

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112746.D
 Acq On : 28 Feb 2019 4:34
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 2/28/2019 12:47:40 PM

Quant Time: Feb 28 05:03:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	144904	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	525542	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	228183	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	476195	20.00	ng	0.00
76) Chrysene-d12	13.88	240	319747	20.00	ng	0.00
87) Perylene-d12	15.29	264	243796	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	795743	85.42	ng	0.00
7) Phenol-d6	6.37	99	937097	80.08	ng	0.00
23) Nitrobenzene-d5	7.30	82	755784	86.05	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	229496	94.74	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1273802	97.78	ng	0.00
79) Terphenyl-d14	12.83	244	1518457	92.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	190817	40.865	ng	98
3) Pyridine	3.12	79	520109	41.634	ng	99
4) n-Nitrosodimethylamine	3.03	42	221301	40.496	ng	100
6) Aniline	6.40	93	631222	39.189	ng	99
8) 2-Chlorophenol	6.53	128	414653	39.987	ng	97
9) Benzaldehyde	6.29	77	334322	39.652	ng	96
10) Phenol	6.39	94	551062	40.356	ng	95
11) bis(2-Chloroethyl)ether	6.48	93	408273	38.954	ng	96
12) 1,3-Dichlorobenzene	6.69	146	439973	41.073	ng	98
13) 1,4-Dichlorobenzene	6.76	146	437271	40.704	ng	99
14) 1,2-Dichlorobenzene	6.92	146	402238	40.845	ng	98
15) Benzyl Alcohol	6.88	79	334656	37.505	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	646760	36.977	ng	99
17) 2-Methylphenol	7.00	107	312021	37.091	ng	99
18) Hexachloroethane	7.26	117	113677	27.625	ng	92
19) n-Nitroso-di-n-propylamine	7.16	70	269377	36.348	ng	97
20) 3+4-Methylphenols	7.15	107	374389	39.420	ng	# 87
22) Acetophenone	7.15	105	538843	43.849	ng	98
24) Nitrobenzene	7.32	77	406707	41.606	ng	99
25) Isophorone	7.56	82	730215	38.593	ng	100
26) 2-Nitrophenol	7.64	139	92538	22.741	ng	97
27) 2,4-Dimethylphenol	7.68	122	300109	39.643	ng	100
28) bis(2-Chloroethoxy)methane	7.78	93	477366	40.353	ng	99
29) 2,4-Dichlorophenol	7.88	162	296759	40.423	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	325260	41.234	ng	99
31) Naphthalene	8.05	128	1062630	40.726	ng	99
32) Benzoic acid	7.76	122	128863m	24.286	ng	
33) 4-Chloroaniline	8.09	127	443306	40.114	ng	98
34) Hexachlorobutadiene	8.17	225	192087	43.178	ng	99
35) Caprolactam	8.45	113	97772	37.813	ng	99
36) 4-Chloro-3-methylphenol	8.57	107	306078	37.673	ng	95
37) 2-Methylnaphthalene	8.74	142	664533	39.438	ng	99
38) 1-Methylnaphthalene	8.84	142	632297	38.738	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	300335	45.136	ng	97

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 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

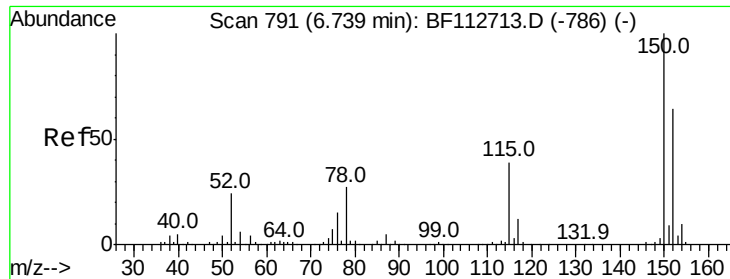
Manual Integrations
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 2/28/2019 12:47:40 PM

Quant Time: Feb 28 05:03:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	10080	2.766	nq	97
43) 2,4,6-Trichlorophenol	9.02	196	193355	42.222	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	209064	42.236	nq	99
46) 1,1'-Biphenyl	9.20	154	818908	43.999	nq	99
47) 2-Chloronaphthalene	9.22	162	611888	42.104	nq	99
48) 2-Nitroaniline	9.31	65	218059	49.364	nq	96
49) Acenaphthylene	9.63	152	1019868	41.338	nq	99
50) Dimethylphthalate	9.50	163	692515	41.160	nq	99
51) 2,6-Dinitrotoluene	9.56	165	117062	33.411	nq #	78
52) Acenaphthene	9.81	154	570435	39.537	nq	99
53) 3-Nitroaniline	9.72	138	217948	51.051	nq	98
54) 2,4-Dinitrophenol	9.82	184	568	6.818	nq #	1
55) Dibenzofuran	9.98	168	868390	41.412	nq	96
56) 4-Nitrophenol	9.87	139	133893	38.589	nq	98
57) 2,4-Dinitrotoluene	9.96	165	134822	30.957	nq #	84
58) Fluorene	10.32	166	638726	42.916	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	180903	43.866	nq	98
60) Diethylphthalate	10.20	149	717088	40.354	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	306267	44.229	nq	95
62) 4-Nitroaniline	10.33	138	221269	56.088	nq	98
63) Azobenzene	10.47	77	697424	38.318	nq	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	849	5.005	nq #	70
66) n-Nitrosodiphenylamine	10.43	169	594461	38.925	nq	100
67) 4-Bromophenyl-phenylether	10.80	248	201662	40.206	nq	93
68) Hexachlorobenzene	10.87	284	237758	42.051	nq #	89
69) Atrazine	10.96	200	165928	35.475	nq	98
70) Pentachlorophenol	11.06	266	123397	37.080	nq	97
71) Phenanthrene	11.27	178	1022418	43.154	nq	99
72) Anthracene	11.33	178	1035642	41.758	nq	99
73) Carbazole	11.48	167	1007385	41.638	nq	99
74) Di-n-butylphthalate	11.82	149	1188285	40.962	nq	99
75) Fluoranthene	12.46	202	1162313	45.790	nq	99
77) Benzidine	12.58	184	822041	49.553	nq	99
78) Pyrene	12.69	202	1191645	44.208	nq	99
80) Butylbenzylphthalate	13.31	149	545907	45.881	nq	97
81) Benzo(a)anthracene	13.87	228	860880	38.847	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	382570	45.646	nq	99
83) Chrysene	13.90	228	839531	38.676	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	685563	49.123	nq	98
85) Di-n-octyl phthalate	14.48	149	1111448	46.379	nq	97
86) Indeno(1,2,3-cd)pyrene	16.65	276	656156	35.457	nq	96
88) Benzo(b)fluoranthene	14.89	252	630360	39.974	nq	98
89) Benzo(k)fluoranthene	14.92	252	599177	41.948	nq	97
90) Benzo(a)pyrene	15.23	252	562709	40.343	nq	98
91) Dibenzo(a,h)anthracene	16.66	278	544852	45.777	nq	100
92) Benzo(g,h,i)perylene	17.06	276	534333	44.708	nq	98

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



#1

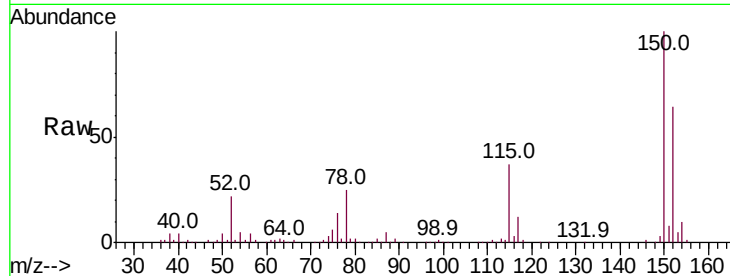
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	58.1	48.2	72.4

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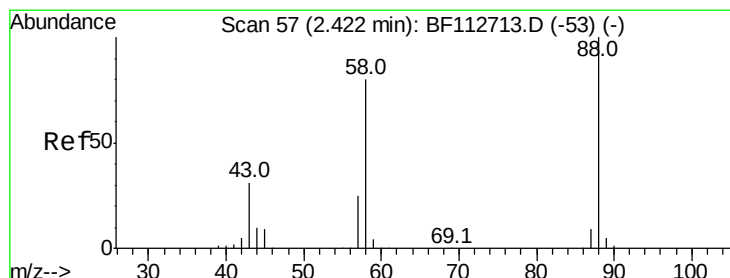
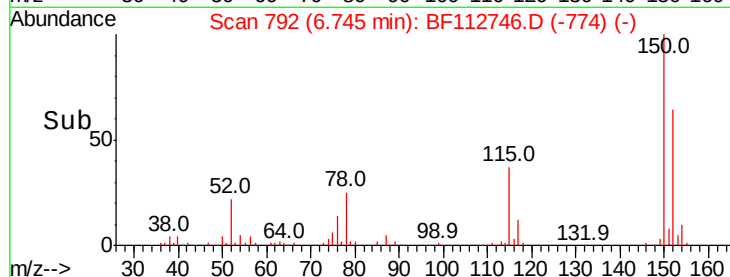
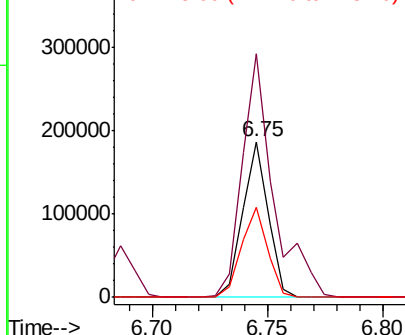


Abundance

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: 40.865 ng
RT: 2.40 min Scan# 53
Delta R.T. -0.02 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

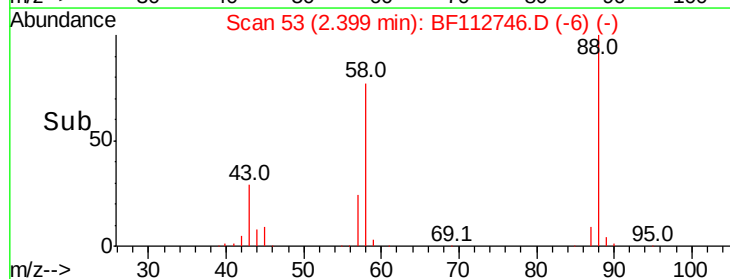
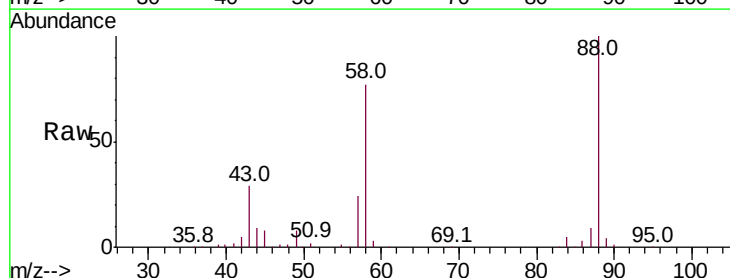
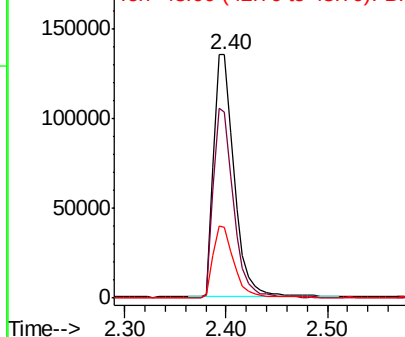
Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.7	63.1	94.7
43	29.3	24.3	36.5

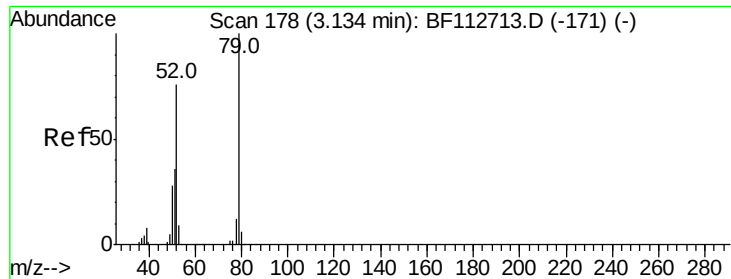
Abundance

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: 41.634 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.02 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

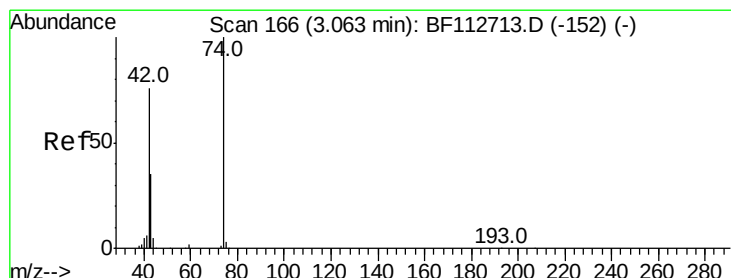
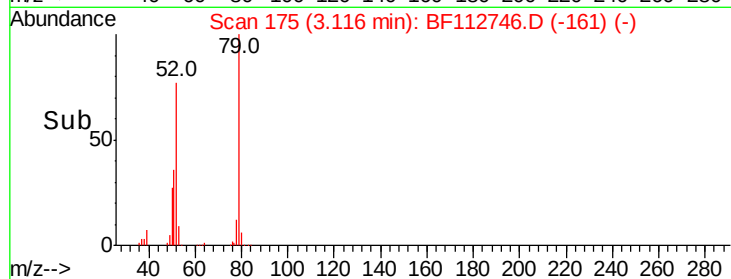
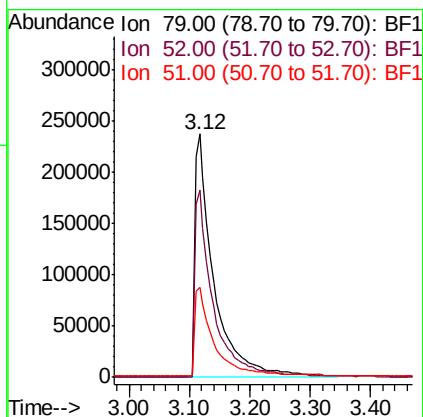
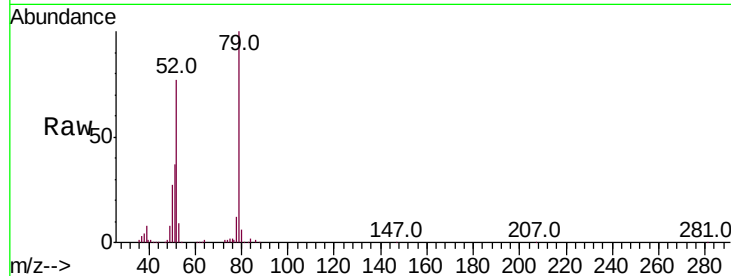
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	520109
Ion Ratio	Lower	Upper	
79	100		
52	76.7	60.5	90.7
51	37.1	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 40.496 ng

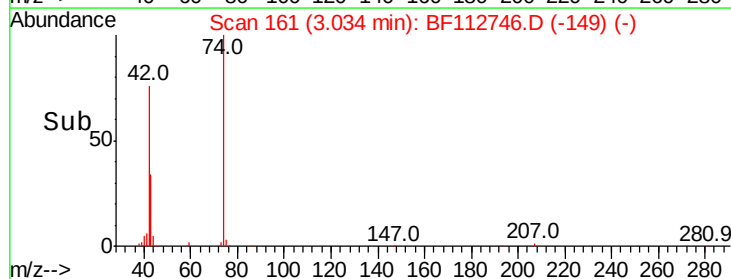
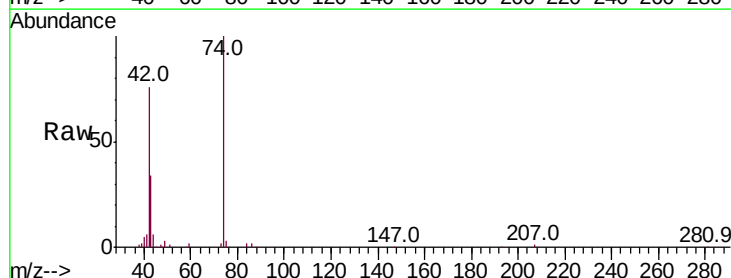
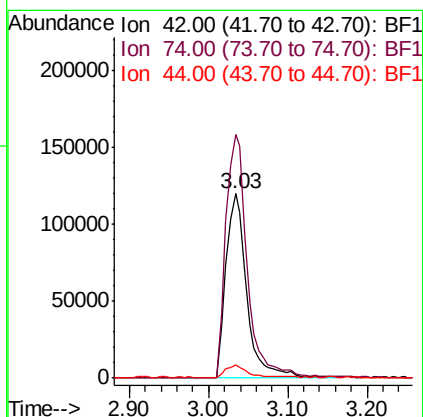
RT: 3.03 min Scan# 161

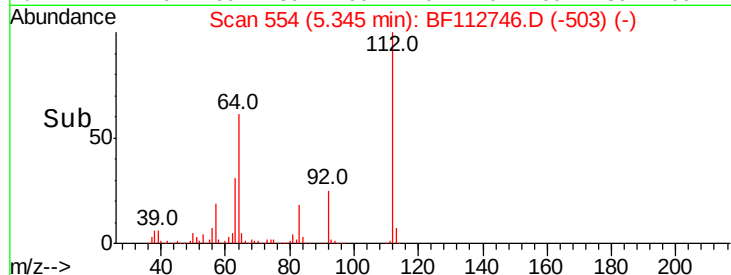
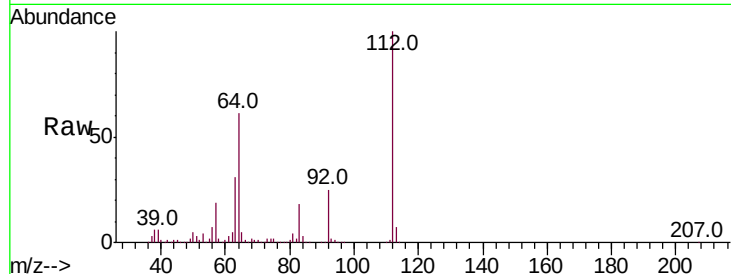
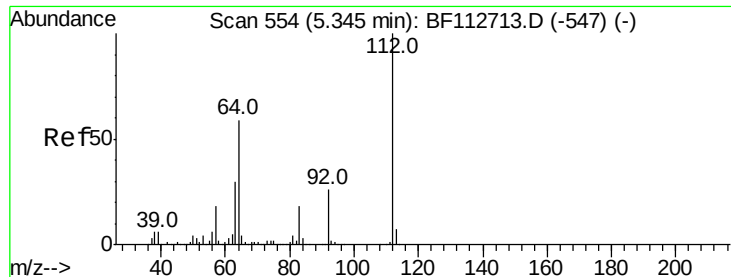
Delta R.T. -0.03 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Tgt Ion:	42	Resp:	221301
Ion Ratio	Lower	Upper	
42	100		
74	131.9	105.8	158.8
44	7.3	6.2	9.2





#5

2-Fluorophenol

Concen: 85.423 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Tot Ion:	112	Resp:	795743
Ion Ratio	Lower	Upper	
112	100		
64	61.4	47.6	71.4
63	30.7	24.4	36.6

Instrument :

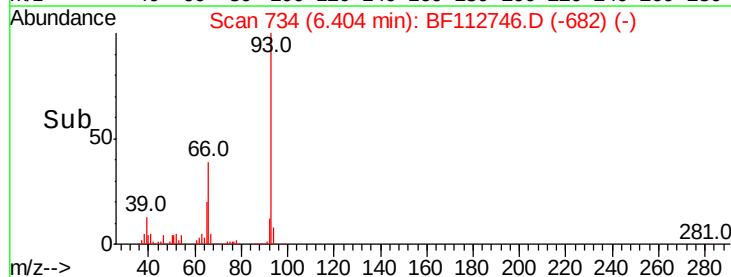
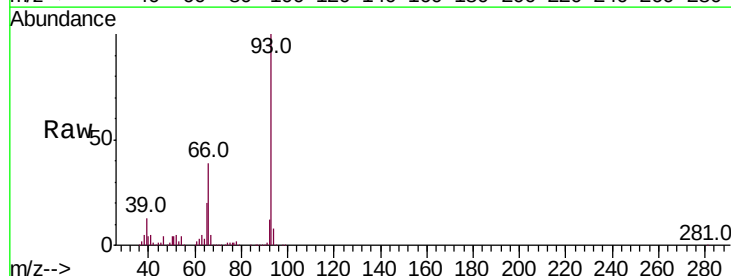
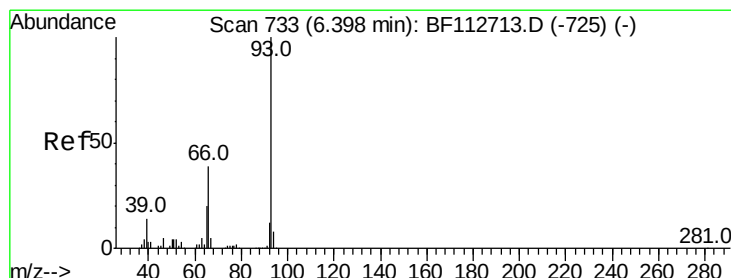
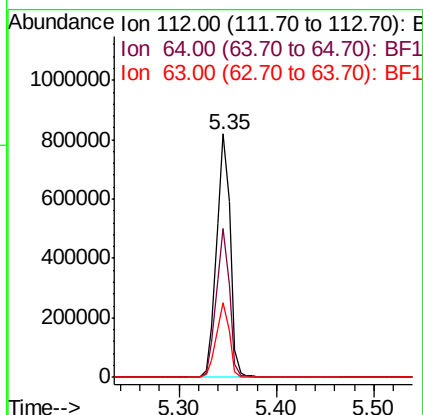
BNA_F

ClientSampled :

SSTDCCC040

Manual Integrations
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#6

Aniline

Concen: 39.189 ng

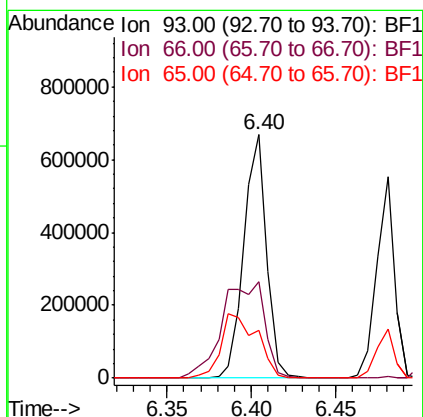
RT: 6.40 min Scan# 734

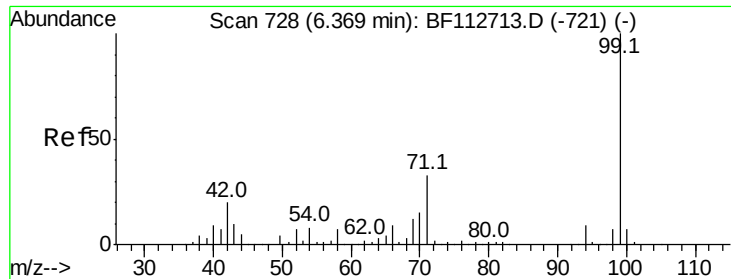
Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Tgt Ion:	93	Resp:	631222
Ion Ratio	Lower	Upper	
93	100		
66	39.3	32.2	48.2
65	19.8	16.2	24.4





#7

Phenol-d6

Concen: 80.083 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

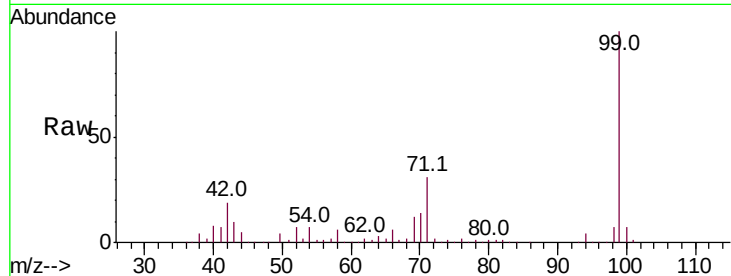
ClientSampleId :

SSTDCCC040

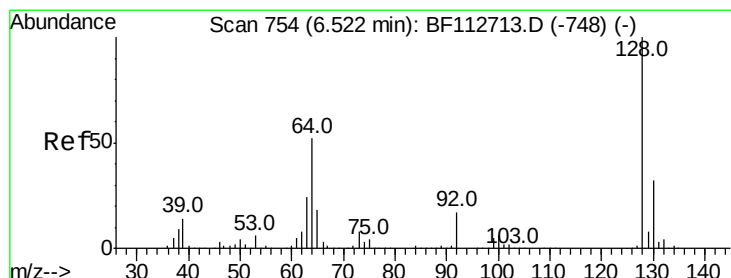
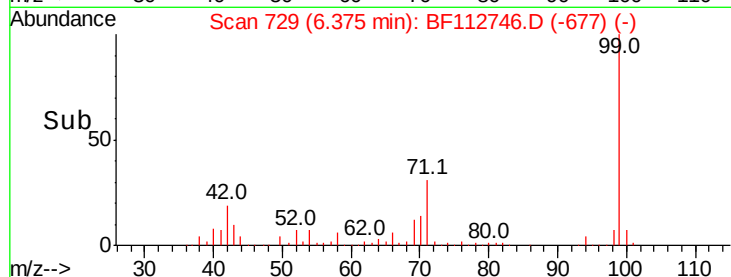
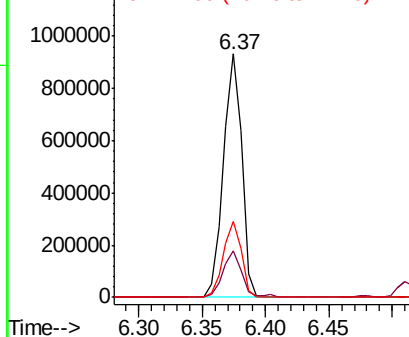
Tot Ion:	99	Resp:	937097
Ion Ratio	Lower	Upper	
99	100		
42	18.9	16.3	24.5
71	31.3	26.2	39.4

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



#8

2-Chlorophenol

Concen: 39.987 ng

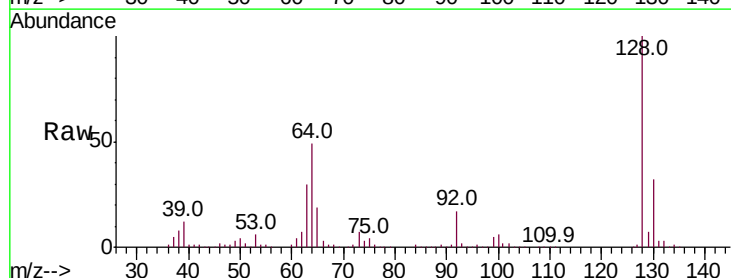
RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

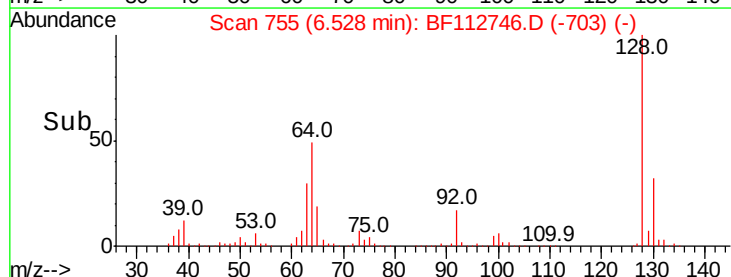
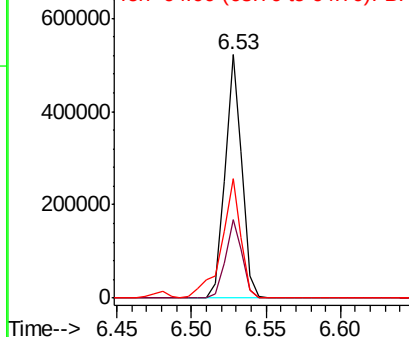
Lab File: BF112746.D

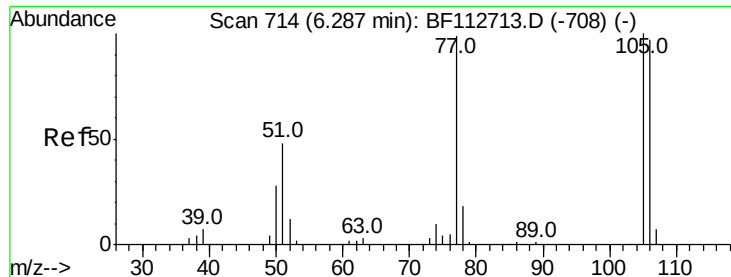
Acq: 28 Feb 2019 4:34

Tgt Ion:	128	Resp:	414653
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.4	52.4
64	49.2	32.2	72.2



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





#9

Benzaldehyde

Concen: 39.652 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

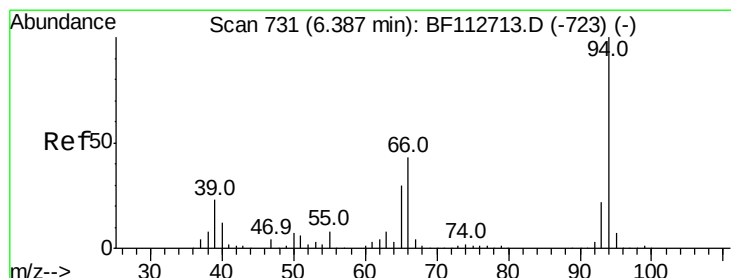
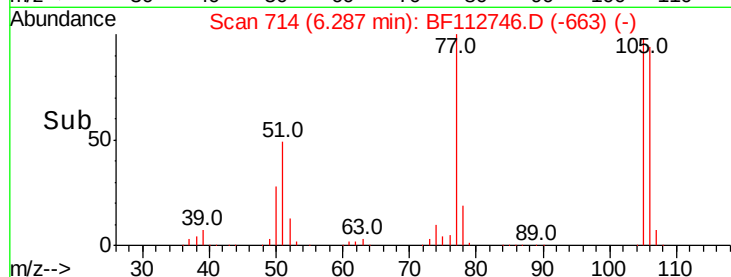
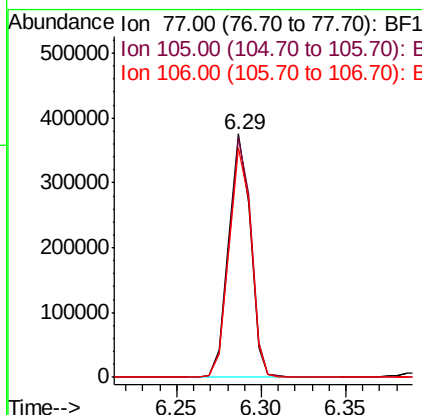
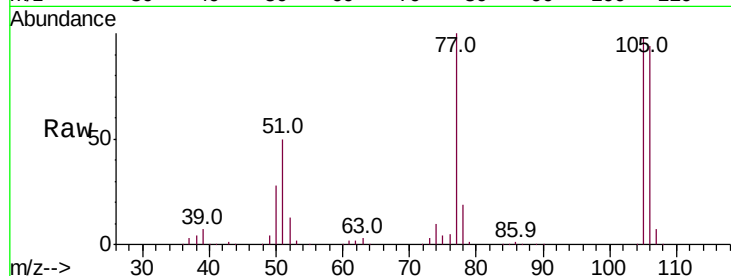
ClientSampleID :

