

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112766.D
 Acq On : 28 Feb 2019 17:37
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/1/2019 3:00:06 PM

Quant Time: Mar 01 06:22:45 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	206900	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	810893	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	379853	20.00	ng	0.01
64) Phenanthrene-d10	11.26	188	713637	20.00	ng	0.01
76) Chrysene-d12	13.89	240	423429	20.00	ng	0.01
87) Perylene-d12	15.29	264	411271	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1031234	77.53	ng	0.00
7) Phenol-d6	6.38	99	1288545	77.12	ng	0.01
23) Nitrobenzene-d5	7.31	82	1127137	83.17	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	353975	87.78	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1910608	86.56	ng	0.00
79) Terphenyl-d14	12.84	244	1845077	84.47	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	247483	37.119	ng	97
3) Pyridine	3.15	79	665588	37.314	ng	99
4) n-Nitrosodimethylamine	3.09	42	288269	36.944	ng	97
6) Aniline	6.41	93	870974	37.871	ng	98
8) 2-Chlorophenol	6.53	128	590316	39.870	ng	94
9) Benzaldehyde	6.29	77	451066	37.468	ng	99
10) Phenol	6.39	94	754814	38.714	ng	96
11) bis(2-Chloroethyl)ether	6.49	93	563913	37.682	ng	94
12) 1,3-Dichlorobenzene	6.69	146	608276	39.769	ng	99
13) 1,4-Dichlorobenzene	6.76	146	607645	39.615	ng	99
14) 1,2-Dichlorobenzene	6.92	146	563619	40.083	ng	98
15) Benzyl Alcohol	6.89	79	505272	39.659	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	912903	36.554	ng	99
17) 2-Methylphenol	7.00	107	468472	39.002	ng	97
18) Hexachloroethane	7.26	117	233347	39.714	ng	95
19) n-Nitroso-di-n-propylamine	7.17	70	383792	36.269	ng	97
20) 3+4-Methylphenols	7.16	107	527478	38.897	ng	93
22) Acetophenone	7.16	105	770364	40.629	ng	99
24) Nitrobenzene	7.33	77	606994	40.244	ng	100
25) Isophorone	7.57	82	1086262	37.208	ng	100
26) 2-Nitrophenol	7.65	139	306122	48.756	ng	98
27) 2,4-Dimethylphenol	7.69	122	456592	39.089	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	707035	38.735	ng	100
29) 2,4-Dichlorophenol	7.89	162	467358	41.259	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	502158	41.258	ng	98
31) Naphthalene	8.05	128	1587899	39.442	ng	100
32) Benzoic acid	7.81	122	376700	46.013	ng	94
33) 4-Chloroaniline	8.10	127	687206	40.301	ng	99
34) Hexachlorobutadiene	8.17	225	295420	43.038	ng	99
35) Caprolactam	8.47	113	156684m	39.273	ng	
36) 4-Chloro-3-methylphenol	8.58	107	493892	39.398	ng	97
37) 2-Methylnaphthalene	8.74	142	1032881	39.728	ng	100
38) 1-Methylnaphthalene	8.84	142	996009	39.548	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	467517	42.206	ng	99

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 Misc :
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Instrument :
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 ClientSampleId :
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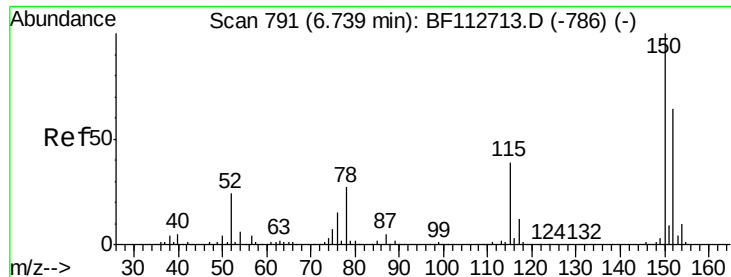
Manual Integrations
 APPROVED

Sohil
 3/1/2019 3:00:06 PM

Quant Time: Mar 01 06:22:45 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)
41) Hexachlorocyclopentadiene	8.90	237	267440	44.090	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	325189	42.656	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	348019	42.235	nq	98
46) 1,1'-Biphenyl	9.20	154	1265366	40.841	nq	100
47) 2-Chloronaphthalene	9.23	162	963725	39.836	nq	99
48) 2-Nitroaniline	9.32	65	318791	43.353	nq	96
49) Acenaphthylene	9.64	152	1591565	38.752	nq	100
50) Dimethylphthalate	9.50	163	1093937	39.057	nq	99
51) 2,6-Dinitrotoluene	9.56	165	251891	43.188	nq #	83
52) Acenaphthene	9.82	154	949598	39.537	nq	98
53) 3-Nitroaniline	9.73	138	296897	41.775	nq	96
54) 2,4-Dinitrophenol	9.83	184	110162	48.904	nq	97
55) Dibenzofuran	9.99	168	1345659	38.549	nq	97
56) 4-Nitrophenol	9.89	139	241373	41.789	nq	92
57) 2,4-Dinitrotoluene	9.96	165	326762	45.071	nq	92
58) Fluorene	10.33	166	973365	39.287	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	289532	42.174	nq	98
60) Diethylphthalate	10.20	149	1102409	37.267	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	475129	41.218	nq	97
62) 4-Nitroaniline	10.34	138	279872	42.616	nq	94
63) Azobenzene	10.48	77	1110716	36.658	nq	94
65) 4,6-Dinitro-2-methylphenol	10.37	198	137084	46.871	nq #	75
66) n-Nitrosodiphenylamine	10.43	169	923597	40.355	nq	100
67) 4-Bromophenyl-phenylether	10.80	248	322087	42.849	nq	97
68) Hexachlorobenzene	10.87	284	364462	43.013	nq	95
69) Atrazine	10.96	200	284607	40.603	nq	98
70) Pentachlorophenol	11.06	266	222746	44.664	nq	98
71) Phenanthrene	11.28	178	1459975	41.119	nq	99
72) Anthracene	11.33	178	1477384	39.749	nq	100
73) Carbazole	11.49	167	1394186	38.453	nq	99
74) Di-n-butylphthalate	11.82	149	1672623	38.474	nq	100
75) Fluoranthene	12.46	202	1489613	39.158	nq	99
77) Benzidine	12.58	184	868734	39.545	nq	99
78) Pyrene	12.69	202	1511972	42.357	nq	100
80) Butylbenzylphthalate	13.32	149	636112	40.372	nq	90
81) Benzo(a)anthracene	13.87	228	1105295	37.664	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	459307	41.383	nq	98
83) Chrysene	13.91	228	1095707	38.117	nq	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	719497	38.931	nq	100
85) Di-n-octyl phthalate	14.49	149	1241472	39.120	nq	97
86) Indeno(1,2,3-cd)pyrene	16.66	276	1112064	45.378	nq	96
88) Benzo(b)fluoranthene	14.89	252	998016	37.516	nq	98
89) Benzo(k)fluoranthene	14.92	252	933196	38.728	nq	97
90) Benzo(a)pyrene	15.23	252	925325	39.325	nq	99
91) Dibenzo(a,h)anthracene	16.68	278	910332	45.338	nq	98
92) Benzo(g,h,i)perylene	17.07	276	924505	45.855	nq	96

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



#1

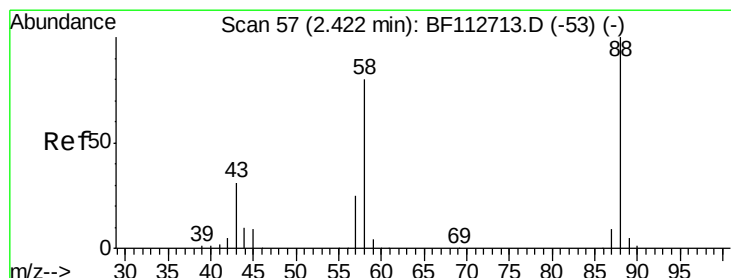
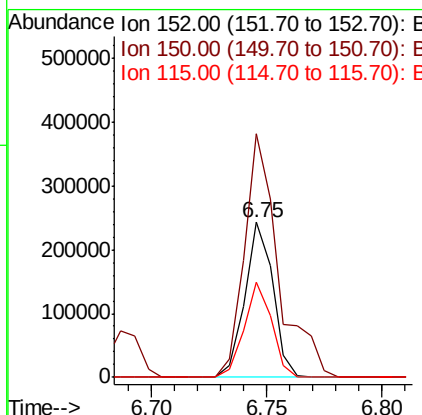
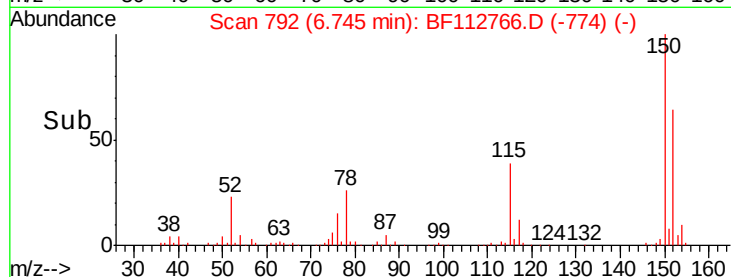
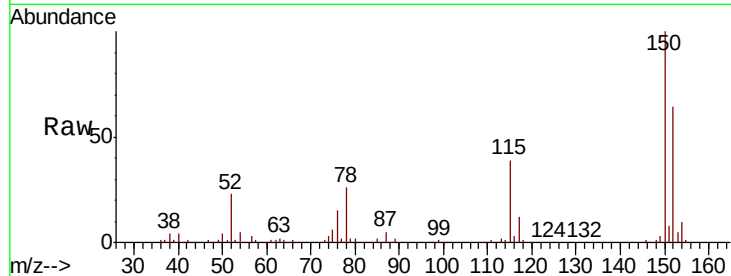
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.2	186.2
115	61.2	48.2	72.4

Manual Integrations
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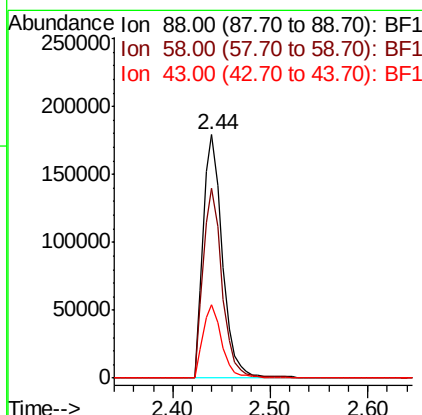
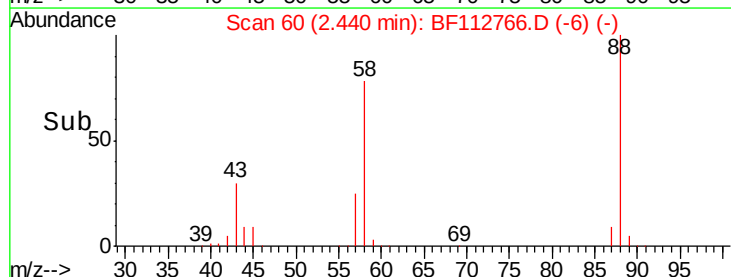
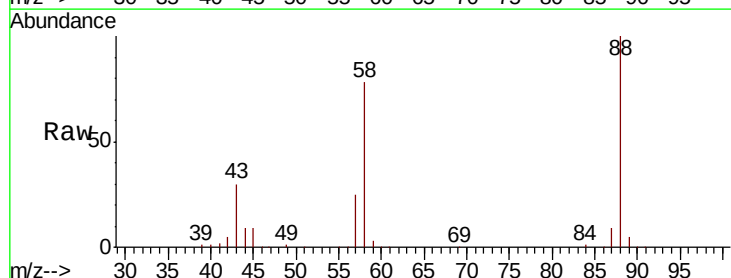
Sohil
3/1/2019 3:00:06 PM

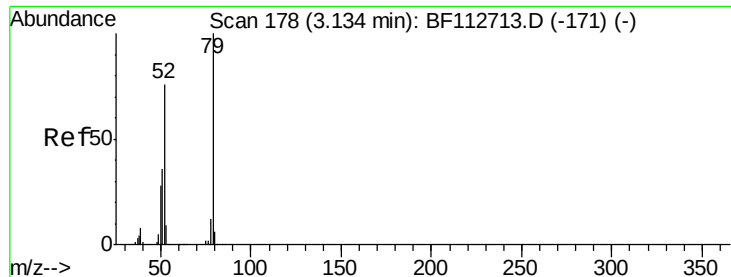


#2

1,4-Dioxane
Concen: 37.119 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.02 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.5	63.1	94.7
43	29.4	24.3	36.5





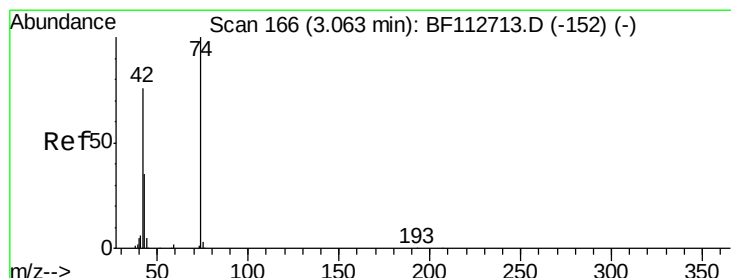
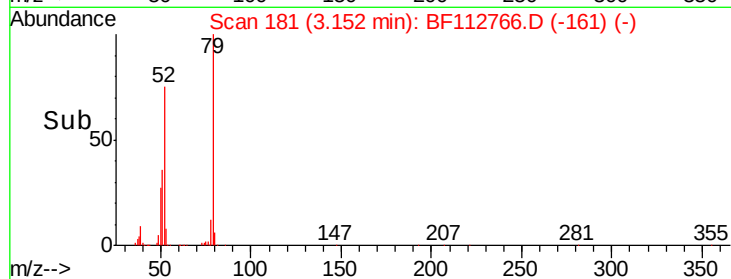
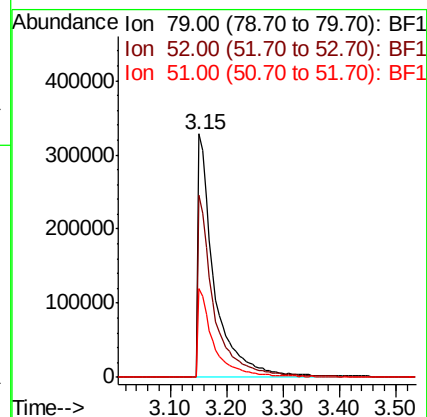
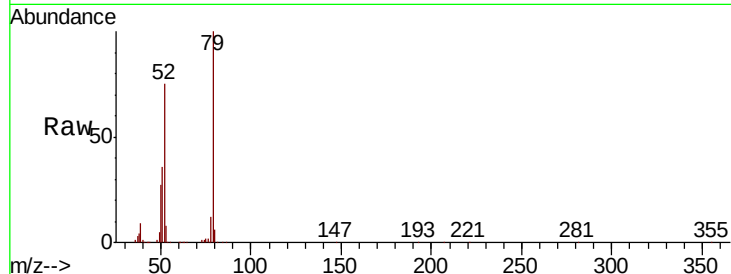
#3
 Pvridine
 Concen: 37.314 ng
 RT: 3.15 min Scan# 181
 Delta R.T. 0.02 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.8	60.5	90.7
51	36.3	28.8	43.2

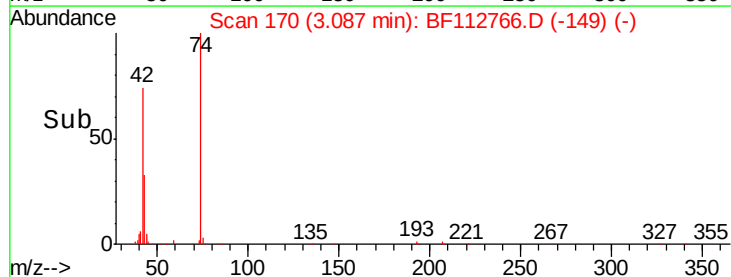
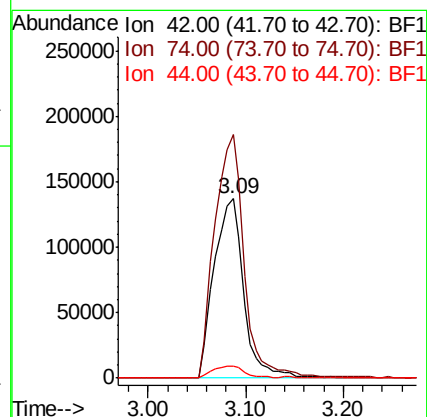
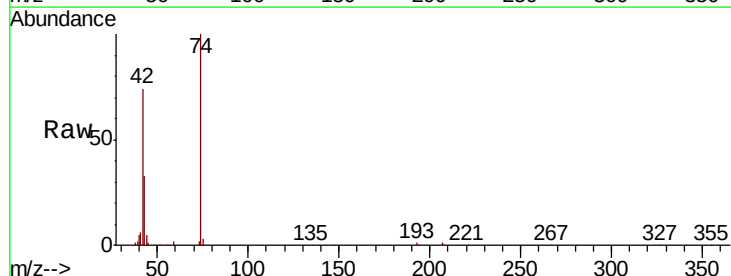
Manual Integrations
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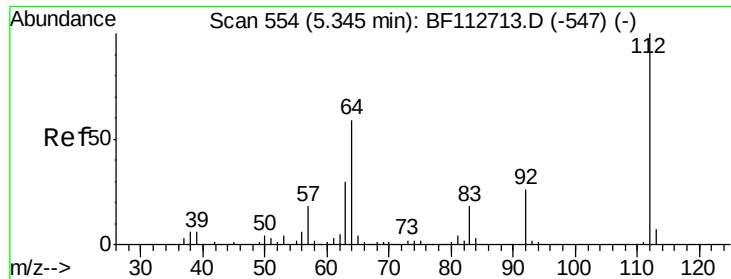
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#4
 n-Nitrosodimethylamine
 Concen: 36.944 ng
 RT: 3.09 min Scan# 170
 Delta R.T. 0.02 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.0	105.8	158.8
44	6.7	6.2	9.2





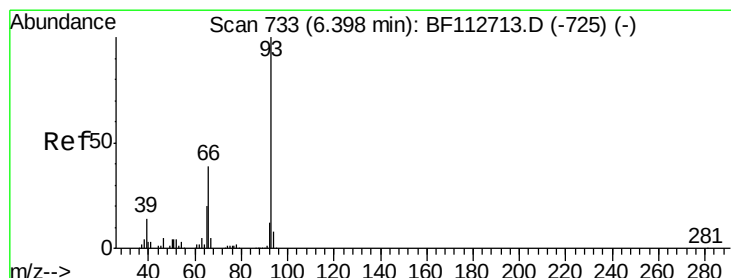
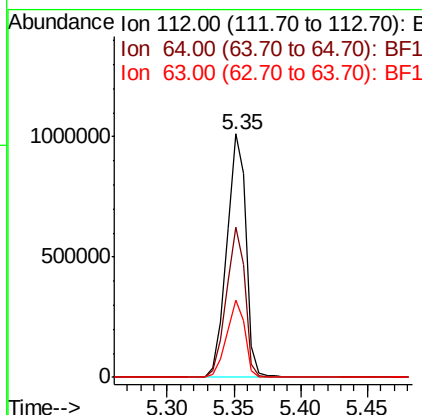
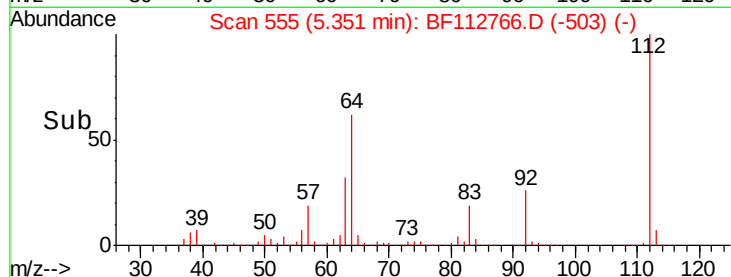
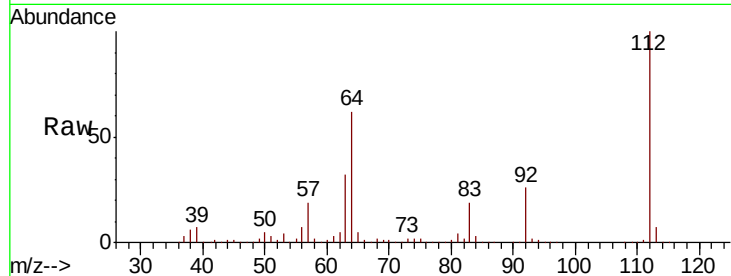
#5
2-Fluorophenol
Concen: 77.532 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.6	71.4
63	31.8	24.4	36.6

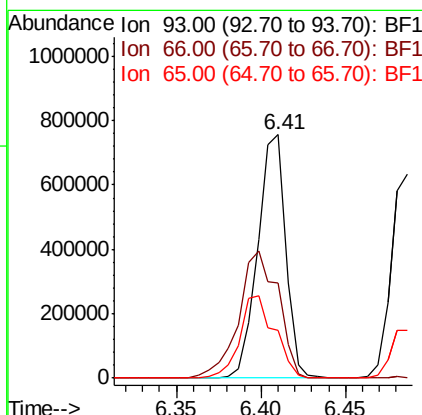
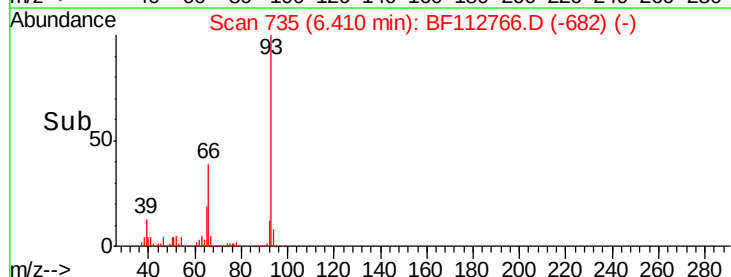
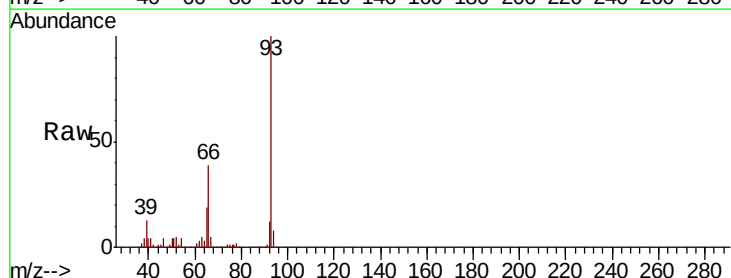
Manual Integrations
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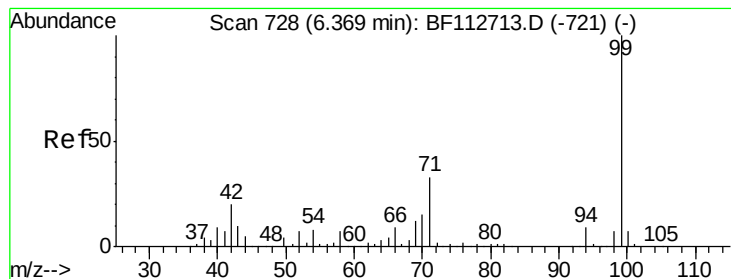
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3/1/2019 3:00:06 PM



#6
Aniline
Concen: 37.871 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.1	32.2	48.2
65	19.4	16.2	24.4





#7

Phenol-d6

Concen: 77.121 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1288545

Ion Ratio Lower Upper

99 100

42 19.6 16.3 24.5

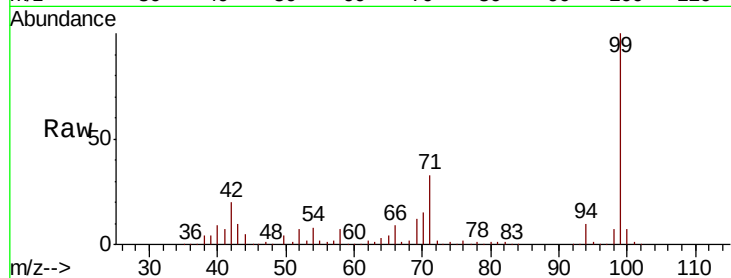
71 32.9 26.2 39.4

Manual Integrations

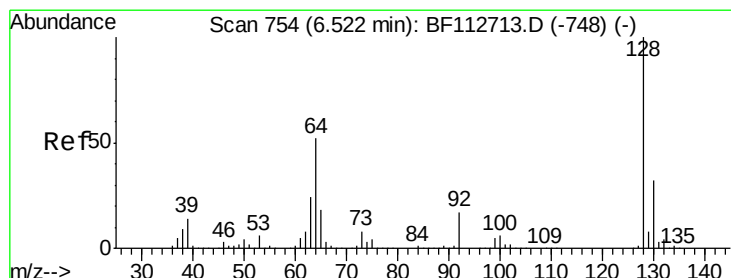
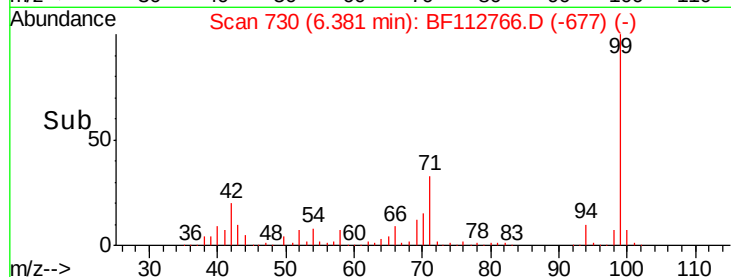
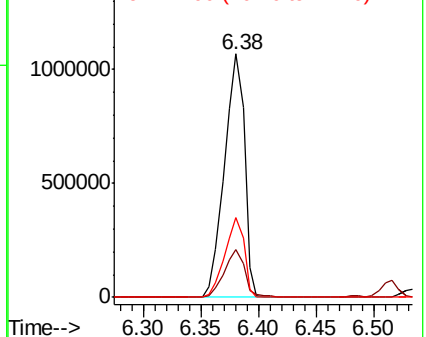
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3/1/2019 3:00:06 PM



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: 39.870 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

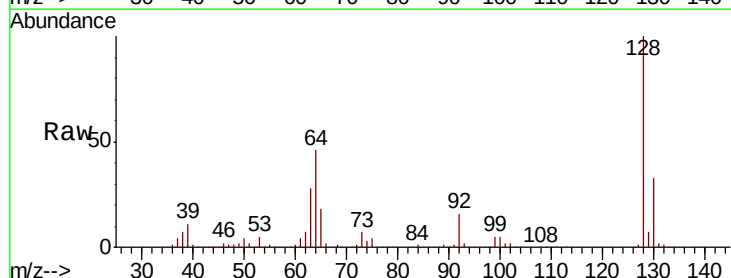
Tgt Ion: 128 Resp: 590316

Ion Ratio Lower Upper

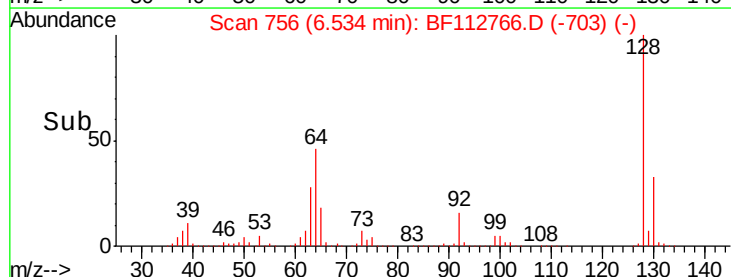
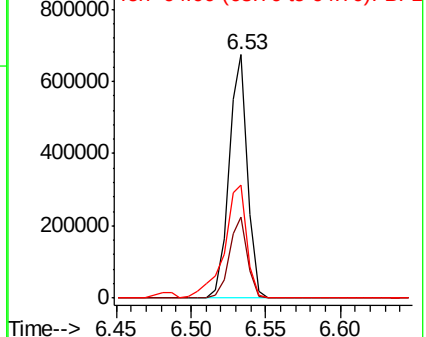
128 100

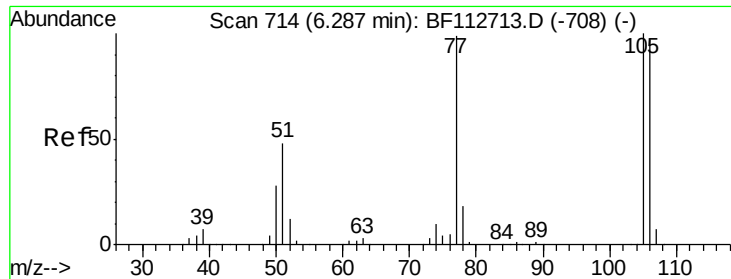
130 33.4 12.4 52.4

64 46.3 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





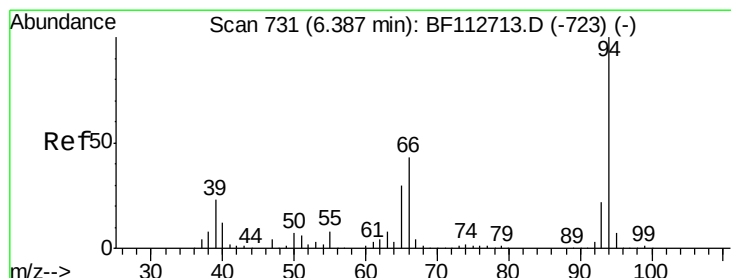
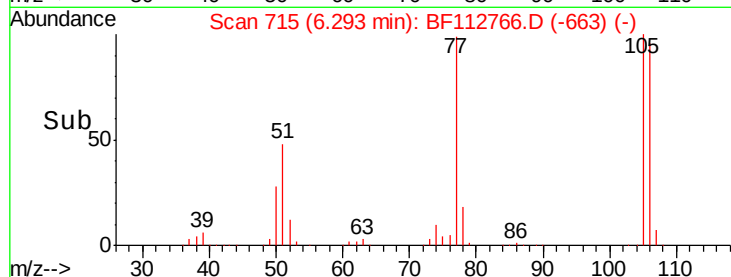
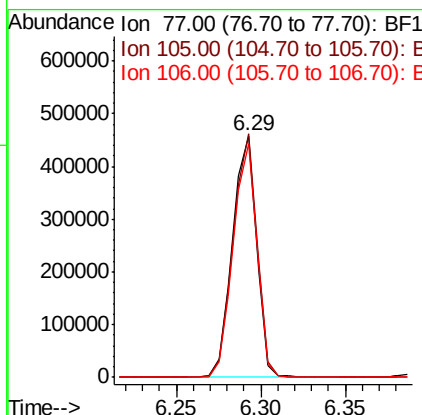
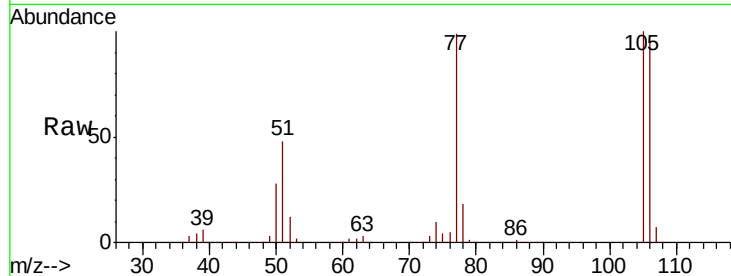
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Benzaldehyde
Concen: 37.468 ng
RT: 6.29 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.8	81.4	121.4
106	96.6	78.3	118.3

