

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113199.D
 Acq On : 21 Mar 2019 10:43
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/22/2019 3:35:45 PM

Quant Time: Mar 22 00:53:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	193739	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	642733	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	325361	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	657789	20.00	ng	0.00
76) Chrysene-d12	13.87	240	519523	20.00	ng	0.00
87) Perylene-d12	15.27	264	455937	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	977215	78.46	ng	0.00
7) Phenol-d6	6.37	99	1079606	69.01	ng	0.00
23) Nitrobenzene-d5	7.29	82	1140013	106.13	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	341996	99.01	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1737244	89.81	ng	0.00
79) Terphenyl-d14	12.82	244	1980553	73.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	206924	33.144	ng	99
3) Pyridine	3.10	79	583252	34.920	ng	98
4) n-Nitrosodimethylamine	3.05	42	254984	34.898	ng	100
6) Aniline	6.39	93	675801	31.381	ng	# 45
8) 2-Chlorophenol	6.52	128	534057	38.520	ng	95
9) Benzaldehyde	6.27	77	377212	33.461	ng	97
10) Phenol	6.39	94	613353	33.596	ng	76
11) bis(2-Chloroethyl)ether	6.46	93	511546	36.505	ng	98
12) 1,3-Dichlorobenzene	6.67	146	608134	42.461	ng	96
13) 1,4-Dichlorobenzene	6.74	146	581934	40.516	ng	99
14) 1,2-Dichlorobenzene	6.90	146	524439	39.830	ng	99
15) Benzyl Alcohol	6.87	79	415838	34.856	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	860250	36.786	ng	77
17) 2-Methylphenol	6.99	107	460917	40.980	ng	95
18) Hexachloroethane	7.24	117	224281	40.764	ng	# 88
19) n-Nitroso-di-n-propylamine	7.15	70	380711	38.422	ng	97
20) 3+4-Methylphenols	7.15	107	538875	42.437	ng	# 65
22) Acetophenone	7.14	105	783801	52.153	ng	# 92
24) Nitrobenzene	7.31	77	591403	49.469	ng	99
25) Isophorone	7.55	82	1020947	44.120	ng	99
26) 2-Nitrophenol	7.63	139	299340	60.149	ng	99
27) 2,4-Dimethylphenol	7.67	122	419252	45.283	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	632507	43.719	ng	98
29) 2,4-Dichlorophenol	7.87	162	437470	48.725	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	435150	45.106	ng	99
31) Naphthalene	8.03	128	1300243	40.747	ng	99
32) Benzoic acid	7.82	122	323846	49.906	ng	91
33) 4-Chloroaniline	8.08	127	550867	40.758	ng	98
34) Hexachlorobutadiene	8.15	225	269912	49.610	ng	98
35) Caprolactam	8.47	113	132783m	41.990	ng	
36) 4-Chloro-3-methylphenol	8.57	107	419925	42.262	ng	98
37) 2-Methylnaphthalene	8.72	142	871478	42.290	ng	99
38) 1-Methylnaphthalene	8.82	142	836301	41.895	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	433575	45.698	ng	98

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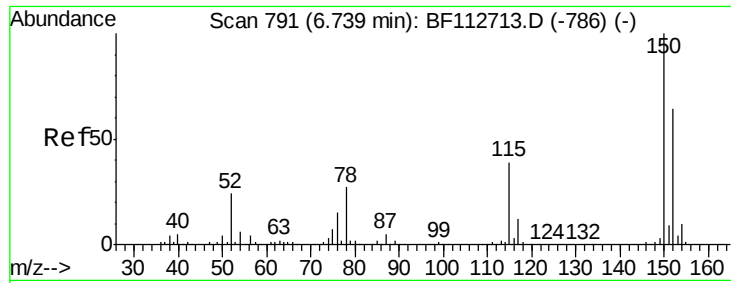
Manual Integrations
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 3/22/2019 3:35:45 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	202399	38.956	ng	99
43) 2,4,6-Trichlorophenol	9.00	196	282142	43.208	ng	100
44) 2,4,5-Trichlorophenol	9.05	196	308226	43.671	ng	97
46) 1,1'-Biphenyl	9.19	154	1109790	41.819	ng	99
47) 2-Chloronaphthalene	9.21	162	850139	41.026	ng	99
48) 2-Nitroaniline	9.30	65	276988	43.976	ng	98
49) Acenaphthylene	9.62	152	1383833	39.337	ng	99
50) Dimethylphthalate	9.49	163	1021679	42.587	ng	100
51) 2,6-Dinitrotoluene	9.55	165	226619	45.362	ng #	79
52) Acenaphthene	9.80	154	785070	38.161	ng	98
53) 3-Nitroaniline	9.72	138	261649	42.982	ng	97
54) 2,4-Dinitrophenol	9.83	184	115553	58.438	ng	96
55) Dibenzofuran	9.97	168	1185742	39.657	ng	96
56) 4-Nitrophenol	9.89	139	185577	37.510	ng	97
57) 2,4-Dinitrotoluene	9.96	165	298889	48.131	ng #	86
58) Fluorene	10.31	166	902512	42.528	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	260523	44.304	ng	93
60) Diethylphthalate	10.19	149	1011555	39.923	ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	455129	46.095	ng	96
62) 4-Nitroaniline	10.33	138	266738	47.419	ng	97
63) Azobenzene	10.46	77	946065	36.454	ng	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	149229	54.520	ng #	70
66) n-Nitrosodiphenylamine	10.42	169	835863	39.622	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	308072	44.465	ng	96
68) Hexachlorobenzene	10.86	284	354865	45.436	ng #	85
69) Atrazine	10.95	200	235345	36.425	ng	99
70) Pentachlorophenol	11.05	266	187835	40.861	ng	99
71) Phenanthrene	11.26	178	1344522	41.082	ng	100
72) Anthracene	11.32	178	1372957	40.076	ng	99
73) Carbazole	11.47	167	1328126	39.741	ng	99
74) Di-n-butylphthalate	11.80	149	1612492	40.240	ng	99
75) Fluoranthene	12.45	202	1496932	42.692	ng	96
77) Benzidine	12.57	184	690058	25.602	ng	99
78) Pyrene	12.67	202	1530845	34.953	ng	100
80) Butylbenzylphthalate	13.29	149	711442	36.801	ng	94
81) Benzo(a)anthracene	13.86	228	1247815	34.655	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	531197	39.008	ng	99
83) Chrysene	13.90	228	1271671	36.056	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	916735	40.428	ng	100
85) Di-n-octyl phthalate	14.46	149	1575649	40.466	ng	98
86) Indeno(1,2,3-cd)pyrene	16.65	276	1045212	34.761	ng #	93
88) Benzo(b)fluoranthene	14.88	252	1153971m	39.129	ng	
89) Benzo(k)fluoranthene	14.91	252	1103542	41.311	ng	98
90) Benzo(a)pyrene	15.22	252	1039061	39.833	ng	96
91) Dibenzo(a,h)anthracene	16.66	278	863728	38.803	ng	96
92) Benzo(g,h,i)perylene	17.06	276	844898	37.801	ng #	94

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



#1

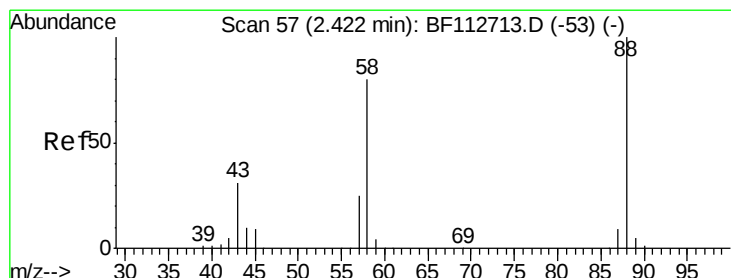
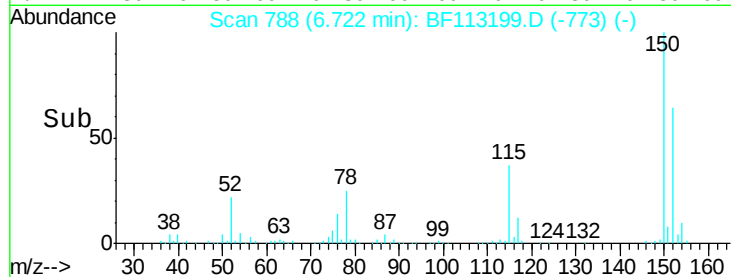
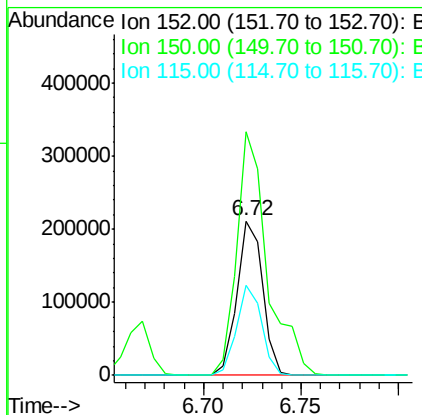
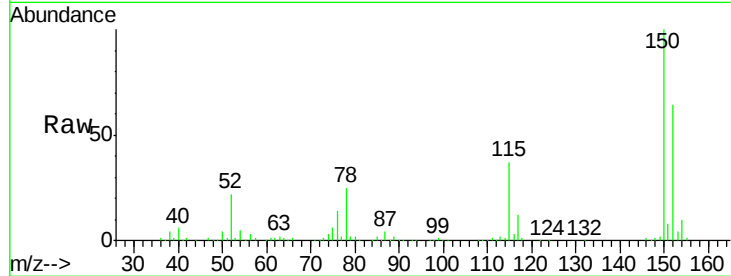
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.2	186.2
115	58.6	48.2	72.4

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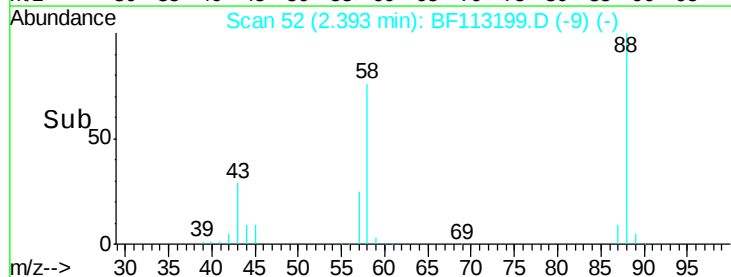
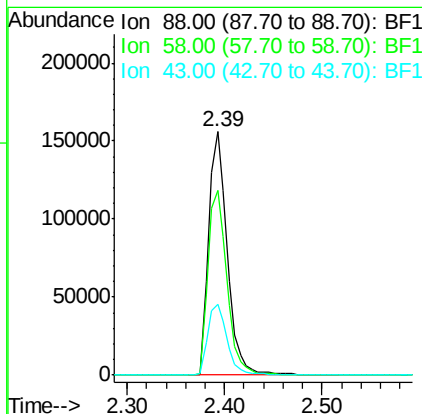
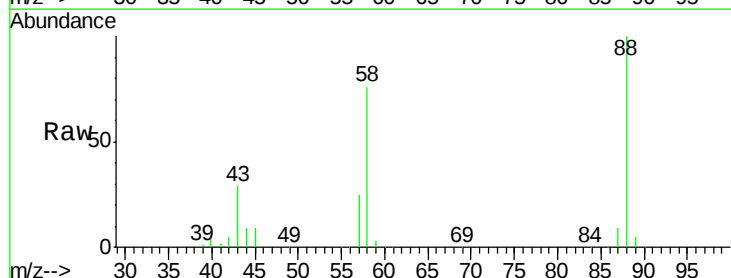
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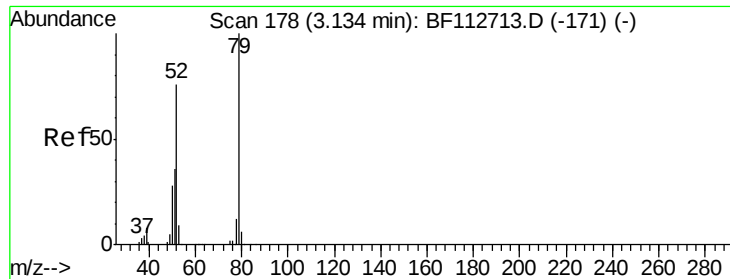


#2

1,4-Dioxane
Concen: 33.144 ng
RT: 2.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.4	63.1	94.7
43	30.5	24.3	36.5





#3

Pyridine

Concen: 34.920 ng

RT: 3.10 min Scan# 172

Delta R.T. -0.05 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

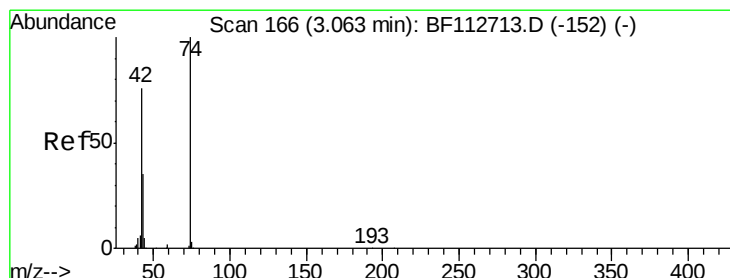
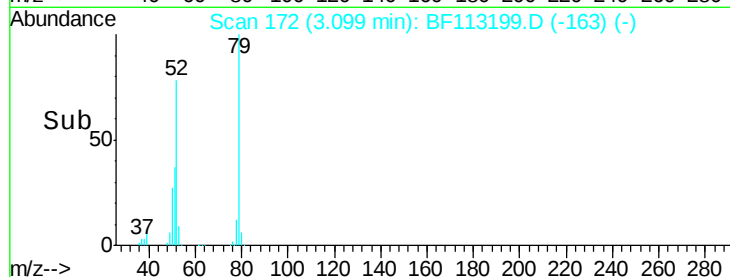
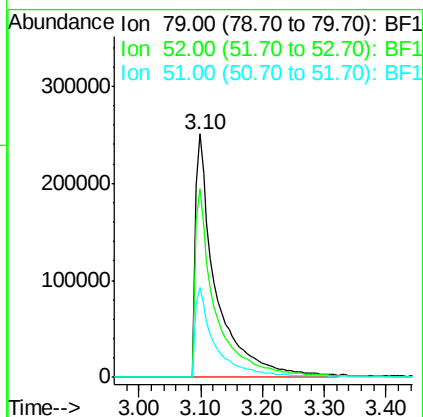
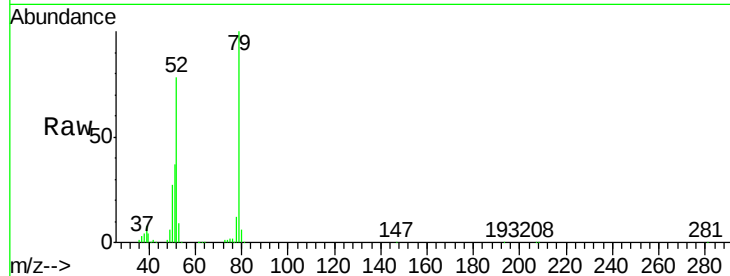
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	583252
Ion	Ratio	Lower	Upper
79	100		
52	77.6	60.5	90.7
51	36.8	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 34.898 ng

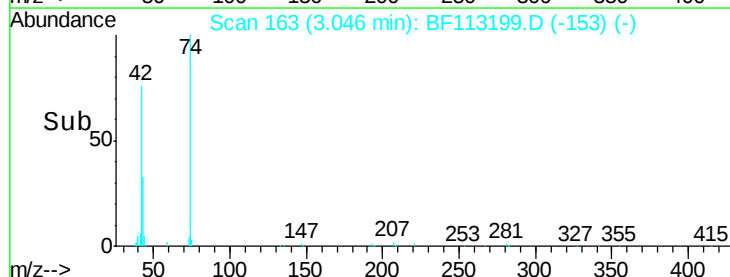
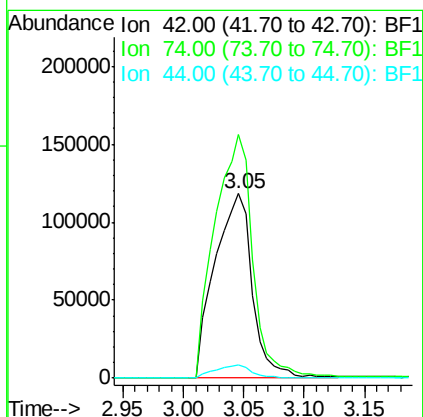
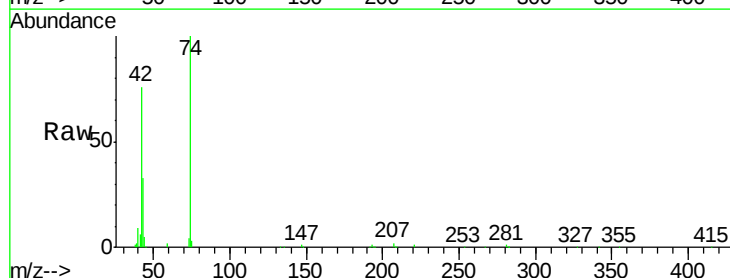
RT: 3.05 min Scan# 163

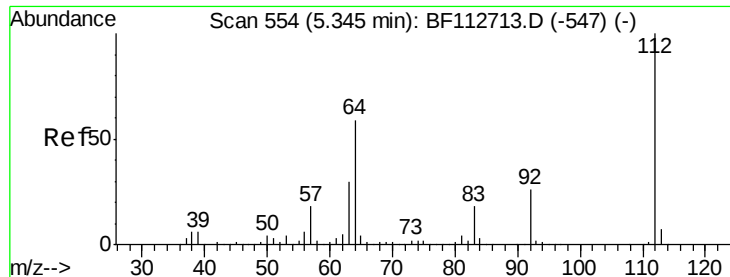
Delta R.T. -0.04 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Tgt Ion:	42	Resp:	254984
Ion	Ratio	Lower	Upper
42	100		
74	132.0	105.8	158.8
44	7.2	6.2	9.2





#5

2-Fluorophenol

Concen: 78.461 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

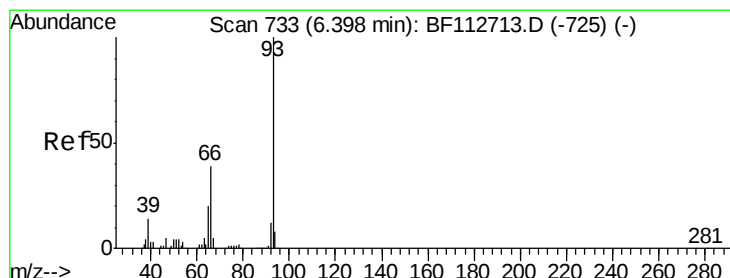
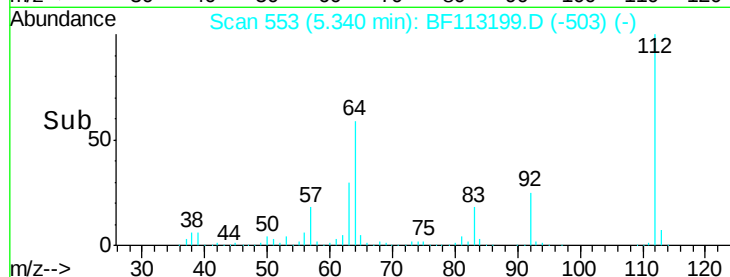
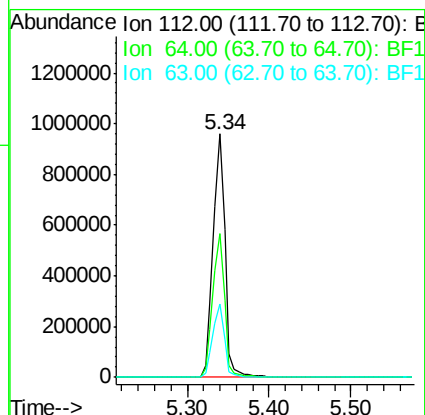
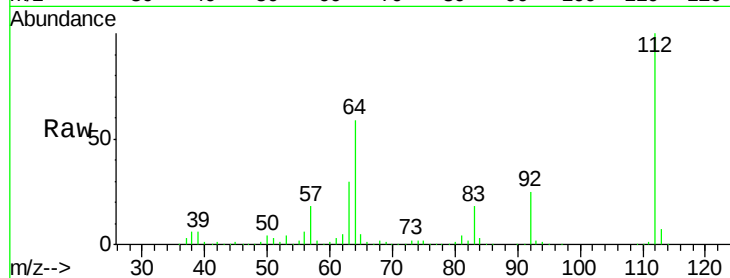
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	977215
Ion Ratio	Lower	Upper	
112	100		
64	59.2	47.6	71.4
63	30.3	24.4	36.6

Manual Integrations
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#6

Aniline

Concen: 31.381 ng

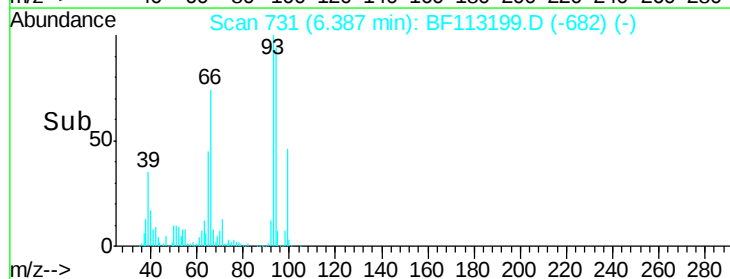
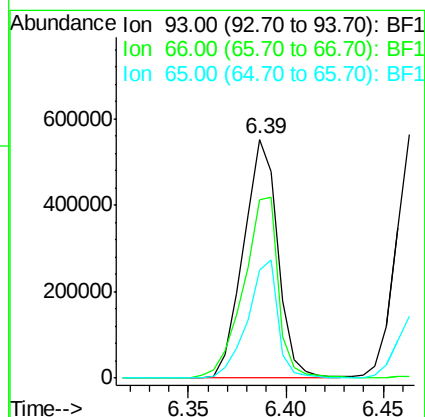
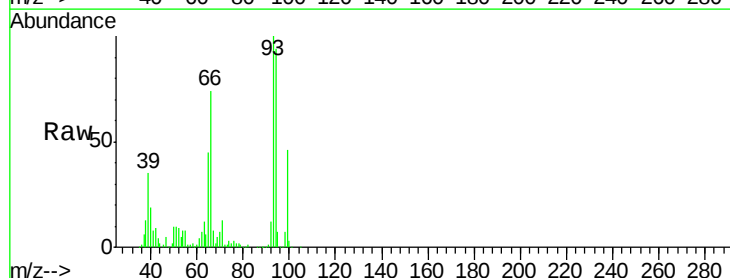
RT: 6.39 min Scan# 731

