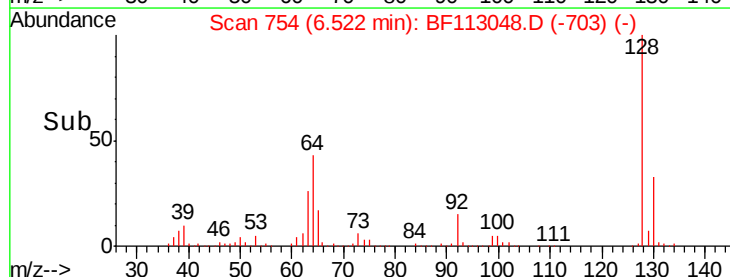
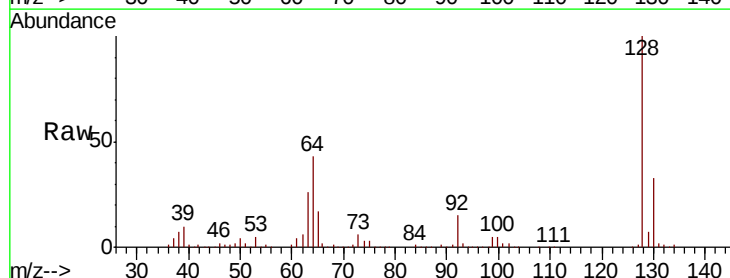
Tgt Ion: 128 Resp: 490705

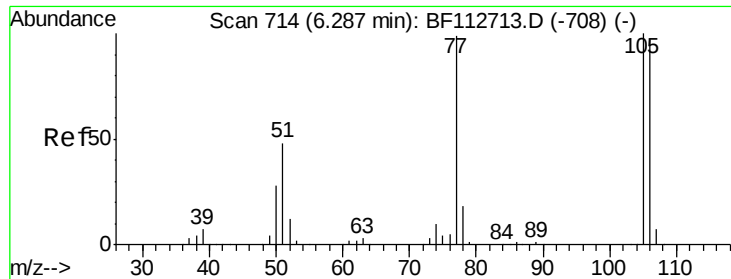
Ion Ratio Lower Upper

128 100

130 33.2 12.4 52.4

64 43.2 32.2 72.2





#9

Benzaldehyde

Concen: 36.808 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Instrument :

BNA_F

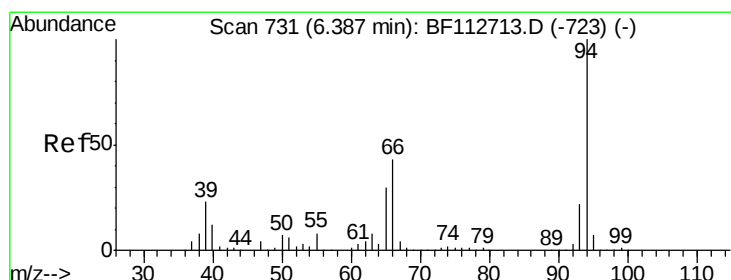
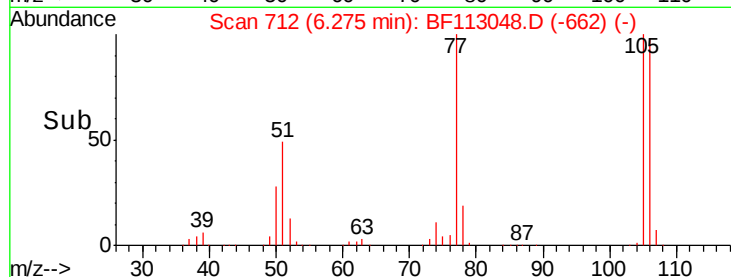
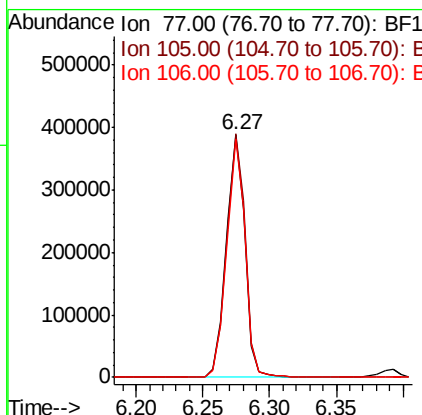
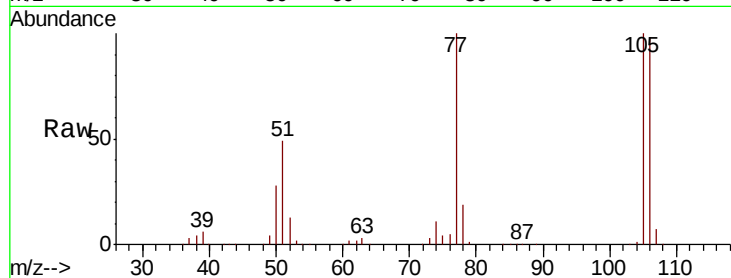
ClientSampled :

SSTDCCC040

Tot Ion:	77	Resp:	384760
Ion	Ratio	Lower	Upper
77	100		
105	100.4	81.4	121.4
106	98.2	78.3	118.3

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#10

Phenol

Concen: 34.899 ng

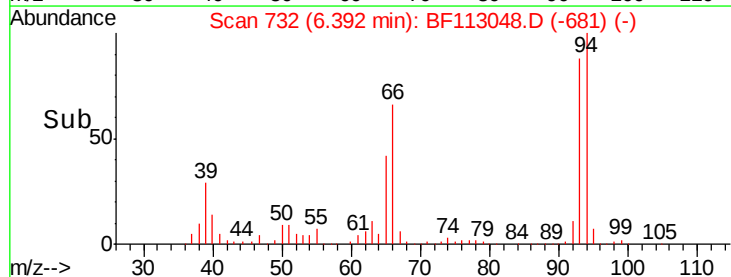
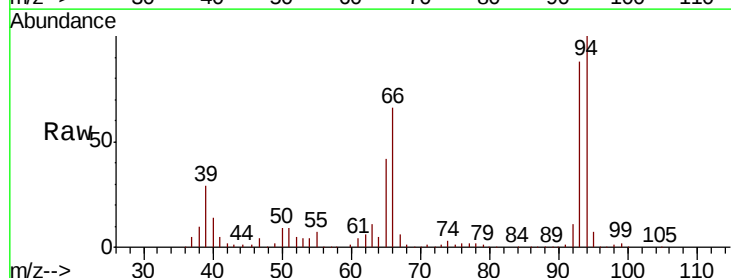
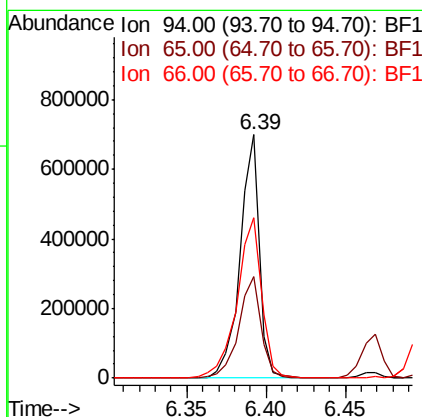
RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Tgt Ion:	94	Resp:	590807
Ion	Ratio	Lower	Upper
94	100		
65	41.6	10.5	50.5
66	66.1	22.6	62.6





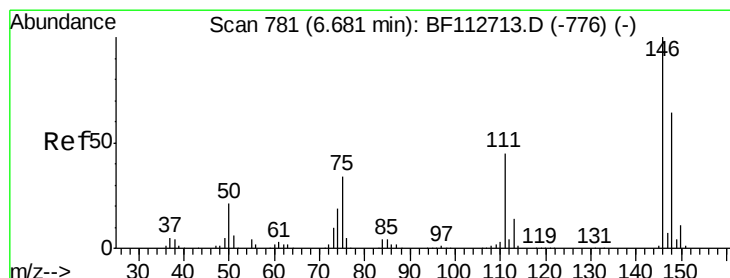
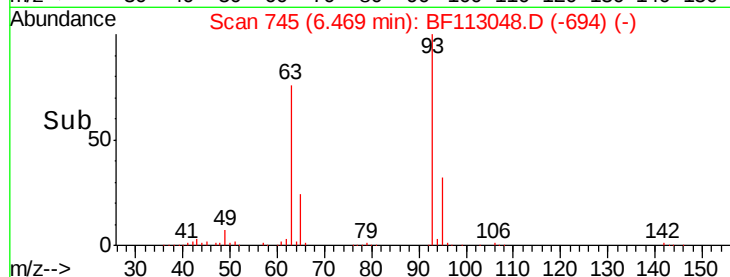
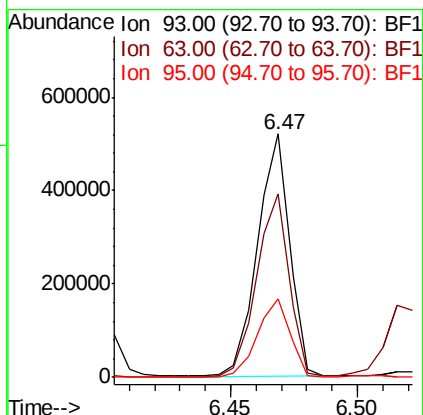
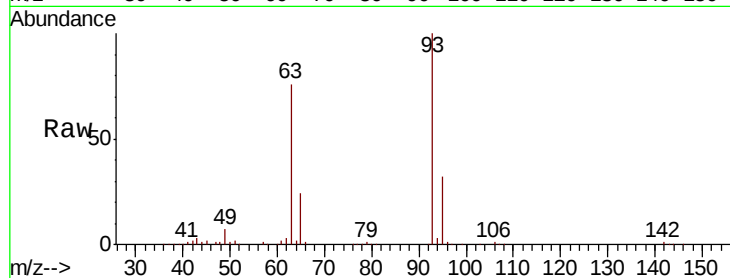
#11
bis(2-Chloroethyl)ether
Concen: 35.501 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.5	60.5	100.5
95	32.2	12.1	52.1

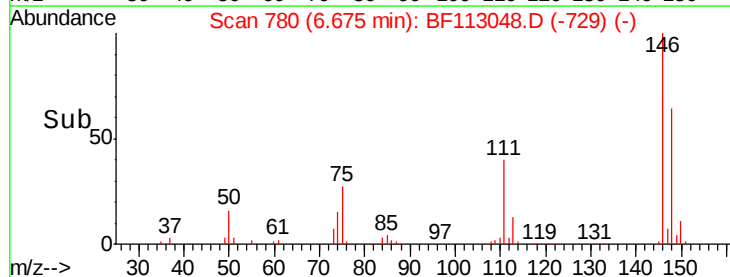
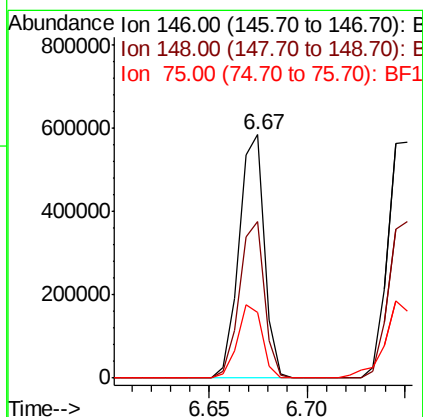
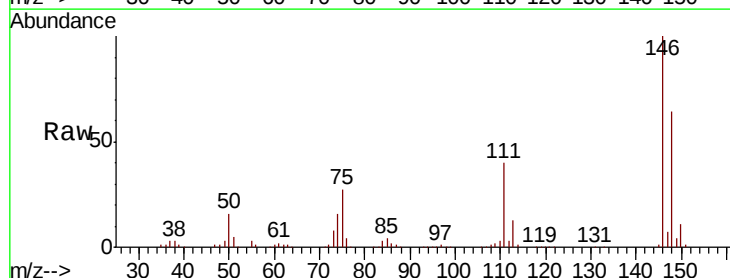
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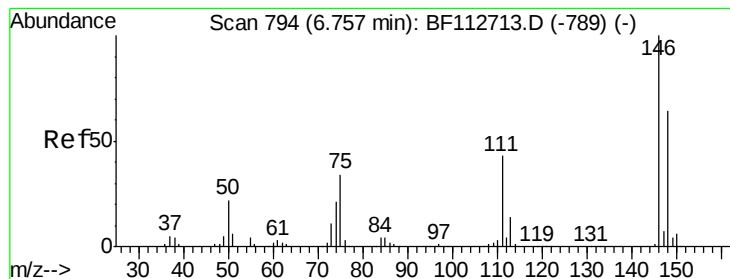
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#12
1,3-Dichlorobenzene
Concen: 39.635 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.9	76.3
75	27.2	26.9	40.3





#13

1,4-Dichlorobenzene

Concen: 40.091 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Instrument :

BNA_F

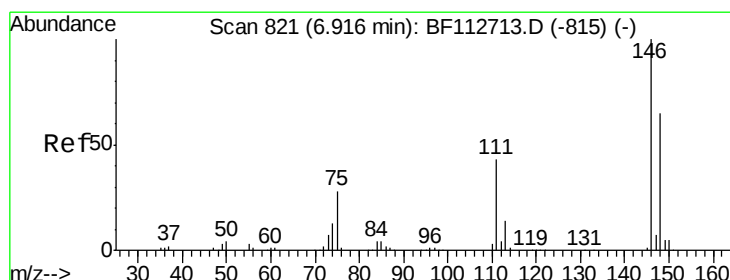
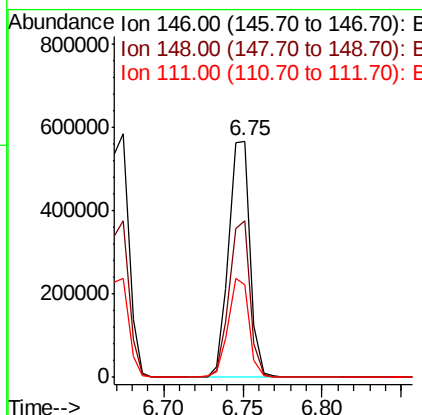
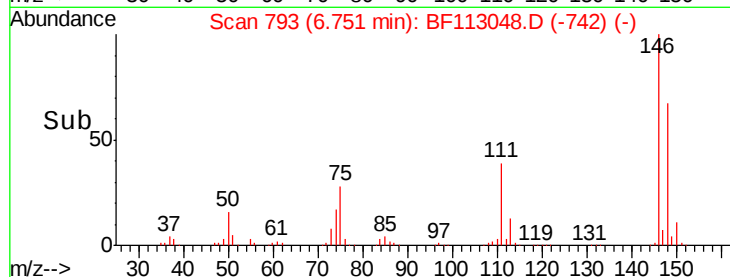
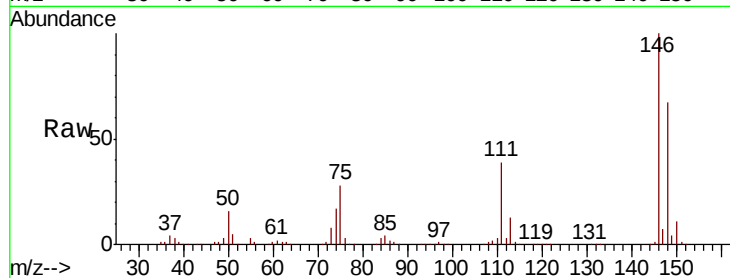
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	533956
Ion Ratio	Lower	Upper	
146	100		
148	66.5	51.0	76.4
111	39.4	34.5	51.7

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#14

1,2-Dichlorobenzene

Concen: 39.486 ng

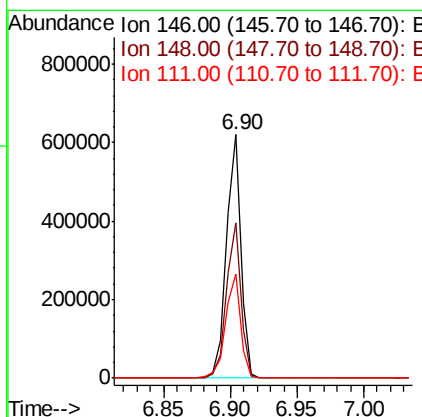
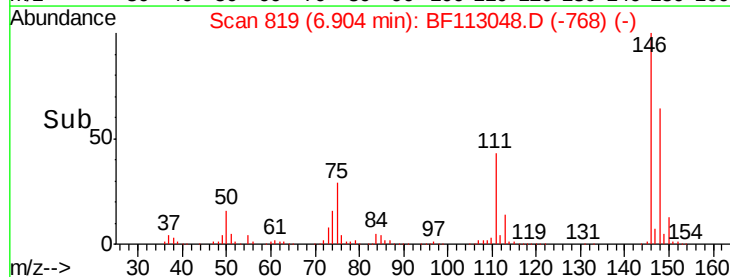
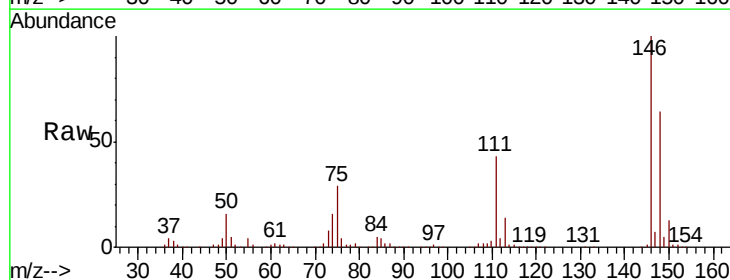
RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Tgt Ion:	146	Resp:	482099
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.0	78.0
111	42.5	34.8	52.2





#15

Benzyl Alcohol

Concen: 37.210 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Instrument :

BNA_F

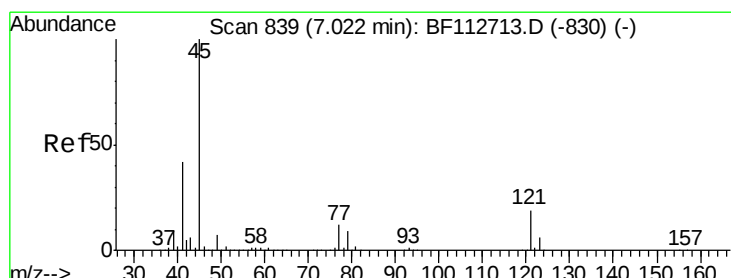
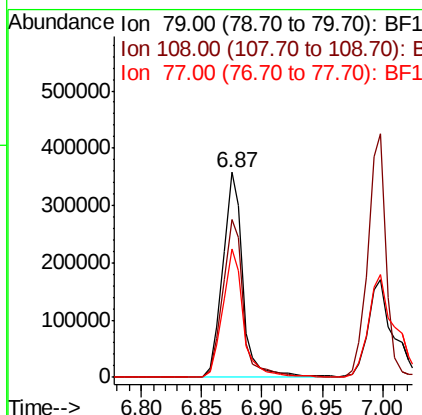
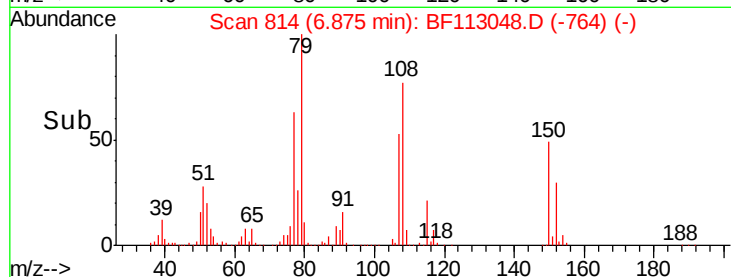
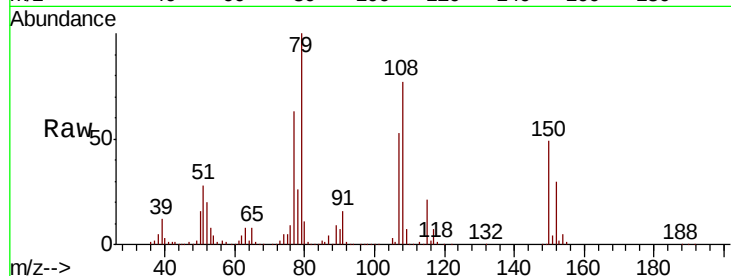
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	411625
Ion Ratio	Lower	Upper	
79	100		
108	77.3	64.2	96.4
77	63.0	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.347 ng

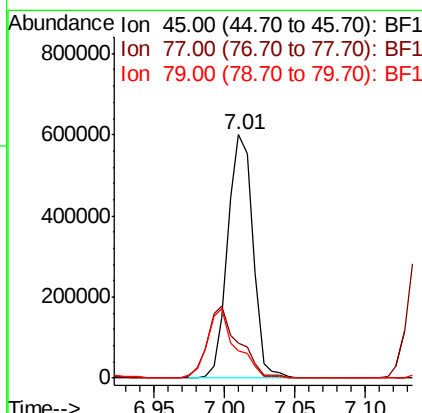
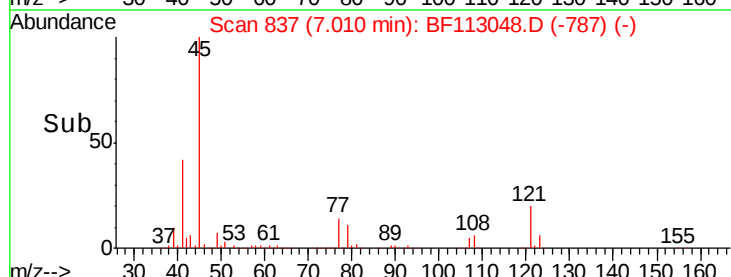
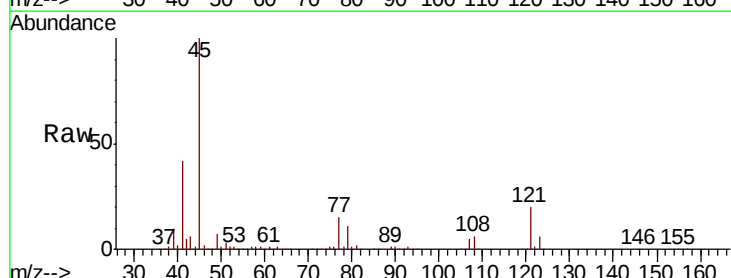
RT: 7.01 min Scan# 837

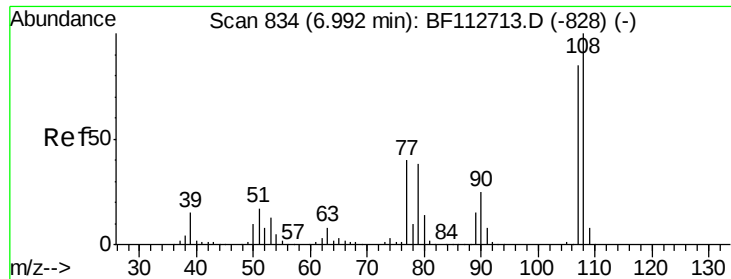
Delta R.T. -0.01 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Tgt Ion:	45	Resp:	744798
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	32.1
79	11.1	0.0	29.4





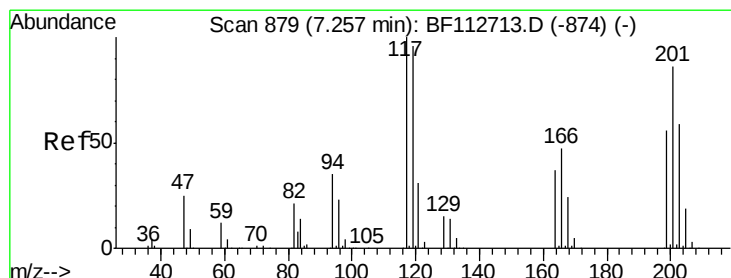
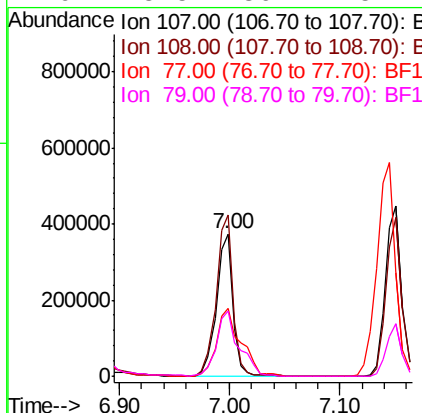
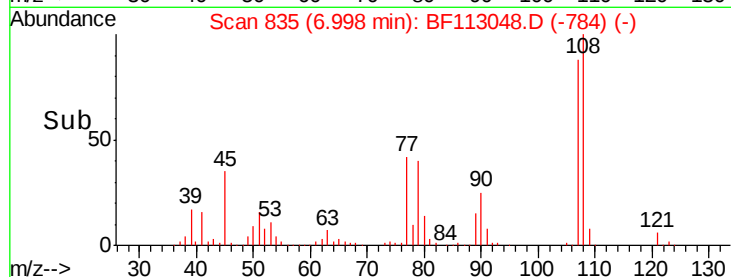
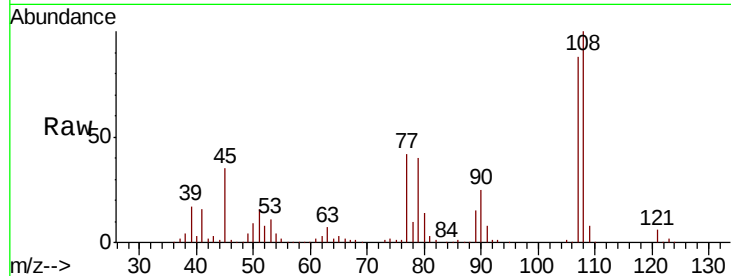
#17
2-Methylphenol
Concen: 37.180 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	94.6	142.0	
77	47.8	37.8	56.8	
79	45.5	36.2	54.2	

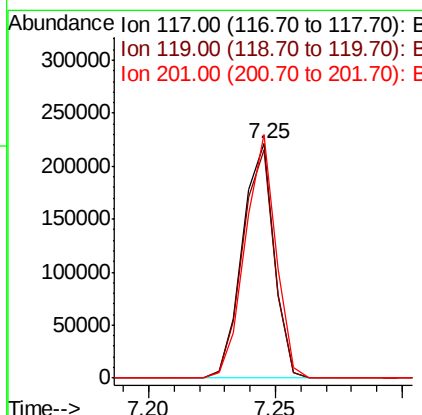
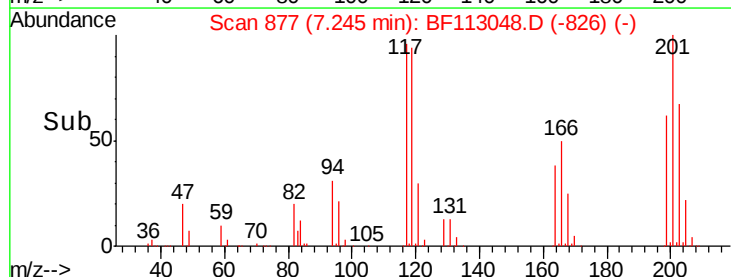
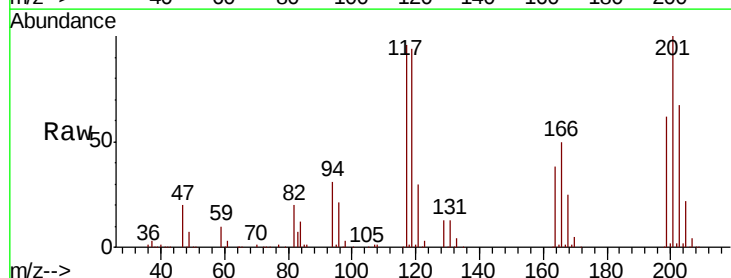
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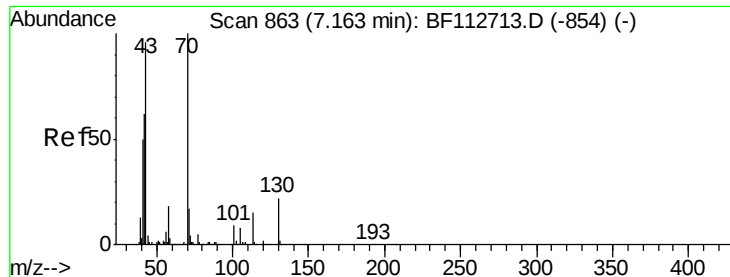
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#18
Hexachloroethane
Concen: 37.746 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	76.6	115.0	
201	104.0	68.9	103.3	