SSTDCCC040

Tot Ion:	77	Resp:	334322
Ion Ratio	Lower	Upper	
77	100		
105	98.4	81.4	121.4
106	94.2	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 40.356 ng

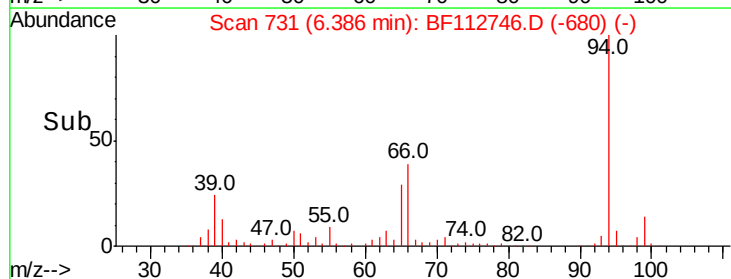
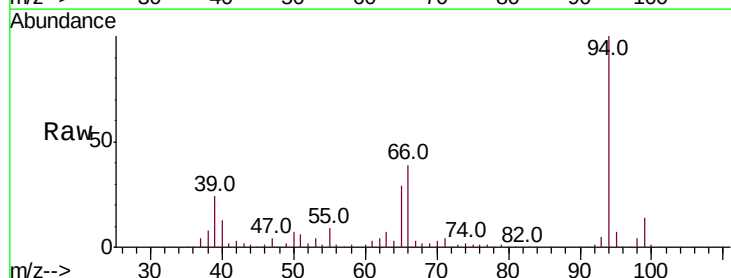
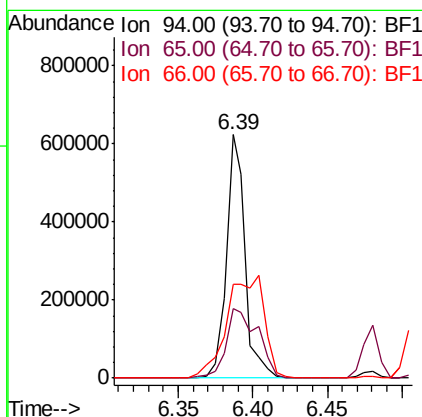
RT: 6.39 min Scan# 731

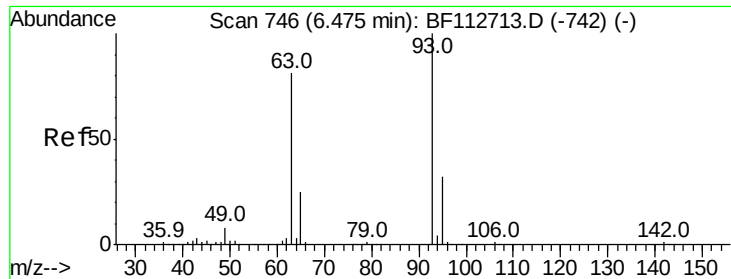
Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Tgt Ion:	94	Resp:	551062
Ion Ratio	Lower	Upper	
94	100		
65	28.6	10.5	50.5
66	38.8	22.6	62.6





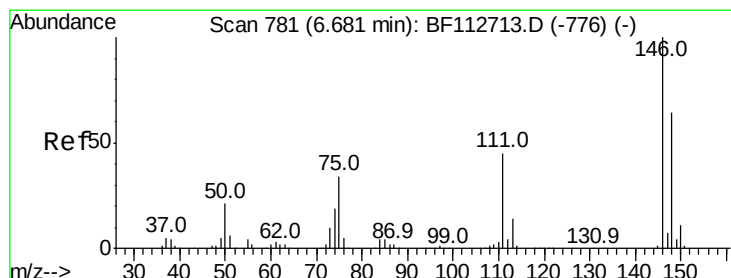
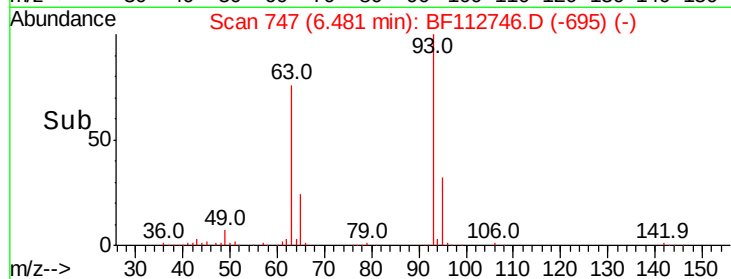
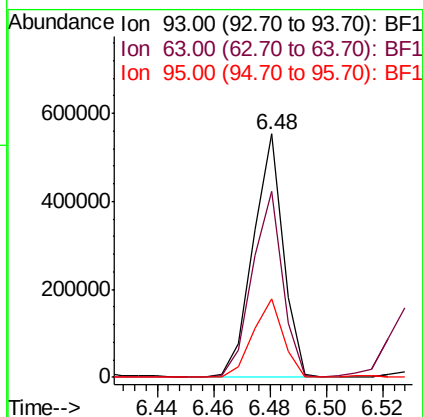
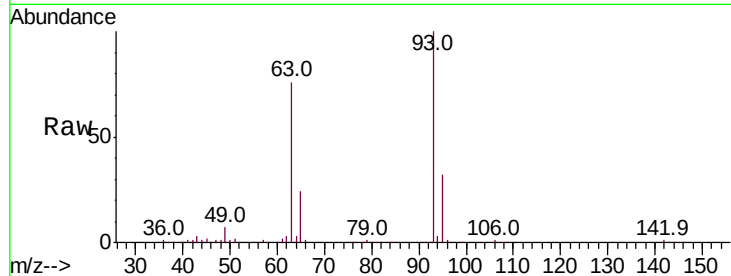
#11
bis(2-Chloroethyl)ether
Concen: 38.954 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	76.2	60.5	100.5	
95	32.4	12.1	52.1	

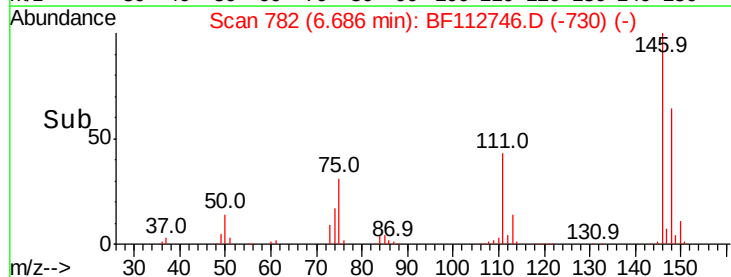
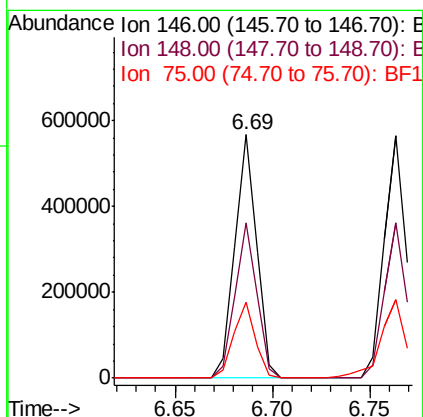
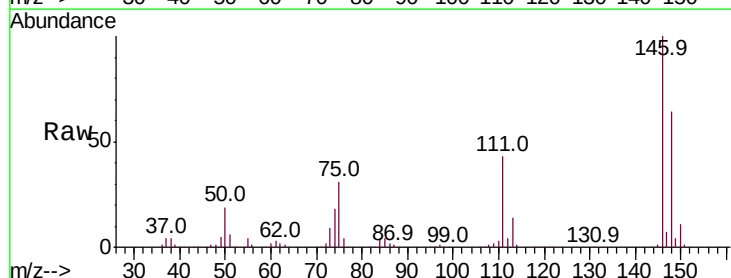
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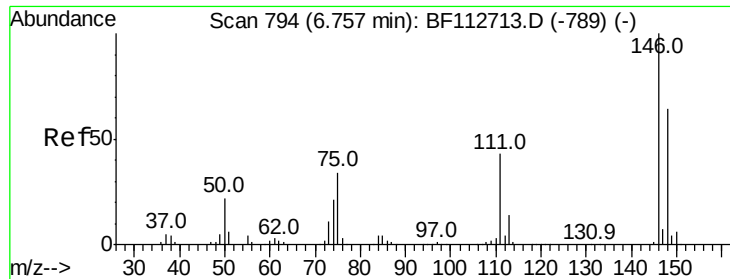
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.073 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.9	50.9	76.3	
75	31.1	26.9	40.3	





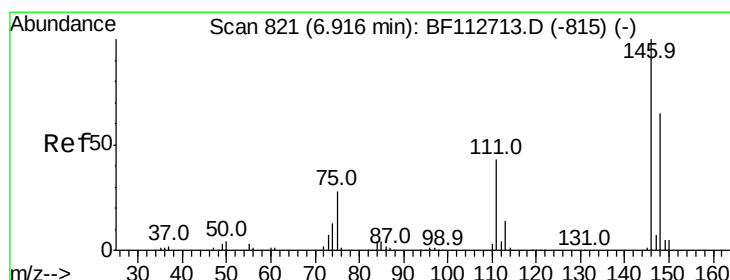
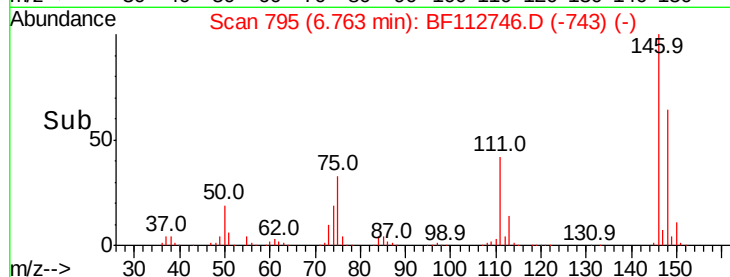
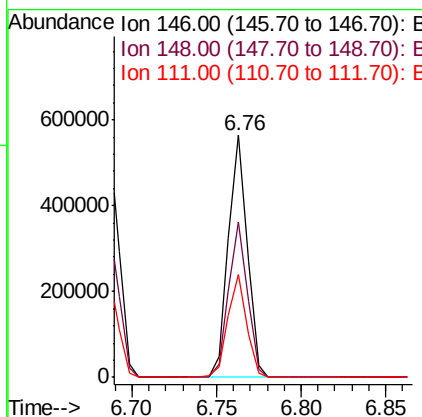
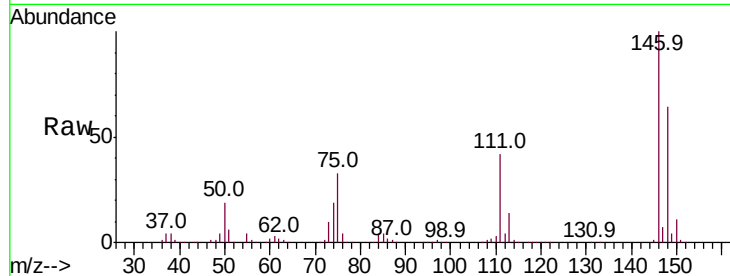
#13
 1,4-Dichlorobenzene
 Concen: 40.704 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
111	42.3	34.5	51.7

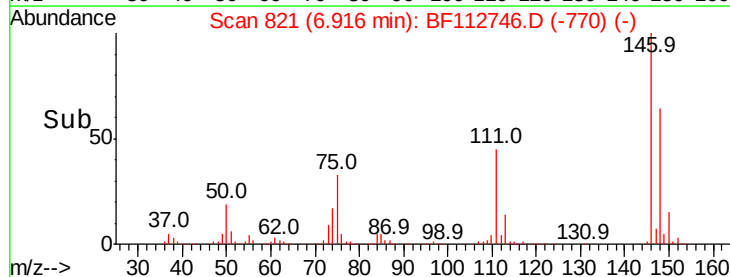
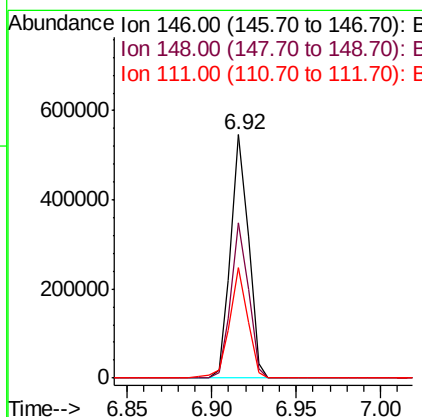
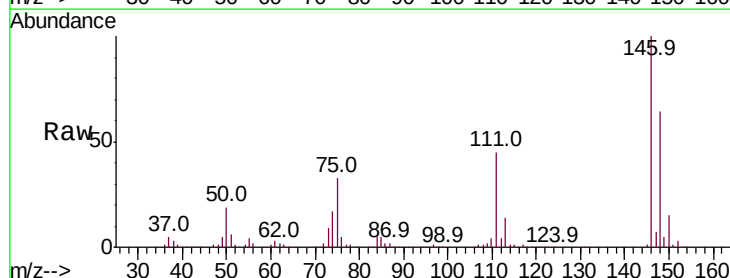
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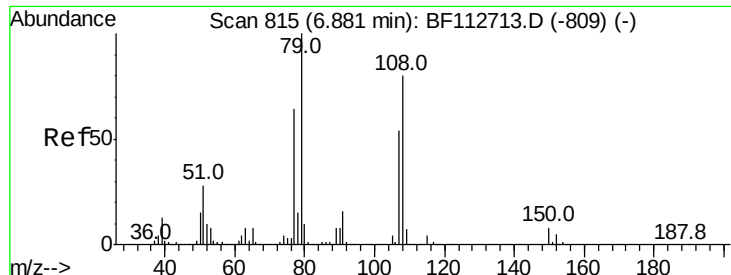
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#14
 1,2-Dichlorobenzene
 Concen: 40.845 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	45.3	34.8	52.2





#15

Benzyl Alcohol

Concen: 37.505 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

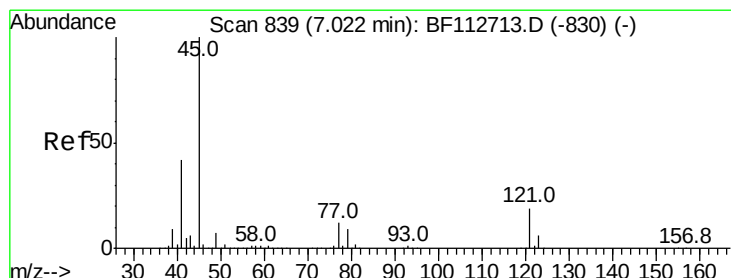
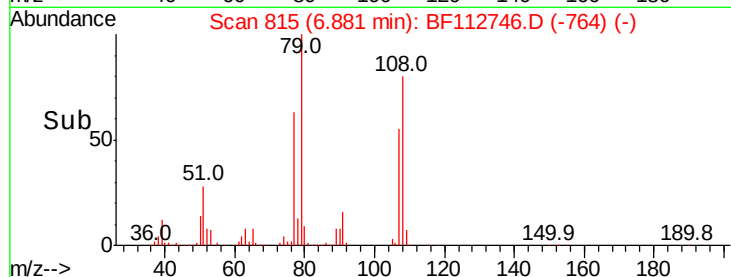
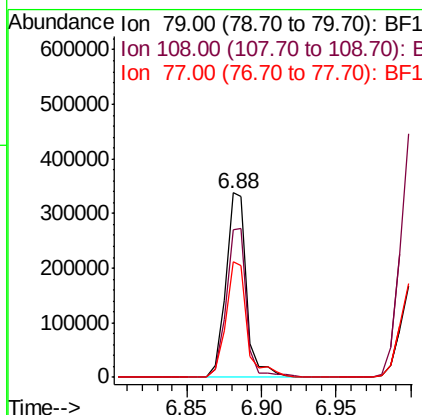
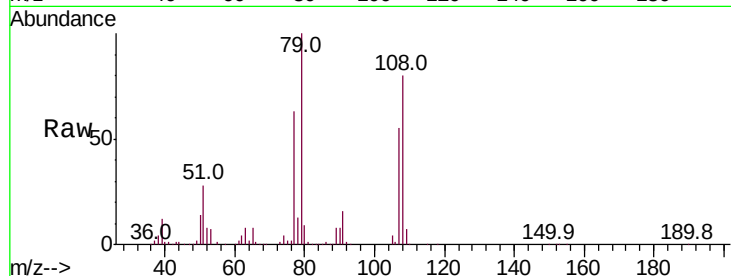
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	334656
Ion Ratio	Lower	Upper	
79	100		
108	80.0	64.2	96.4
77	62.7	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.977 ng

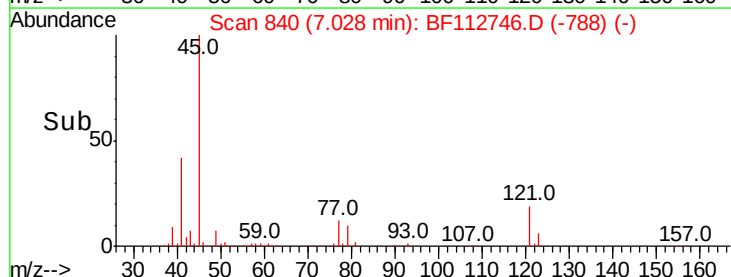
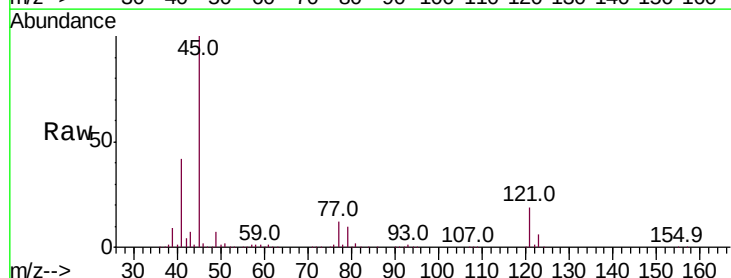
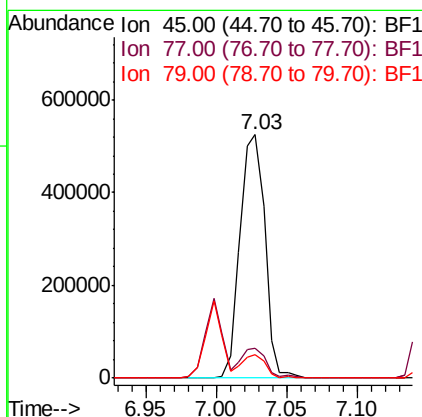
RT: 7.03 min Scan# 840

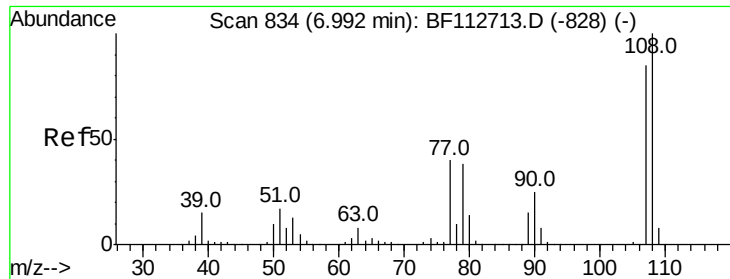
Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Tgt Ion:	45	Resp:	646760
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	32.1
79	9.7	0.0	29.4





#17

2-Methylphenol

Concen: 37.091 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

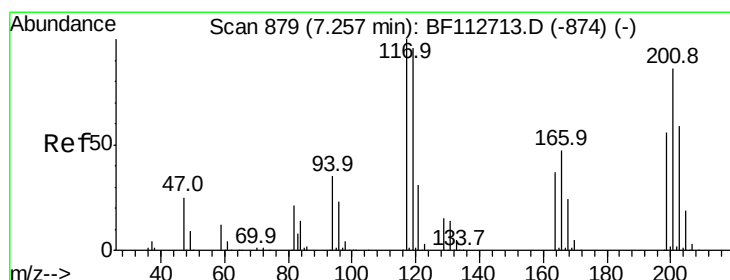
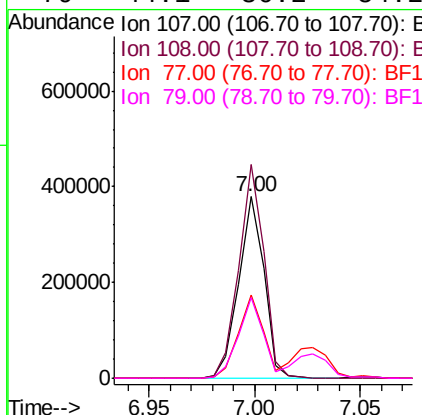
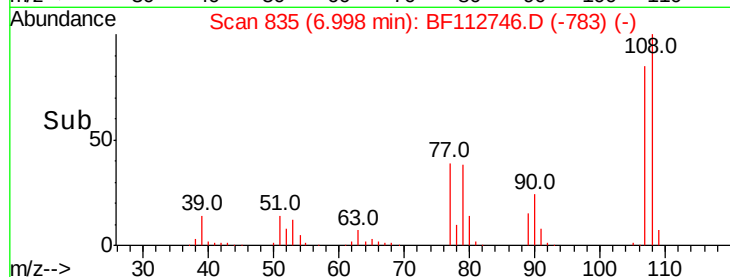
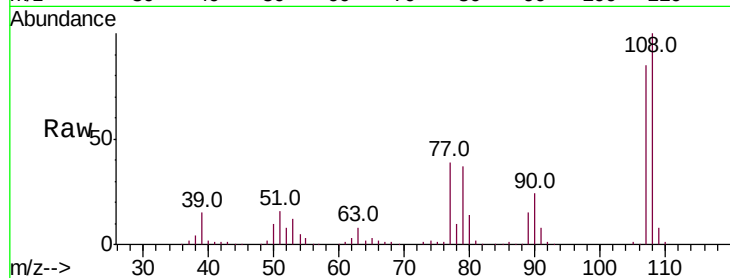
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.6	94.6	142.0	
77	45.7	37.8	56.8	
79	44.1	36.2	54.2	

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#18

Hexachloroethane

Concen: 27.625 ng

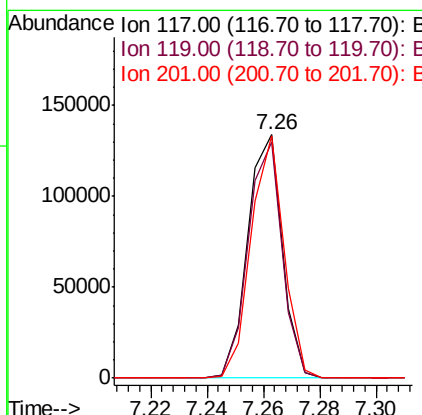
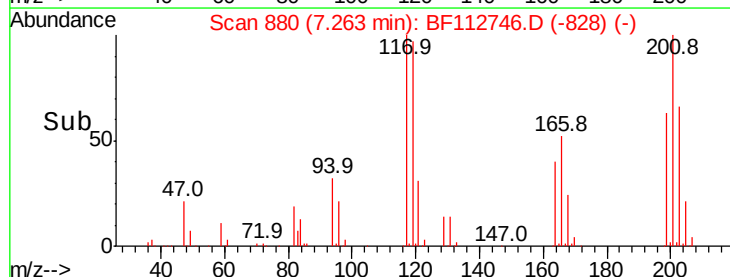
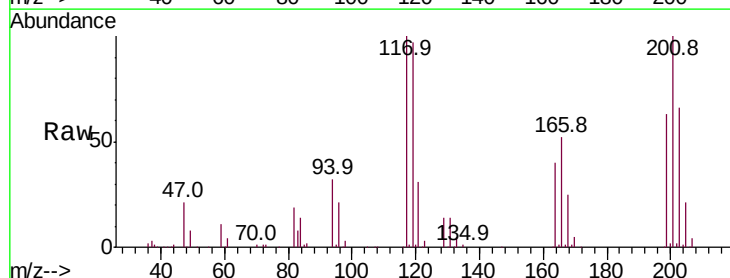
RT: 7.26 min Scan# 880

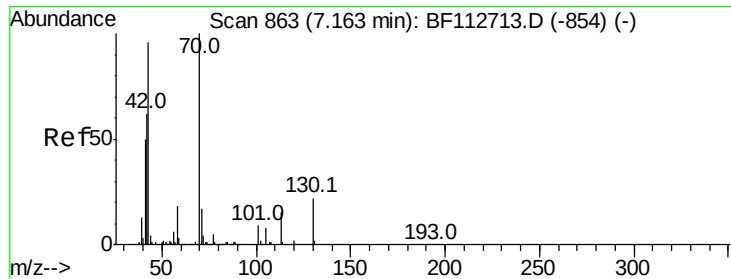
Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	76.6	115.0	
201	99.7	68.9	103.3	





#19

n-Nitroso-di-n-propylamine

Concen: 36.348 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

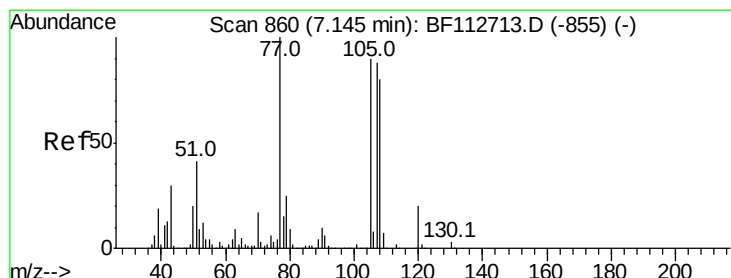
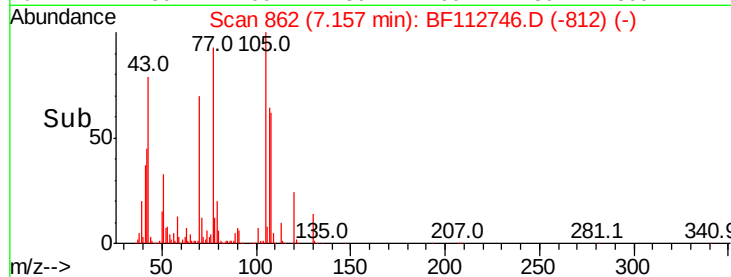
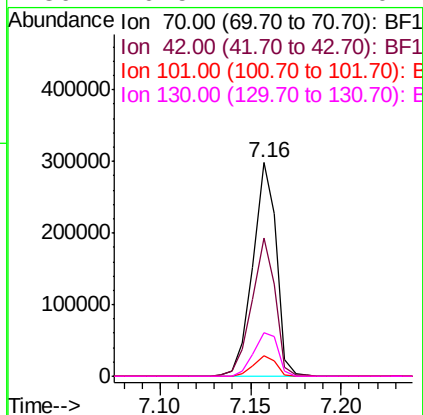
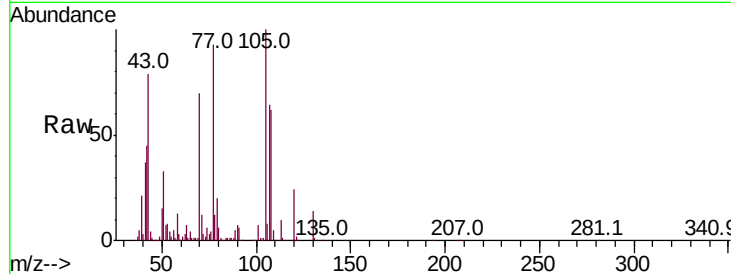
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.7	49.9	74.9
101	9.4	7.4	11.2
130	20.5	17.4	26.2

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#20

3+4-Methylphenols

Concen: 39.420 ng

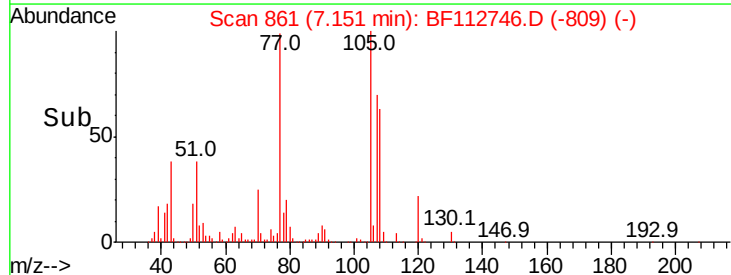
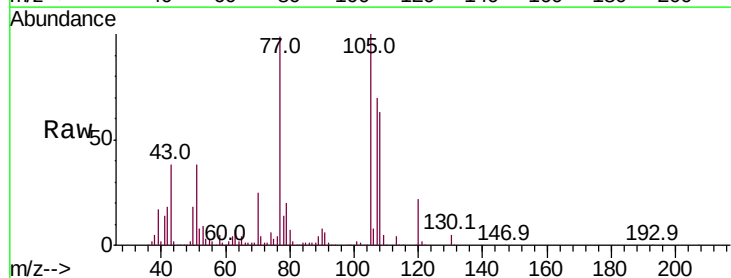
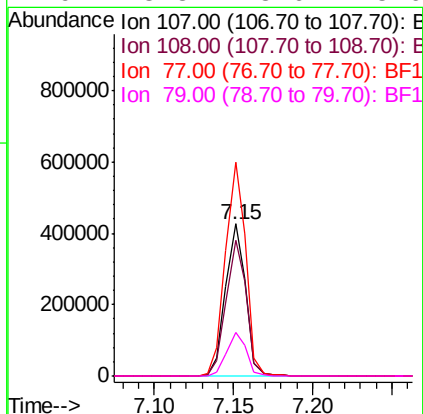
RT: 7.15 min Scan# 861

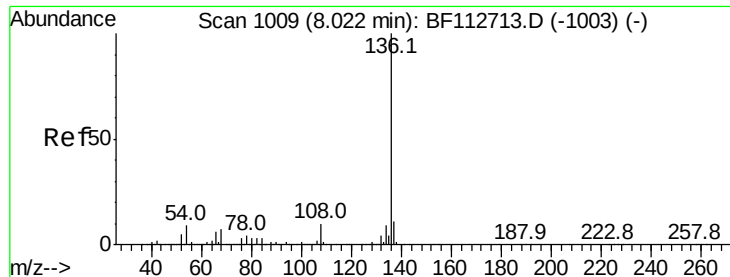
Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.4	111.4
77	140.7	94.1	134.1#
79	28.3	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

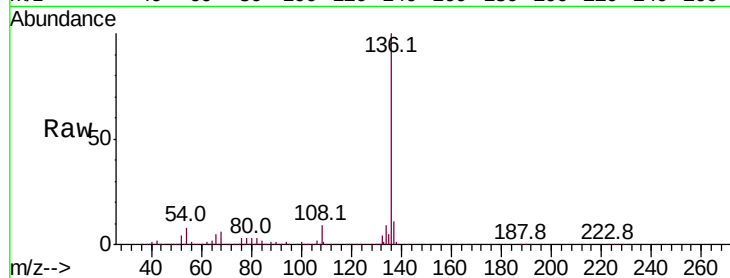
ClientSampleId :