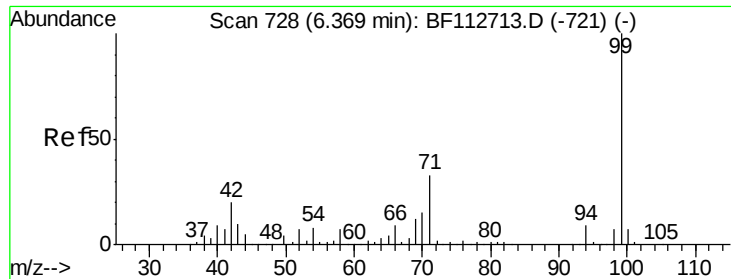
Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Tgt Ion:	93	Resp:	675801
Ion Ratio	Lower	Upper	
93	100		
66	74.5	32.2	48.2#
65	45.2	16.2	24.4#





#7

Phenol-d6

Concen: 69.006 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1079606

Ion Ratio Lower Upper

99 100

42 19.6 16.3 24.5

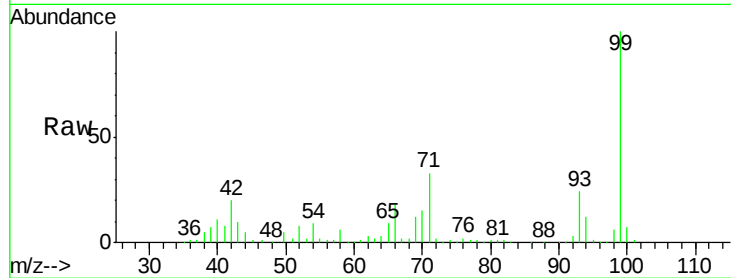
71 32.8 26.2 39.4

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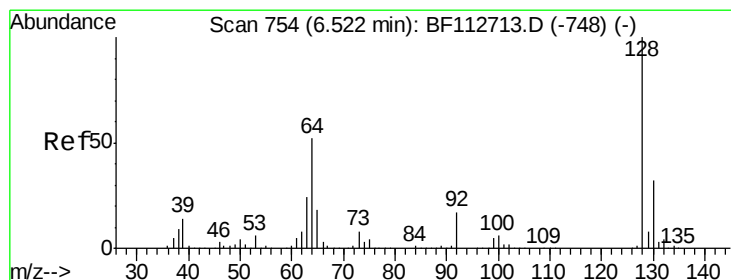
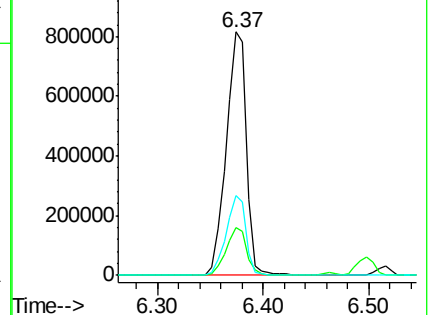
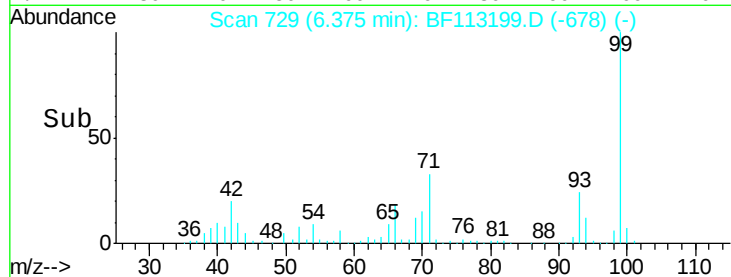
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.520 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

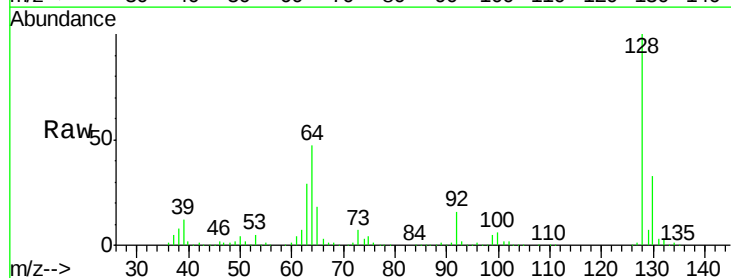
Tgt Ion: 128 Resp: 534057

Ion Ratio Lower Upper

128 100

130 33.0 12.4 52.4

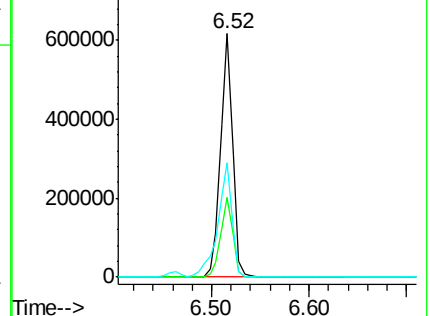
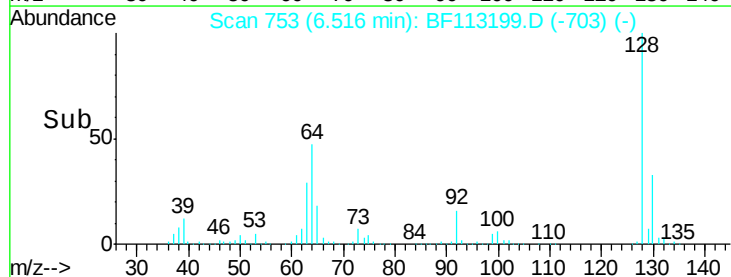
64 47.1 32.2 72.2

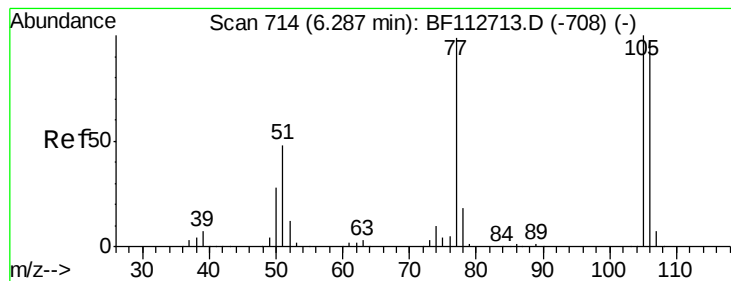


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.461 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

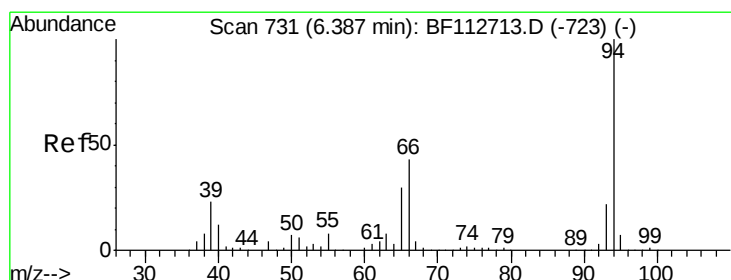
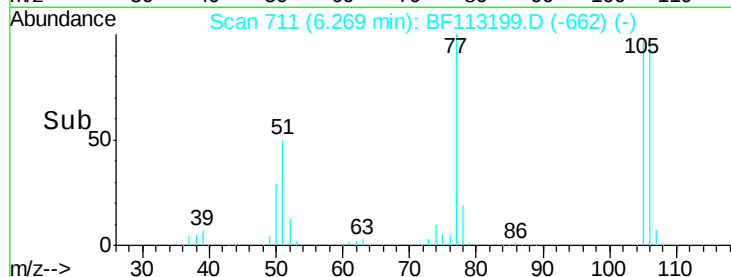
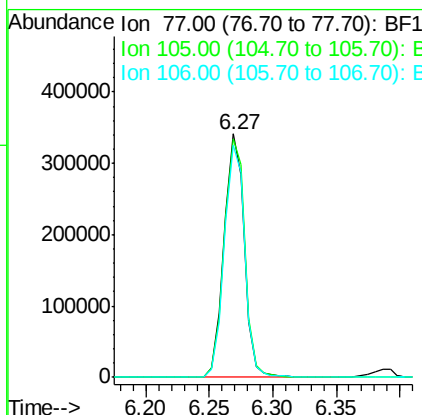
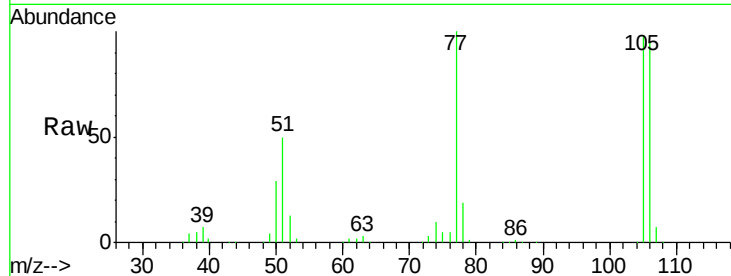
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	377212
Ion	Ratio	Lower	Upper
77	100		
105	97.8	81.4	121.4
106	95.2	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 33.596 ng

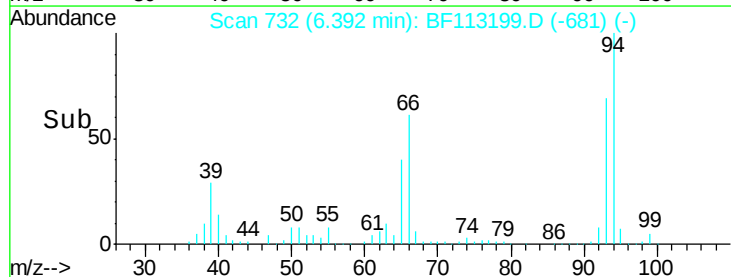
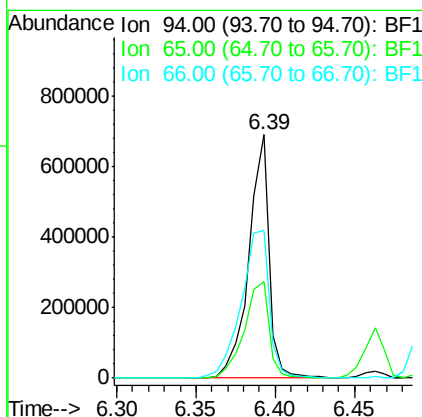
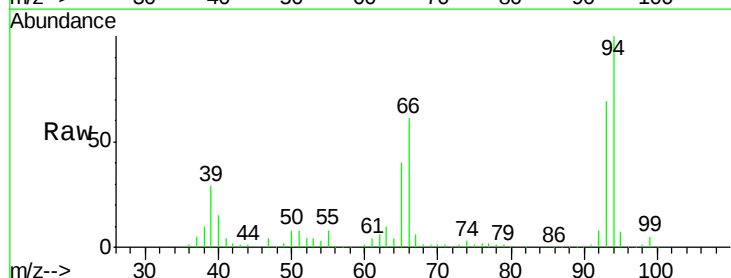
RT: 6.39 min Scan# 732

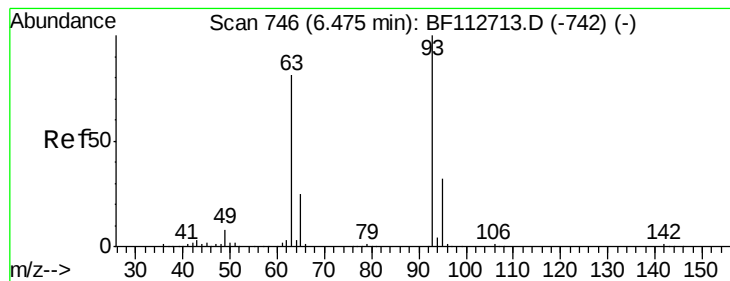
Delta R.T. -0.00 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Tgt Ion:	94	Resp:	613353
Ion	Ratio	Lower	Upper
94	100		
65	39.6	10.5	50.5
66	60.8	22.6	62.6





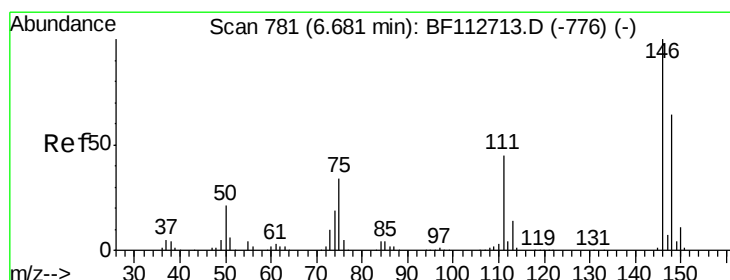
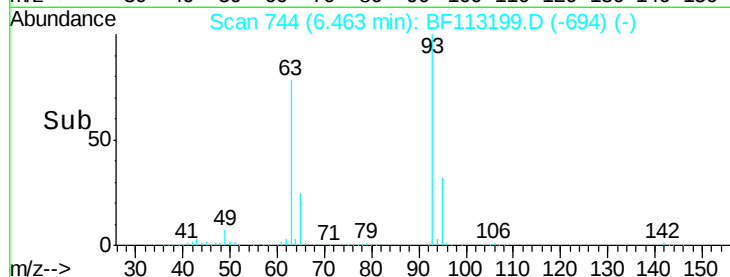
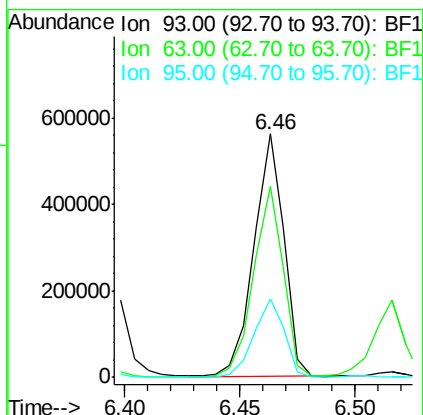
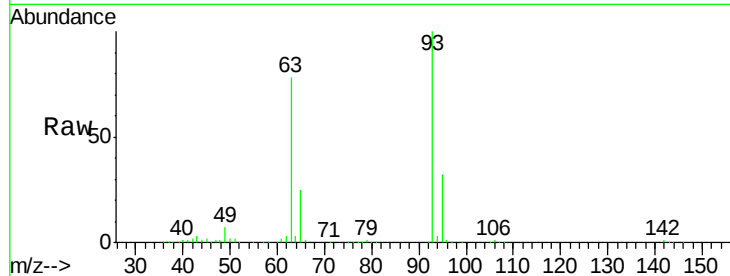
#11
bis(2-Chloroethyl)ether
Concen: 36.505 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.5	60.5	100.5
95	32.1	12.1	52.1

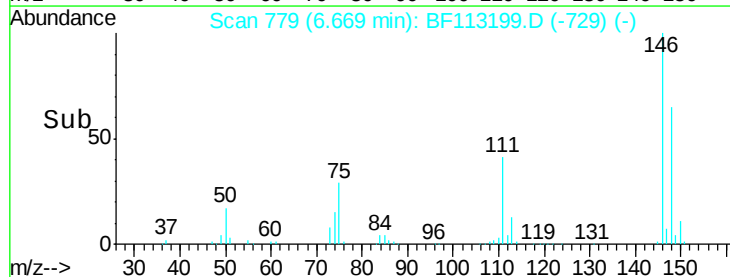
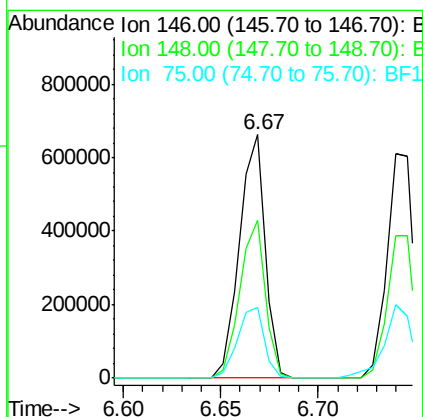
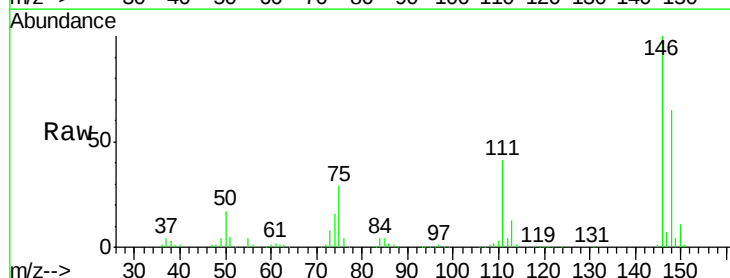
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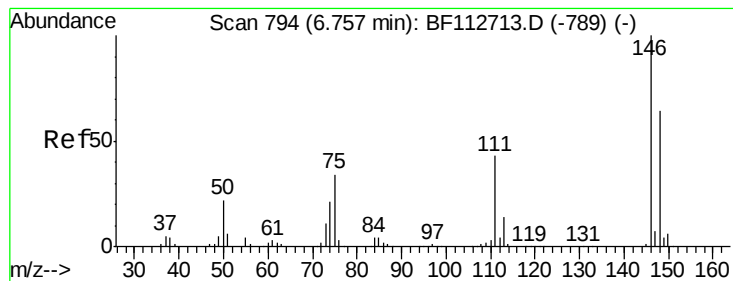
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#12
1,3-Dichlorobenzene
Concen: 42.461 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.9	76.3
75	28.9	26.9	40.3





#13

1,4-Dichlorobenzene

Concen: 40.516 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

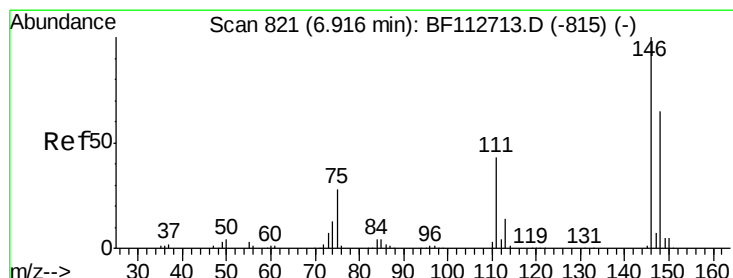
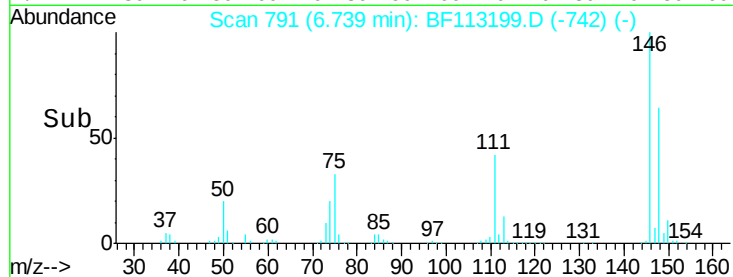
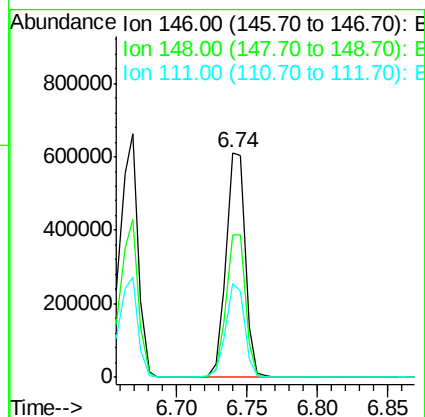
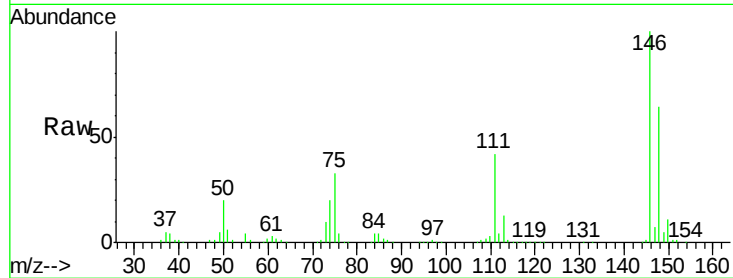
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	581934
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.0	76.4
111	42.0	34.5	51.7

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#14

1,2-Dichlorobenzene

Concen: 39.830 ng

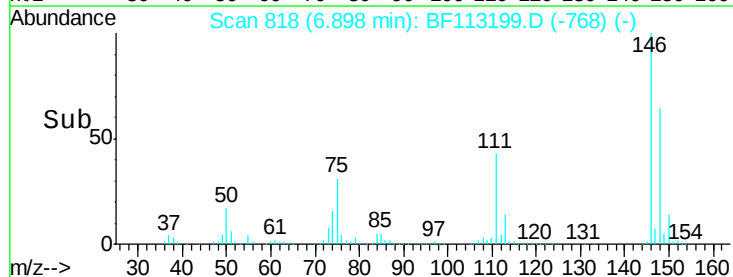
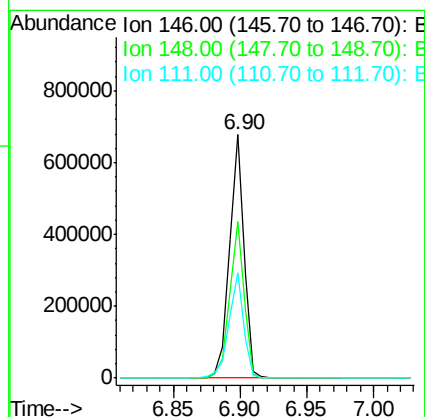
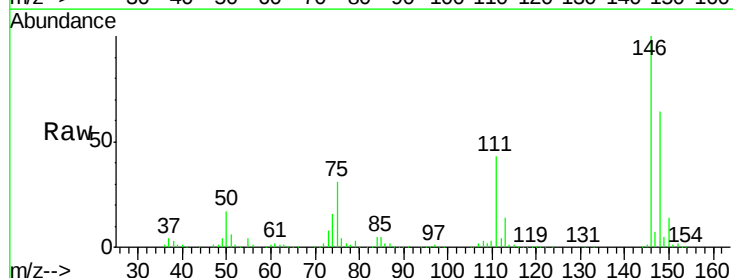
RT: 6.90 min Scan# 818

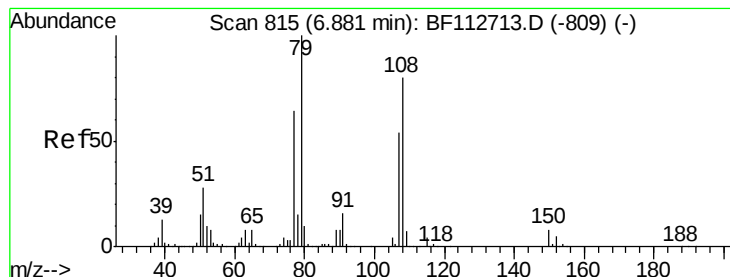
Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Tgt Ion:	146	Resp:	524439
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.0	78.0
111	43.0	34.8	52.2





#15

Benzyl Alcohol

Concen: 34.856 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 415838
Ion Ratio Lower Upper