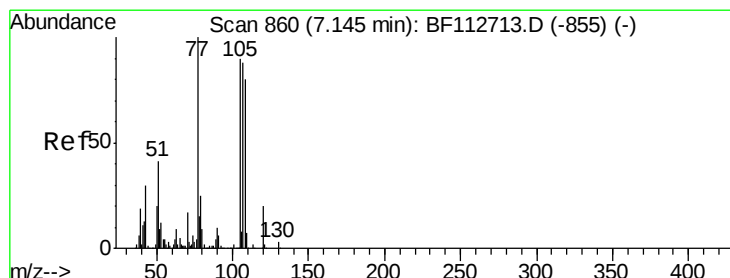
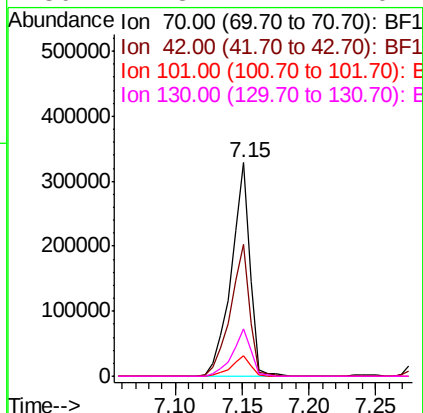
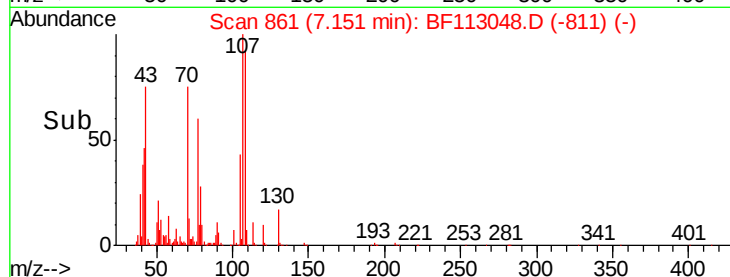
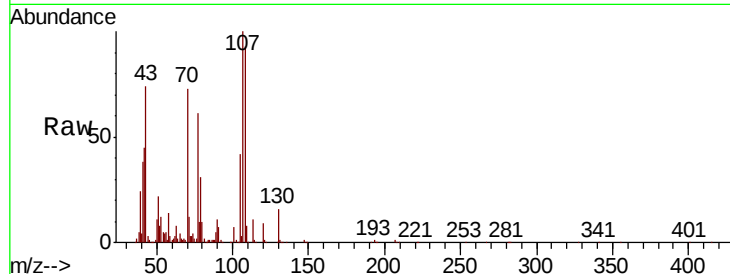
#19
n-Nitroso-di-n-propylamine
Concen: 35.486 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.5	49.9	74.9	
101	9.5	7.4	11.2	
130	22.3	17.4	26.2	

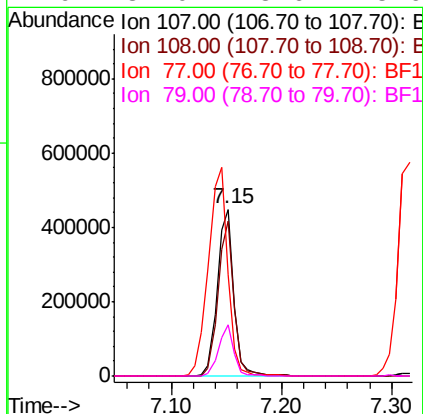
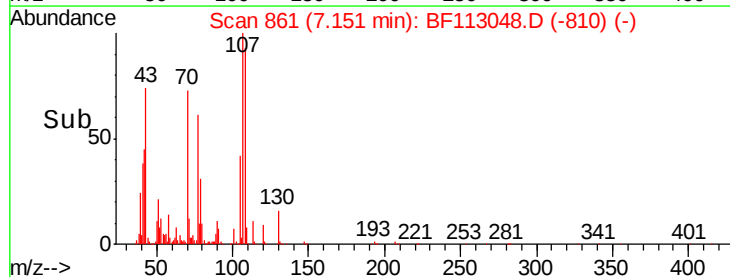
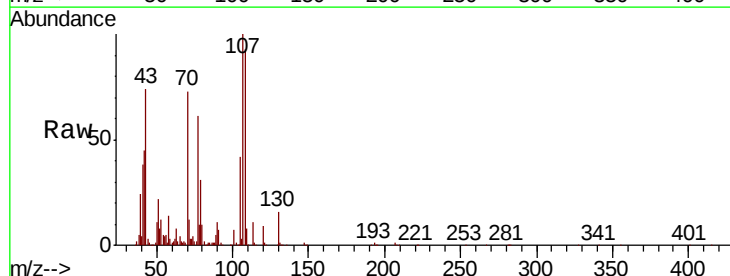
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#20
3+4-Methylphenols
Concen: 38.885 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.2	71.4	111.4	
77	61.0	94.1	134.1#	
79	31.0	8.6	48.6	





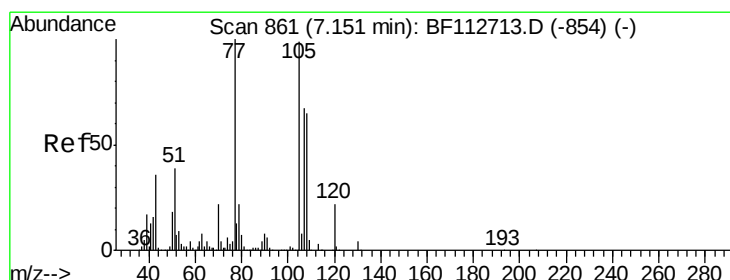
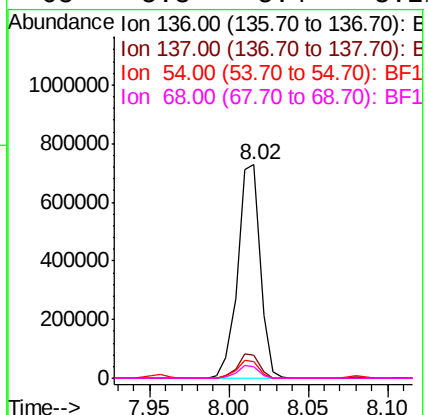
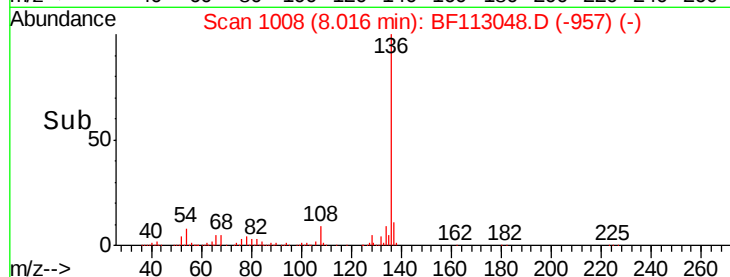
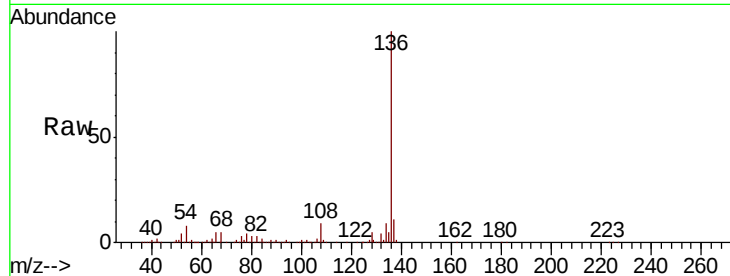
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.6	7.3	10.9
68	5.3	5.4	8.2#

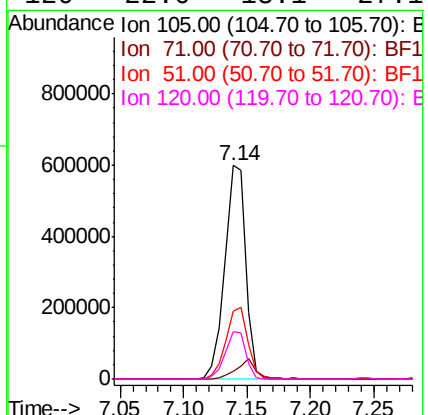
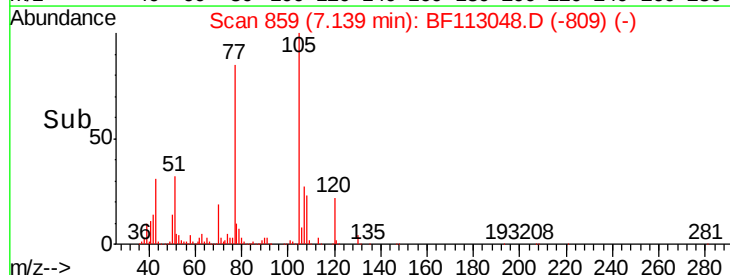
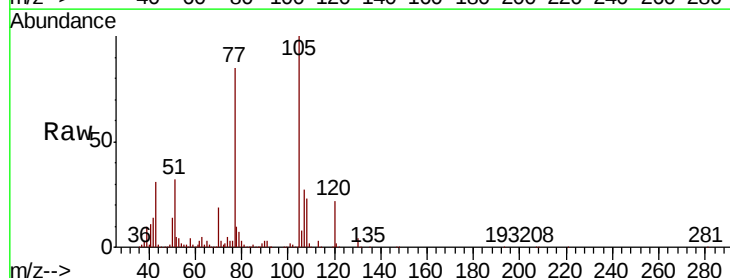
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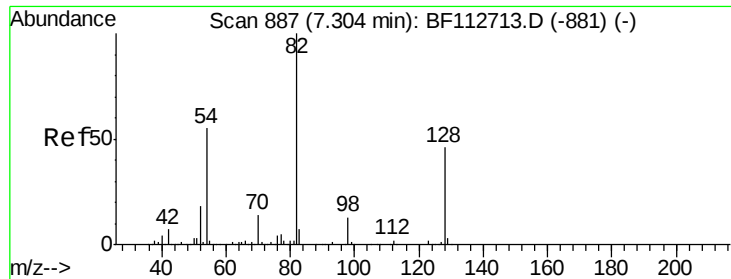
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#22
Acetophenone
Concen: 40.832 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.4	3.0	4.4
51	31.7	31.5	47.3
120	22.0	18.1	27.1





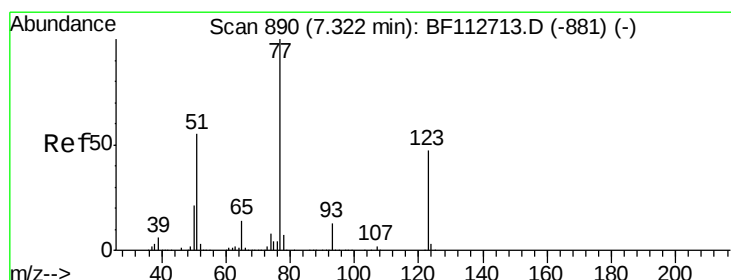
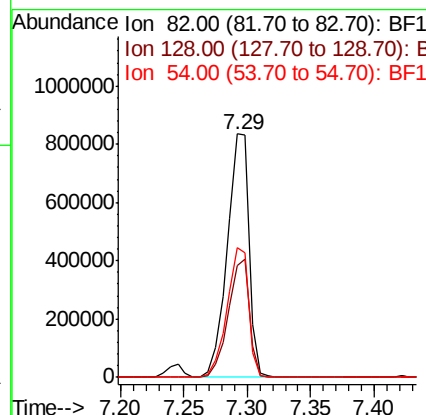
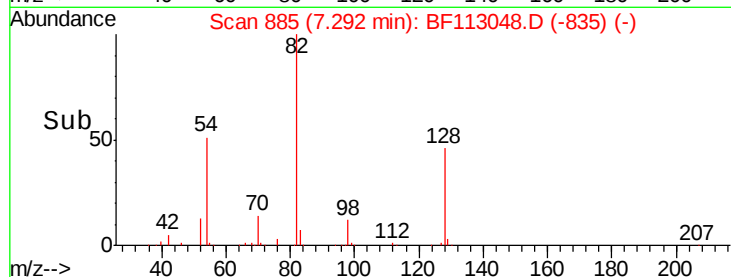
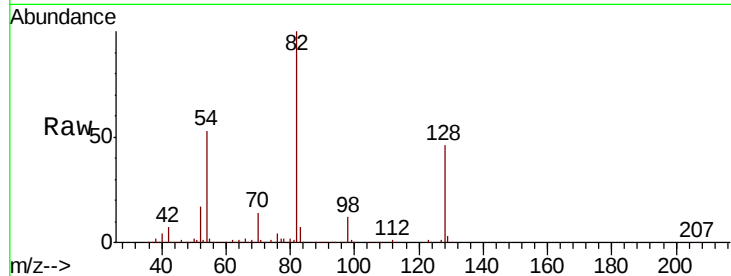
#23
 Nitrobenzene-d5
 Concen: 82.817 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF113048.D
 Acq: 14 Mar 2019 13:38

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.3	54.5
54	53.2	43.7	65.5

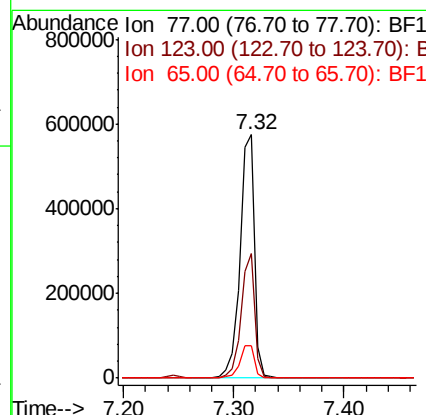
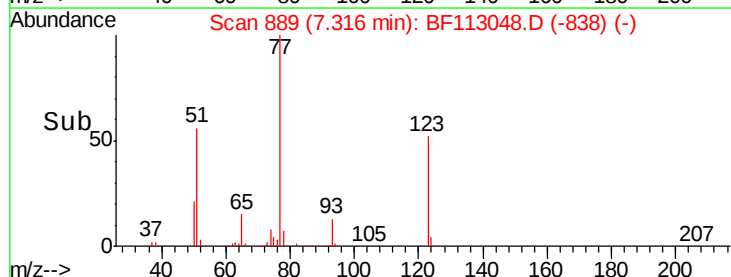
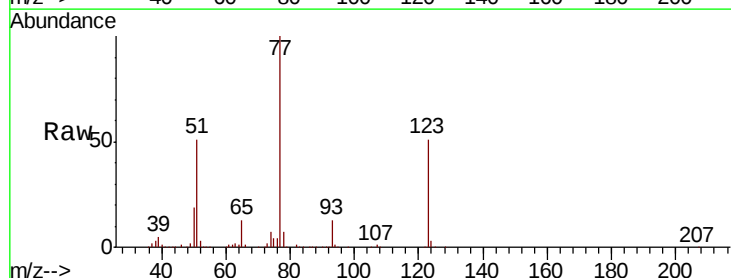
Manual Integrations
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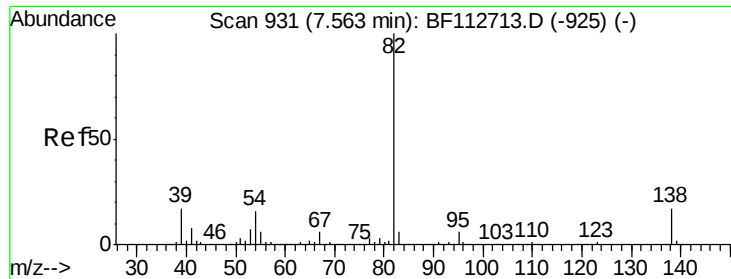
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#24
 Nitrobenzene
 Concen: 39.441 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF113048.D
 Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.4	37.8	56.6
65	13.4	11.1	16.7





#25

Isophorone

Concen: 36.493 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Instrument :

BNA_F

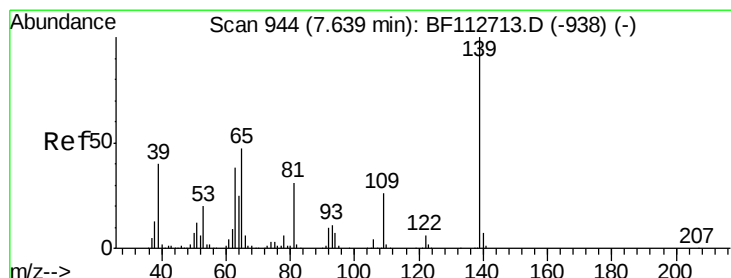
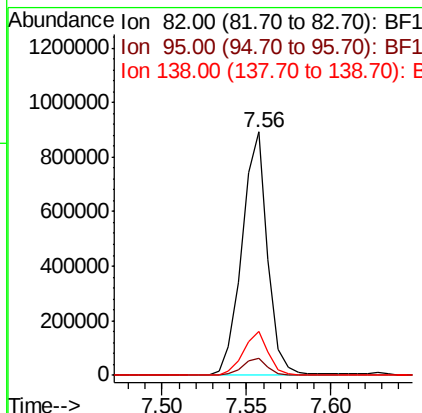
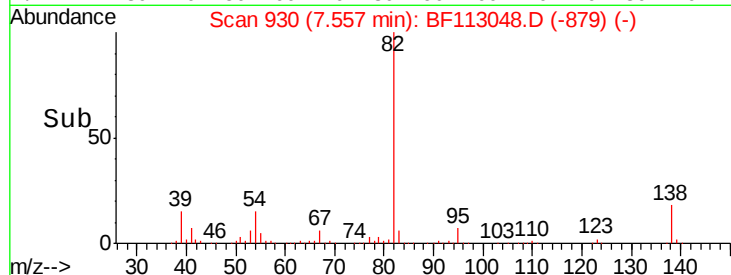
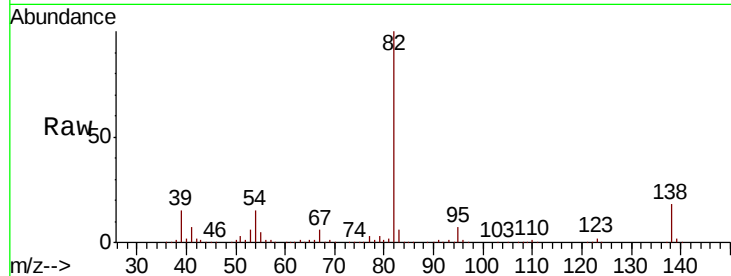
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	945889
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	18.2	13.8	20.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.991 ng

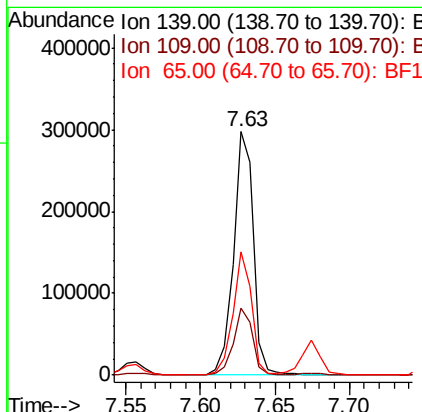
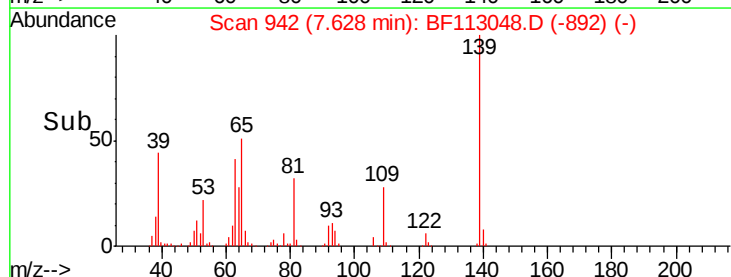
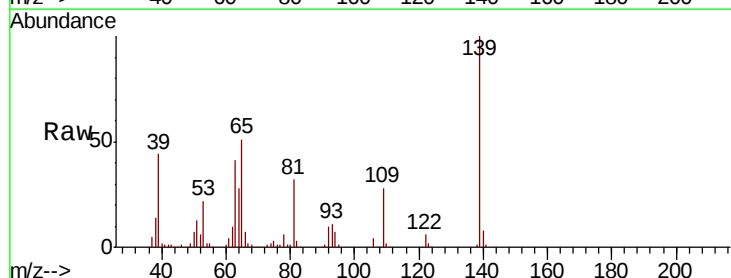
RT: 7.63 min Scan# 942

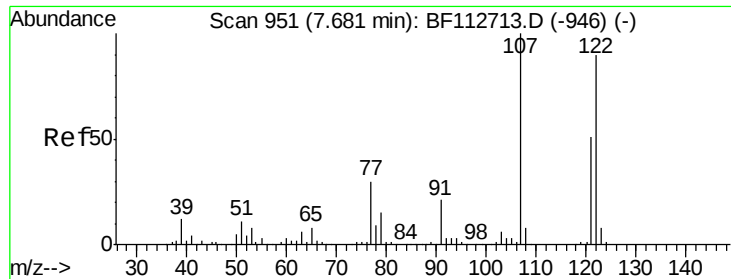
Delta R.T. -0.01 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Tgt Ion:	139	Resp:	278667
Ion Ratio	Lower	Upper	
139	100		
109	27.7	20.6	31.0
65	50.7	37.9	56.9





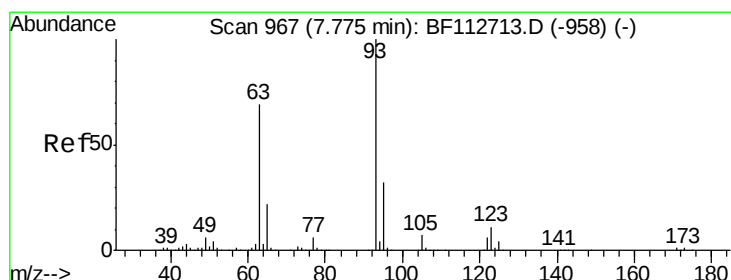
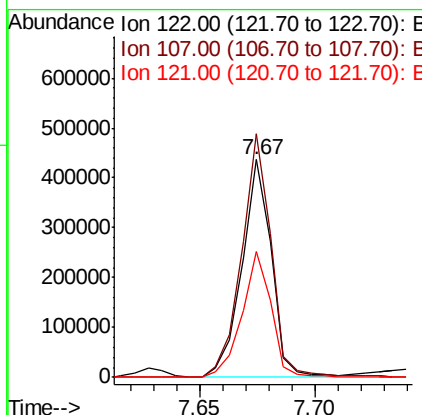
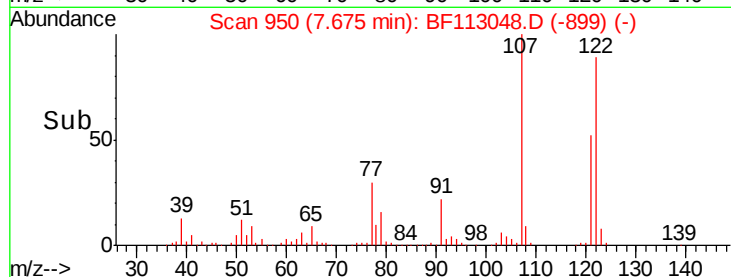
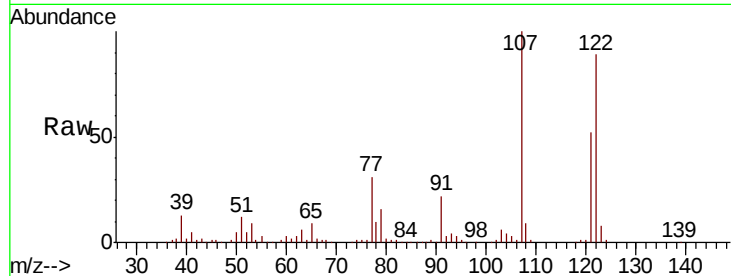
#27
2,4-Dimethylphenol
Concen: 37.768 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	391678		
107	111.9	89.4	134.0	
121	57.8	45.5	68.3	

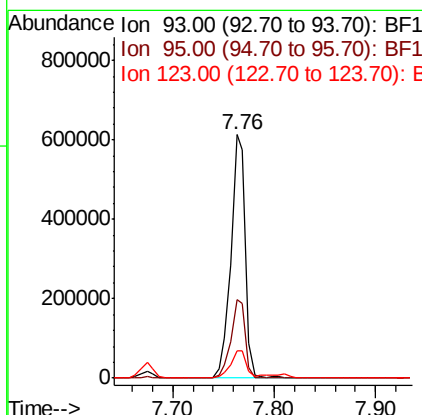
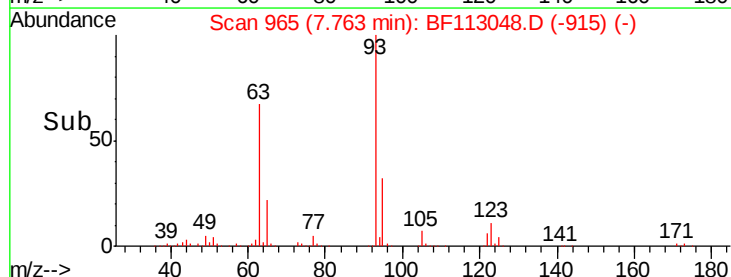
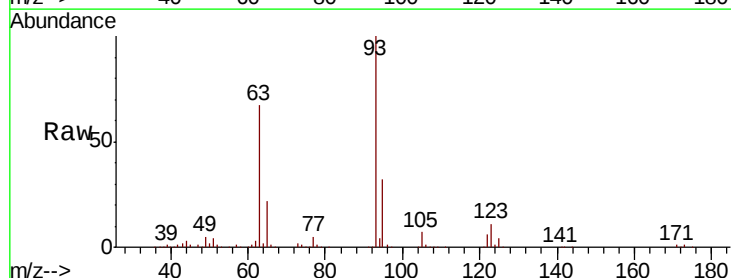
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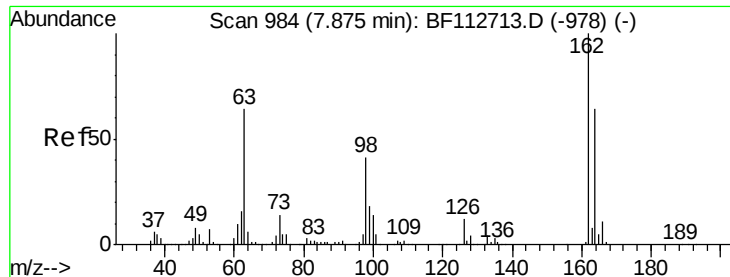
Sohil
3/15/2019 10:03:22 AM



#28
bis(2-Chloroethoxy)methane
Concen: 37.322 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	604831		
95	32.4	26.0	39.0	
123	11.4	9.3	13.9	