SSTDCCC040

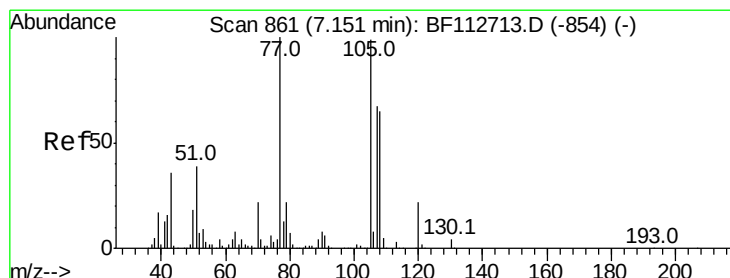
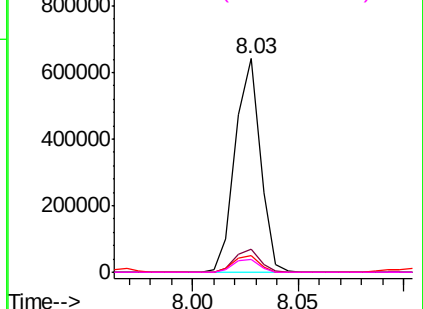
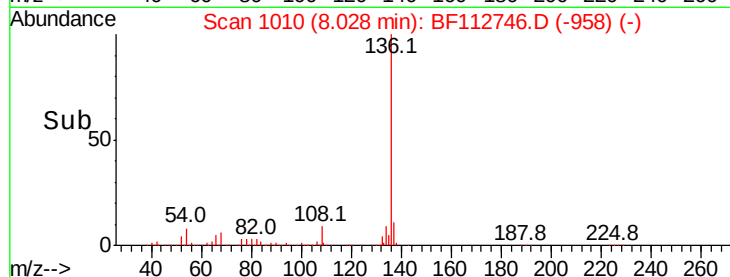
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	8.0	7.3	10.9	
68	6.1	5.4	8.2	

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Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.849 ng

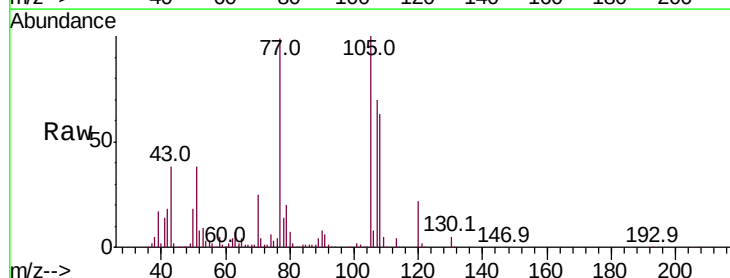
RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

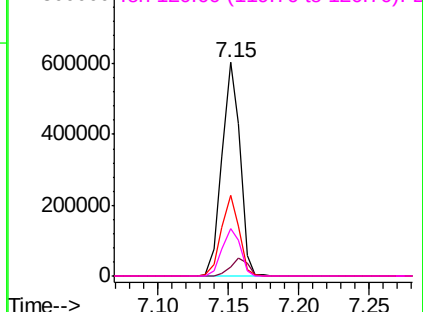
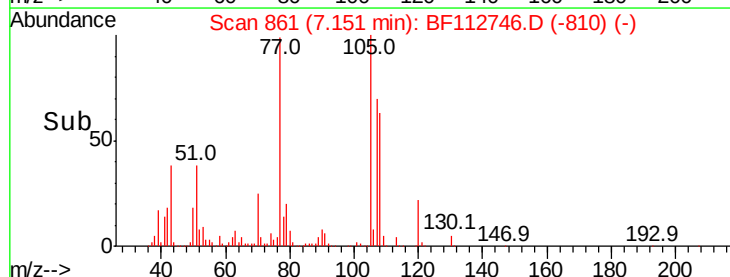
Lab File: BF112746.D

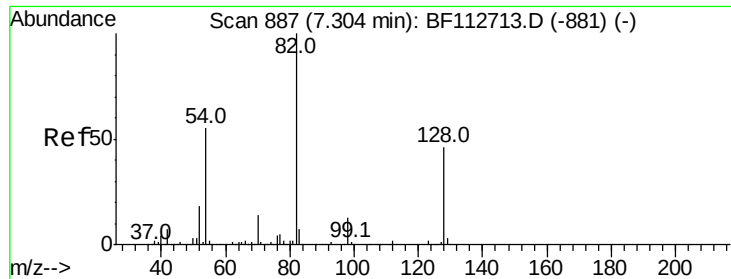
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.2	3.0	4.4	
51	37.9	31.5	47.3	
120	22.0	18.1	27.1	



Abundance Ion 105.00 (104.70 to 105.70): E
800000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





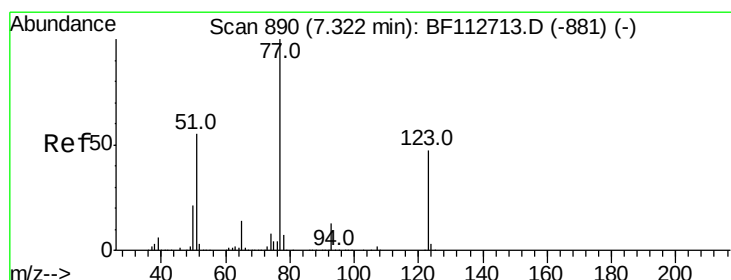
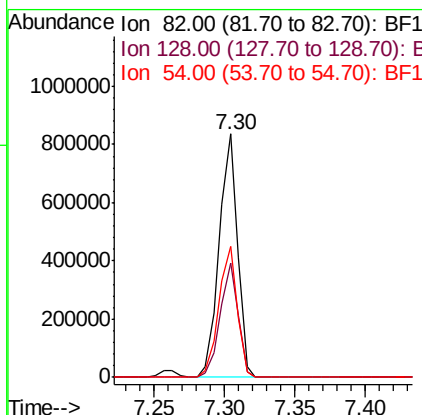
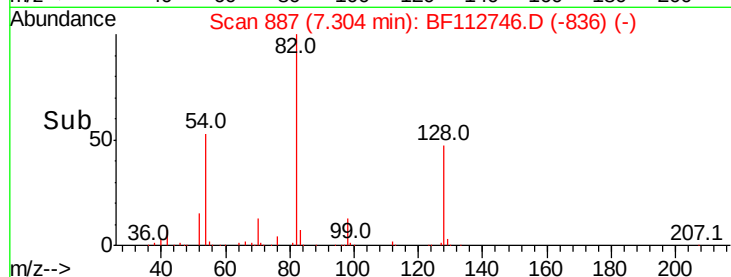
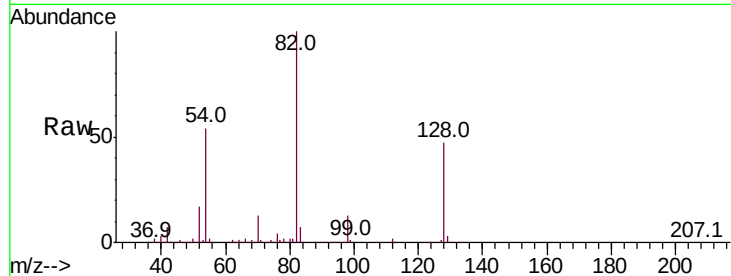
#23
Nitrobenzene-d5
Concen: 86.053 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.3	54.5
54	54.0	43.7	65.5

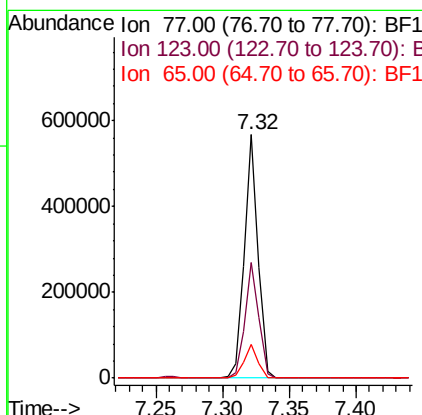
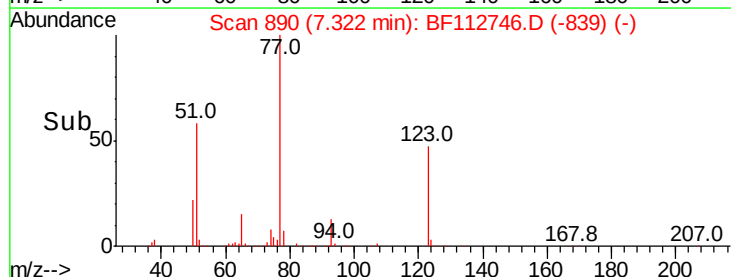
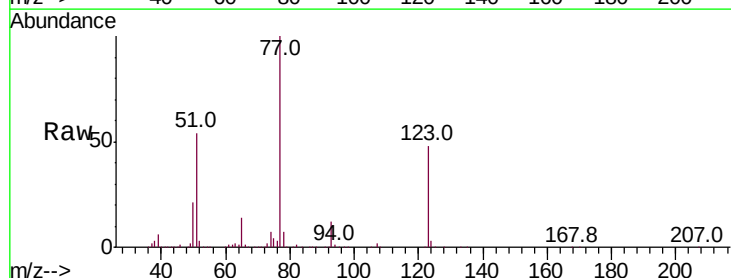
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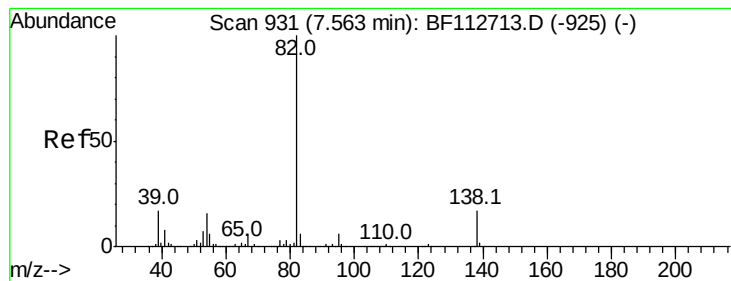
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#24
Nitrobenzene
Concen: 41.606 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.8	56.6
65	13.7	11.1	16.7





#25

Isophorone

Concen: 38.593 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

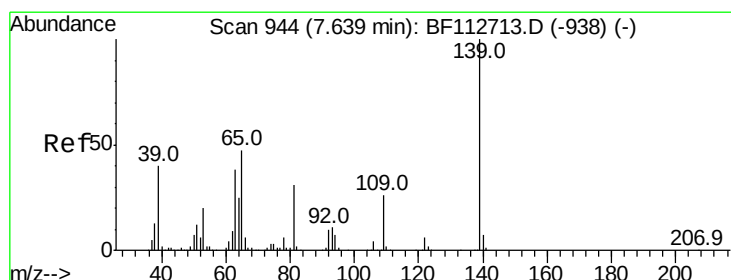
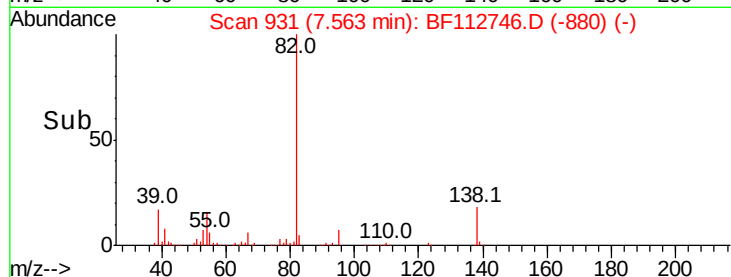
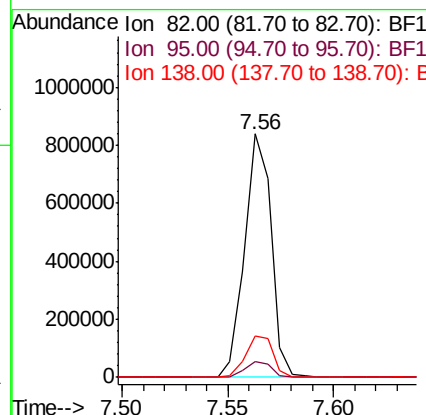
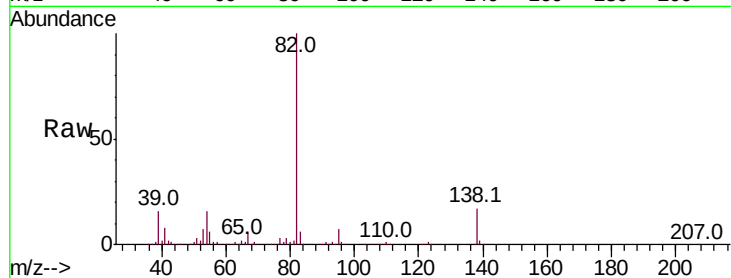
ClientSampled :

SSTDCCC040

Tot Ion:	82	Resp:	730215
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.2	13.8	20.8

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#26

2-Nitrophenol

Concen: 22.741 ng

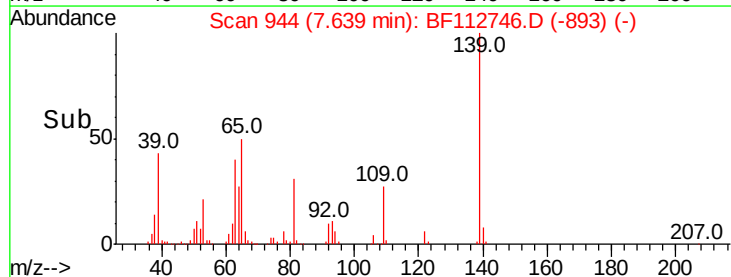
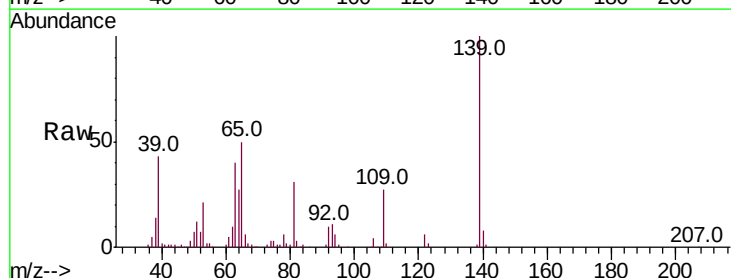
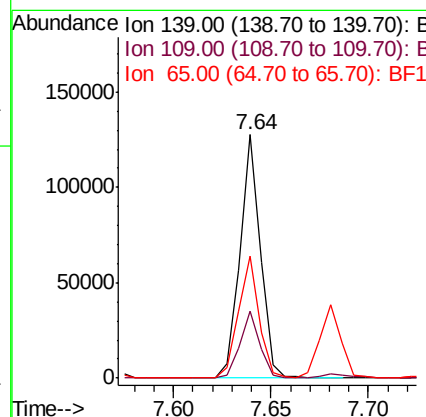
RT: 7.64 min Scan# 944

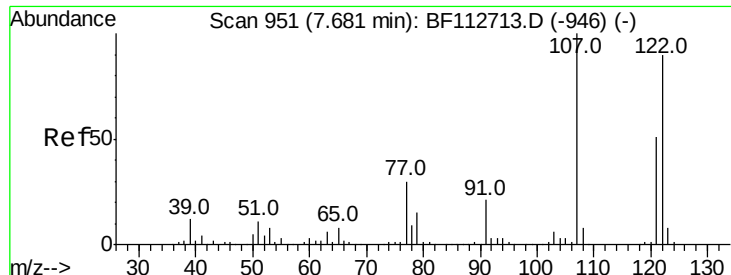
Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Tgt Ion:	139	Resp:	92538
Ion Ratio	Lower	Upper	
139	100		
109	27.3	20.6	31.0
65	49.9	37.9	56.9





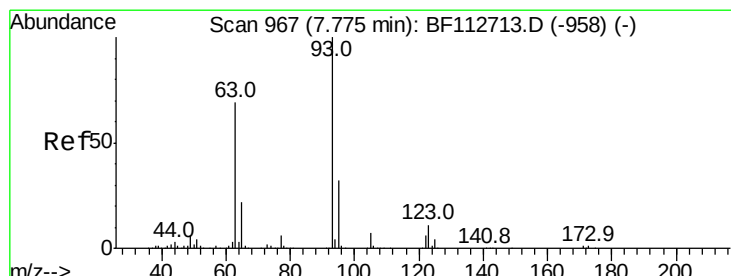
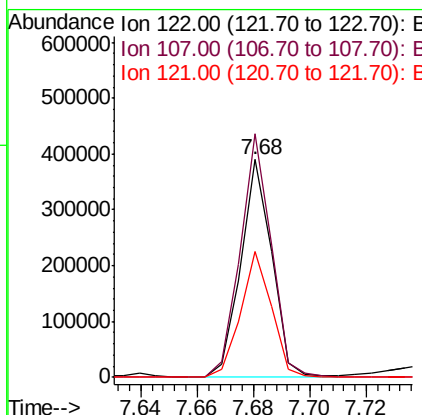
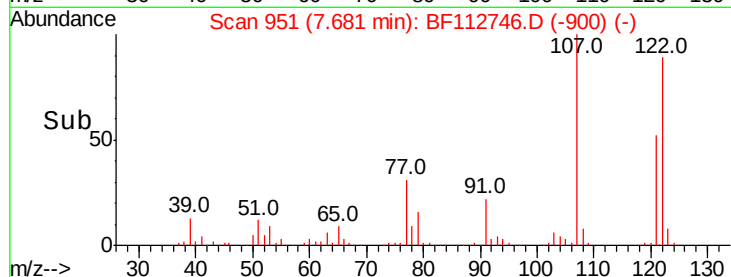
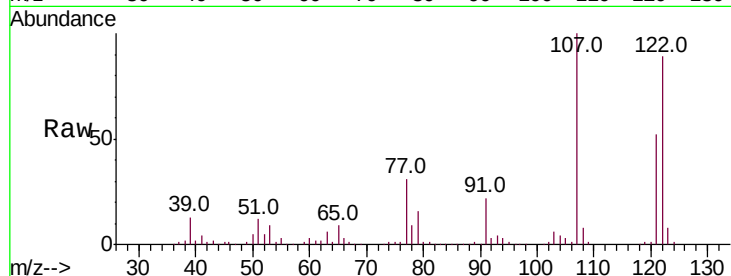
#27
 2,4-Dimethylphenol
 Concen: 39.643 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:	122	Resp:	300109
Ion Ratio	Lower	Upper	
122	100		
107	111.8	89.4	134.0
121	57.6	45.5	68.3

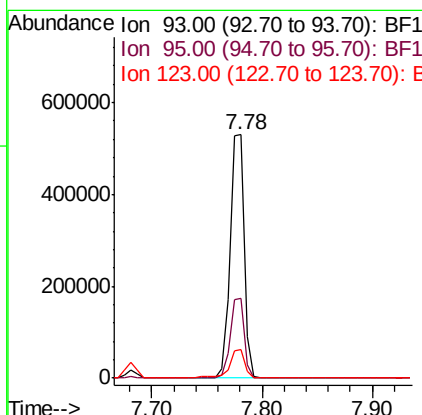
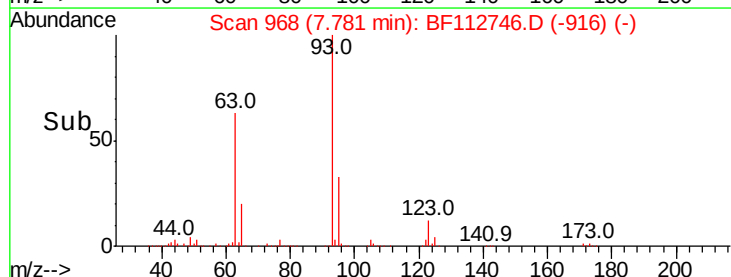
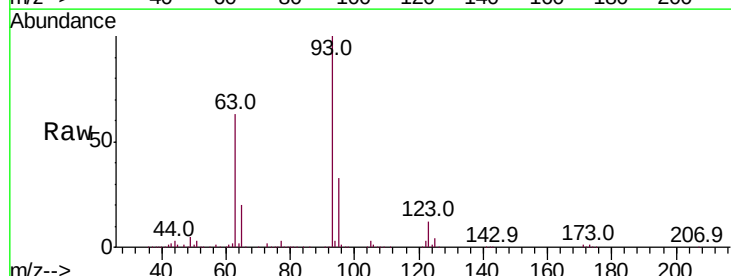
Manual Integrations
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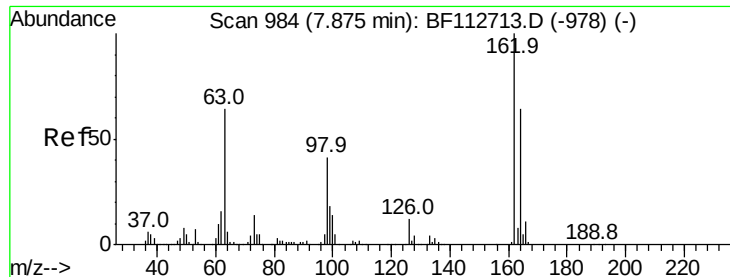
Sohil
 2/28/2019 12:47:40 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.353 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion:	93	Resp:	477366
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.0	39.0
123	11.9	9.3	13.9





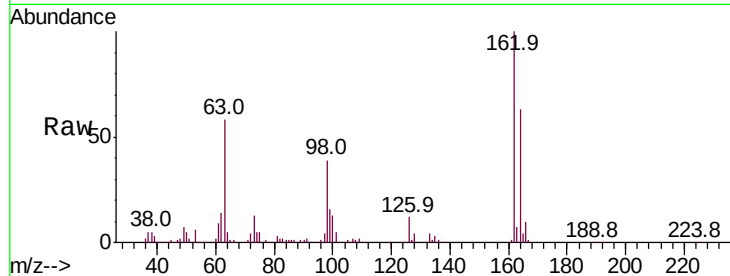
#29
2,4-Dichlorophenol
Concen: 40.423 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.0	44.0	84.0
98	39.1	20.7	60.7

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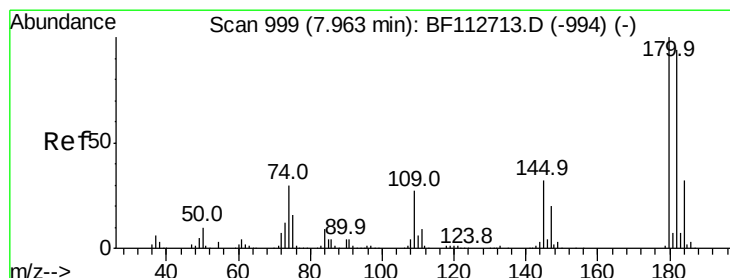
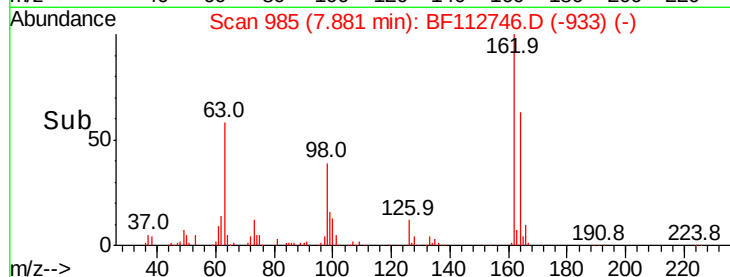
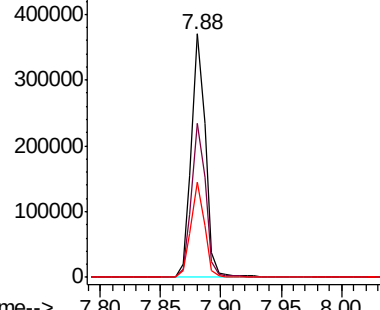


Abundance

Ion 162.00 (161.70 to 162.70): E

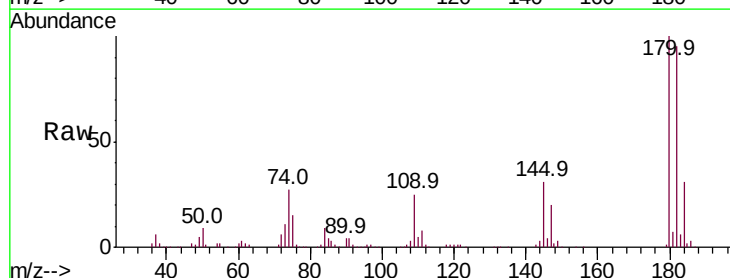
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.234 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.1	75.2	112.8
145	30.6	25.4	38.0

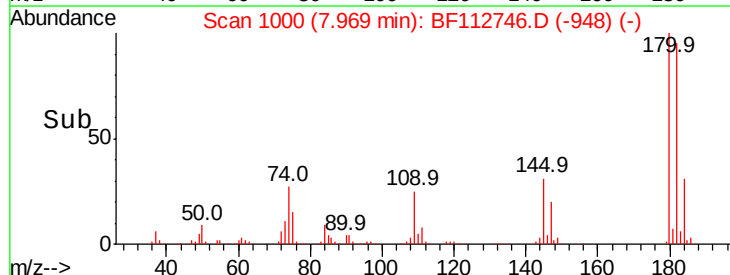
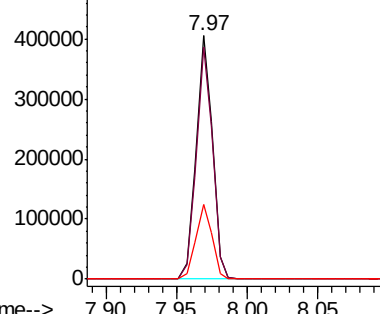


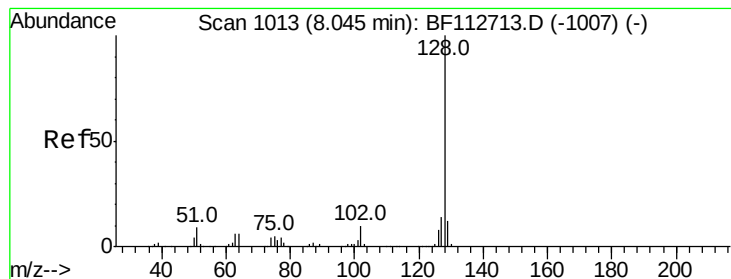
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.726 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1062630

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

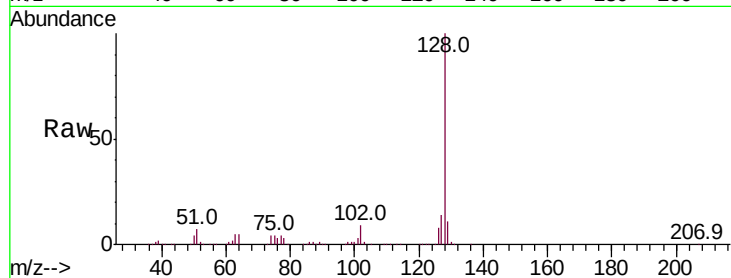
127 13.6 10.9 16.3

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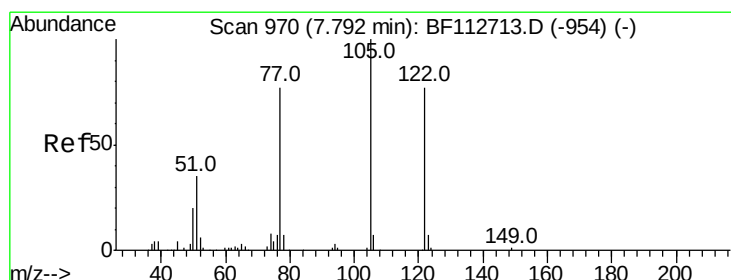
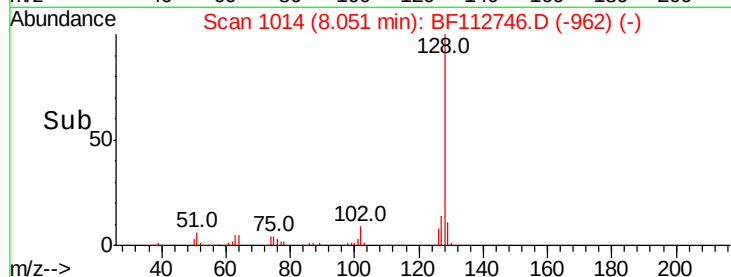
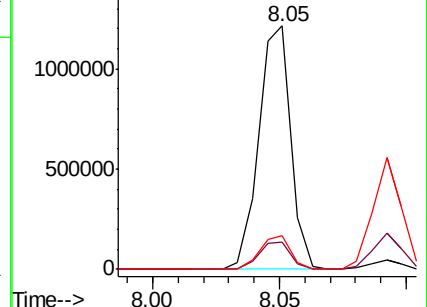
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.286 ng m

RT: 7.76 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

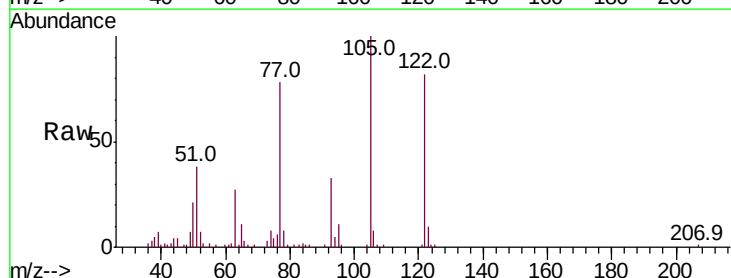
Tgt Ion:122 Resp: 128863

Ion Ratio Lower Upper

122 100

105 121.4 106.8 146.8

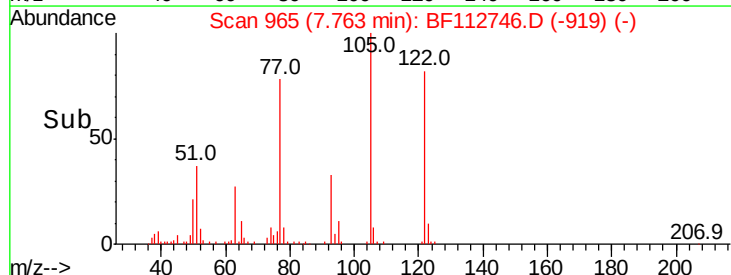
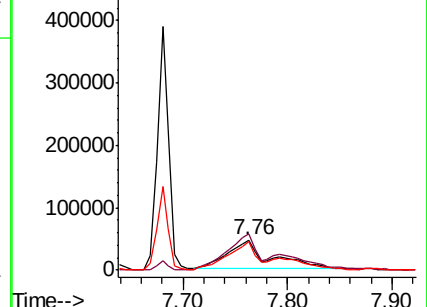
77 94.1 79.4 119.4