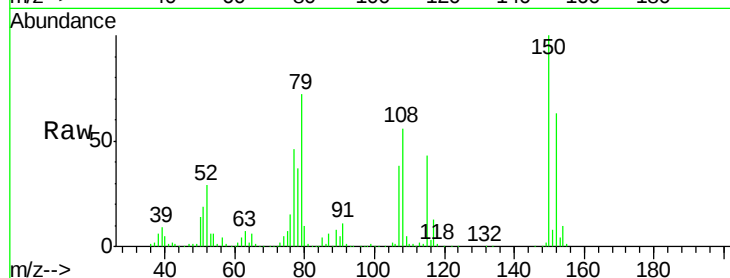
79 100

108 77.6 64.2 96.4

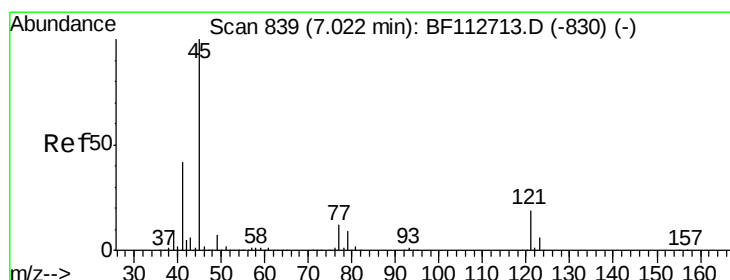
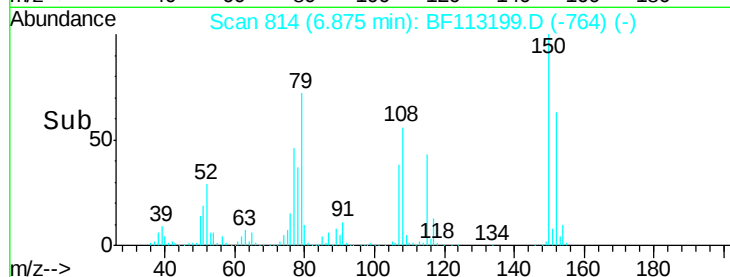
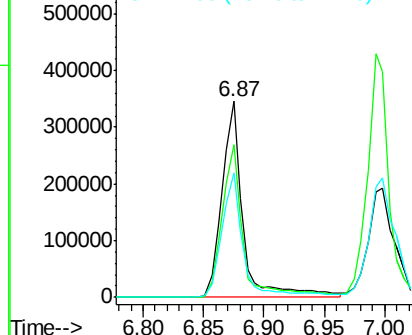
77 63.3 51.1 76.7

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.786 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF113199.D

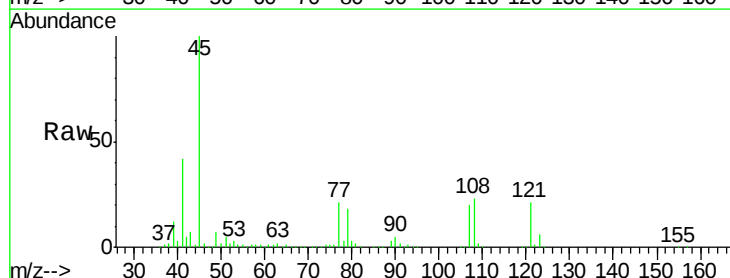
Acq: 21 Mar 2019 10:43

Tgt Ion: 45 Resp: 860250
Ion Ratio Lower Upper

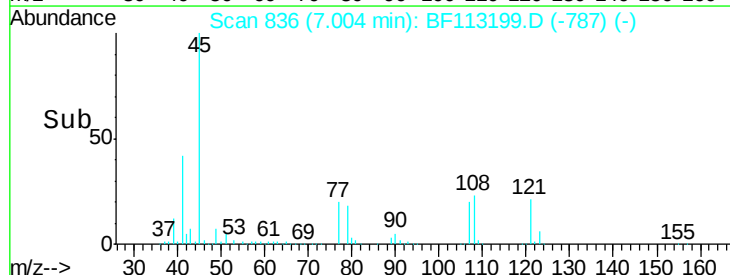
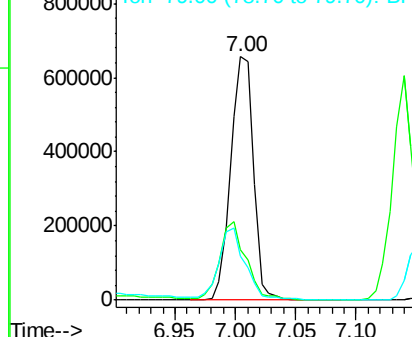
45 100

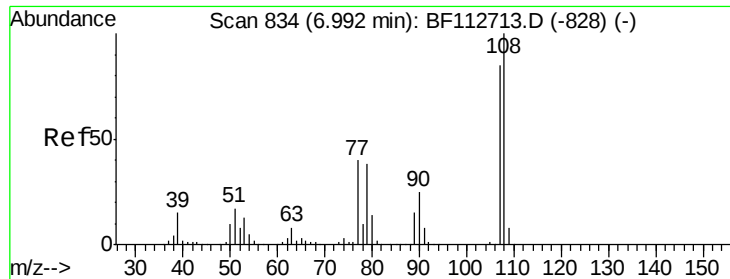
77 20.7 0.0 32.1

79 17.9 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





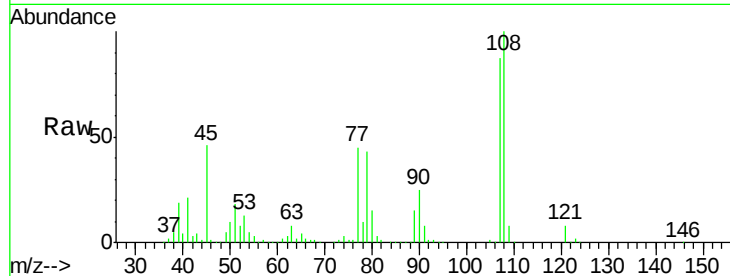
#17
 2-Methylphenol
 Concen: 40.980 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

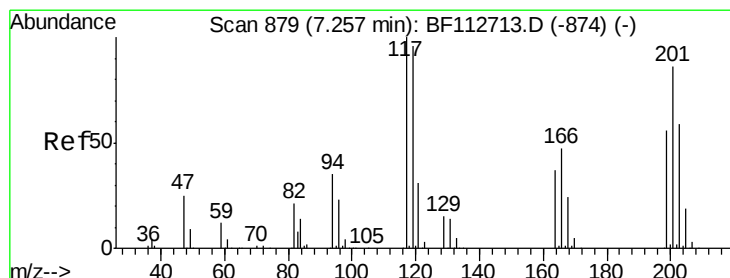
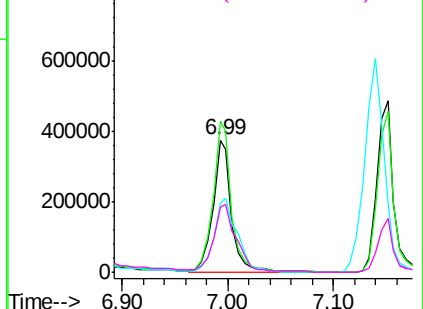
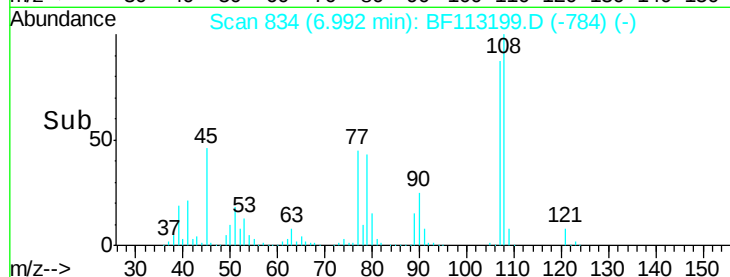
Tgt Ion:	107	Resp:	460917
Ion Ratio	Lower	Upper	
107	100		
108	114.9	94.6	142.0
77	52.2	37.8	56.8
79	49.6	36.2	54.2

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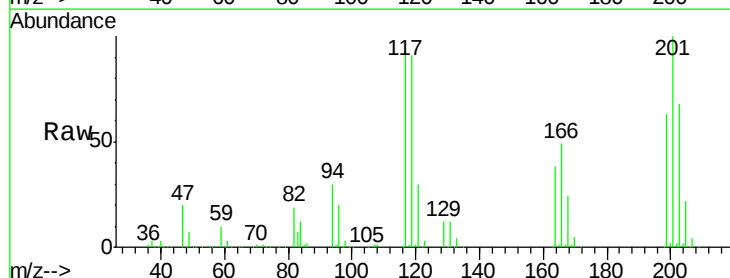


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF1
 Ion 79.00 (78.70 to 79.70): BF1

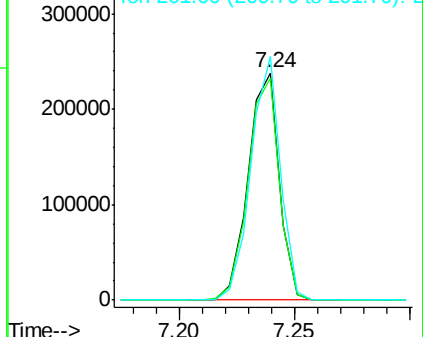
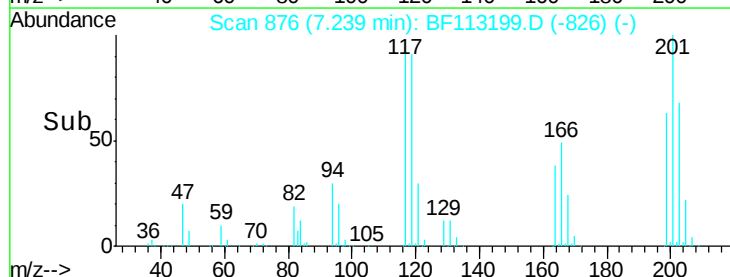


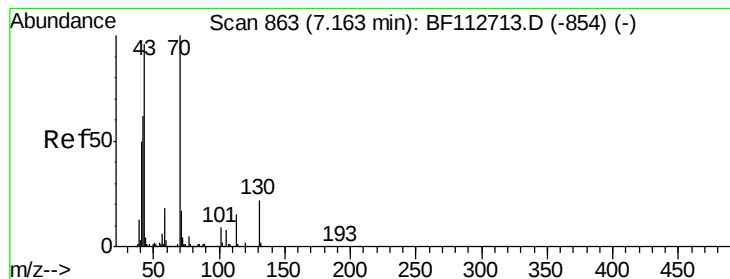
#18
 Hexachloroethane
 Concen: 40.764 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Tgt Ion:	117	Resp:	224281
Ion Ratio	Lower	Upper	
117	100		
119	97.5	76.6	115.0
201	107.2	68.9	103.3#



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.422 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

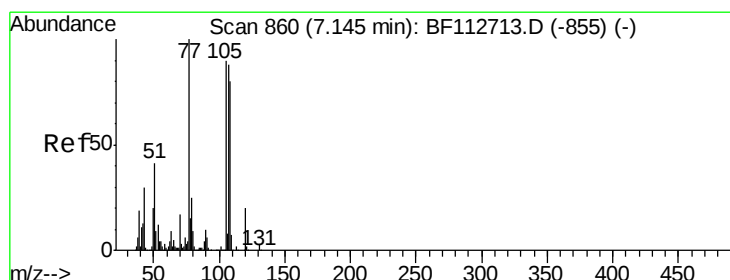
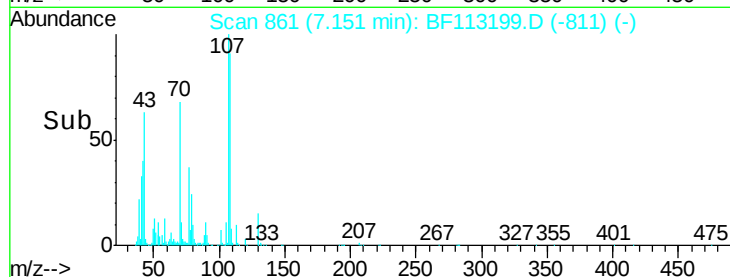
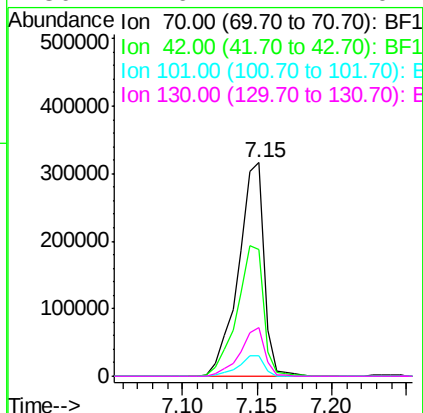
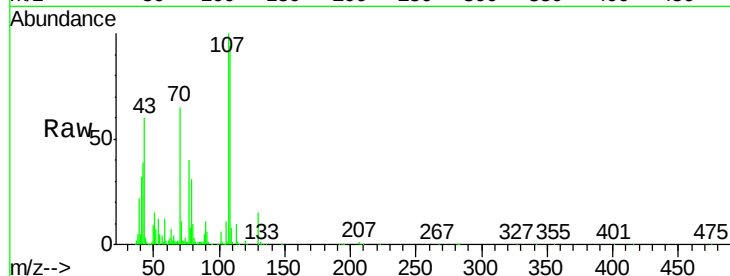
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.5	49.9	74.9
101	9.8	7.4	11.2
130	22.6	17.4	26.2

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#20

3+4-Methylphenols

Concen: 42.437 ng

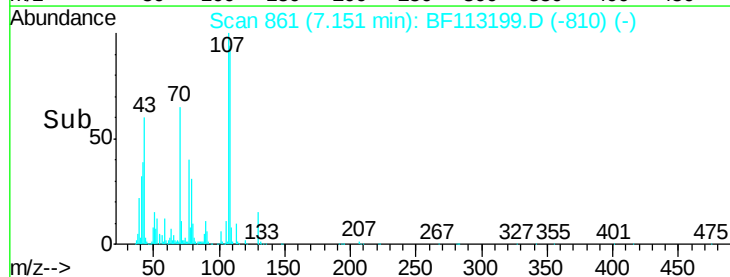
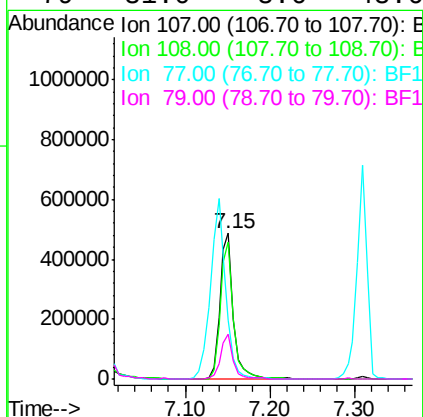
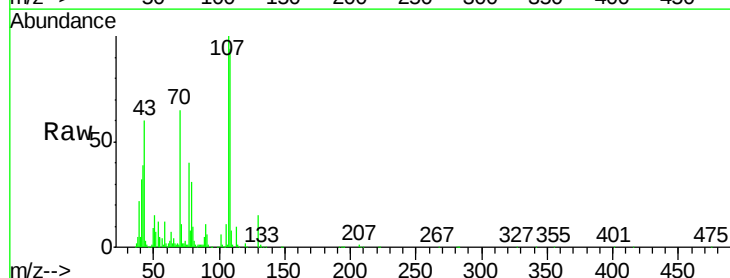
RT: 7.15 min Scan# 861

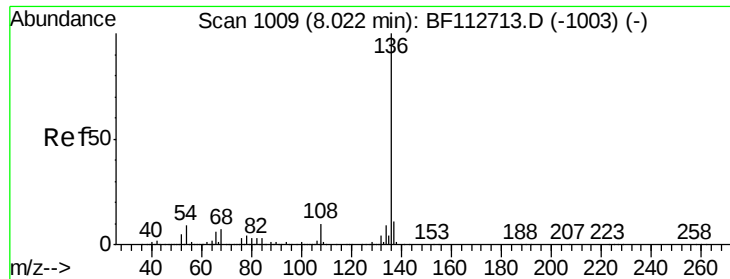
Delta R.T. -0.00 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	71.4	111.4
77	40.0	94.1	134.1#
79	31.0	8.6	48.6





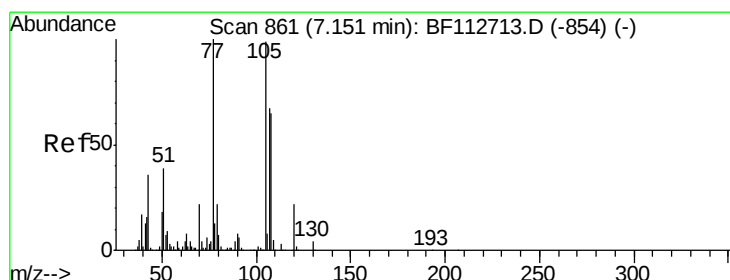
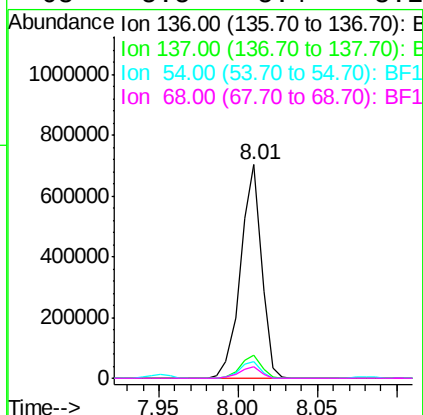
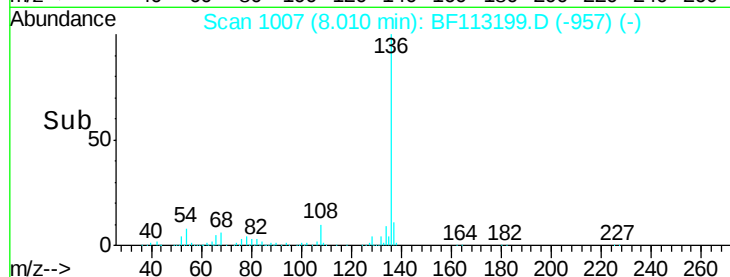
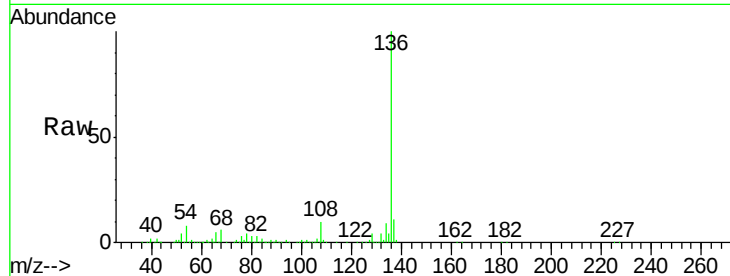
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.7	8.9	13.3
54	7.9	7.3	10.9
68	5.5	5.4	8.2

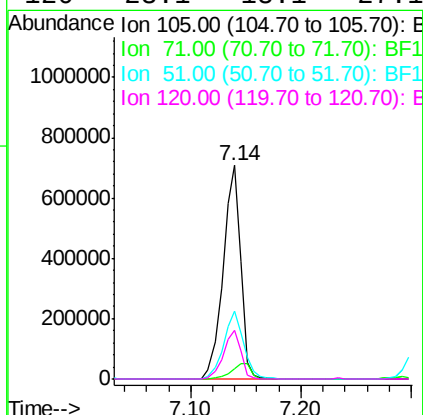
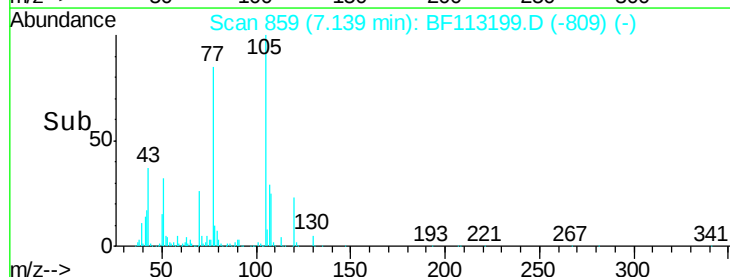
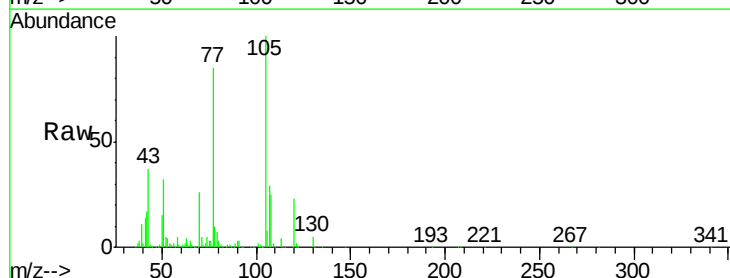
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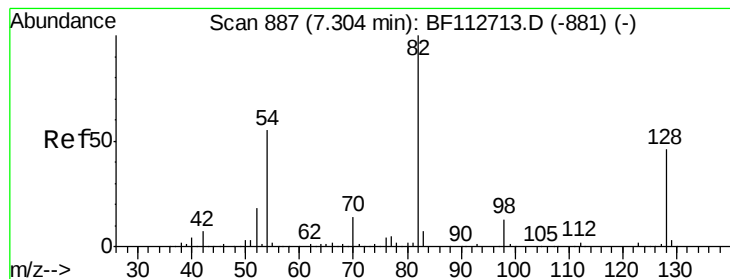
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#22
Acetophenone
Concen: 52.153 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	4.5	3.0	4.4#
51	31.8	31.5	47.3
120	23.1	18.1	27.1





#23

Nitrobenzene-d5

Concen: 106.134 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1140013

Ion Ratio Lower Upper

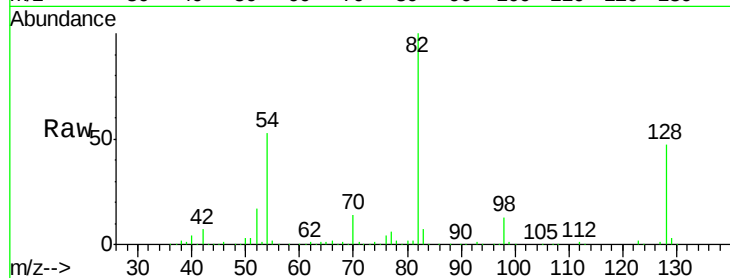
82 100

128 46.9 36.3 54.5

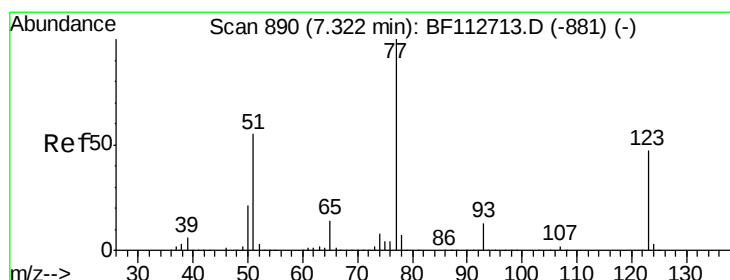
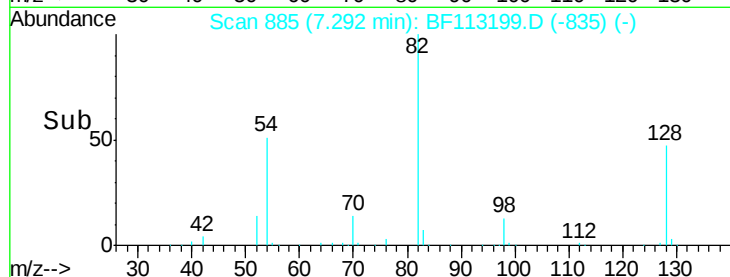
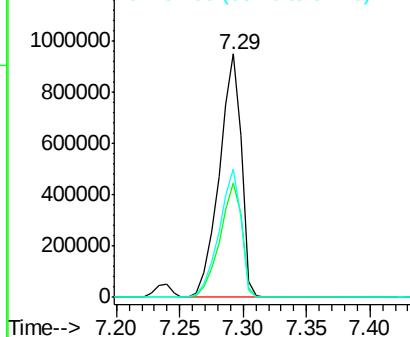
54 52.8 43.7 65.5