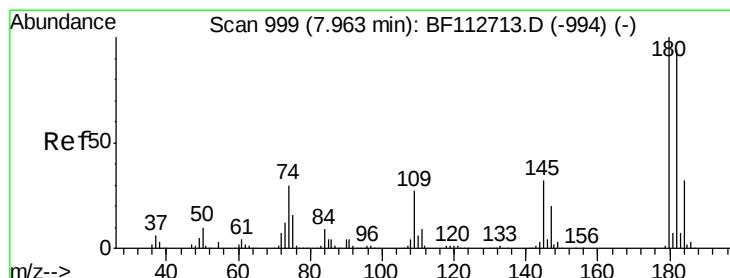
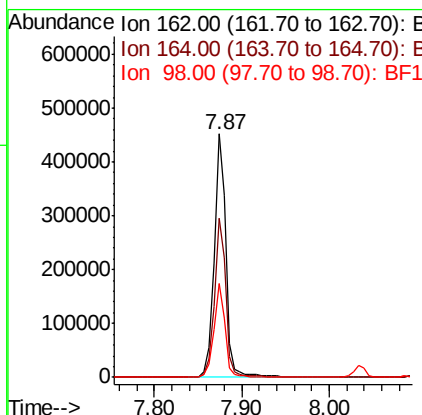
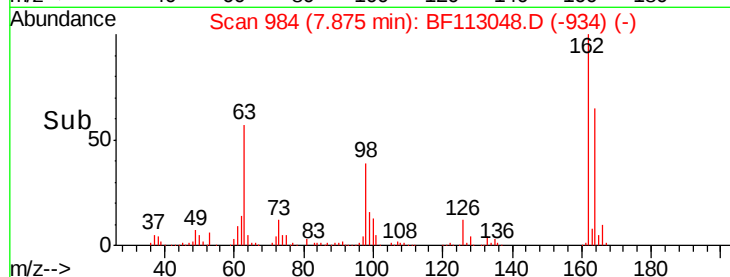
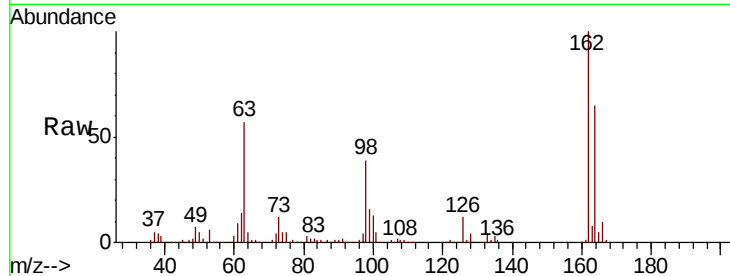
#29
2,4-Dichlorophenol
Concen: 41.895 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.0	84.0
98	38.8	20.7	60.7

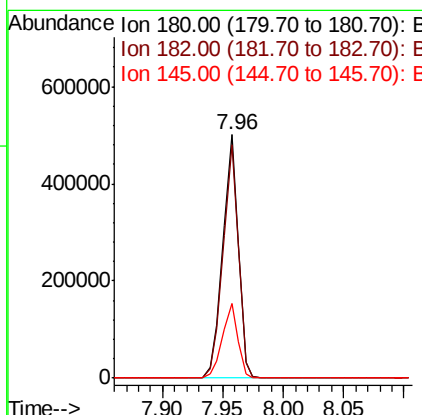
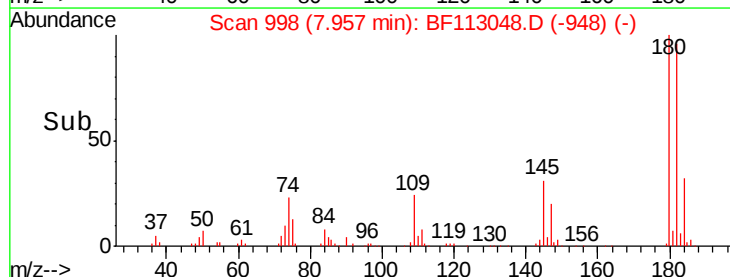
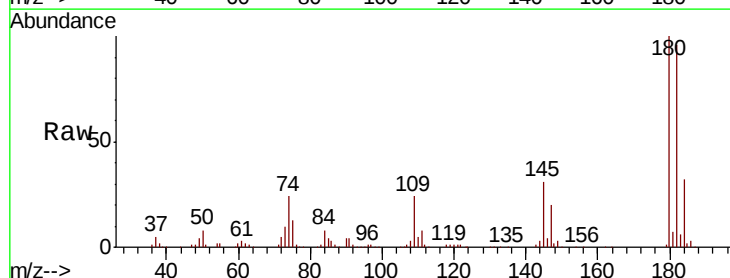
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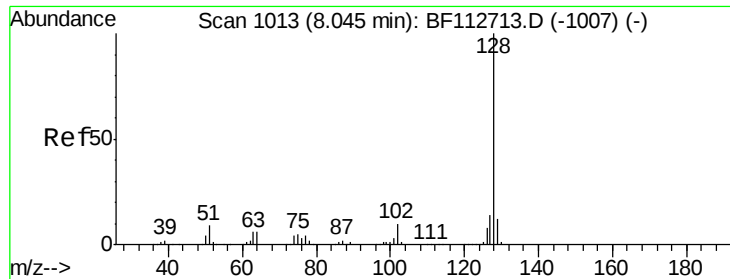
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.460 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.2	112.8
145	30.6	25.4	38.0





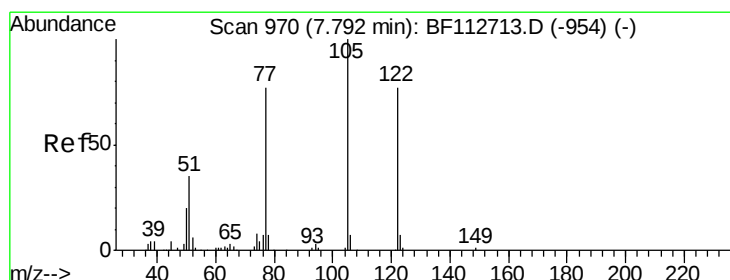
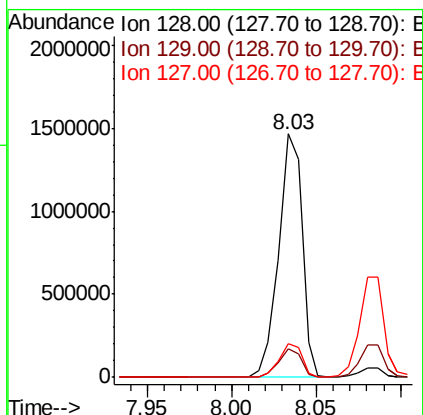
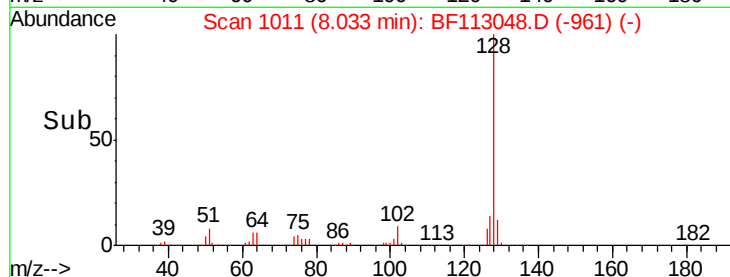
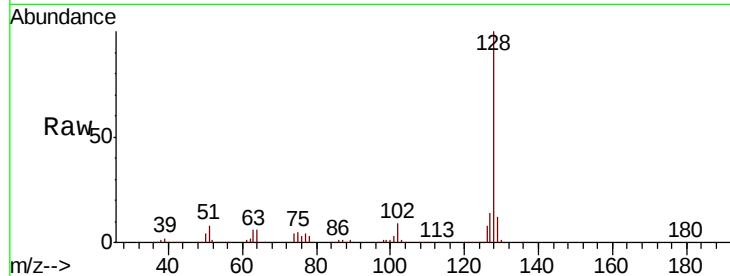
#31
Naphthalene
Concen: 39.167 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.6	10.9	16.3

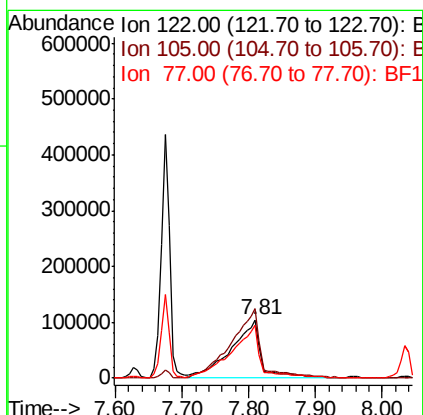
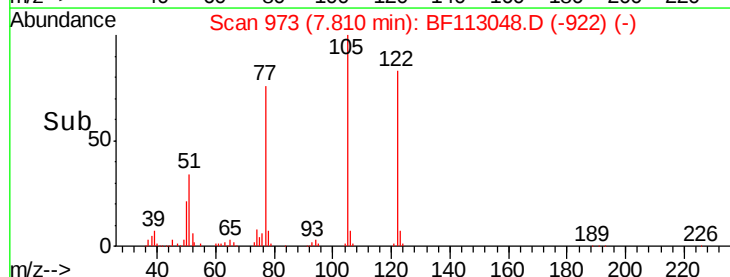
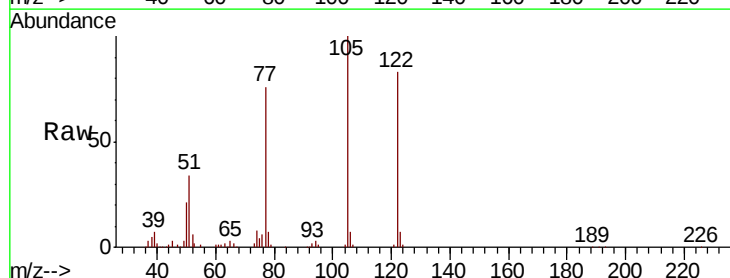
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#32
Benzoic acid
Concen: 43.887 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	106.8	146.8
77	91.4	79.4	119.4





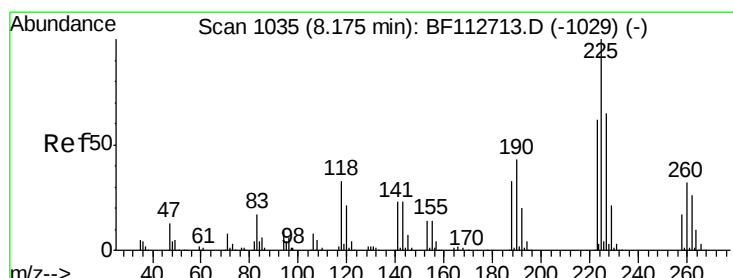
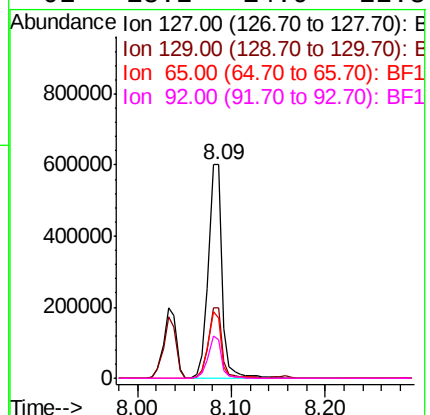
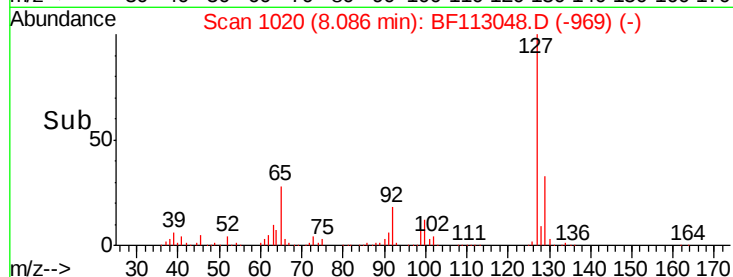
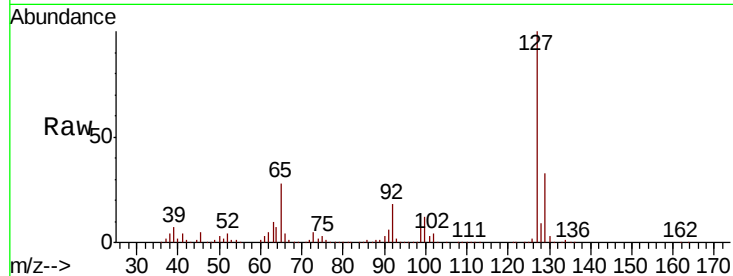
#33
4-Chloroaniline
Concen: 41.182 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.4	39.6		
65	28.1	23.1	34.7		
92	18.2	14.9	22.3		

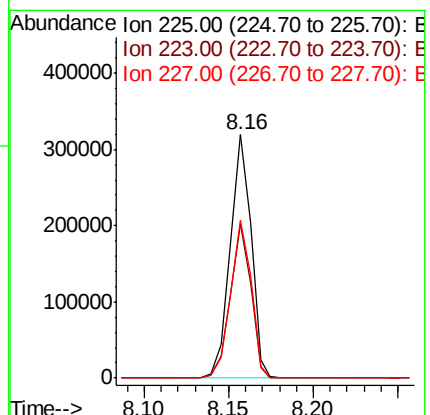
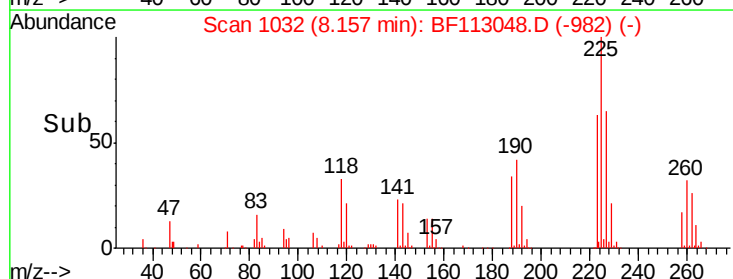
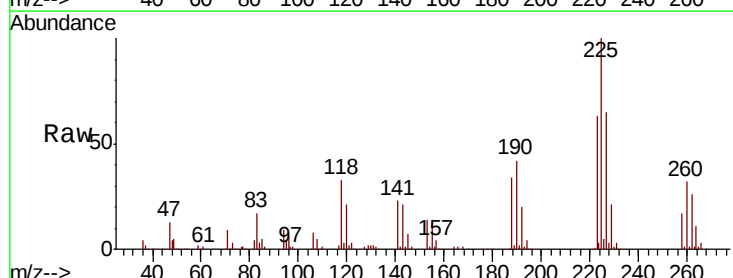
Manual Integrations
APPROVED

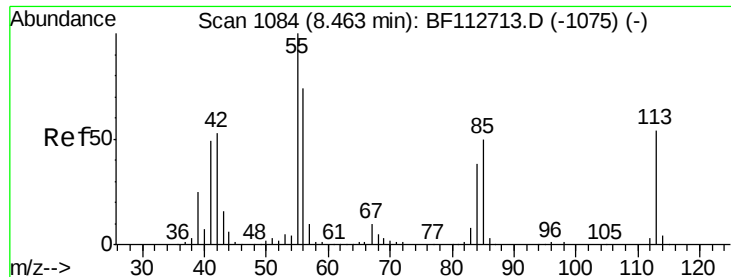
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#34
Hexachlorobutadiene
Concen: 44.927 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.7	74.5		
227	65.0	52.1	78.1		





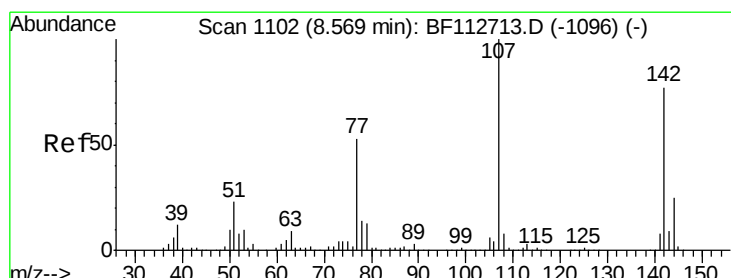
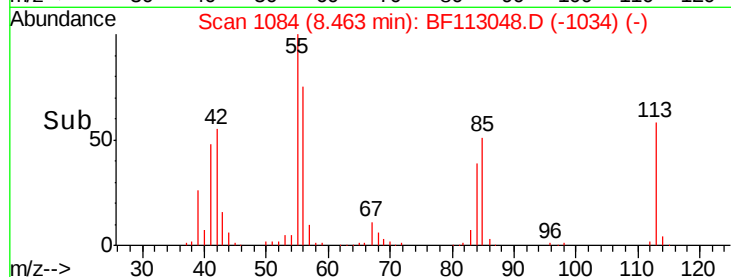
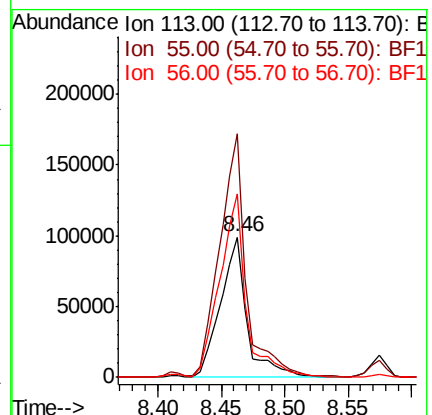
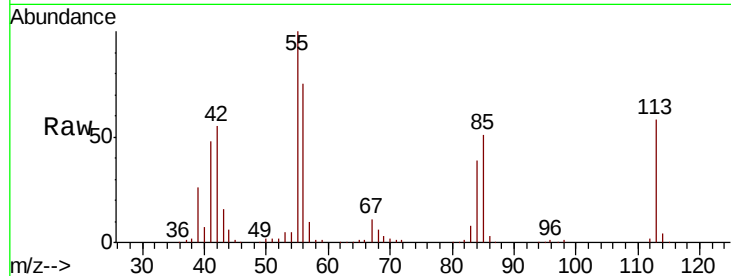
#35
Caprolactam
Concen: 40.845 ng
RT: 8.46 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.8	163.5	203.5
56	131.1	115.3	155.3

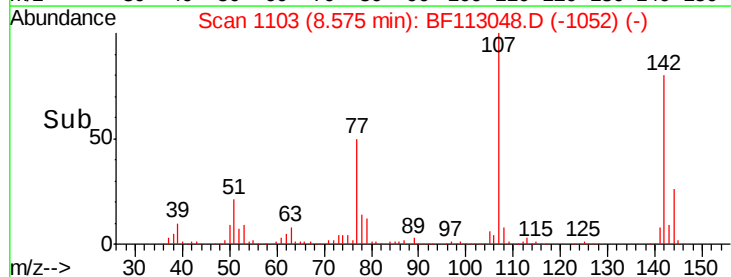
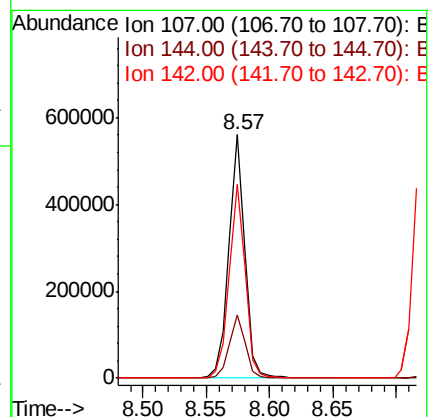
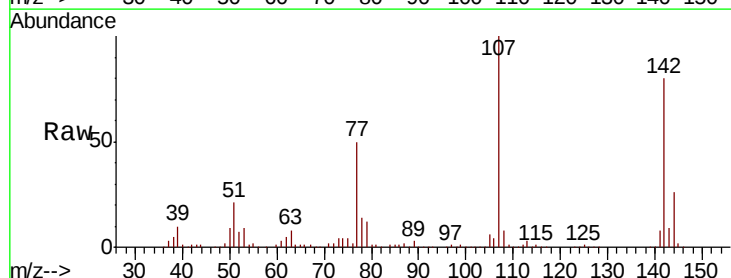
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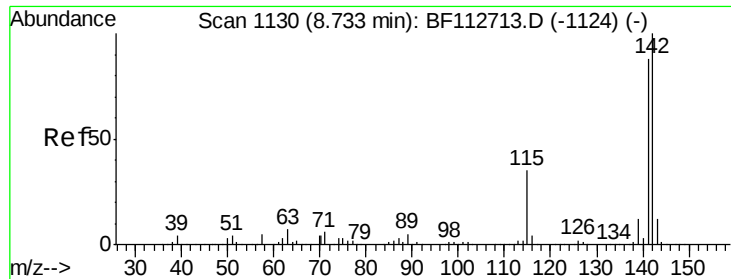
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#36
4-Chloro-3-methylphenol
Concen: 44.371 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.1	30.1
142	79.5	61.9	92.9





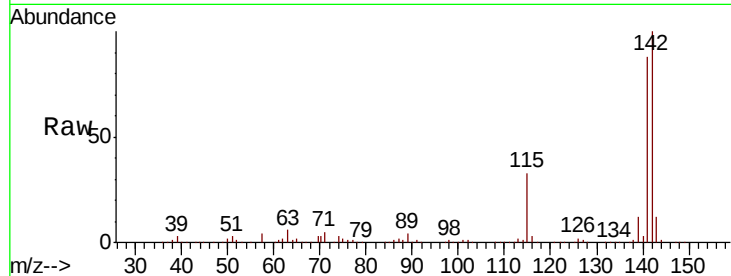
#37
2-Methylnaphthalene
Concen: 44.686 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5
115	33.4	27.8	41.6

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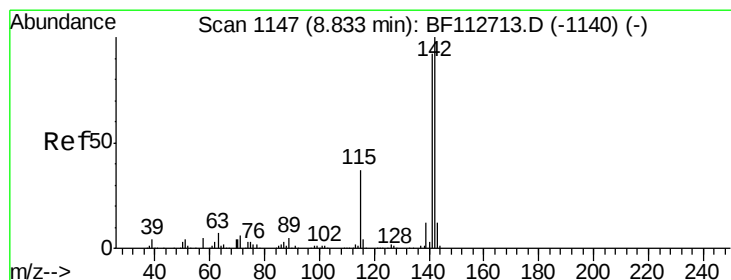
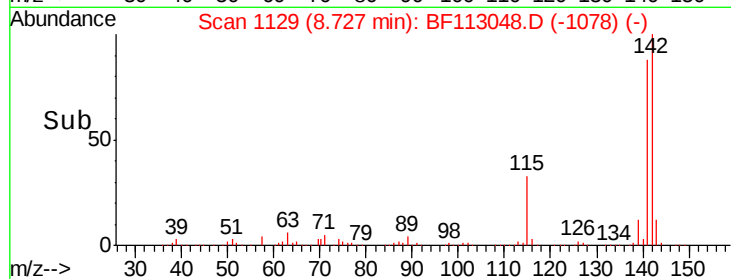
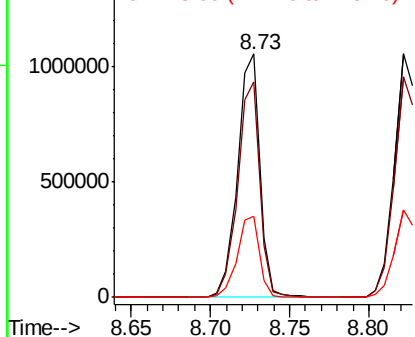


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.706 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

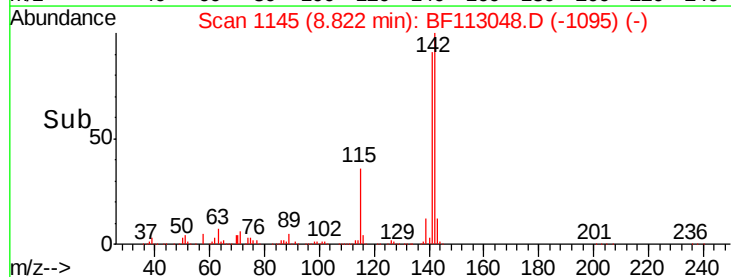
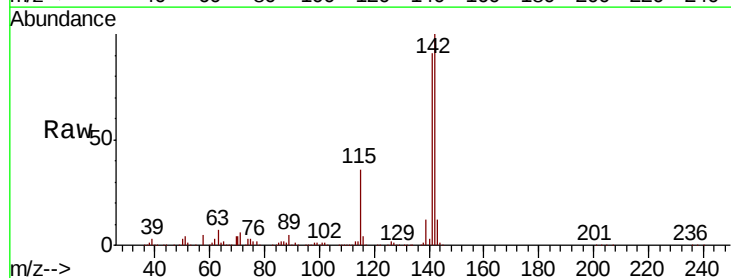
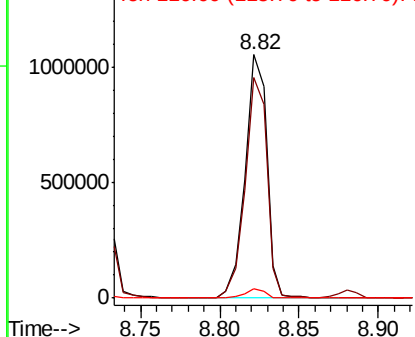
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.7	110.5
116	3.8	3.1	4.7

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





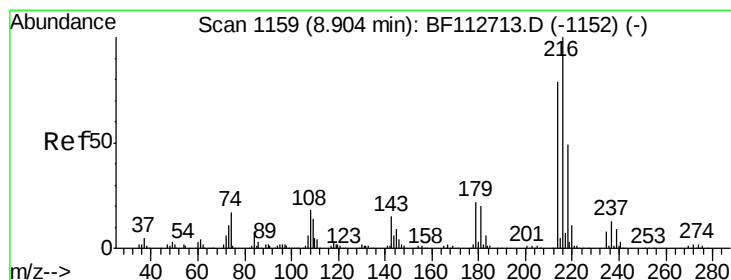
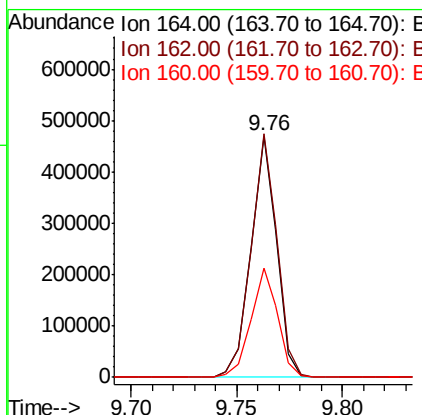
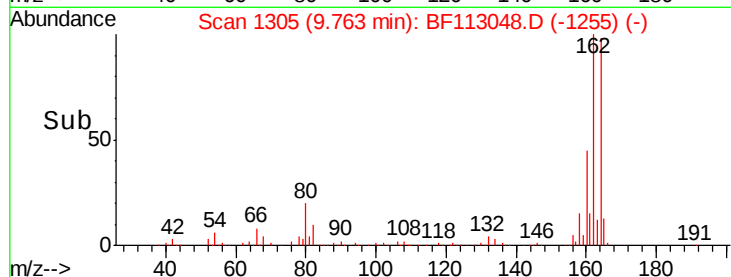
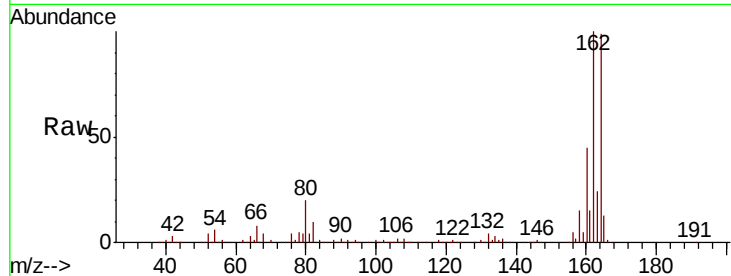
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	45.4	36.0	54.0