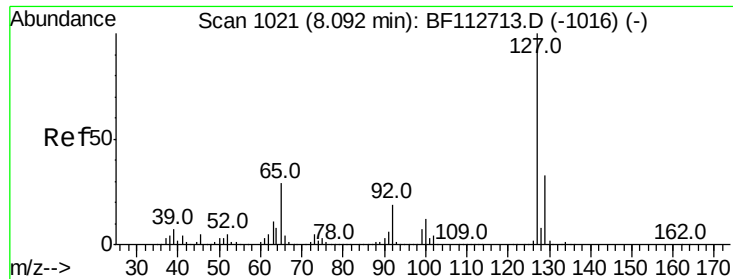


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





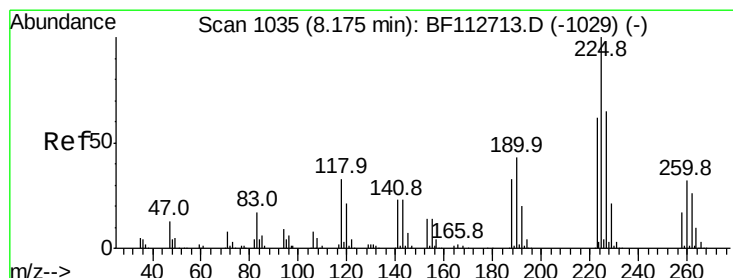
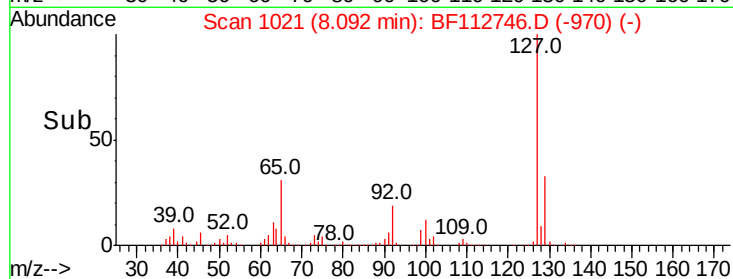
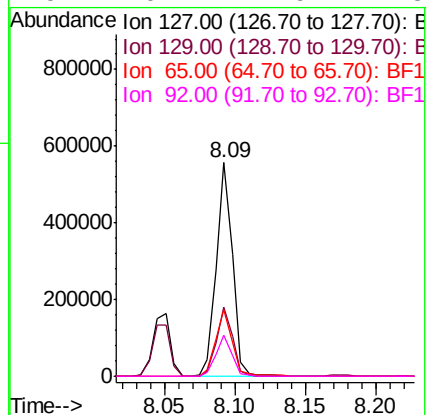
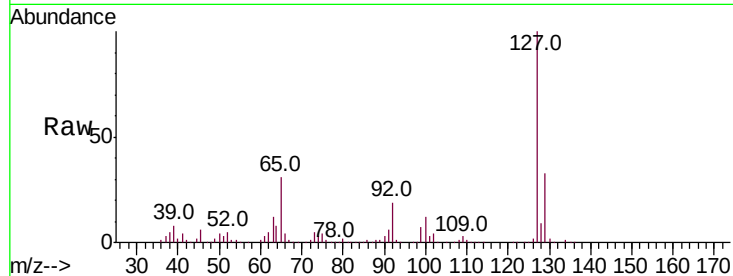
#33
4-Chloroaniline
Concen: 40.114 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.4	39.6	
65	31.3	23.1	34.7	
92	19.2	14.9	22.3	

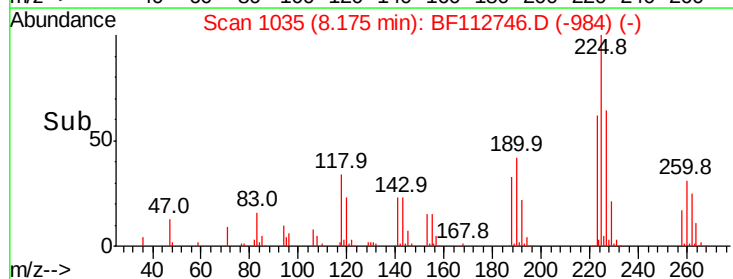
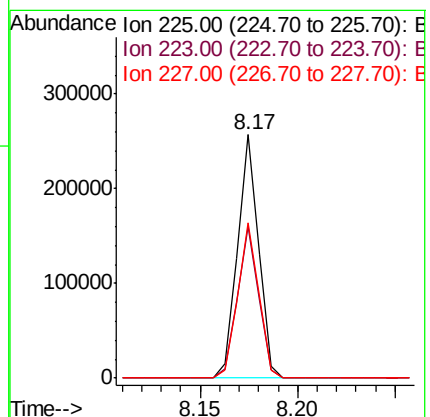
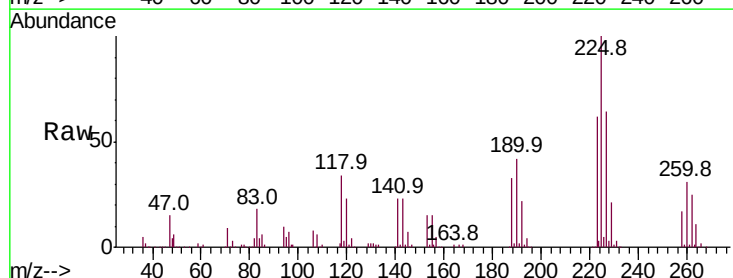
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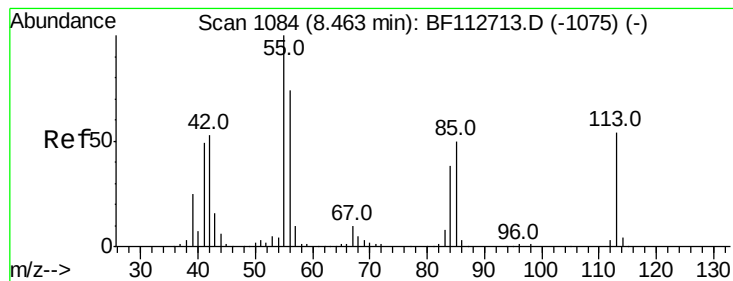
Sohil
2/28/2019 12:47:40 PM



#34
Hexachlorobutadiene
Concen: 43.178 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	49.7	74.5	
227	63.8	52.1	78.1	





#35

Caprolactam

Concen: 37.813 ng

RT: 8.45 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

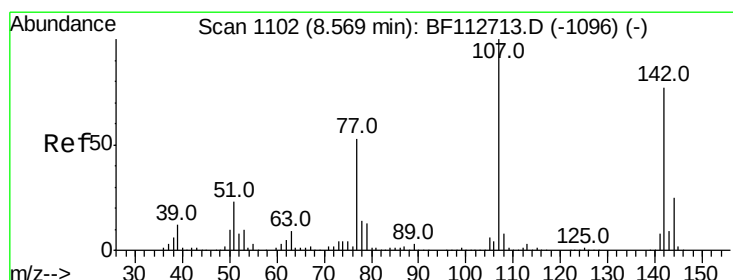
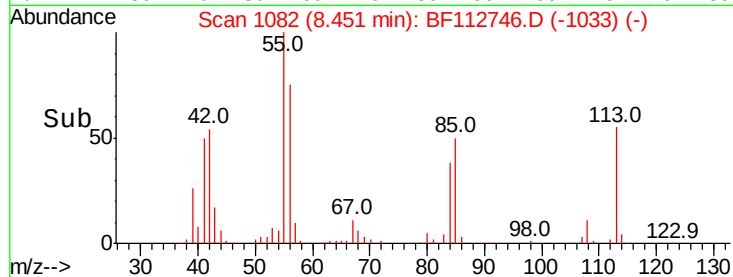
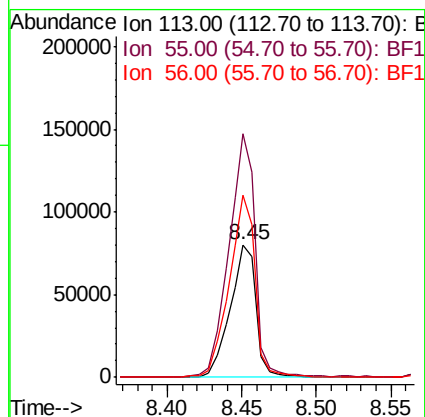
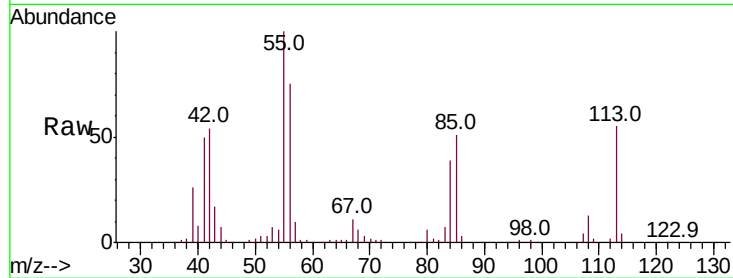
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	97772
Ion Ratio	Lower	Upper	
113	100		
55	183.5	163.5	203.5
56	136.9	115.3	155.3

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#36

4-Chloro-3-methylphenol

Concen: 37.673 ng

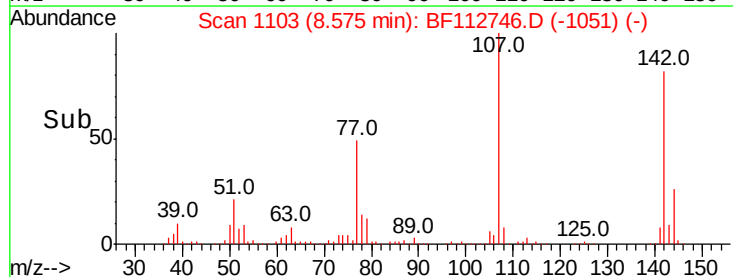
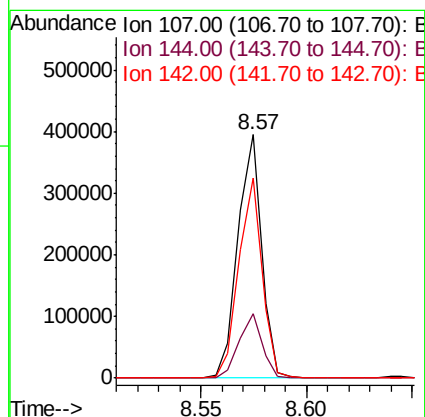
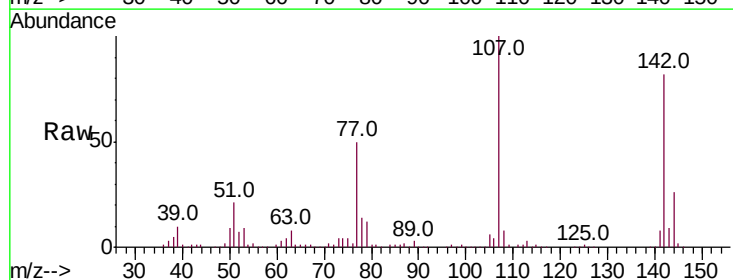
RT: 8.57 min Scan# 1103

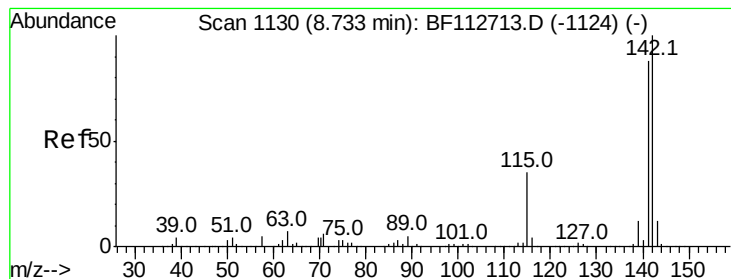
Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Tgt Ion:	107	Resp:	306078
Ion Ratio	Lower	Upper	
107	100		
144	26.4	20.1	30.1
142	82.1	61.9	92.9





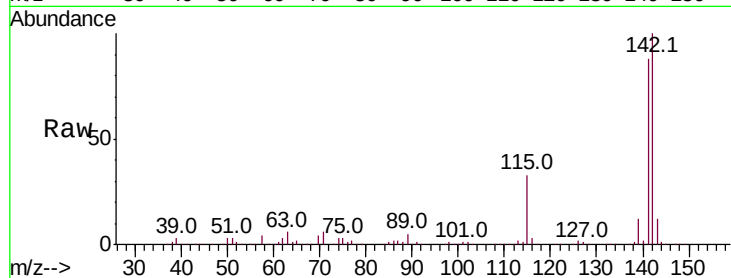
#37
2-Methylnaphthalene
Concen: 39.438 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	664533		
141	87.7	70.3	105.5	
115	33.0	27.8	41.6	

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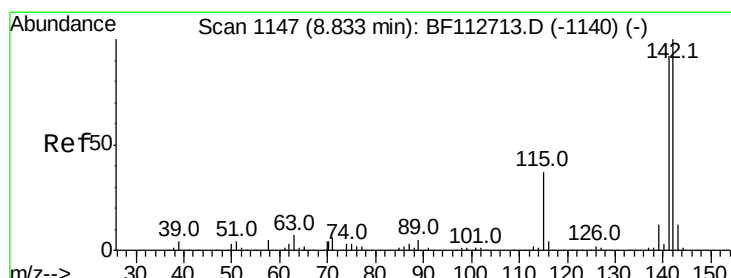
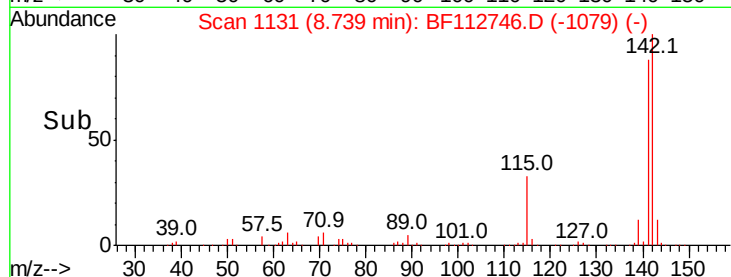
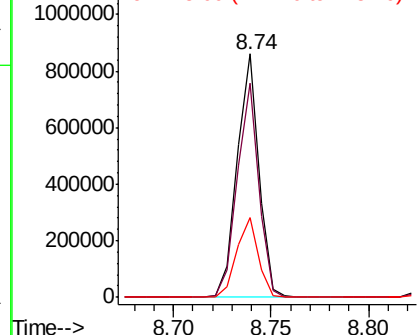


Abundance

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: 38.738 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

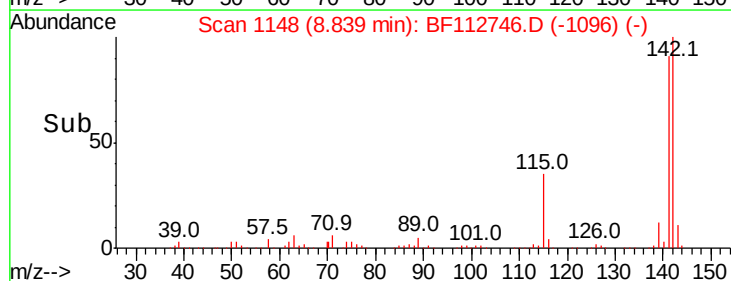
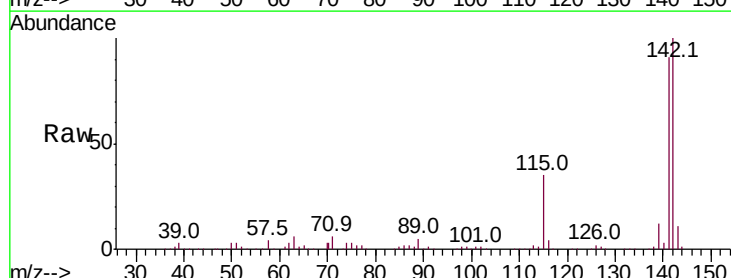
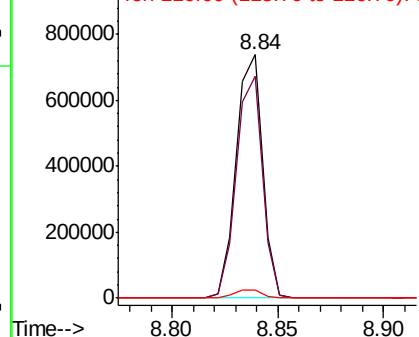
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	632297		
141	91.3	73.7	110.5	
116	3.5	3.1	4.7	

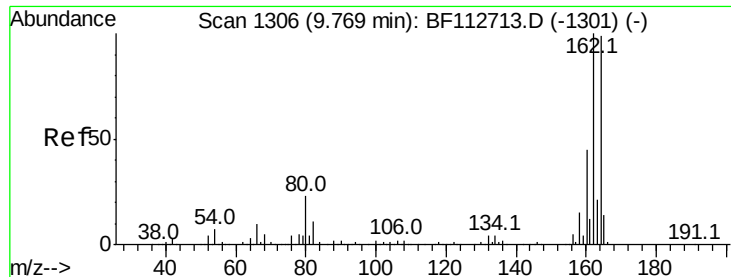
Abundance

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





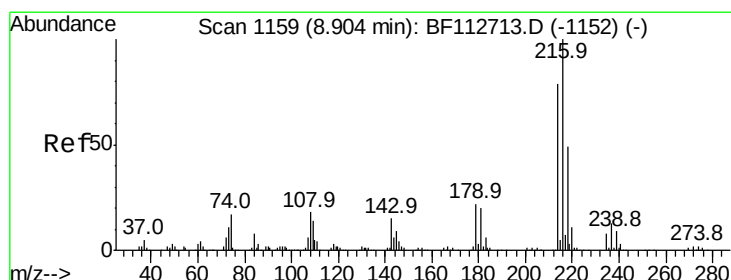
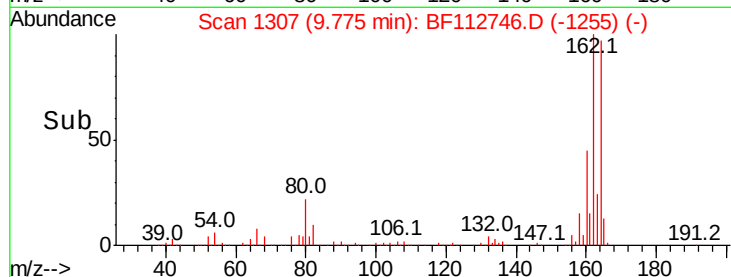
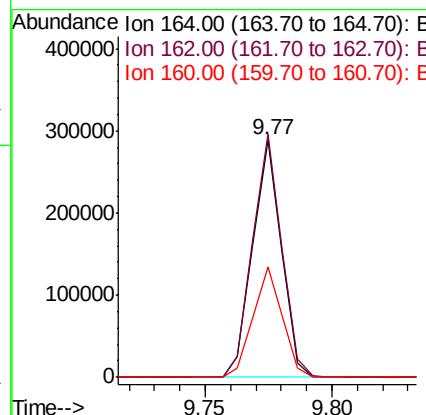
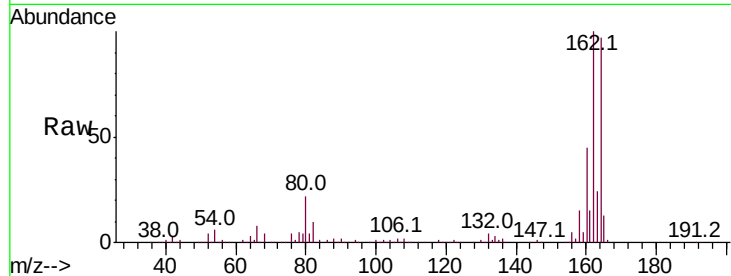
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	46.5	36.0	54.0

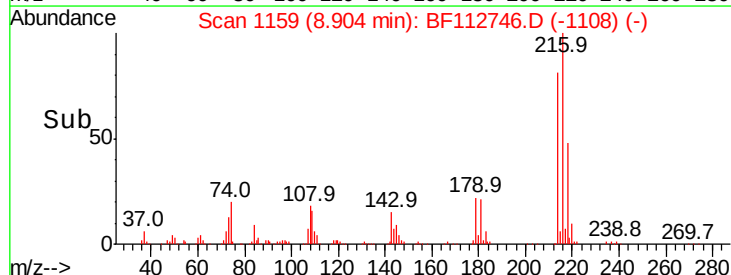
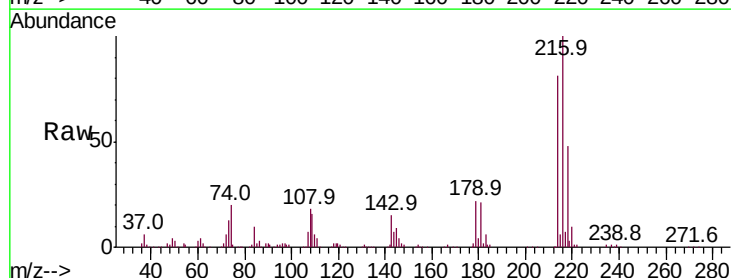
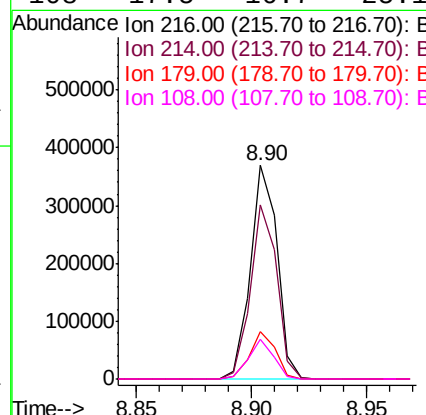
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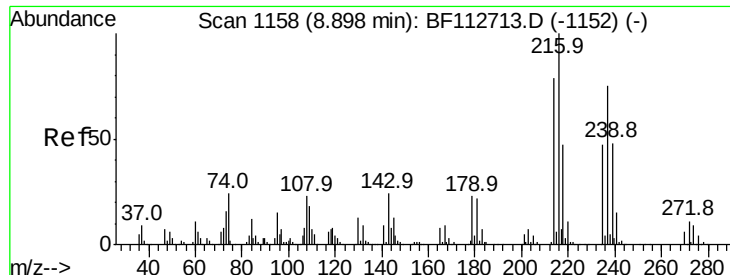
Sohil
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.136 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.2	94.8
179	21.5	17.5	26.3
108	17.5	16.7	25.1





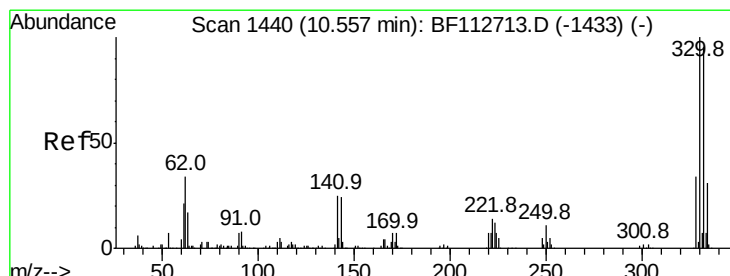
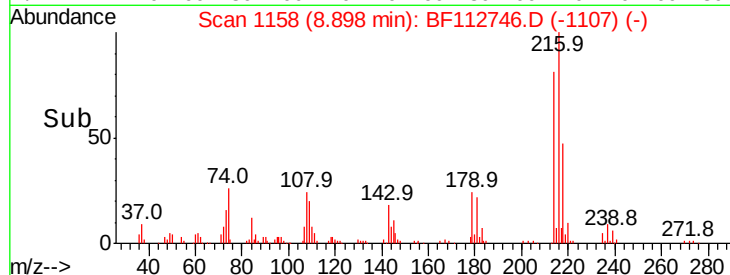
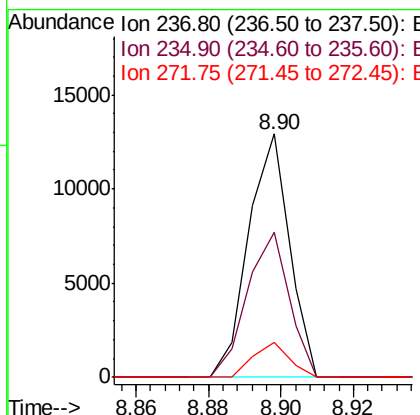
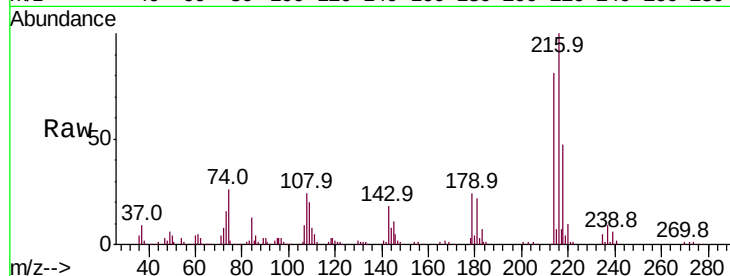
#41
 Hexachlorocyclopentadiene
 Concen: 2.766 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	237	Resp:	10080
Ion Ratio		Lower	Upper
237	100		
235	59.5	42.2	82.2
272	14.2	0.0	34.0

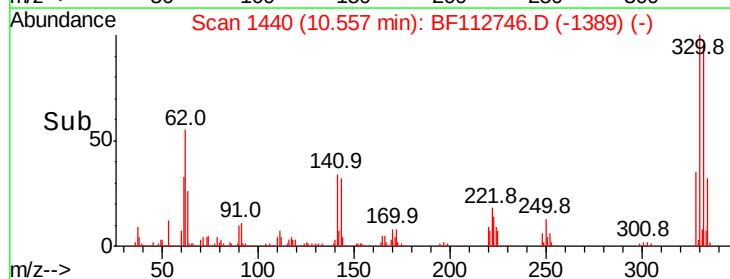
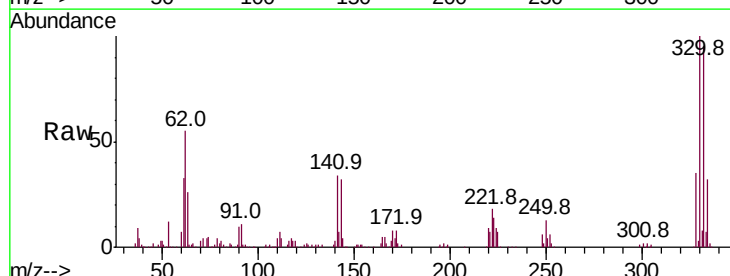
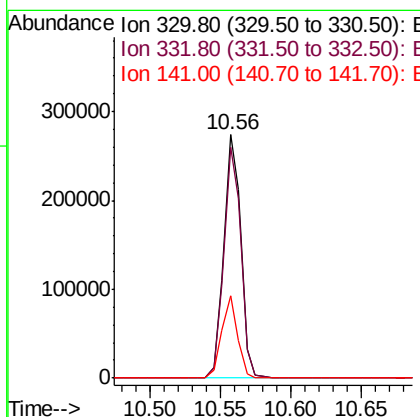
Manual Integrations
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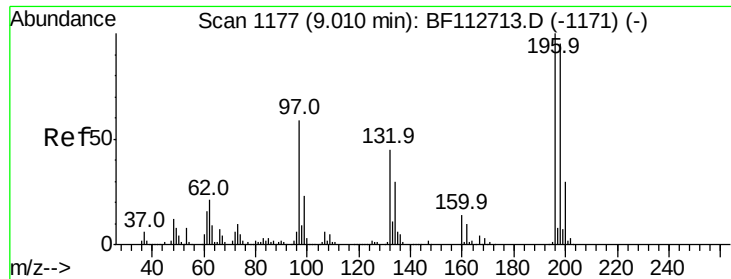
Sohil
 2/28/2019 12:47:40 PM



#42
 2,4,6-Tribromophenol
 Concen: 94.737 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion:	330	Resp:	229496
Ion Ratio		Lower	Upper
330	100		
332	95.3	76.2	114.4
141	31.4	27.0	40.6





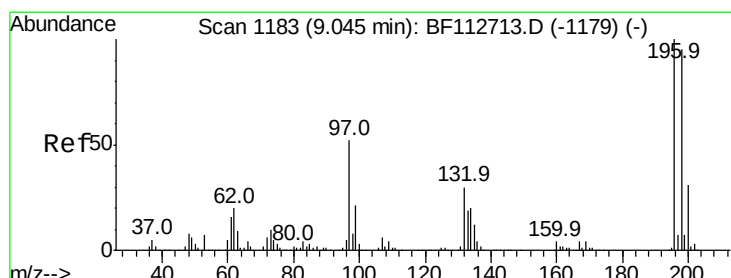
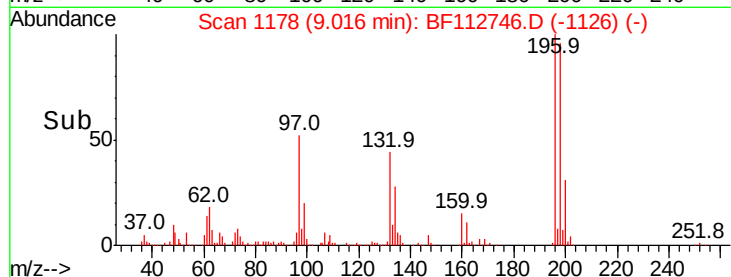
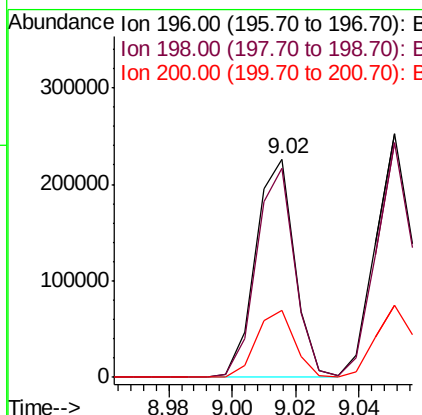
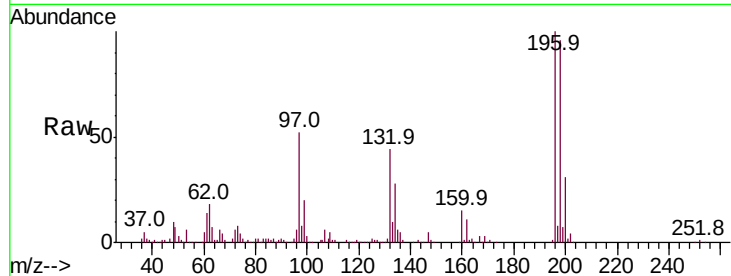
#43
 2,4,6-Trichlorophenol
 Concen: 42.222 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	193355		
198	95.6	75.8	113.8	
200	30.7	24.3	36.5	

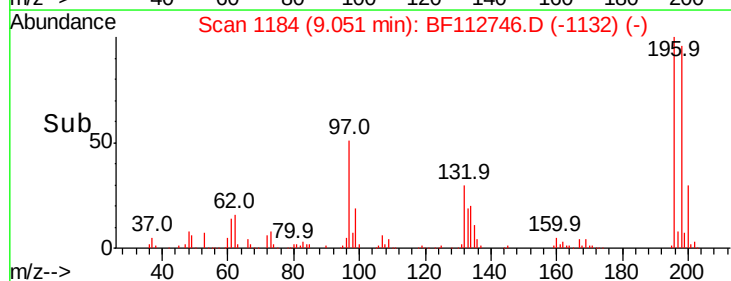
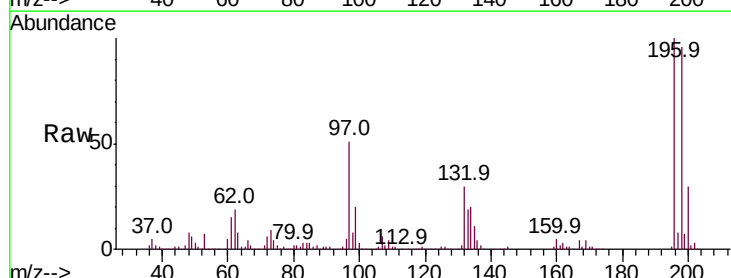
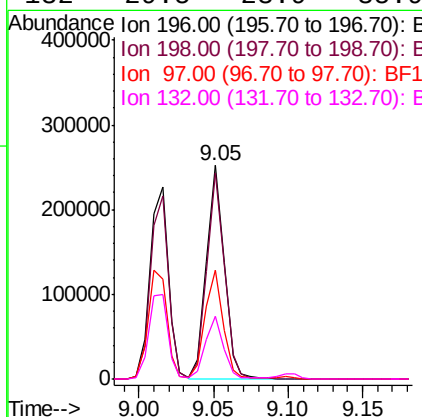
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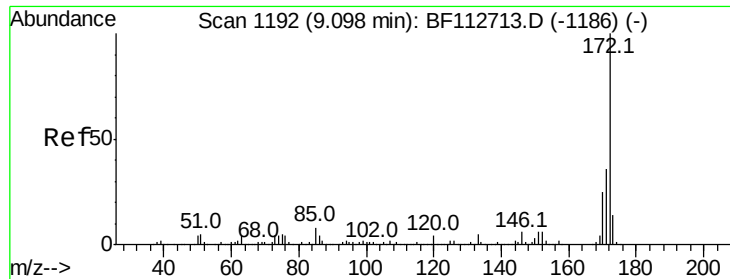
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 42.236 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	209064		
198	96.3	76.2	114.2	
97	51.1	41.5	62.3	
132	29.5	23.9	35.9	