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



#24

Nitrobenzene

Concen: 49.469 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

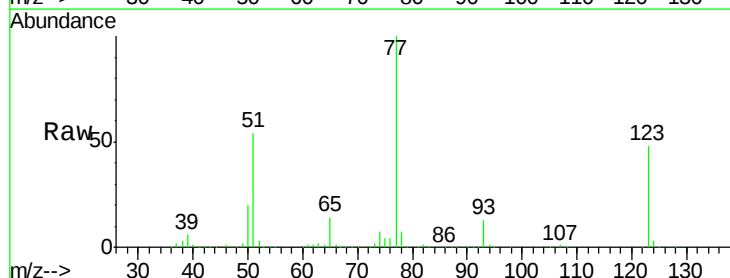
Tgt Ion: 77 Resp: 591403

Ion Ratio Lower Upper

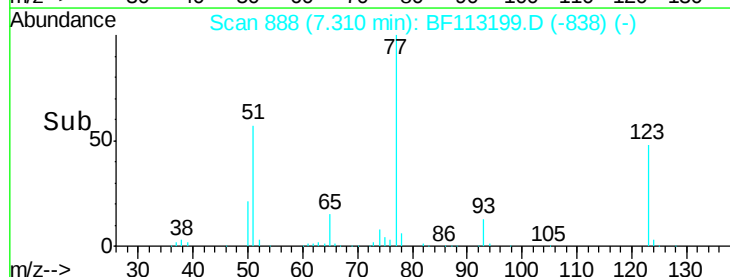
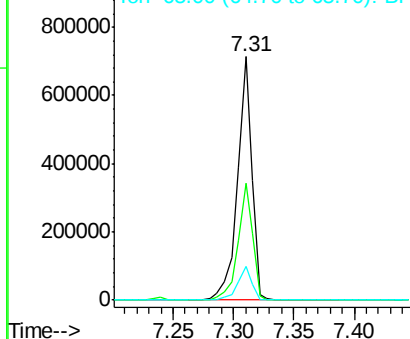
77 100

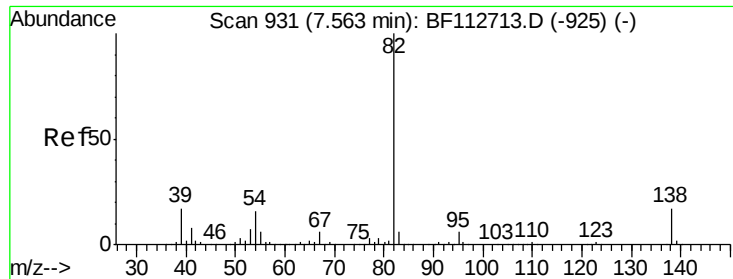
123 48.3 37.8 56.6

65 14.1 11.1 16.7



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





#25

Isophorone

Concen: 44.120 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1020947

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

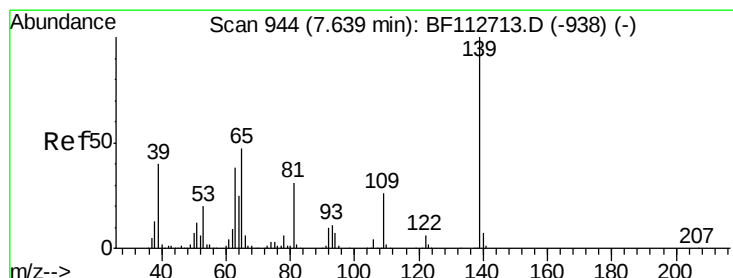
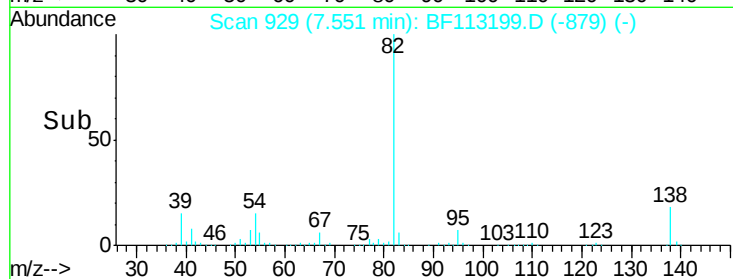
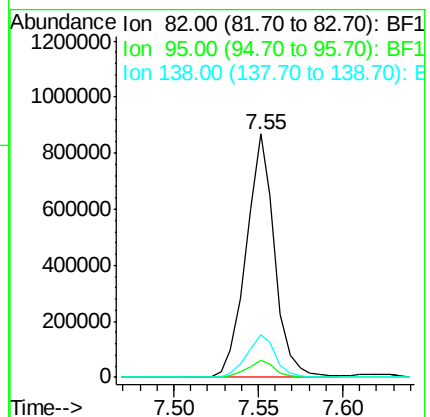
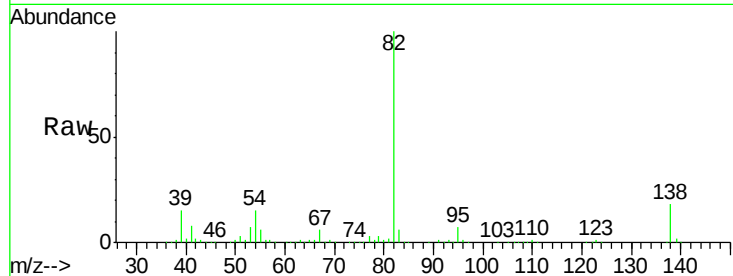
138 17.8 13.8 20.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 60.149 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

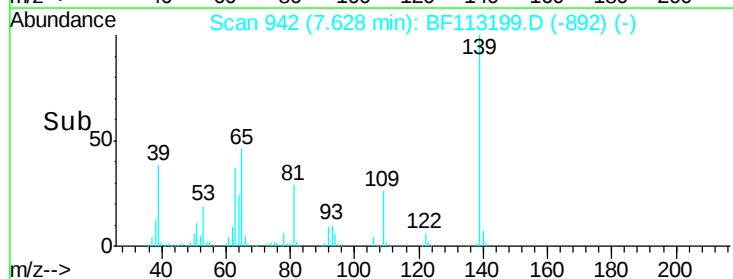
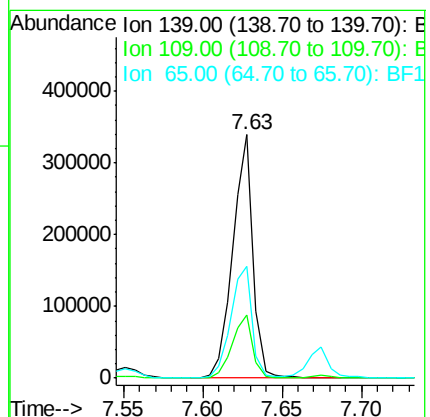
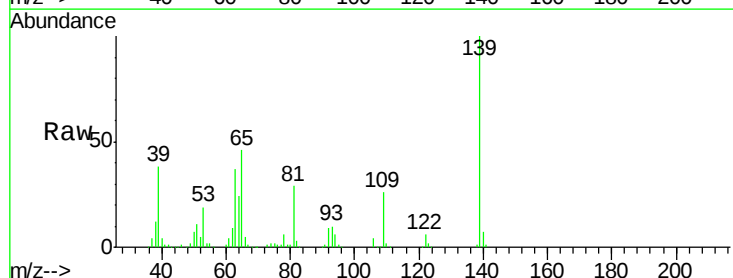
Tgt Ion: 139 Resp: 299340

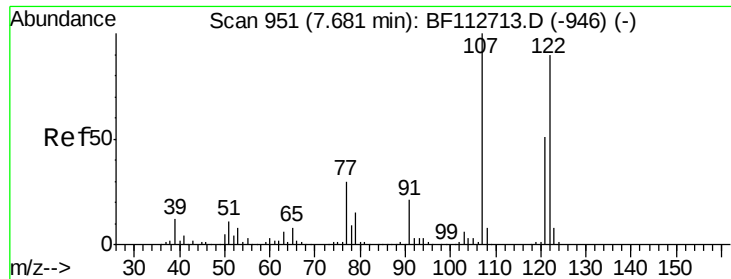
Ion Ratio Lower Upper

139 100

109 25.9 20.6 31.0

65 46.0 37.9 56.9





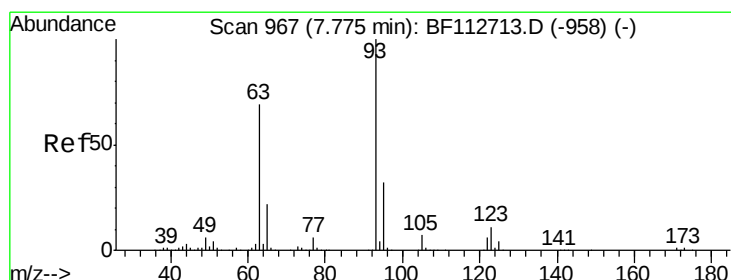
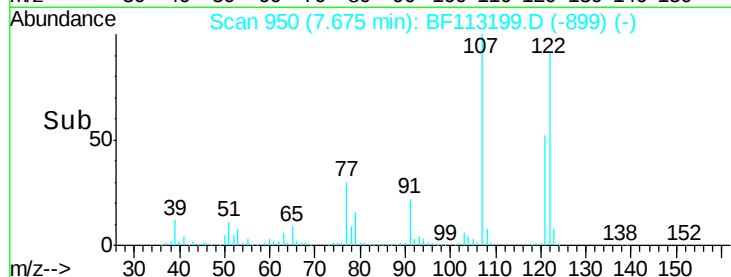
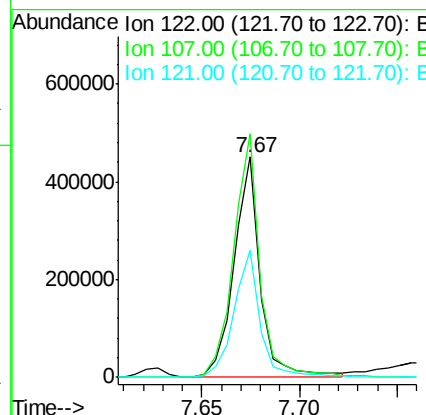
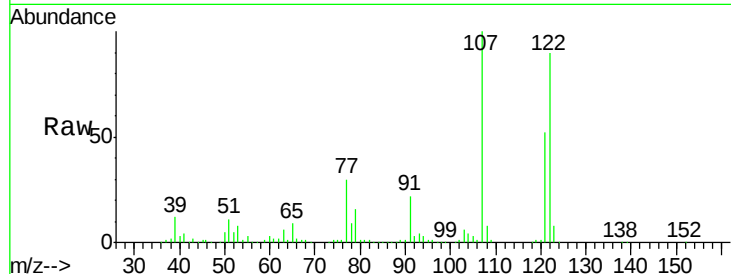
#27
2,4-Dimethylphenol
Concen: 45.283 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	419252		
107	110.5	89.4	134.0	
121	57.5	45.5	68.3	

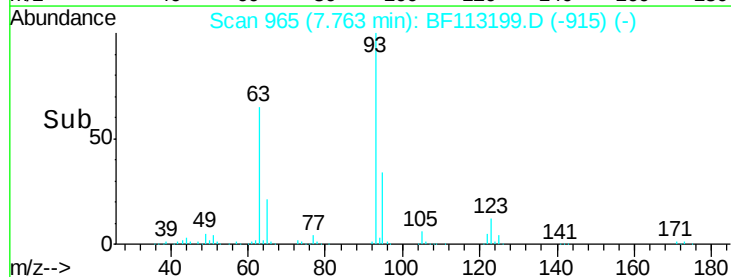
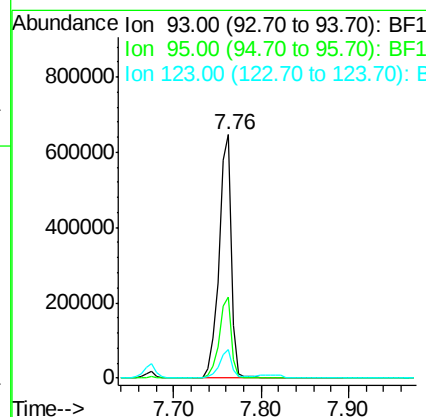
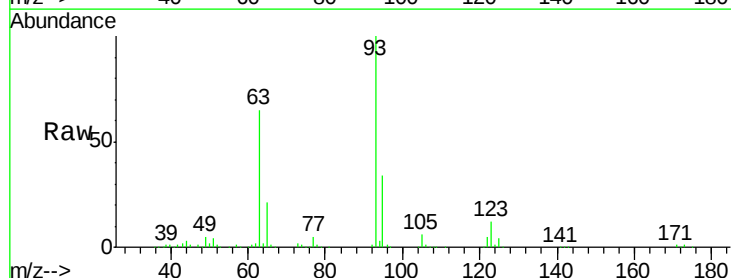
Manual Integrations
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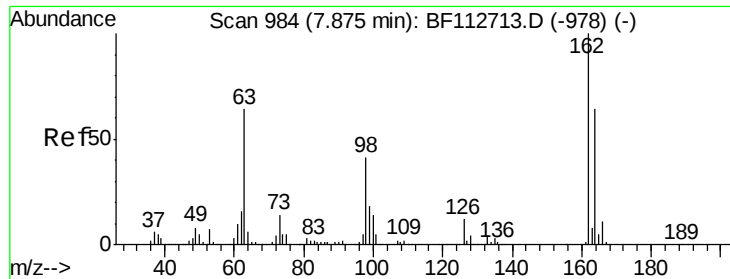
Sohil
3/22/2019 3:35:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.719 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	632507		
95	33.5	26.0	39.0	
123	12.0	9.3	13.9	





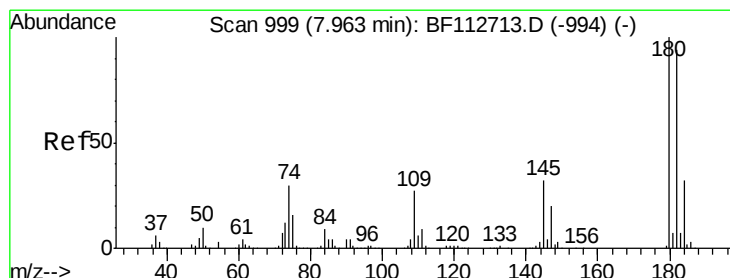
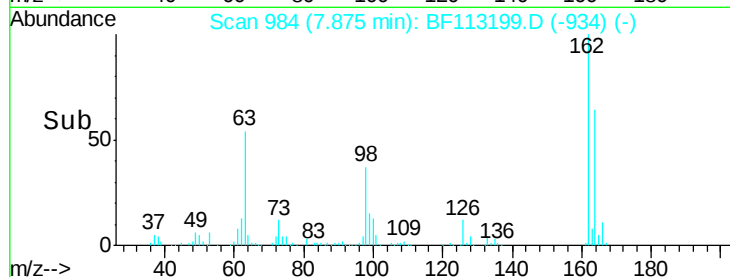
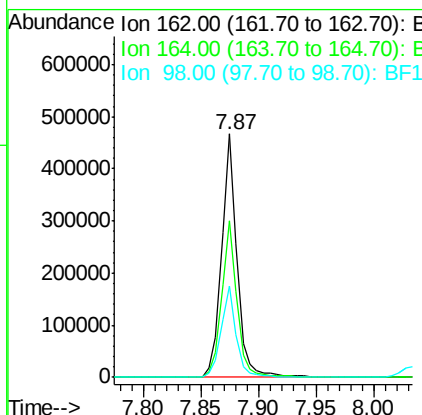
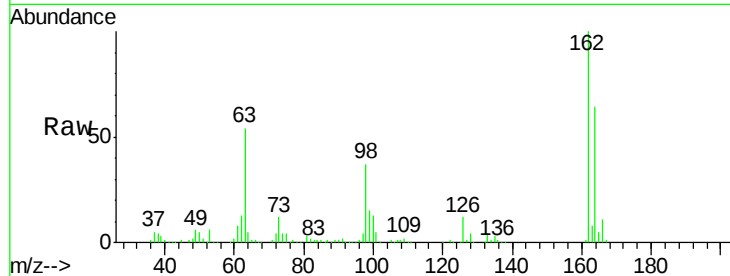
#29
2,4-Dichlorophenol
Concen: 48.725 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	437470		
164	64.5	44.0	84.0	
98	37.4	20.7	60.7	

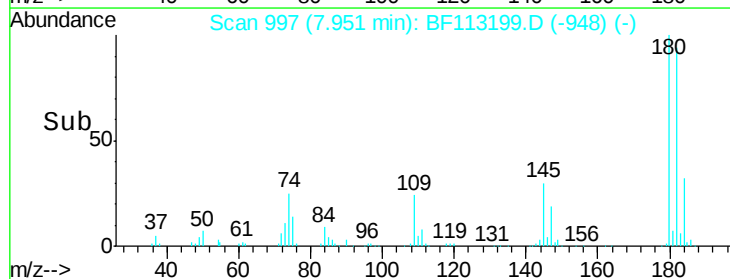
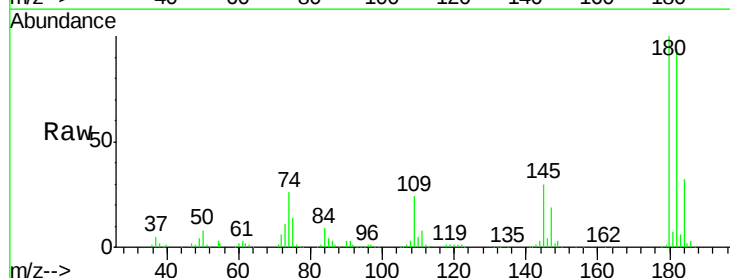
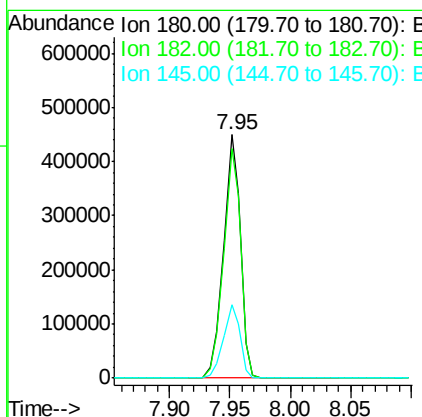
Manual Integrations
APPROVED

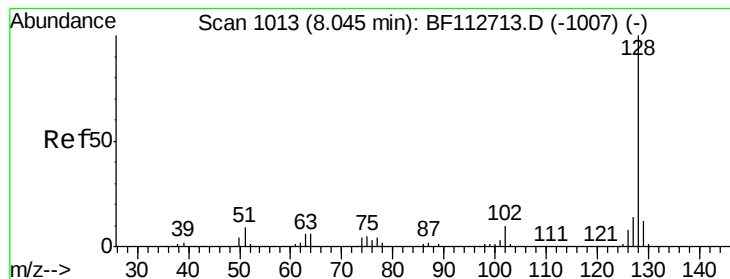
Sohil
3/22/2019 3:35:45 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.106 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	435150		
182	94.4	75.2	112.8	
145	30.2	25.4	38.0	





#31

Naphthalene

Concen: 40.747 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1300243

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

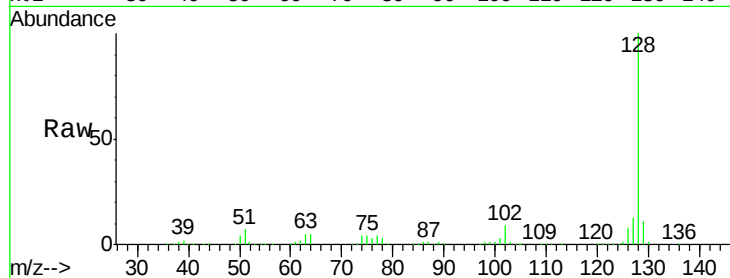
127 13.5 10.9 16.3

Manual Integrations

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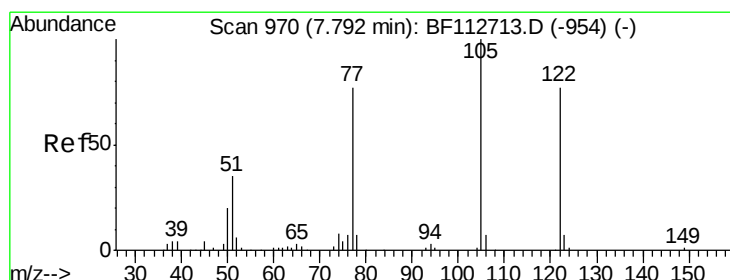
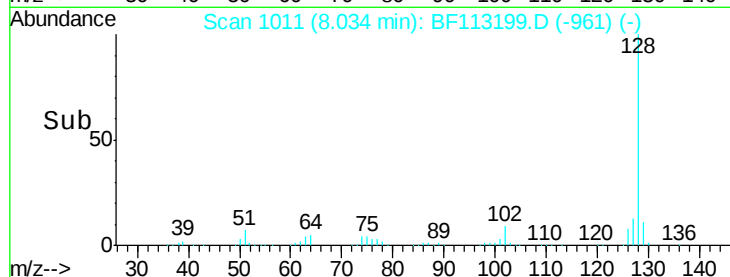
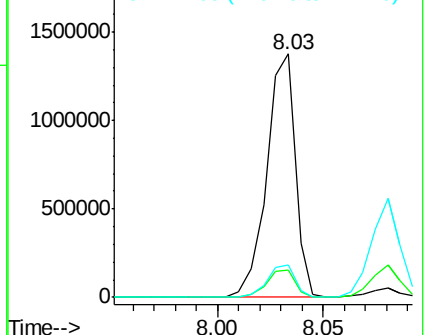
3/22/2019 3:35:45 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.906 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