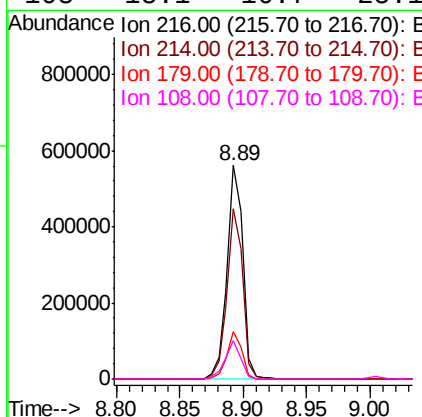
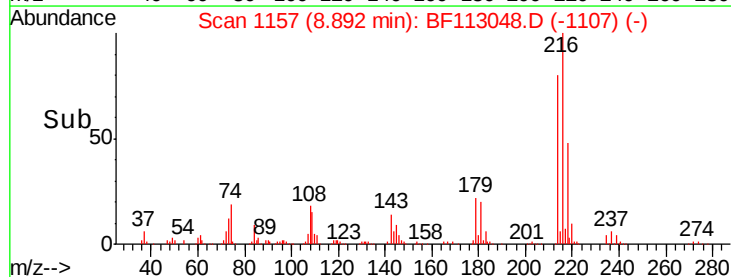
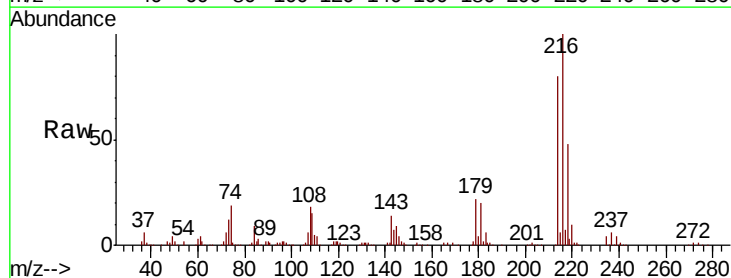
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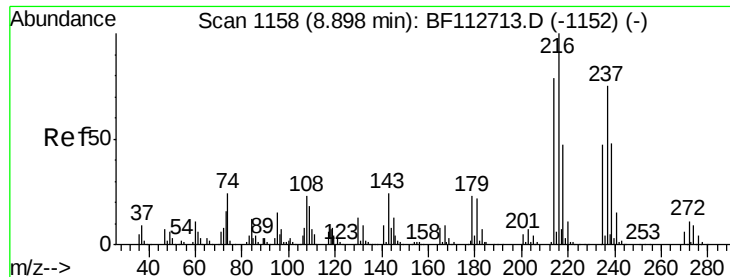
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.899 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.2	94.8
179	21.0	17.5	26.3
108	18.1	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 38.323 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Instrument :

BNA_F

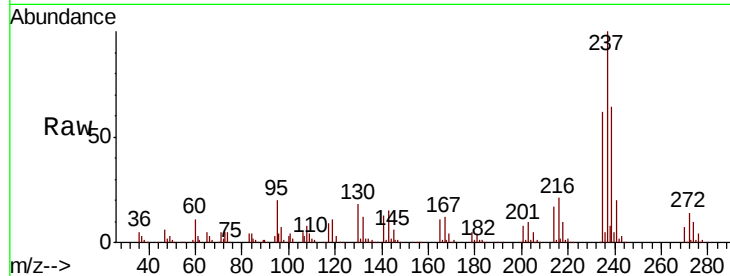
ClientSampleId :

SSTDCCC040

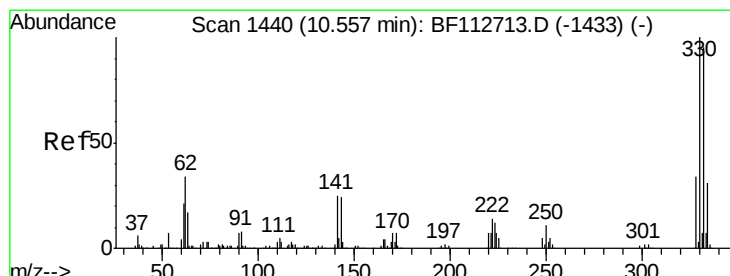
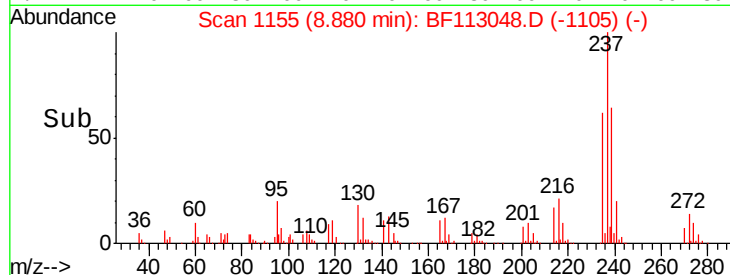
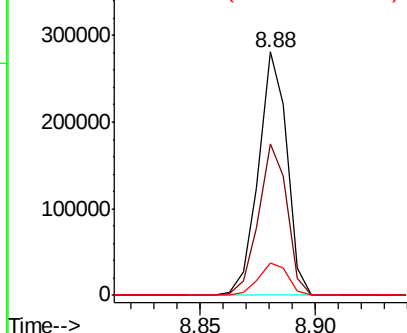
Tot Ion:	237	Resp:	243456
Ion Ratio	Lower	Upper	
237	100		
235	62.5	42.2	82.2
272	13.6	0.0	34.0

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



#42

2,4,6-Tribromophenol

Concen: 92.963 ng

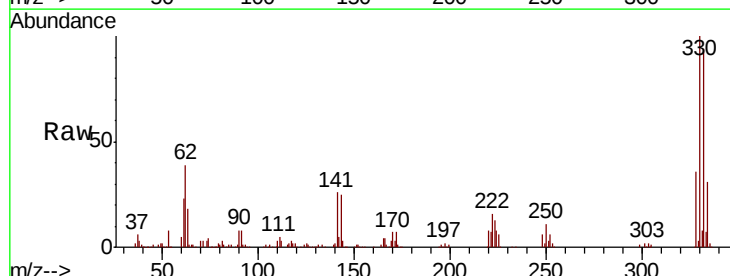
RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

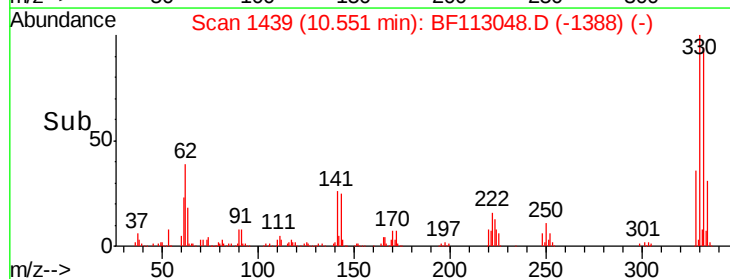
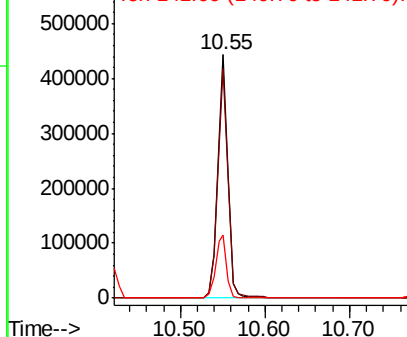
Lab File: BF113048.D

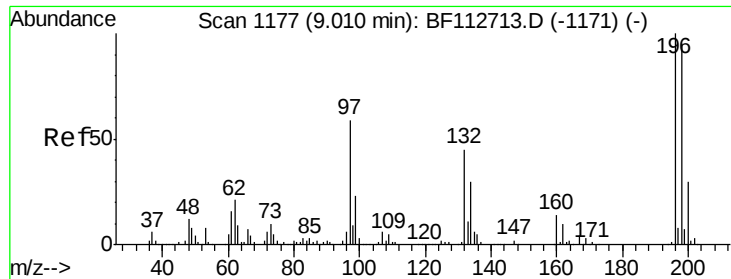
Acq: 14 Mar 2019 13:38

Tgt Ion:	330	Resp:	392620
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.2	114.4
141	27.8	27.0	40.6



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





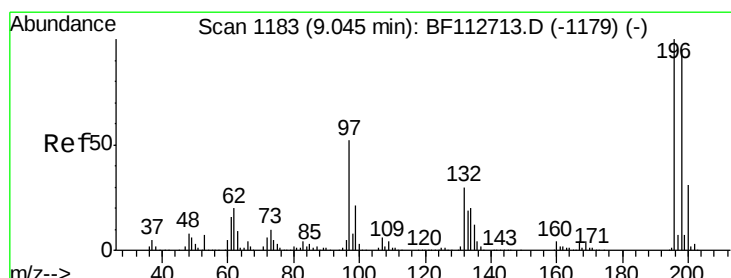
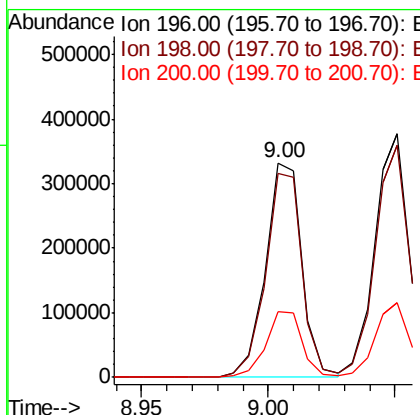
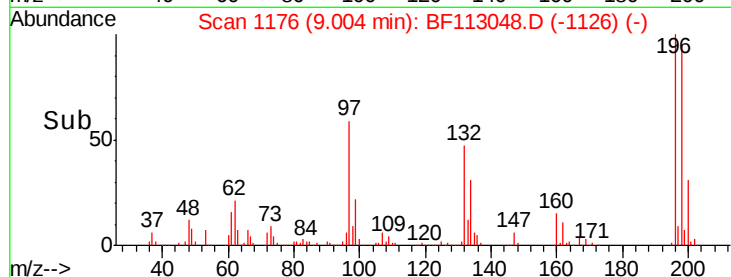
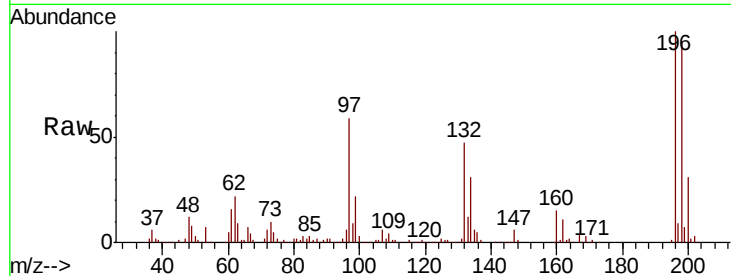
#43
 2,4,6-Trichlorophenol
 Concen: 41.995 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF113048.D
 Acq: 14 Mar 2019 13:38

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	335291		
198	95.0	75.8	113.8	
200	30.5	24.3	36.5	

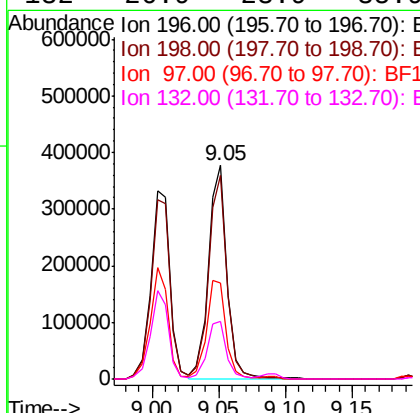
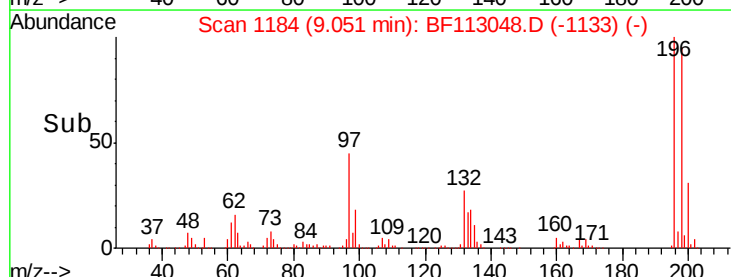
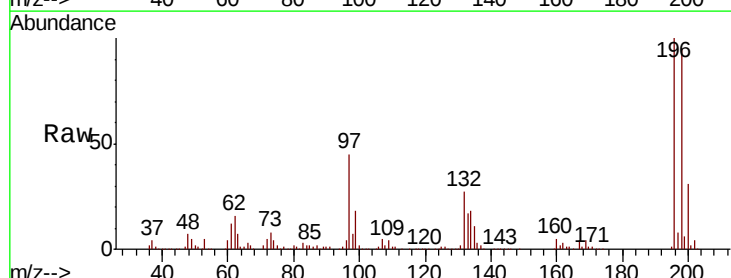
Manual Integrations
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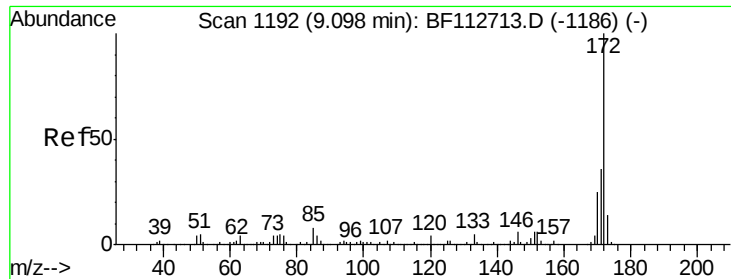
Sohil
 3/15/2019 10:03:22 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.196 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF113048.D
 Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	364145		
198	95.3	76.2	114.2	
97	45.1	41.5	62.3	
132	26.9	23.9	35.9	





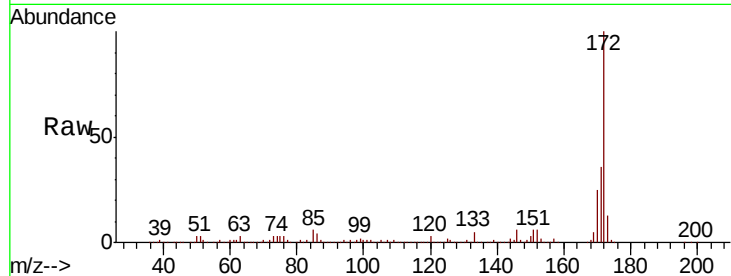
#45
2-Fluorobiphenyl
Concen: 80.240 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.3	29.0	43.4	
170	24.9	20.0	30.0	

Manual Integrations
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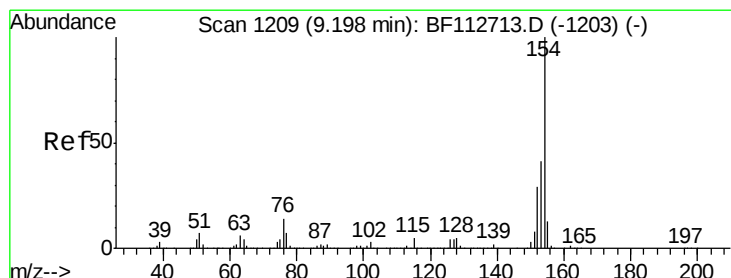
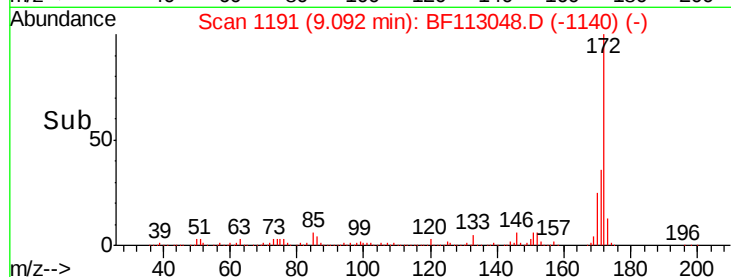
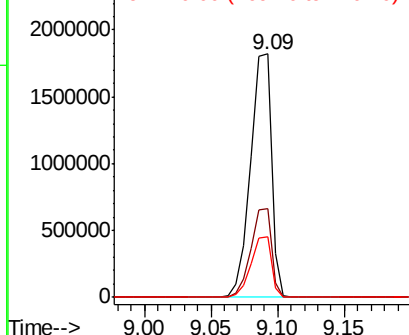


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.307 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

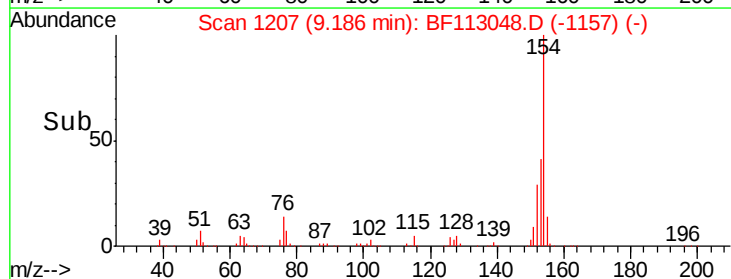
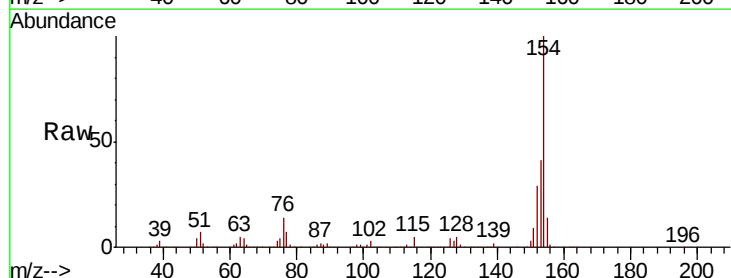
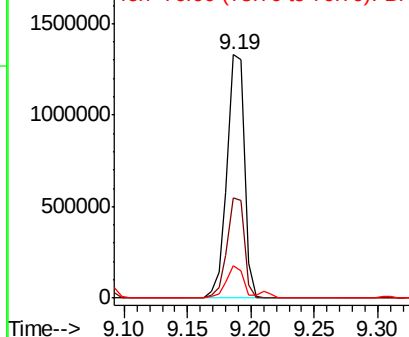
Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.3	20.8	60.8	
76	13.5	0.0	33.8	

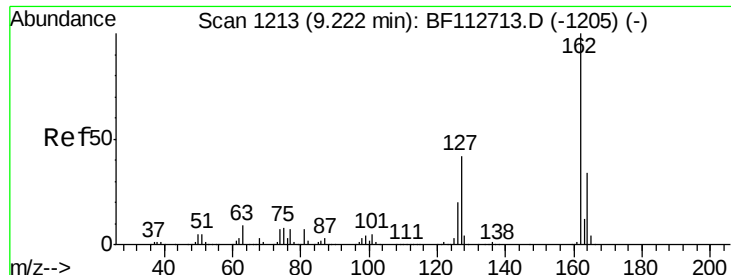
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





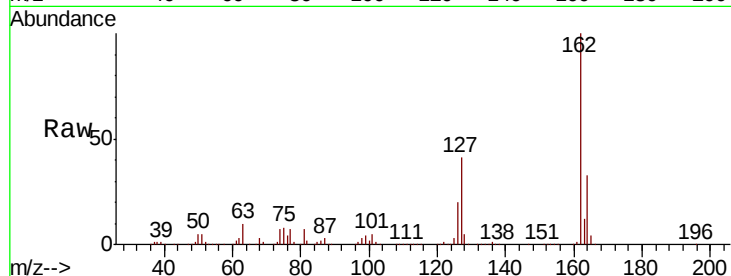
#47
2-Chloronaphthalene
Concen: 38.501 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	975515		
127	41.3		33.4	50.2
164	33.0		26.9	40.3

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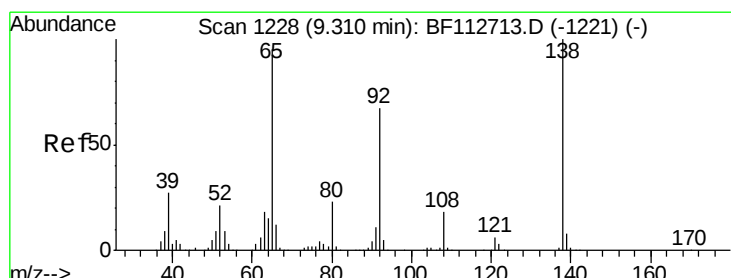
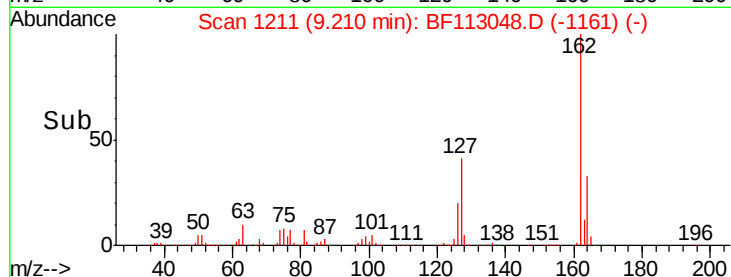
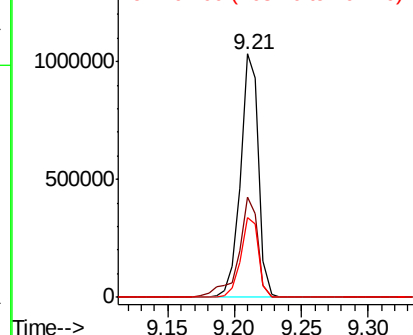


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.412 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

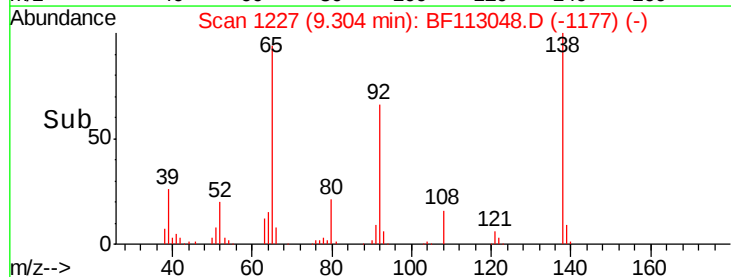
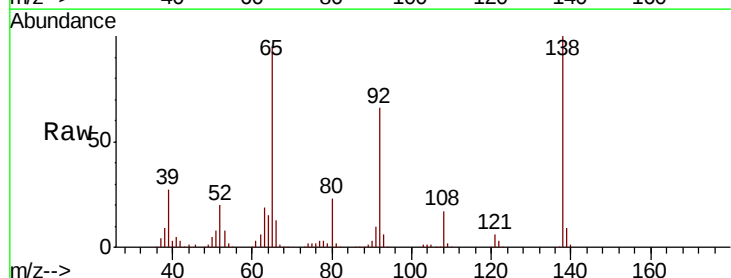
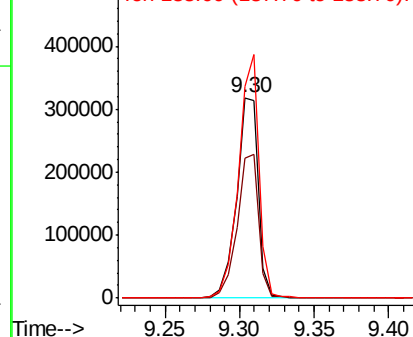
Tgt Ion	Ratio	Resp	Lower	Upper
65	100	326629		
92	69.8		56.4	84.6
138	105.3		84.6	126.8

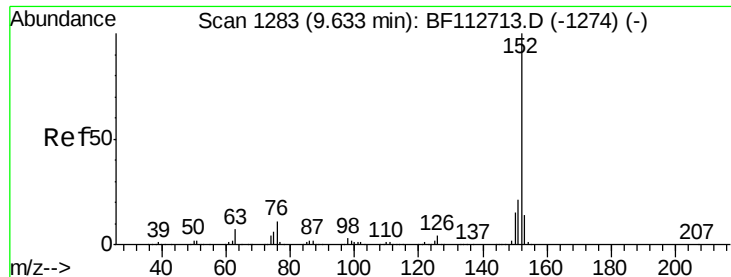
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





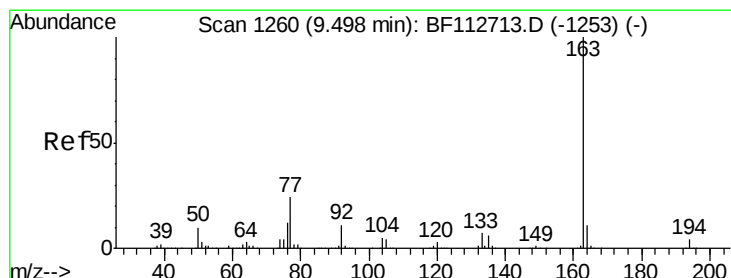
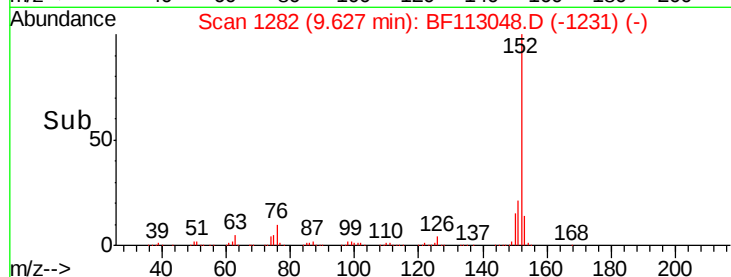
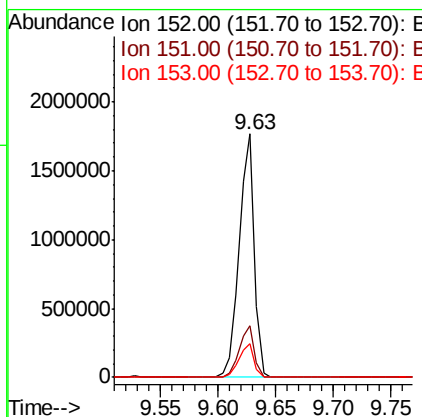
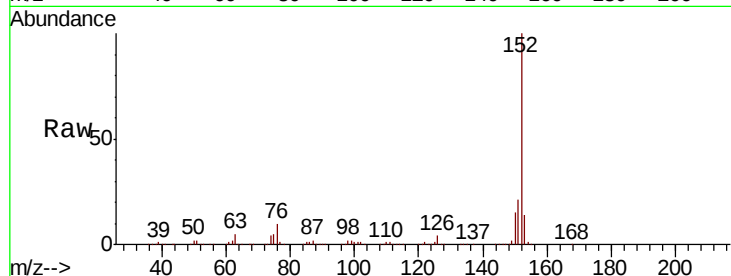
#49
Acenaphthylene
Concen: 37.279 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.9	25.3
153	13.6	11.0	16.6