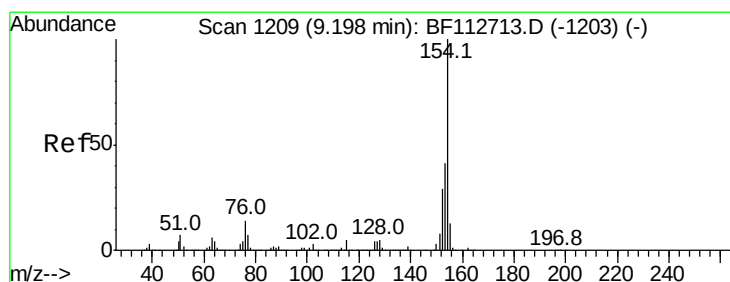
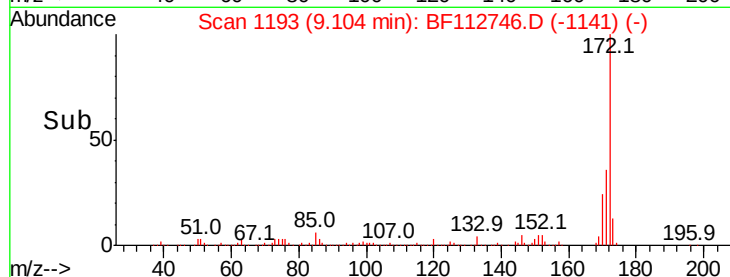
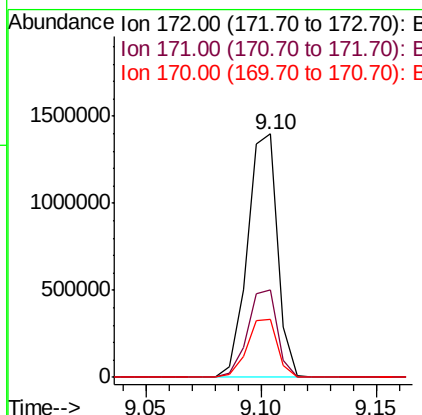
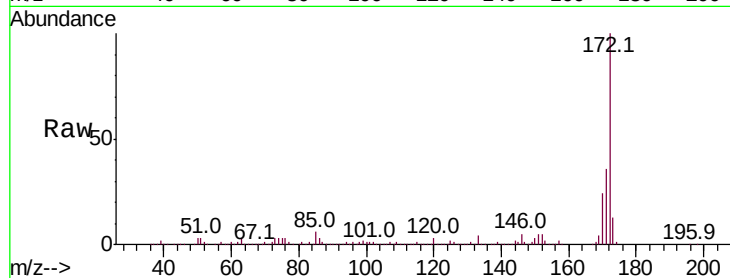
#45
2-Fluorobiphenyl
Concen: 97.784 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.0	20.0	30.0

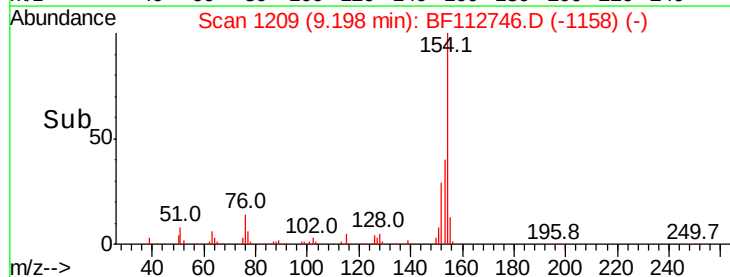
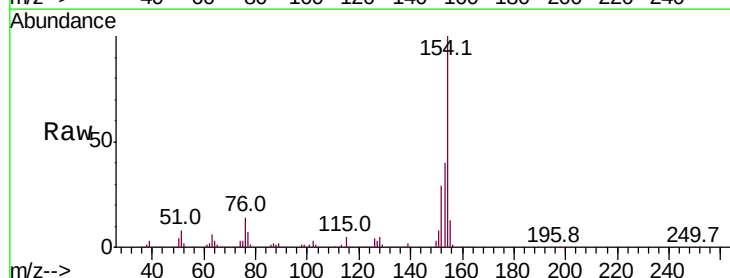
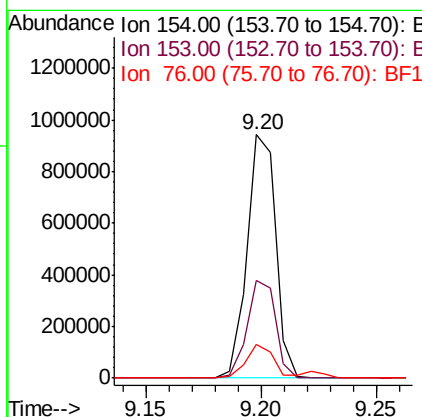
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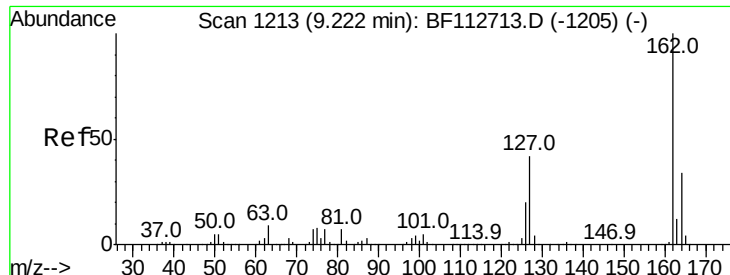
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#46
1,1'-Biphenyl
Concen: 43.999 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	13.9	0.0	33.8





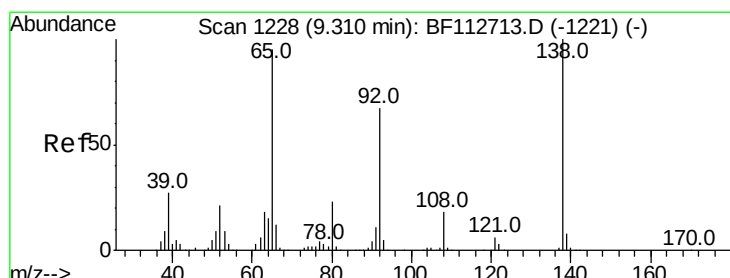
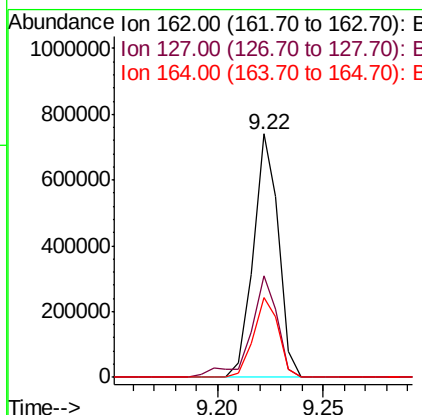
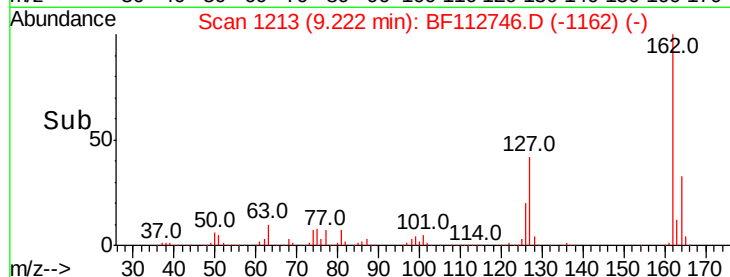
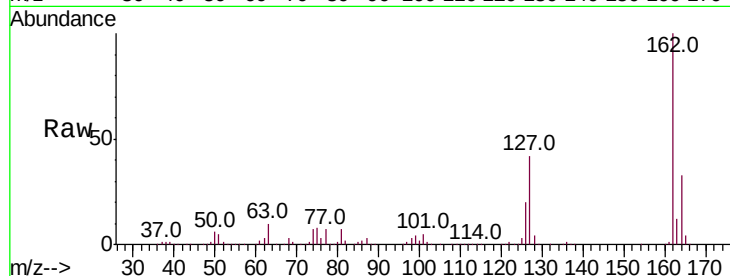
#47
 2-Chloronaphthalene
 Concen: 42.104 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	162	Resp:	611888
Ion Ratio	Lower	Upper	
162	100		
127	41.9	33.4	50.2
164	33.0	26.9	40.3

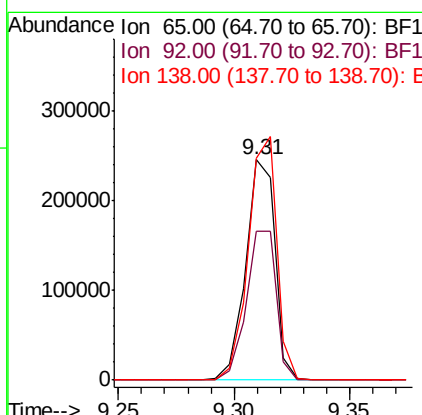
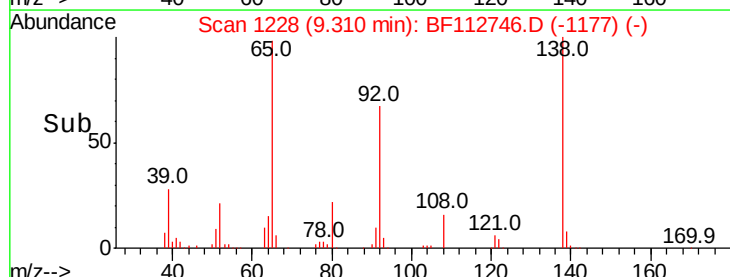
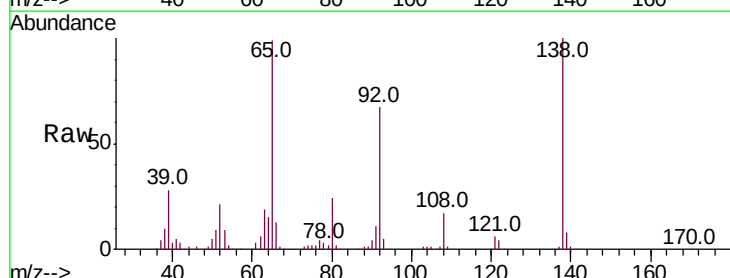
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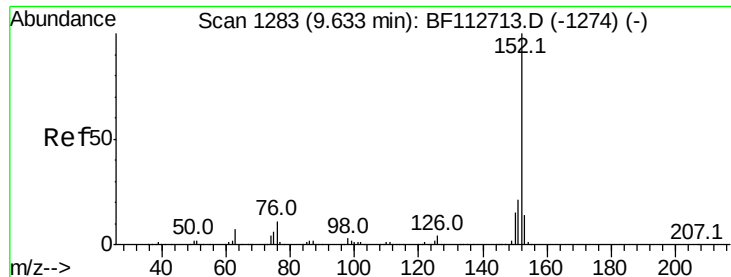
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#48
 2-Nitroaniline
 Concen: 49.364 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion:	65	Resp:	218059
Ion Ratio	Lower	Upper	
65	100		
92	67.9	56.4	84.6
138	101.0	84.6	126.8





#49

Acenaphthylene

Concen: 41.338 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1019868

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

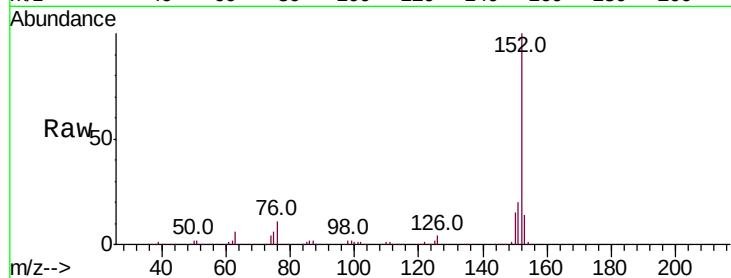
153 13.9 11.0 16.6

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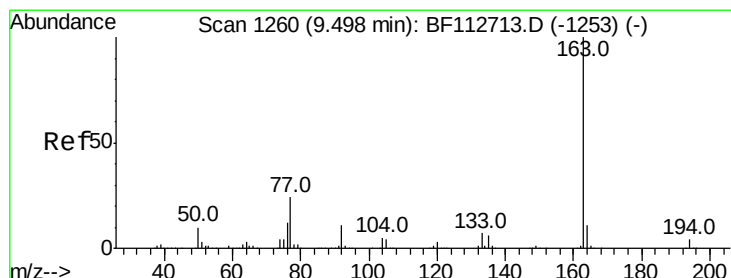
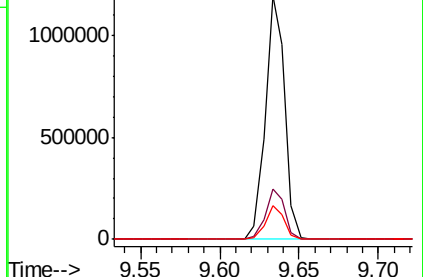
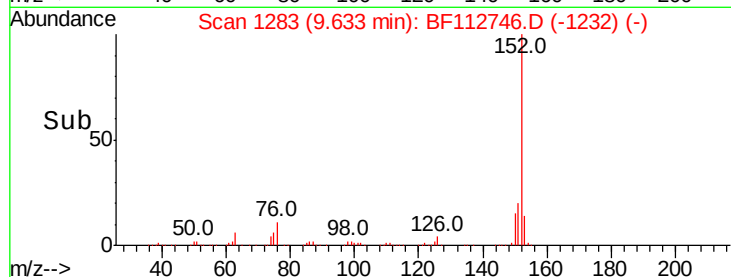
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.160 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

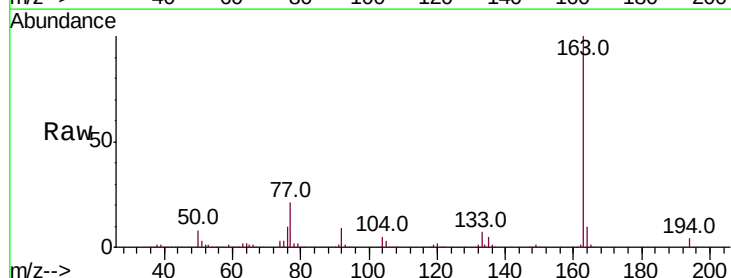
Tgt Ion:163 Resp: 692515

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

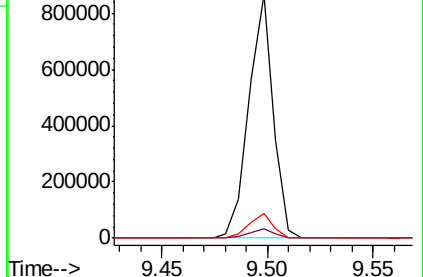
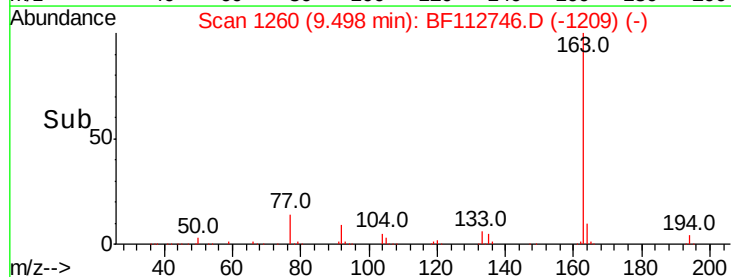
164 10.0 8.4 12.6

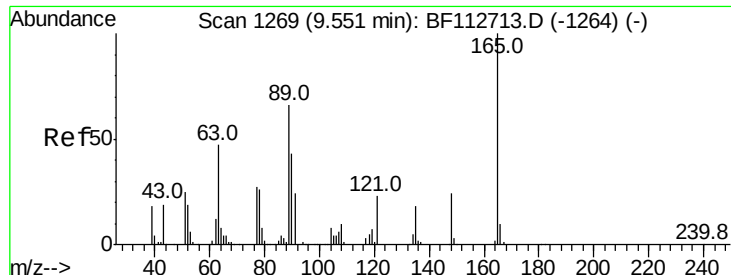


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 33.411 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:165 Resp: 117062
Ion Ratio Lower Upper

165 100

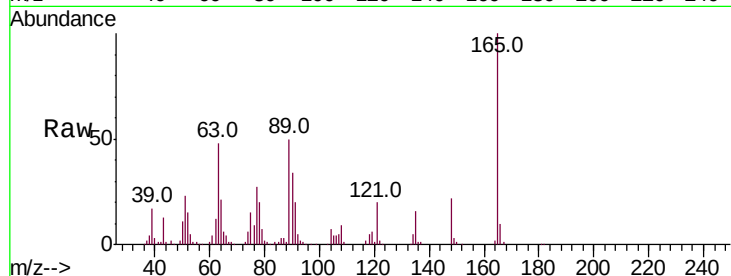
63 47.9 54.1 81.1#

89 50.1 52.8 79.2#

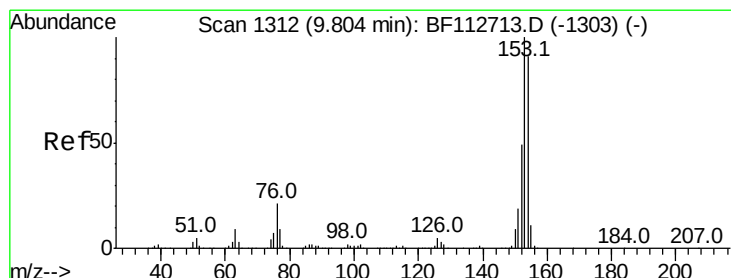
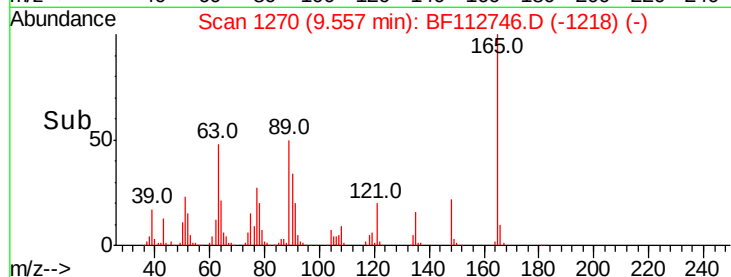
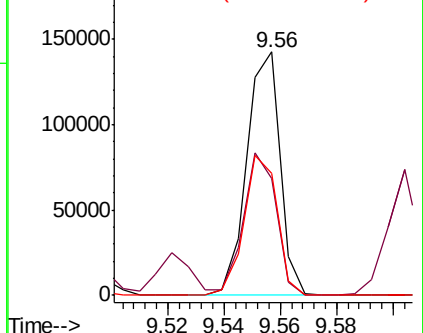
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.537 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF112746.D

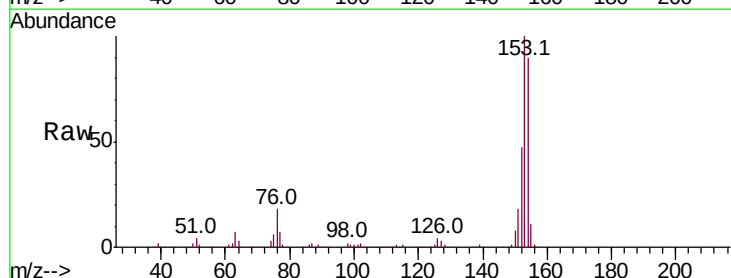
Acq: 28 Feb 2019 4:34

Tgt Ion:154 Resp: 570435
Ion Ratio Lower Upper

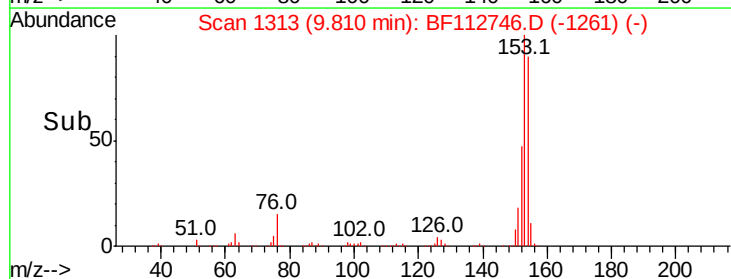
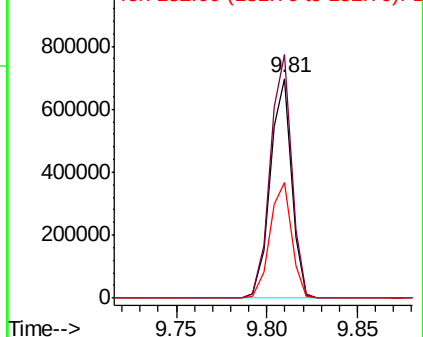
154 100

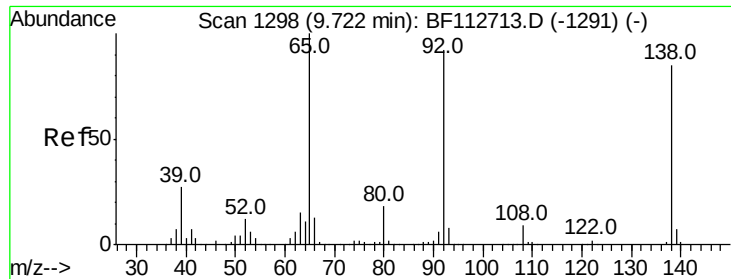
153 111.0 87.8 131.8

152 52.7 43.0 64.6



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





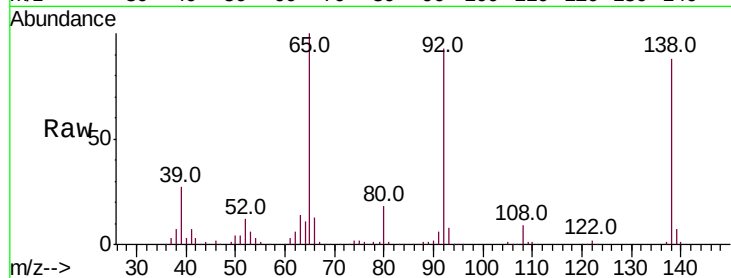
#53
3-Nitroaniline
Concen: 51.051 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

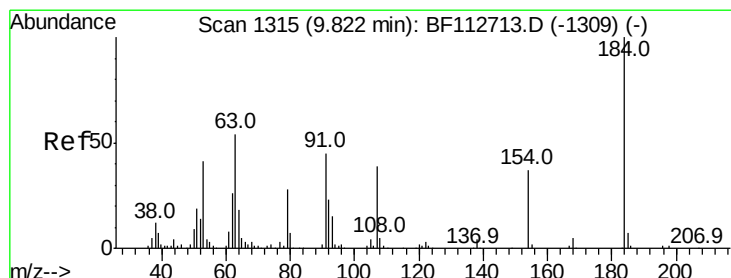
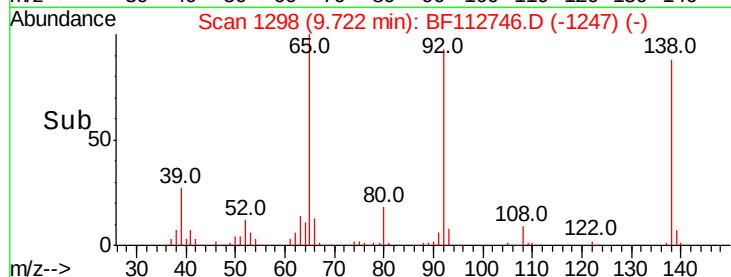
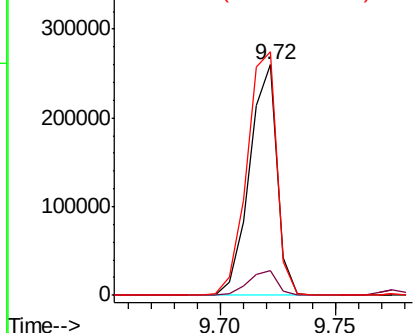
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.6	13.0
92	105.7	86.6	129.8

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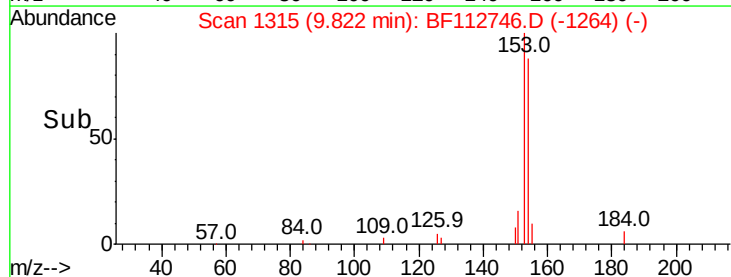
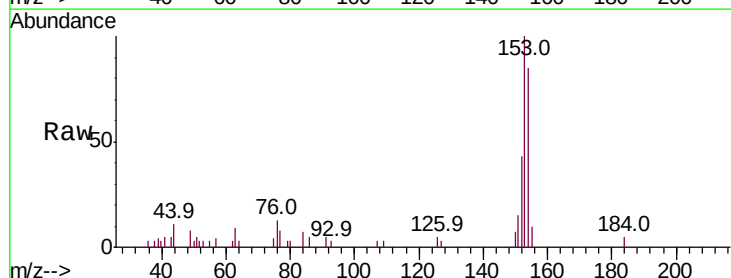
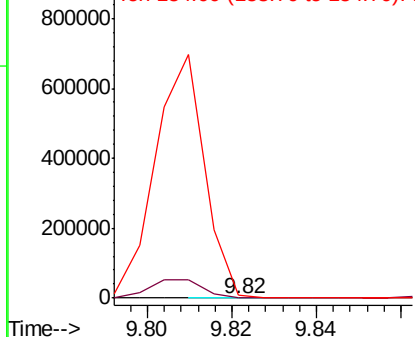
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

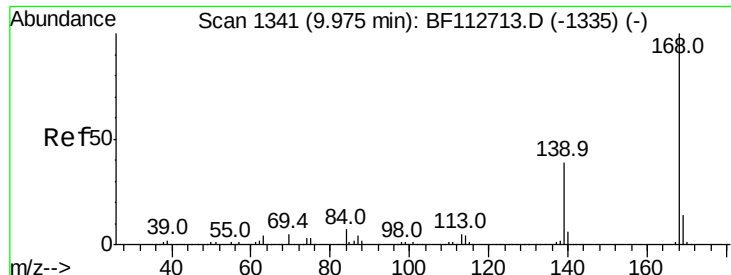


#54
2,4-Dinitrophenol
Concen: 6.818 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	169.1	45.3	67.9#
154	1553.4	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: 41.412 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

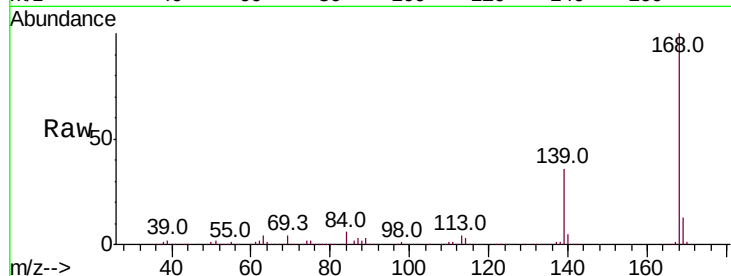
ClientSampled :

SSTDCCC040

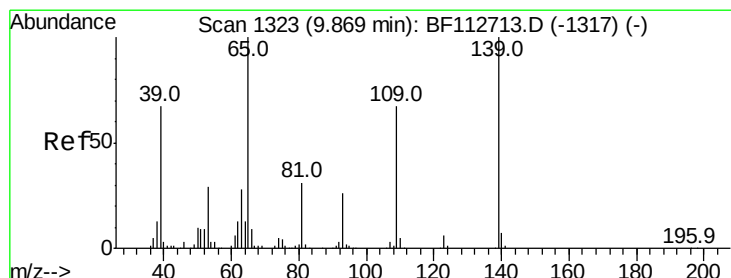
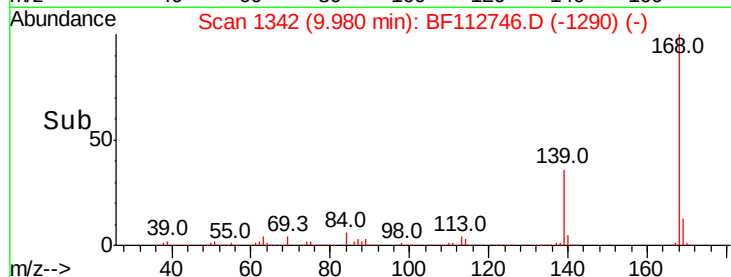
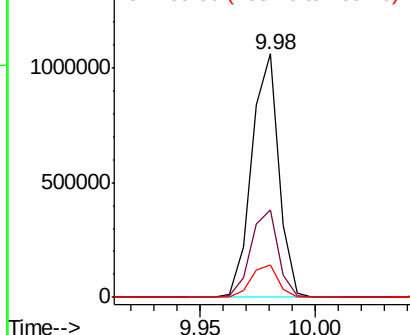
Tot Ion:	168	Resp:	868390
Ion Ratio	Lower	Upper	
168	100		
139	36.1	31.3	46.9
169	13.3	11.3	16.9

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 38.589 ng

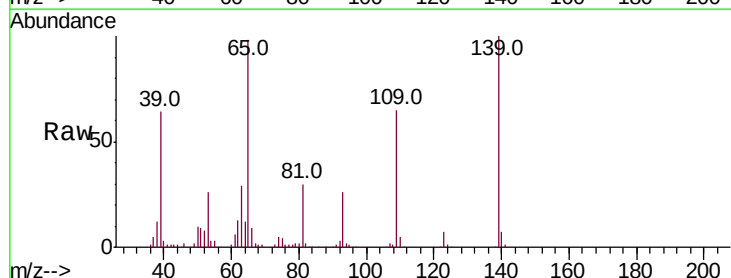
RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

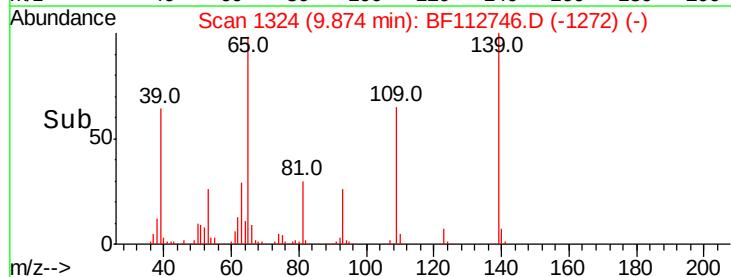
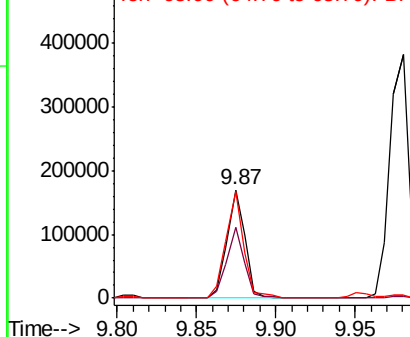
Lab File: BF112746.D