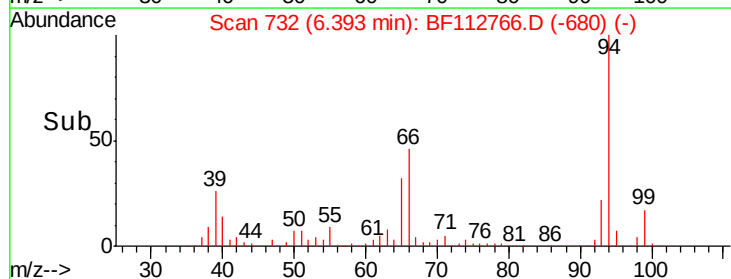
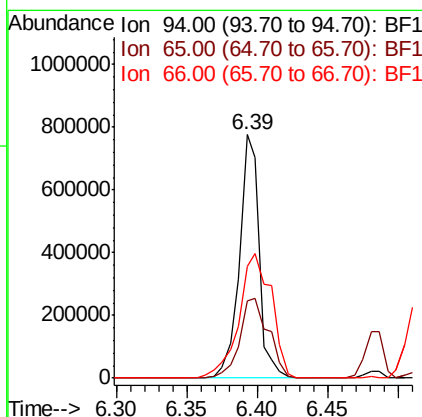
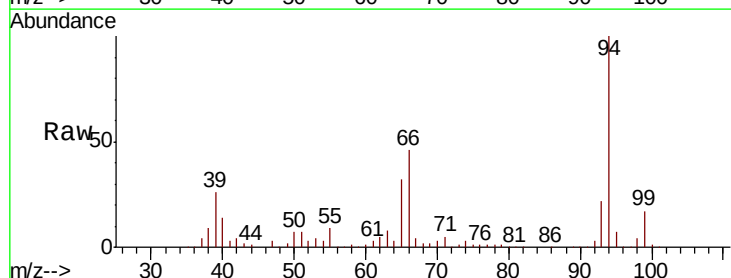
Manual Integrations
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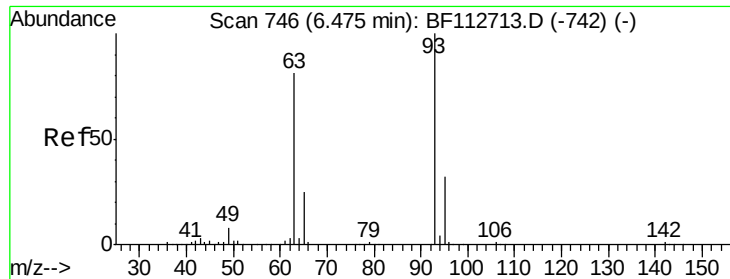
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3/1/2019 3:00:06 PM



#10
Phenol
Concen: 38.714 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.7	10.5	50.5
66	46.0	22.6	62.6





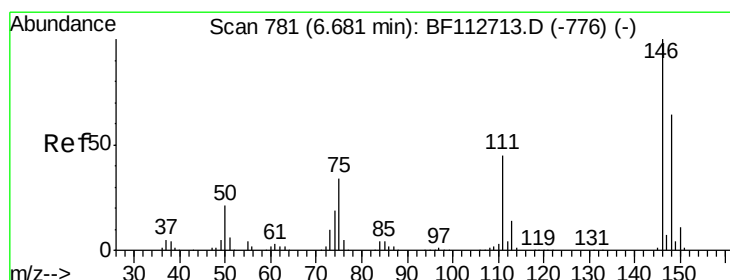
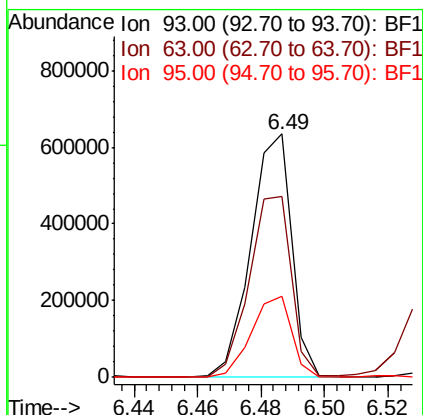
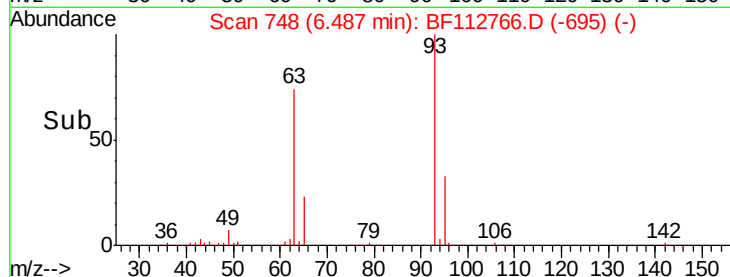
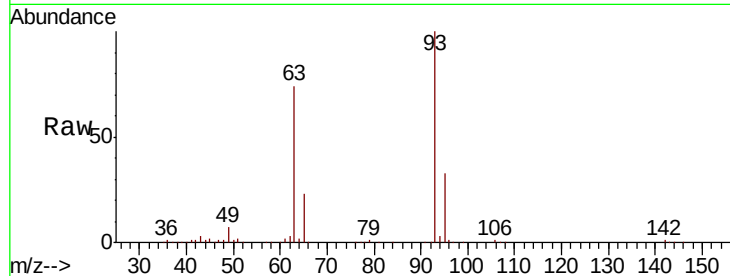
#11
bis(2-Chloroethyl)ether
Concen: 37.682 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	60.5	100.5
95	33.3	12.1	52.1

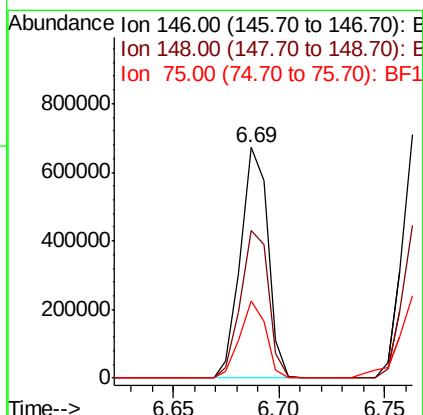
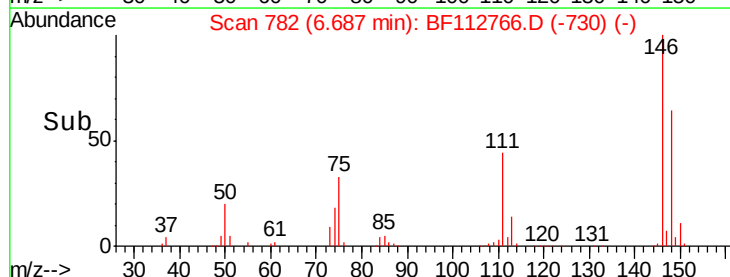
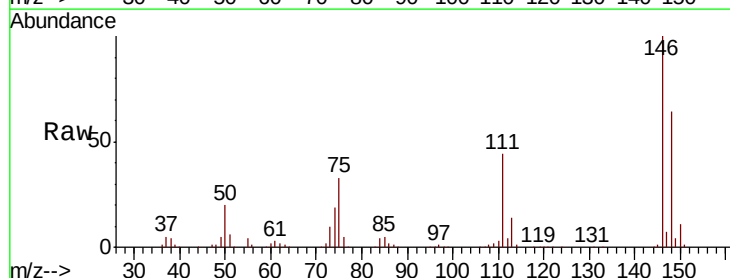
Manual Integrations
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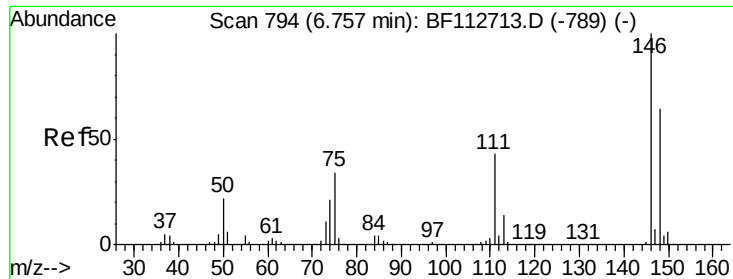
Sohil
3/1/2019 3:00:06 PM



#12
1,3-Dichlorobenzene
Concen: 39.769 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.9	76.3
75	33.5	26.9	40.3





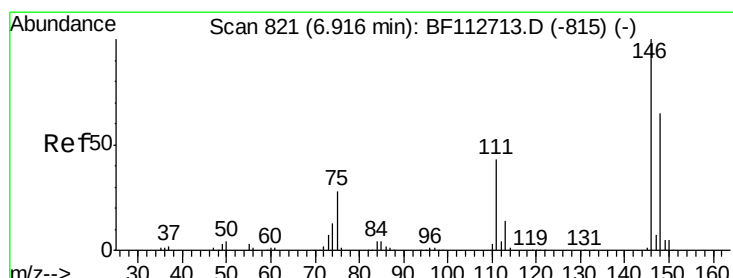
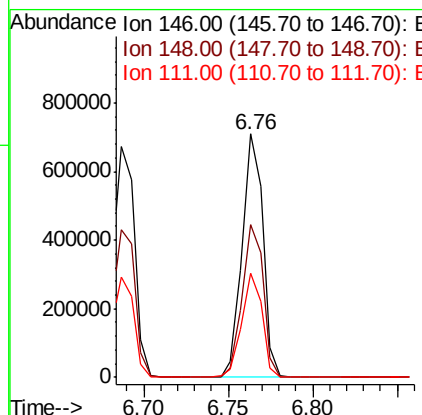
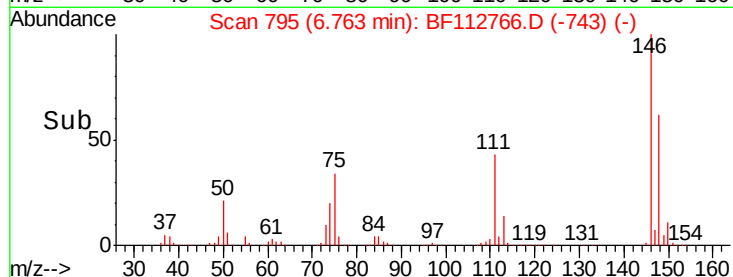
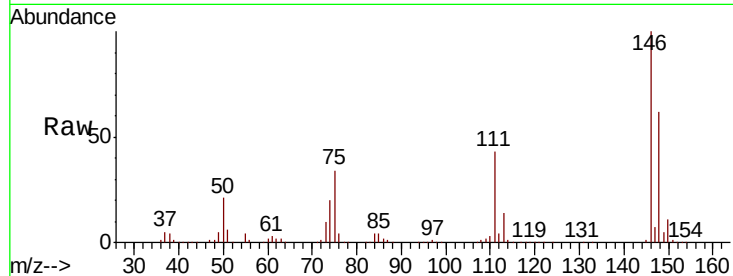
#13
1,4-Dichlorobenzene
Concen: 39.615 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.0	76.4
111	42.9	34.5	51.7

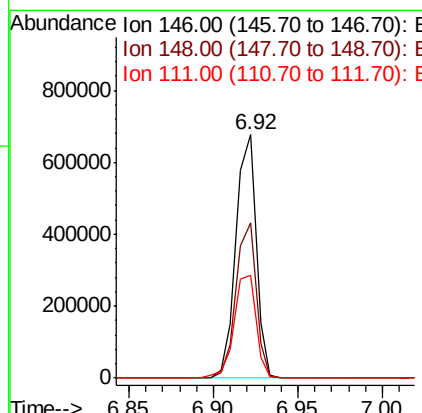
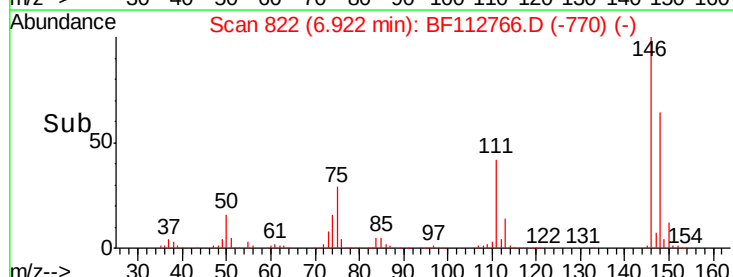
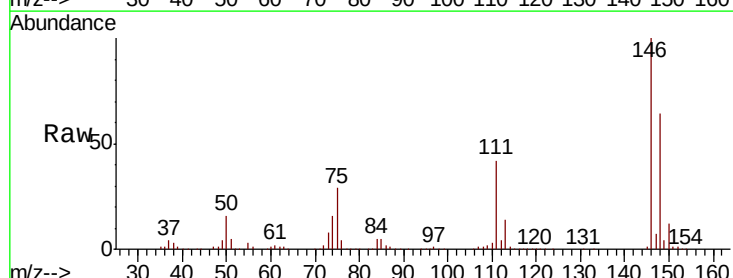
Manual Integrations
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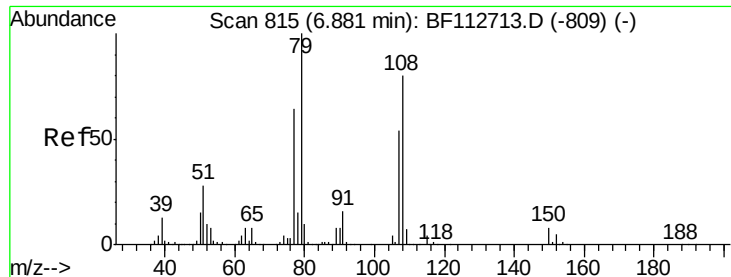
Sohil
3/1/2019 3:00:06 PM



#14
1,2-Dichlorobenzene
Concen: 40.083 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	42.0	34.8	52.2





#15

Benzyl Alcohol

Concen: 39.659 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Instrument :

BNA_F

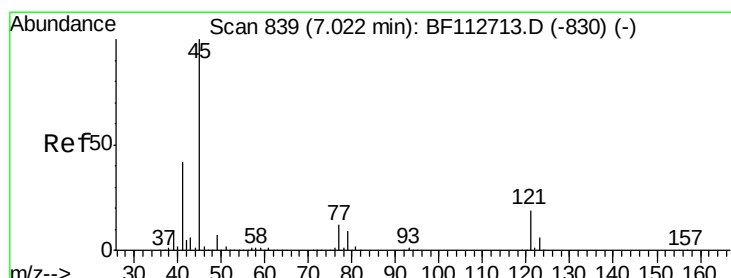
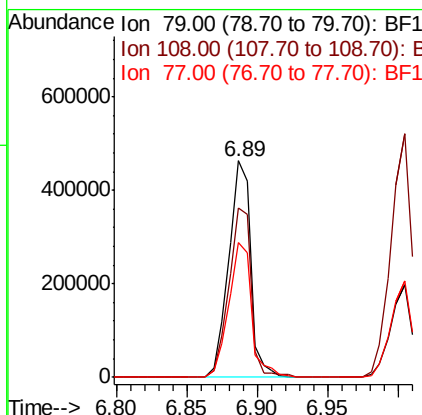
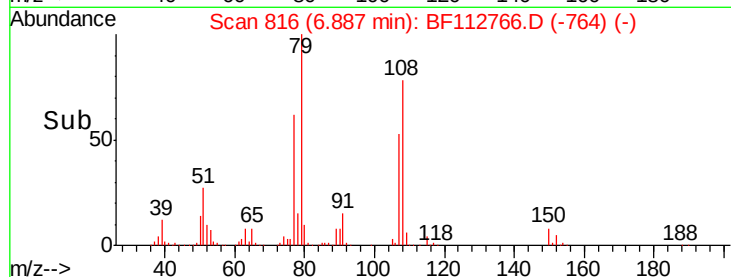
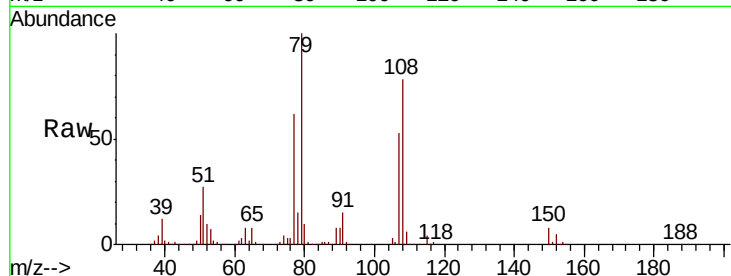
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.4	64.2	96.4
77	62.1	51.1	76.7

Manual Integrations
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3/1/2019 3:00:06 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.554 ng

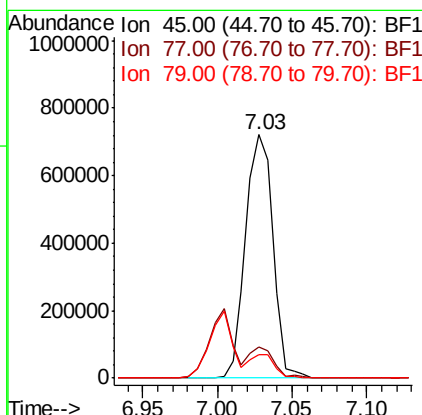
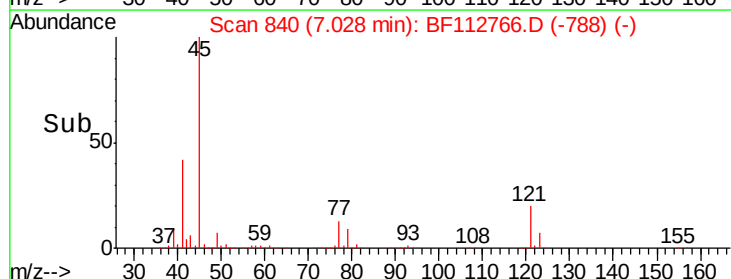
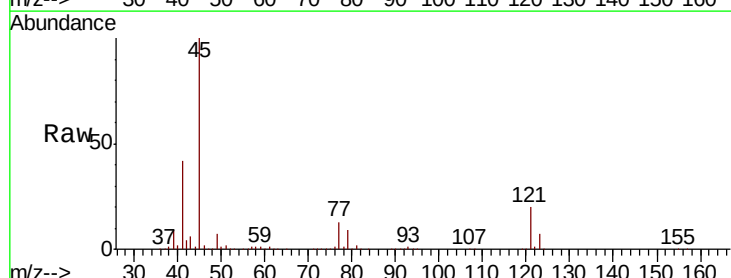
RT: 7.03 min Scan# 840

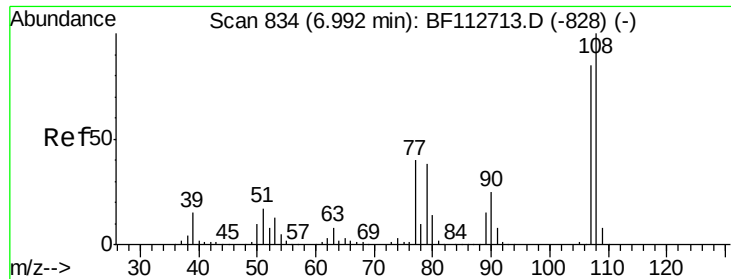
Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	32.1
79	9.5	0.0	29.4





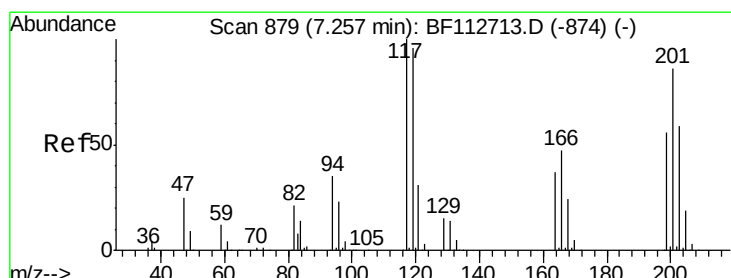
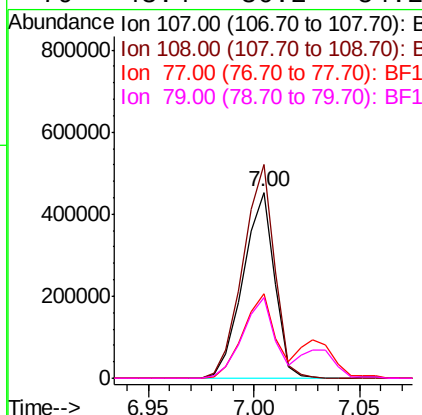
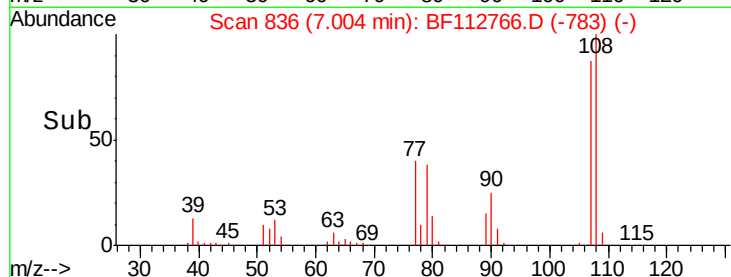
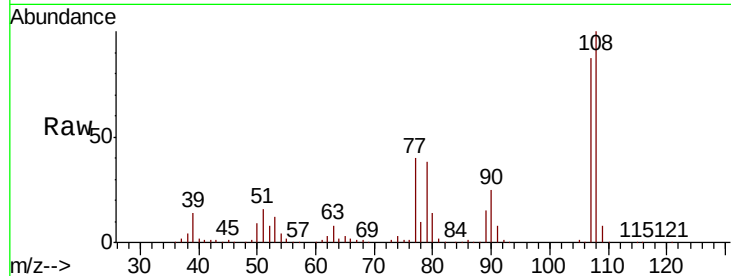
#17
2-Methylphenol
Concen: 39.002 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.9	94.6	142.0	
77	45.6	37.8	56.8	
79	43.4	36.2	54.2	

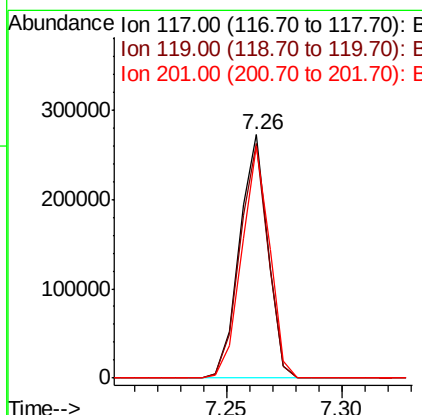
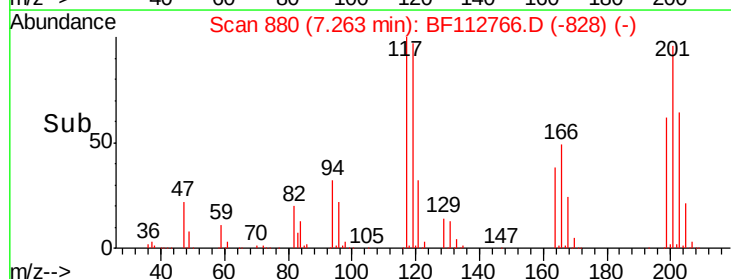
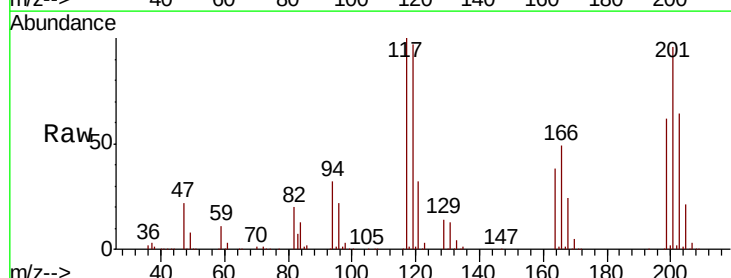
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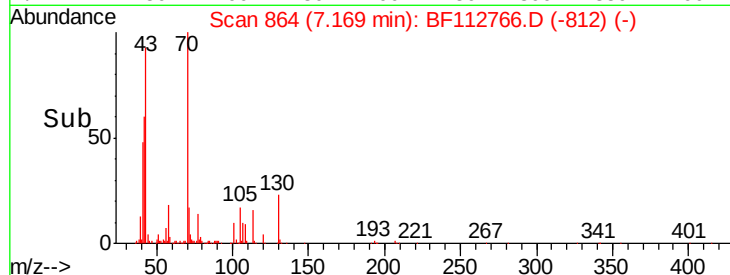
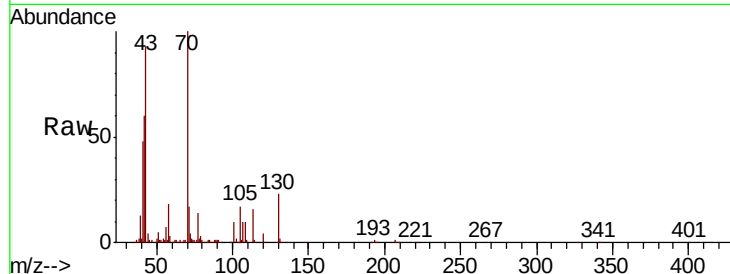
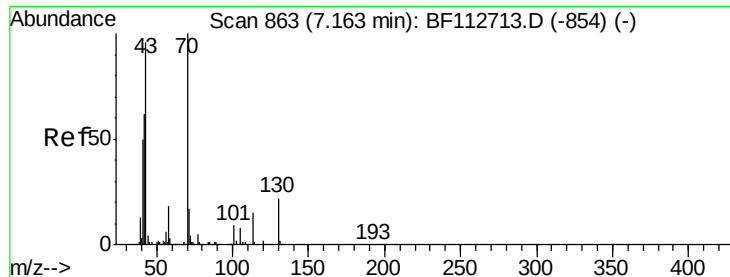
Sohil
3/1/2019 3:00:06 PM



#18
Hexachloroethane
Concen: 39.714 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	76.6	115.0	
201	95.6	68.9	103.3	





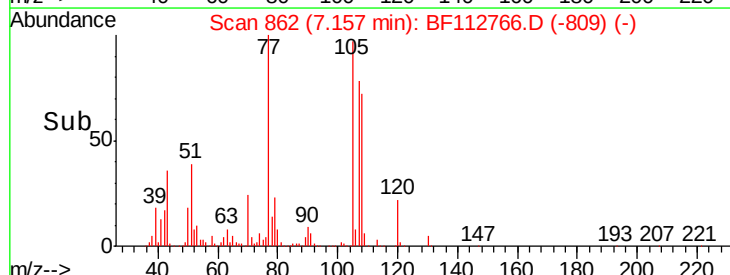
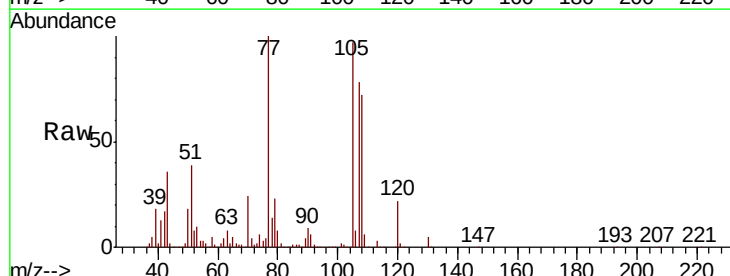
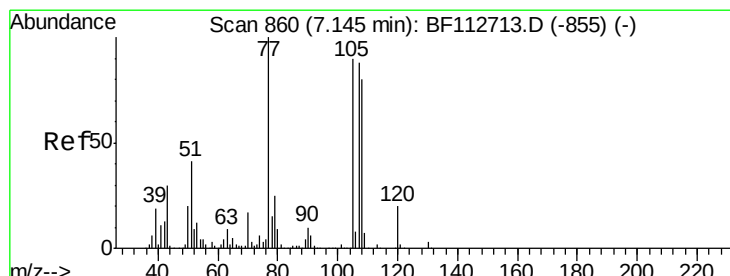
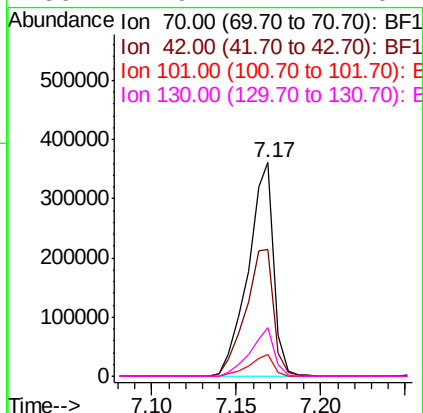
#19
n-Nitroso-di-n-propylamine
Concen: 36.269 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.6	49.9	74.9	
101	9.9	7.4	11.2	
130	22.9	17.4	26.2	

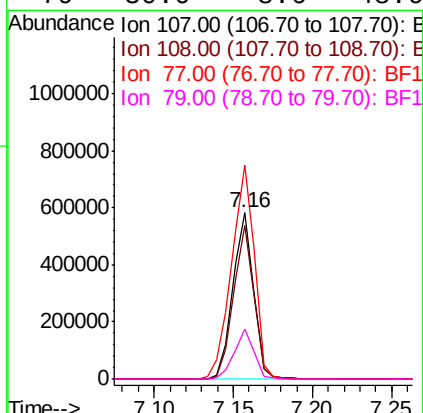
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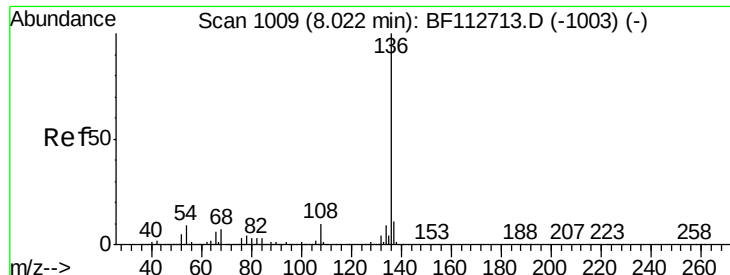
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#20
3+4-Methylphenols
Concen: 38.897 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.2	71.4	111.4	
77	128.4	94.1	134.1	
79	30.0	8.6	48.6	





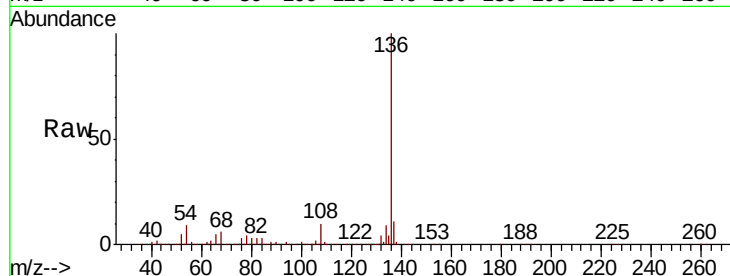
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		810893		
137	11.3		8.9	13.3	
54	8.6		7.3	10.9	
68	6.2		5.4	8.2	

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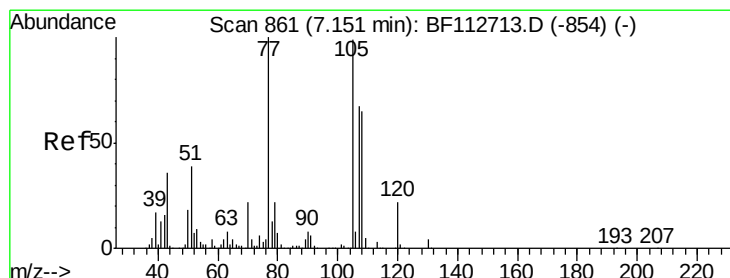
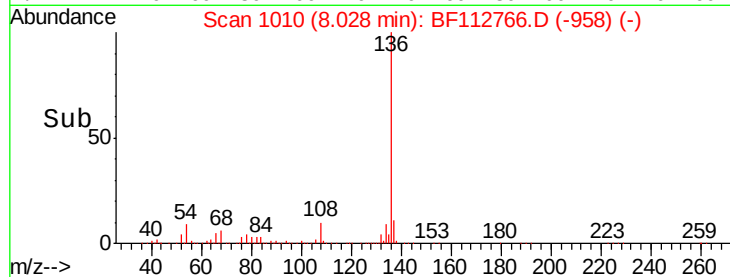
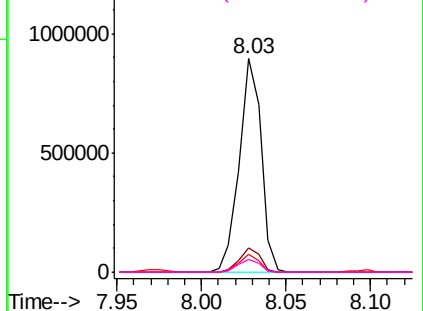
Abundance