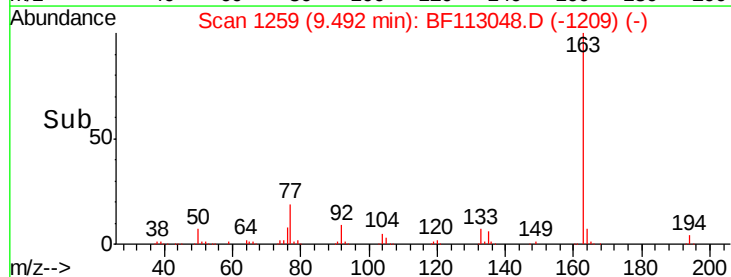
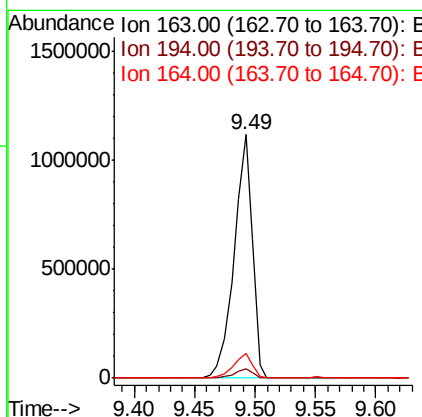
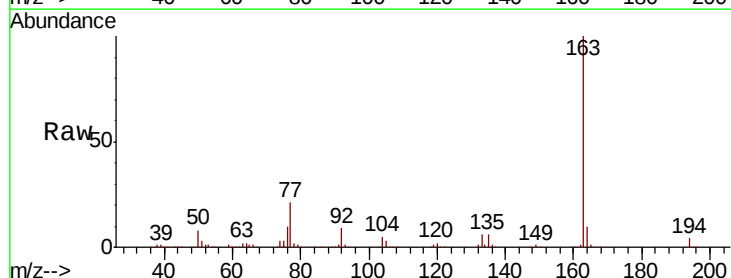
Manual Integrations
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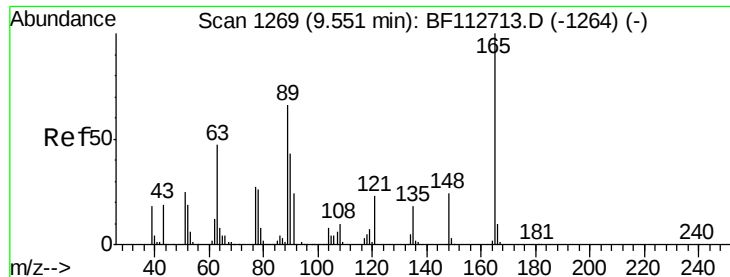
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#50
Dimethylphthalate
Concen: 40.059 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.4	8.4	12.6





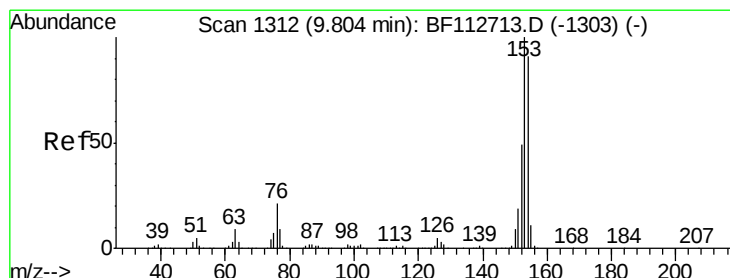
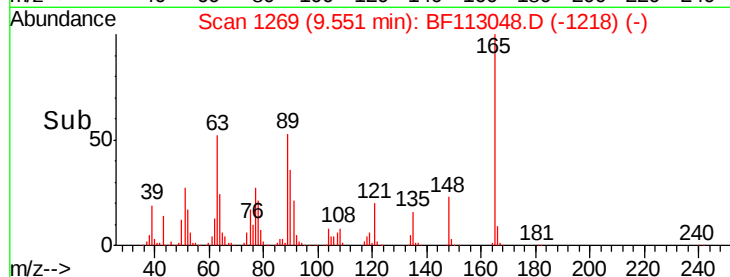
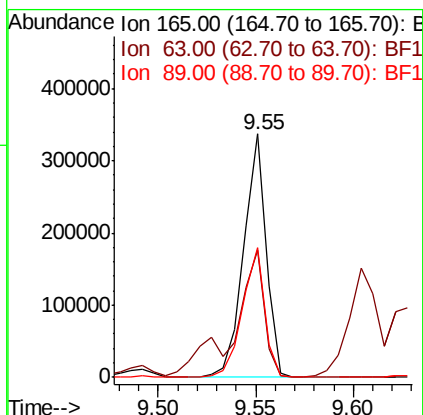
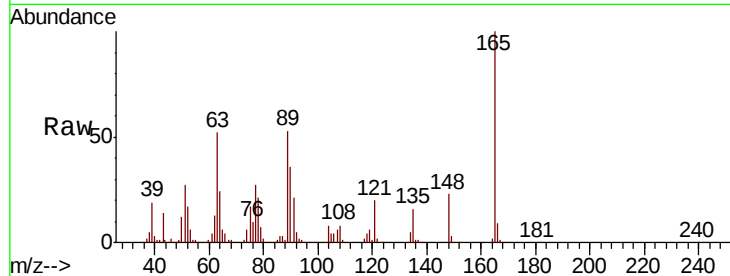
#51
2,6-Dinitrotoluene
Concen: 44.126 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	54.1	81.1#
89	53.2	52.8	79.2

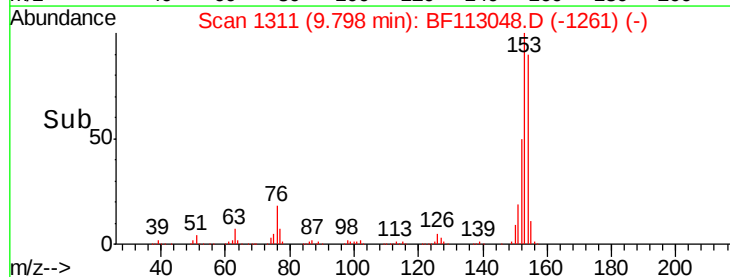
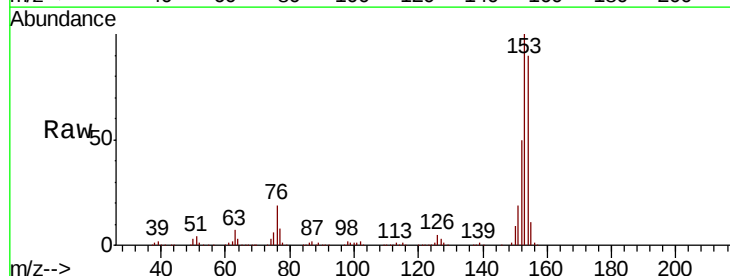
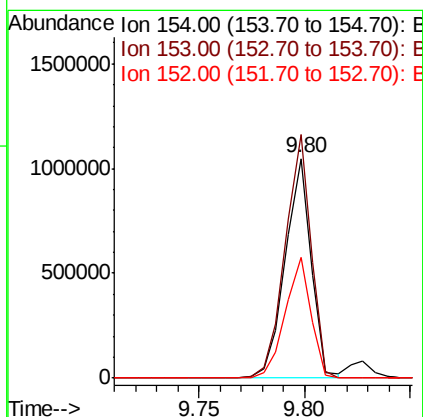
Manual Integrations
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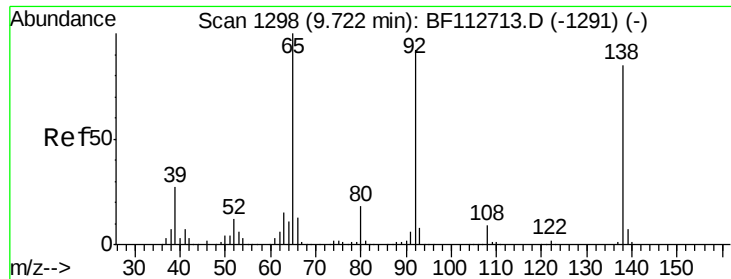
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#52
Acenaphthene
Concen: 35.958 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	87.8	131.8
152	54.9	43.0	64.6





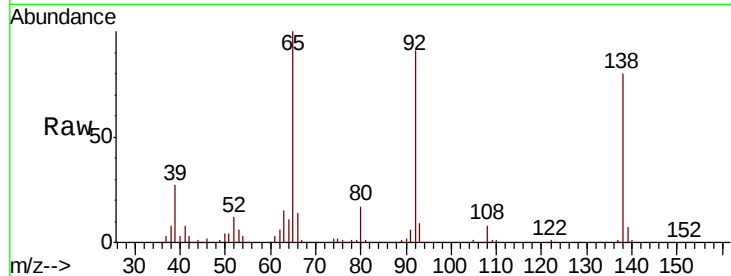
#53
3-Nitroaniline
Concen: 41.892 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.6	13.0
92	114.0	86.6	129.8

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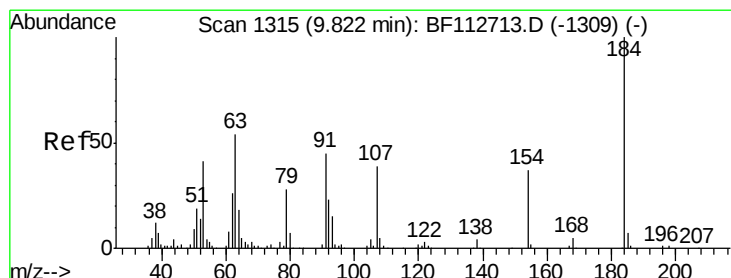
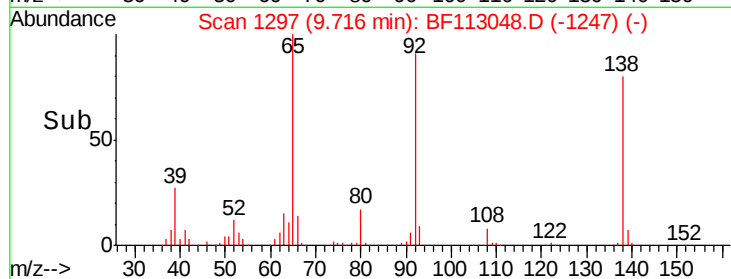
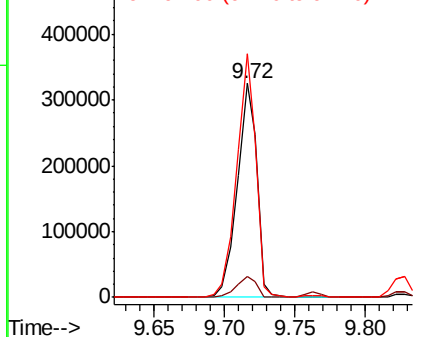


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 54.607 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

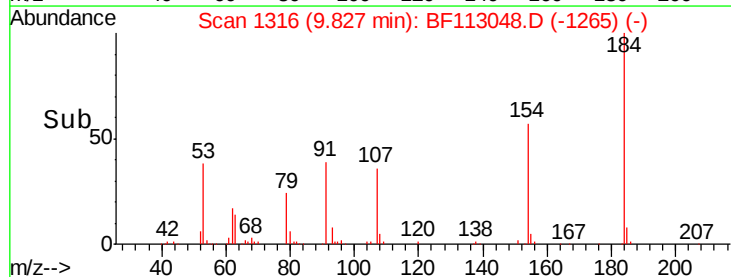
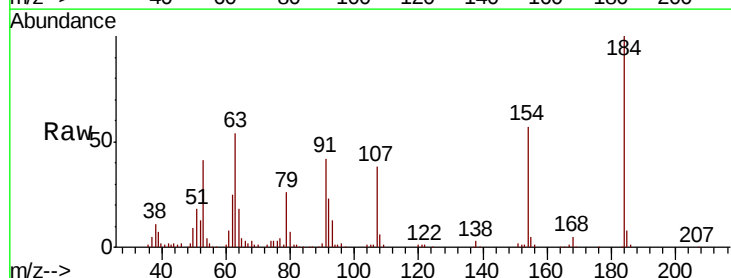
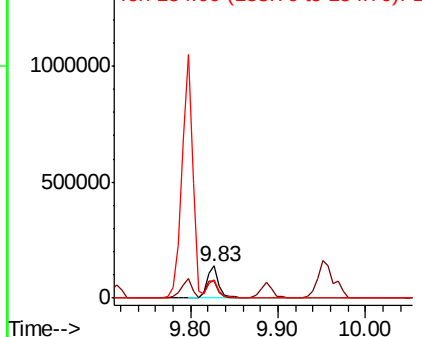
Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.3	45.3	67.9
154	56.9	46.0	69.0

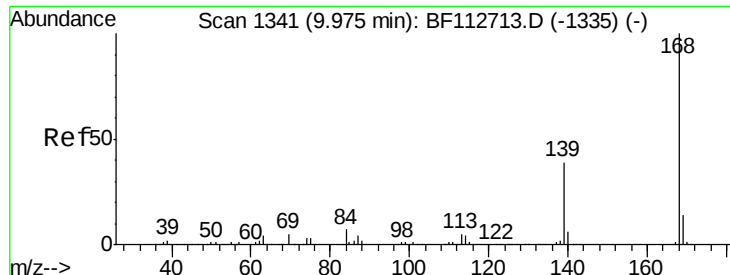
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





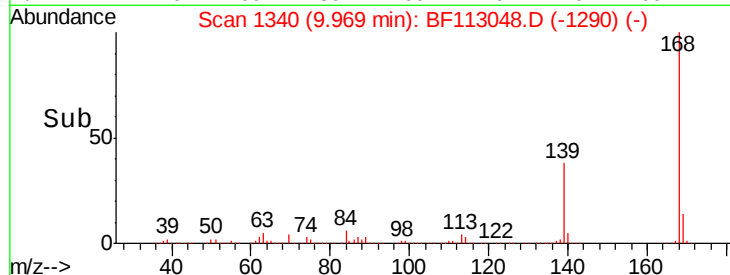
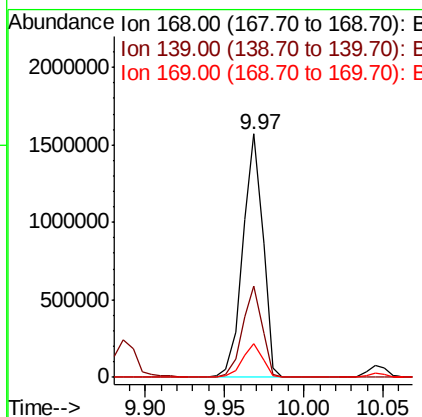
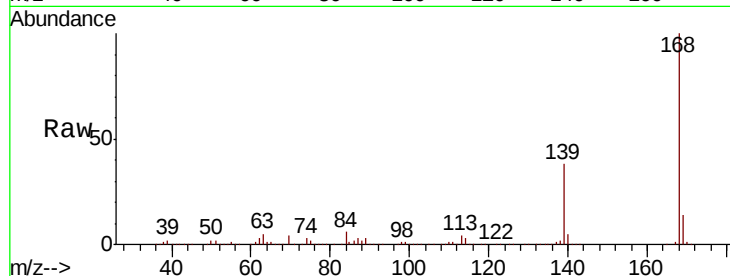
#55
Dibenzofuran
Concen: 37.494 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1370739
Ion Ratio Lower Upper
168 100
139 37.7 31.3 46.9
169 13.9 11.3 16.9

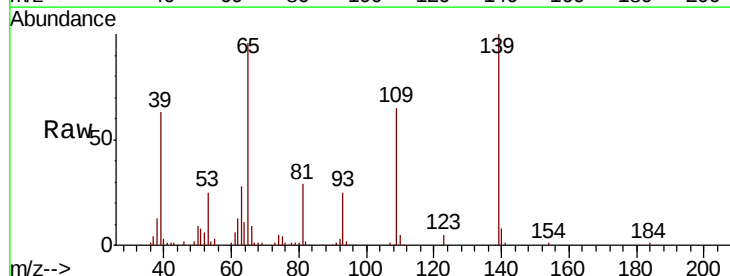
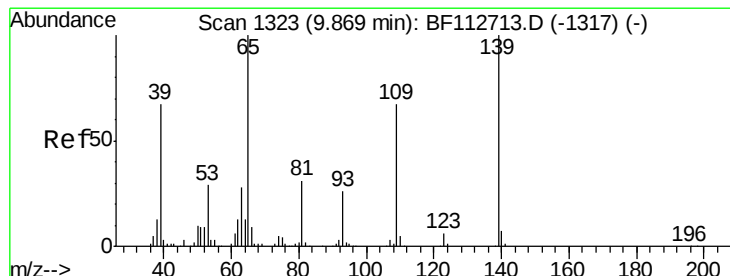
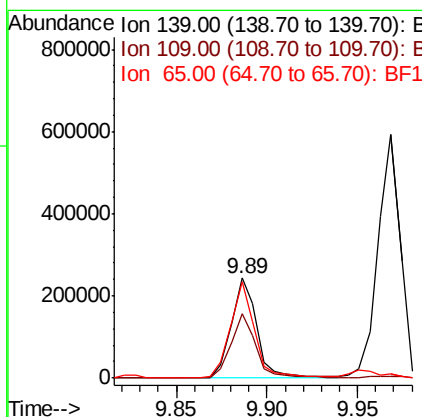
Manual Integrations
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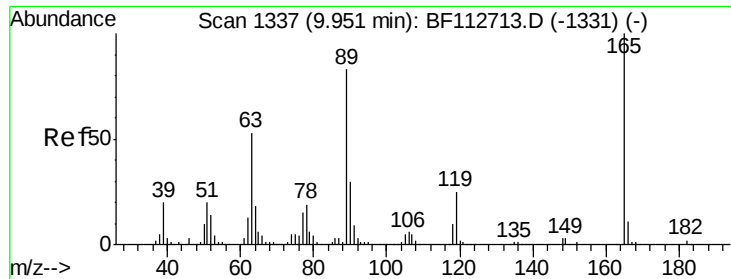
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#56
4-Nitrophenol
Concen: 39.888 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion:139 Resp: 241293
Ion Ratio Lower Upper
139 100
109 65.0 46.8 86.8
65 96.4 80.7 120.7





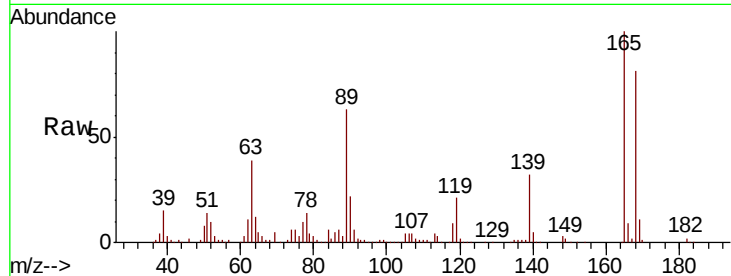
#57
2,4-Dinitrotoluene
Concen: 46.662 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

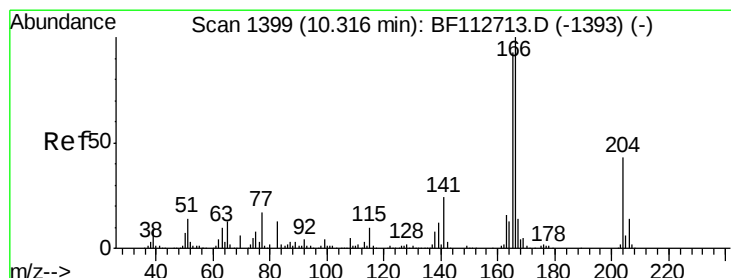
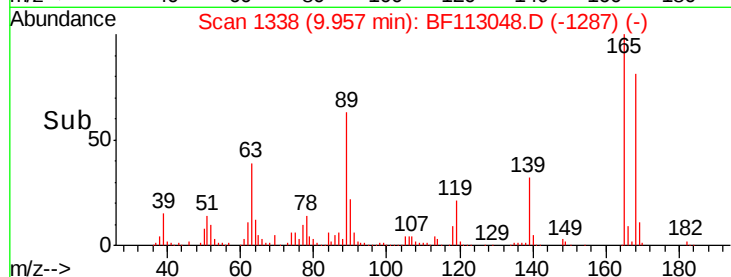
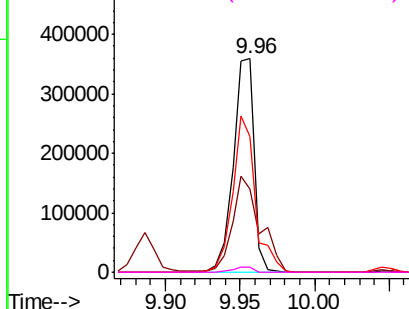
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		354301		
63	39.2	42.2	63.2#		
89	63.4	66.2	99.4#		
182	2.5	1.8	2.6		

Manual Integrations
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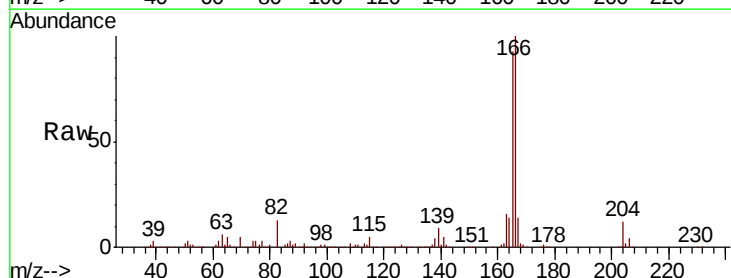


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

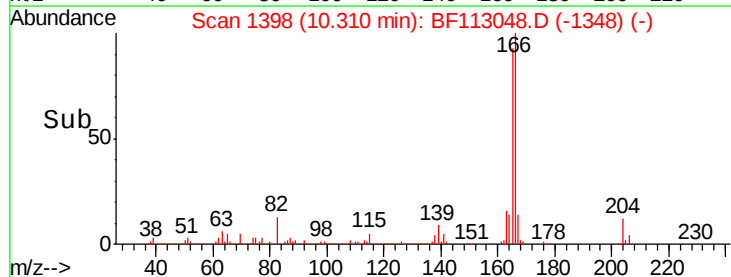
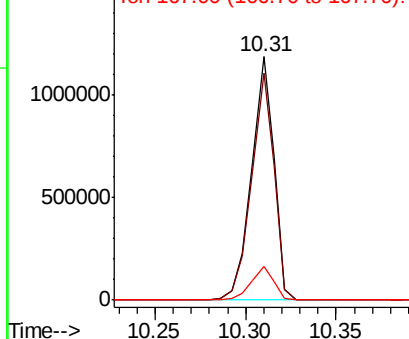


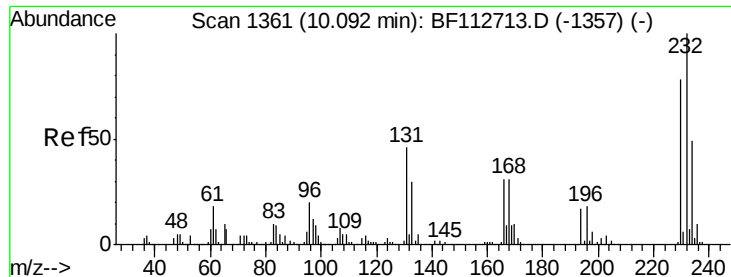
#58
Fluorene
Concen: 39.413 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1022692		
165	93.4	74.7	112.1		
167	13.8	11.0	16.6		



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





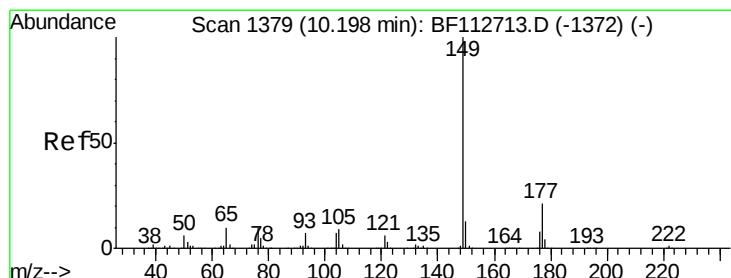
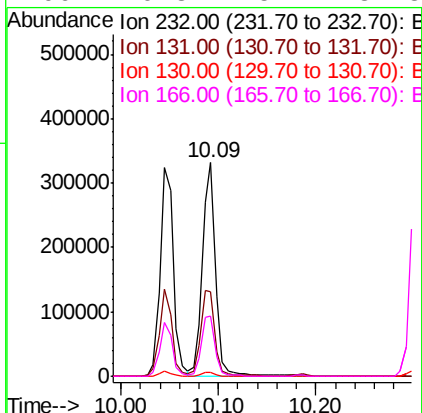
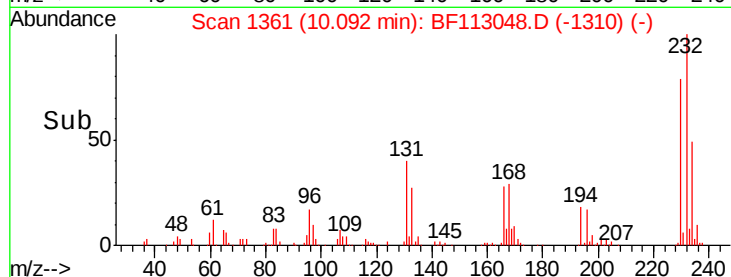
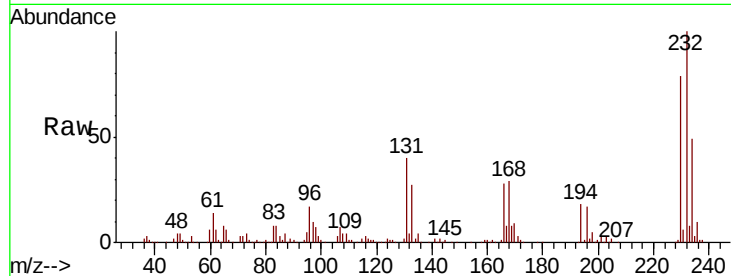
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.991 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.6	38.7	58.1
130	1.9	1.9	2.9
166	29.3	25.2	37.8

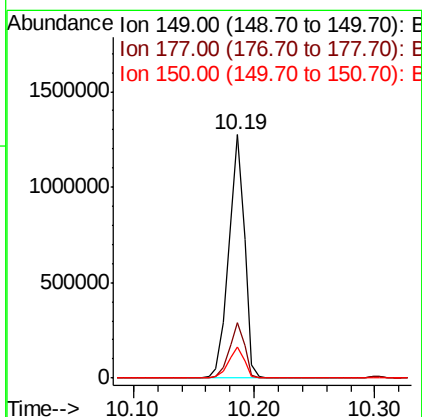
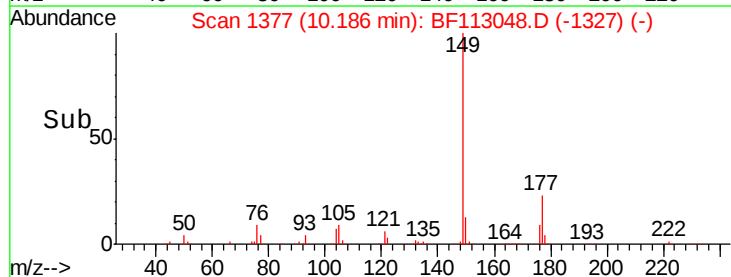
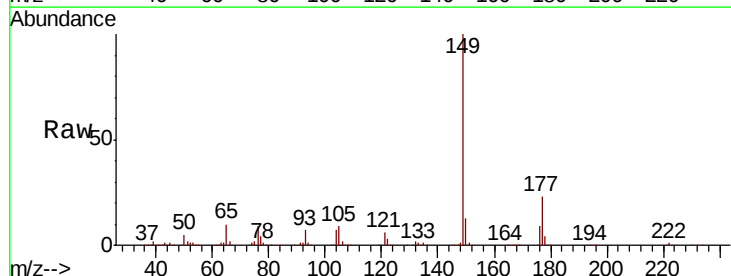
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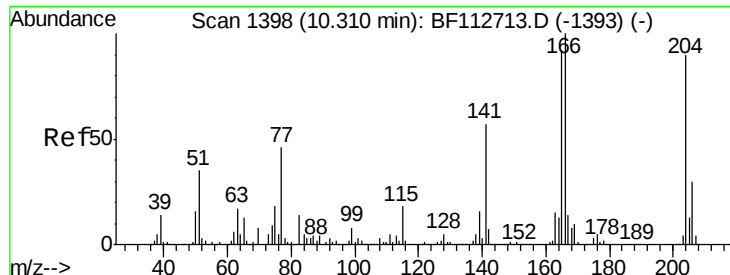
Sohil
3/15/2019 10:03:22 AM