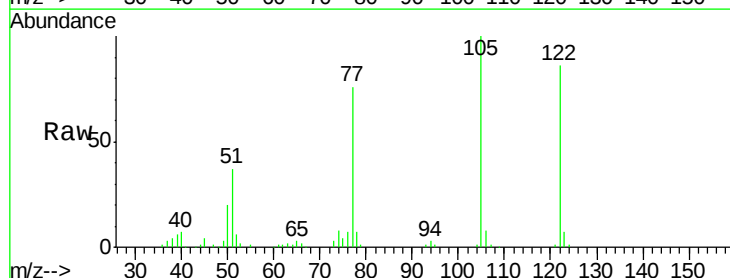
Tgt Ion:122 Resp: 323846

Ion Ratio Lower Upper

122 100

105 116.9 106.8 146.8

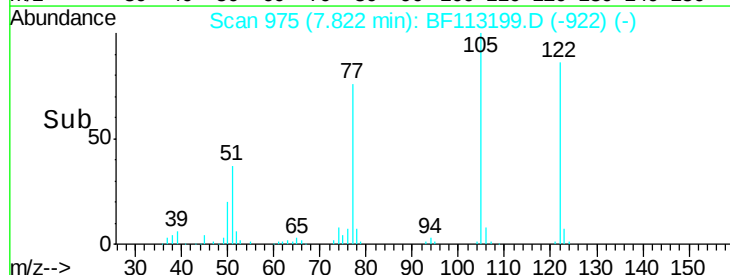
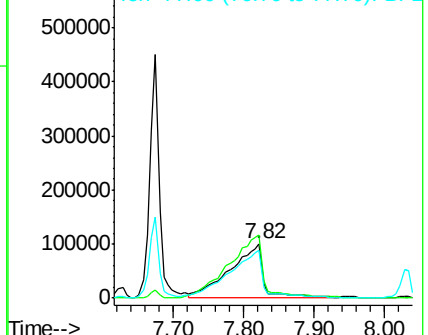
77 88.8 79.4 119.4

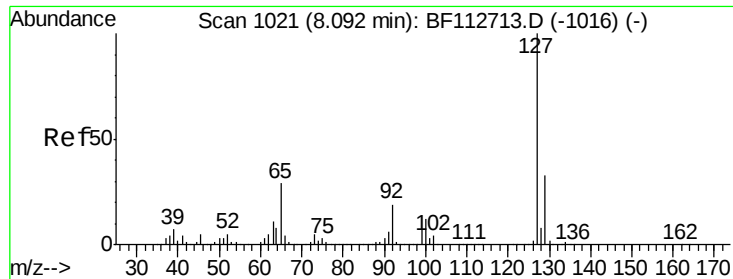


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





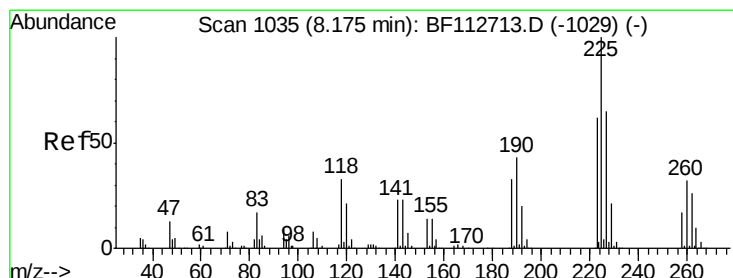
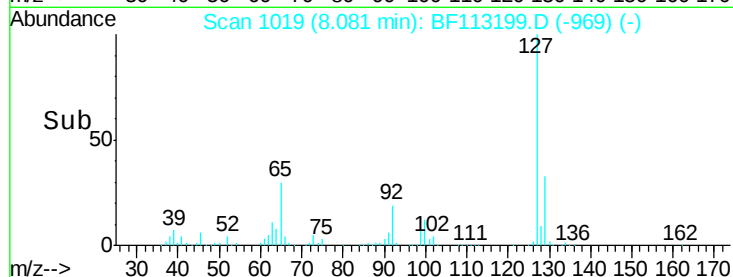
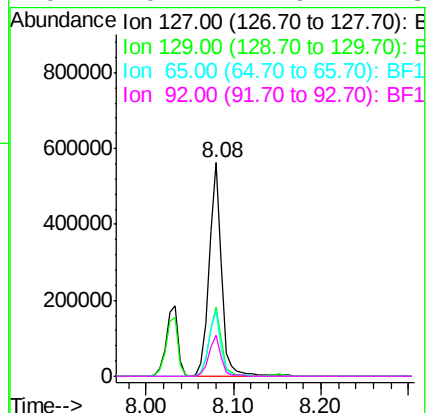
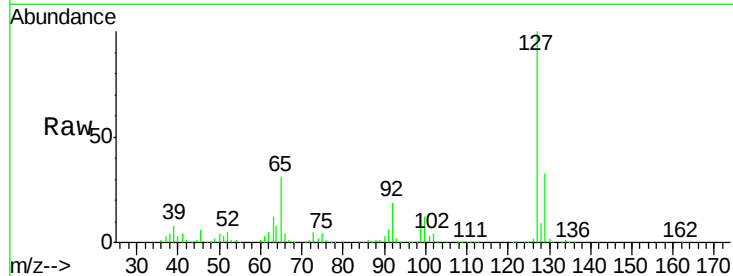
#33
4-Chloroaniline
Concen: 40.758 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.4	39.6	
65	30.8	23.1	34.7	
92	19.2	14.9	22.3	

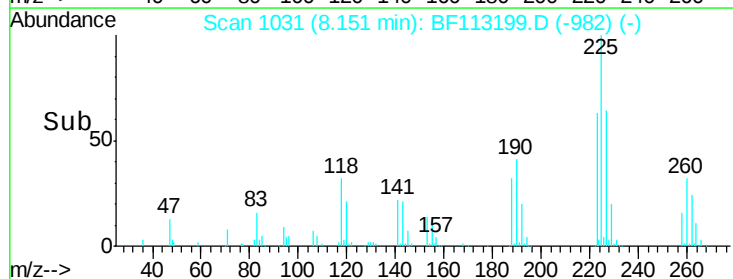
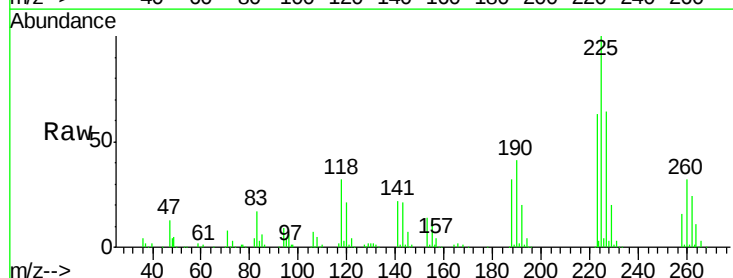
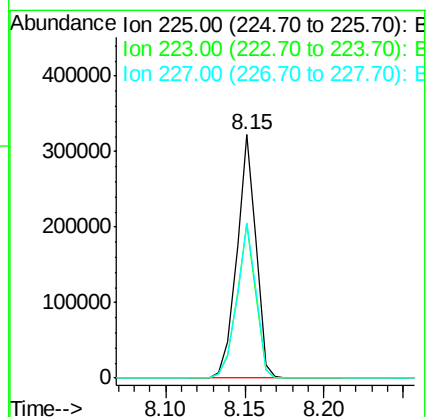
Manual Integrations
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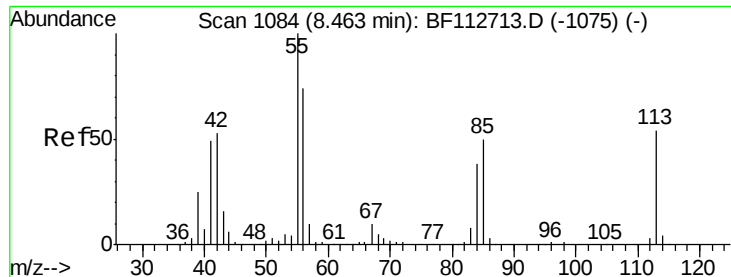
Sohil
3/22/2019 3:35:45 PM



#34
Hexachlorobutadiene
Concen: 49.610 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	49.7	74.5	
227	63.5	52.1	78.1	





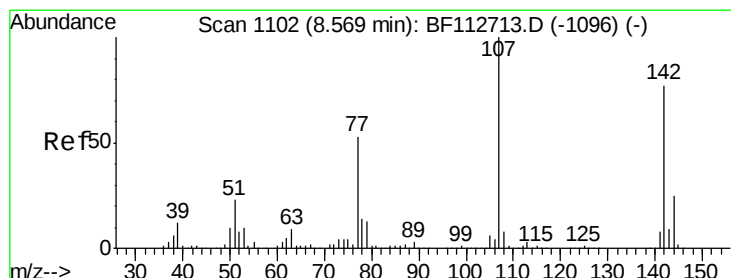
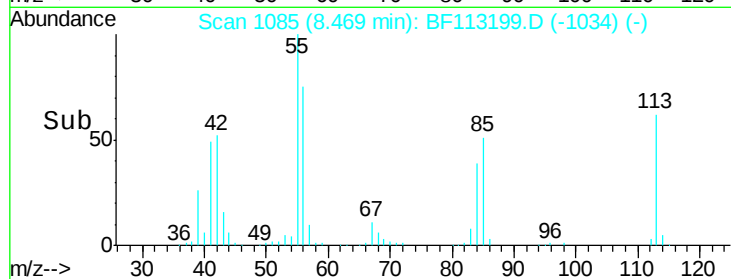
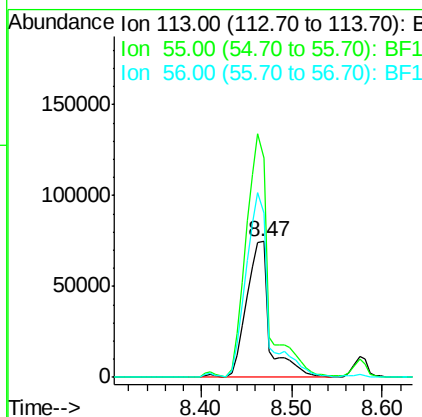
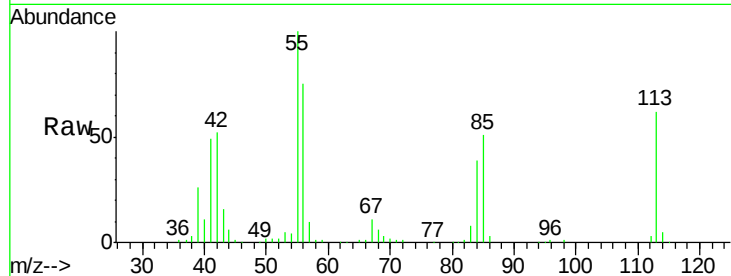
#35
 Caprolactam
 Concen: 41.990 ng m
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 132783
 Ion Ratio Lower Upper
 113 100
 55 162.0 163.5 203.5#
 56 121.2 115.3 155.3

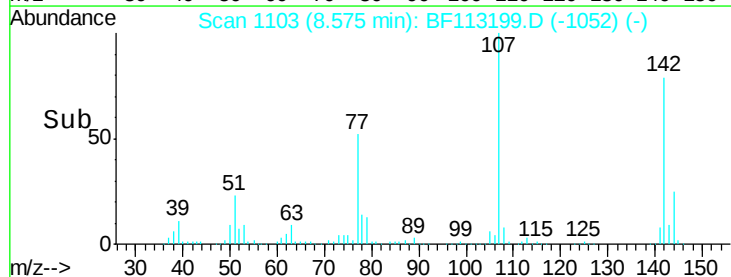
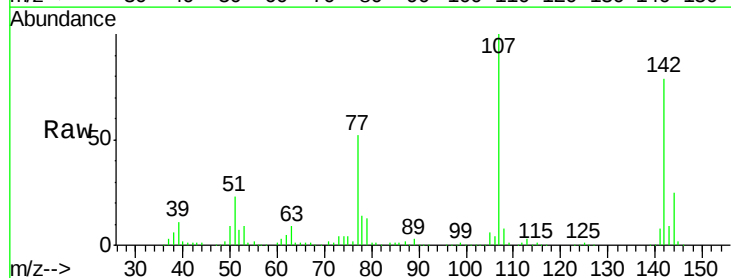
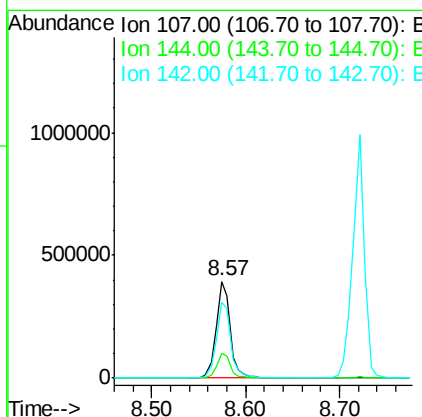
Manual Integrations
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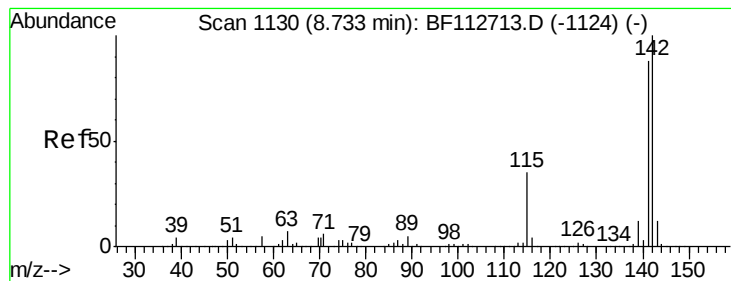
Sohil
 3/22/2019 3:35:45 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.262 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Tgt Ion:107 Resp: 419925
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.1 30.1
 142 78.9 61.9 92.9





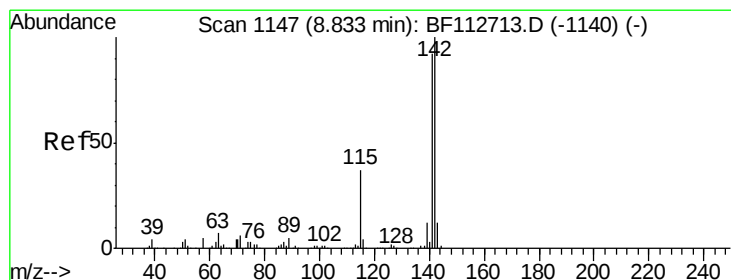
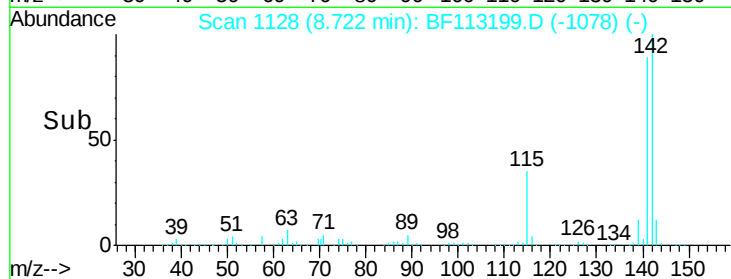
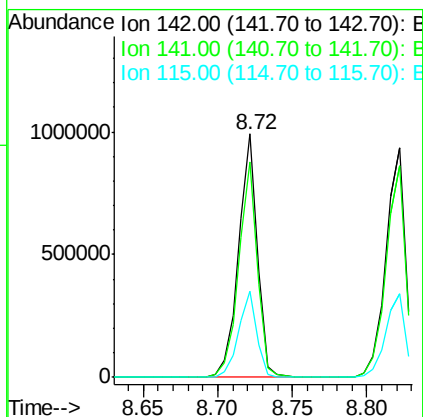
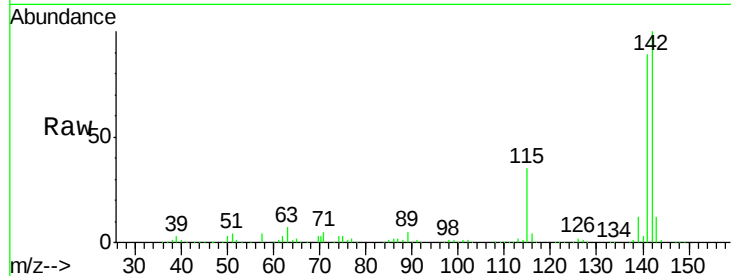
#37
2-Methylnaphthalene
Concen: 42.290 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	35.4	27.8	41.6

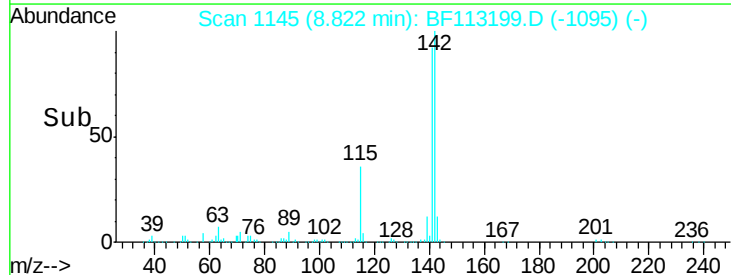
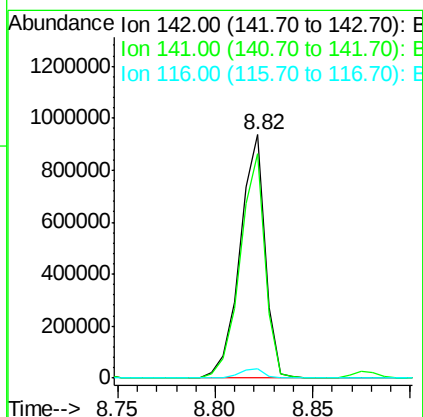
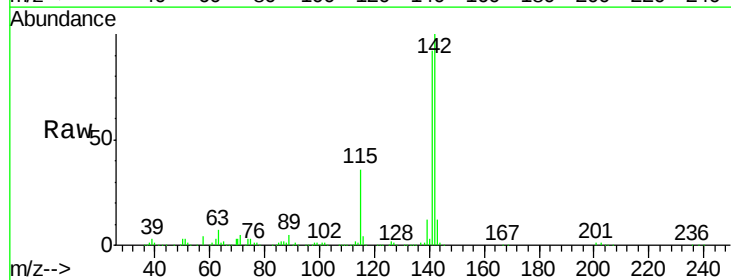
Manual Integrations
APPROVED

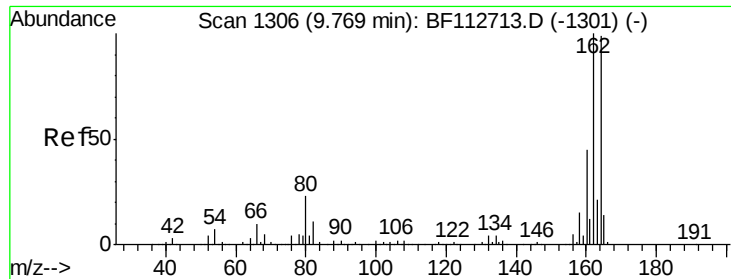
Sohil
3/22/2019 3:35:45 PM



#38
1-Methylnaphthalene
Concen: 41.895 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.7	110.5
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

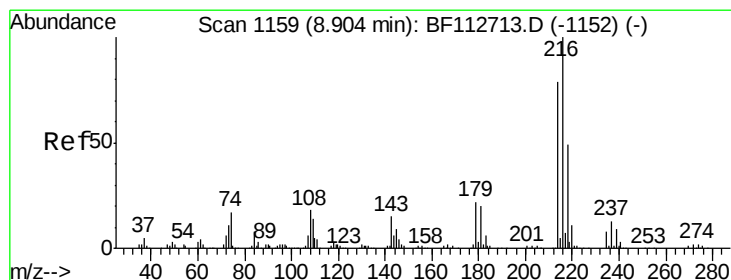
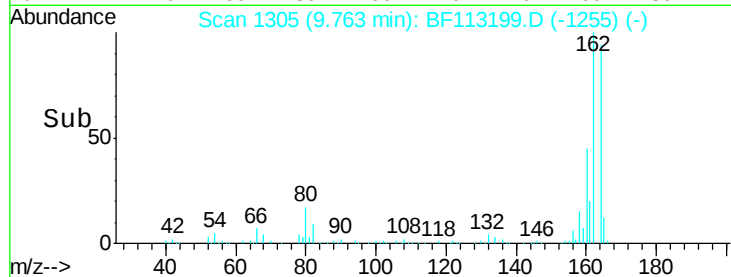
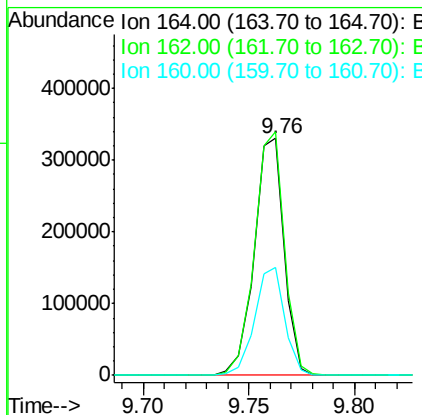
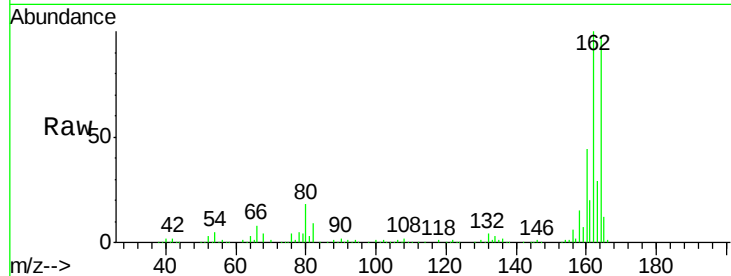
ClientSampleId :

SSTDCCC040

Tgt Ion:	164	Resp:	325361
Ion Ratio	Lower	Upper	
164	100		
162	102.8	80.6	120.8
160	45.6	36.0	54.0

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.698 ng

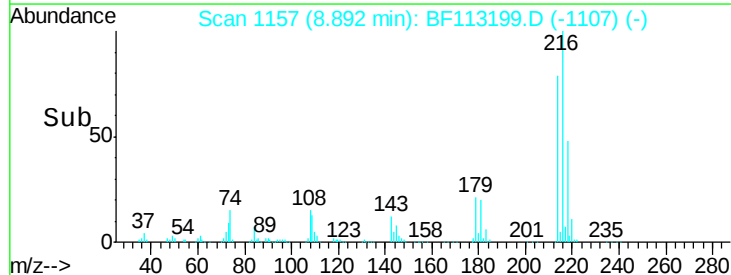
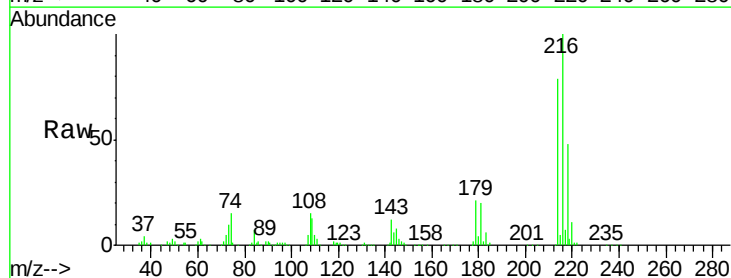
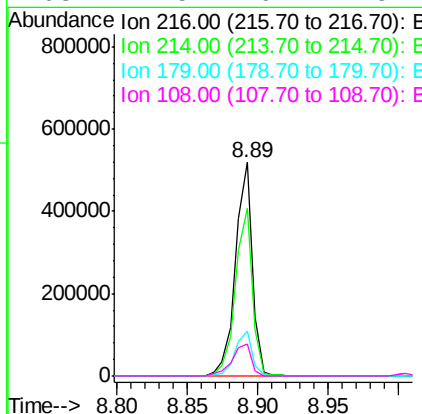
RT: 8.89 min Scan# 1157