Ion 136.00 (135.70 to 136.70): E

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: 40.629 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		770364		
71	4.2		3.0	4.4	
51	39.8		31.5	47.3	
120	22.2		18.1	27.1	

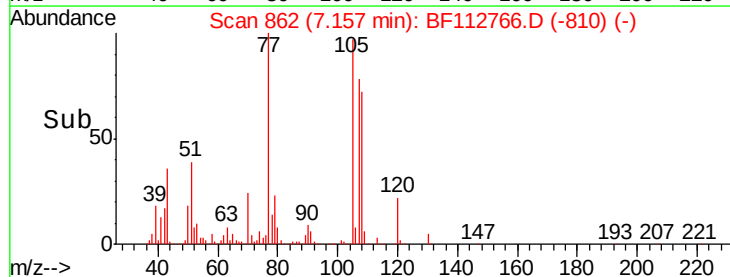
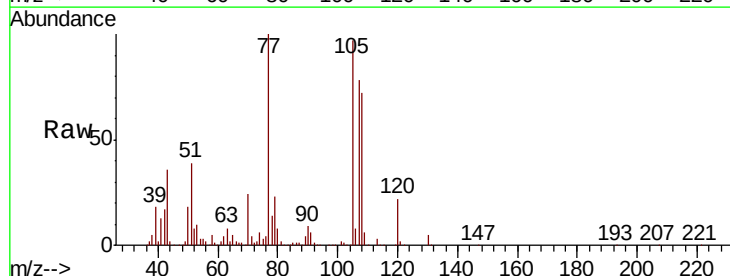
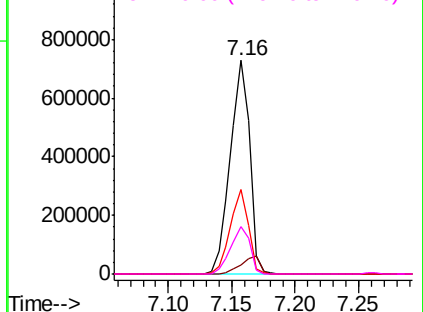
Abundance

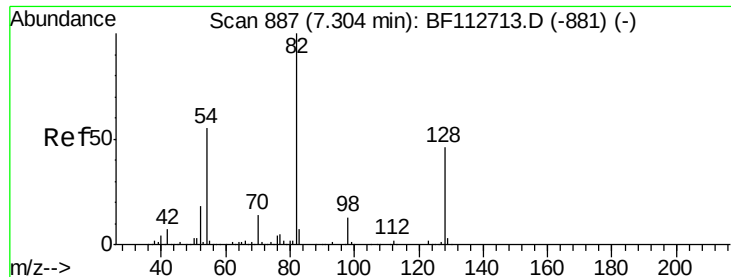
Ion 105.00 (104.70 to 105.70): E

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





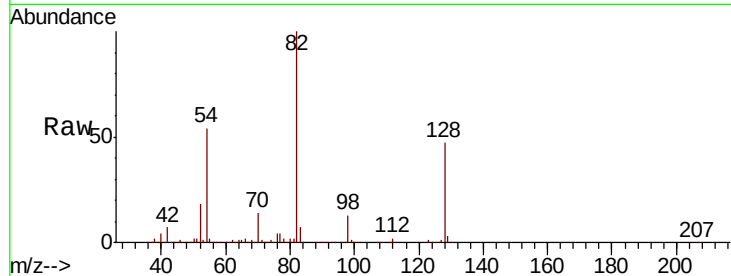
#23
 Nitrobenzene-d5
 Concen: 83.174 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

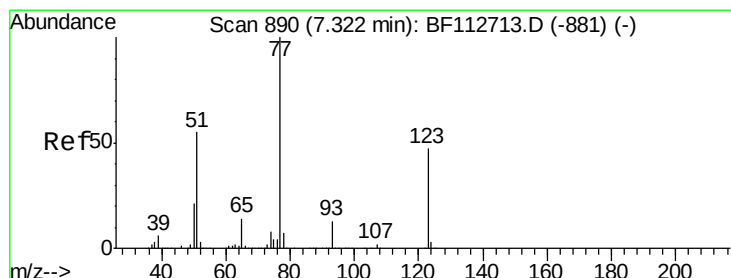
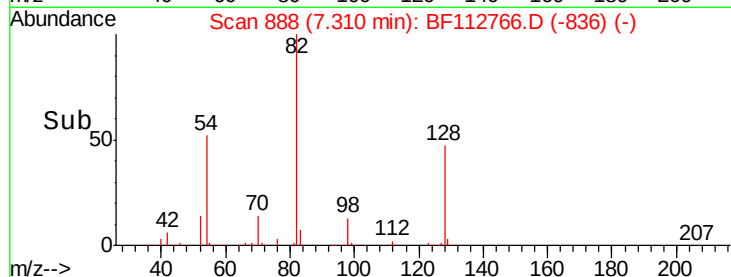
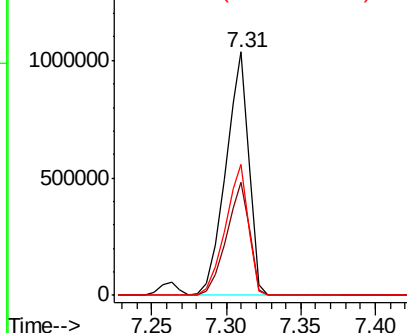
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.3	54.5
54	53.8	43.7	65.5

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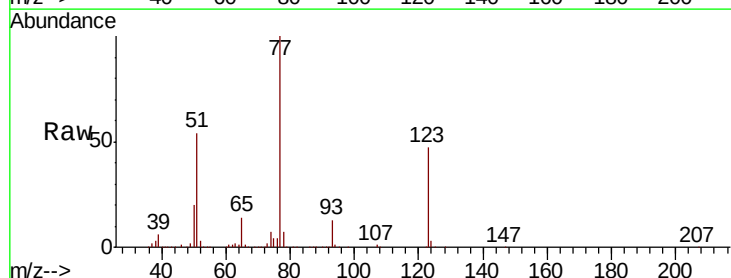


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

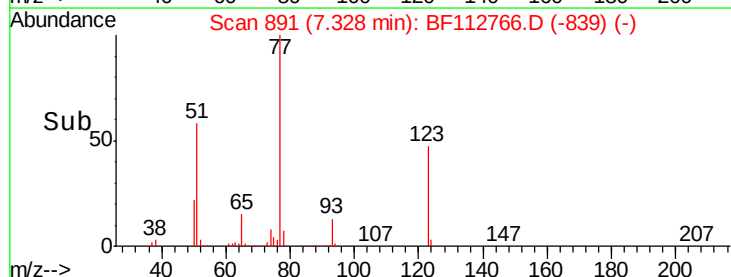
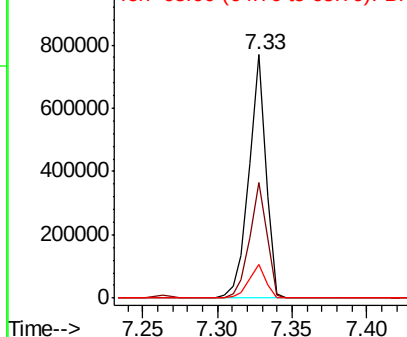


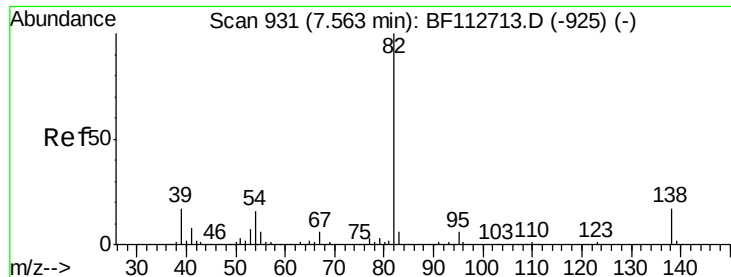
#24
 Nitrobenzene
 Concen: 40.244 ng
 RT: 7.33 min Scan# 891
 Delta R.T. 0.01 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.8	56.6
65	13.7	11.1	16.7



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





#25

Isophorone

Concen: 37.208 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1086262

Ion Ratio Lower Upper

82 100

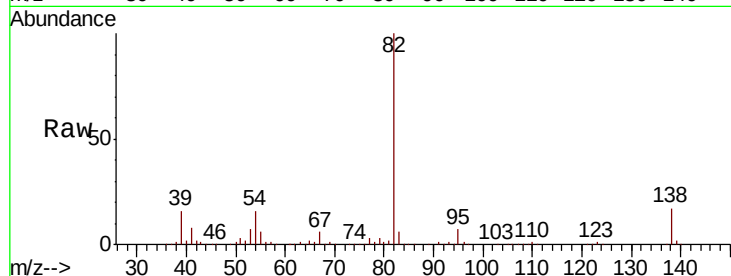
95 6.7 5.2 7.8

138 17.4 13.8 20.8

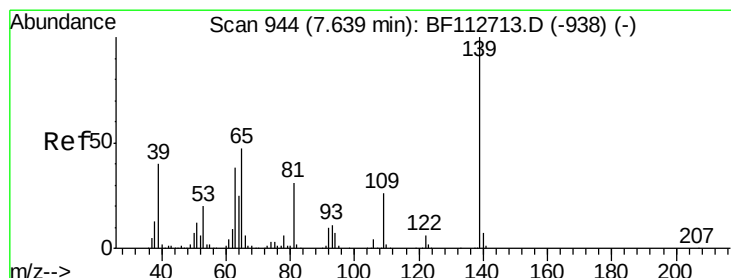
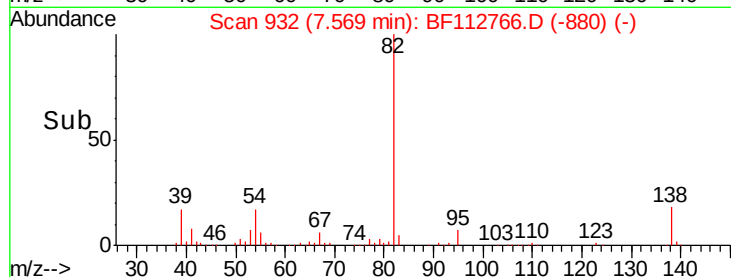
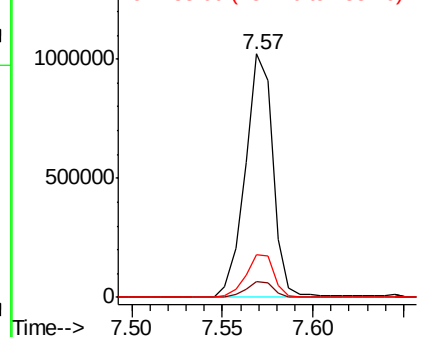
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.756 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

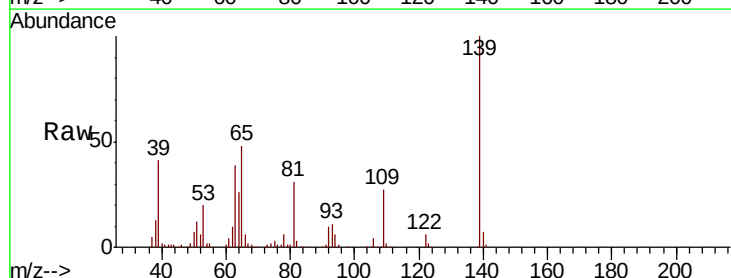
Tgt Ion: 139 Resp: 306122

Ion Ratio Lower Upper

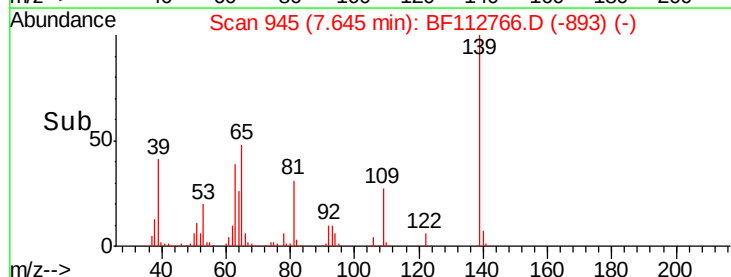
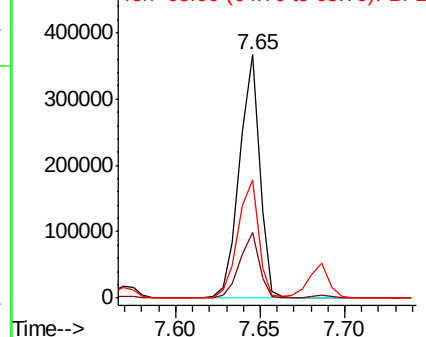
139 100

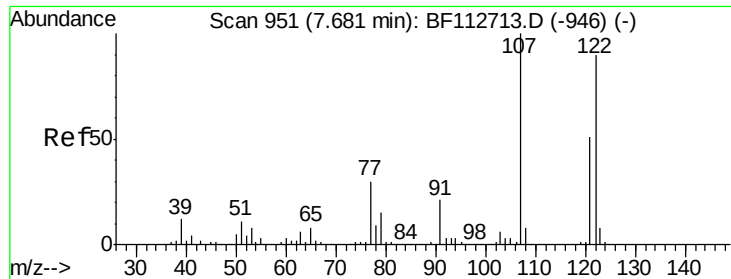
109 27.0 20.6 31.0

65 48.3 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 39.089 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Instrument :

BNA_F

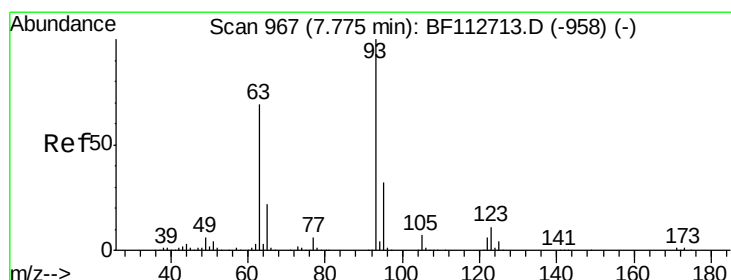
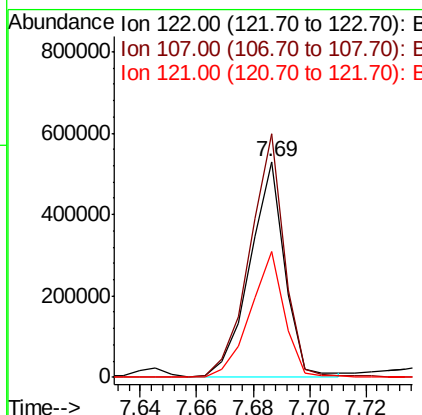
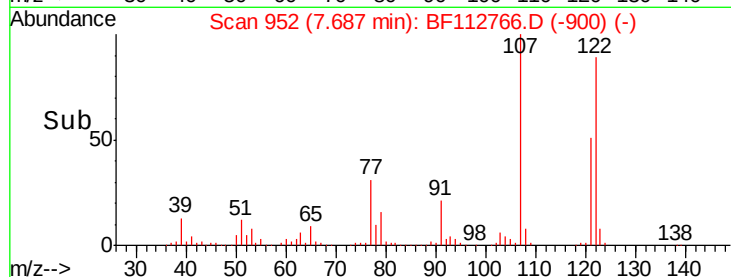
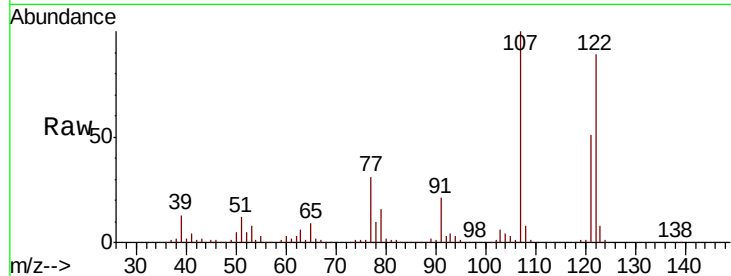
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	456592
Ion Ratio	Lower	Upper	
122	100		
107	112.8	89.4	134.0
121	58.0	45.5	68.3

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3/1/2019 3:00:06 PM



#28

bis(2-Chloroethoxy)methane

Concen: 38.735 ng

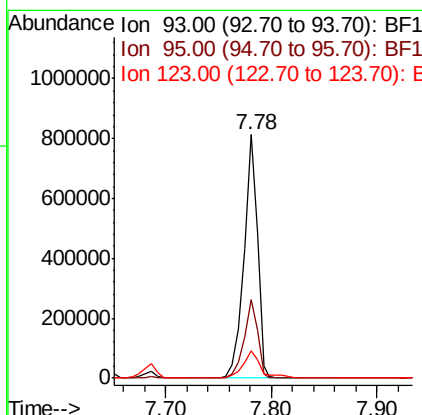
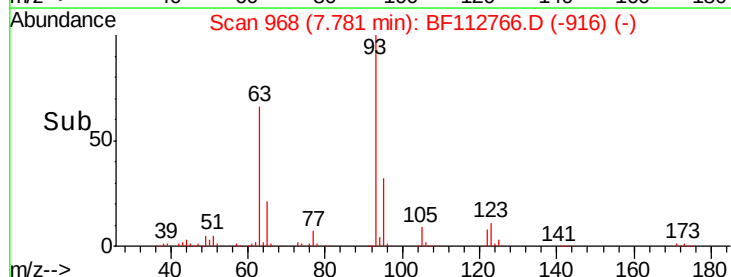
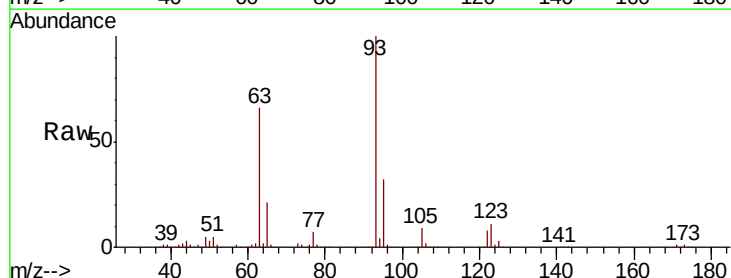
RT: 7.78 min Scan# 968

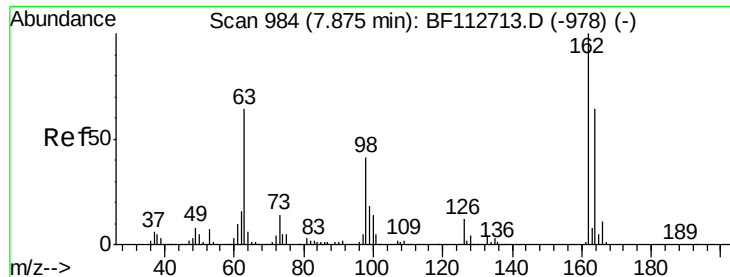
Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Tgt Ion:	93	Resp:	707035
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.0	39.0
123	11.4	9.3	13.9





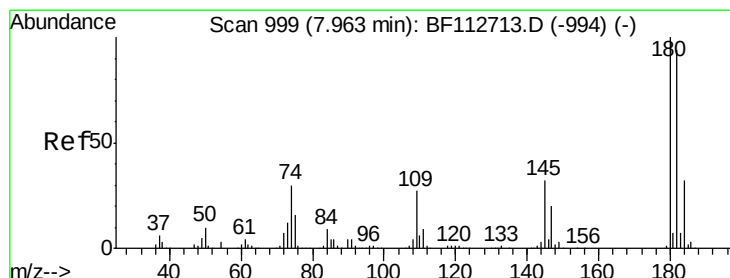
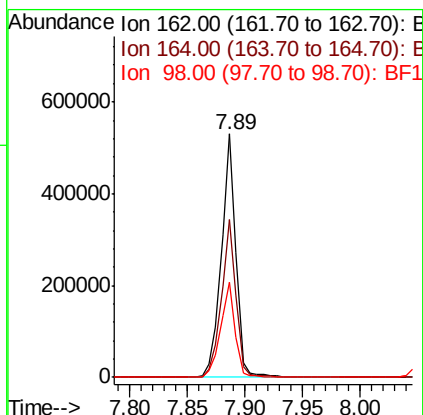
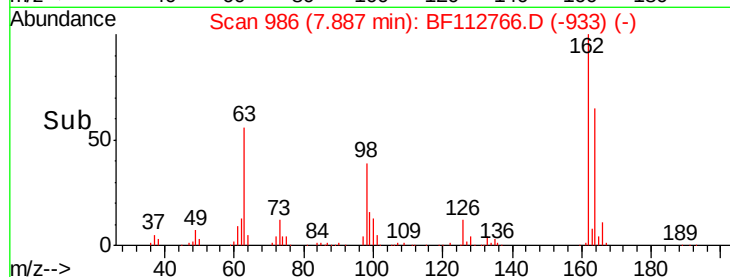
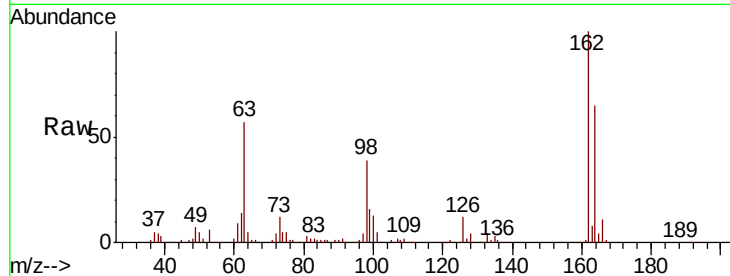
#29
2,4-Dichlorophenol
Concen: 41.259 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.0	84.0
98	38.9	20.7	60.7

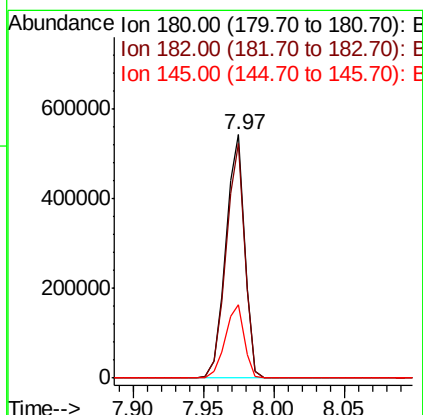
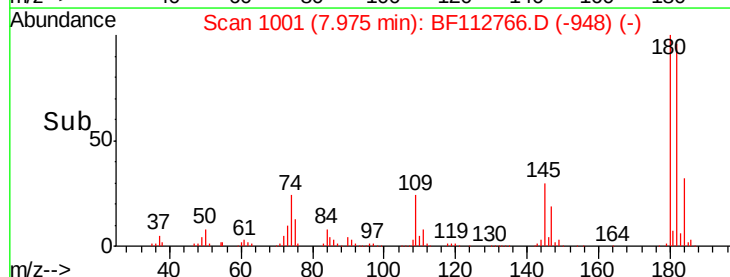
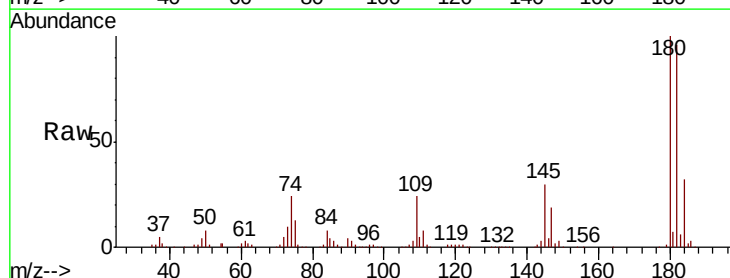
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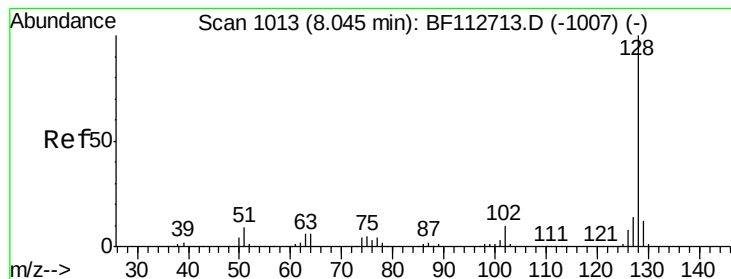
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#30
1,2,4-Trichlorobenzene
Concen: 41.258 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.2	112.8
145	30.3	25.4	38.0





#31

Naphthalene

Concen: 39.442 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1587899

Ion Ratio Lower Upper

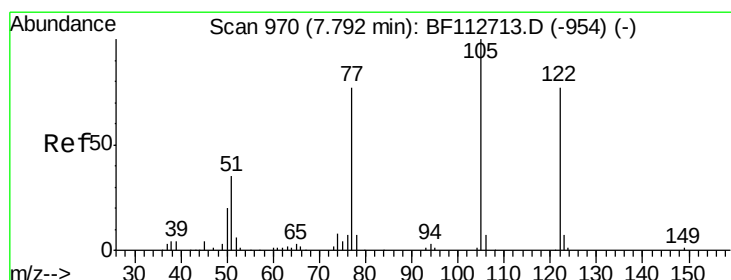
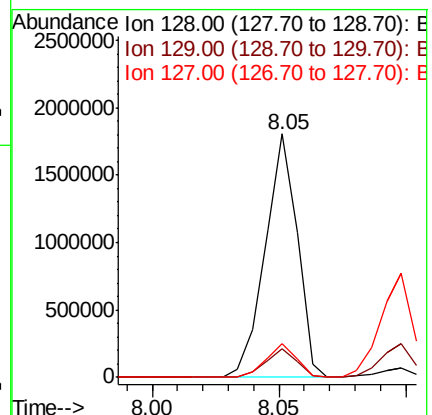
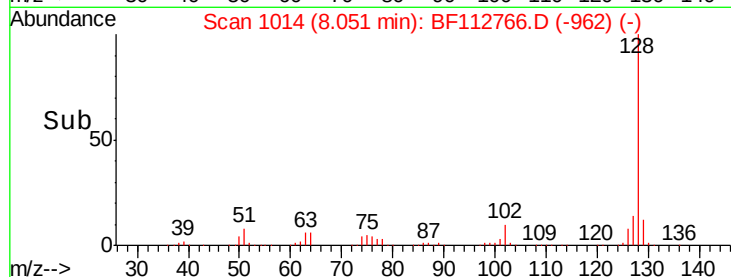
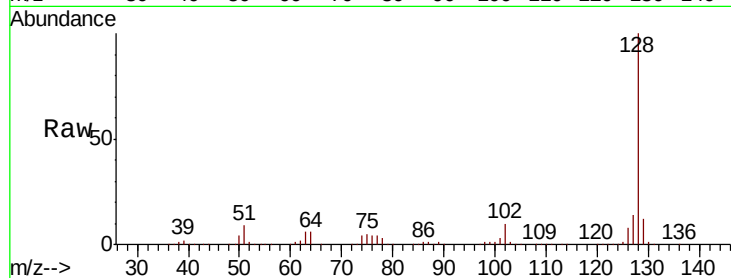
128 100

129 11.8 9.3 13.9

127 13.7 10.9 16.3

Manual Integrations
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#32

Benzoic acid

Concen: 46.013 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.02 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

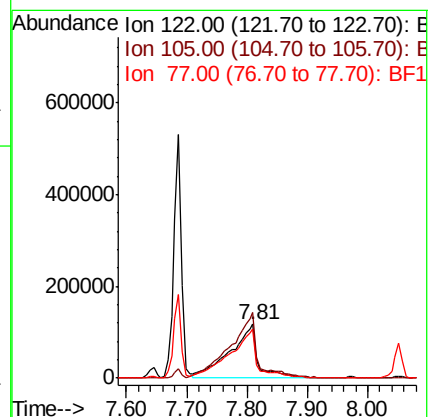
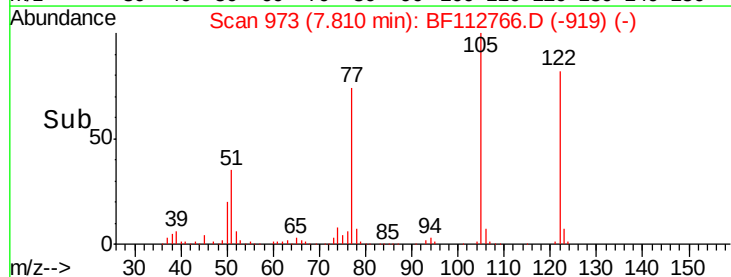
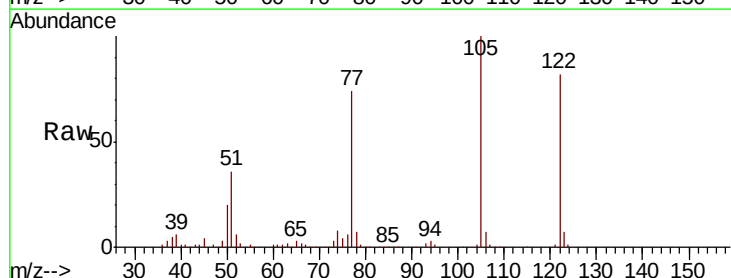
Tgt Ion:122 Resp: 376700

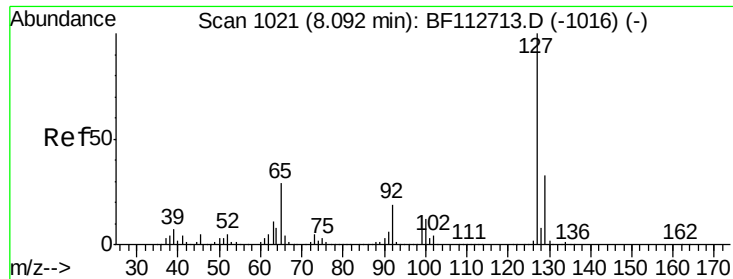
Ion Ratio Lower Upper

122 100

105 122.0 106.8 146.8

77 90.5 79.4 119.4





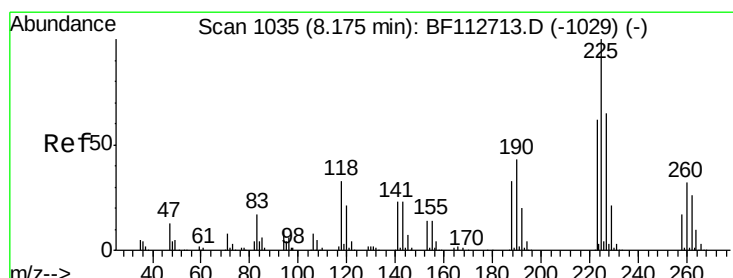
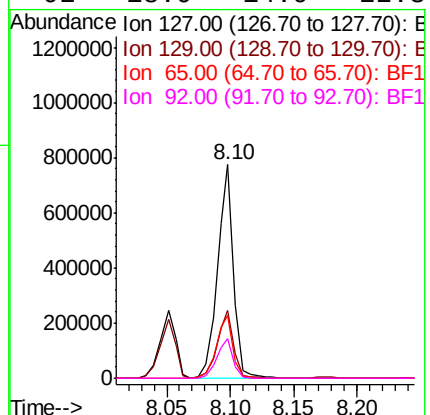
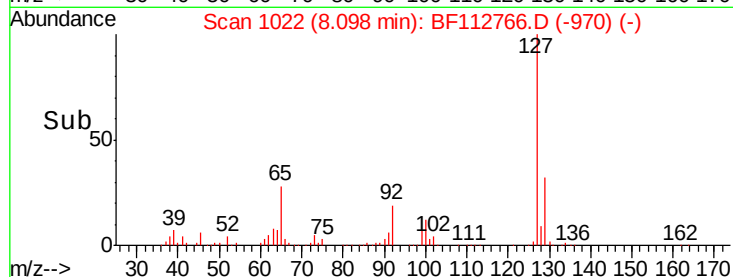
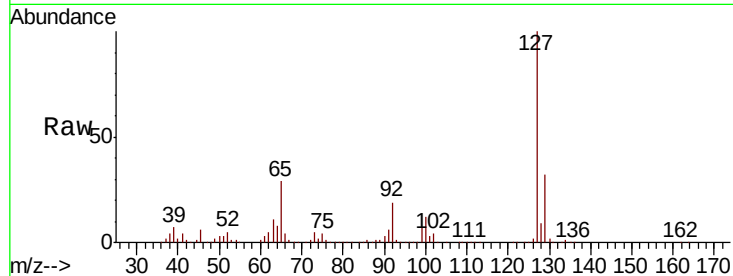
#33
4-Chloroaniline
Concen: 40.301 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.4	39.6
65	29.4	23.1	34.7
92	18.9	14.9	22.3