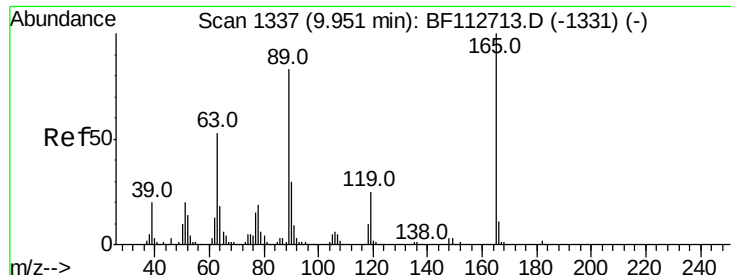
Acq: 28 Feb 2019 4:34

Tgt Ion:	139	Resp:	133893
Ion Ratio	Lower	Upper	
139	100		
109	65.4	46.8	86.8
65	98.2	80.7	120.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





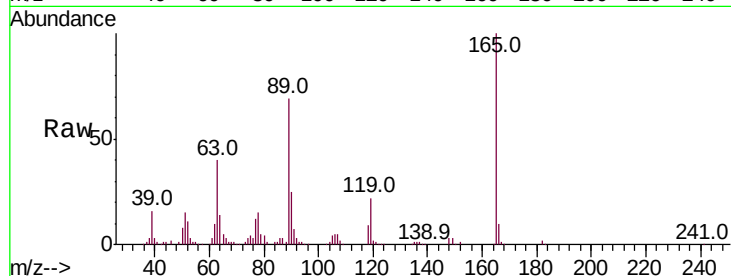
#57
2,4-Dinitrotoluene
Concen: 30.957 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.3	42.2	63.2#	
89	69.5	66.2	99.4	
182	2.3	1.8	2.6	

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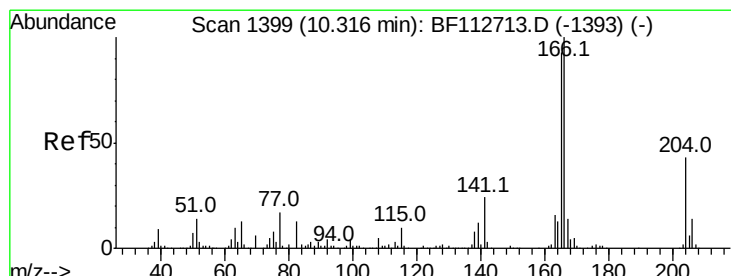
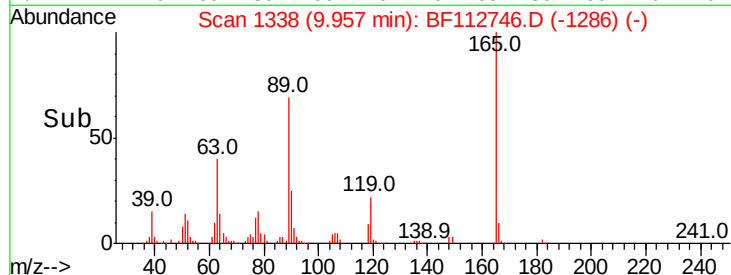
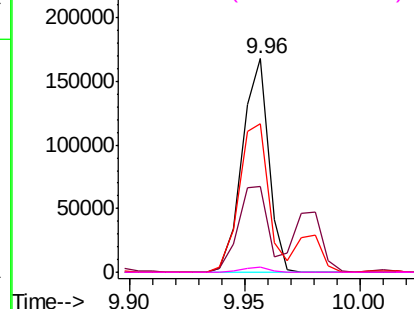
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

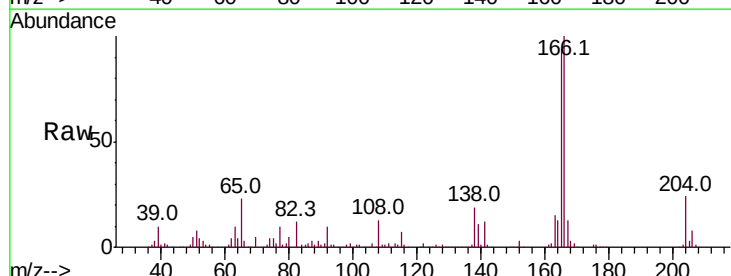
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.916 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.2	74.7	112.1	
167	13.5	11.0	16.6	

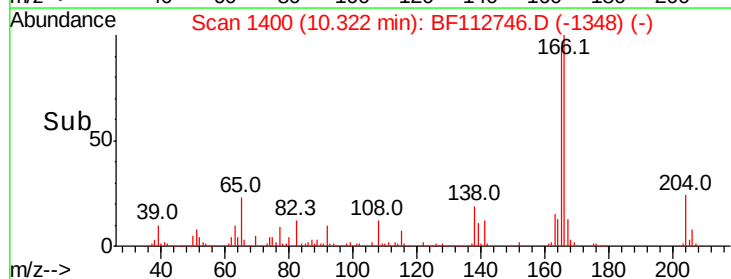
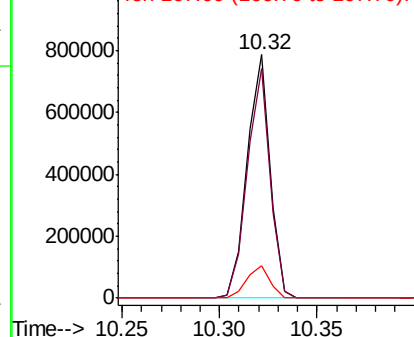


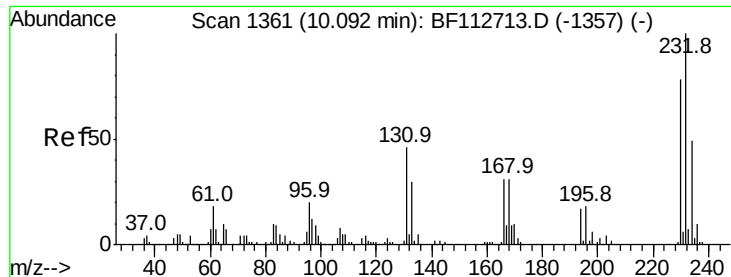
Abundance

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





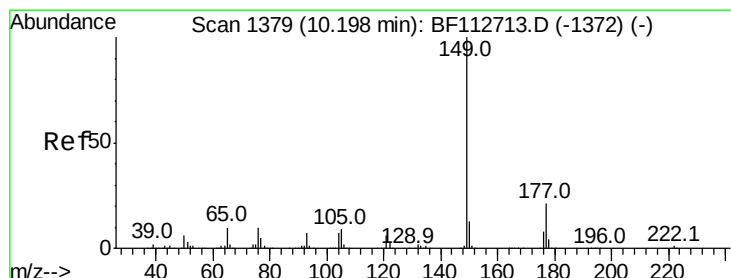
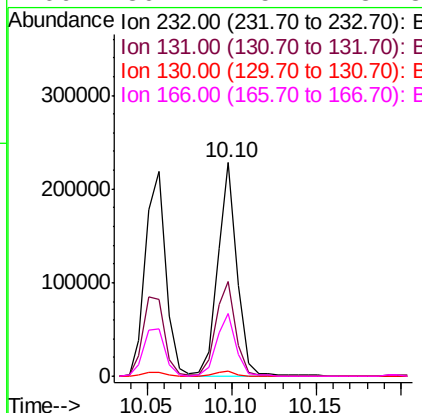
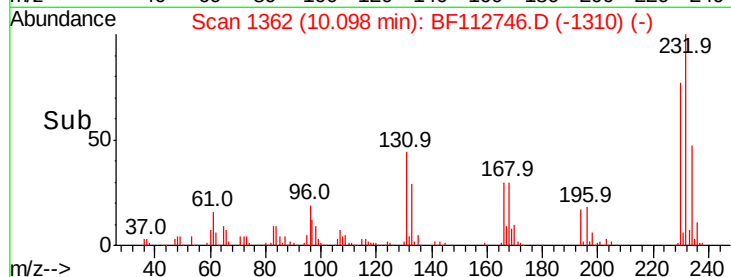
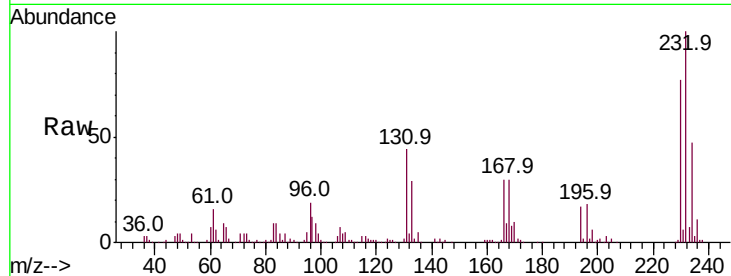
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.866 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	47.2	38.7	58.1
130	2.2	1.9	2.9
166	30.1	25.2	37.8

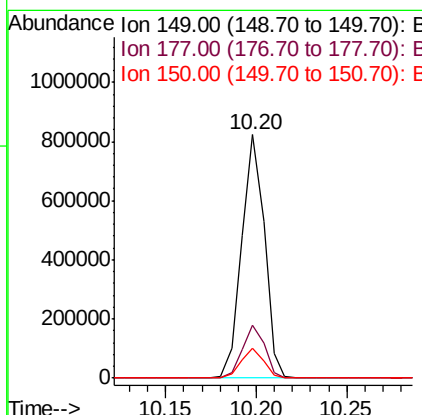
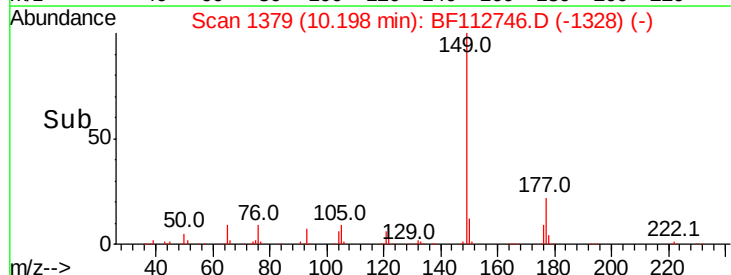
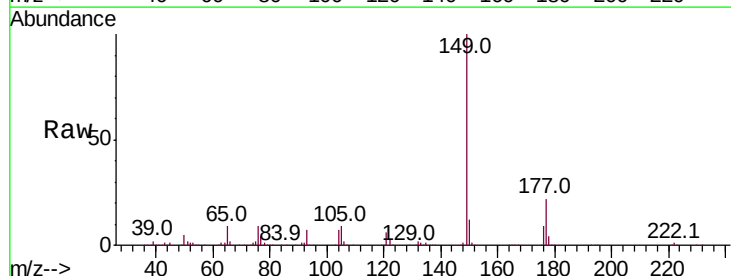
Manual Integrations
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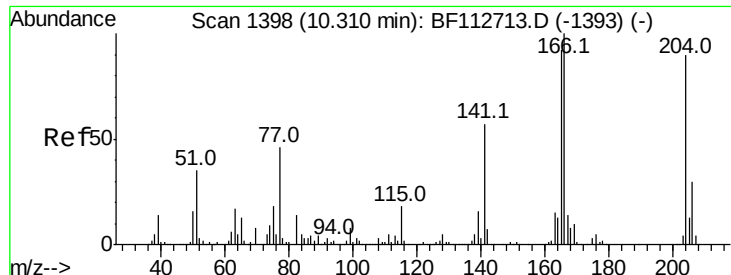
Sohil
2/28/2019 12:47:40 PM



#60
Diethylphthalate
Concen: 40.354 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.0	17.0	25.6
150	12.2	10.0	15.0





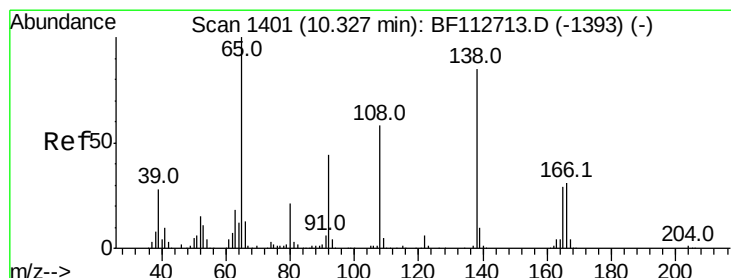
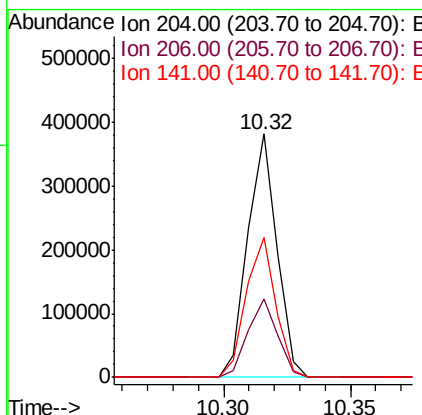
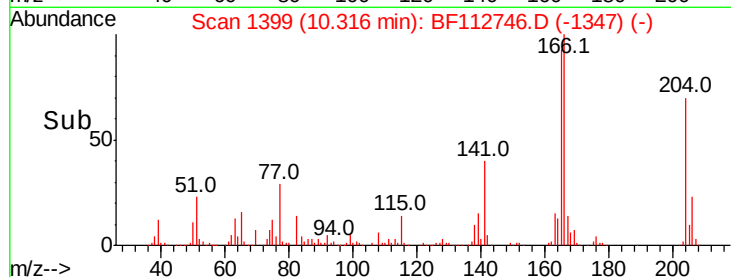
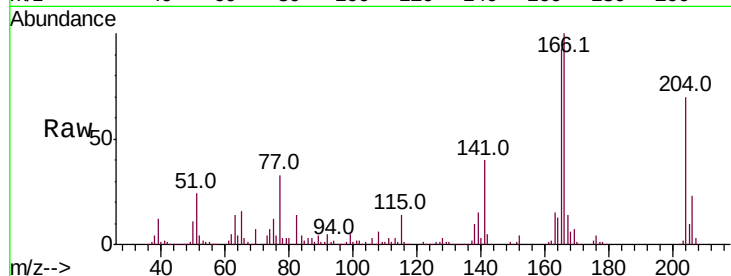
#61
 4-Chlorophenyl-phenylether
 Concen: 44.229 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion:	204	Resp:	306267
Ion Ratio		Lower	Upper
204	100		
206	32.4	26.6	40.0
141	57.7	50.8	76.2

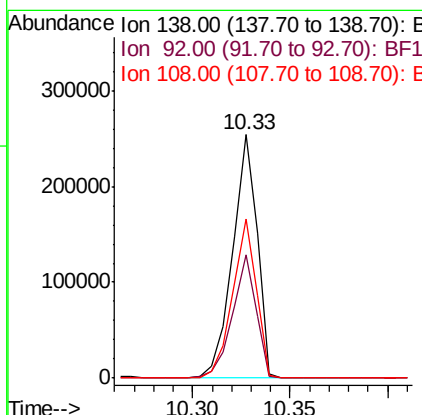
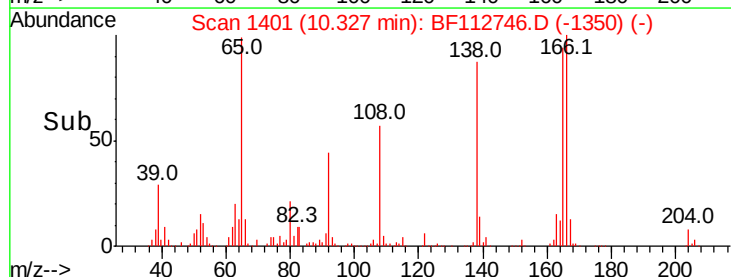
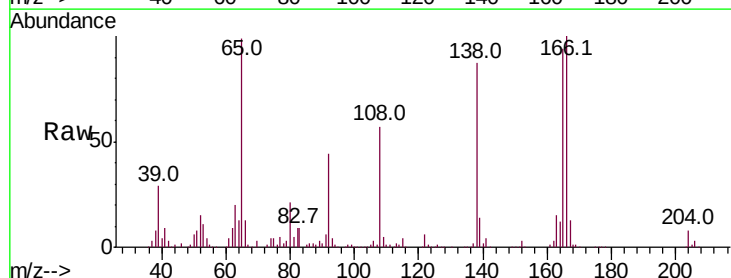
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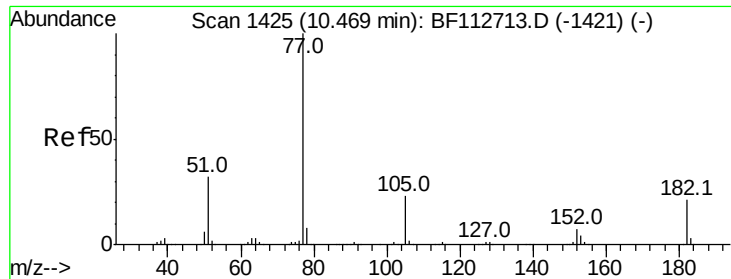
Sohil
 2/28/2019 12:47:40 PM



#62
 4-Nitroaniline
 Concen: 56.088 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF112746.D
 Acq: 28 Feb 2019 4:34

Tgt Ion:	138	Resp:	221269
Ion Ratio		Lower	Upper
138	100		
92	50.9	31.3	71.3
108	65.6	48.1	88.1





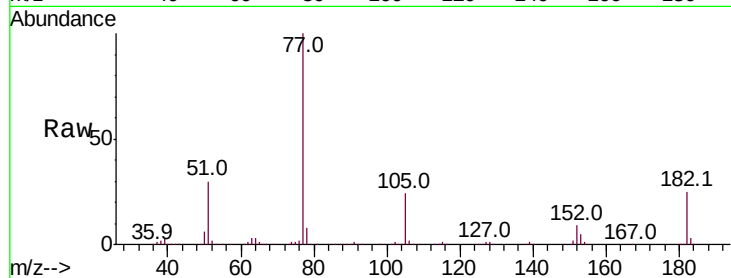
#63
Azobenzene
Concen: 38.318 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

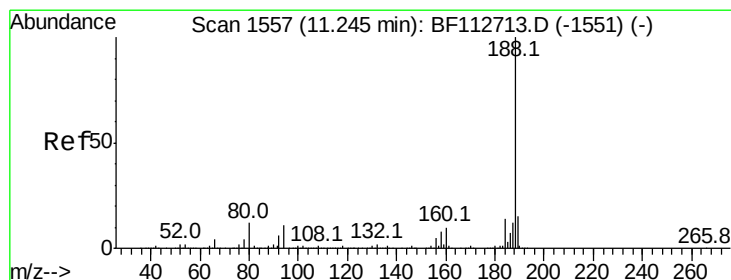
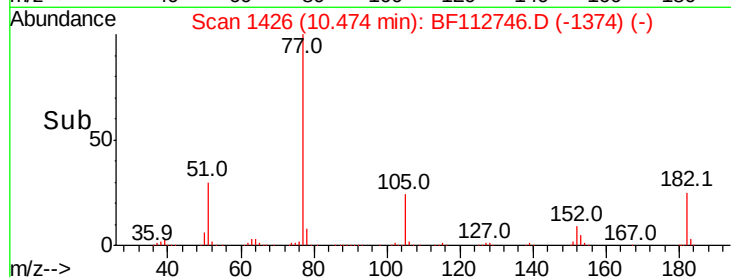
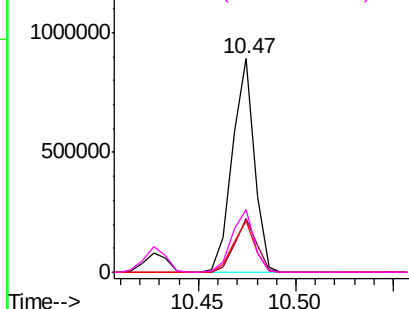
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		697424		
182	25.0	1.4	41.4		
105	24.0	2.6	42.6		
51	29.6	12.0	52.0		

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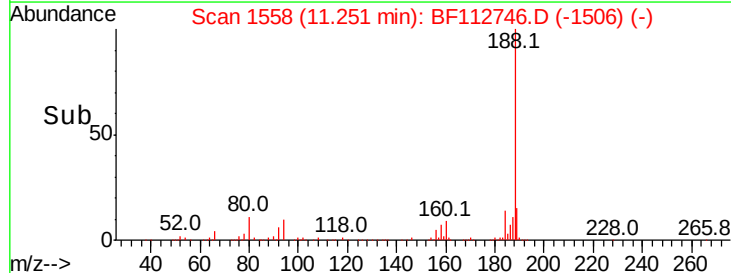
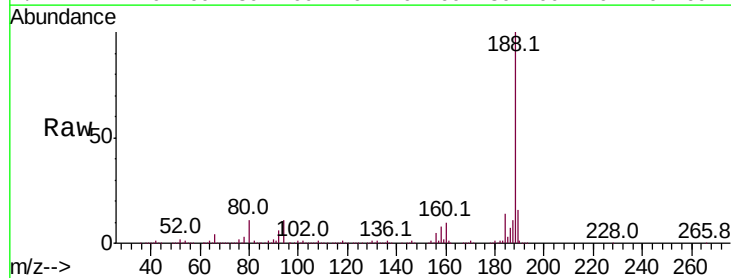
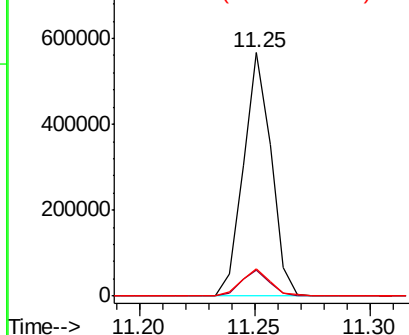
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

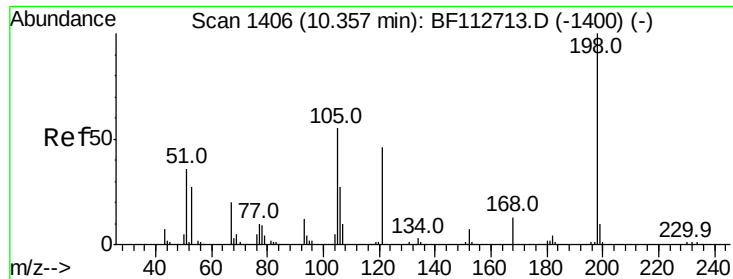


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		476195		
94	10.9	9.0	13.4		
80	11.0	9.2	13.8		

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





#65

4,6-Dinitro-2-methylphenol

Concen: 5.005 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

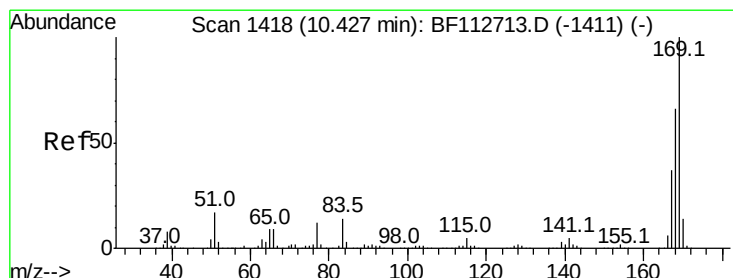
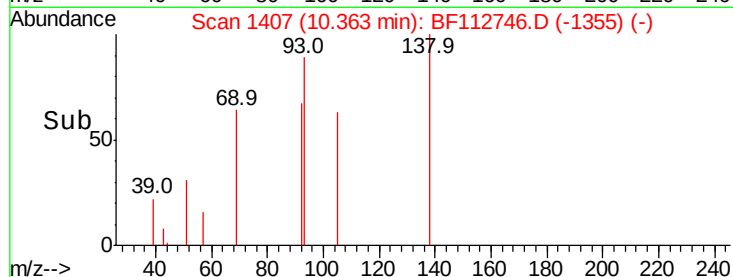
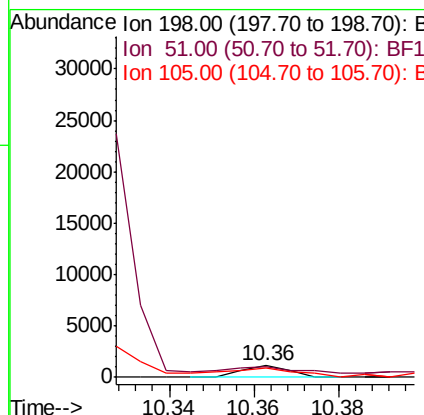
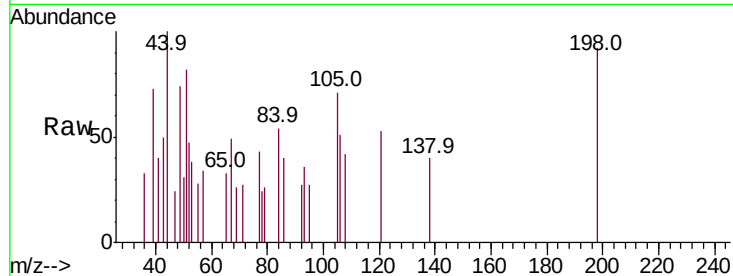
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	849
Ion Ratio	Lower	Upper	
198	100		
51	88.7	43.8	83.8#
105	77.0	36.5	76.5#

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 38.925 ng

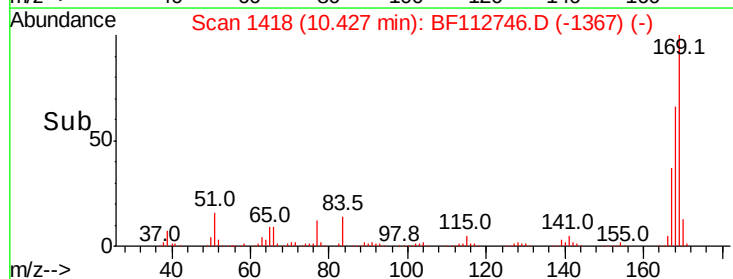
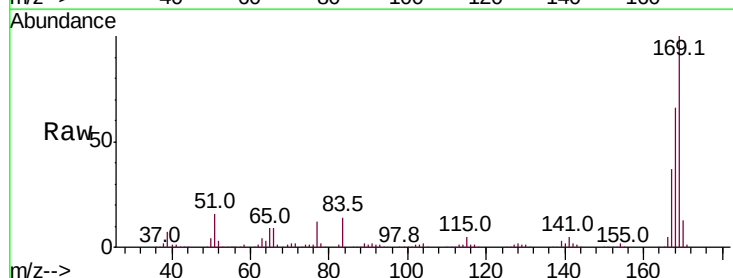
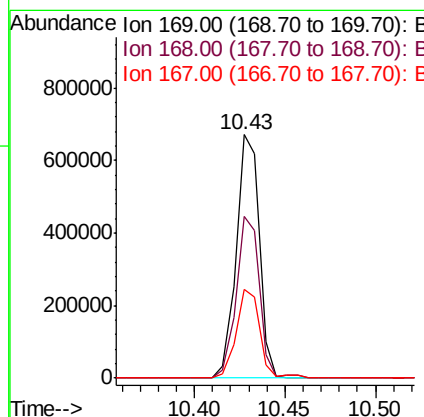
RT: 10.43 min Scan# 1418

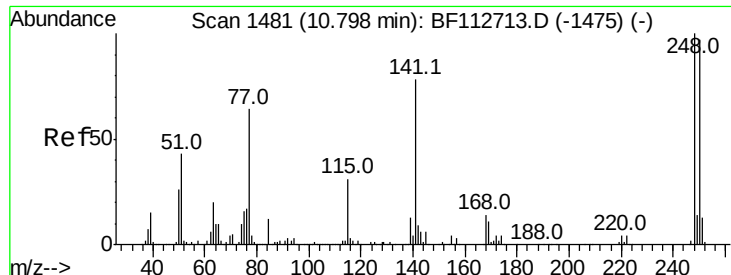
Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Tgt Ion:	169	Resp:	594461
Ion Ratio	Lower	Upper	
169	100		
168	66.2	53.0	79.6
167	36.5	29.3	43.9





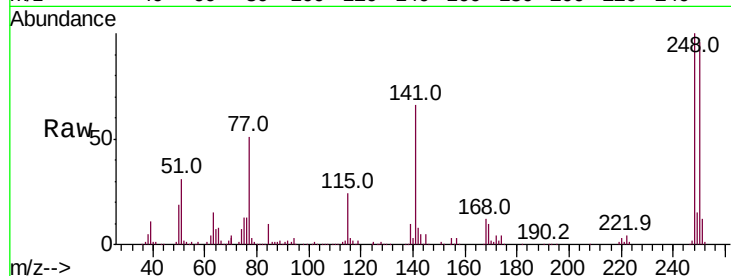
#67
4-Bromophenyl-phenylether
Concen: 40.206 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.5	116.3
141	65.9	62.4	93.6

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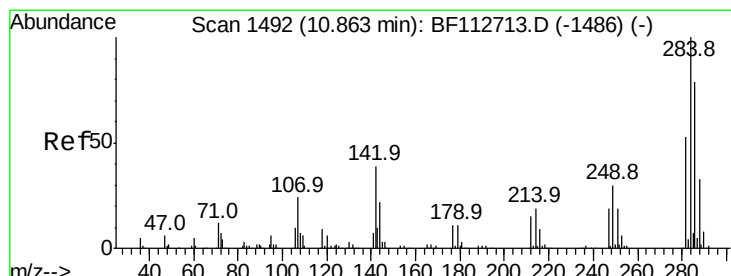
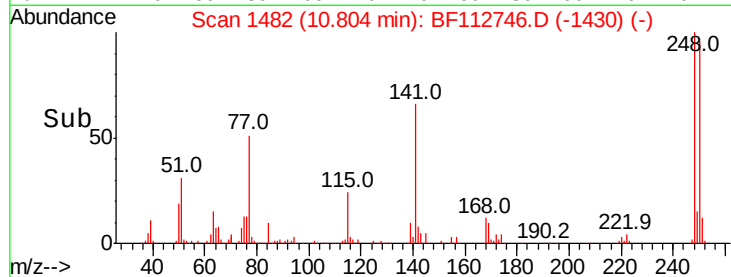
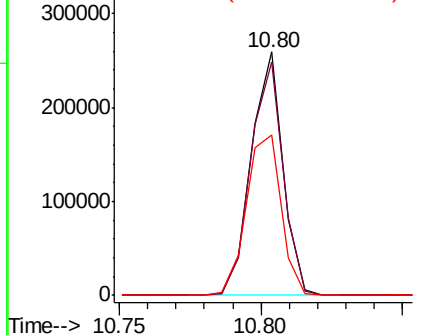


Abundance

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: 42.051 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