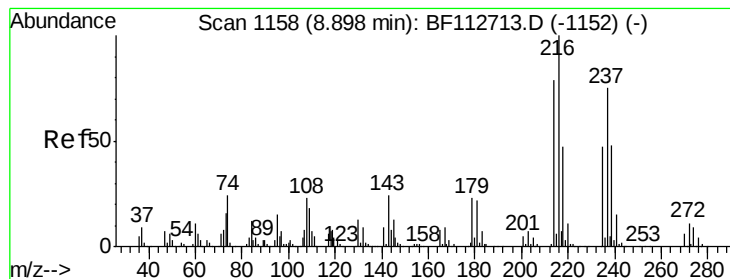
Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Tgt Ion:	216	Resp:	433575
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.2	94.8
179	20.9	17.5	26.3
108	17.5	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 38.956 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

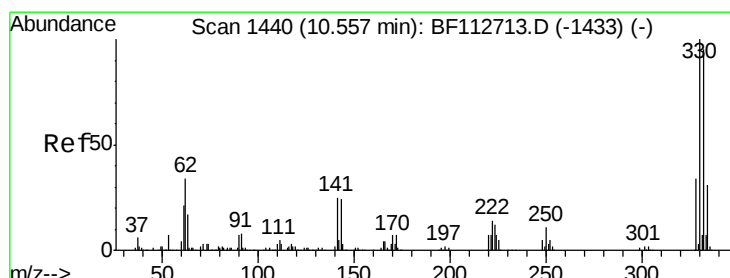
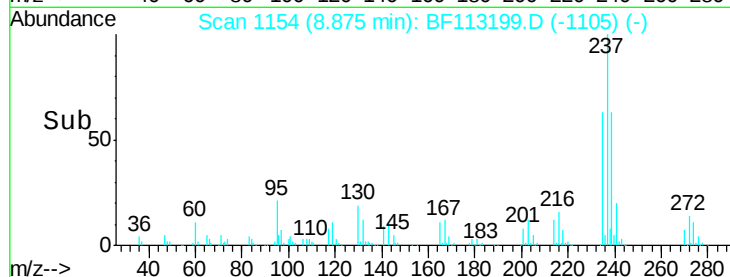
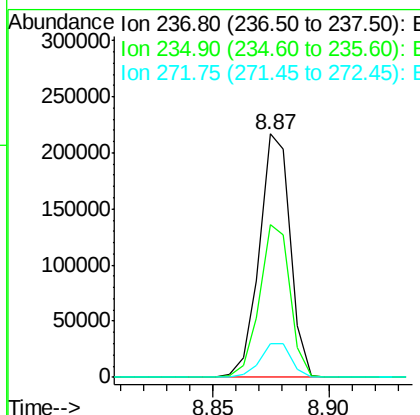
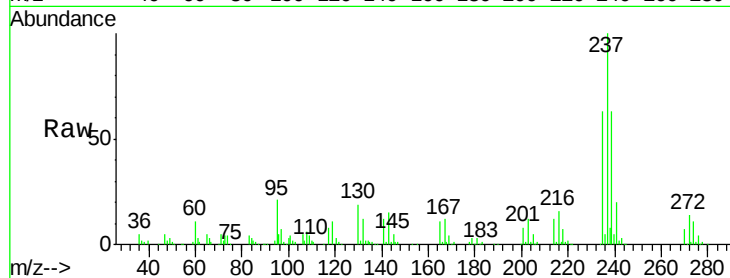
ClientSampleId :

SSTDCCC040

Tgt Ion:	237	Resp:	202399
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.2	82.2
272	13.9	0.0	34.0

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 99.011 ng

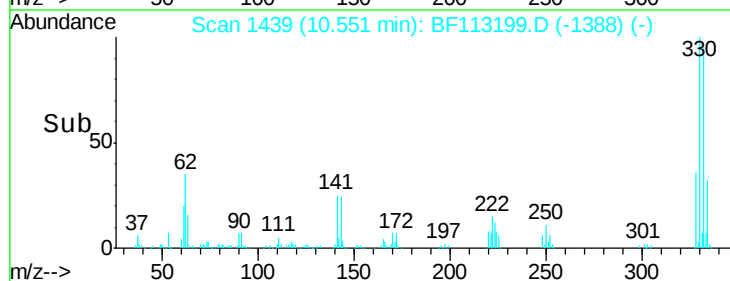
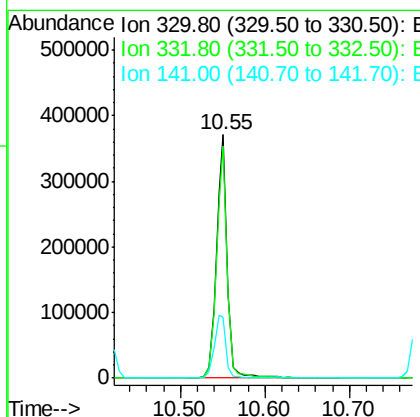
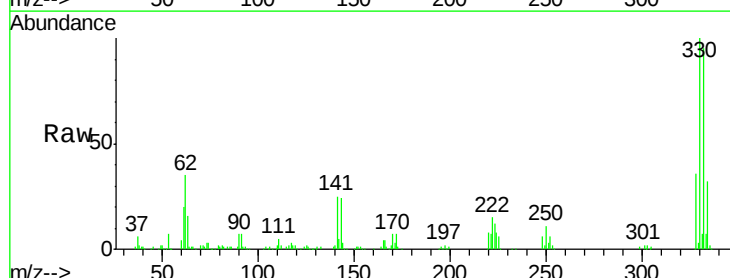
RT: 10.55 min Scan# 1439

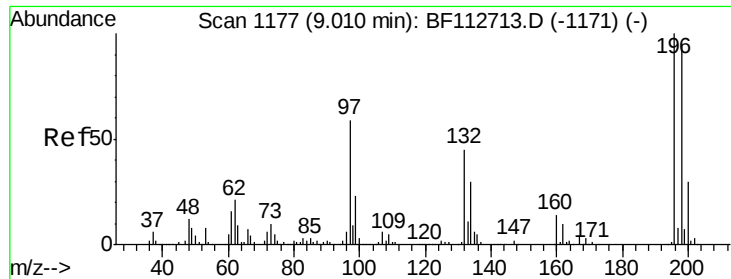
Delta R.T. -0.00 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Tgt Ion:	330	Resp:	341996
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.2	114.4
141	28.4	27.0	40.6





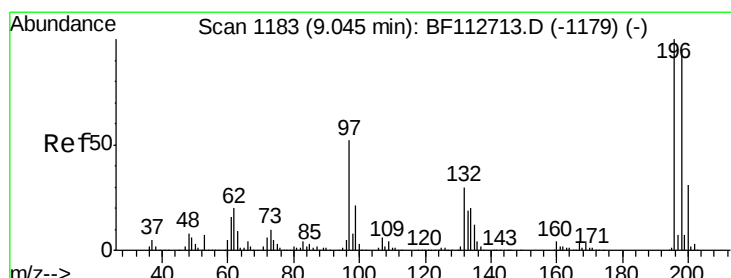
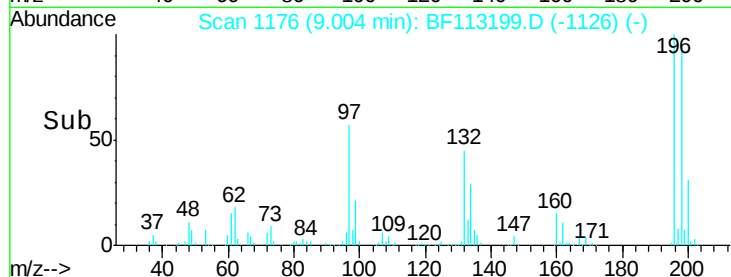
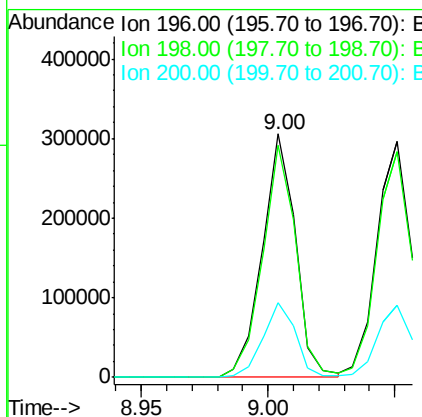
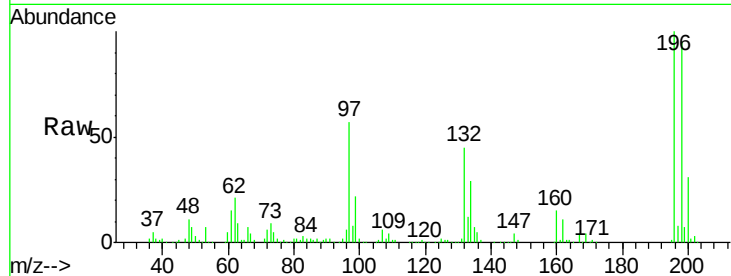
#43
 2,4,6-Trichlorophenol
 Concen: 43.208 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	282142		
198	95.1	75.8	113.8	
200	30.5	24.3	36.5	

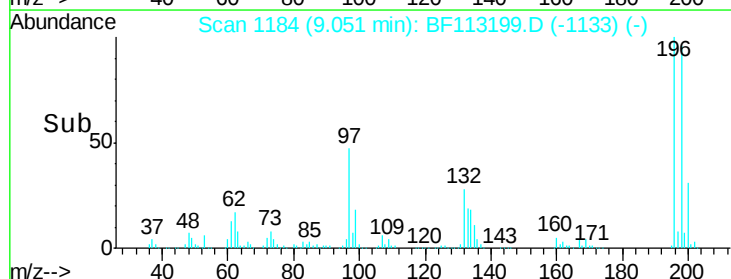
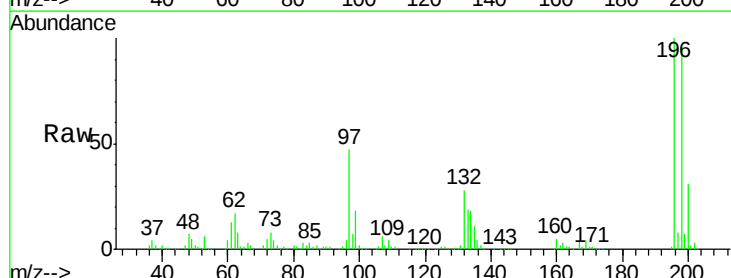
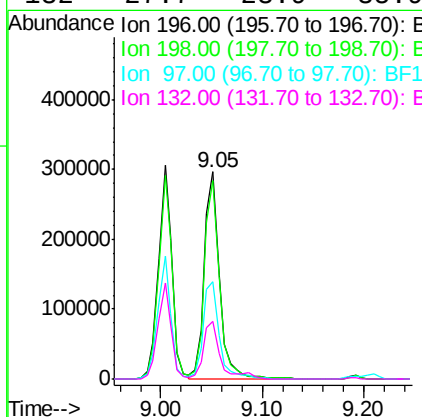
Manual Integrations
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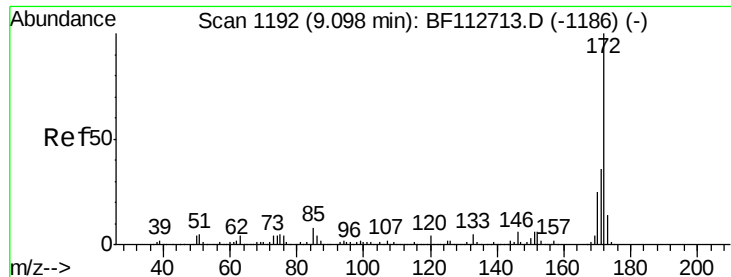
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#44
 2,4,5-Trichlorophenol
 Concen: 43.671 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	308226		
198	95.5	76.2	114.2	
97	47.2	41.5	62.3	
132	27.7	23.9	35.9	





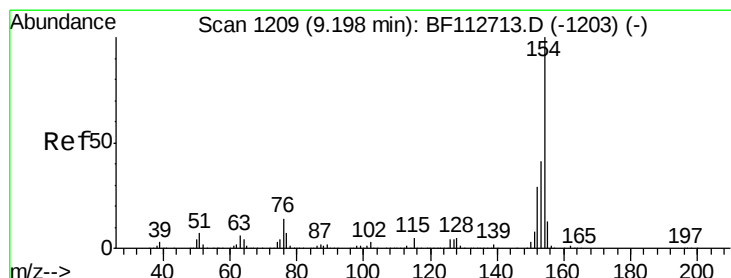
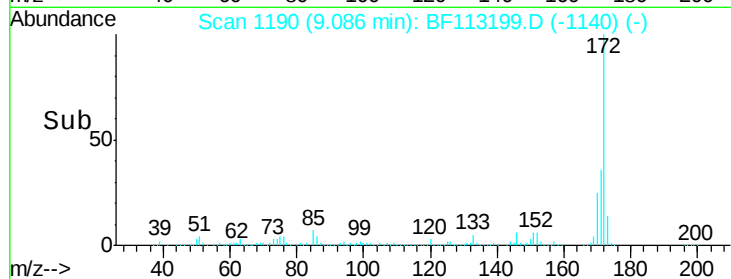
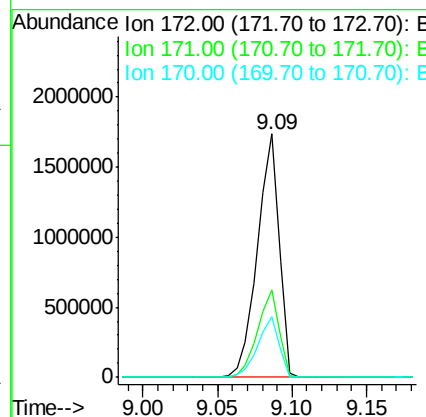
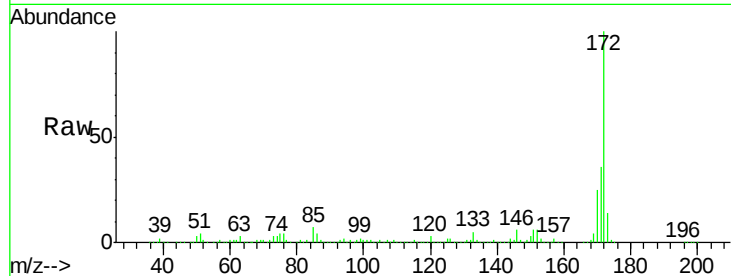
#45
2-Fluorobiphenyl
Concen: 89.807 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.9	20.0	30.0

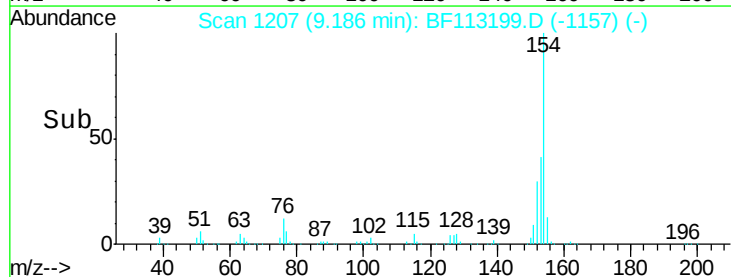
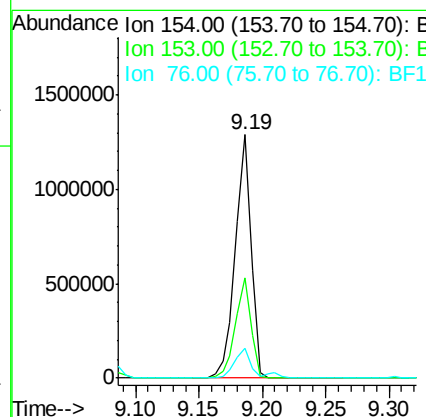
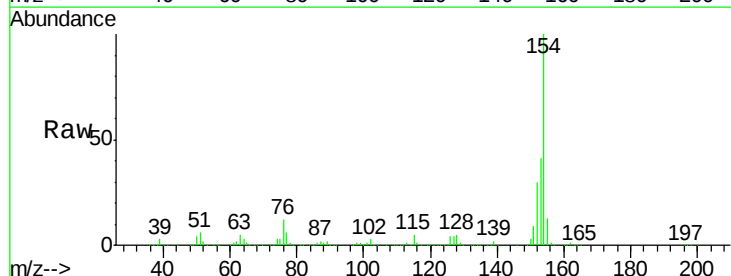
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APPROVED

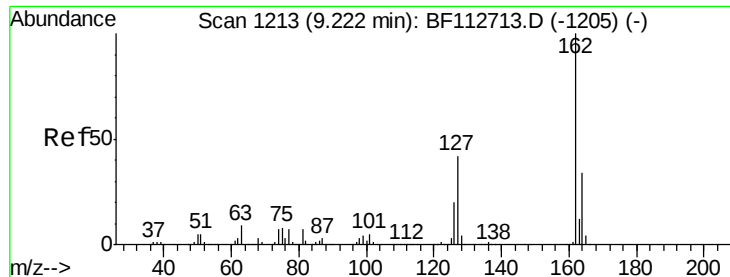
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#46
1,1'-Biphenyl
Concen: 41.819 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	12.3	0.0	33.8





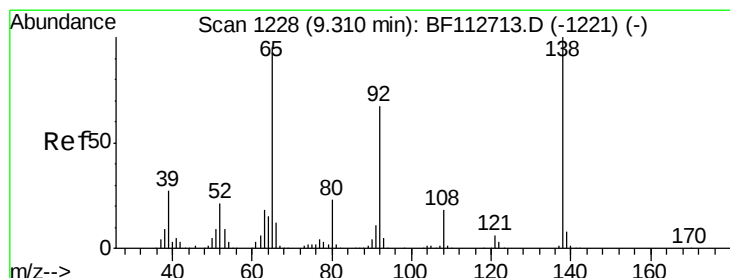
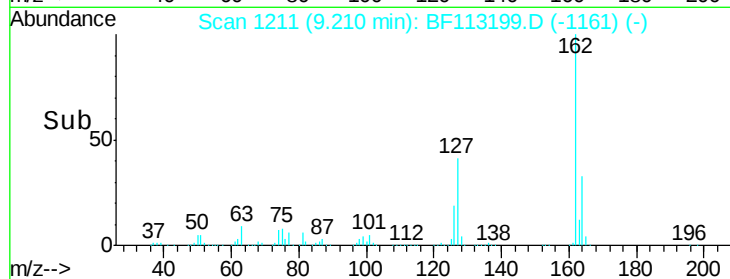
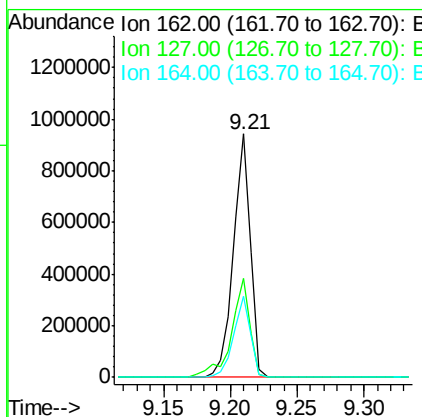
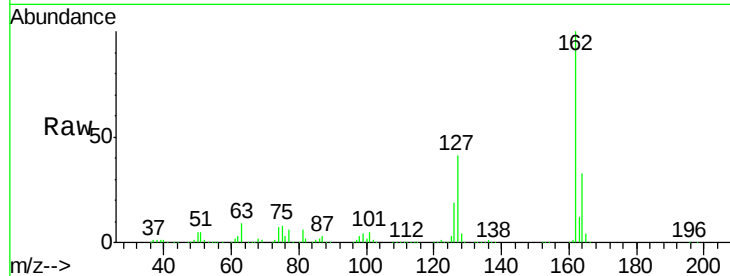
#47
 2-Chloronaphthalene
 Concen: 41.026 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	162	Resp:	850139
Ion Ratio	Lower	Upper	
162	100		
127	40.5	33.4	50.2
164	33.1	26.9	40.3

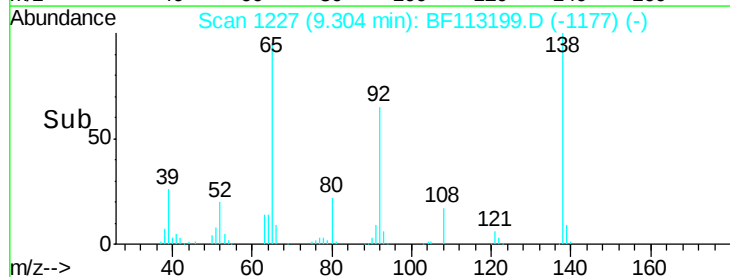
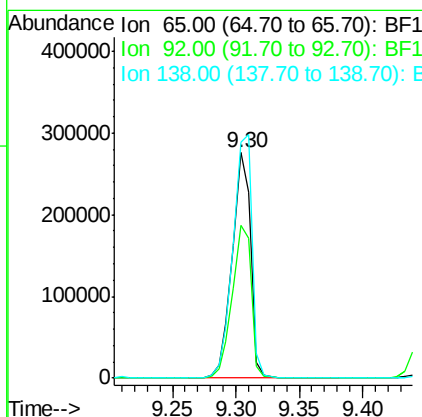
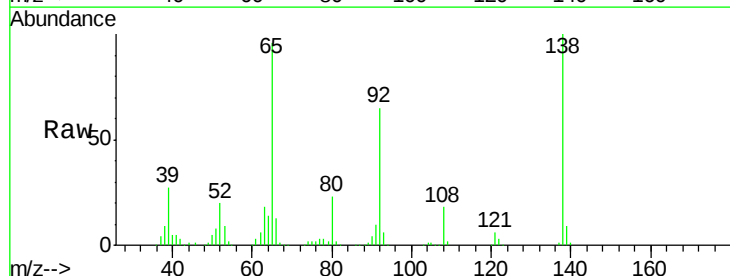
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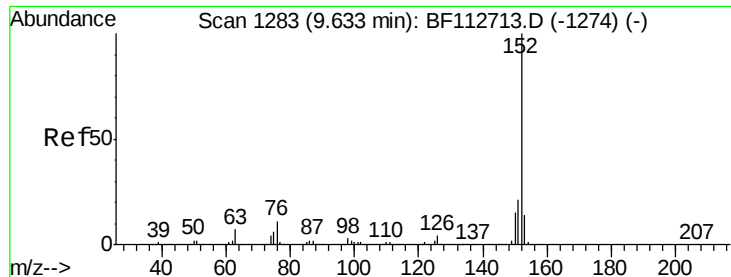
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#48
 2-Nitroaniline
 Concen: 43.976 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Tgt Ion:	65	Resp:	276988
Ion Ratio	Lower	Upper	
65	100		
92	67.9	56.4	84.6
138	104.6	84.6	126.8