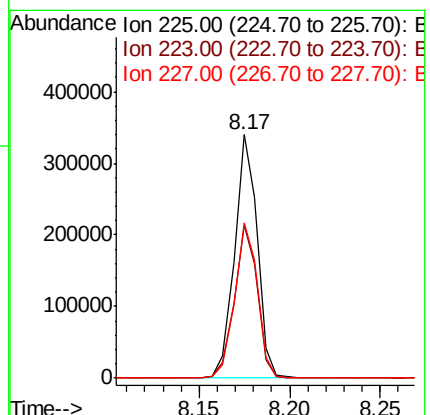
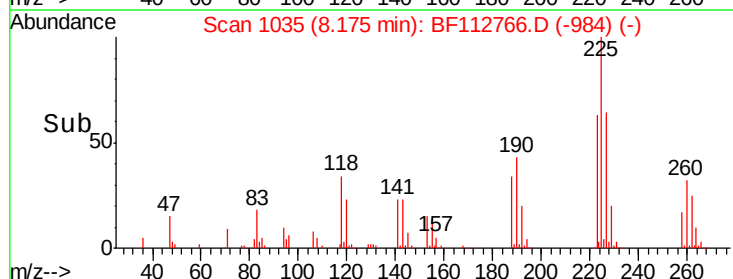
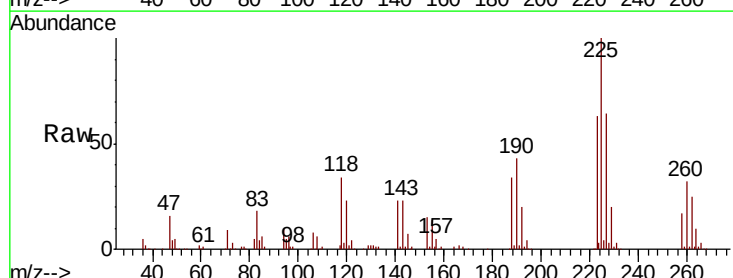
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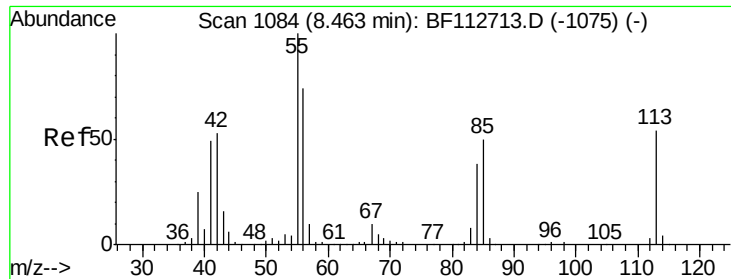
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#34
Hexachlorobutadiene
Concen: 43.038 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	63.7	52.1	78.1





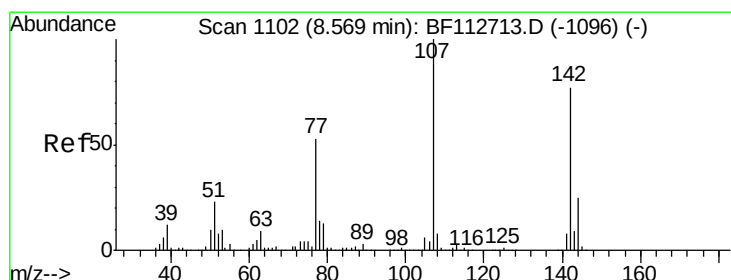
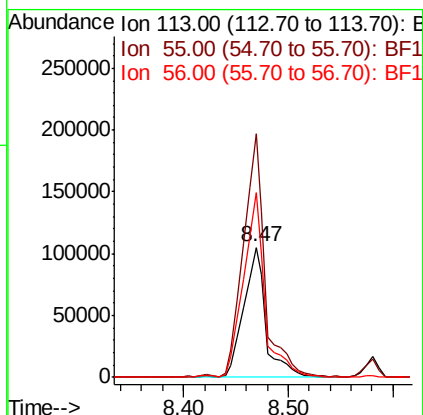
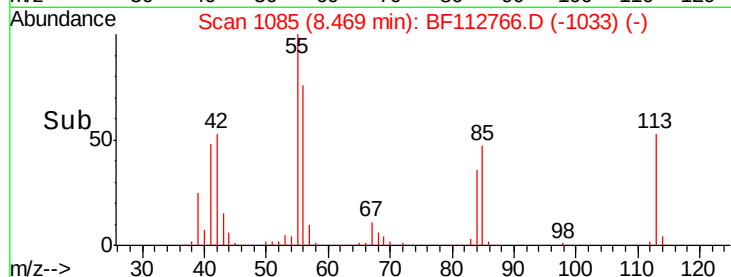
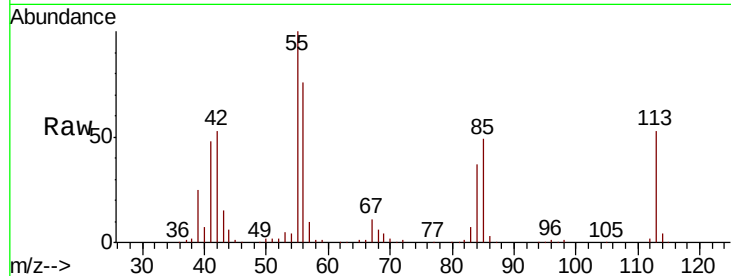
#35
Caprolactam
Concen: 39.273 ng/ml
RT: 8.47 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	187.5	163.5	203.5
56	142.6	115.3	155.3

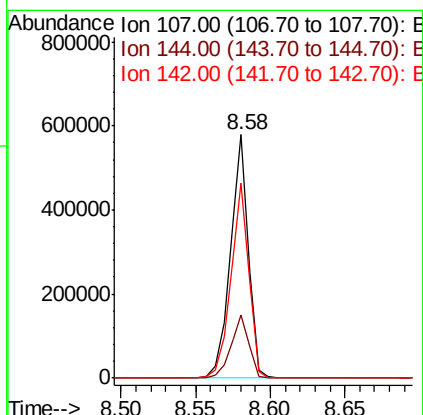
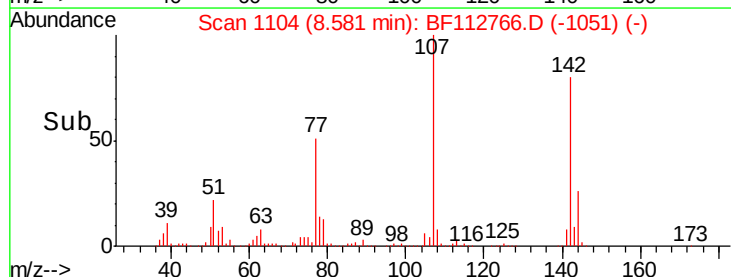
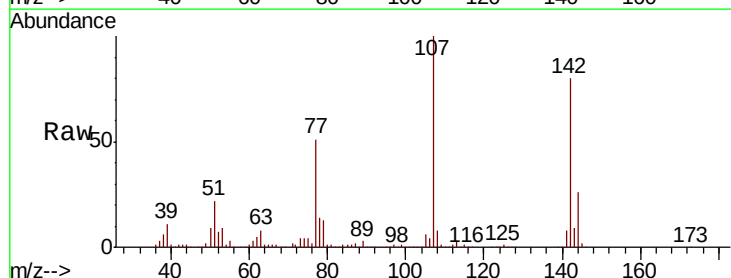
Manual Integrations
APPROVED

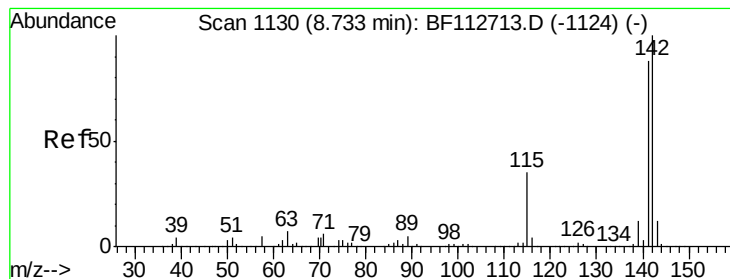
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#36
4-Chloro-3-methylphenol
Concen: 39.398 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.1	30.1
142	80.1	61.9	92.9





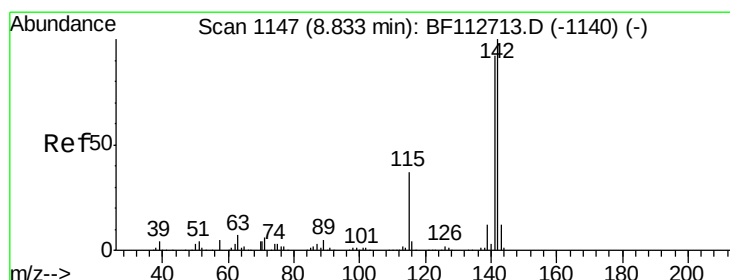
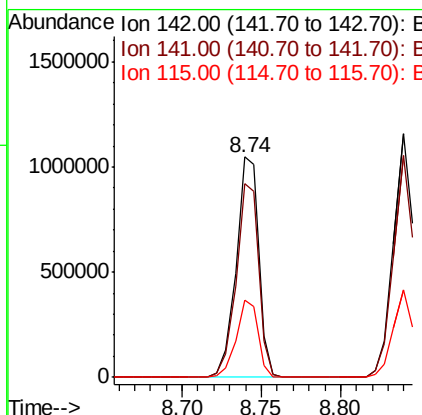
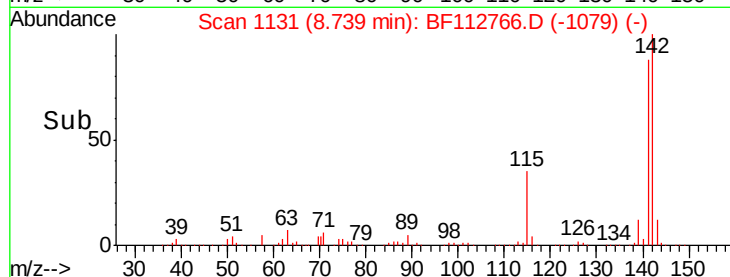
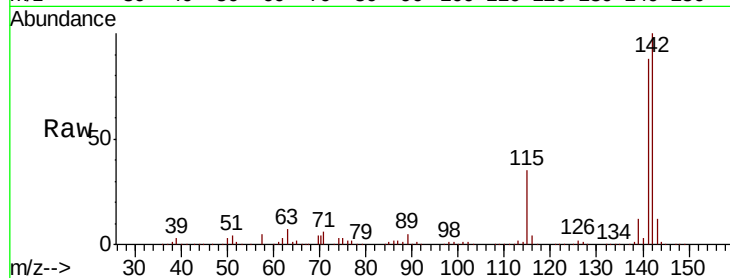
#37
2-Methylnaphthalene
Concen: 39.728 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	34.8	27.8	41.6

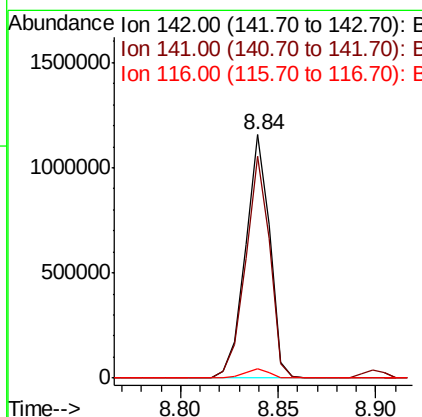
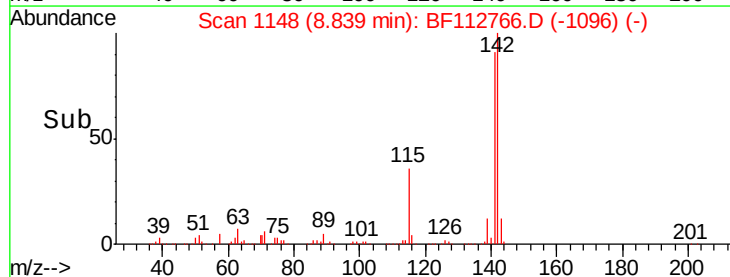
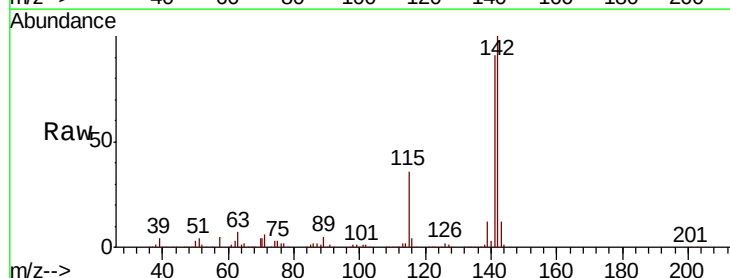
Manual Integrations
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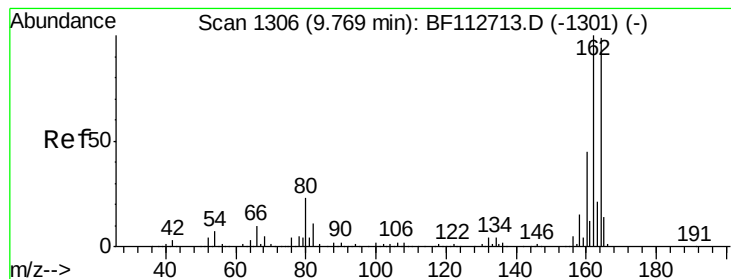
Sohil
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#38
1-Methylnaphthalene
Concen: 39.548 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.7	110.5
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Instrument :

BNA_F

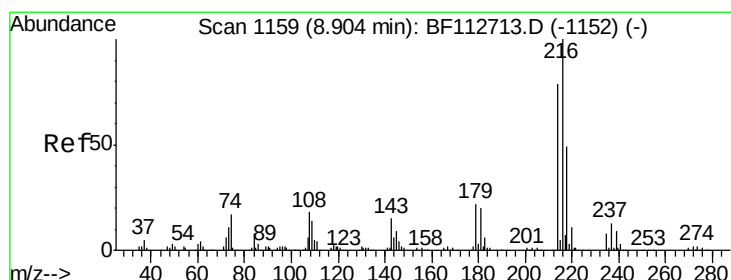
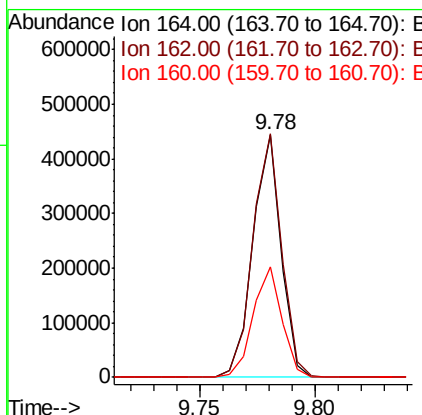
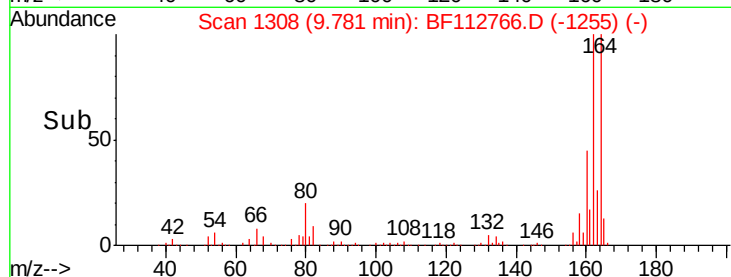
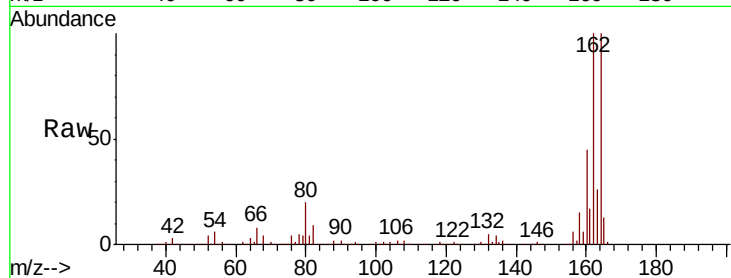
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	379853
Ion Ratio	Lower	Upper	
164	100		
162	100.3	80.6	120.8
160	45.3	36.0	54.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.206 ng

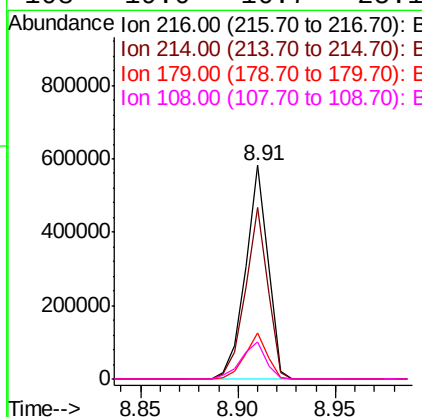
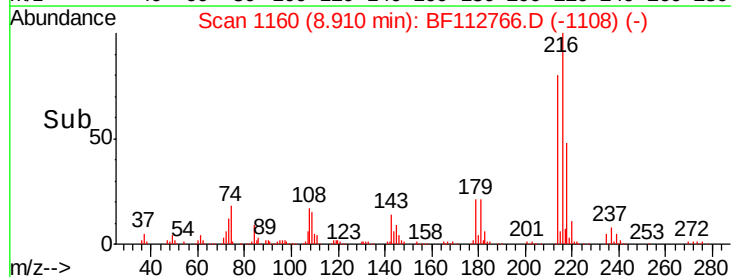
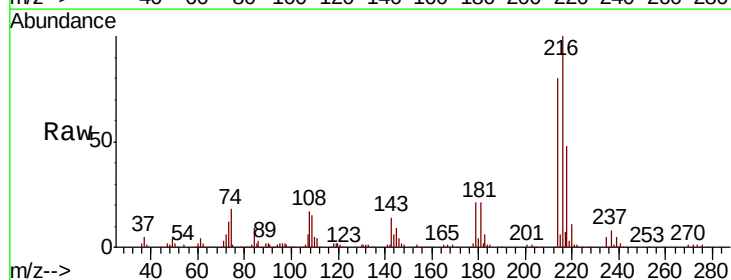
RT: 8.91 min Scan# 1160

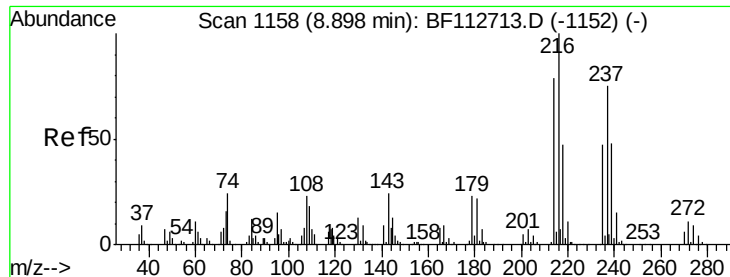
Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Tgt Ion:	216	Resp:	467517
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.2	94.8
179	21.0	17.5	26.3
108	19.0	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 44.090 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Instrument :

BNA_F

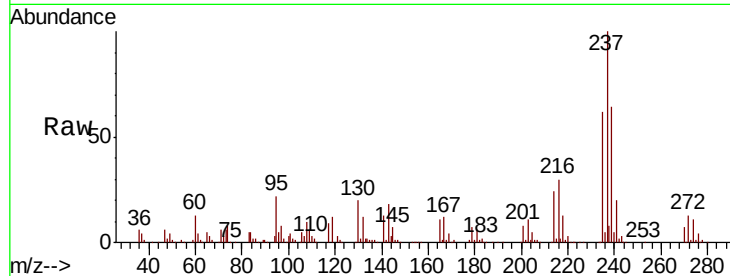
ClientSampleId :

SSTDCCC040

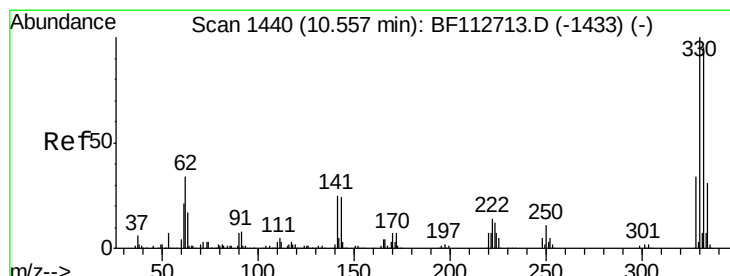
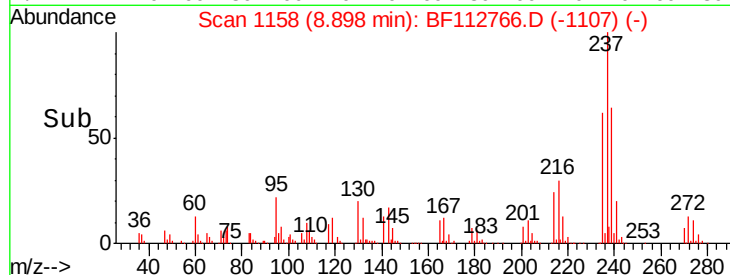
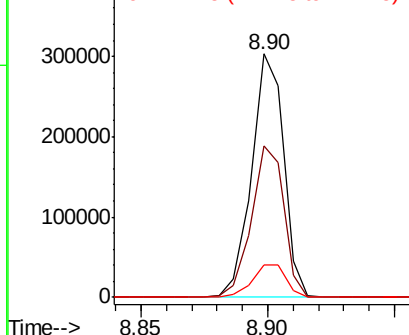
Tot Ion:	237	Resp:	267440
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.2	82.2
272	13.3	0.0	34.0

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



#42

2,4,6-Tribromophenol

Concen: 87.778 ng

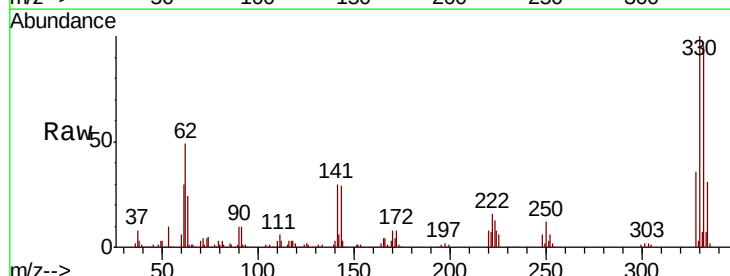
RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

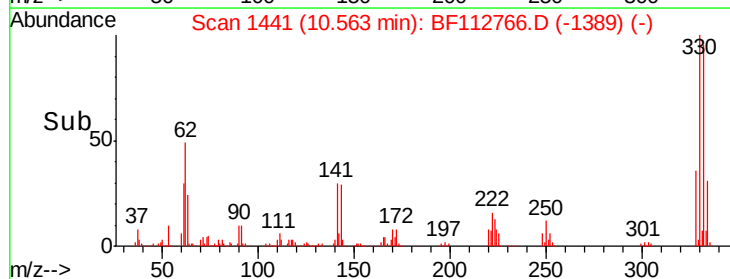
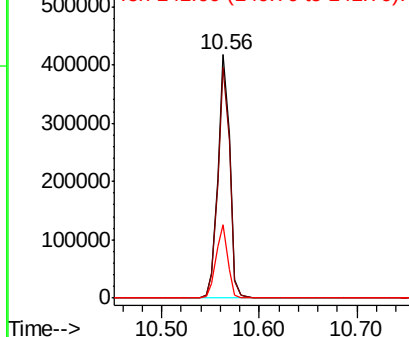
Lab File: BF112766.D

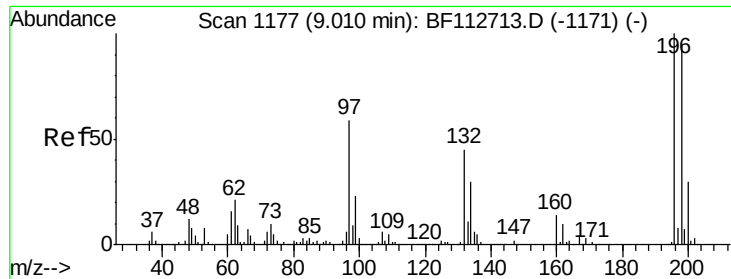
Acq: 28 Feb 2019 17:37

Tgt Ion:	330	Resp:	353975
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.2	114.4
141	30.2	27.0	40.6



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





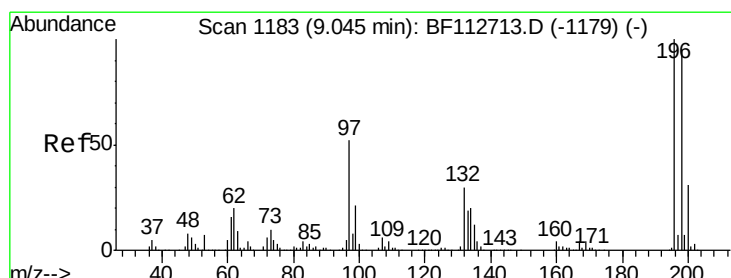
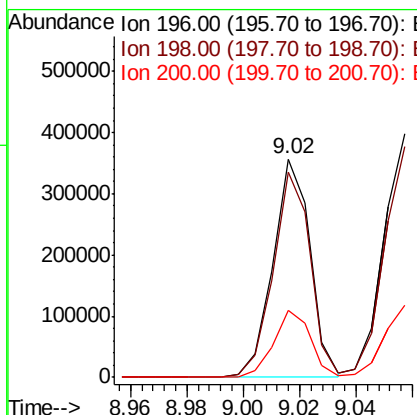
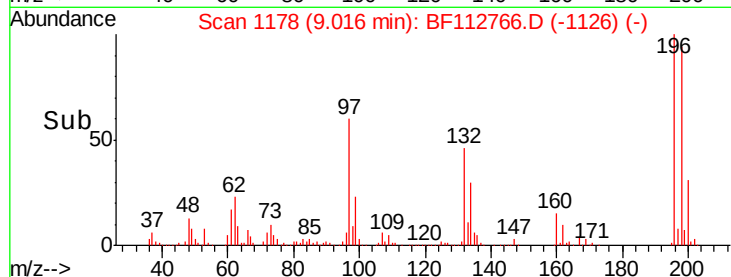
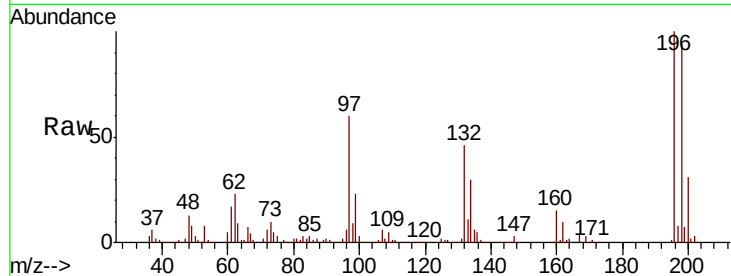
#43
 2,4,6-Trichlorophenol
 Concen: 42.656 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	325189		
198	93.7	75.8	113.8	
200	30.6	24.3	36.5	

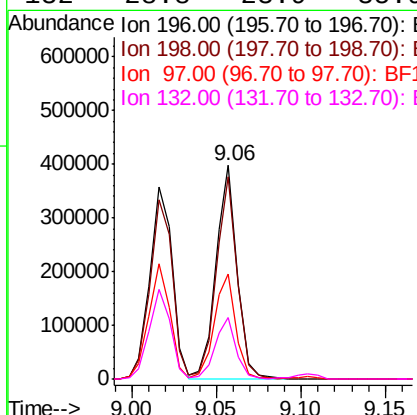
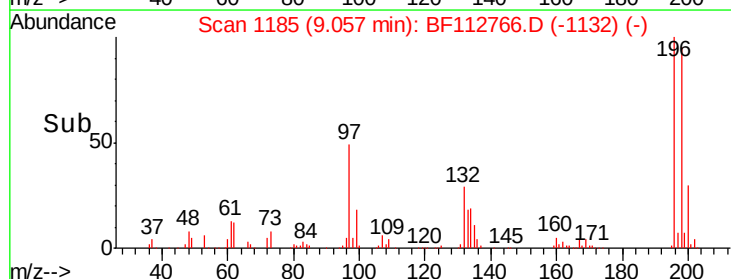
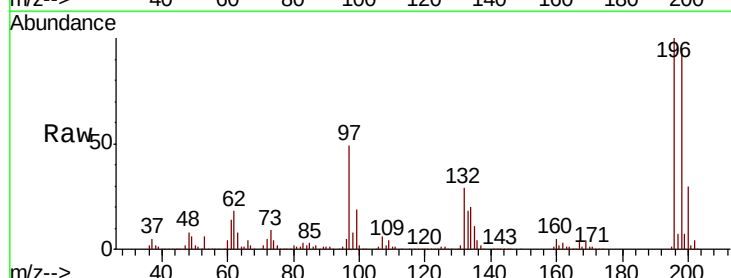
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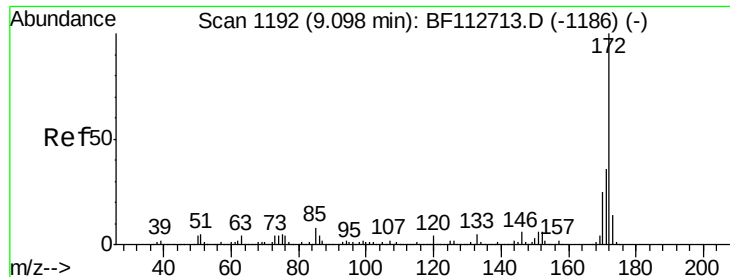
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 42.235 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	348019		
198	94.7	76.2	114.2	
97	48.9	41.5	62.3	
132	28.8	23.9	35.9	