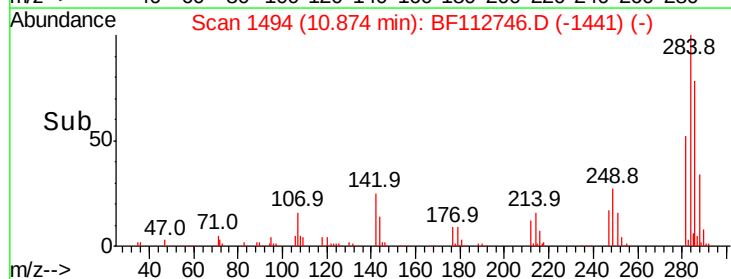
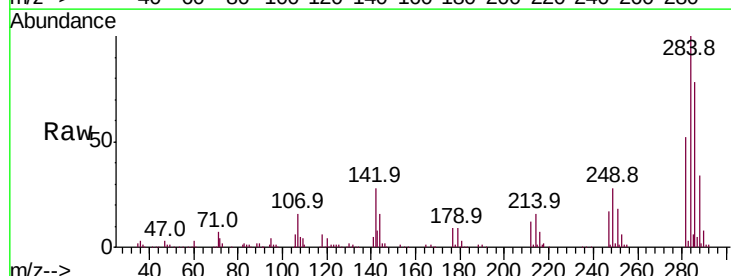
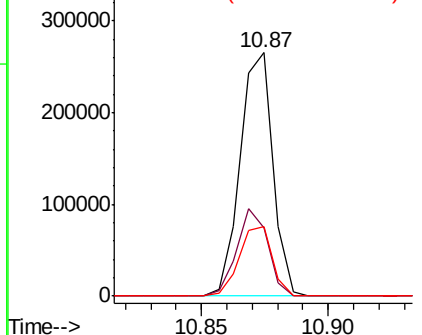
Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	31.0	46.6#
249	28.4	23.6	35.4

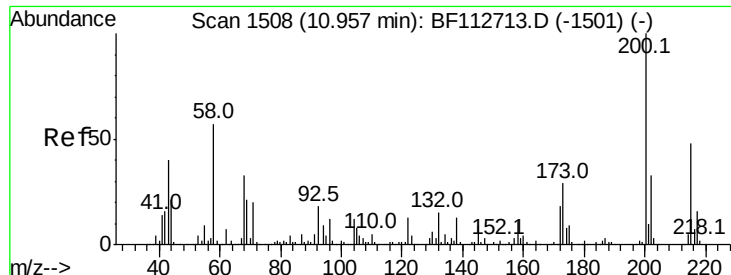
Abundance

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





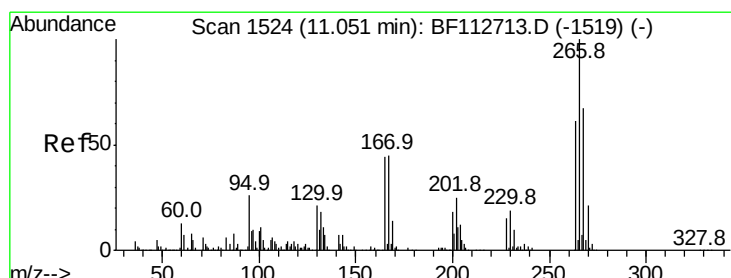
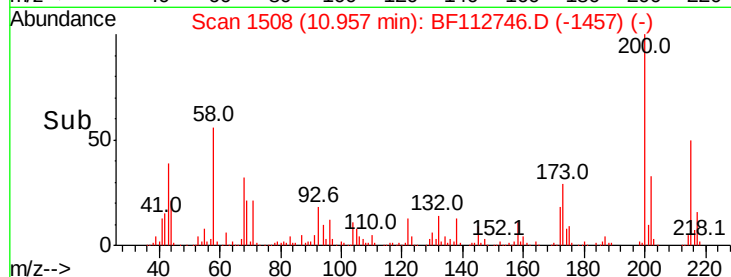
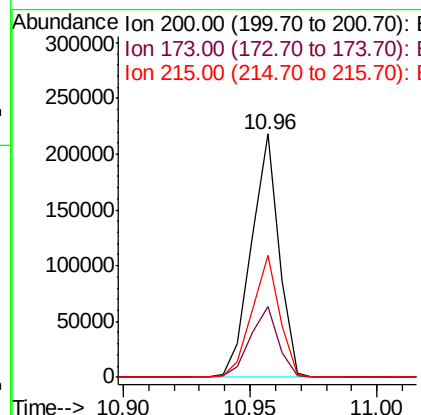
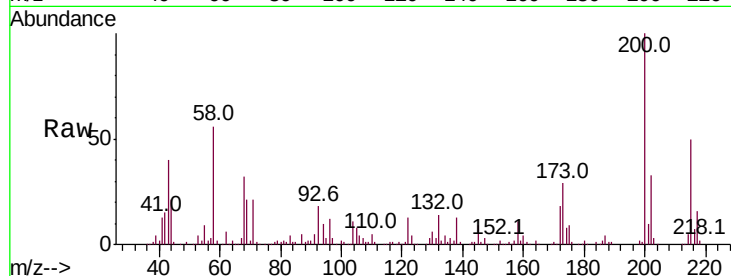
#69
Atrazine
Concen: 35.475 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.1	9.1	49.1
215	50.2	28.2	68.2

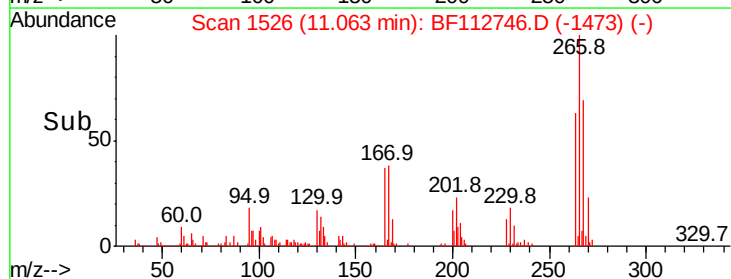
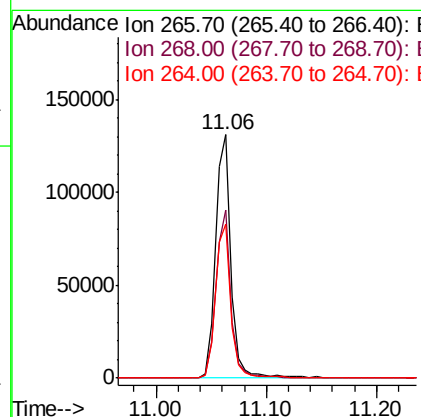
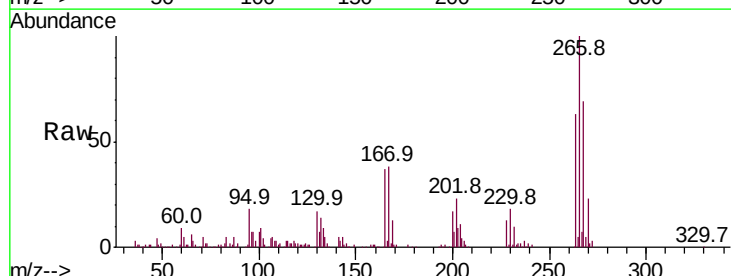
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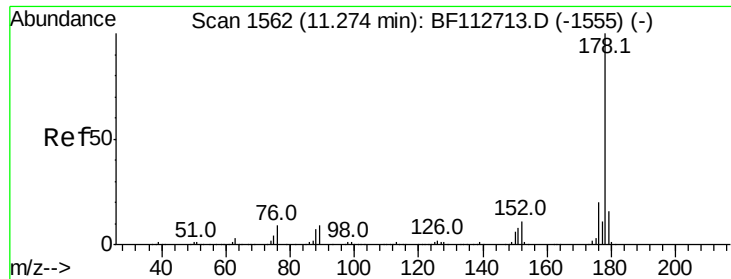
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#70
Pentachlorophenol
Concen: 37.080 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.8	53.3	79.9
264	63.2	48.9	73.3





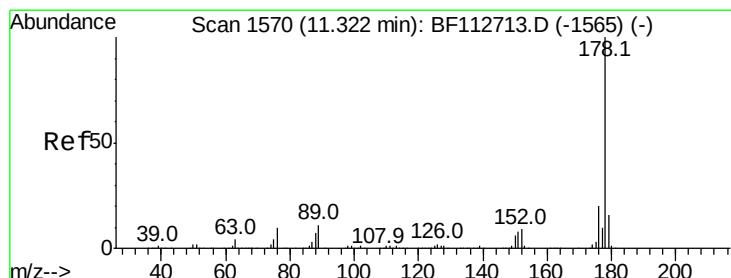
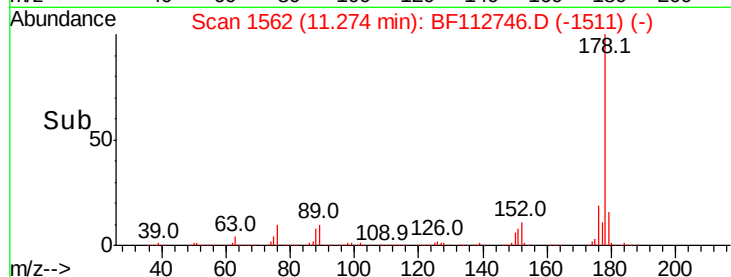
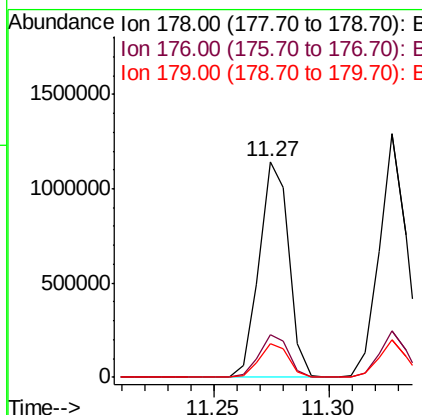
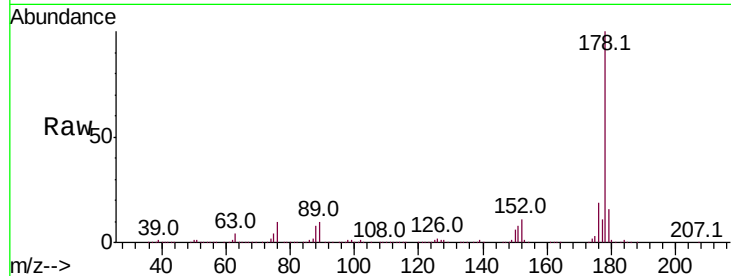
#71
Phenanthrene
Concen: 43.154 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1022418
Ion Ratio Lower Upper
178 100
176 19.5 16.3 24.5
179 15.7 12.7 19.1

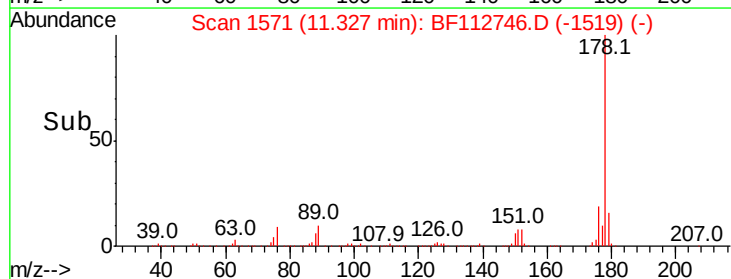
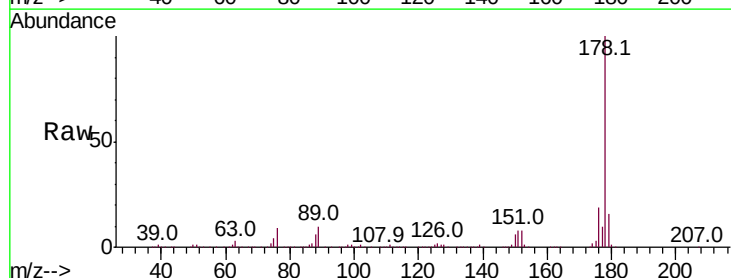
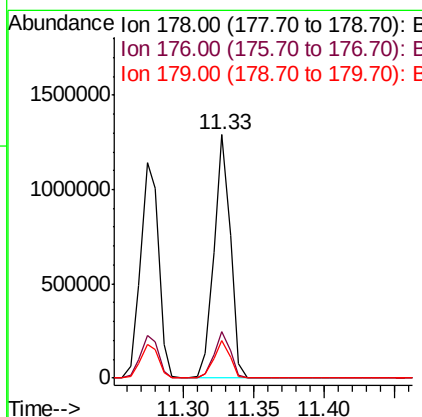
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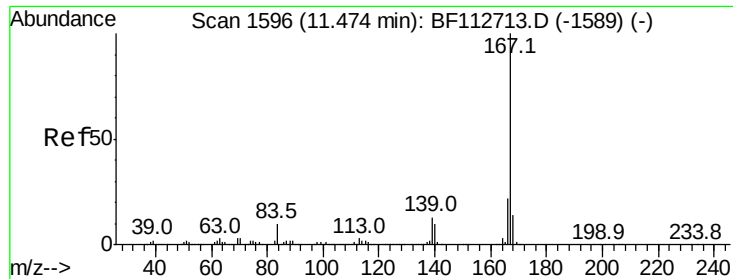
Sohil
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#72
Anthracene
Concen: 41.758 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion:178 Resp: 1035642
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.6 13.0 19.6





#73

Carbazole

Concen: 41.638 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1007385

Ion Ratio Lower Upper

167 100

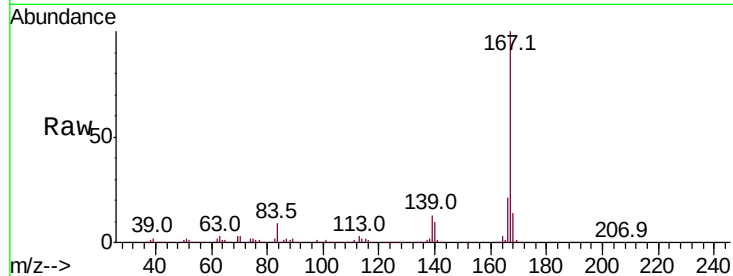
166 21.5 17.5 26.3

139 13.1 10.8 16.2

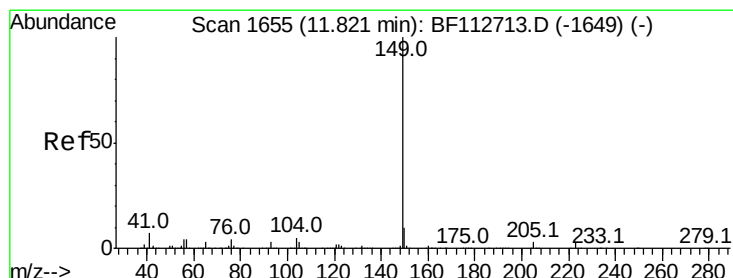
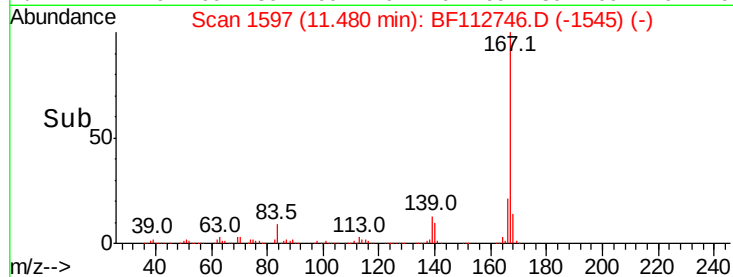
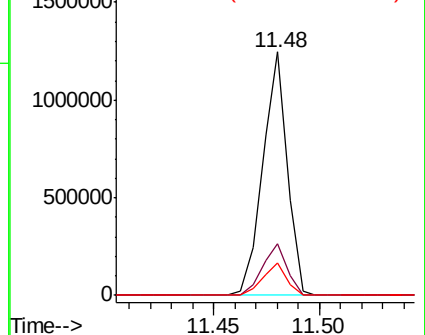
Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.962 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

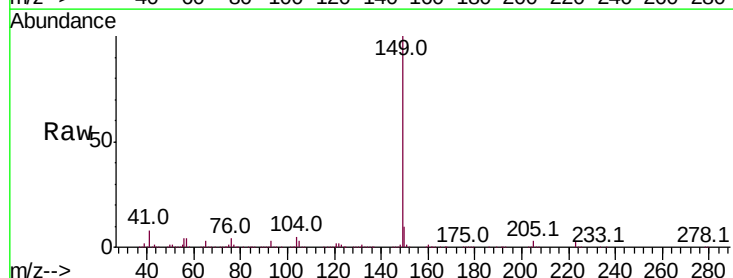
Tgt Ion:149 Resp: 1188285

Ion Ratio Lower Upper

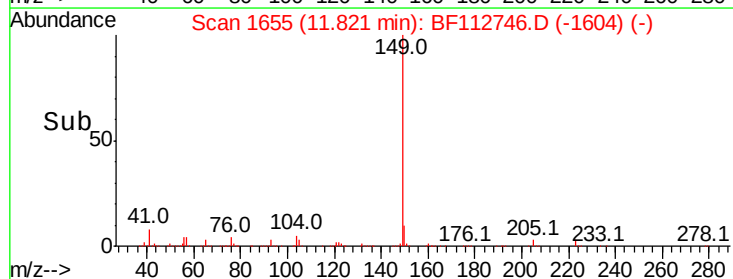
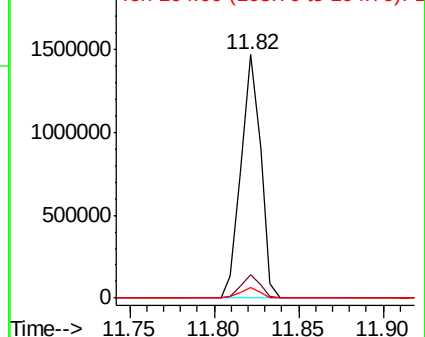
149 100

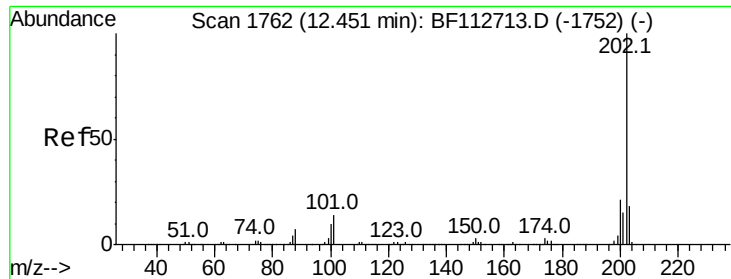
150 9.8 7.6 11.4

104 4.6 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





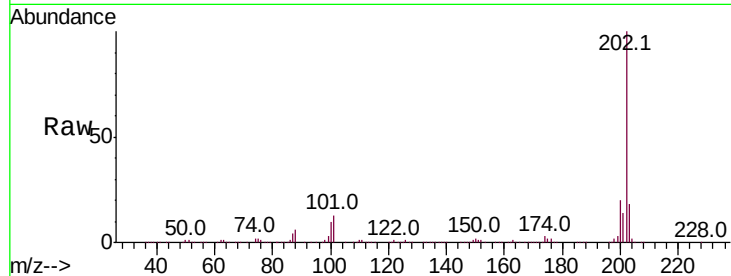
#75
Fluoranthene
Concen: 45.790 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

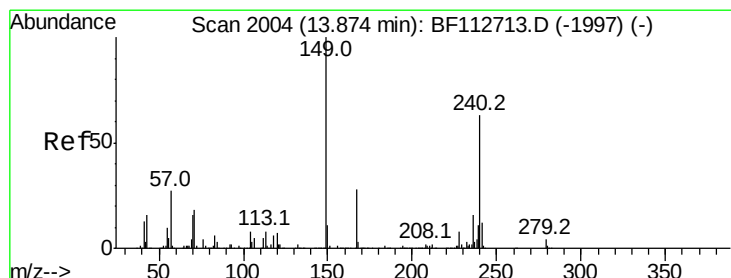
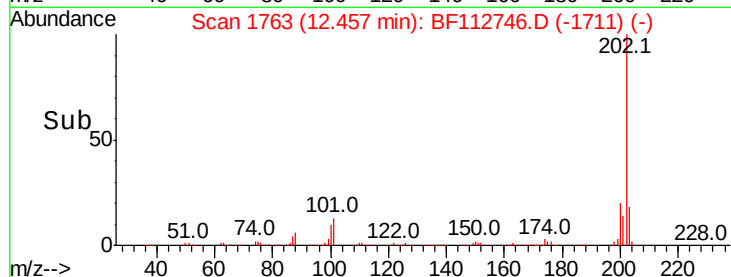
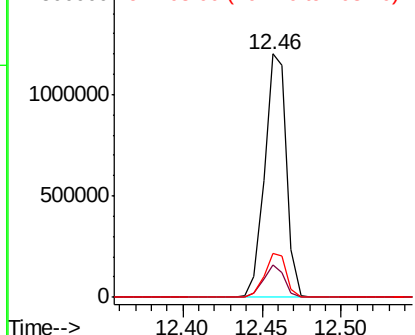
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.8
203	18.2	0.0	38.4

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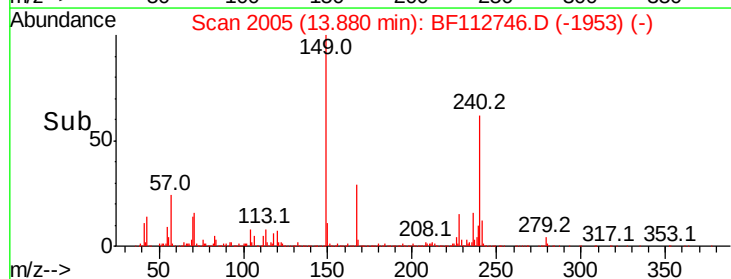
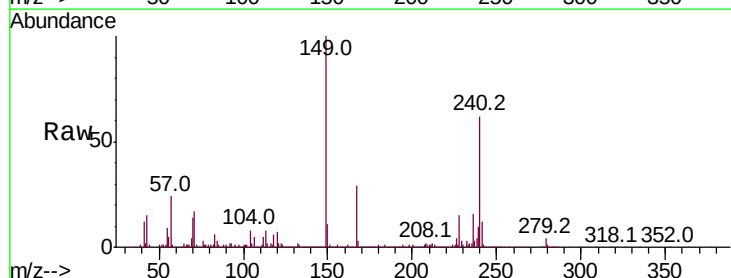
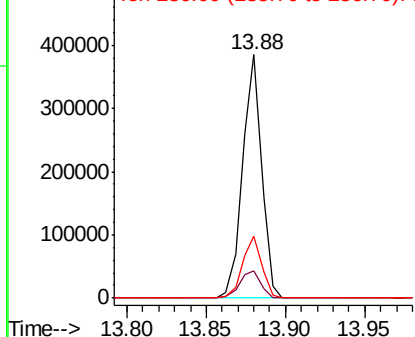
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

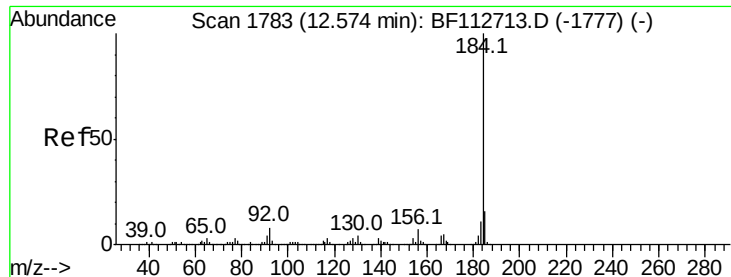


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.6	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: 49.553 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

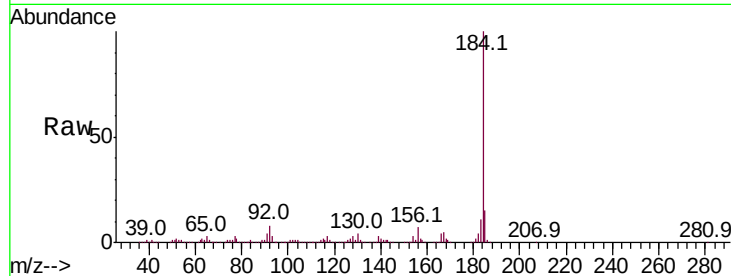
ClientSampleId :

SSTDCCC040

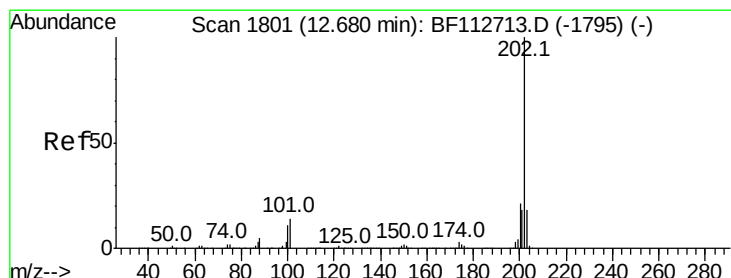
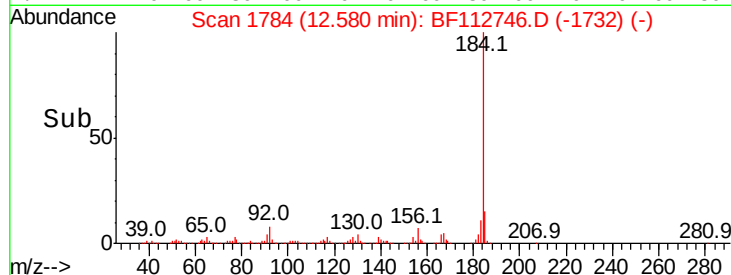
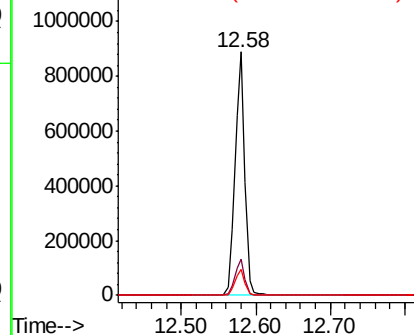
Tot Ion:	184	Resp:	822041
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	10.8	8.6	12.8

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



#78

Pyrene

Concen: 44.208 ng

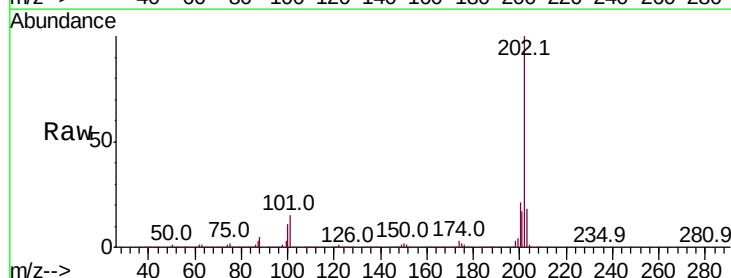
RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

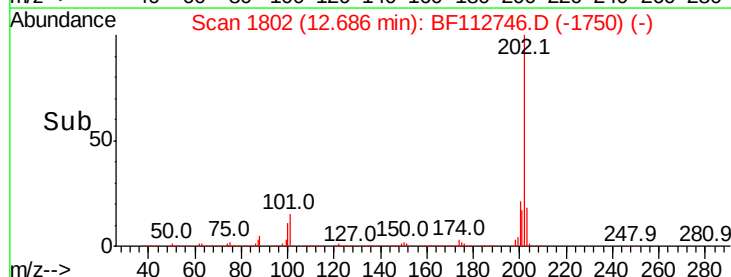
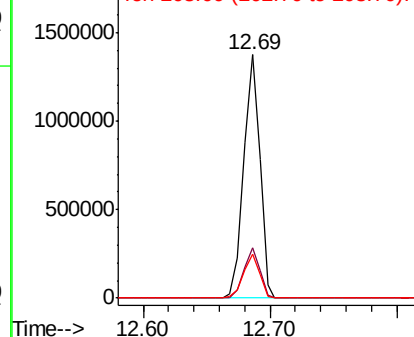
Lab File: BF112746.D

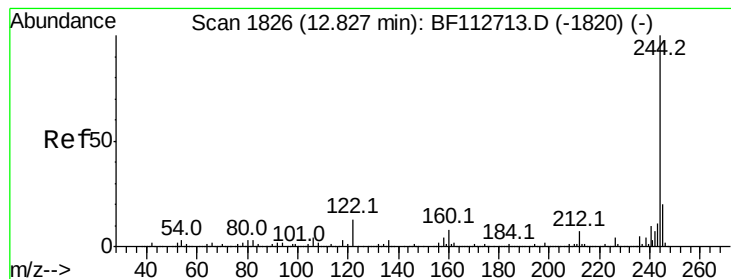
Acq: 28 Feb 2019 4:34

Tgt Ion:	202	Resp:	1191645
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.0	25.4
203	18.1	14.4	21.6



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





#79

Terphenyl-d14

Concen: 92.058 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1518457

Ion Ratio Lower Upper

244 100

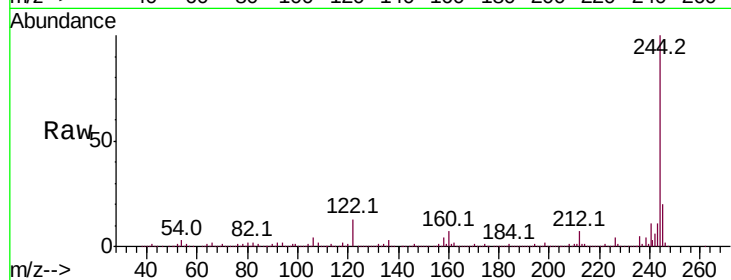
212 7.0 5.6 8.4

122 12.7 10.5 15.7

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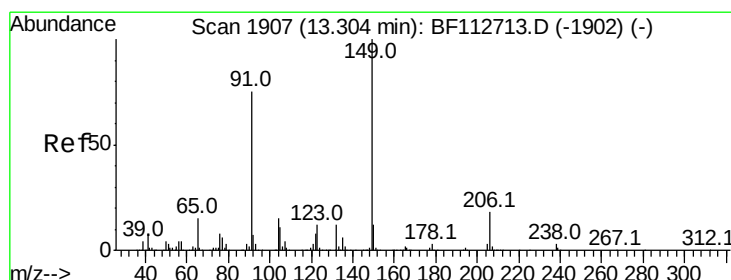
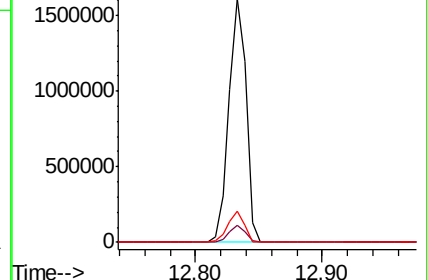
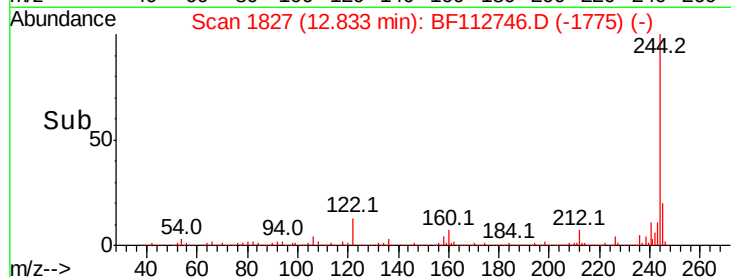
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.881 ng