#60
Diethylphthalate
Concen: 37.313 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.0	25.6
150	12.9	10.0	15.0





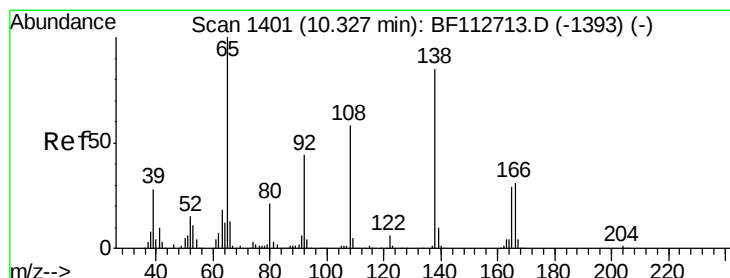
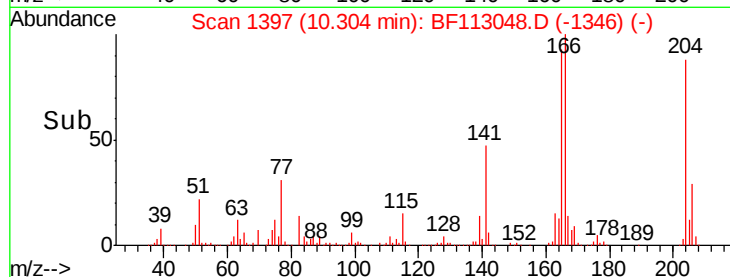
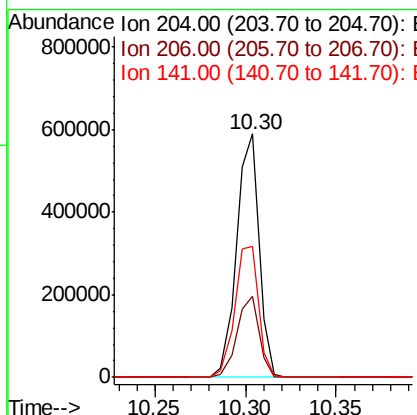
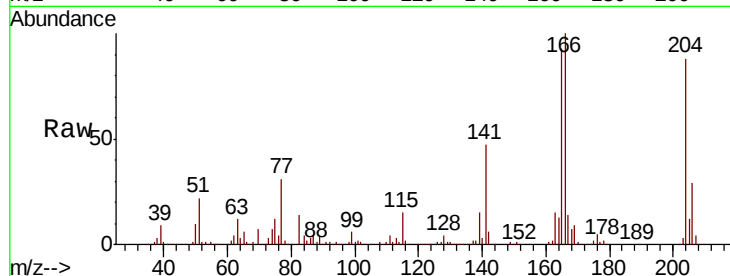
#61
 4-Chlorophenyl-phenylether
 Concen: 42.248 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF113048.D
 Acq: 14 Mar 2019 13:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	510044
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.6	40.0
141	53.7	50.8	76.2

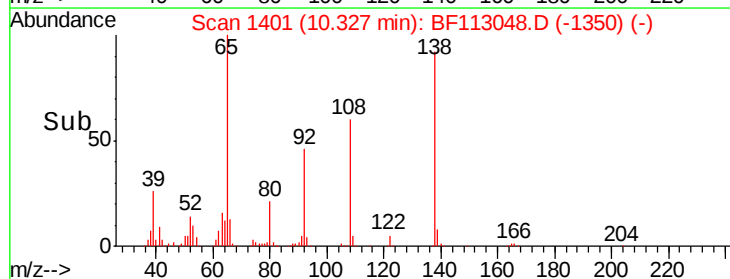
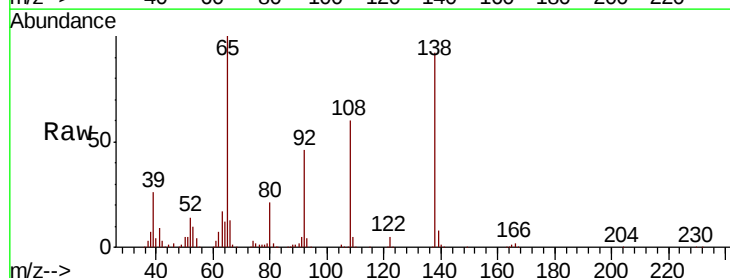
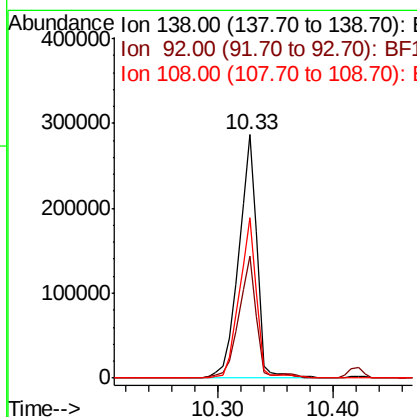
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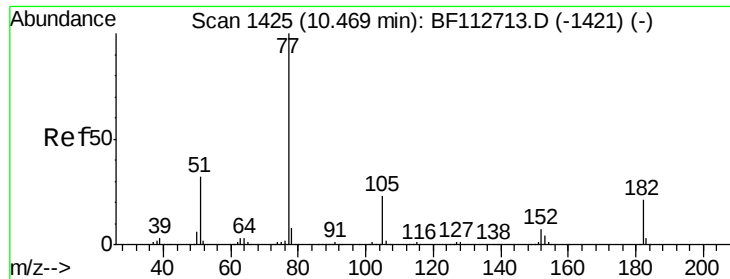
Sohil
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#62
 4-Nitroaniline
 Concen: 45.597 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF113048.D
 Acq: 14 Mar 2019 13:38

Tgt Ion:	138	Resp:	313611
Ion Ratio	Lower	Upper	
138	100		
92	50.1	31.3	71.3
108	65.6	48.1	88.1





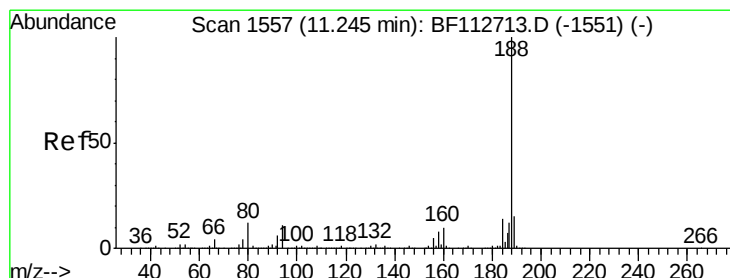
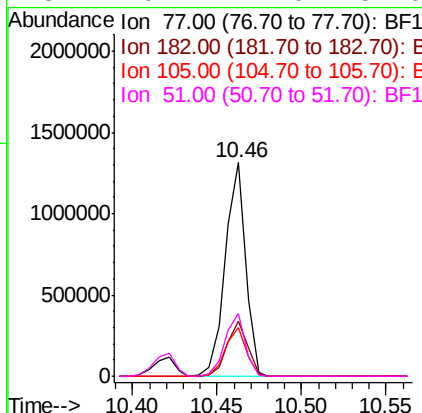
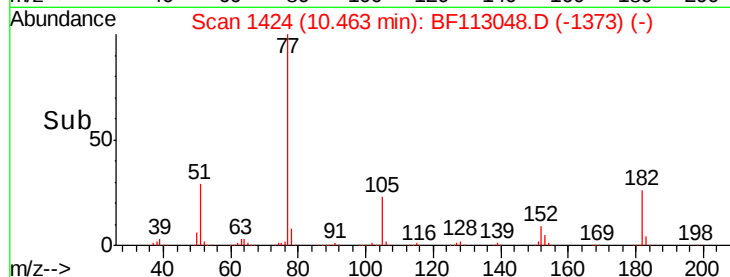
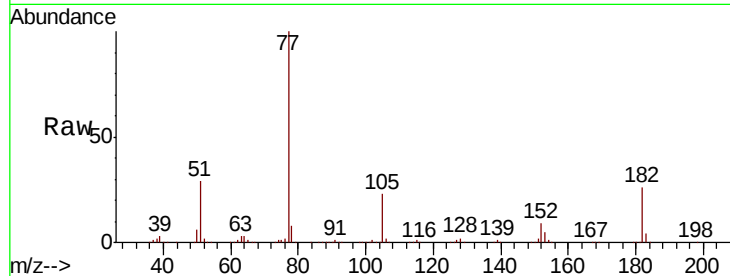
#63
Azobenzene
Concen: 34.565 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.0	1.4	41.4
105	23.1	2.6	42.6
51	29.4	12.0	52.0

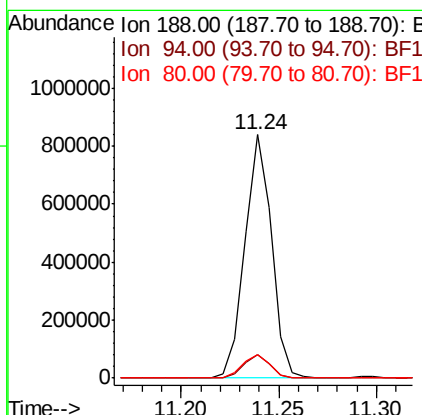
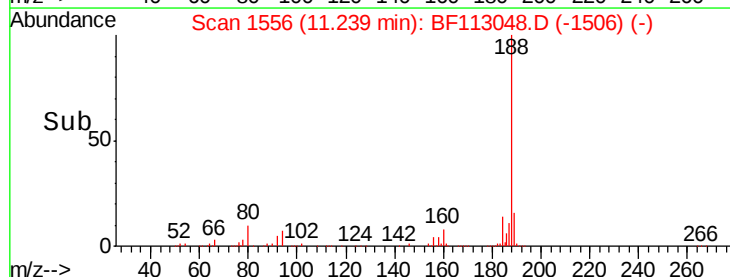
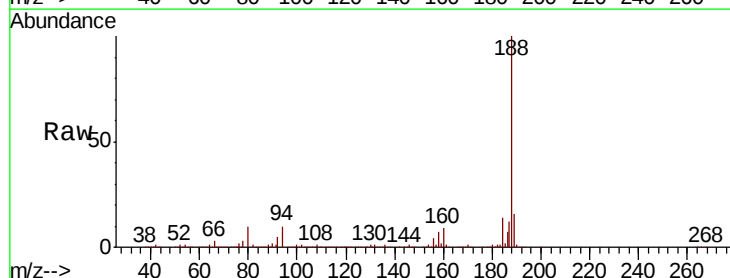
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.4
80	9.8	9.2	13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 49.759 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Instrument :

BNA_F

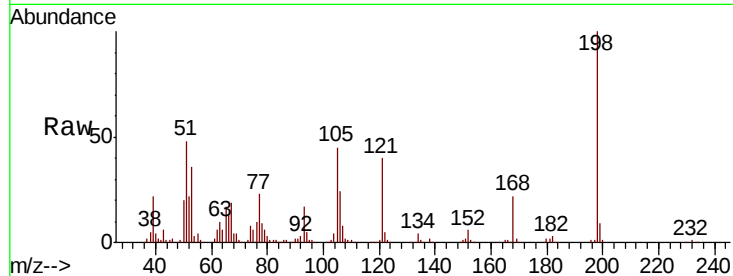
ClientSampleId :

SSTDCCC040

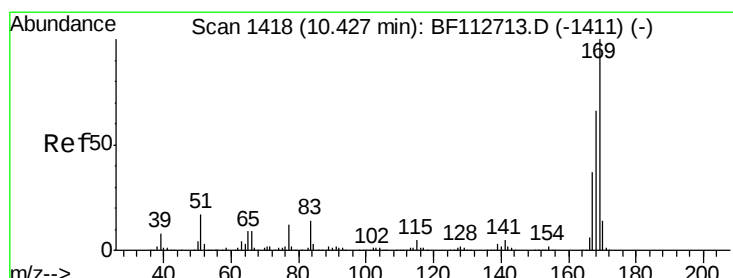
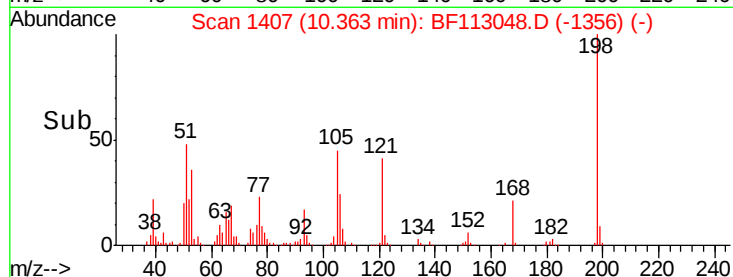
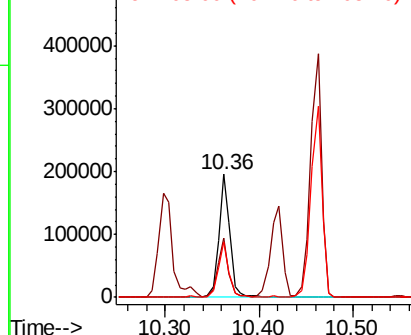
Tot Ion:	198	Resp:	164031
Ion Ratio	Lower	Upper	
198	100		
51	47.7	43.8	83.8
105	45.2	36.5	76.5

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



#66

n-Nitrosodiphenylamine

Concen: 36.916 ng

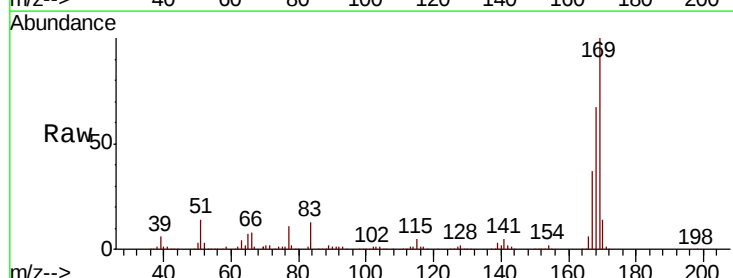
RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

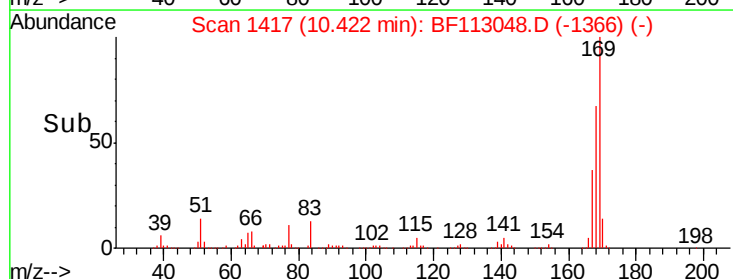
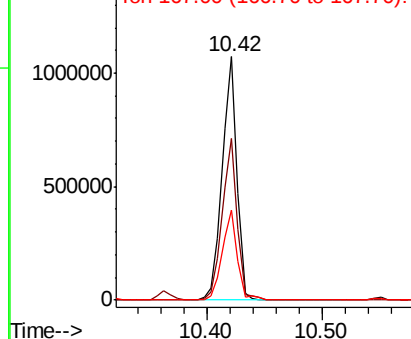
Lab File: BF113048.D

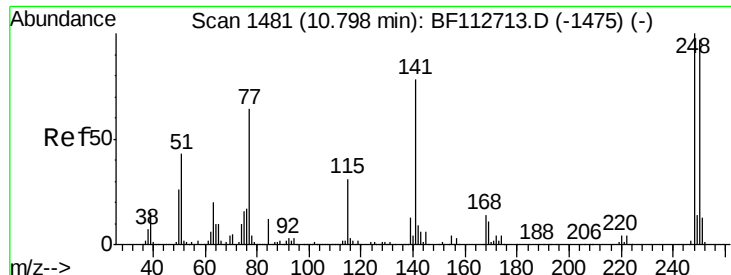
Acq: 14 Mar 2019 13:38

Tgt Ion:	169	Resp:	946298
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.0	79.6
167	36.9	29.3	43.9



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





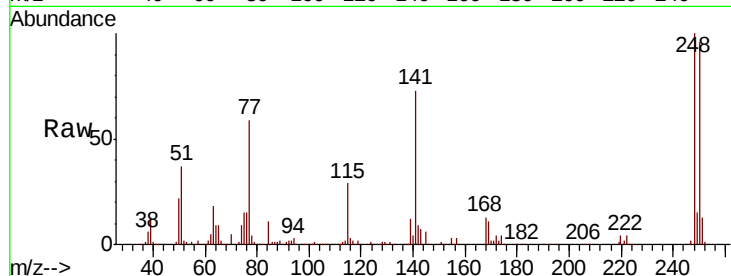
#67
 4-Bromophenyl-phenylether
 Concen: 41.427 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF113048.D
 Acq: 14 Mar 2019 13:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

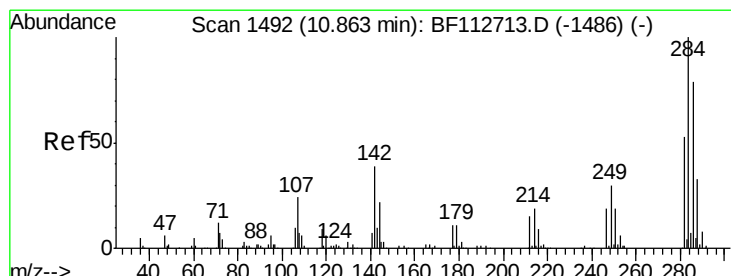
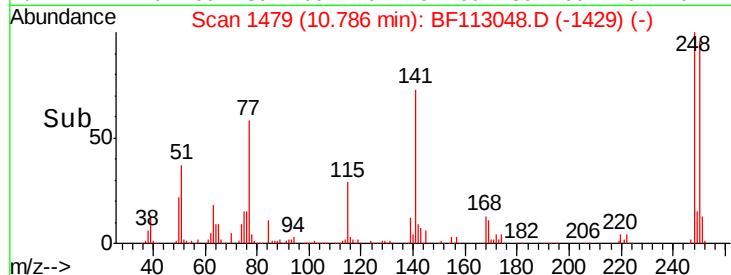
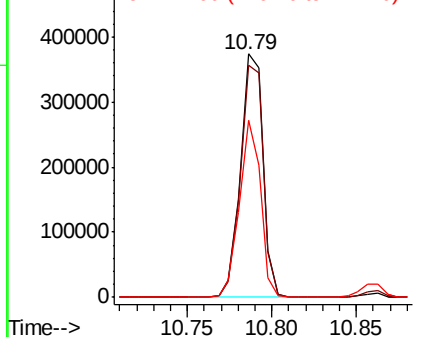
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.5	116.3
141	72.9	62.4	93.6

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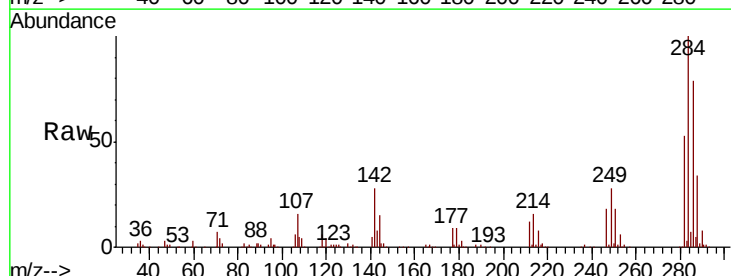


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

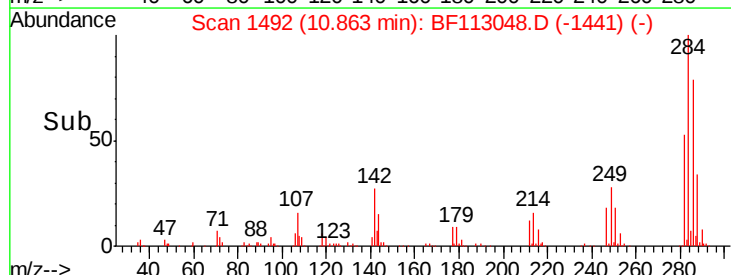
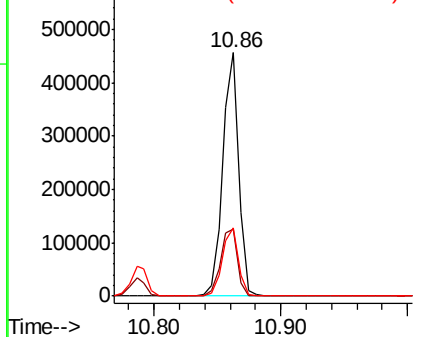


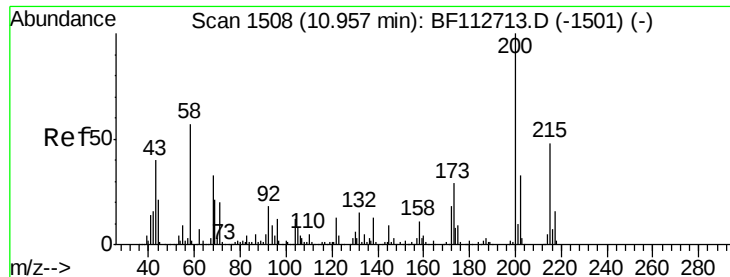
#68
 Hexachlorobenzene
 Concen: 42.124 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF113048.D
 Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	31.0	46.6#
249	28.2	23.6	35.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





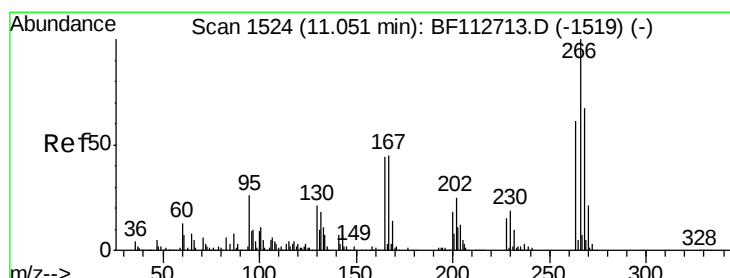
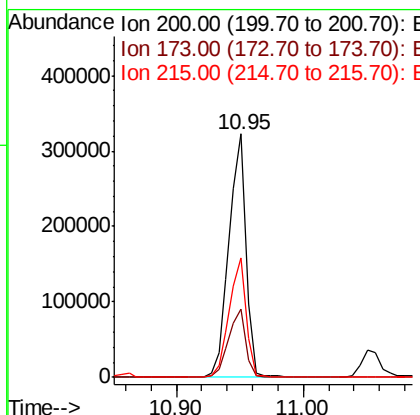
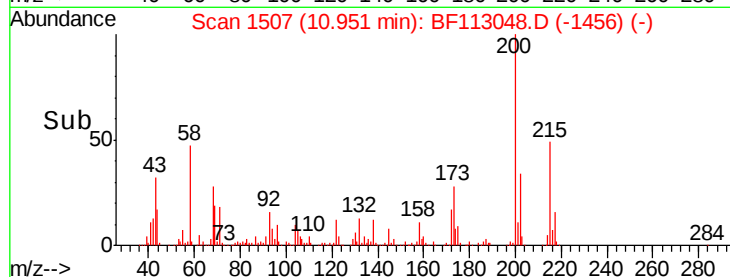
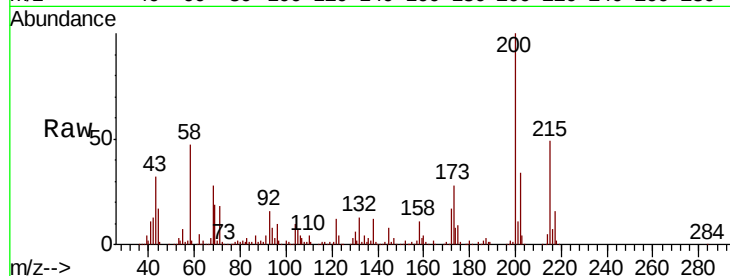
#69
Atrazine
Concen: 38.390 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	301396		
173	27.9		9.1	49.1
215	49.2		28.2	68.2

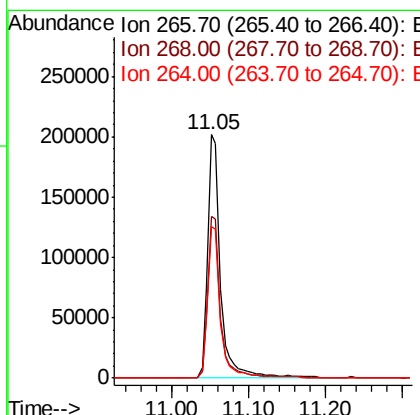
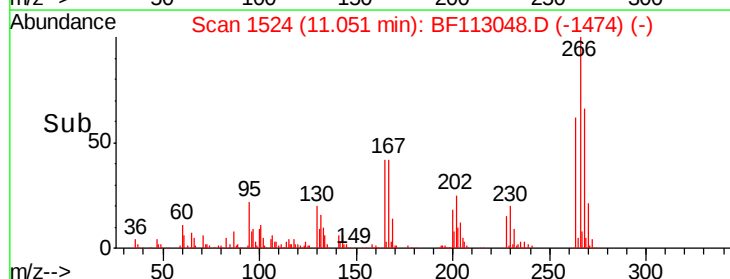
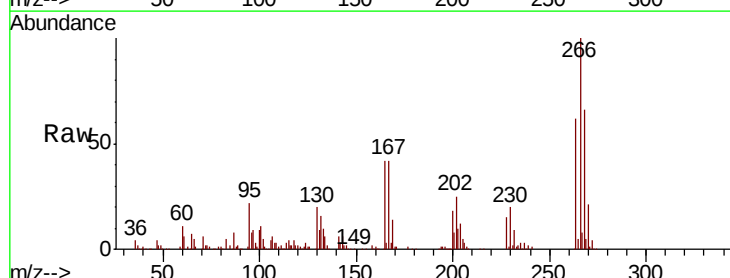
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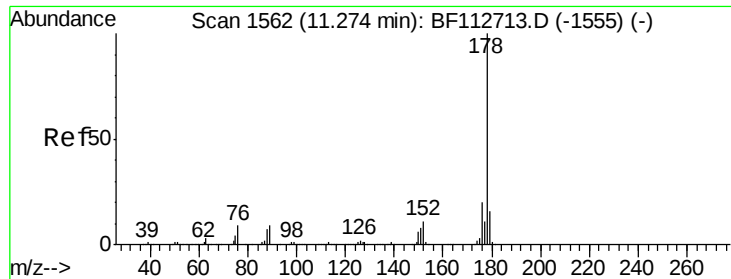
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#70
Pentachlorophenol
Concen: 41.973 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	234452		
268	66.4		53.3	79.9
264	62.3		48.9	73.3