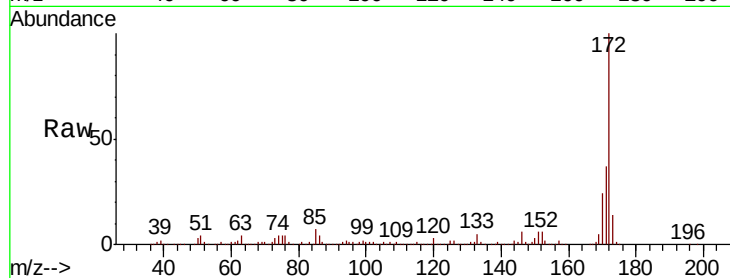
#45
2-Fluorobiphenyl
Concen: 86.561 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.4	20.0	30.0

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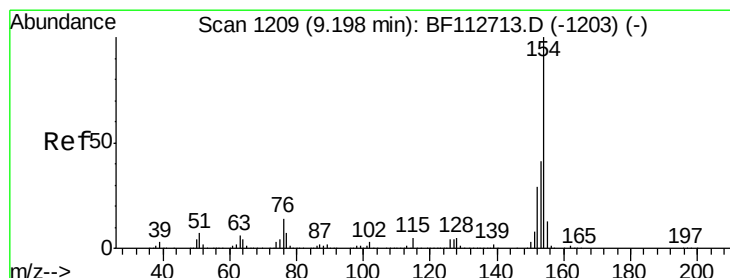
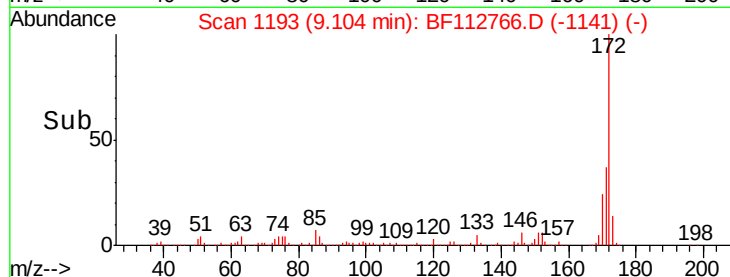
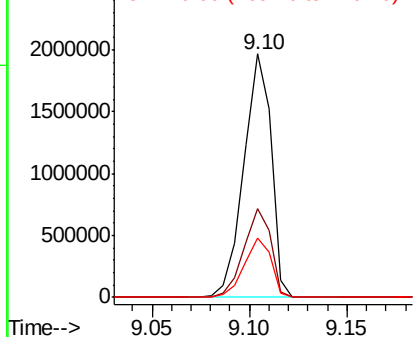


Abundance

Ion 172.00 (171.70 to 172.70): E

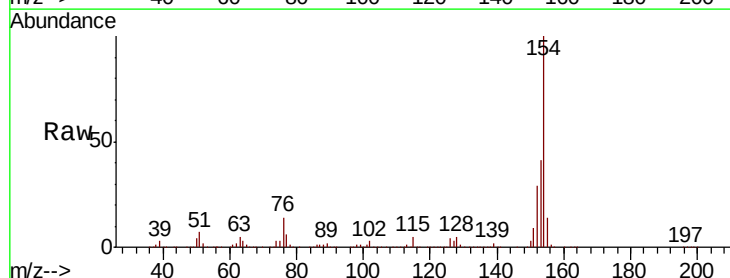
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.841 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	13.5	0.0	33.8

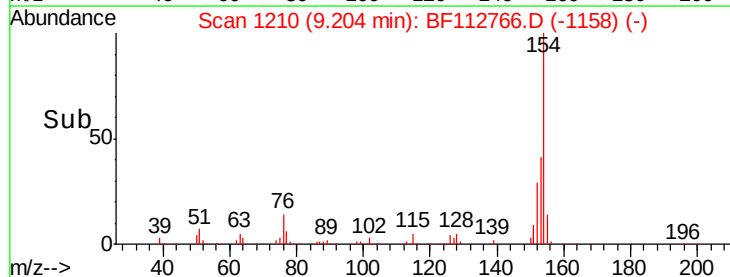
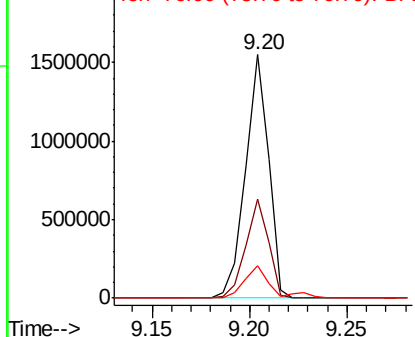


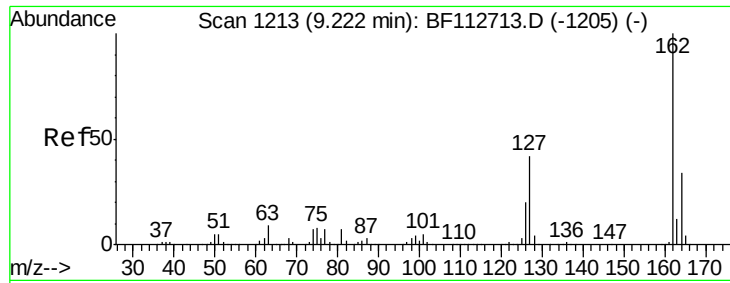
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





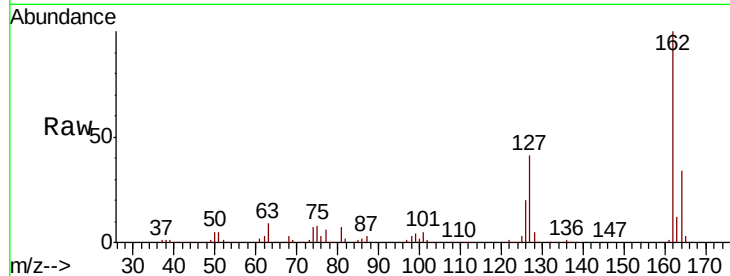
#47
 2-Chloronaphthalene
 Concen: 39.836 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

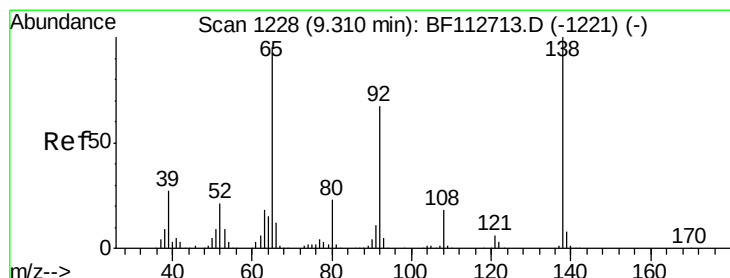
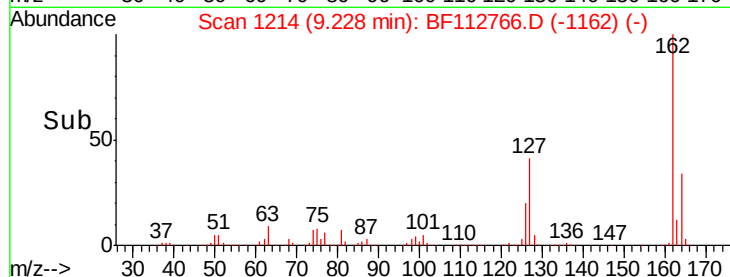
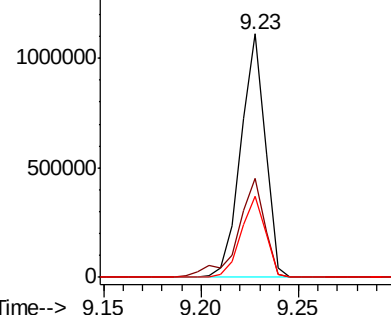
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.8	33.4	50.2
164	33.5	26.9	40.3

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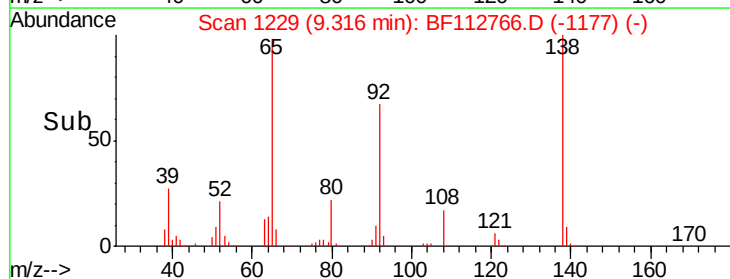
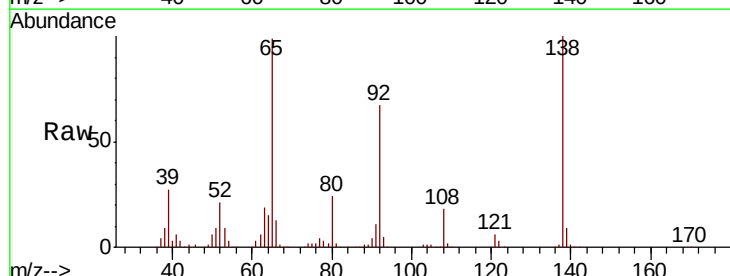
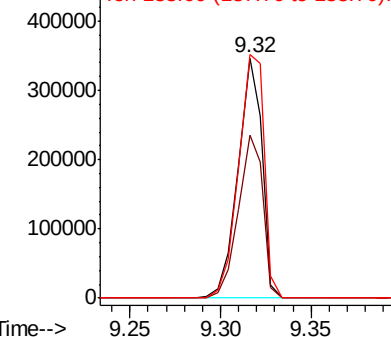
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

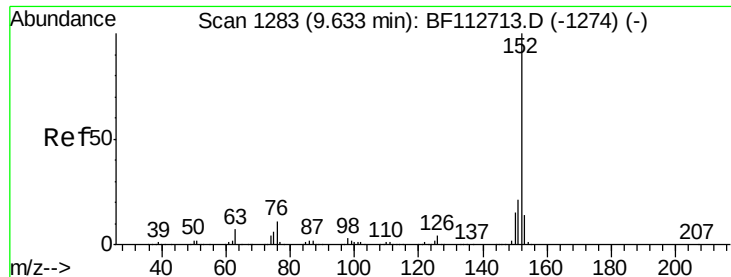


#48
 2-Nitroaniline
 Concen: 43.353 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	67.9	56.4	84.6
138	101.4	84.6	126.8

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





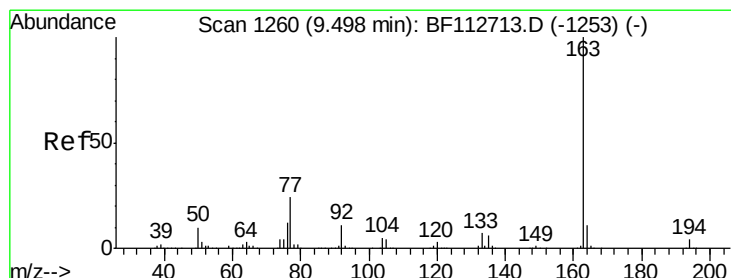
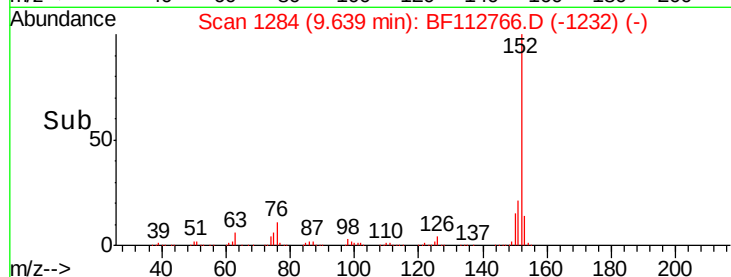
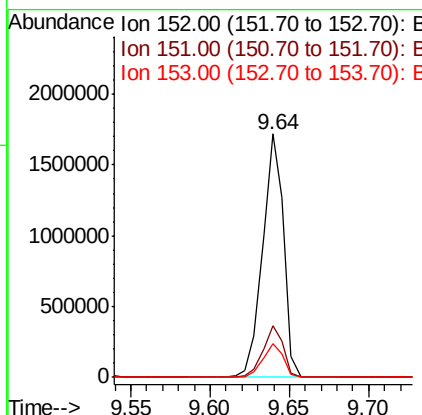
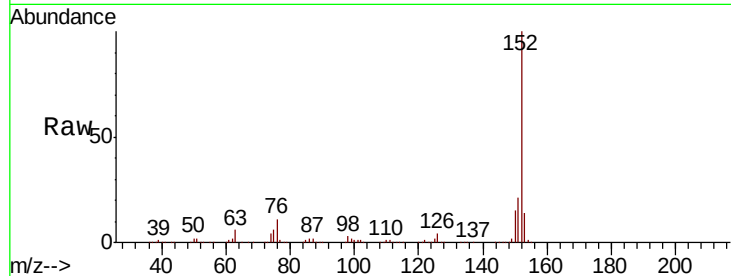
#49
Acenaphthylene
Concen: 38.752 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	14.0	11.0	16.6

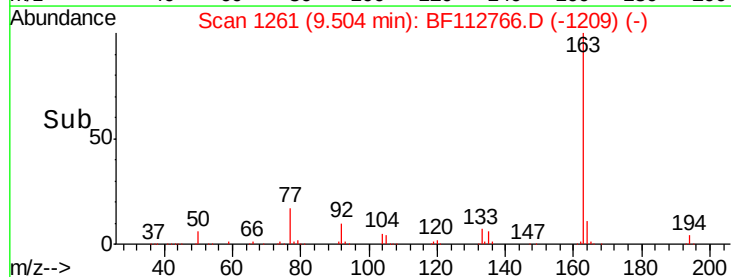
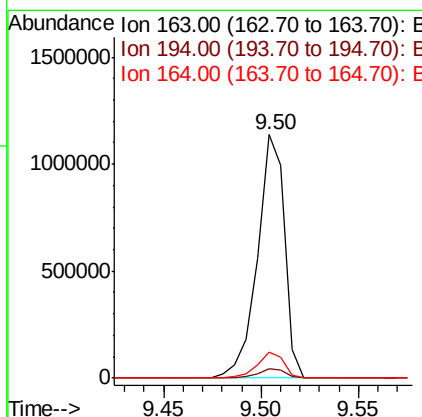
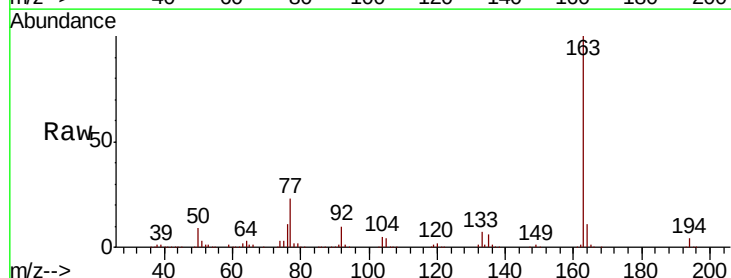
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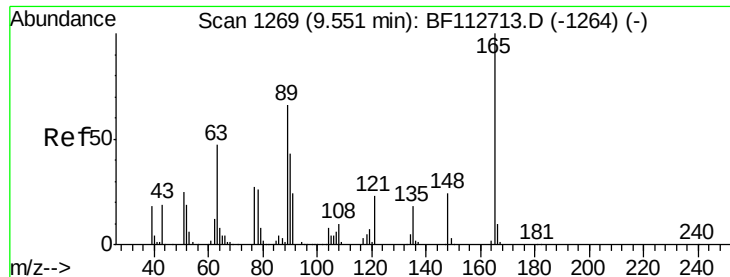
Sohil
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#50
Dimethylphthalate
Concen: 39.057 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.8	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 43.188 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Instrument :

BNA_F

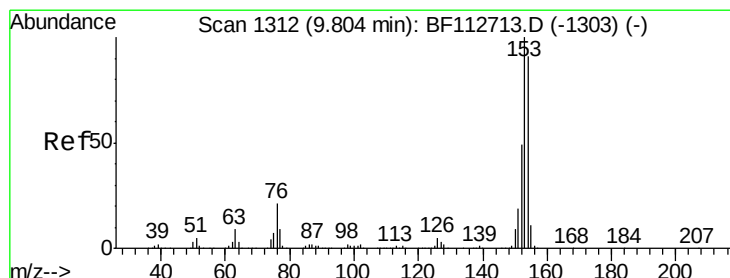
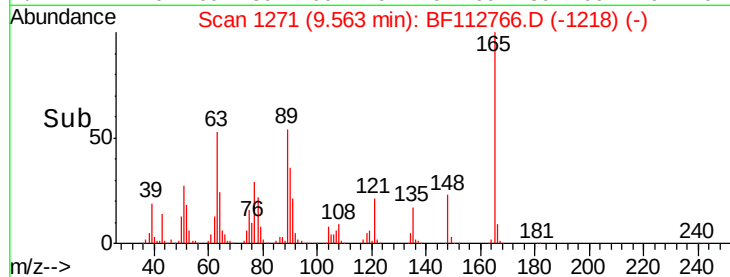
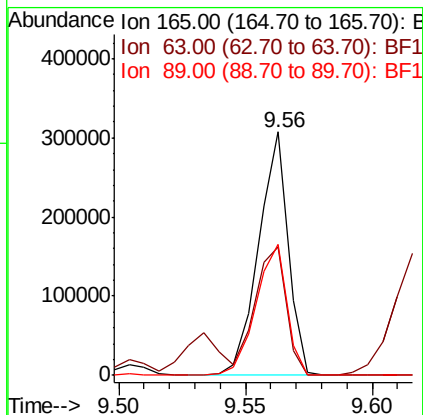
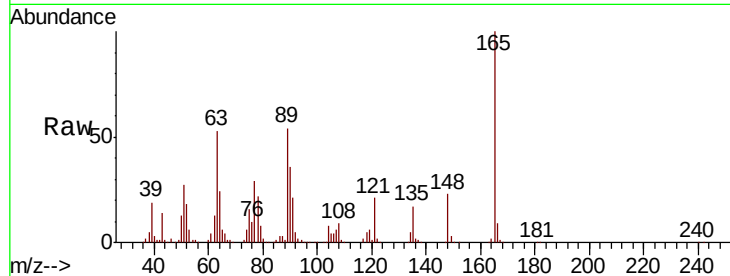
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	251891
Ion Ratio	Lower	Upper	
165	100		
63	52.5	54.1	81.1#
89	53.9	52.8	79.2

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#52

Acenaphthene

Concen: 39.537 ng

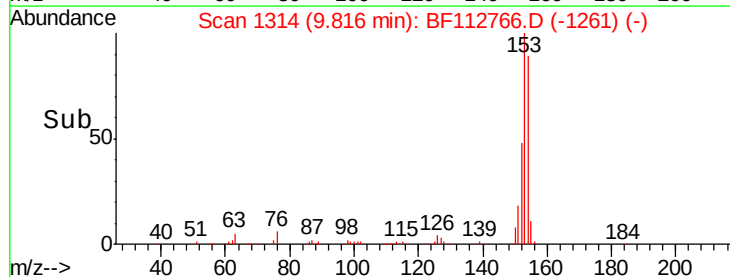
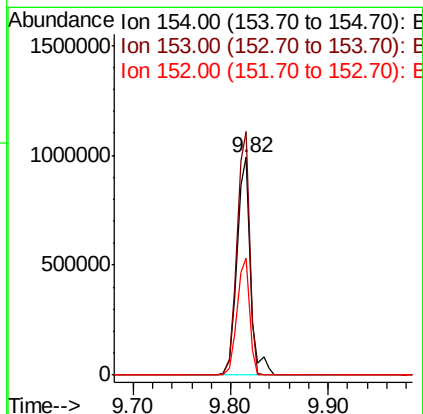
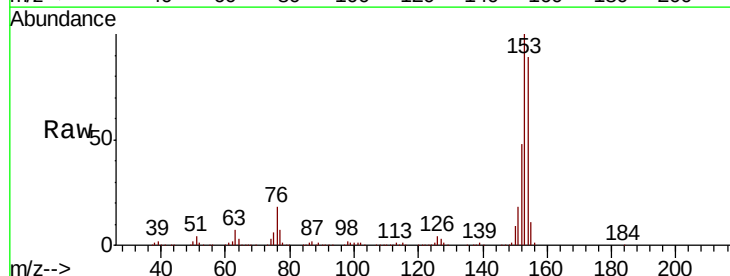
RT: 9.82 min Scan# 1314

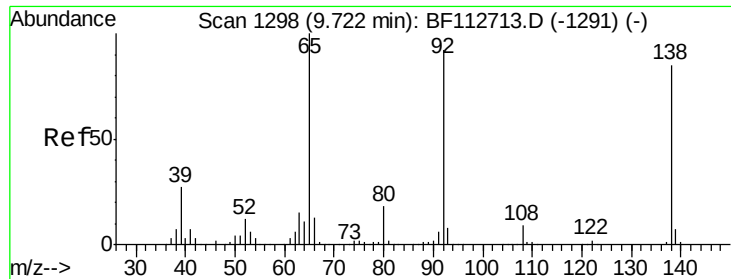
Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Tgt Ion:	154	Resp:	949598
Ion Ratio	Lower	Upper	
154	100		
153	112.0	87.8	131.8
152	53.5	43.0	64.6





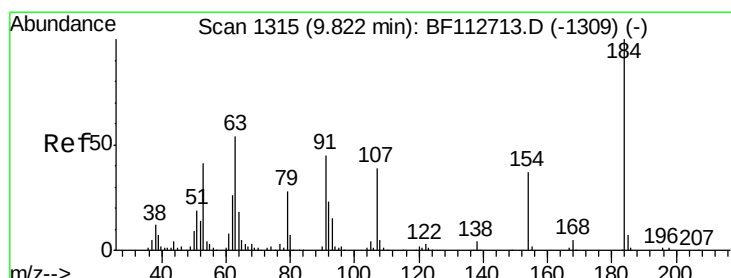
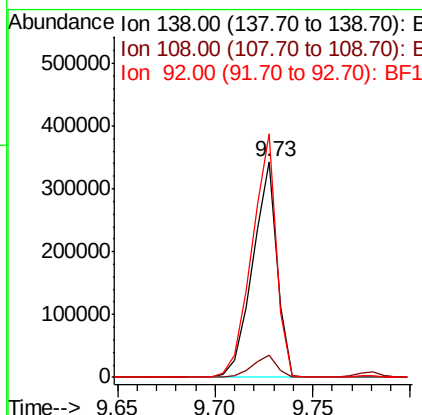
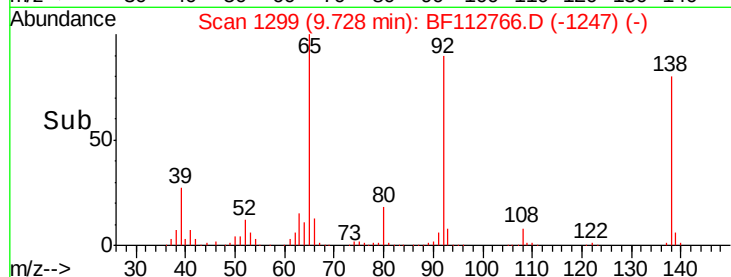
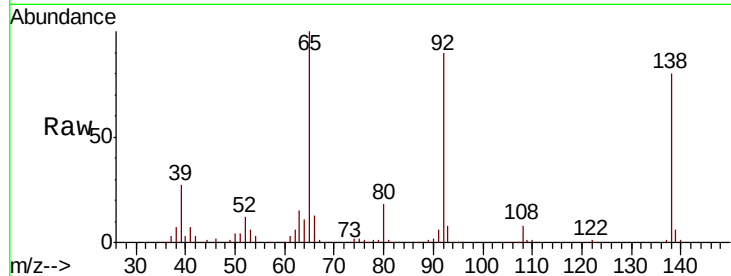
#53
3-Nitroaniline
Concen: 41.775 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	13.0
92	112.7	86.6	129.8

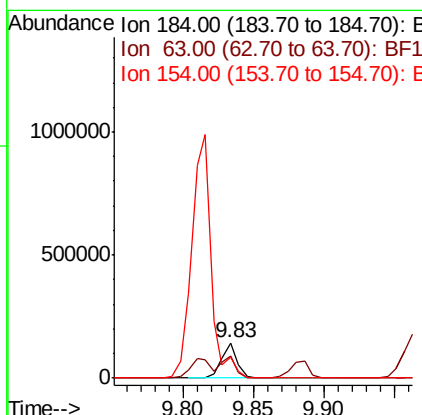
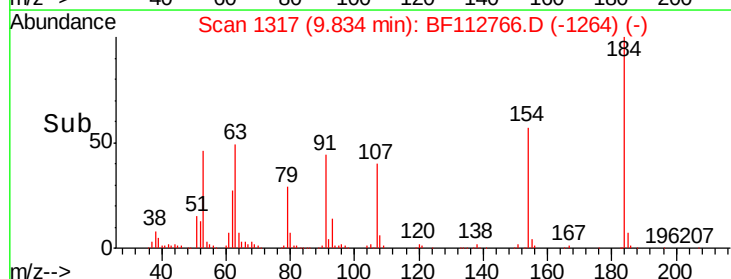
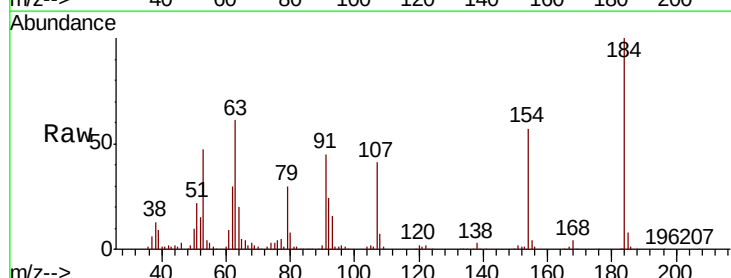
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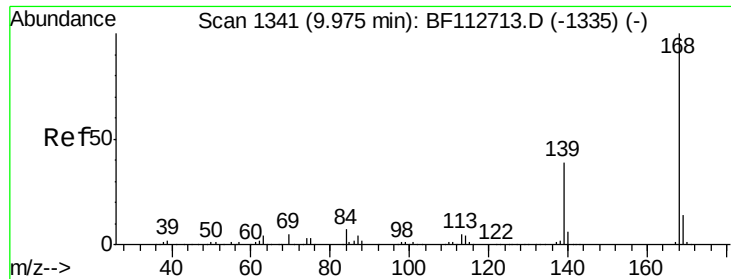
Sohil
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#54
2,4-Dinitrophenol
Concen: 48.904 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.7	45.3	67.9
154	57.3	46.0	69.0





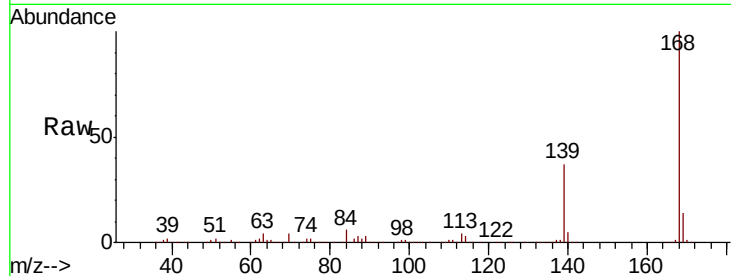
#55
Dibenzofuran
Concen: 38.549 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	31.3	46.9
169	13.9	11.3	16.9

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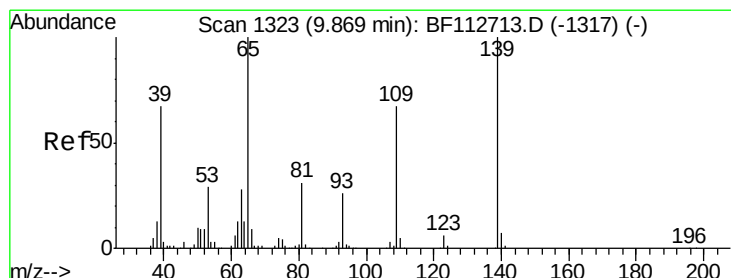
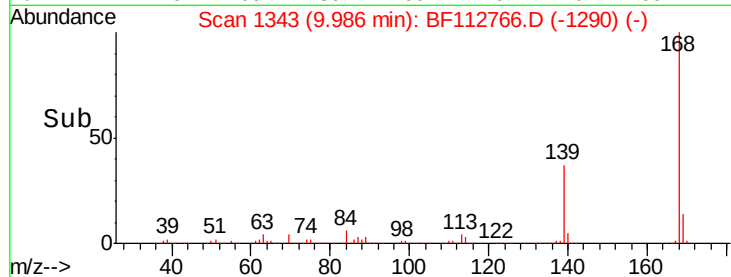
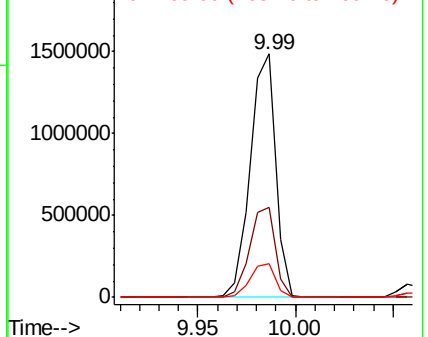


Abundance

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: 41.789 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

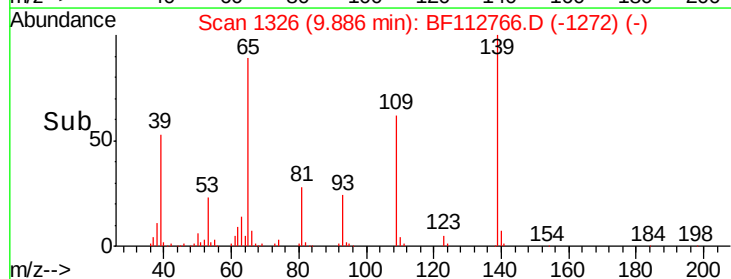
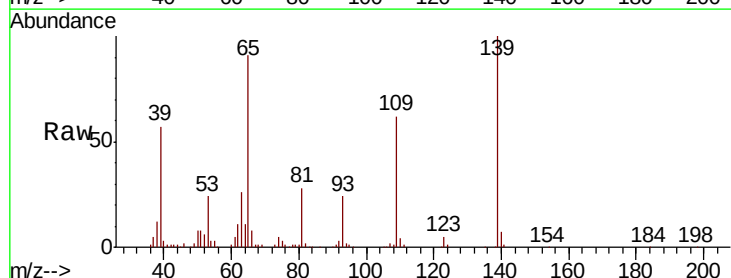
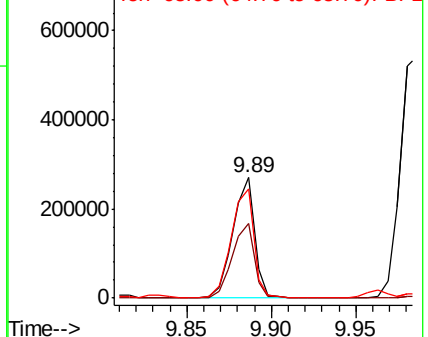
Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.2	46.8	86.8
65	90.7	80.7	120.7

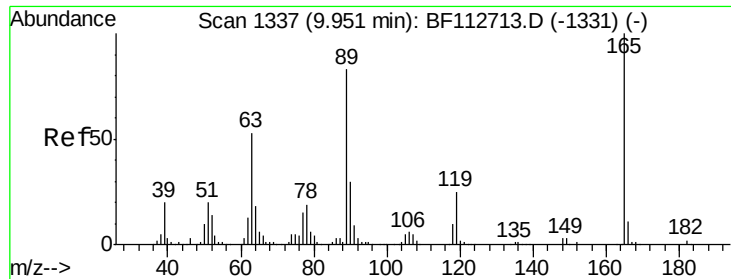
Abundance

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





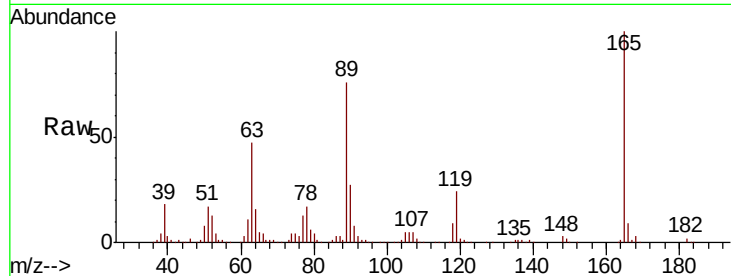
#57
2,4-Dinitrotoluene
Concen: 45.071 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