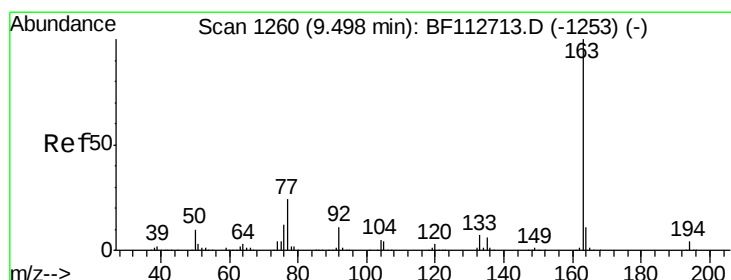
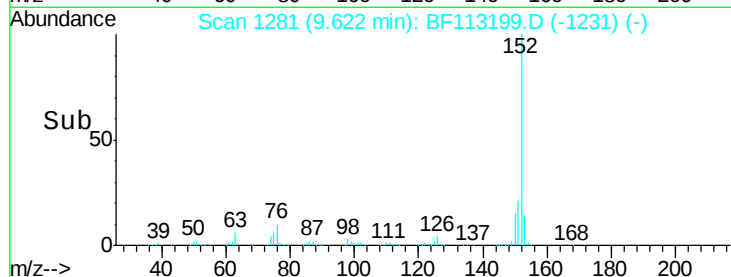
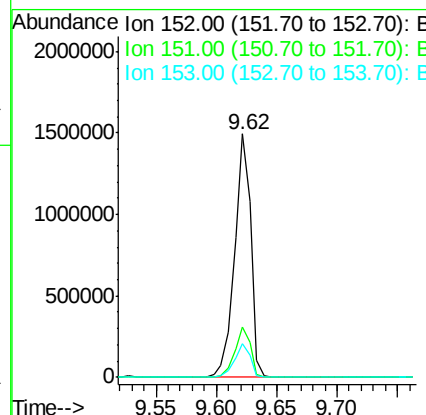
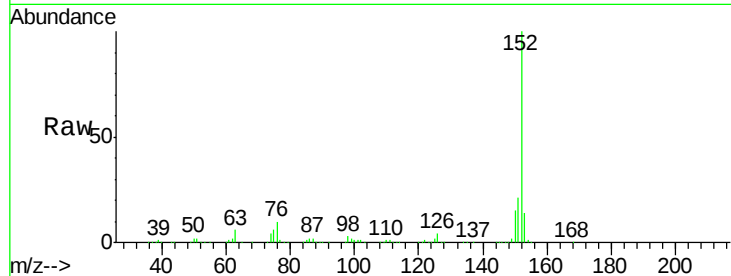
#49
Acenaphthylene
Concen: 39.337 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1383833
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.9 11.0 16.6

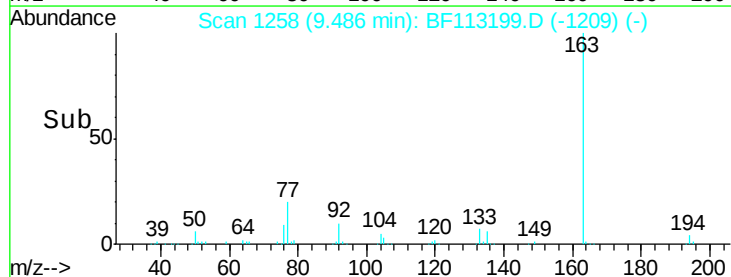
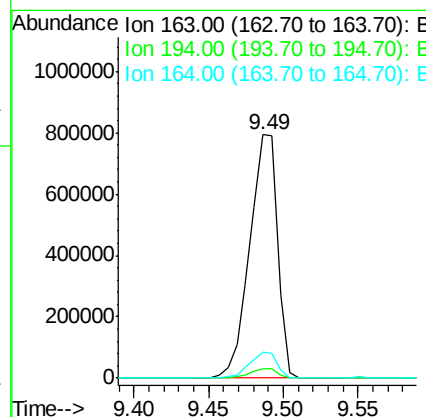
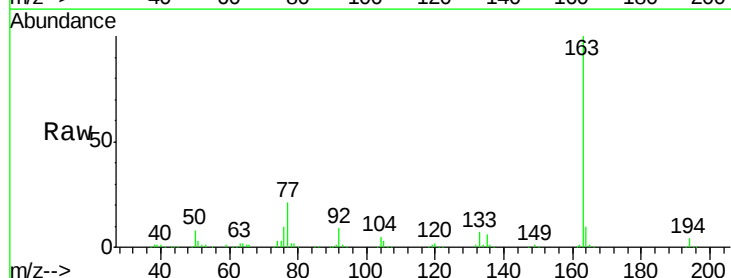
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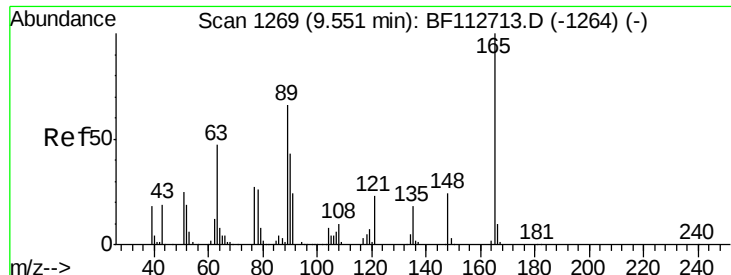
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#50
Dimethylphthalate
Concen: 42.587 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion:163 Resp: 1021679
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.5 8.4 12.6





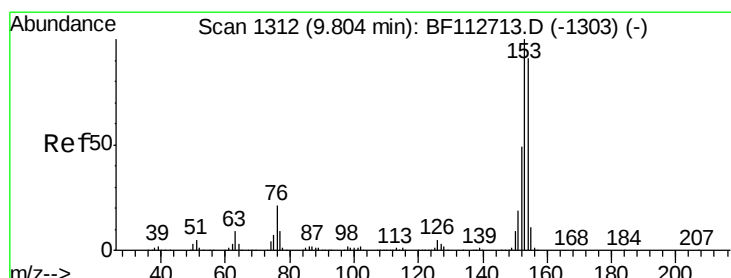
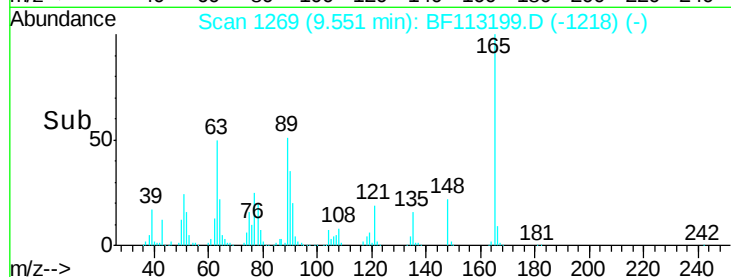
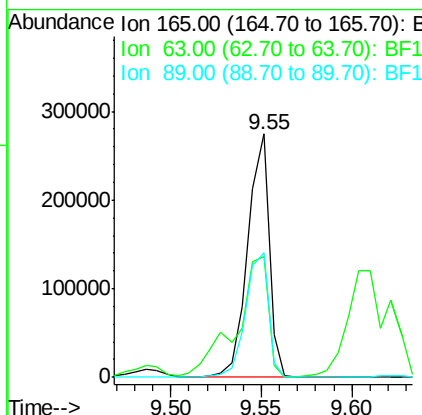
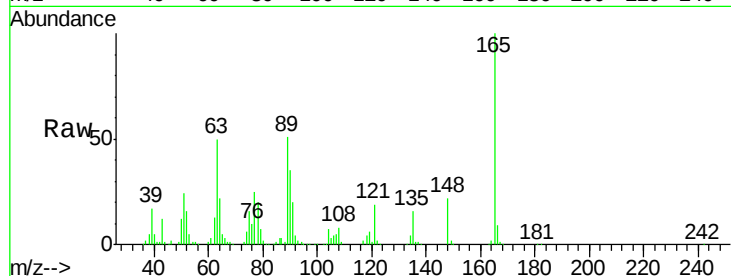
#51
2,6-Dinitrotoluene
Concen: 45.362 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	226619		
63	49.7	54.1	81.1#	
89	50.9	52.8	79.2#	

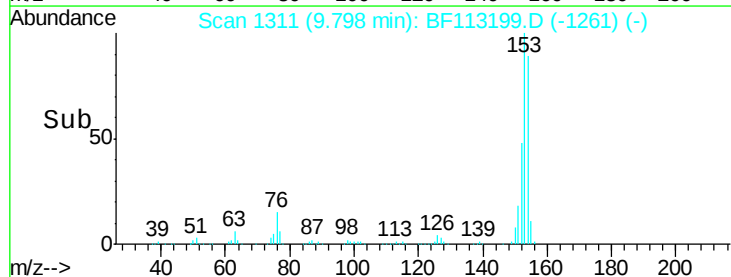
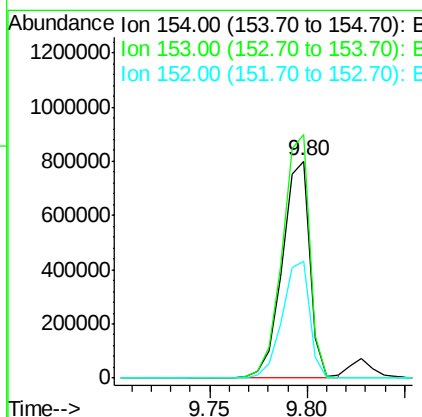
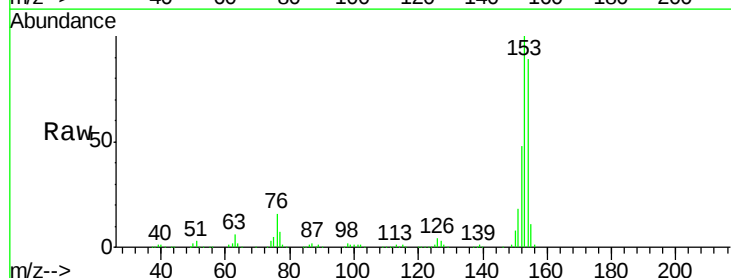
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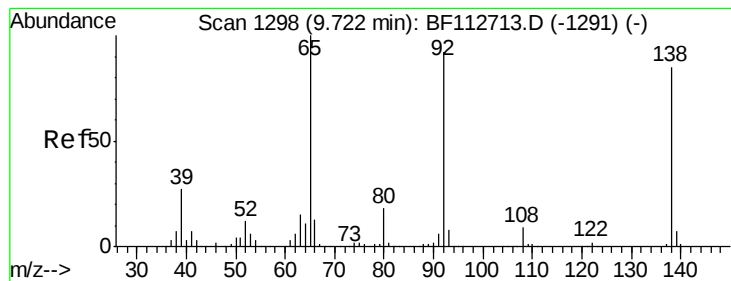
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#52
Acenaphthene
Concen: 38.161 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	785070		
153	112.2	87.8	131.8	
152	53.8	43.0	64.6	





#53

3-Nitroaniline

Concen: 42.982 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

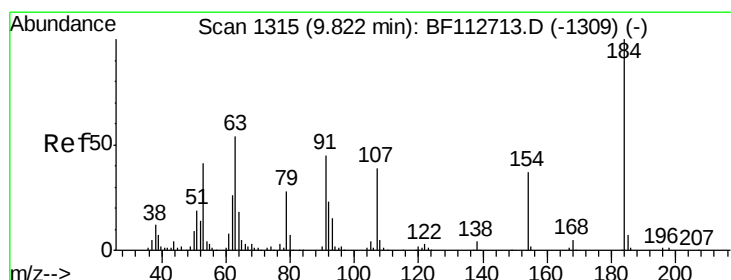
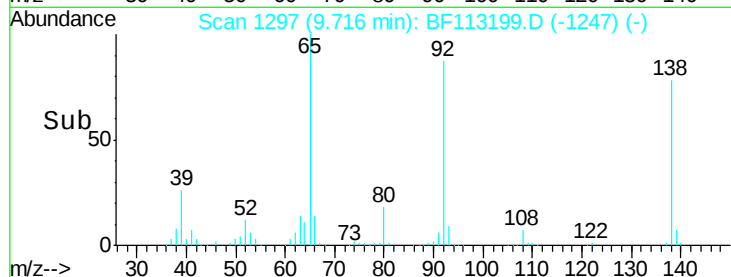
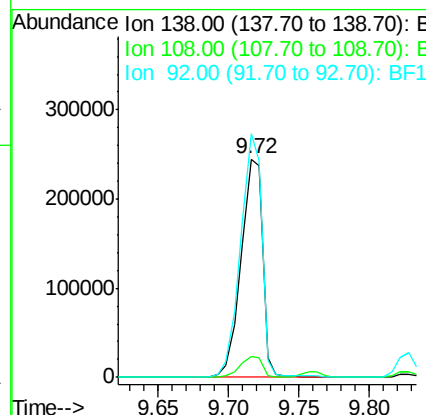
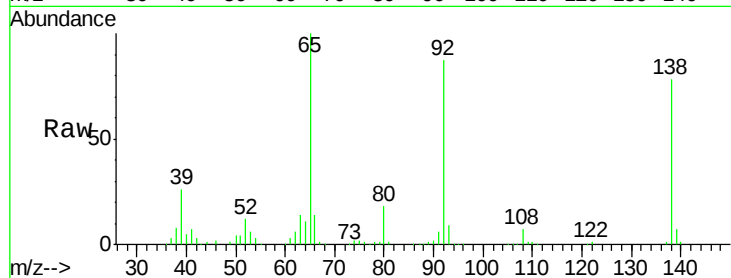
ClientSampleId :

SSTDCCC040

Tgt Ion:	138	Resp:	261649
Ion Ratio	Lower	Upper	
138	100		
108	9.4	8.6	13.0
92	111.7	86.6	129.8

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 58.438 ng

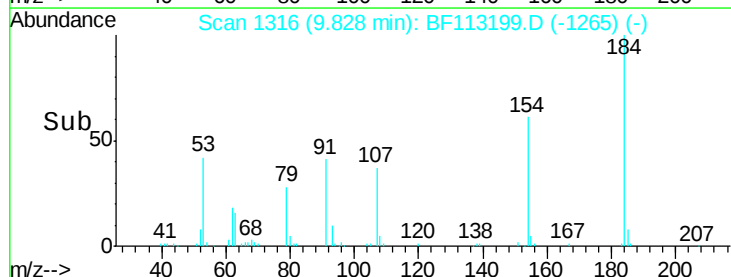
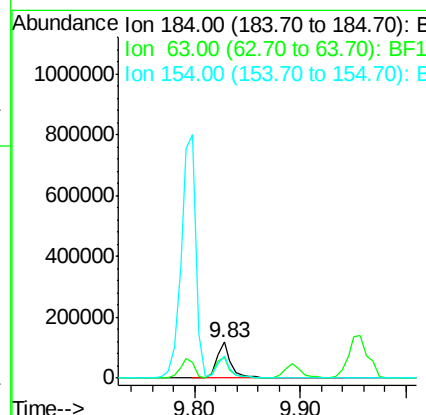
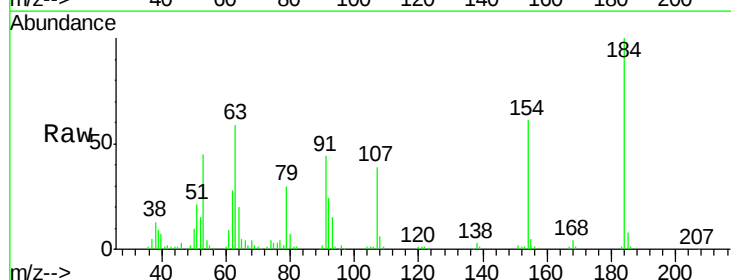
RT: 9.83 min Scan# 1316

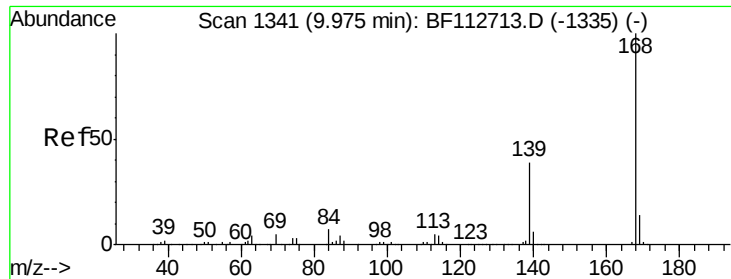
Delta R.T. -0.00 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Tgt Ion:	184	Resp:	115553
Ion Ratio	Lower	Upper	
184	100		
63	59.4	45.3	67.9
154	61.3	46.0	69.0





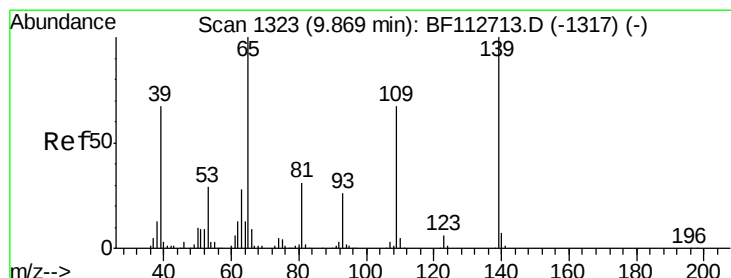
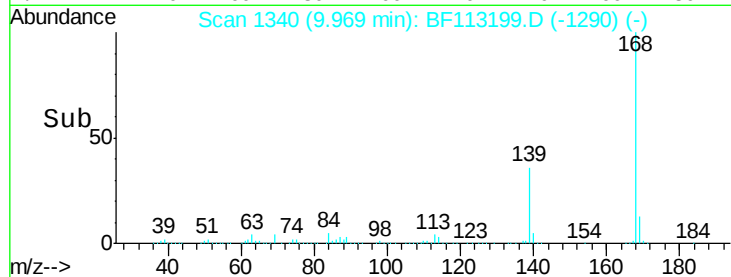
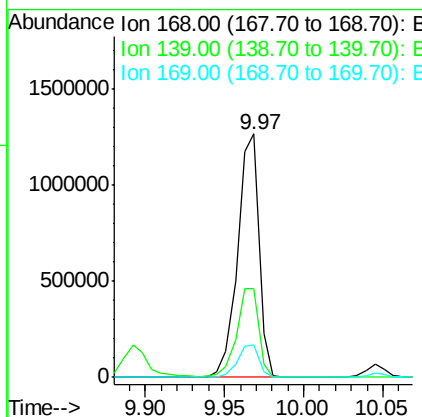
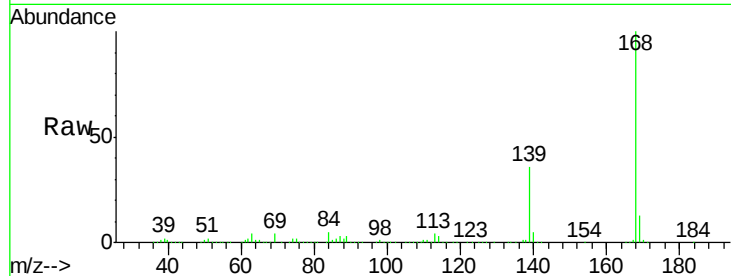
#55
Dibenzenofuran
Concen: 39.657 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1185742
Ion Ratio Lower Upper
168 100
139 36.4 31.3 46.9
169 13.4 11.3 16.9

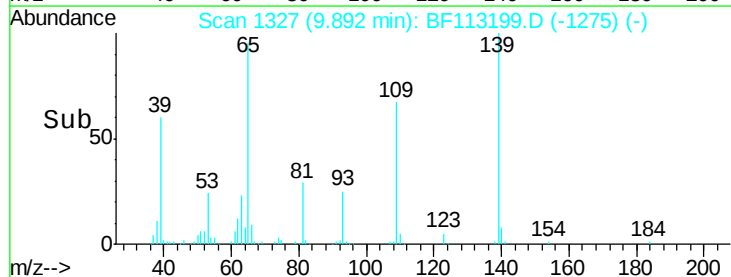
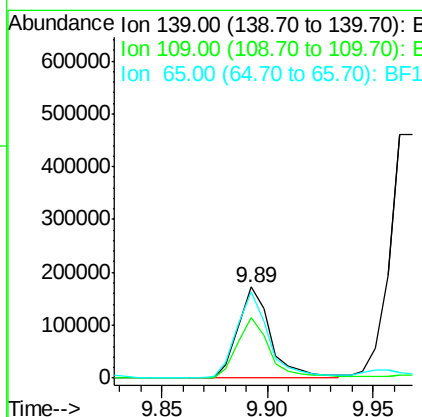
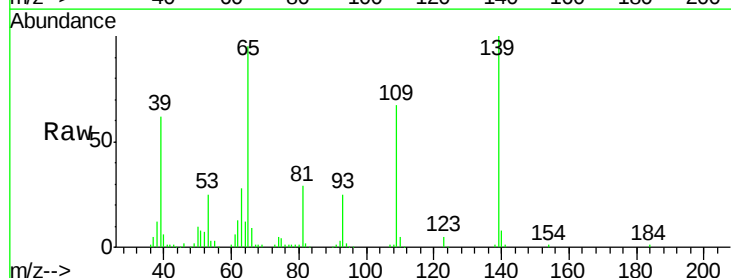
Manual Integrations
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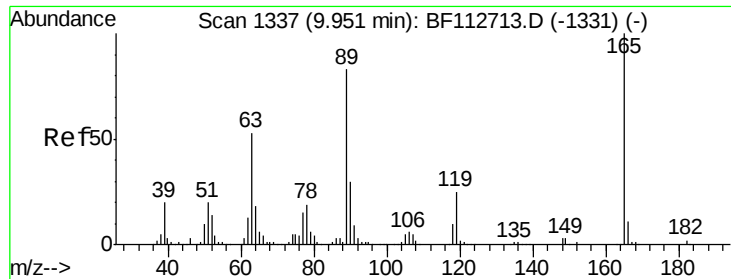
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#56
4-Nitrophenol
Concen: 37.510 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion:139 Resp: 185577
Ion Ratio Lower Upper
139 100
109 66.6 46.8 86.8
65 95.2 80.7 120.7