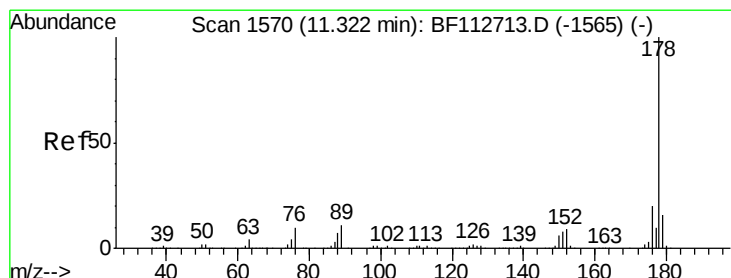
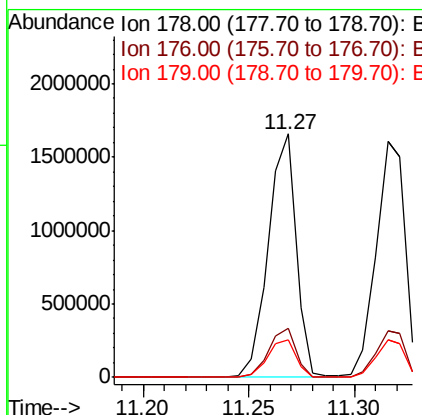
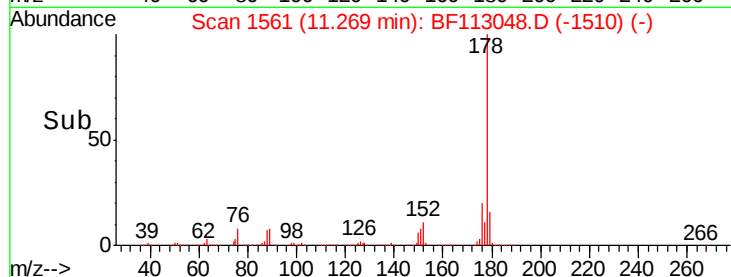
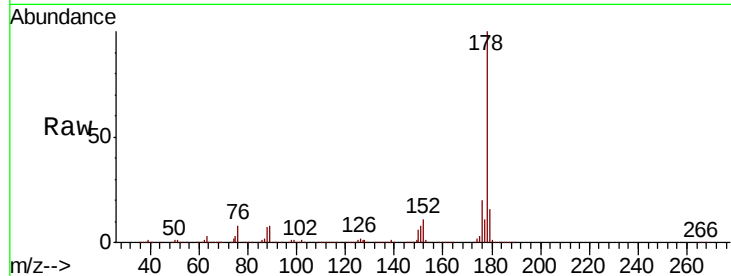
#71
Phenanthrene
Concen: 38.562 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1533511
Ion Ratio Lower Upper
178 100
176 20.4 16.3 24.5
179 15.7 12.7 19.1

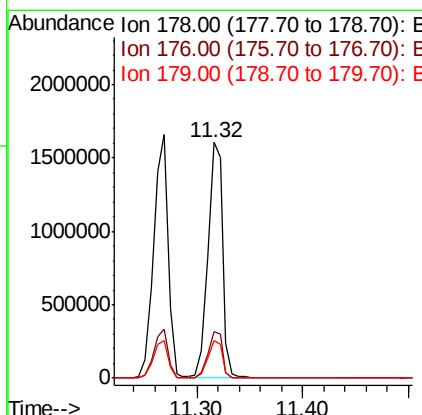
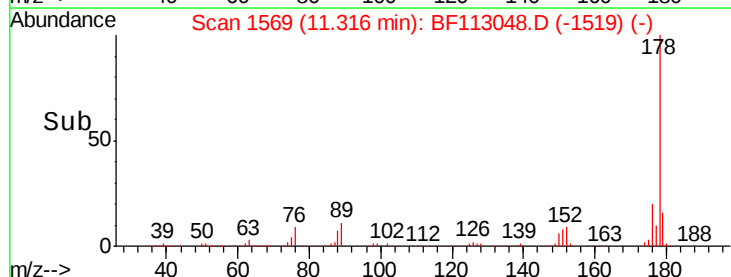
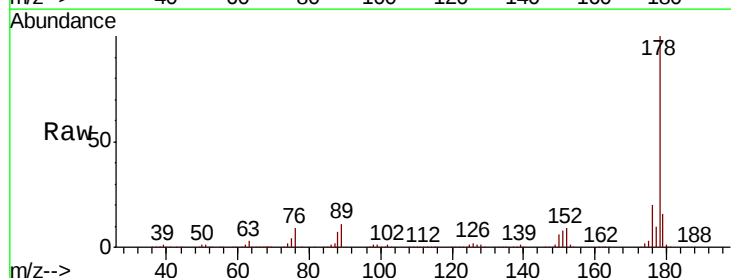
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#72
Anthracene
Concen: 37.637 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion:178 Resp: 1566785
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.1 13.0 19.6





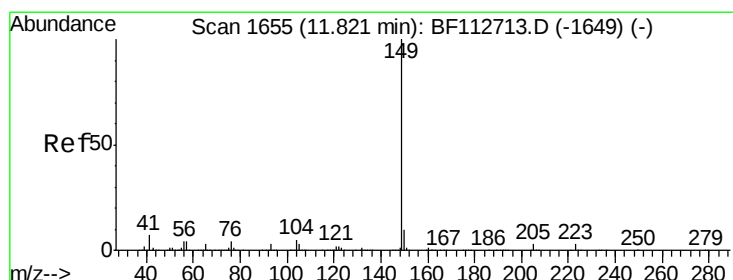
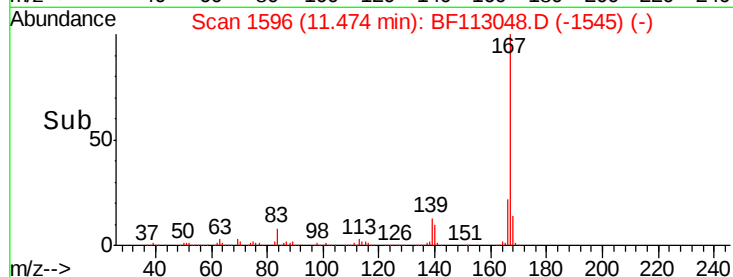
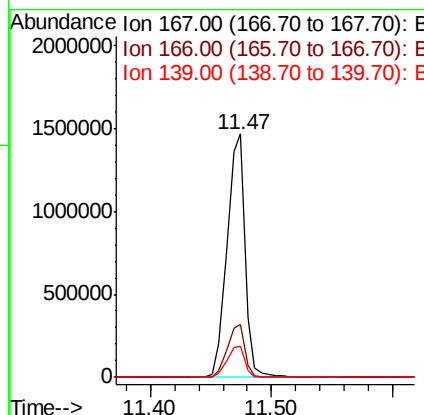
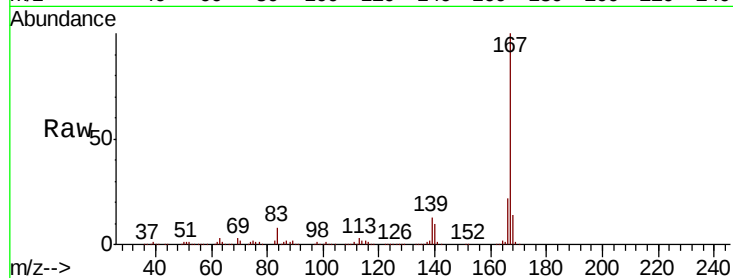
#73
 Carbazole
 Concen: 37.176 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF113048.D
 Acq: 14 Mar 2019 13:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	12.7	10.8	16.2

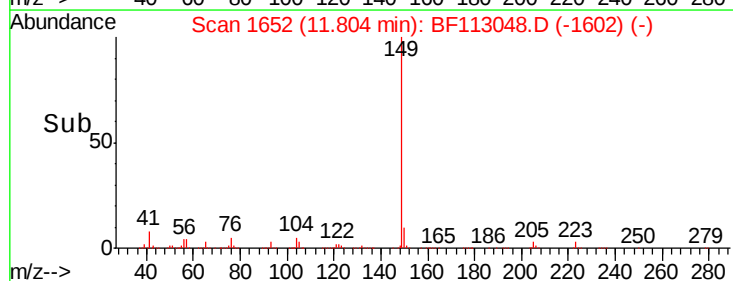
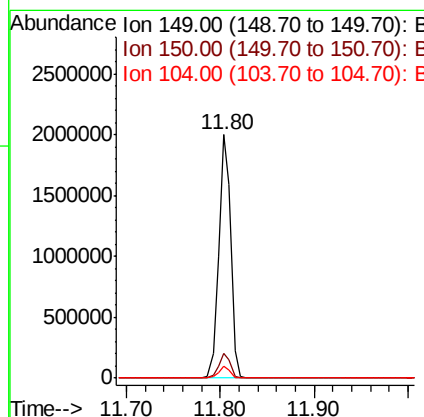
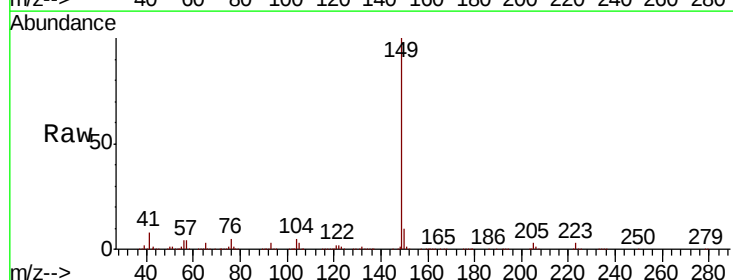
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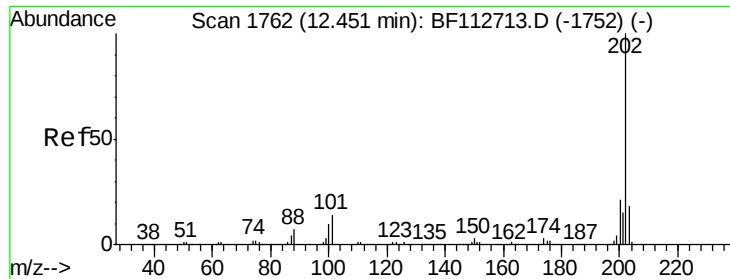
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#74
 Di-n-butylphthalate
 Concen: 36.679 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF113048.D
 Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.6	11.4
104	4.8	3.7	5.5





#75

Fluoranthene

Concen: 38.682 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Instrument :

BNA_F

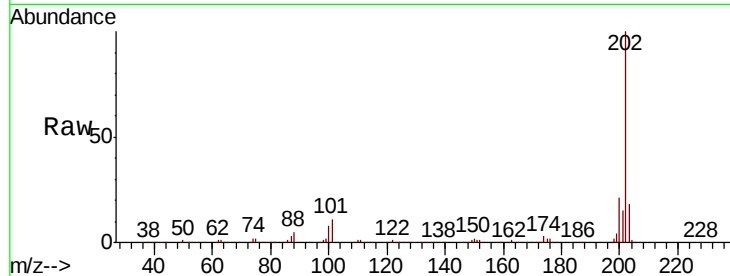
ClientSampleId :

SSTDCCC040

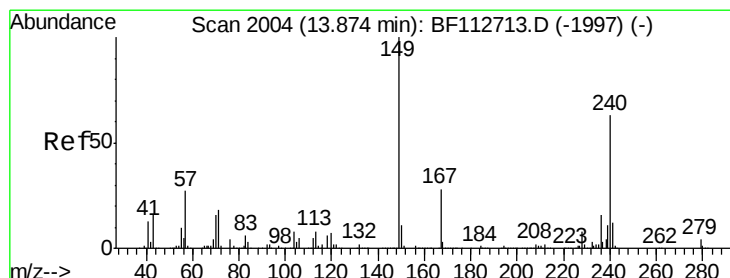
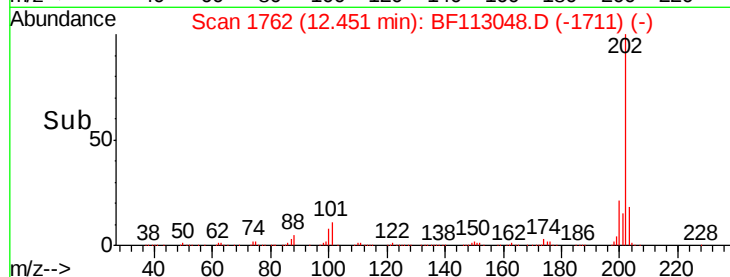
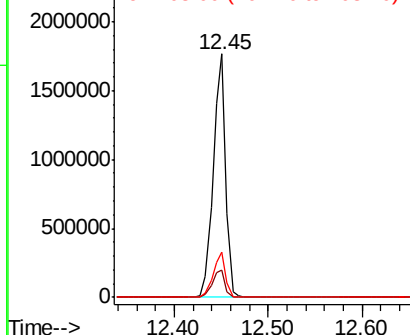
Tot Ion:	202	Resp:	1648110
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.8
203	18.3	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

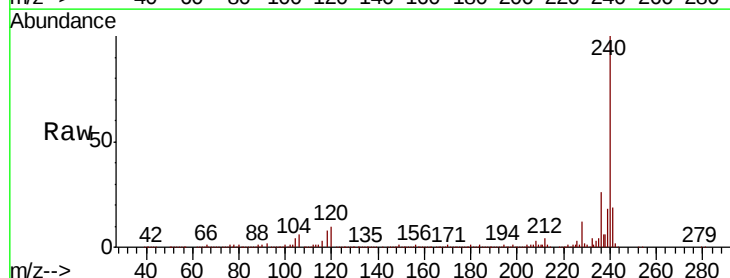
RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

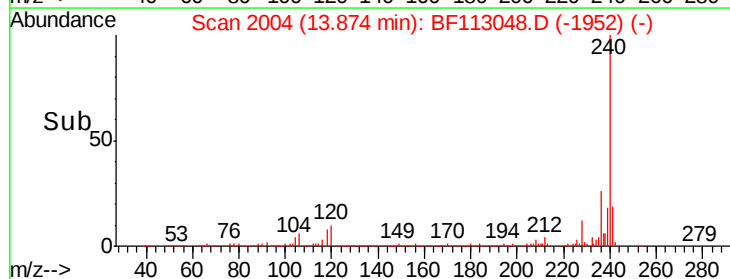
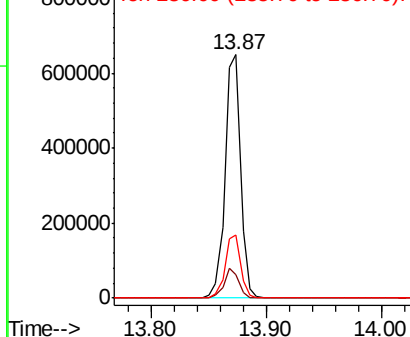
Lab File: BF113048.D

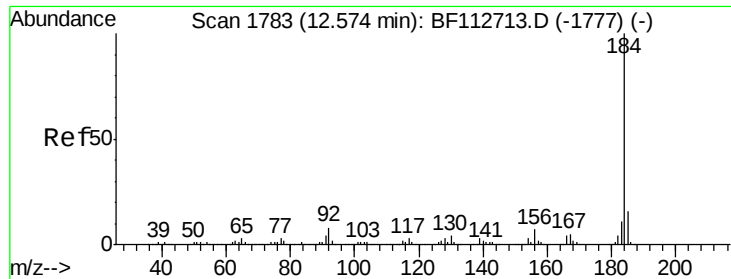
Acq: 14 Mar 2019 13:38

Tgt Ion:	240	Resp:	605993
Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.9	13.3
236	26.0	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.502 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Instrument :

BNA_F

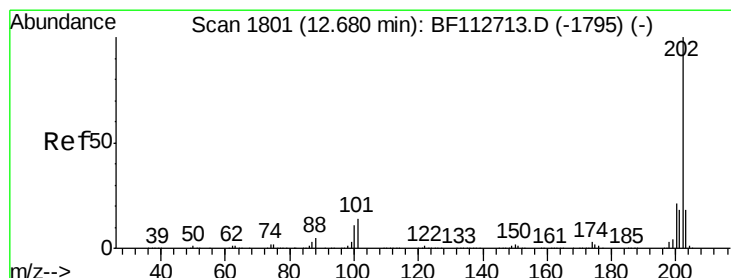
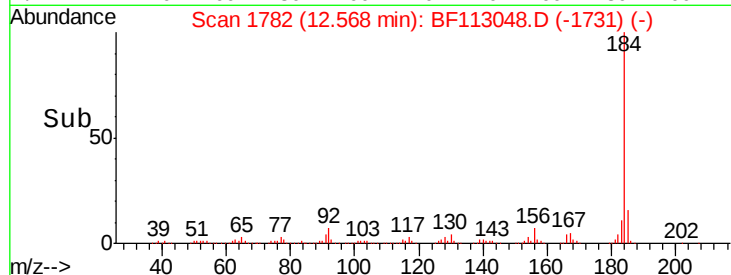
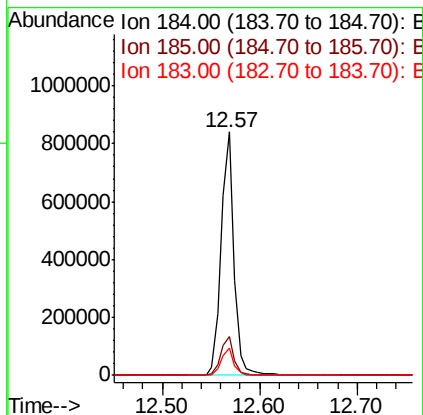
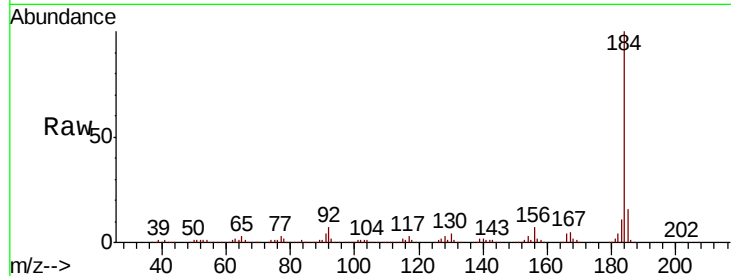
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	770337
Ion Ratio	Lower	Upper	
184	100		
185	16.2	12.6	18.8
183	11.1	8.6	12.8

Manual Integrations
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#78

Pyrene

Concen: 32.940 ng

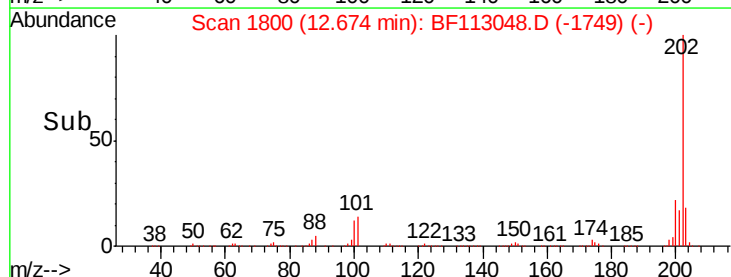
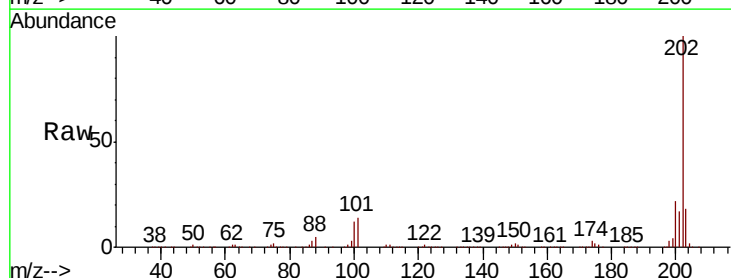
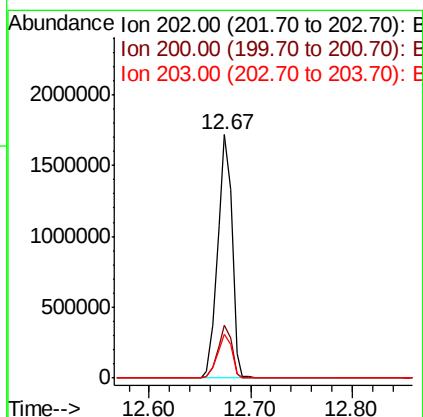
RT: 12.67 min Scan# 1800

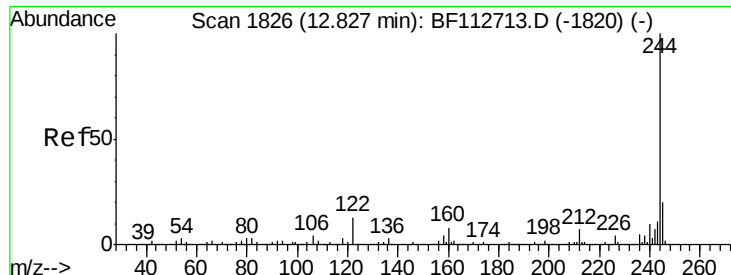
Delta R.T. -0.00 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Tgt Ion:	202	Resp:	1682807
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.0	25.4
203	18.2	14.4	21.6





#79

Terphenyl-d14

Concen: 68.010 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2126058

Ion Ratio Lower Upper

244 100

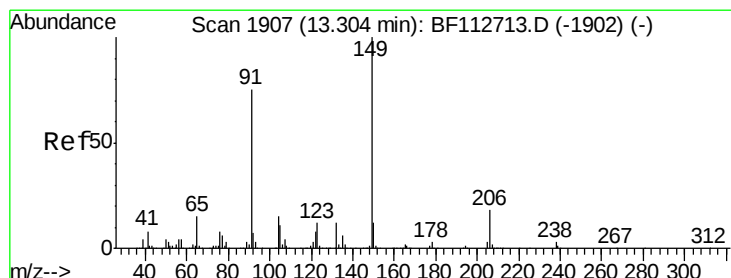
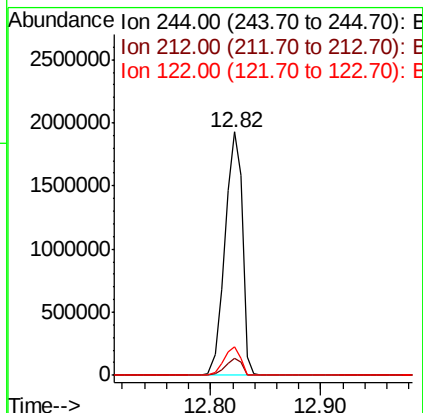
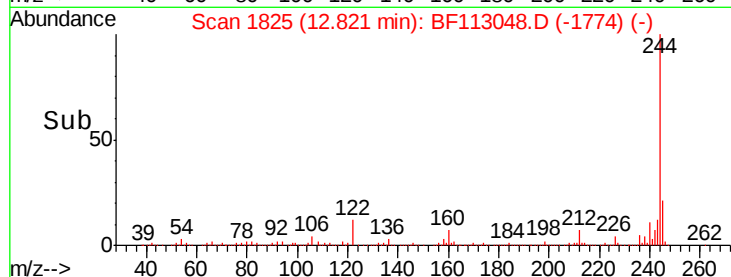
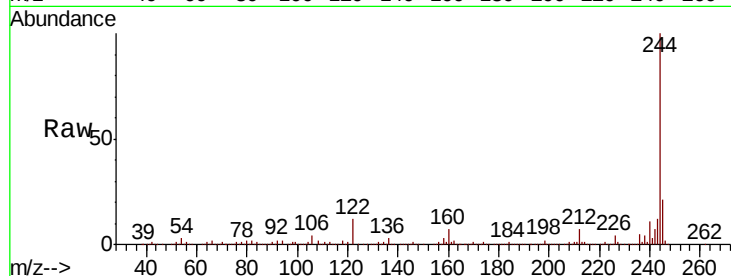
212 7.2 5.6 8.4

122 11.9 10.5 15.7

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 34.210 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

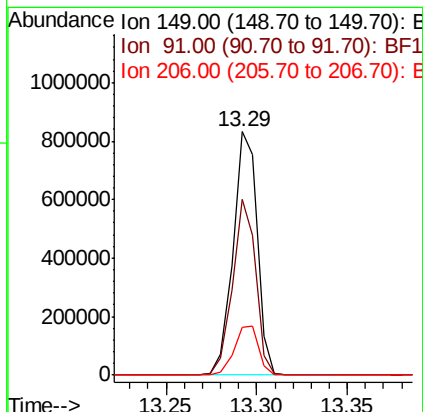
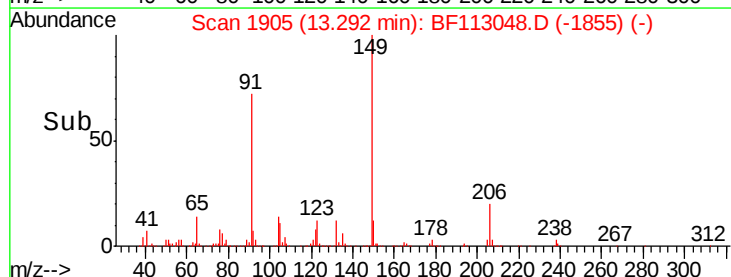
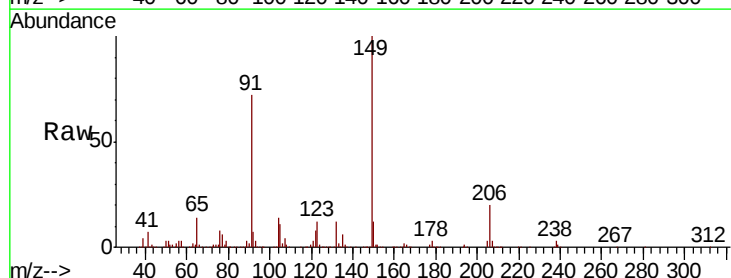
Tgt Ion:149 Resp: 771428

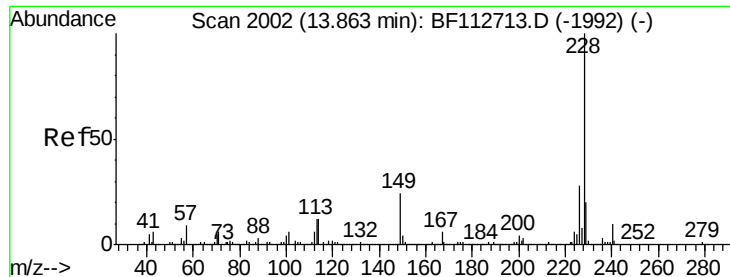
Ion Ratio Lower Upper

149 100

91 72.2 59.9 89.9

206 19.8 14.7 22.1





#81

Benzo(a)anthracene

Concen: 32.366 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1359348

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

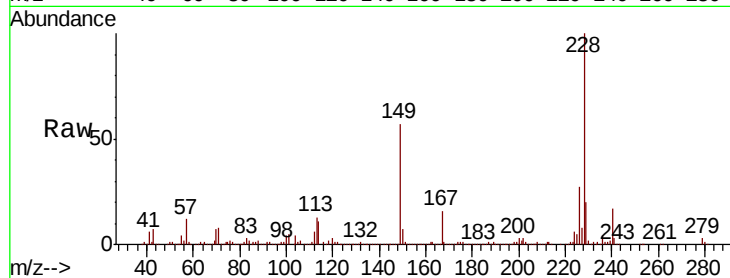
229 20.2 16.0 24.0

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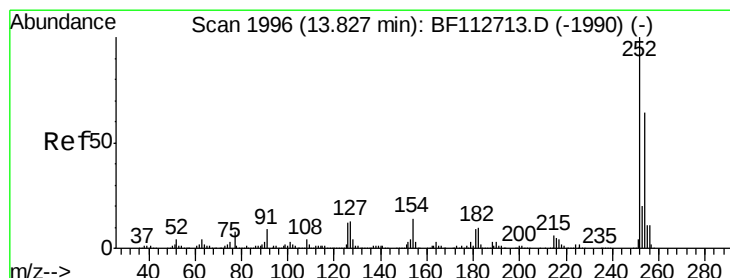
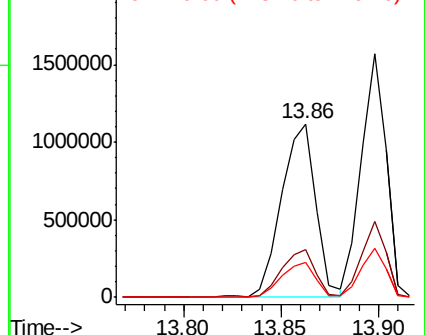
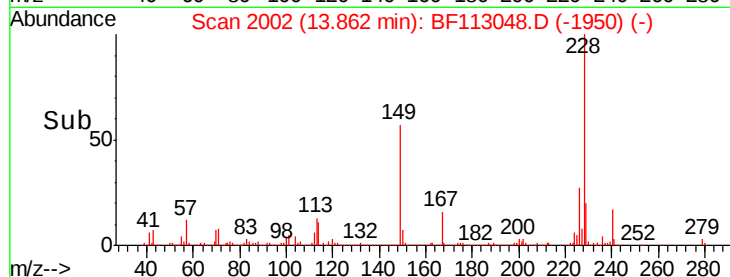