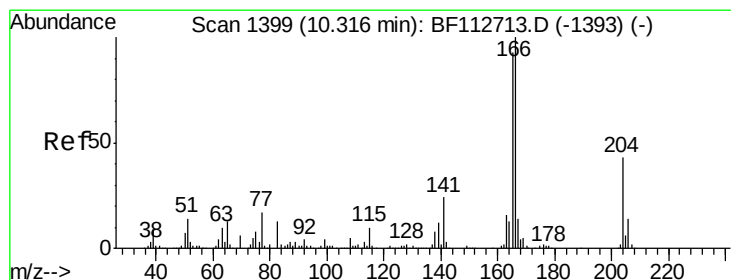
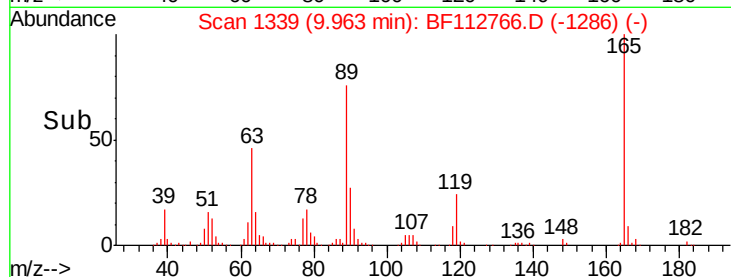
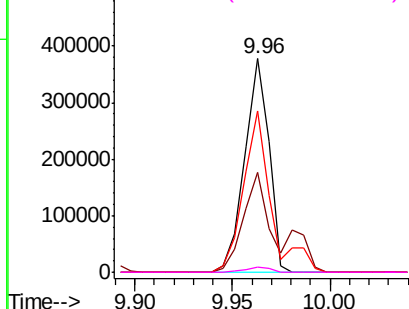
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.0	42.2	63.2	
89	75.7	66.2	99.4	
182	2.4	1.8	2.6	

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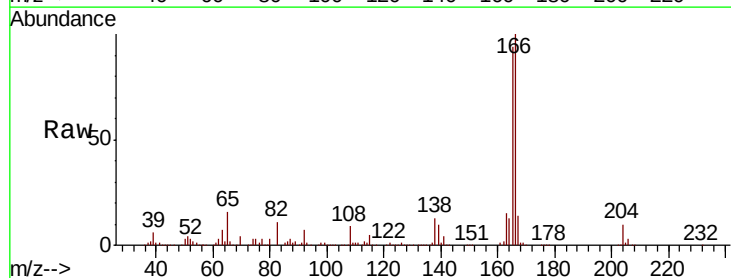


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

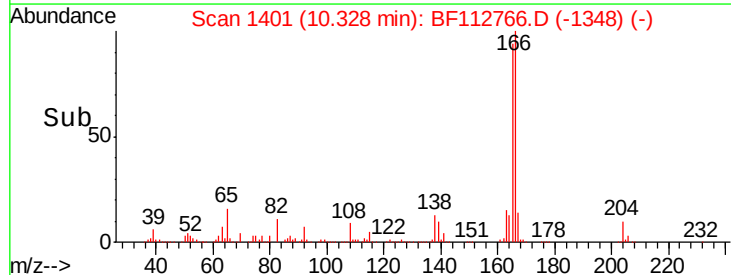
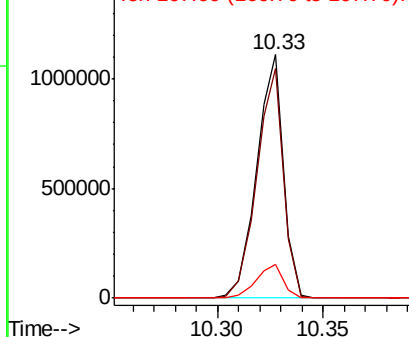


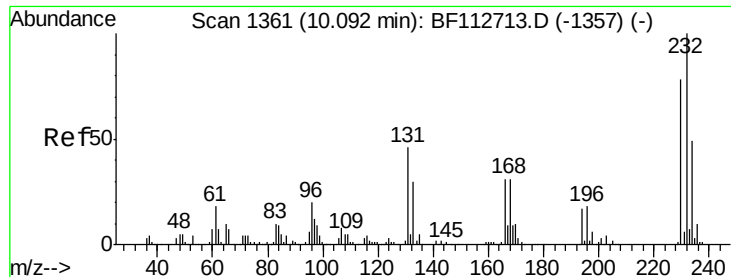
#58
Fluorene
Concen: 39.287 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.1	74.7	112.1	
167	13.7	11.0	16.6	



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





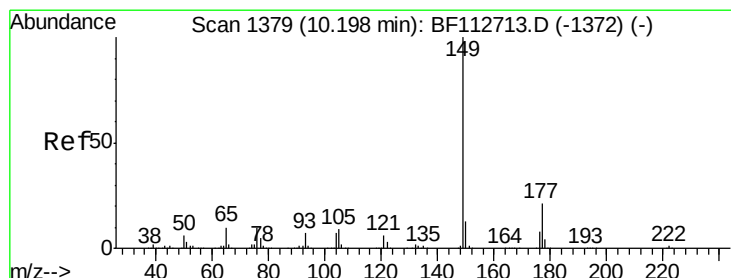
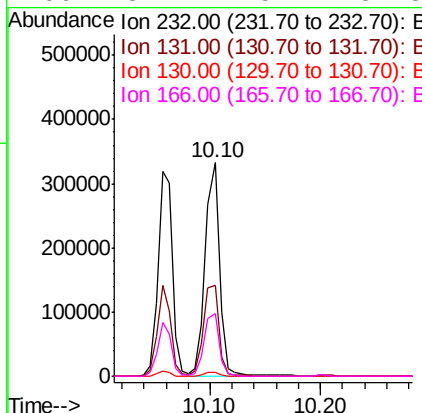
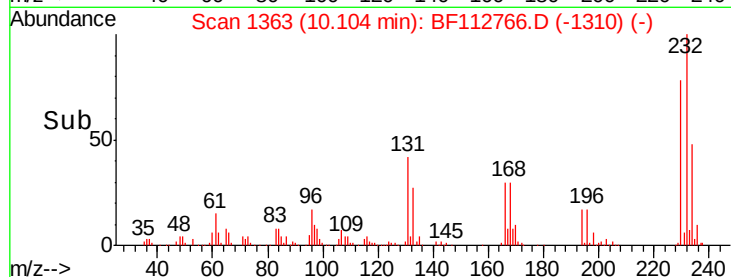
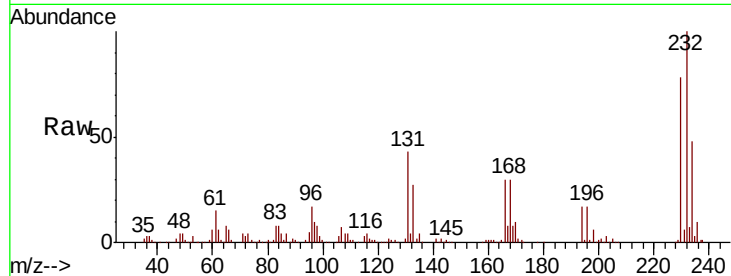
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.174 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	38.7	58.1
130	2.2	1.9	2.9
166	31.2	25.2	37.8

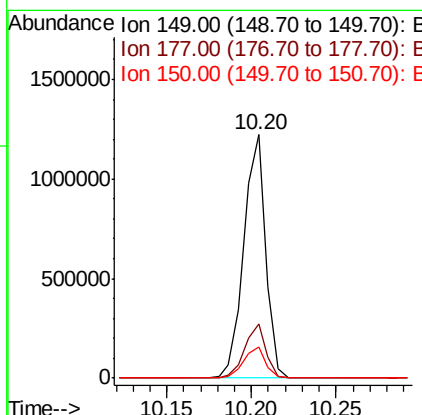
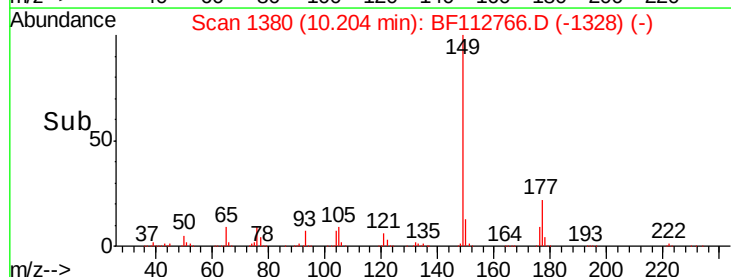
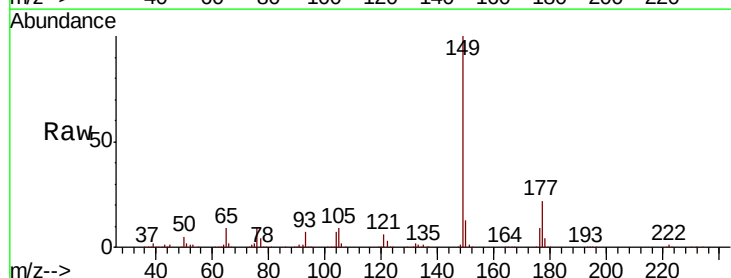
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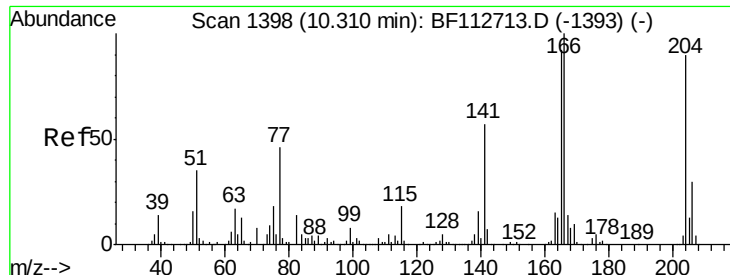
Sohil
3/1/2019 3:00:06 PM



#60
Diethylphthalate
Concen: 37.267 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.0	25.6
150	12.6	10.0	15.0





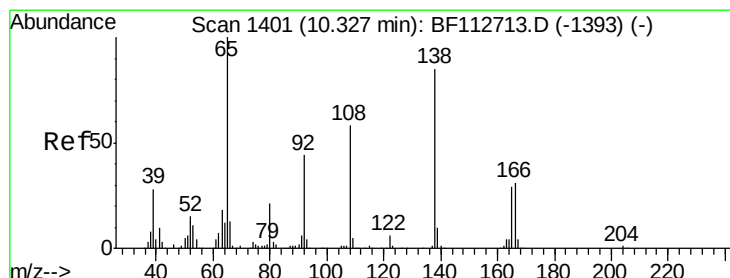
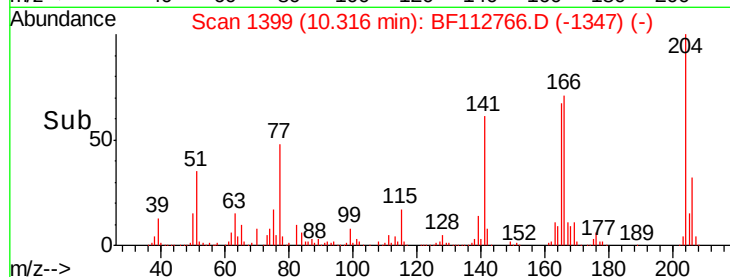
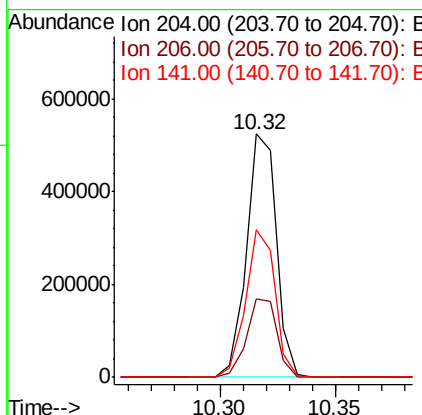
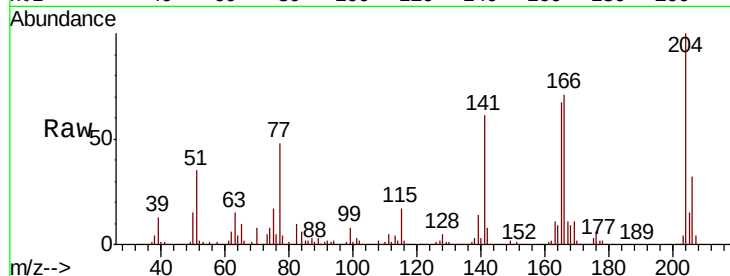
#61
 4-Chlorophenyl-phenylether
 Concen: 41.218 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	475129
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.6	40.0
141	60.7	50.8	76.2

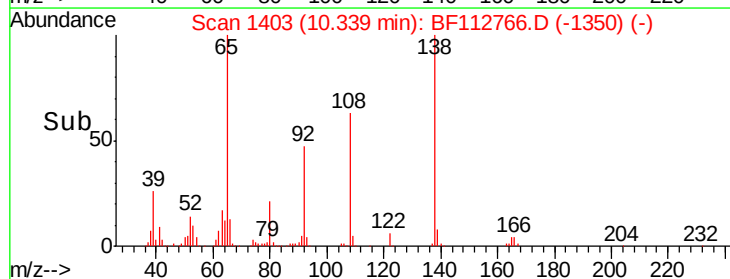
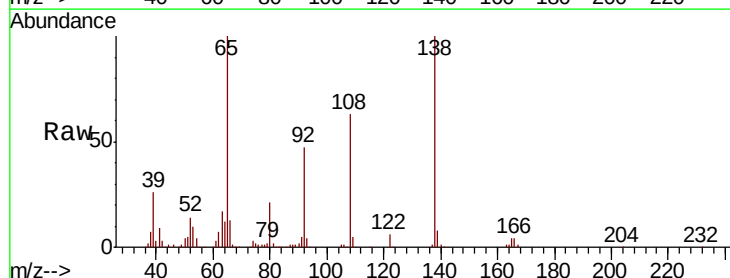
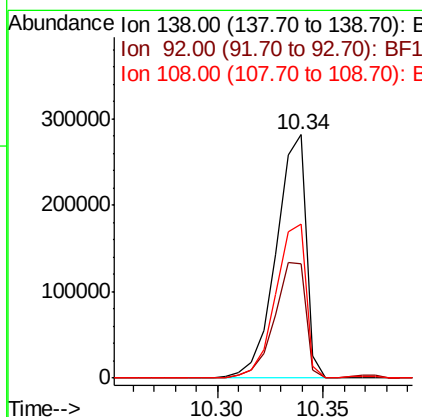
Manual Integrations
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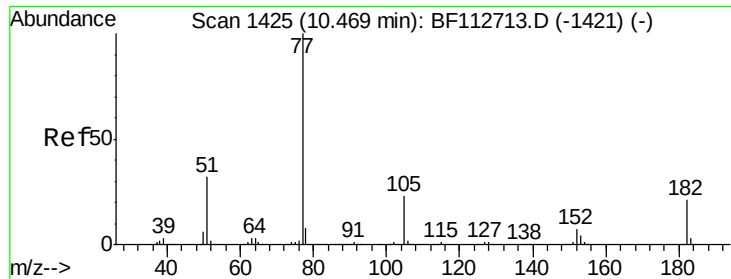
Sohil
 3/1/2019 3:00:06 PM



#62
 4-Nitroaniline
 Concen: 42.616 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Tgt Ion:	138	Resp:	279872
Ion Ratio	Lower	Upper	
138	100		
92	46.8	31.3	71.3
108	63.4	48.1	88.1





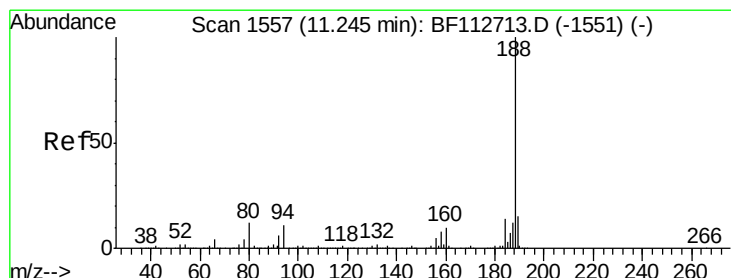
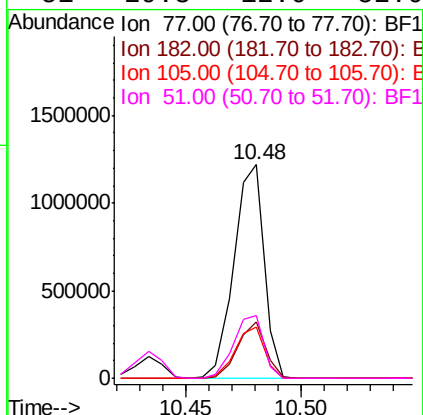
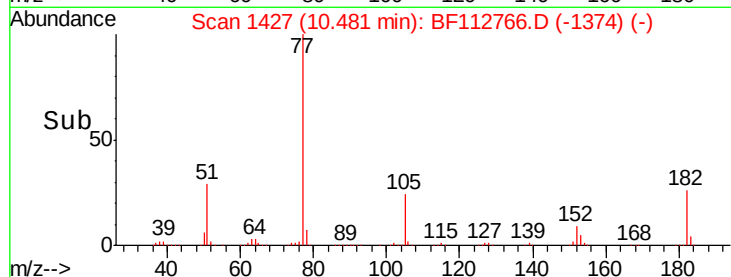
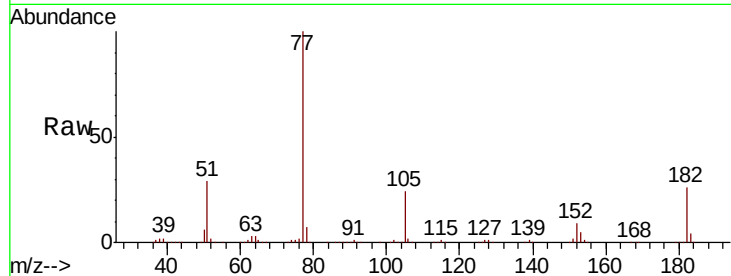
#63
Azobenzene
Concen: 36.658 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.4	1.4	41.4	
105	23.8	2.6	42.6	
51	29.3	12.0	52.0	

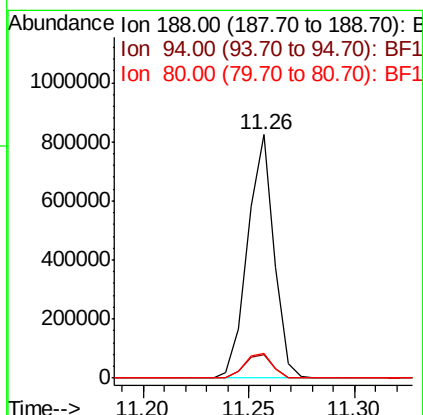
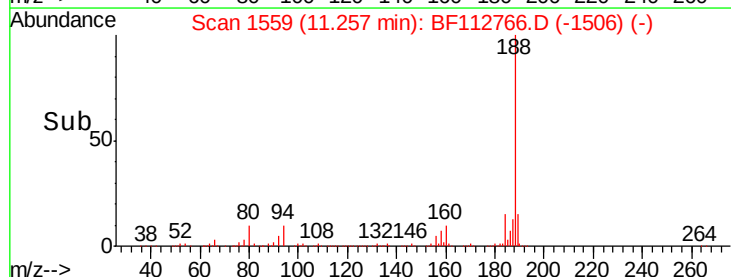
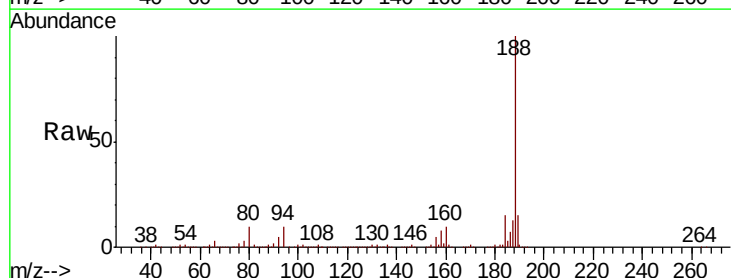
Manual Integrations
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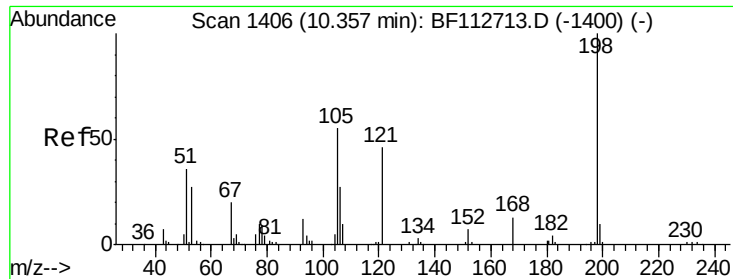
Sohil
3/1/2019 3:00:06 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	9.0	13.4	
80	10.3	9.2	13.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 46.871 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.02 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Instrument :

BNA_F

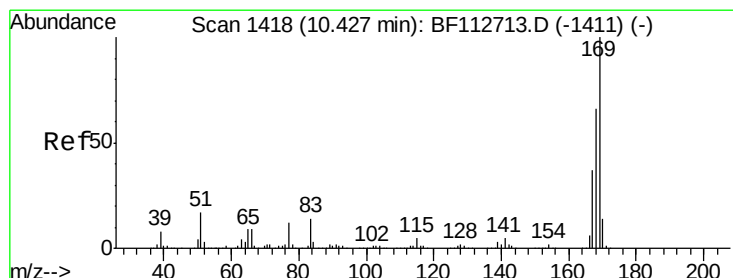
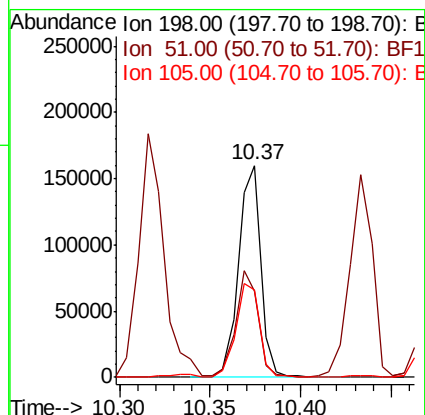
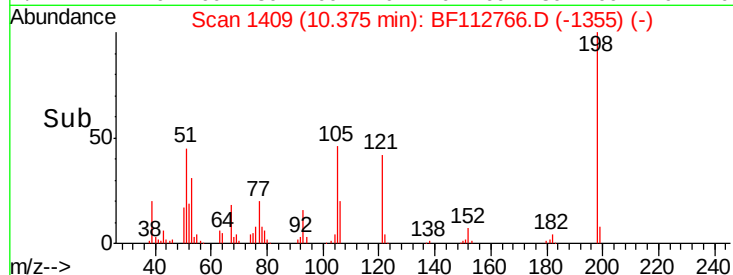
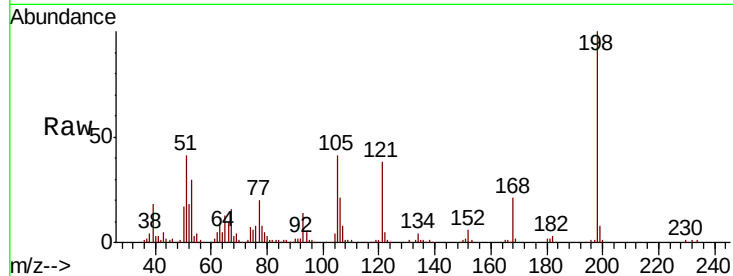
ClientSampled :

SSTDCCC040

Tot Ion:	198	Resp:	137084
Ion Ratio	Lower	Upper	
198	100		
51	40.8	43.8	83.8#
105	41.4	36.5	76.5

Manual Integrations
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3/1/2019 3:00:06 PM



#66

n-Nitrosodiphenylamine

Concen: 40.355 ng

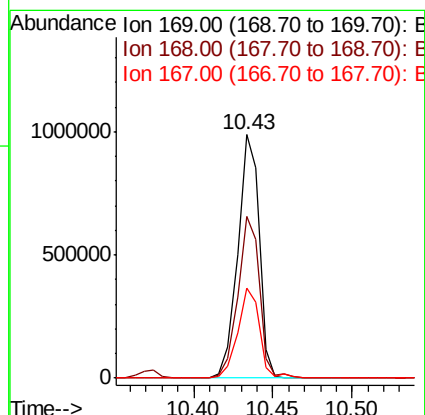
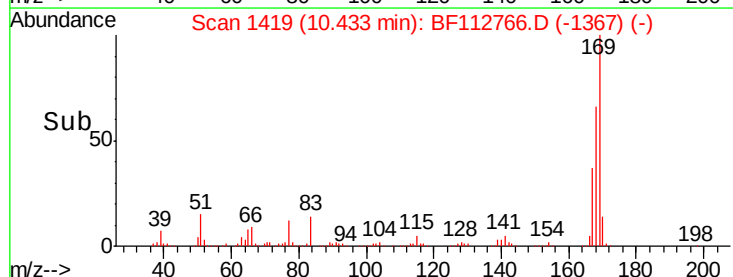
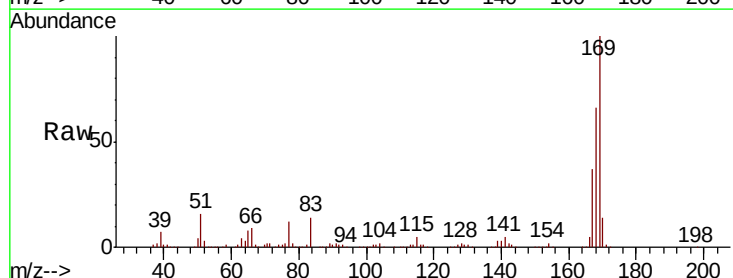
RT: 10.43 min Scan# 1419

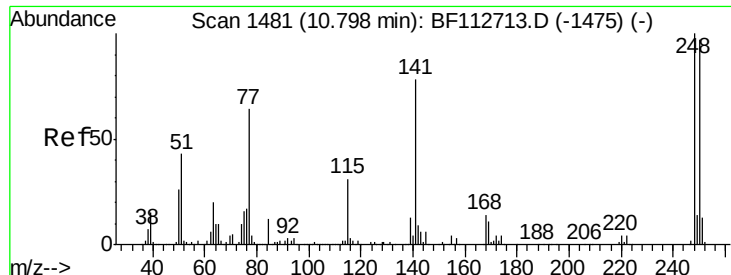
Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Tgt Ion:	169	Resp:	923597
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.0	79.6
167	36.7	29.3	43.9





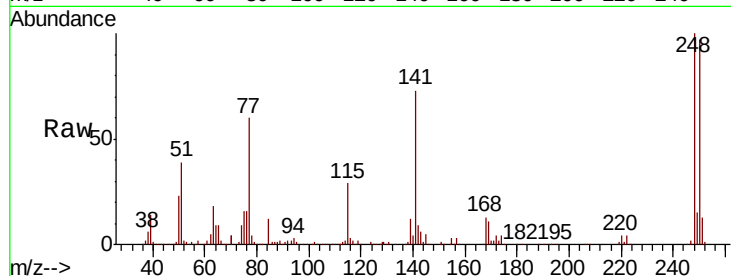
#67
 4-Bromophenyl-phenylether
 Concen: 42.849 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.5	116.3
141	73.1	62.4	93.6

Manual Integrations
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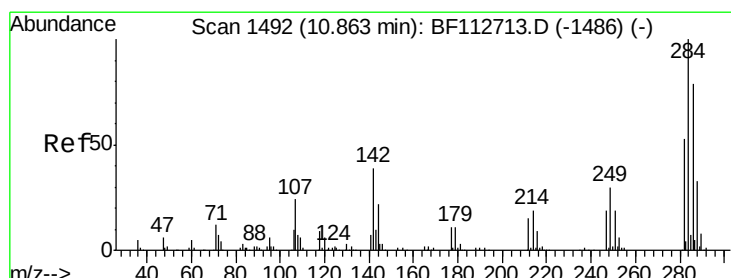
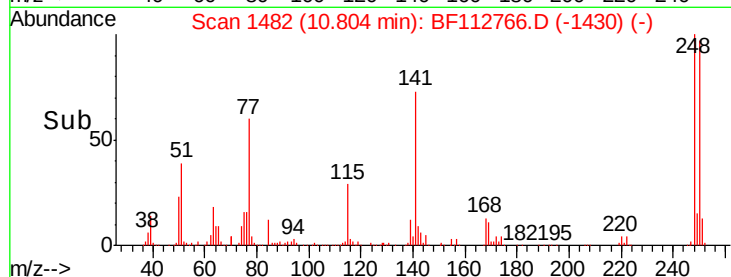
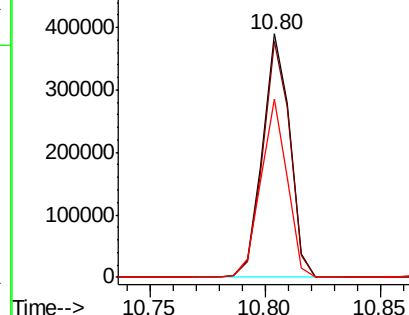


Abundance

Ion 248.00 (247.70 to 248.70): E

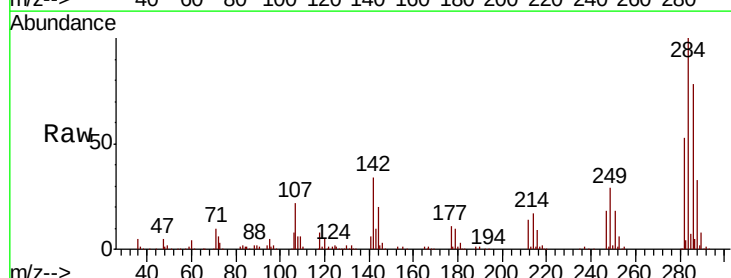
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.013 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	31.0	46.6
249	28.5	23.6	35.4

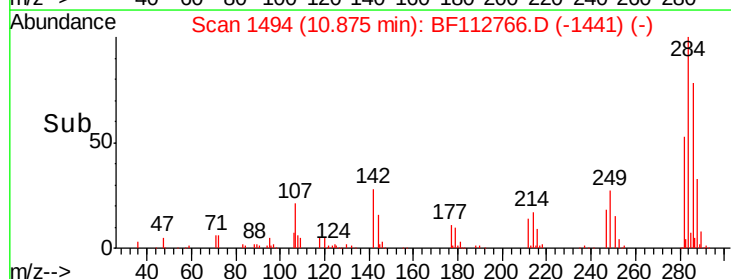
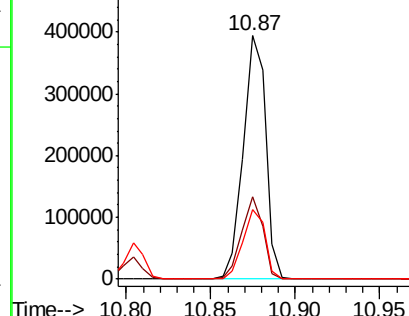