RT: 13.31 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

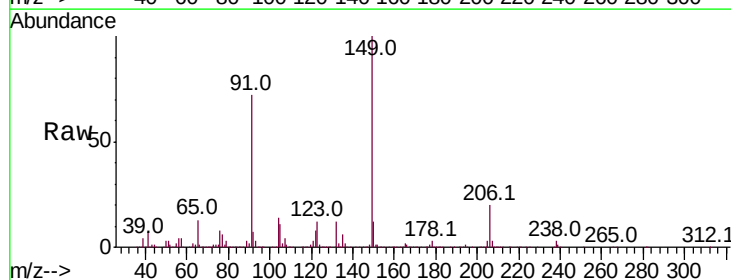
Tgt Ion:149 Resp: 545907

Ion Ratio Lower Upper

149 100

91 72.0 59.9 89.9

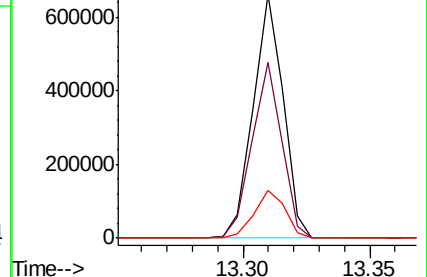
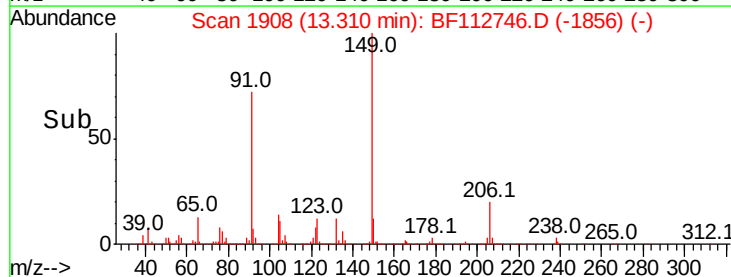
206 19.7 14.7 22.1

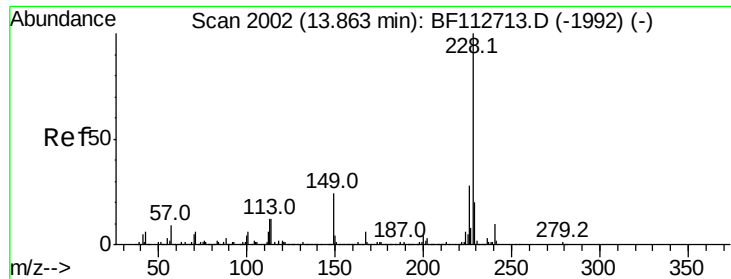


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





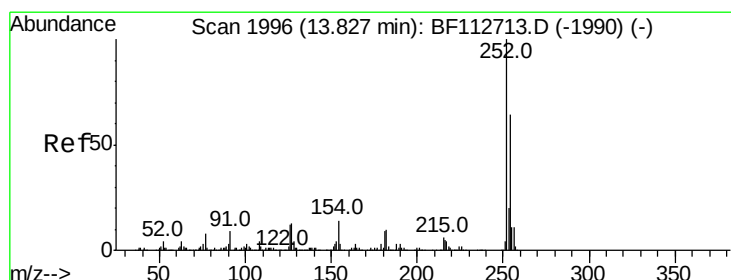
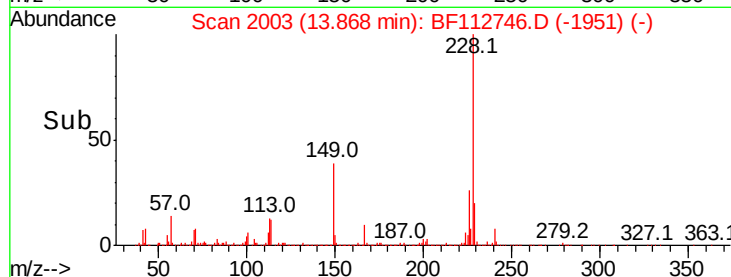
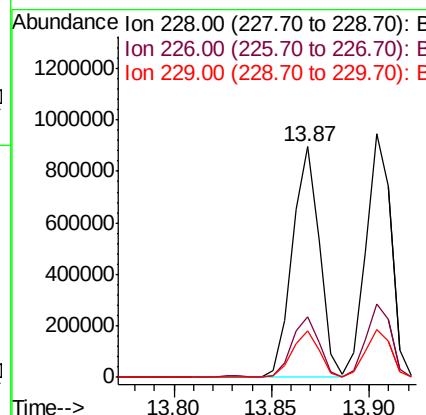
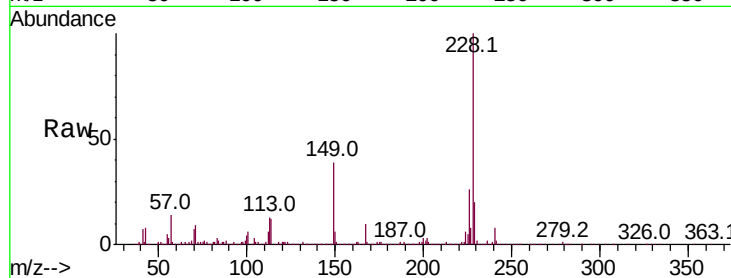
#81
Benzo(a)anthracene
Concen: 38.847 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.2	33.4
229	19.9	16.0	24.0

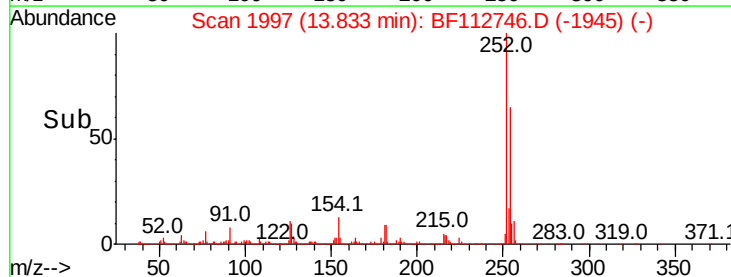
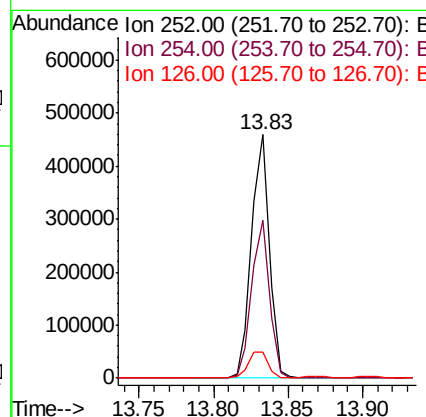
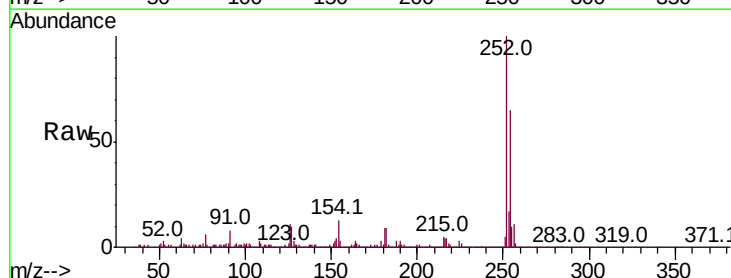
Manual Integrations
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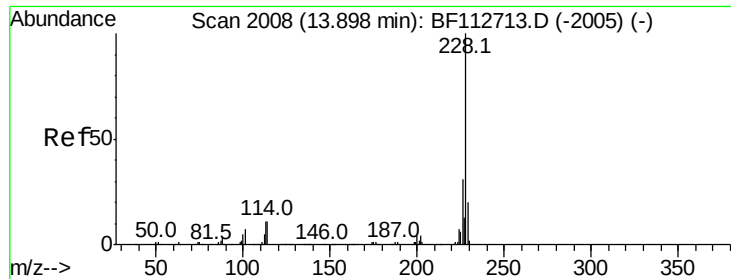
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 45.646 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.1	76.7
126	10.7	9.9	14.9





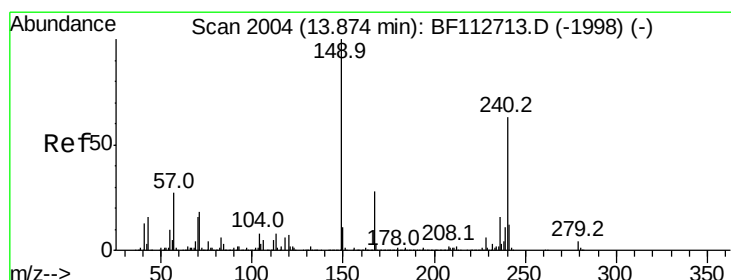
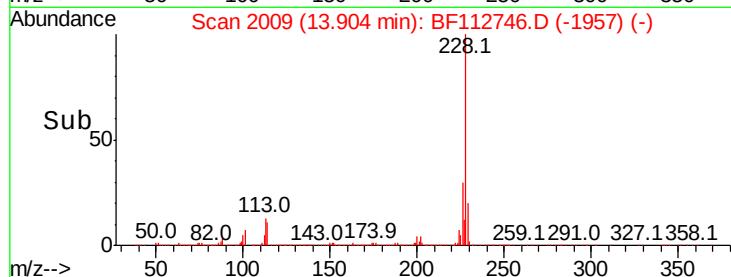
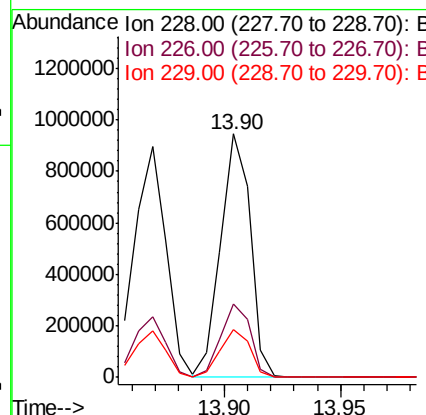
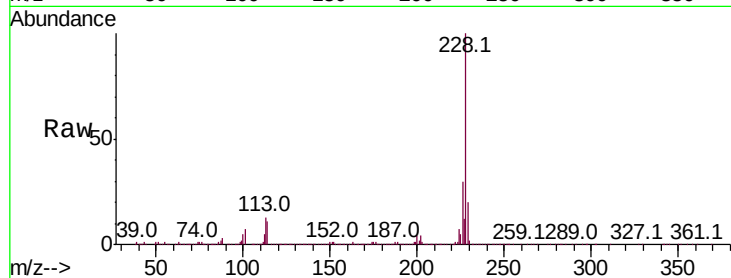
#83
Chrysene
Concen: 38.676 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.8	16.3	24.5

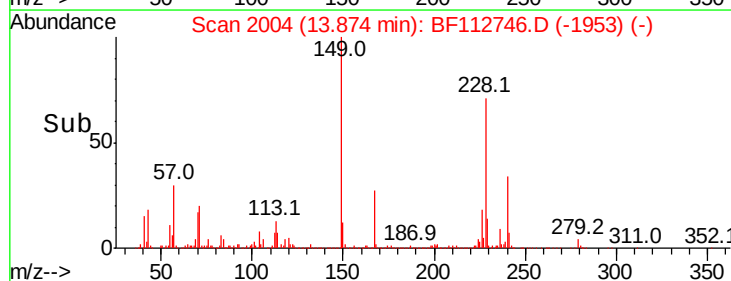
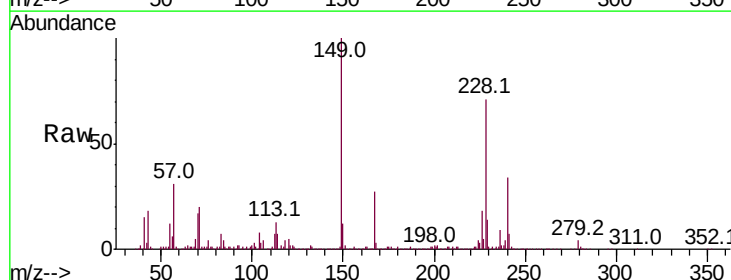
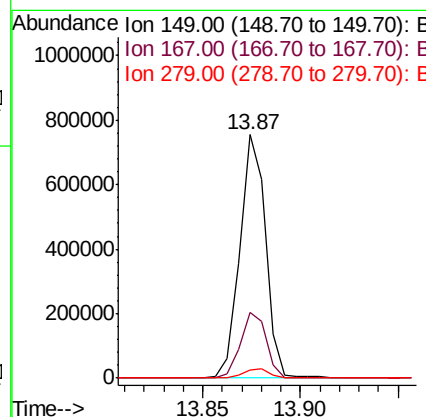
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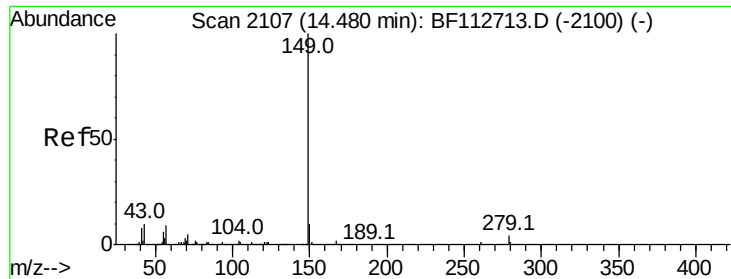
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.123 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.4	33.6
279	3.6	3.3	4.9





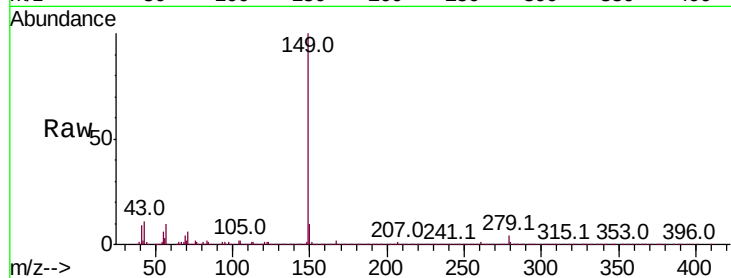
#85
Di-n-octyl phthalate
Concen: 46.379 ng
RT: 14.48 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.1	9.0	13.4

Manual Integrations
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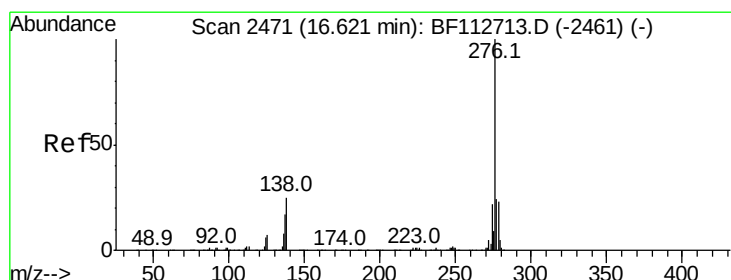
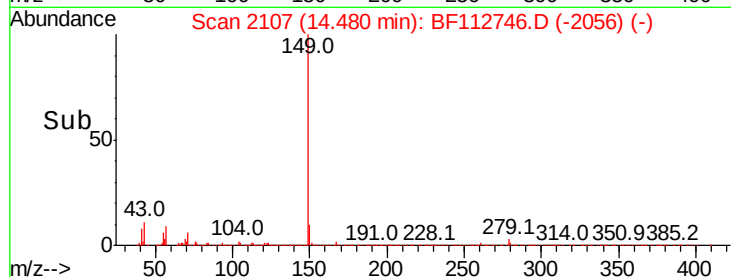
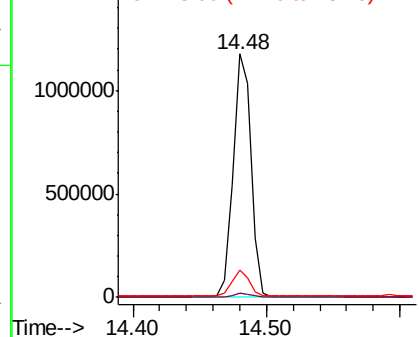


Abundance

Ion 149.00 (148.70 to 149.70): E

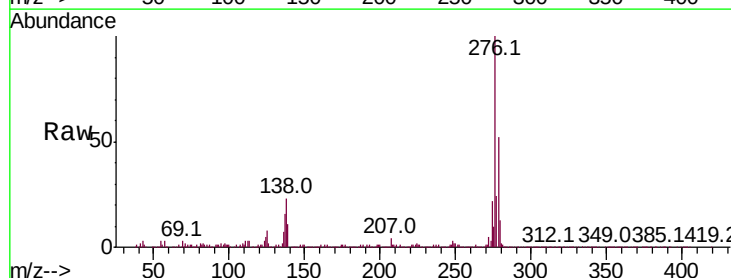
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.457 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.03 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	23.2	34.8
277	24.8	19.9	29.9

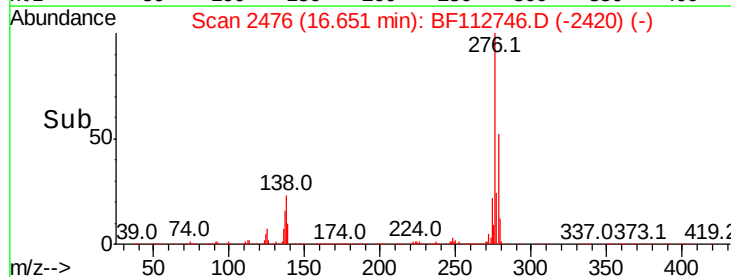
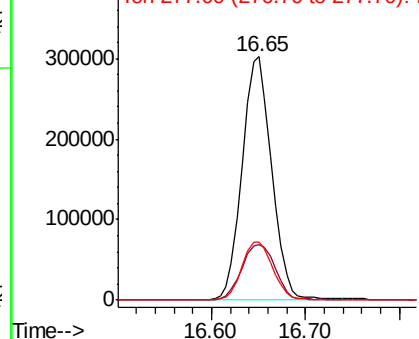


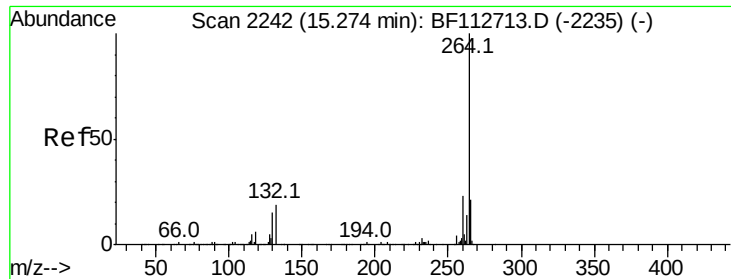
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





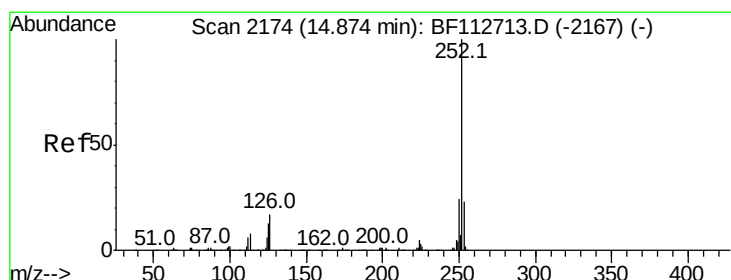
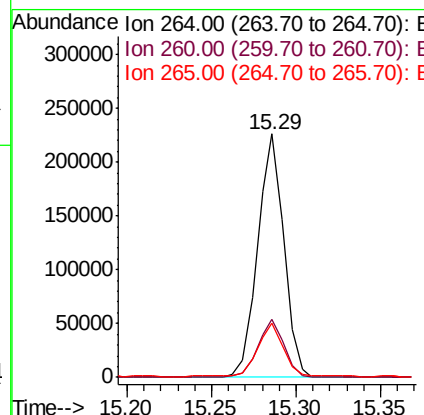
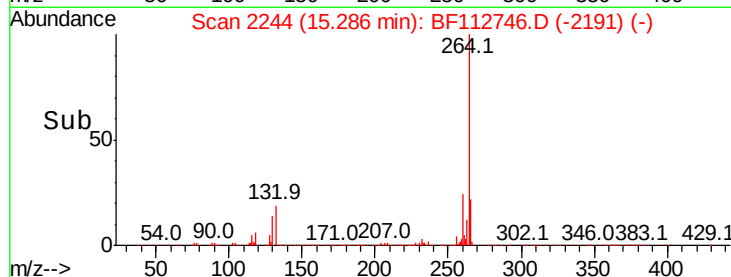
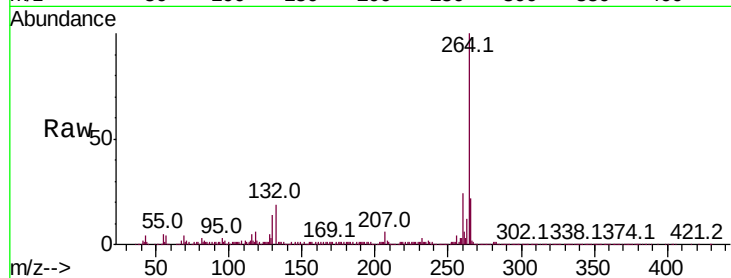
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.0	17.2	25.8

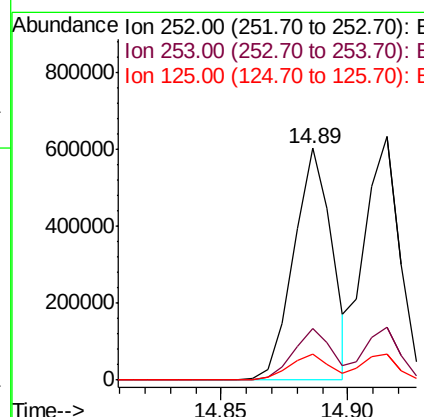
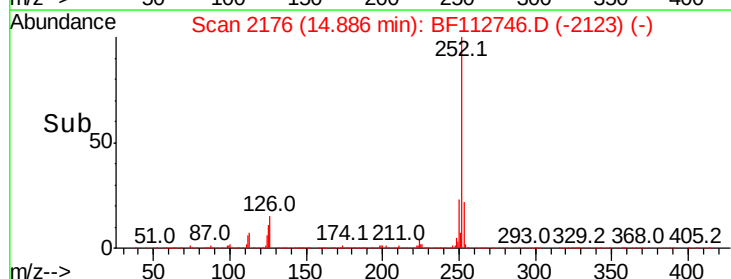
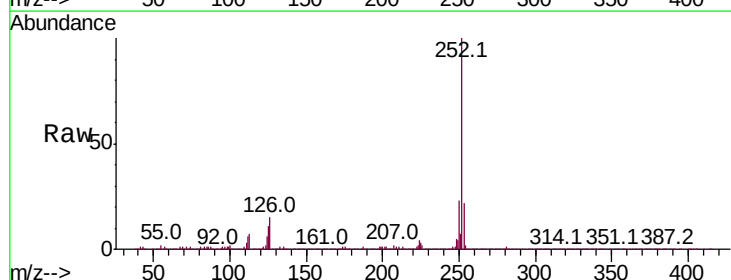
Manual Integrations
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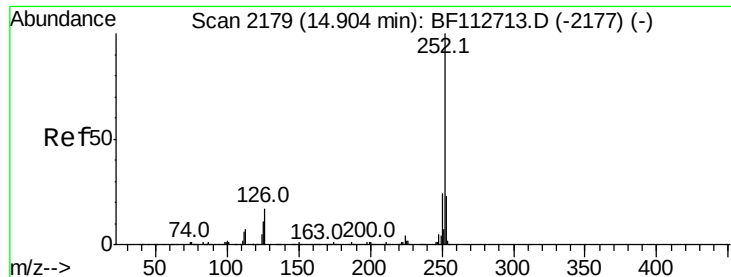
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#88
Benzo(b)fluoranthene
Concen: 39.974 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.0	10.2	15.2





#89

Benzo(k)fluoranthene

Concen: 41.948 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Instrument :

BNA_F

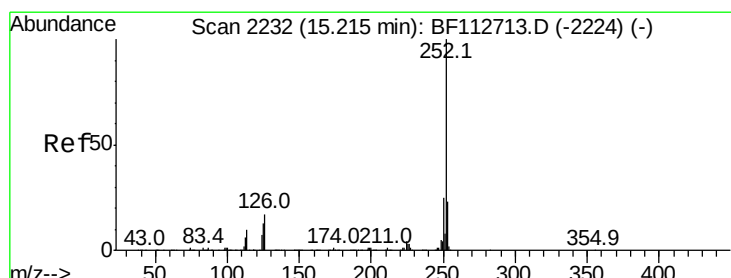
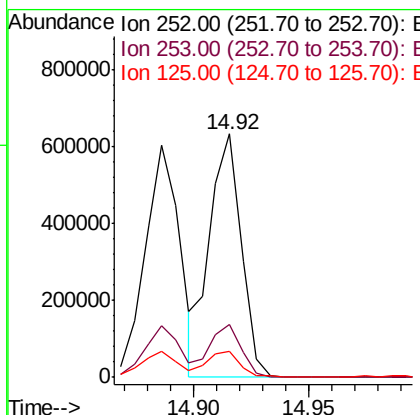
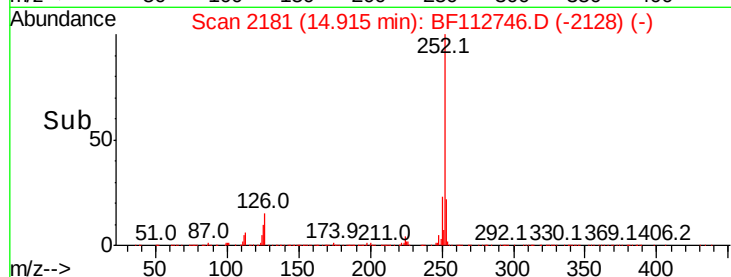
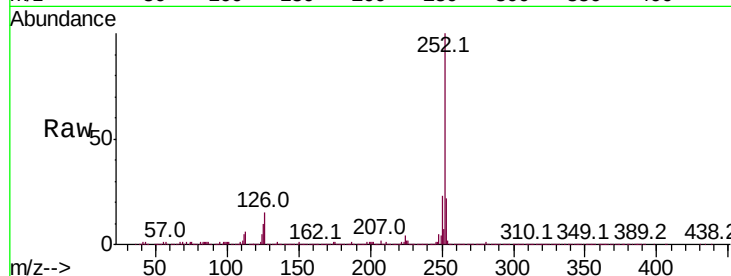
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	599177
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.2	27.2
125	10.4	9.8	14.6

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 40.343 ng

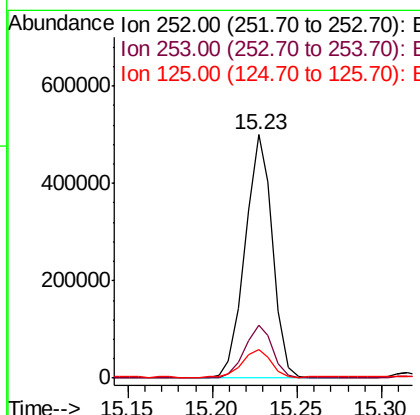
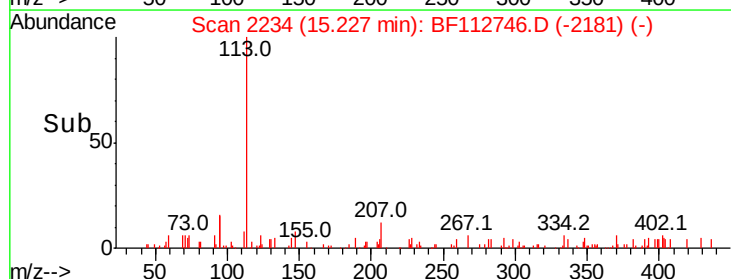
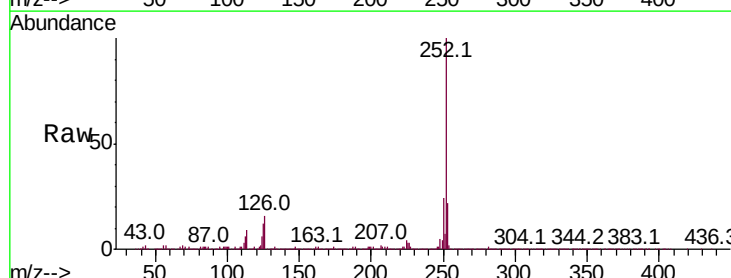
RT: 15.23 min Scan# 2234

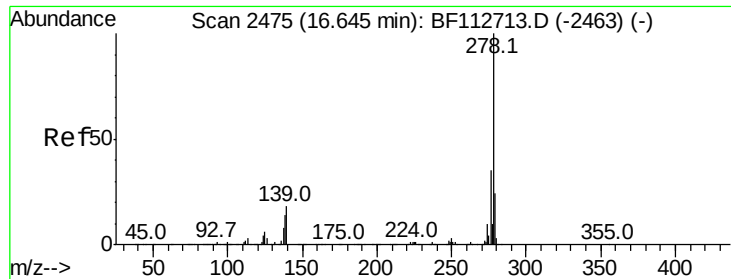
Delta R.T. 0.01 min

Lab File: BF112746.D

Acq: 28 Feb 2019 4:34

Tgt Ion:	252	Resp:	562709
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.0	27.0
125	12.0	10.7	16.1





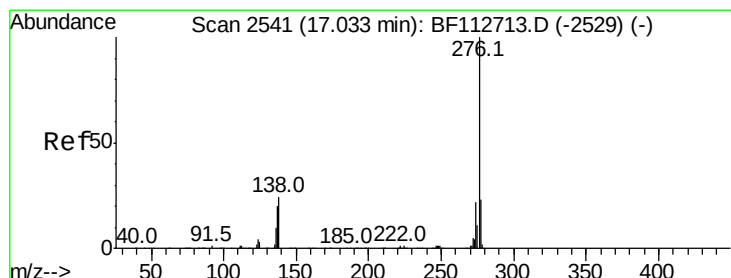
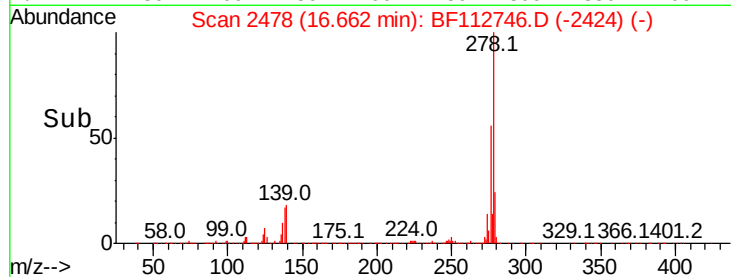
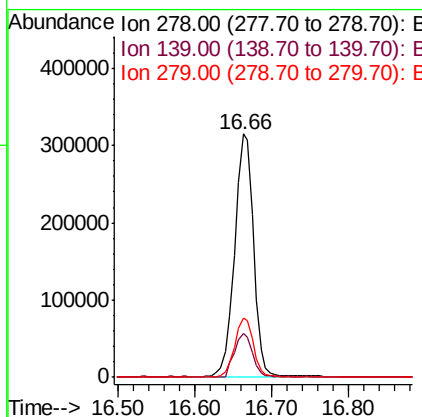
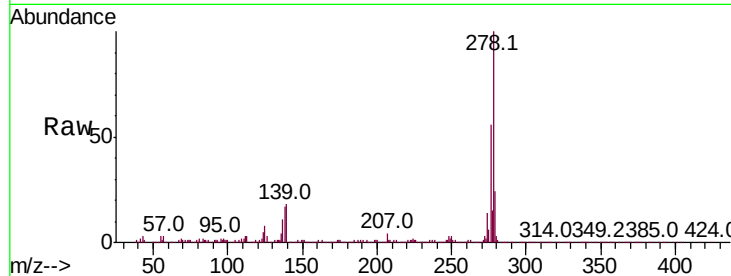
#91
Dibenzo(a,h)anthracene
Concen: 45.777 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.02 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.3	21.5
279	24.1	19.4	29.0

Manual Integrations
APPROVED

Sohil
2/28/2019 12:47:40 PM



#92
Benzo(g,h,i)perylene
Concen: 44.708 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.02 min
Lab File: BF112746.D
Acq: 28 Feb 2019 4:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	22.5	19.4	29.0