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.999 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

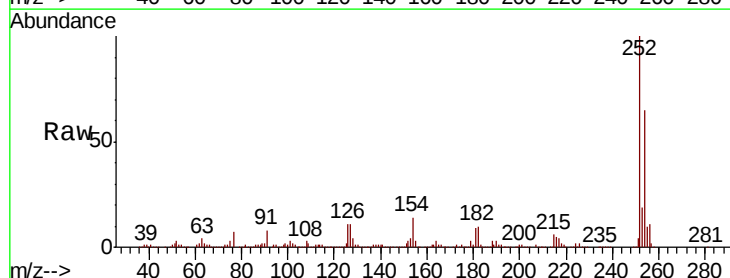
Tgt Ion:252 Resp: 603596

Ion Ratio Lower Upper

252 100

254 65.3 51.1 76.7

126 11.3 9.9 14.9

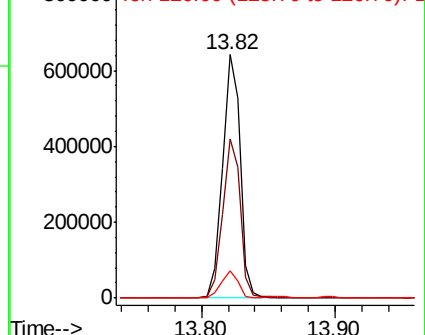
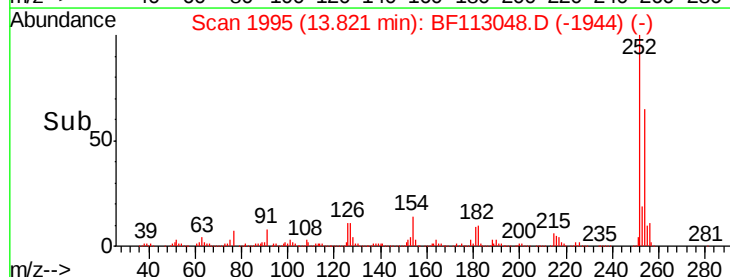


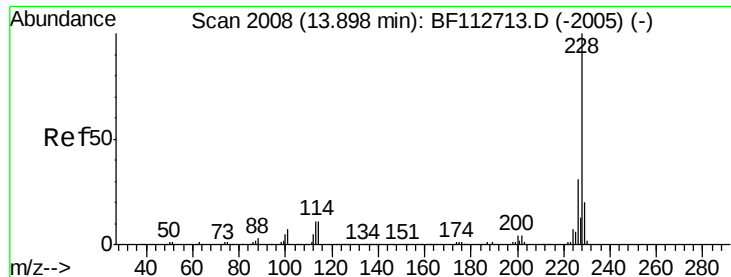
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





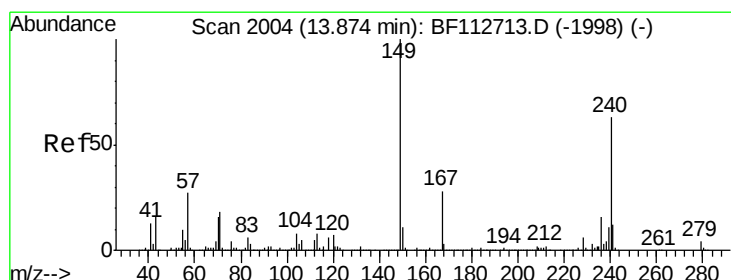
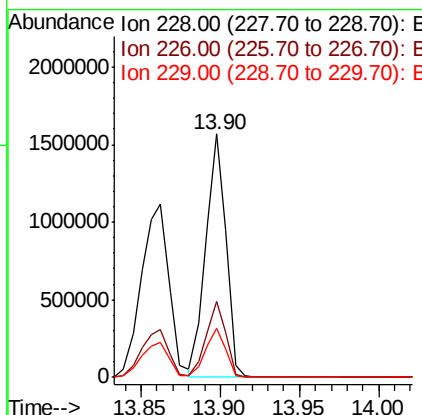
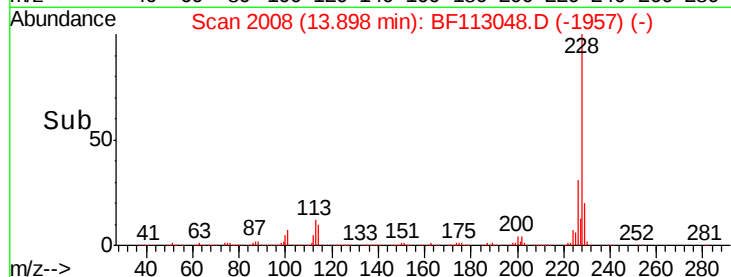
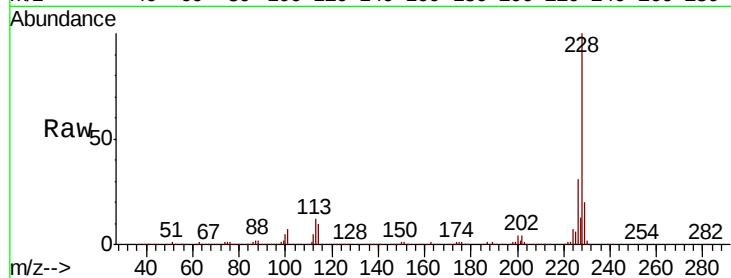
#83
Chrysene
Concen: 34.053 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.3	16.3	24.5

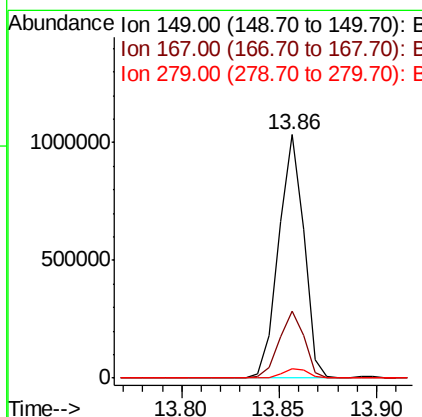
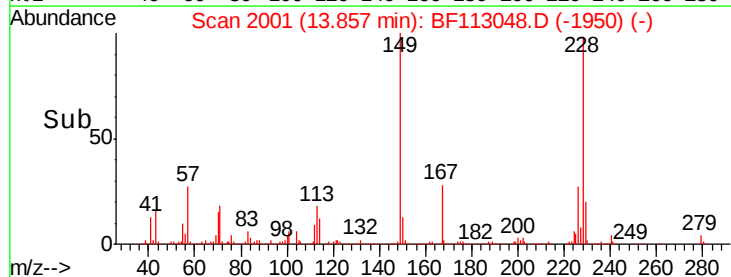
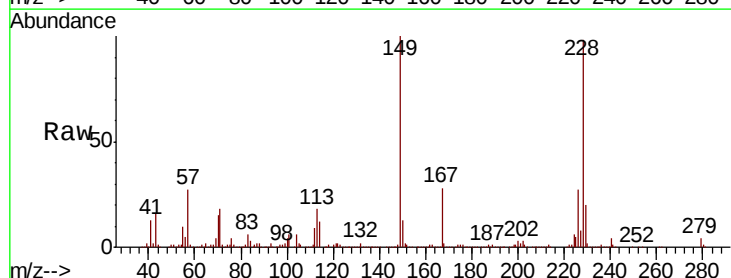
Manual Integrations
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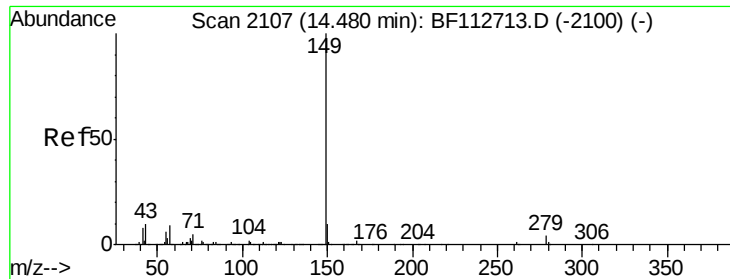
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 34.905 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.4	33.6
279	4.0	3.3	4.9





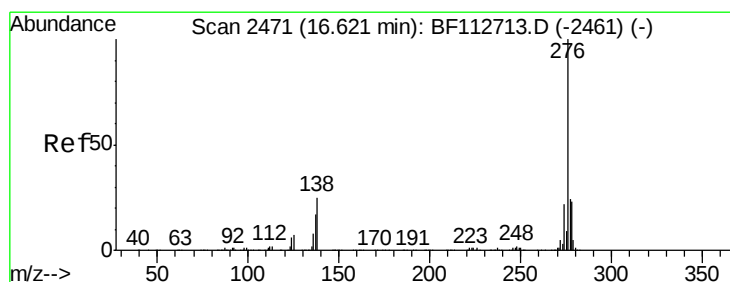
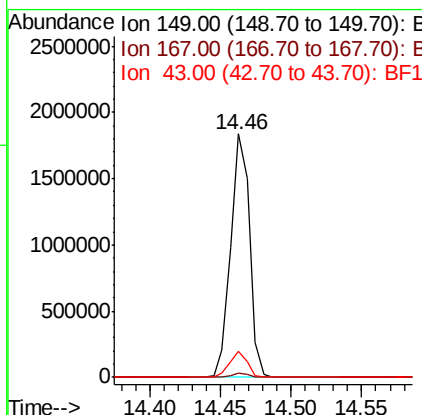
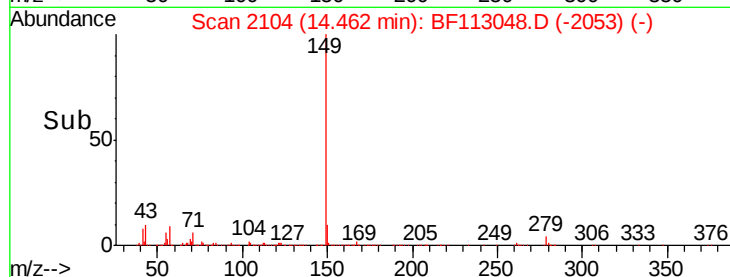
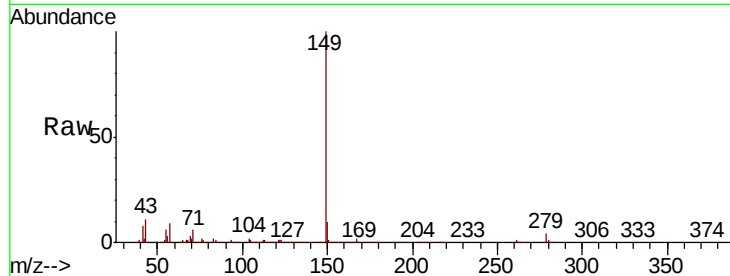
#85
Di-n-octyl phthalate
Concen: 37.694 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.9	9.0	13.4

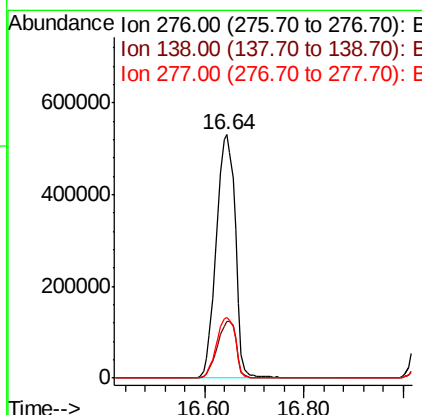
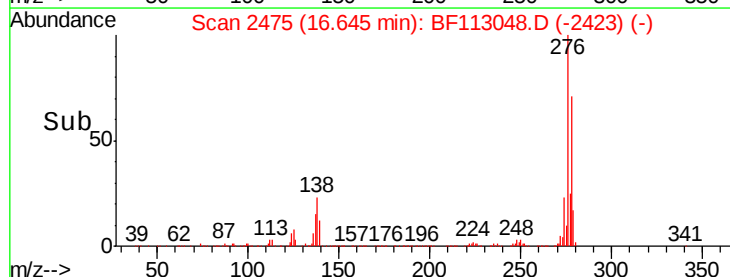
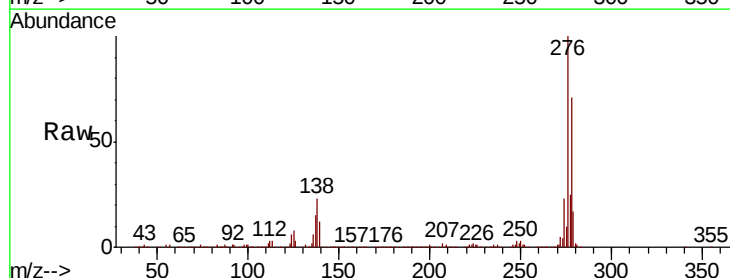
Manual Integrations
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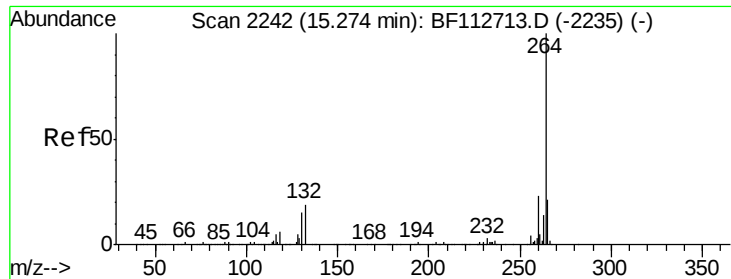
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.345 ng
RT: 16.64 min Scan# 2475
Delta R.T. 0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	23.2	34.8
277	25.1	19.9	29.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Instrument :

BNA_F

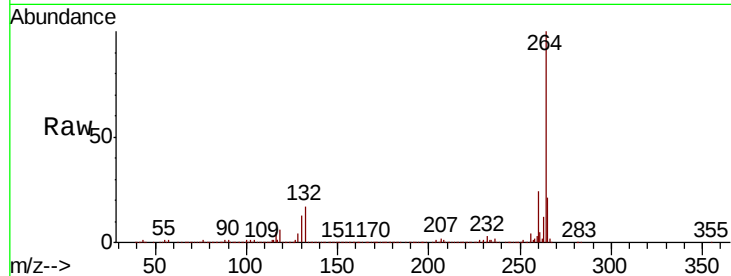
ClientSampleId :

SSTDCCC040

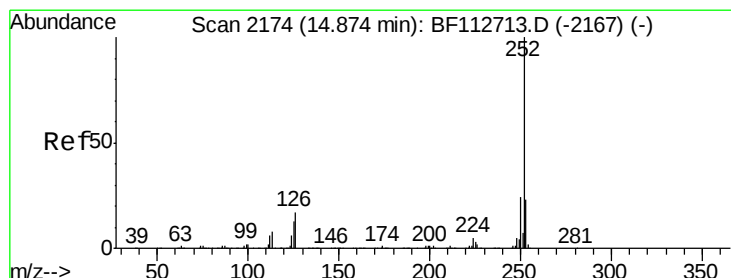
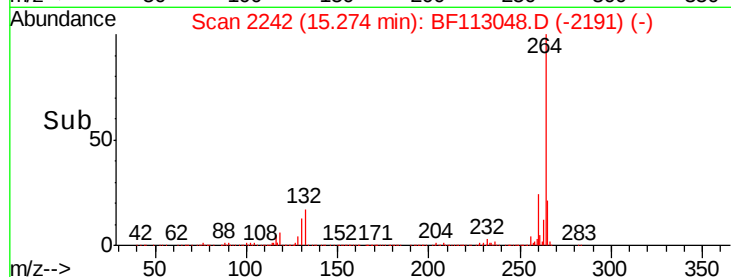
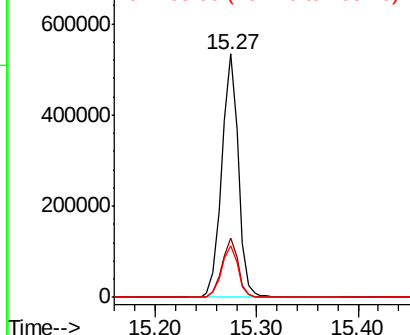
Tot Ion:	264	Resp:	606153
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.7	28.1
265	21.3	17.2	25.8

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



#88

Benzo(b)fluoranthene

Concen: 36.568 ng

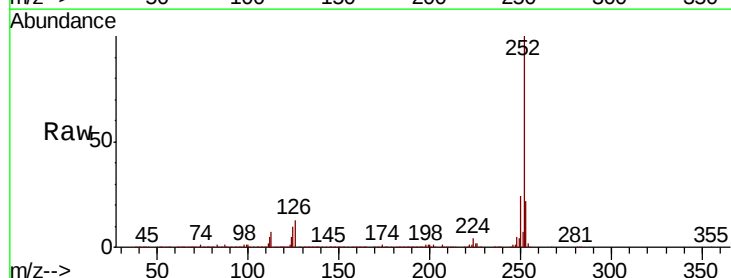
RT: 14.88 min Scan# 2175

Delta R.T. 0.01 min

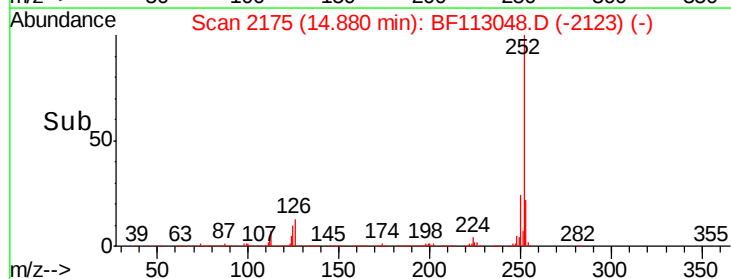
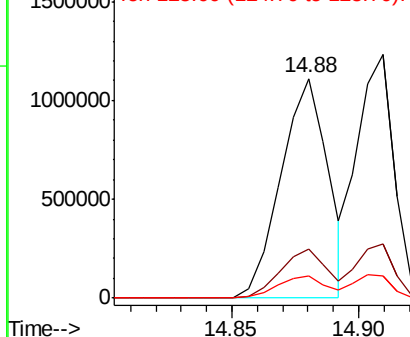
Lab File: BF113048.D

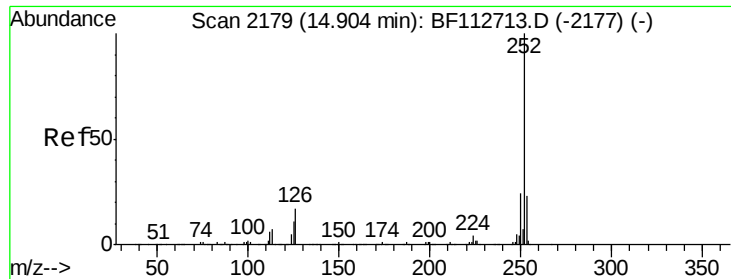
Acq: 14 Mar 2019 13:38

Tgt Ion:	252	Resp:	1433748
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	9.8	10.2	15.2#



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





#89

Benzo(k)fluoranthene

Concen: 35.191 ng m

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1249793

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

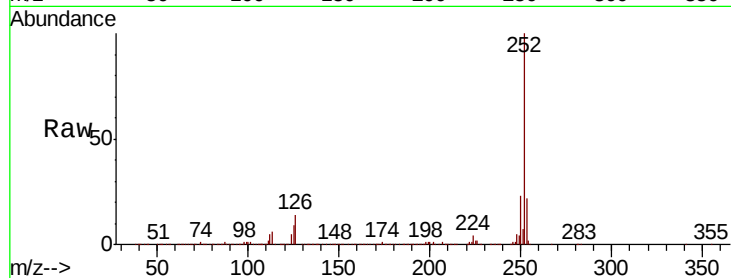
125 9.4 9.8 14.6#

Manual Integrations

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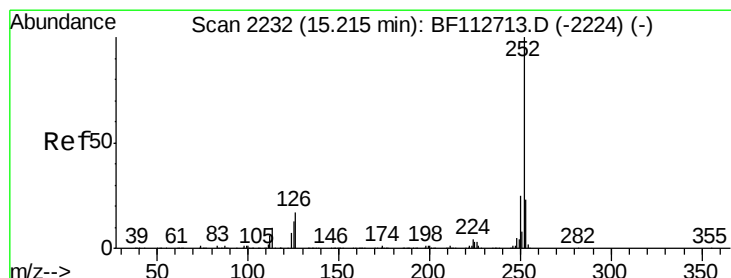
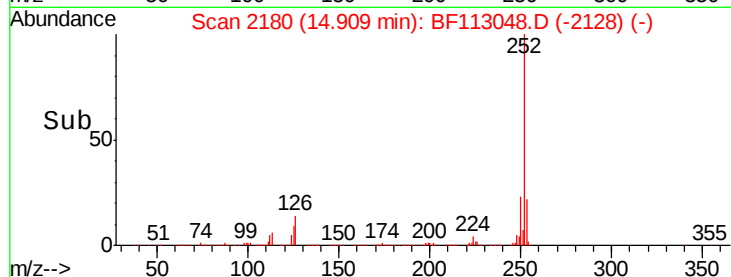
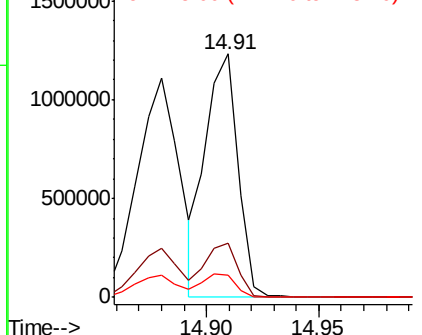
3/15/2019 10:03:22 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 36.857 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF113048.D

Acq: 14 Mar 2019 13:38

Tgt Ion:252 Resp: 1278196

Ion Ratio Lower Upper

252 100

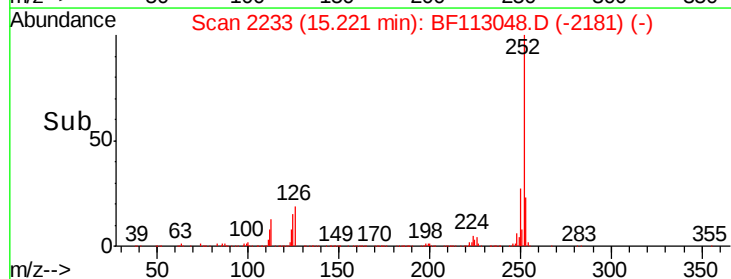
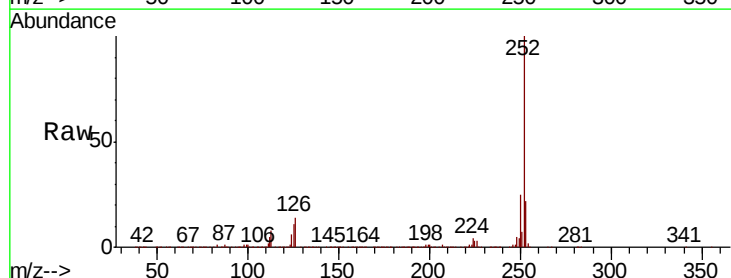
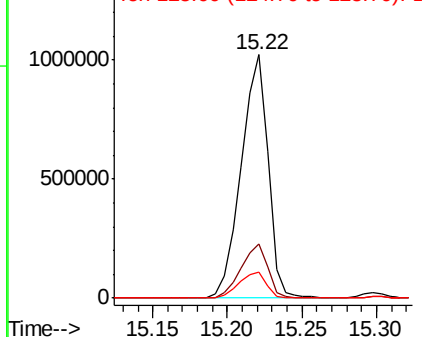
253 22.4 18.0 27.0

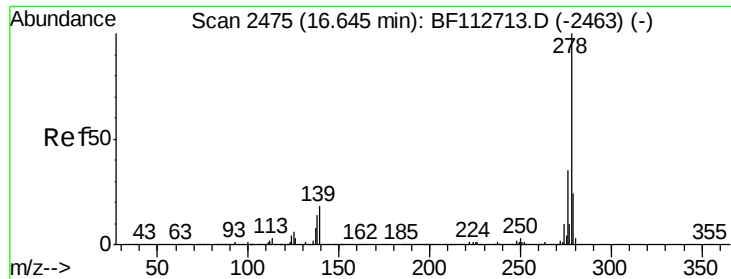
125 10.7 10.7 16.1#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





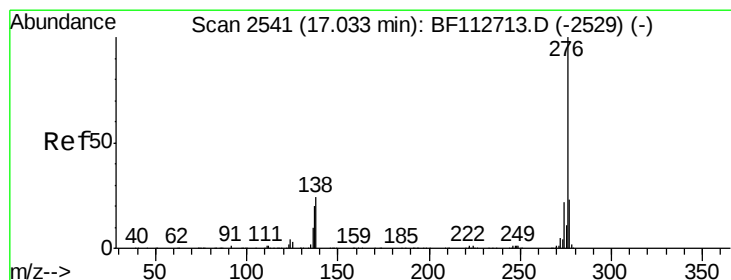
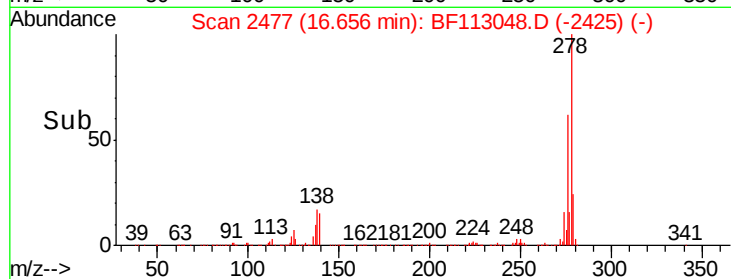
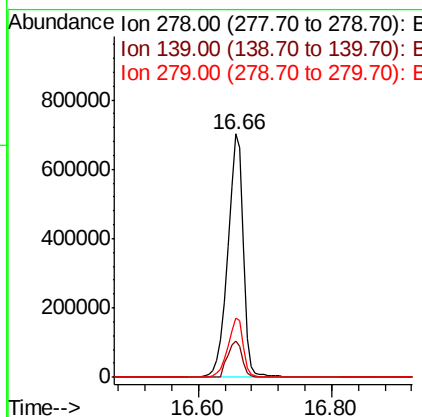
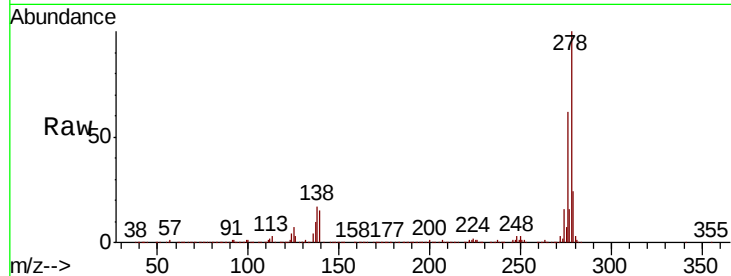
#91
Dibenzo(a,h)anthracene
Concen: 39.218 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	14.3	21.5
279	24.1	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/15/2019 10:03:22 AM



#92
Benzo(g,h,i)perylene
Concen: 37.964 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF113048.D
Acq: 14 Mar 2019 13:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	19.1	19.4	29.0