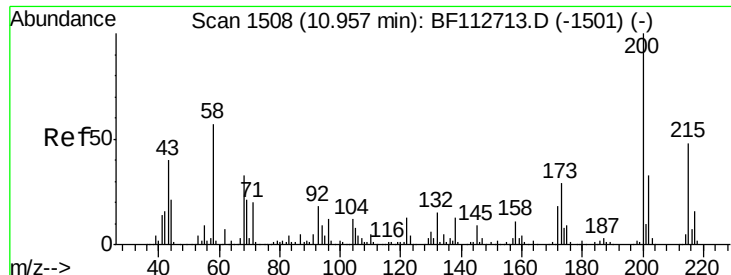
Abundance

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





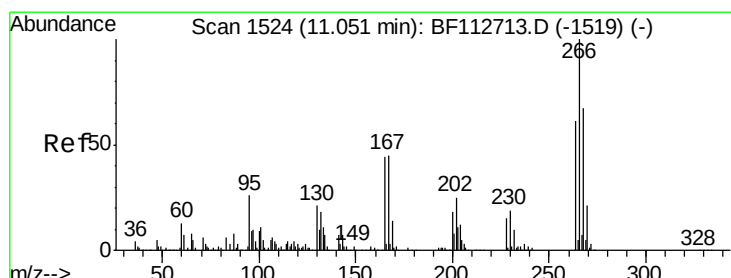
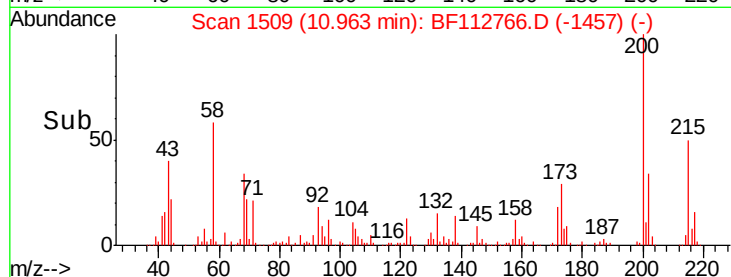
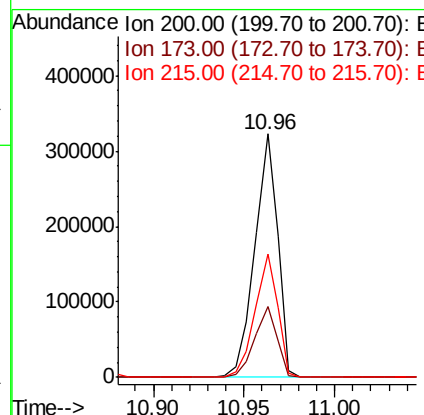
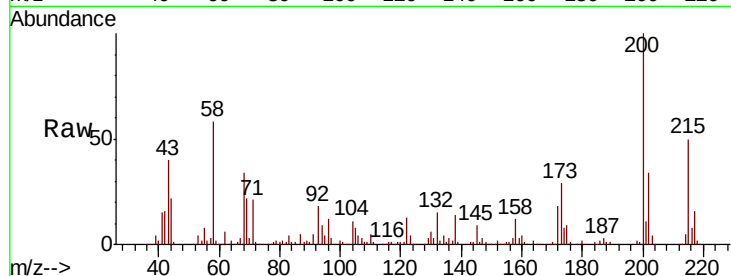
#69
Atrazine
Concen: 40.603 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.1	9.1	49.1
215	50.4	28.2	68.2

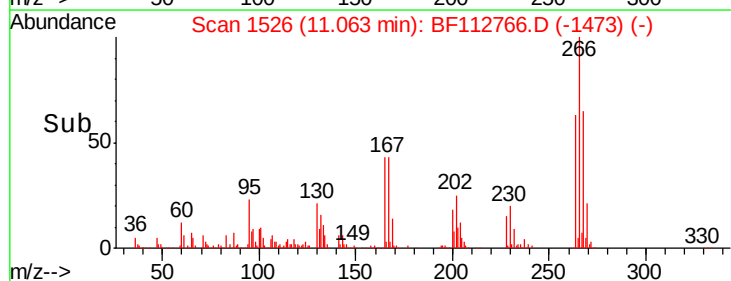
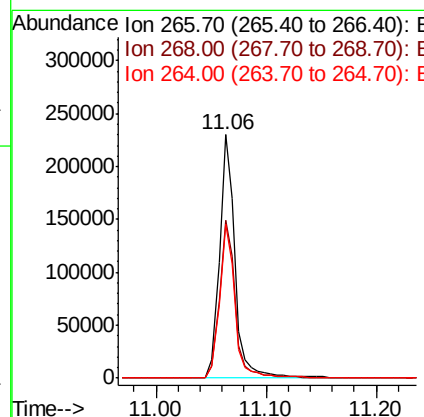
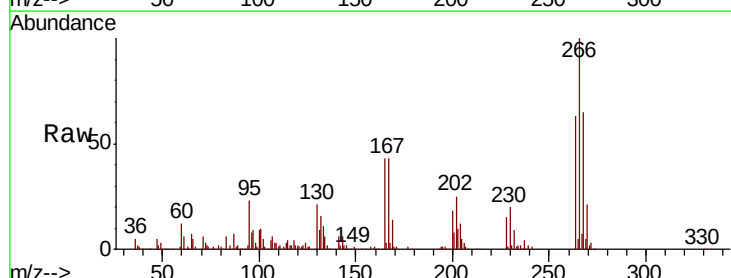
Manual Integrations
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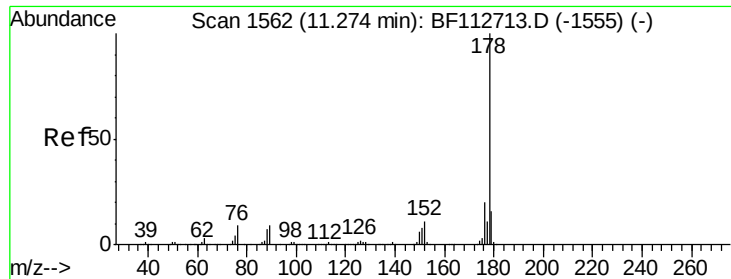
Sohil
3/1/2019 3:00:06 PM



#70
Pentachlorophenol
Concen: 44.664 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.7	53.3	79.9
264	63.0	48.9	73.3





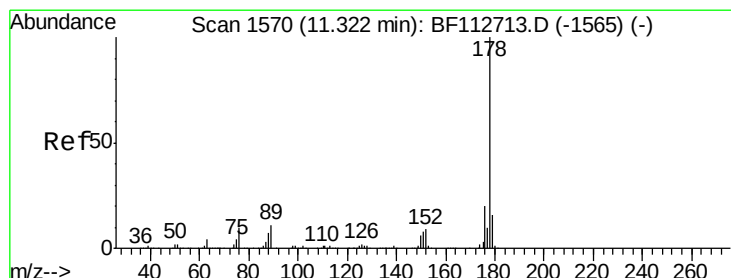
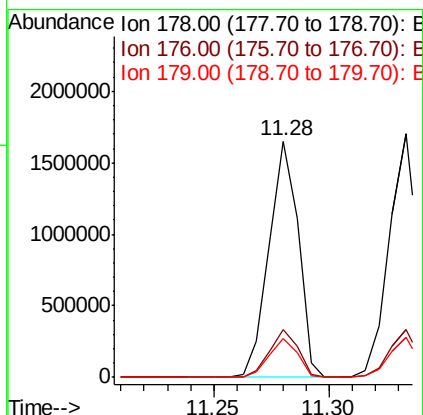
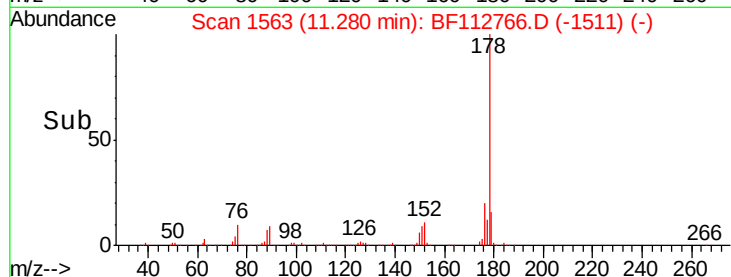
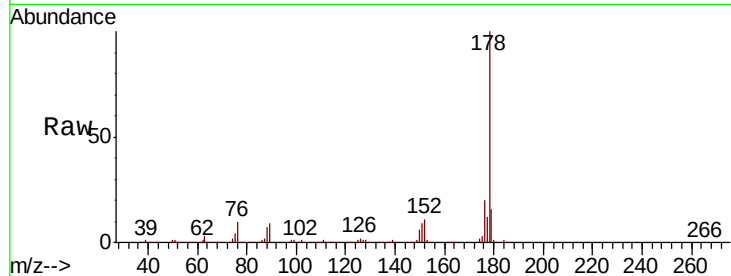
#71
Phenanthrene
Concen: 41.119 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1459975
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 16.3 12.7 19.1

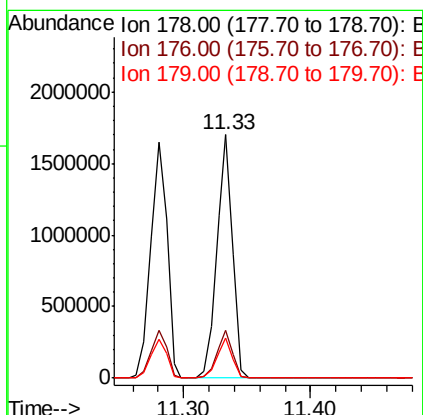
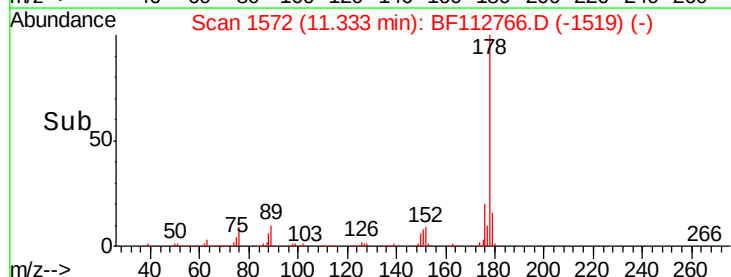
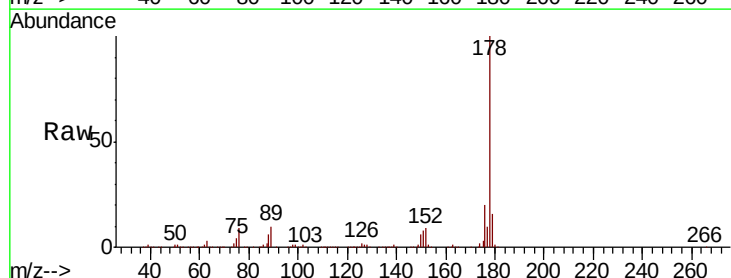
Manual Integrations
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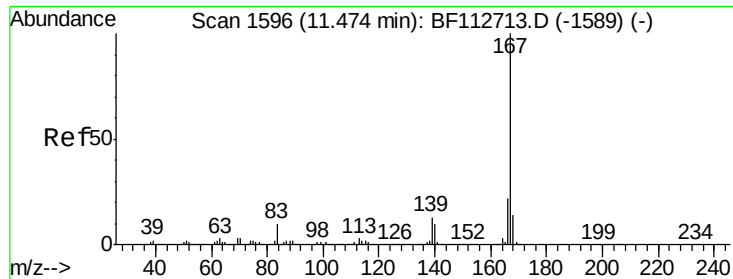
Sohil
3/1/2019 3:00:06 PM



#72
Anthracene
Concen: 39.749 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion:178 Resp: 1477384
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.3 13.0 19.6





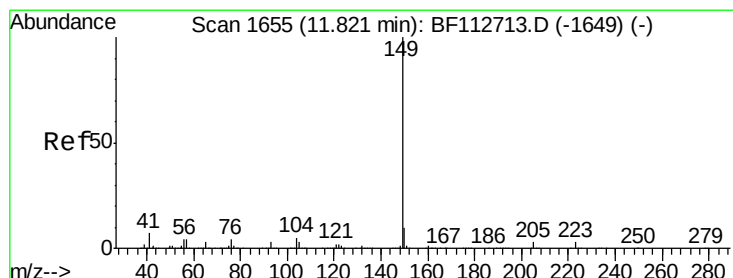
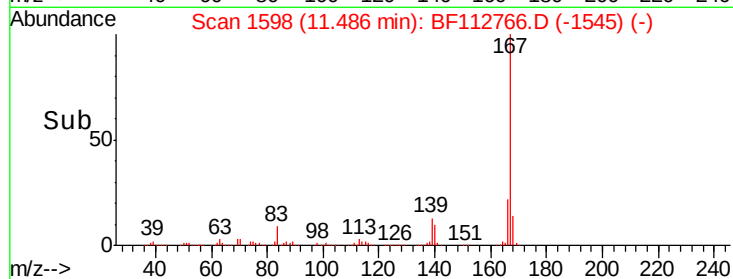
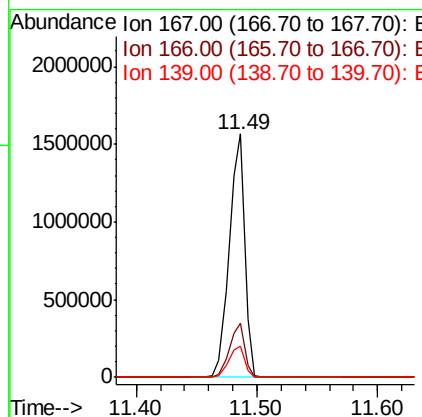
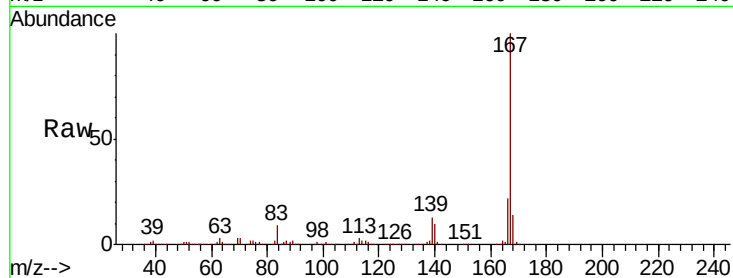
#73
 Carbazole
 Concen: 38.453 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.5	26.3
139	12.9	10.8	16.2

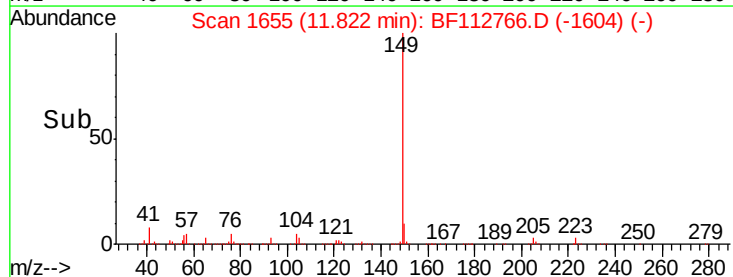
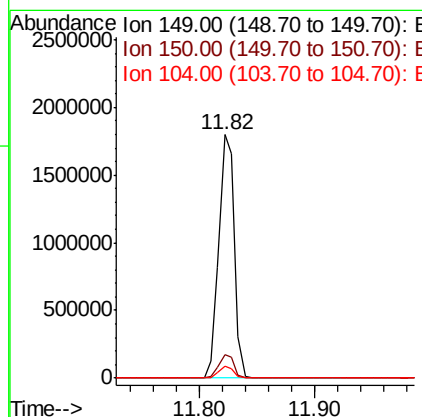
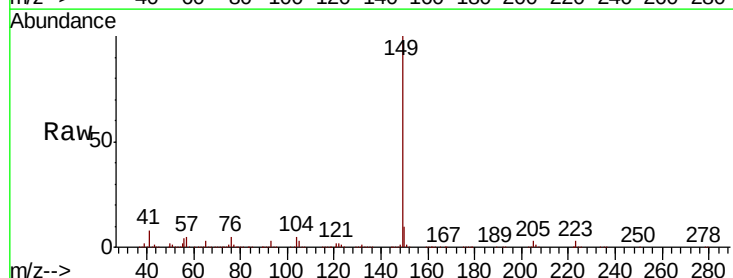
Manual Integrations
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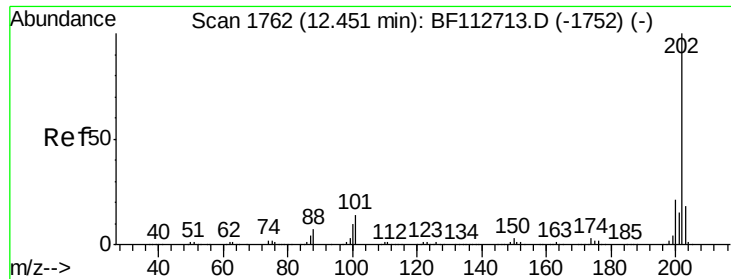
Sohil
 3/1/2019 3:00:06 PM



#74
 Di-n-butylphthalate
 Concen: 38.474 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	4.7	3.7	5.5





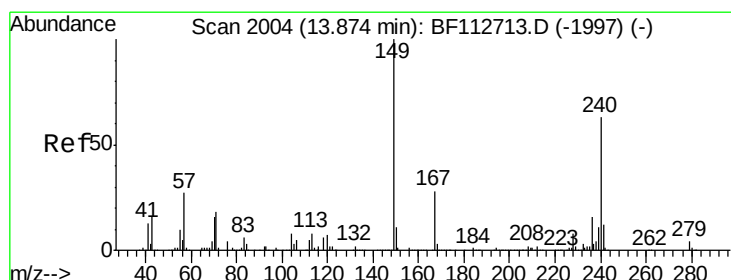
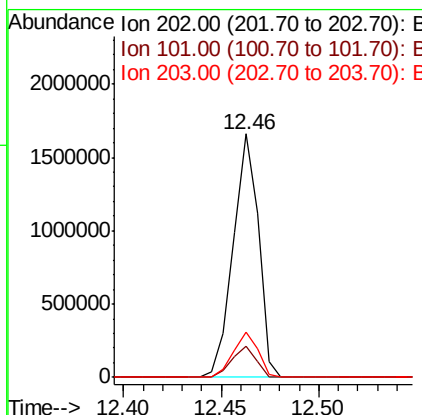
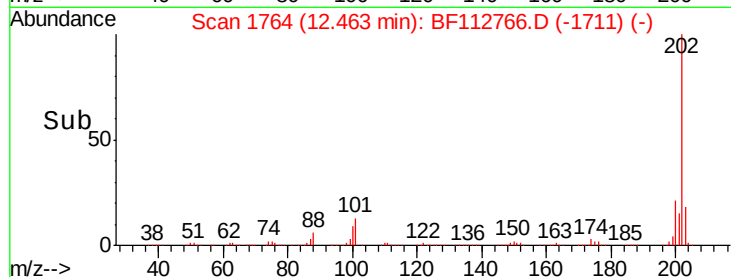
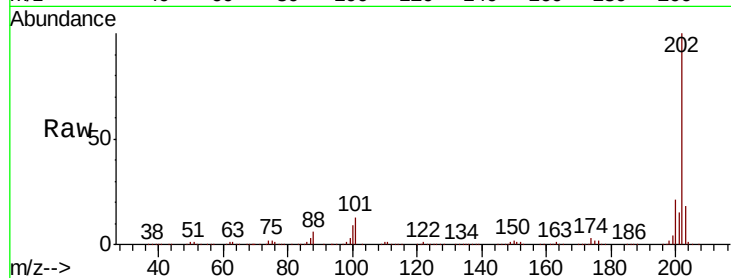
#75
Fluoranthene
Concen: 39.158 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.8
203	18.5	0.0	38.4

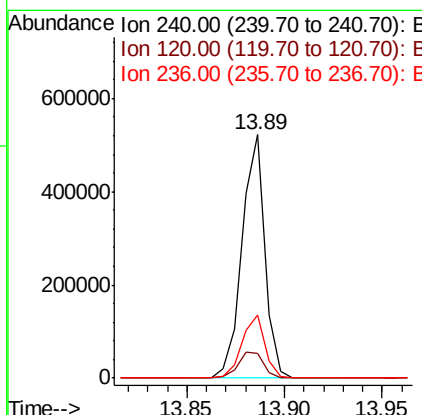
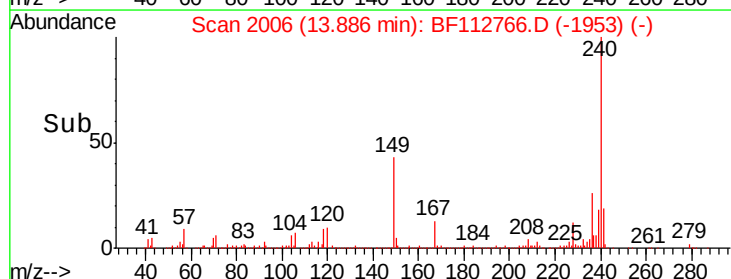
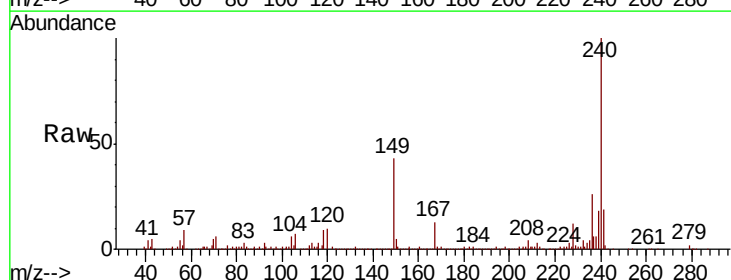
Manual Integrations
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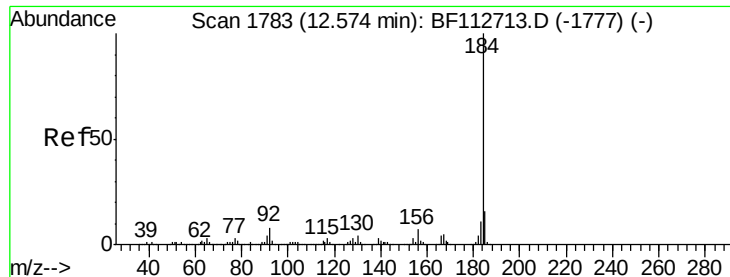
Sohil
3/1/2019 3:00:06 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.9	13.3
236	25.7	20.7	31.1





#77

Benzidine

Concen: 39.545 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 868734

Ion Ratio Lower Upper

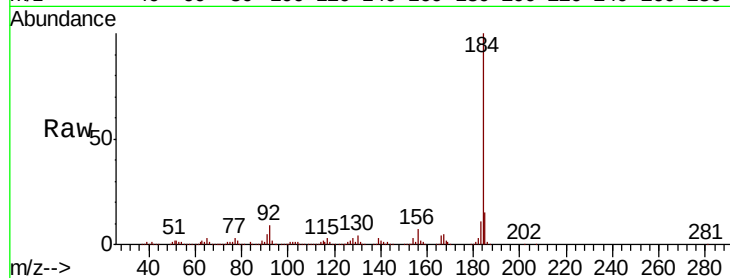
184 100

185 15.4 12.6 18.8

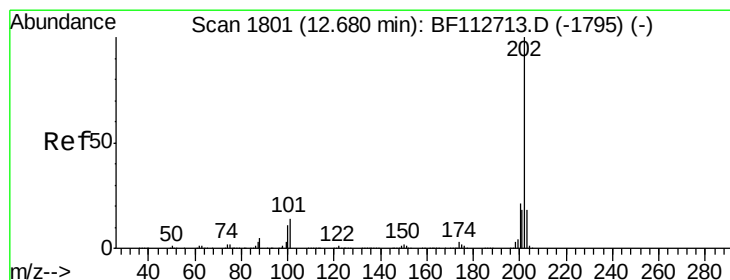
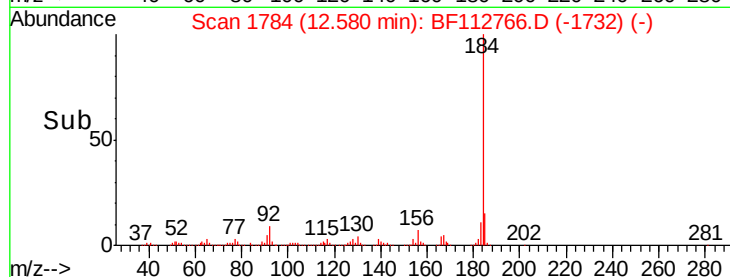
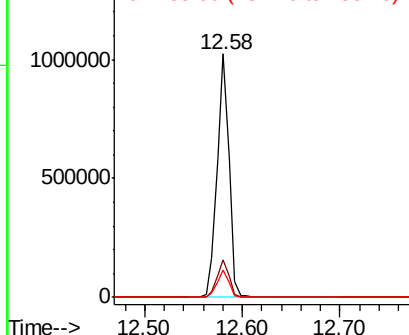
183 11.0 8.6 12.8

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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: 42.357 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

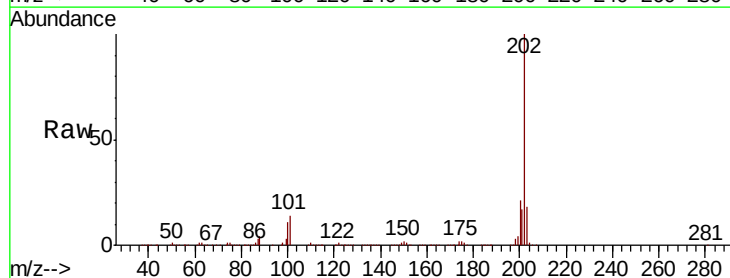
Tgt Ion:202 Resp: 1511972

Ion Ratio Lower Upper

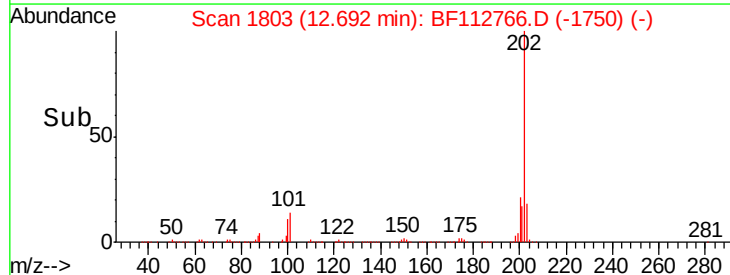
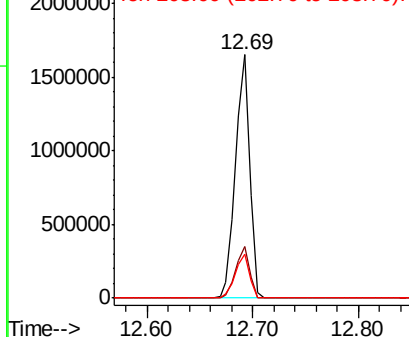
202 100

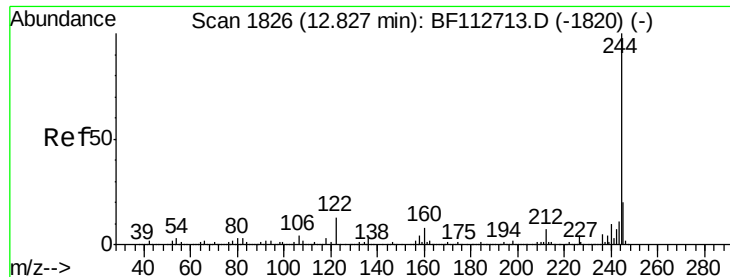
200 21.0 17.0 25.4

203 18.2 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: 84.469 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:244 Resp: 1845077

Ion Ratio Lower Upper

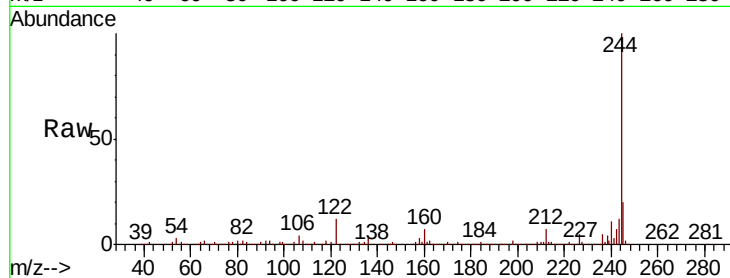
244 100

212 7.1 5.6 8.4

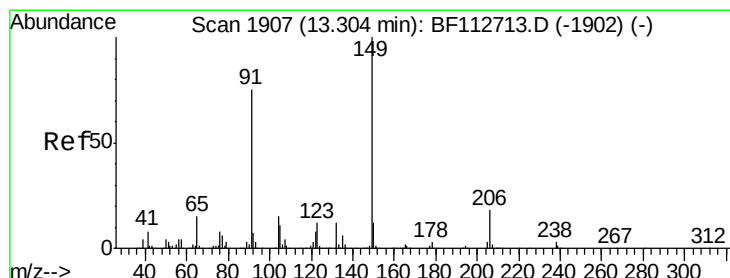
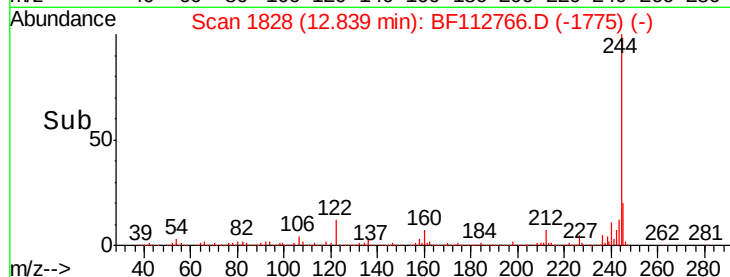
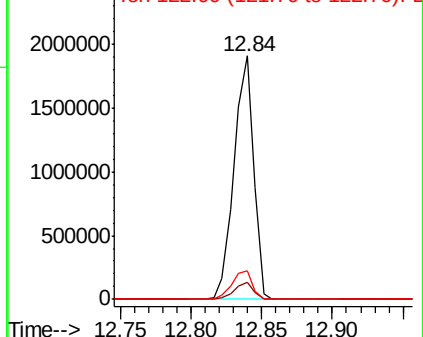
122 11.8 10.5 15.7

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.372 ng

RT: 13.32 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

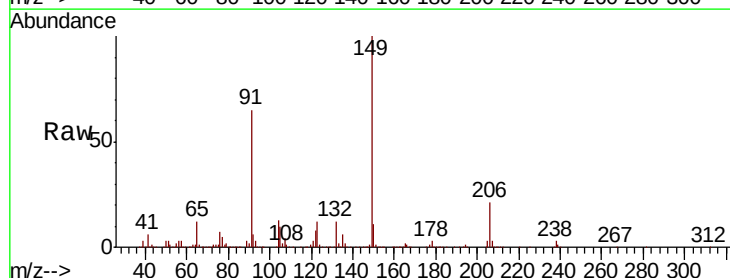
Tgt Ion:149 Resp: 636112

Ion Ratio Lower Upper

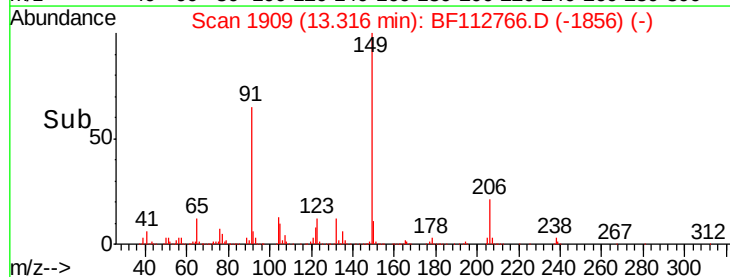
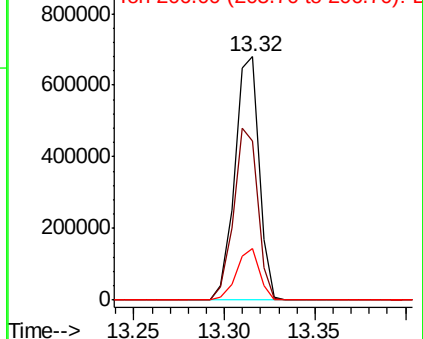
149 100

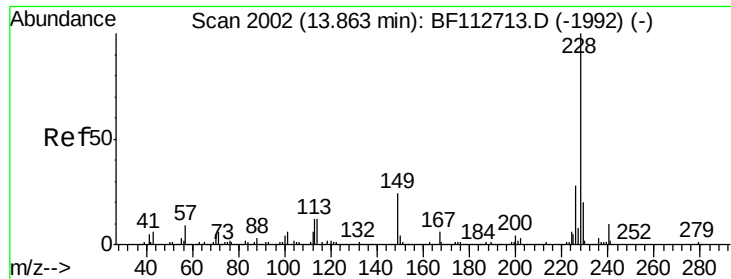
91 65.3 59.9 89.9

206 21.4 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: 37.664 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Instrument :

BNA_F

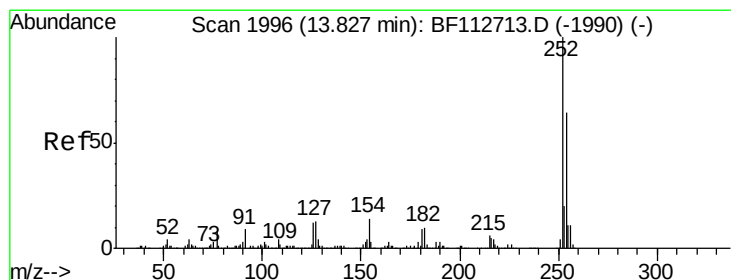
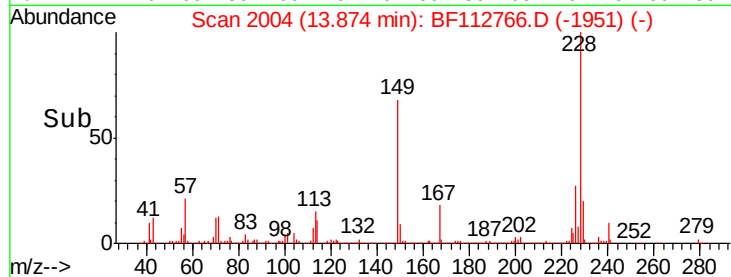
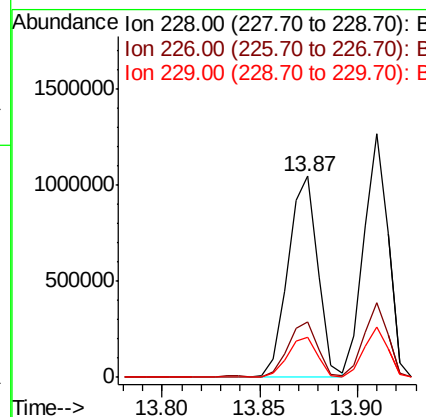
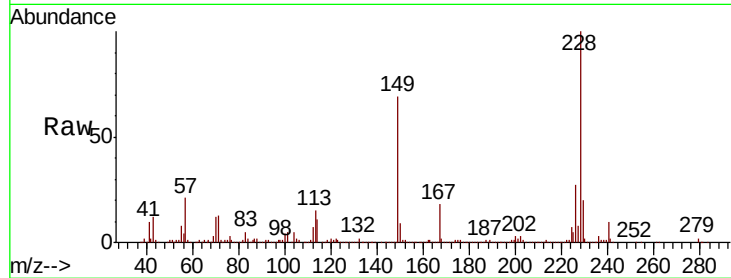
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1105295
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	20.3	16.0	24.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 41.383 ng

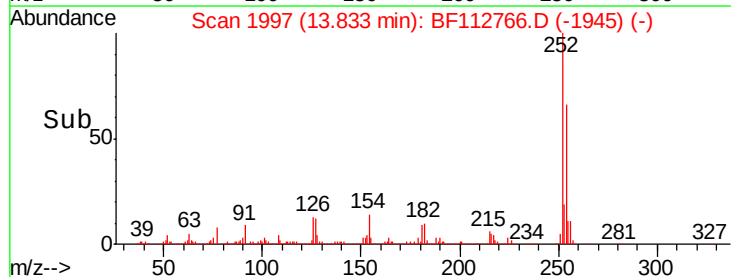
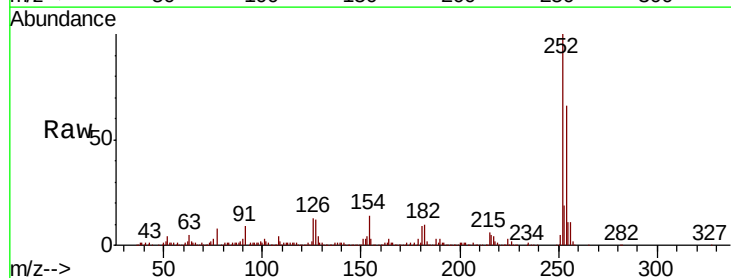
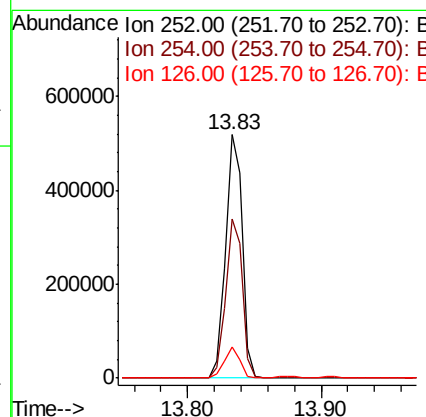
RT: 13.83 min Scan# 1997

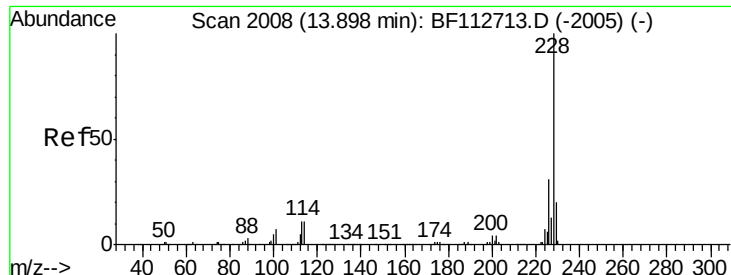
Delta R.T. 0.01 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Tgt Ion:	252	Resp:	459307
Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.1	76.7
126	12.5	9.9	14.9





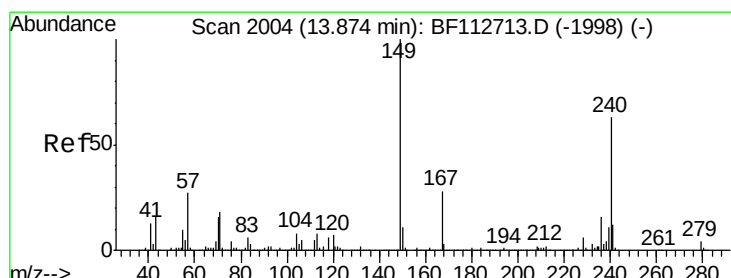
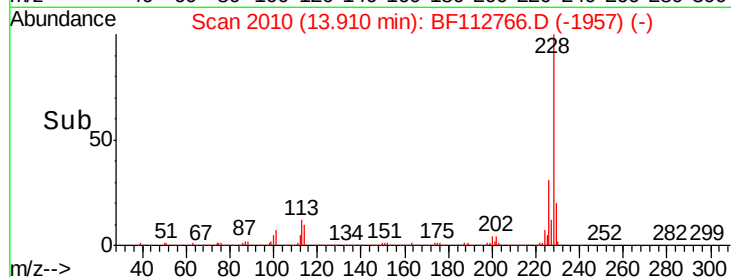
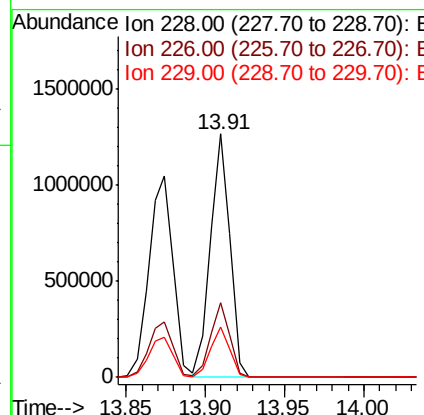
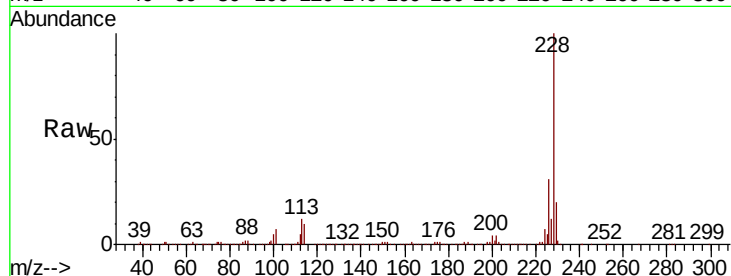
#83
 Chrysene
 Concen: 38.117 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1095707
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 20.5 16.3 24.5

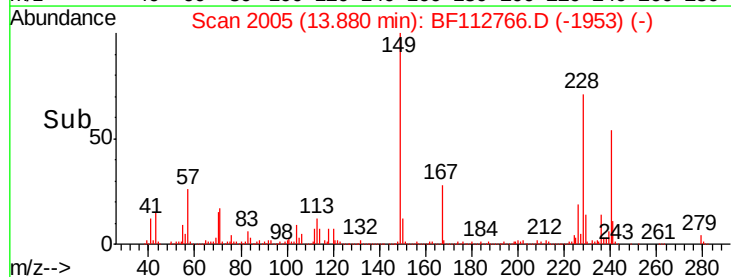
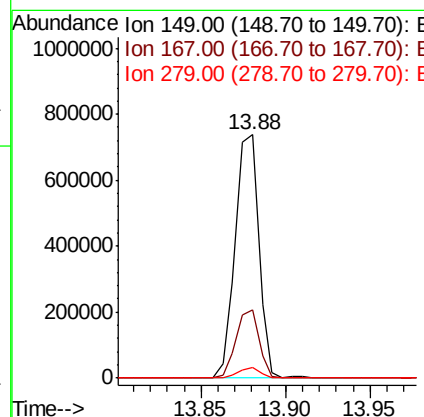
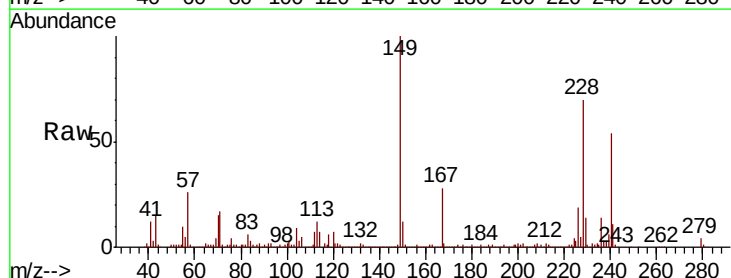
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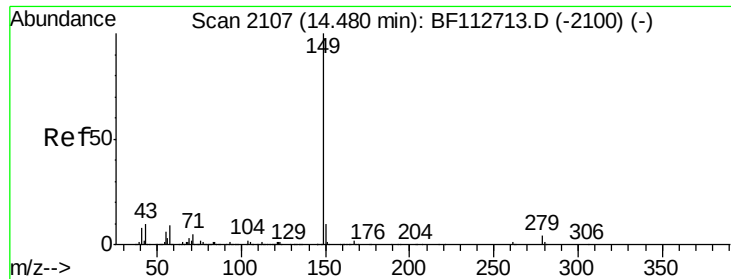
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.931 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF112766.D
 Acq: 28 Feb 2019 17:37

Tgt Ion:149 Resp: 719497
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.4 33.6
 279 4.3 3.3 4.9





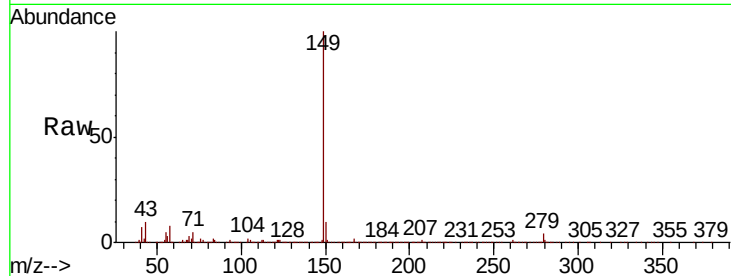
#85
Di-n-octyl phthalate
Concen: 39.120 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.1	9.0	13.4

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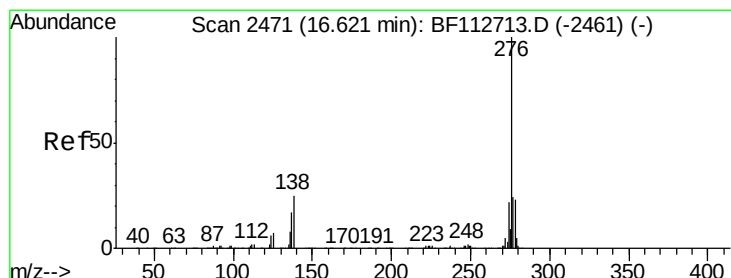
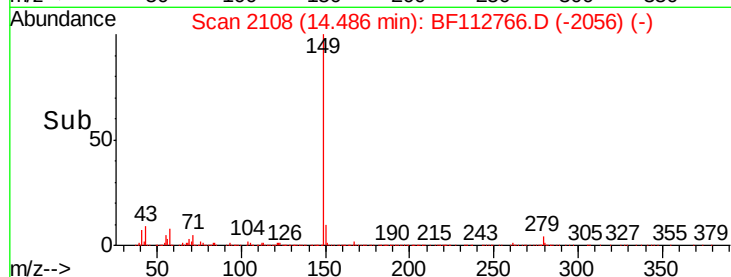
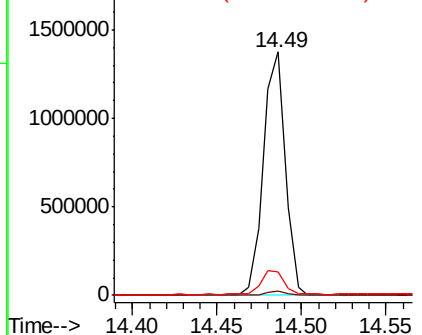


Abundance

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: 45.378 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.04 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

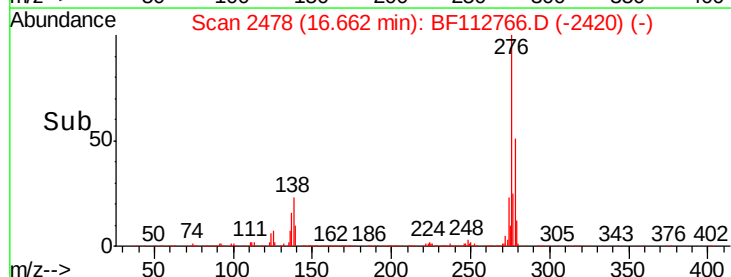
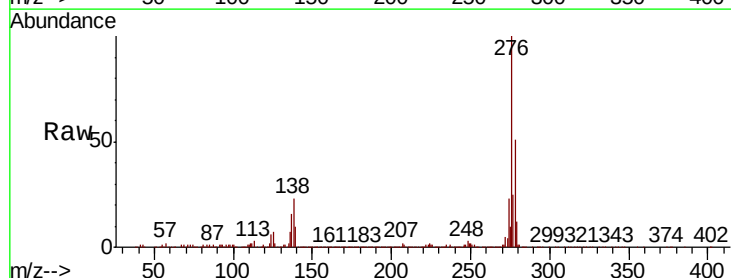
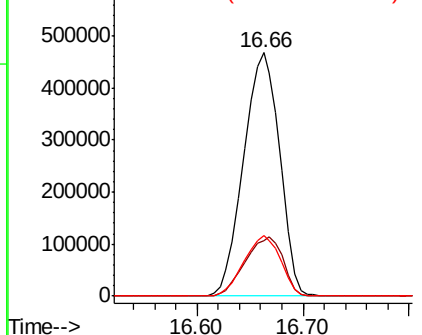
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	23.2	34.8
277	25.0	19.9	29.9

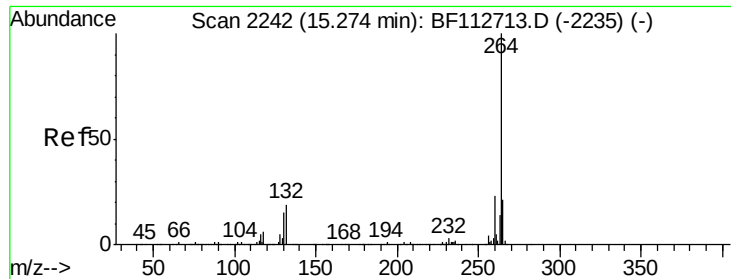
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.02 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Instrument :

BNA_F

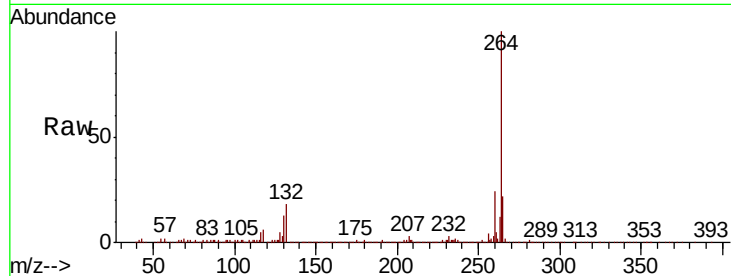
ClientSampleId :

SSTDCCC040

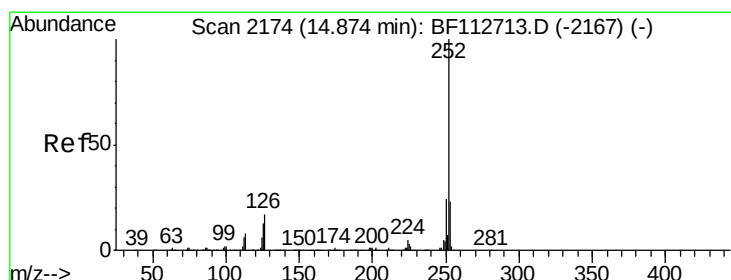
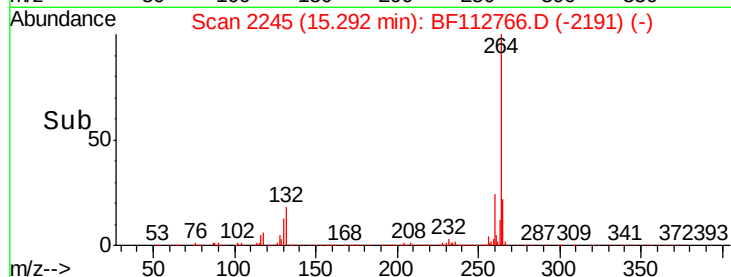
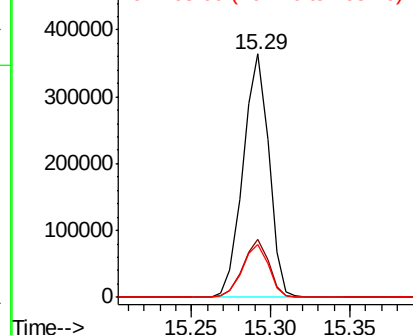
Tot Ion:	264	Resp:	411271
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.7	28.1
265	21.7	17.2	25.8

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



#88

Benzo(b)fluoranthene

Concen: 37.516 ng

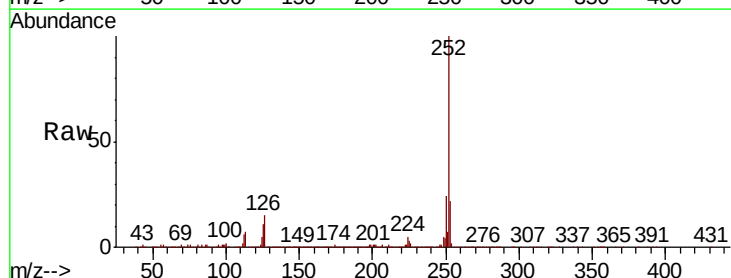
RT: 14.89 min Scan# 2177

Delta R.T. 0.02 min

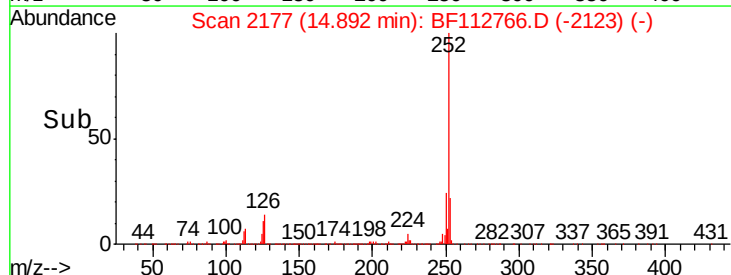
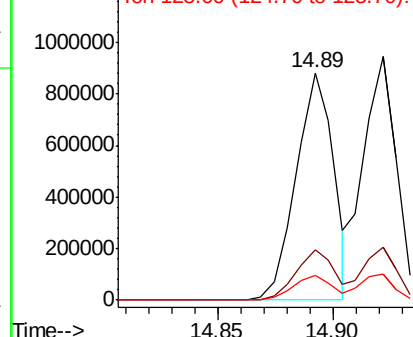
Lab File: BF112766.D

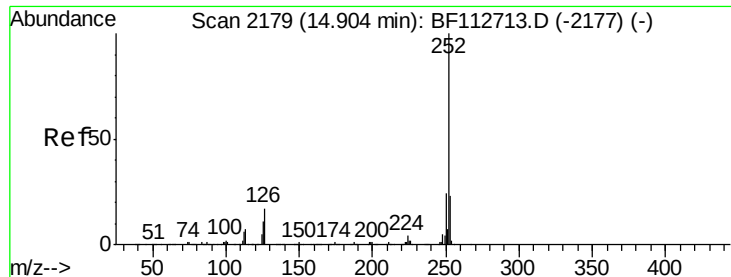
Acq: 28 Feb 2019 17:37

Tgt Ion:	252	Resp:	998016
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	10.7	10.2	15.2



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





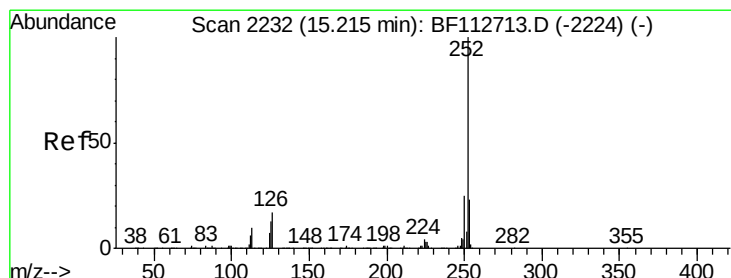
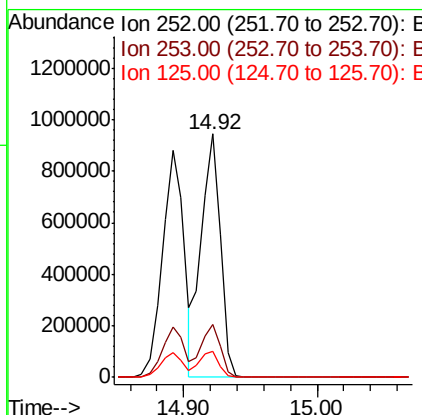
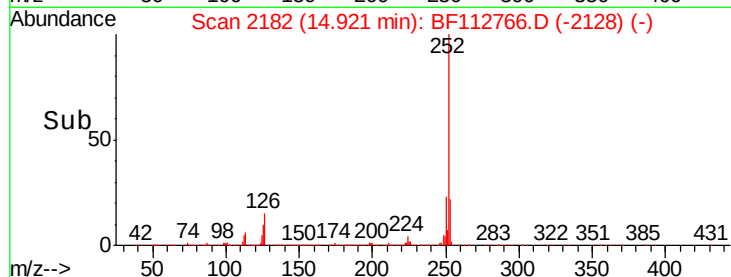
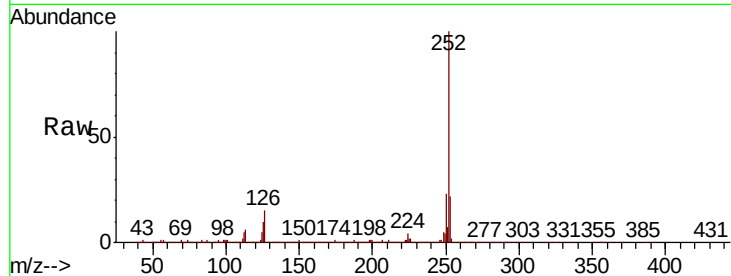
#89
Benzo(k)fluoranthene
Concen: 38.728 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	10.5	9.8	14.6

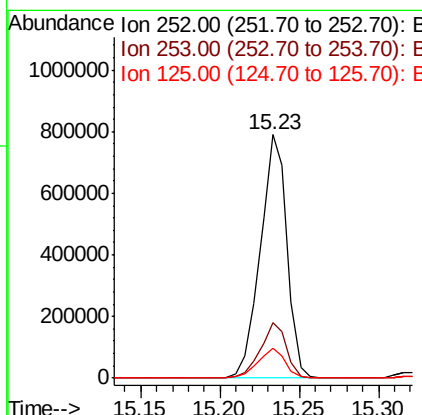
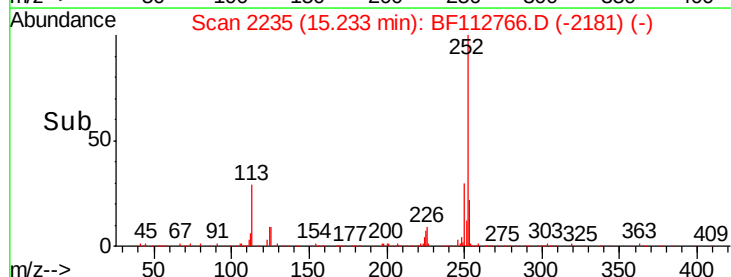
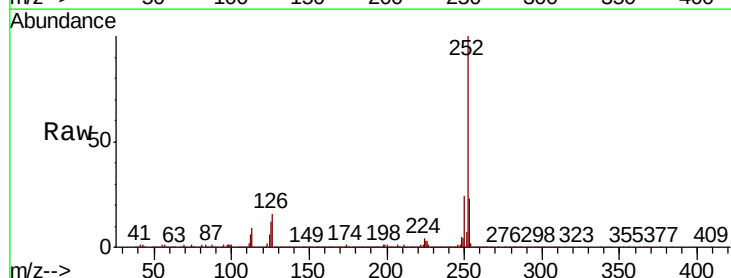
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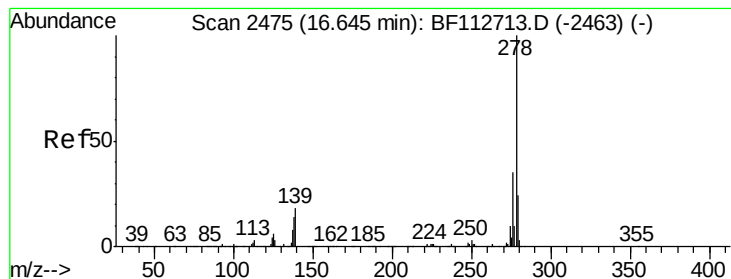
Sohil
3/1/2019 3:00:06 PM



#90
Benzo(a)pyrene
Concen: 39.325 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF112766.D
Acq: 28 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.3	10.7	16.1





#91

Dibenzo(a,h)anthracene

Concen: 45.338 ng

RT: 16.68 min Scan# 2481

Delta R.T. 0.04 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Instrument :

BNA_F

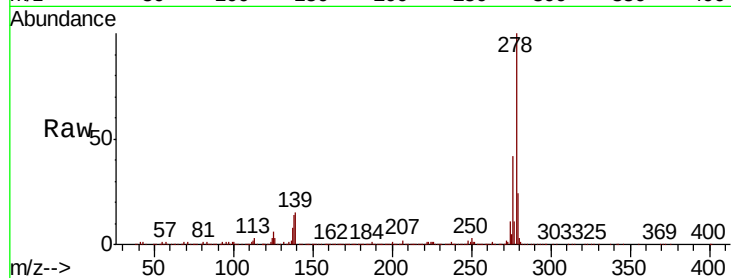
ClientSampleId :

SSTDCCC040

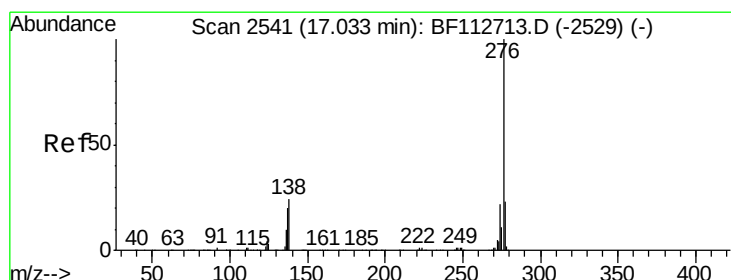
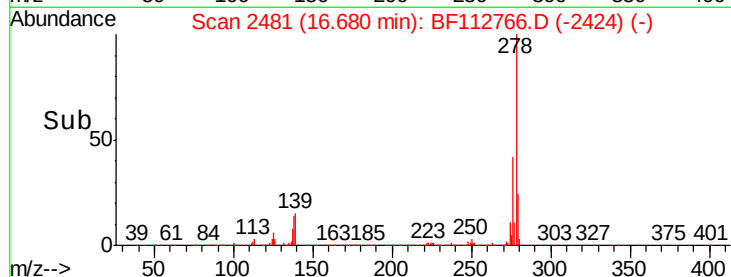
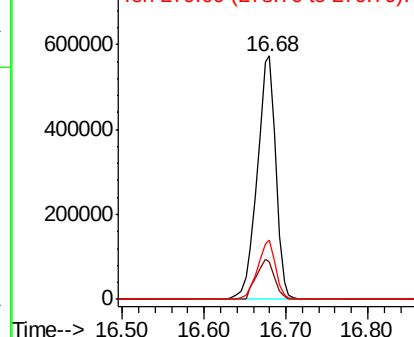
Tot Ion:	278	Resp:	910332
Ion Ratio	Lower	Upper	
278	100		
139	15.5	14.3	21.5
279	24.3	19.4	29.0

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.855 ng

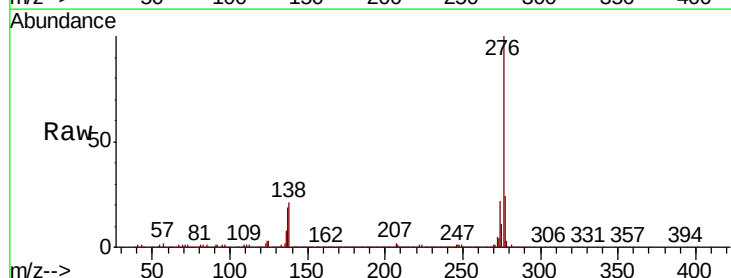
RT: 17.07 min Scan# 2548

Delta R.T. 0.04 min

Lab File: BF112766.D

Acq: 28 Feb 2019 17:37

Tgt Ion:	276	Resp:	924505
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.6	27.8
138	21.3	19.4	29.0



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