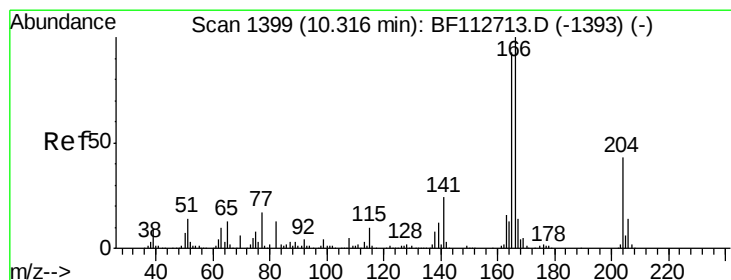
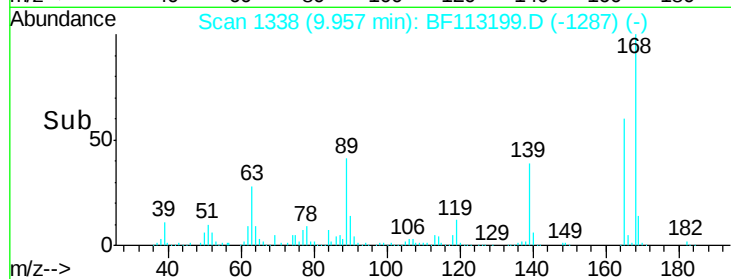
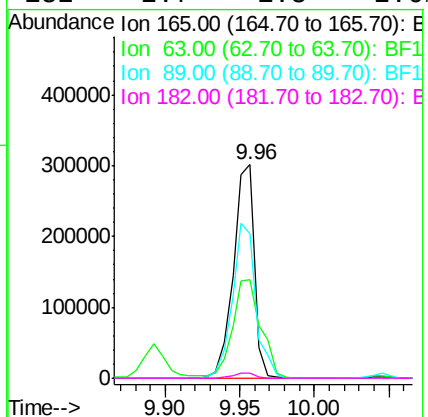
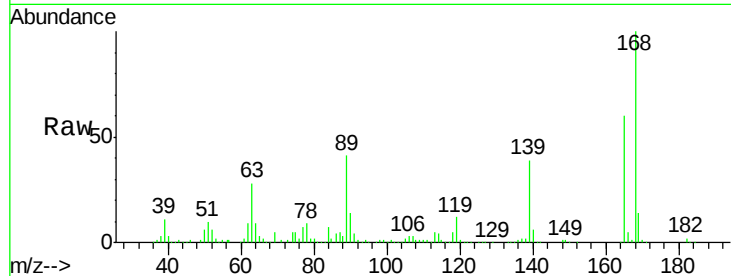
#57
2,4-Dinitrotoluene
Concen: 48.131 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	46.2	42.2	63.2
89	67.5	66.2	99.4
182	2.7	1.8	2.6#

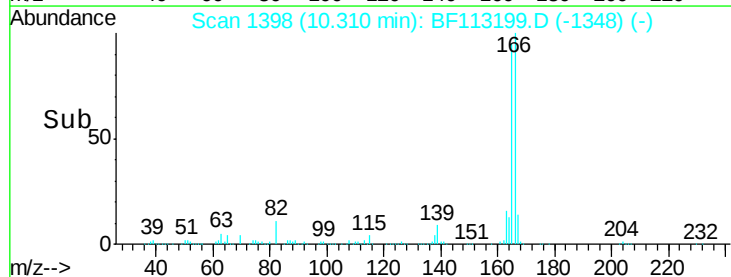
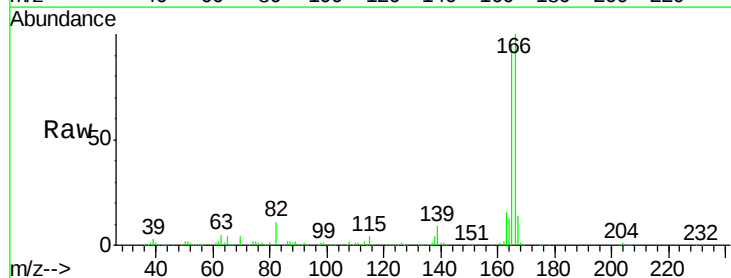
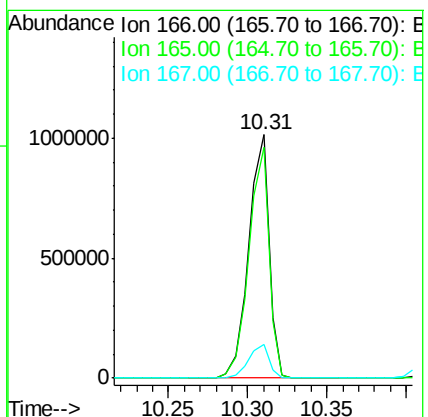
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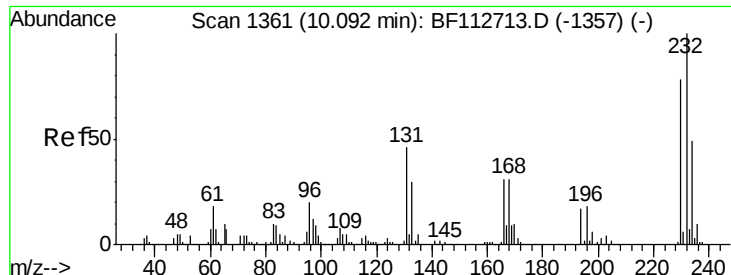
Sohil
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#58
Fluorene
Concen: 42.528 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	94.9	74.7	112.1
167	13.6	11.0	16.6





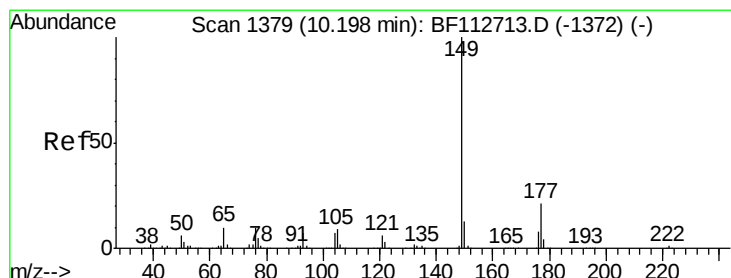
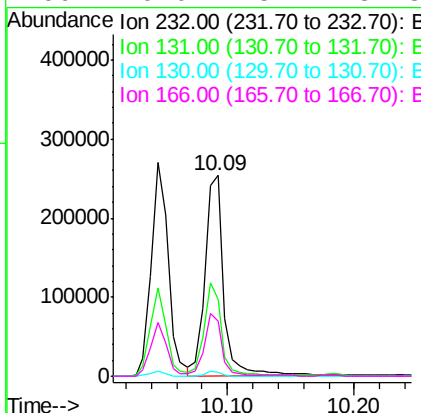
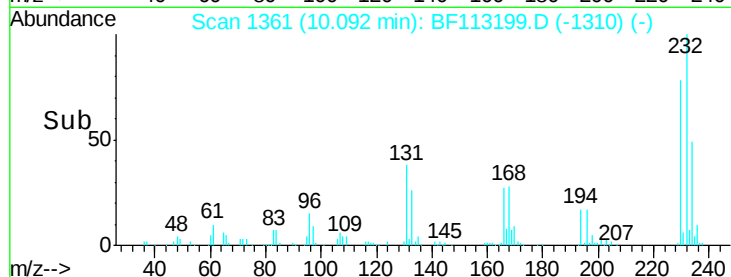
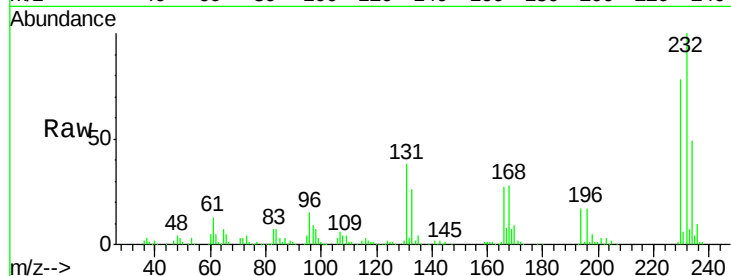
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.304 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.7	38.7	58.1
130	2.0	1.9	2.9
166	29.0	25.2	37.8

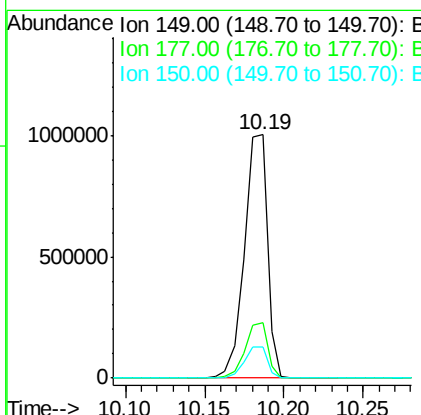
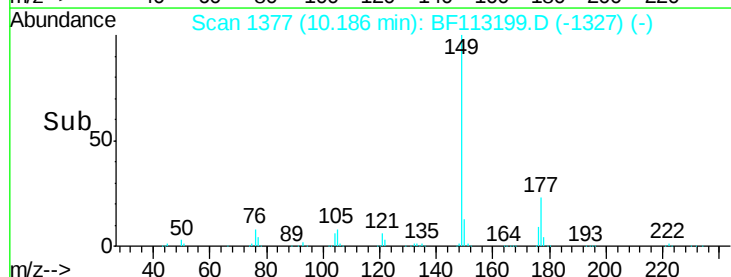
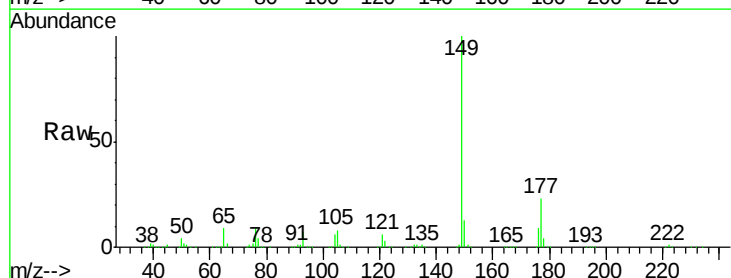
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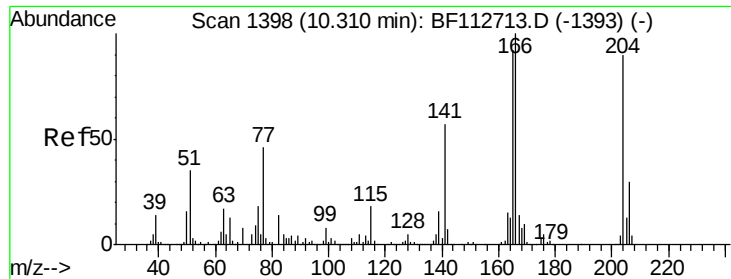
Sohil
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#60
 Diethylphthalate
 Concen: 39.923 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.0	25.6
150	12.6	10.0	15.0





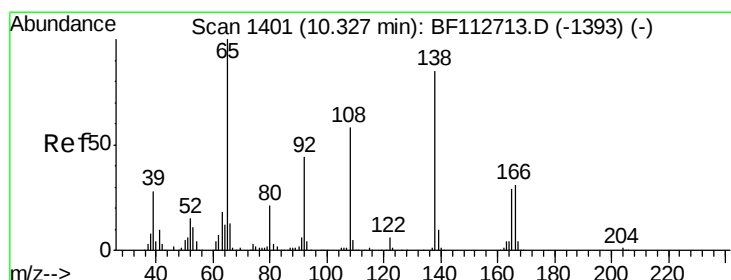
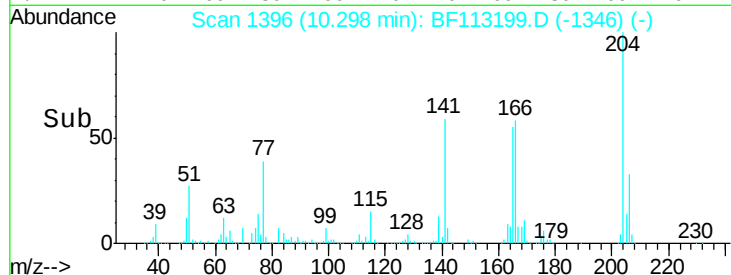
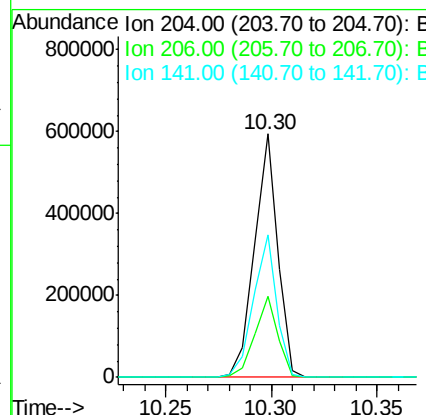
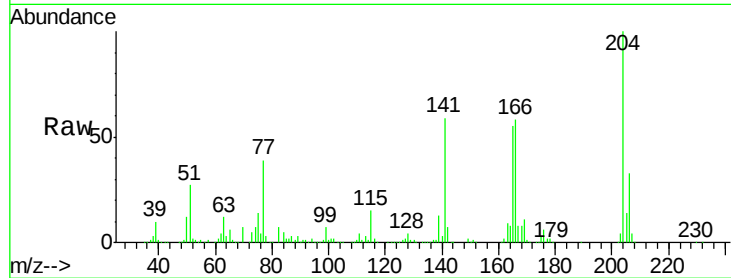
#61
 4-Chlorophenyl-phenylether
 Concen: 46.095 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	455129		
206	33.4	26.6	40.0	
141	58.7	50.8	76.2	

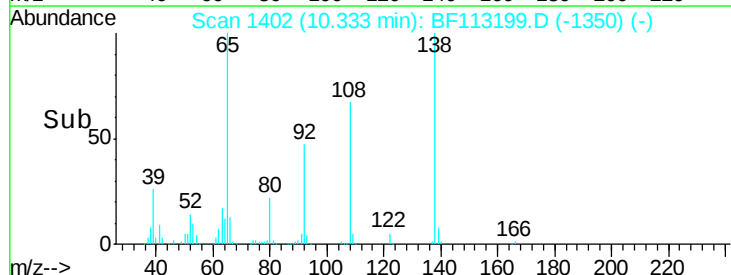
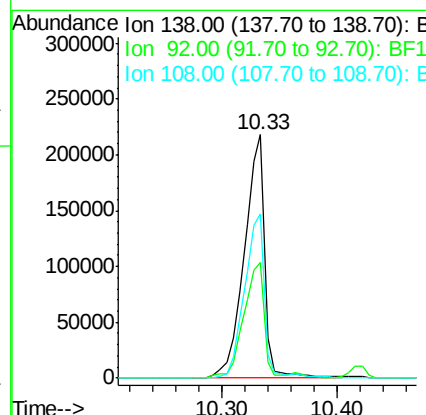
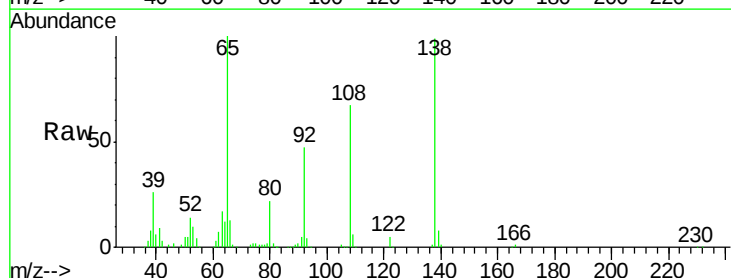
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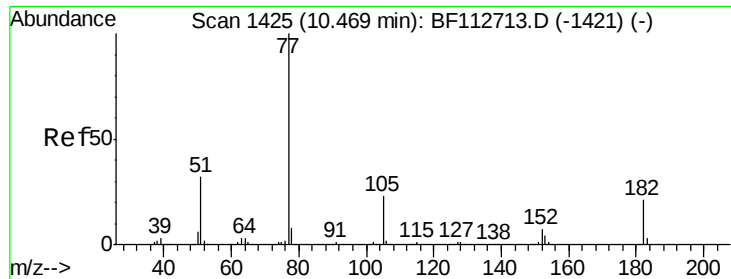
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#62
 4-Nitroaniline
 Concen: 47.419 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	266738		
92	47.4	31.3	71.3	
108	67.5	48.1	88.1	





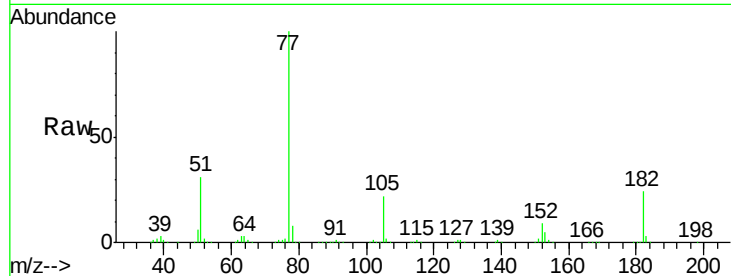
#63
Azobenzene
Concen: 36.454 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

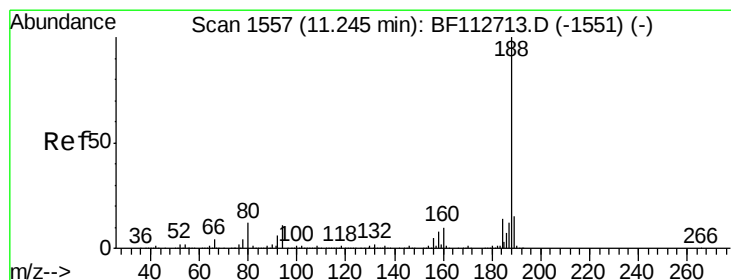
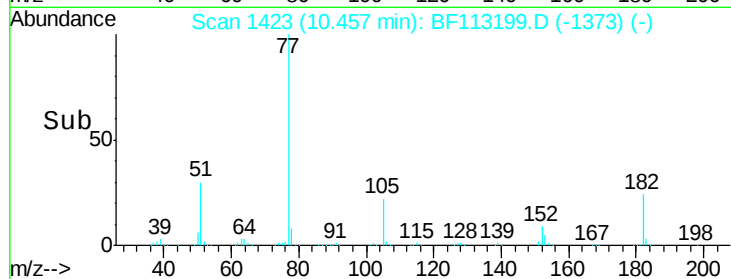
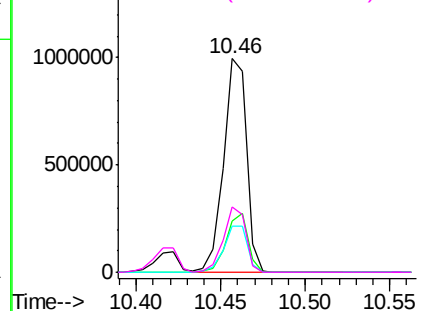
Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	1.4	41.4
105	21.8	2.6	42.6
51	30.5	12.0	52.0

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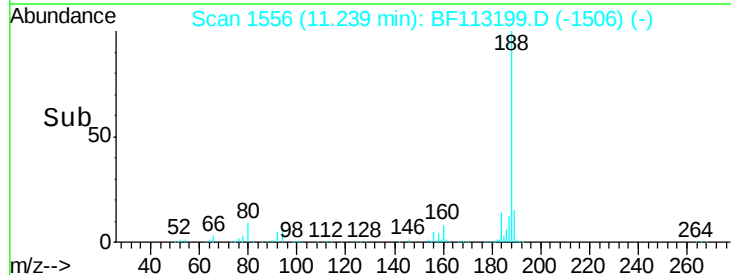
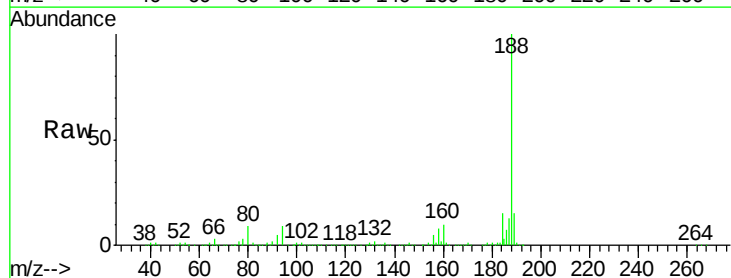
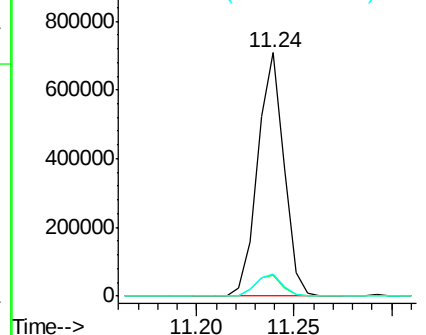
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

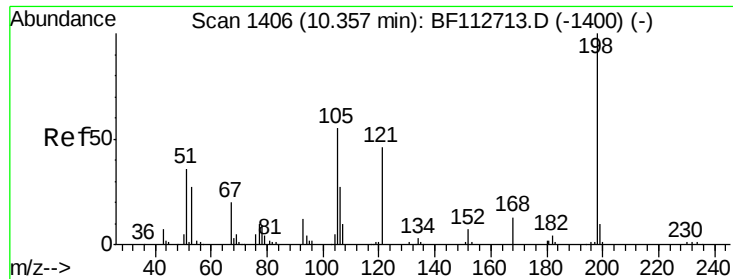


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.2	9.2	13.8#

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





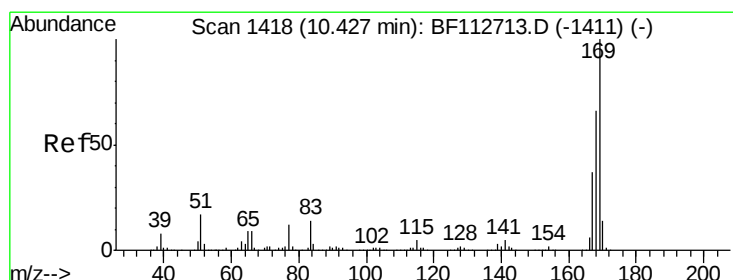
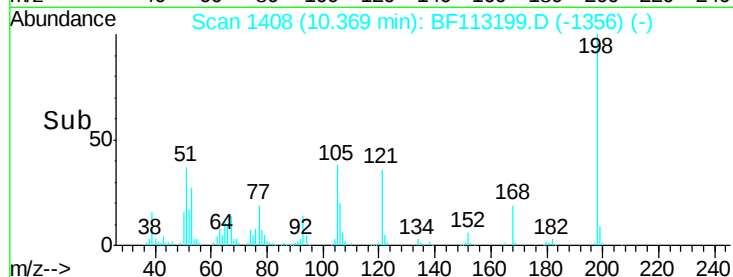
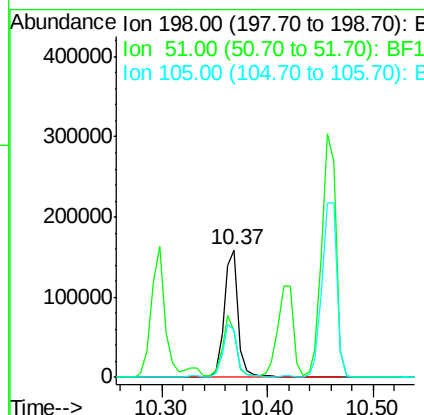
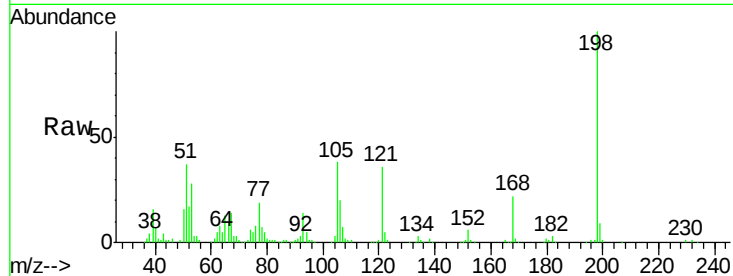
#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.520 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.9	43.8	83.8#
105	37.5	36.5	76.5

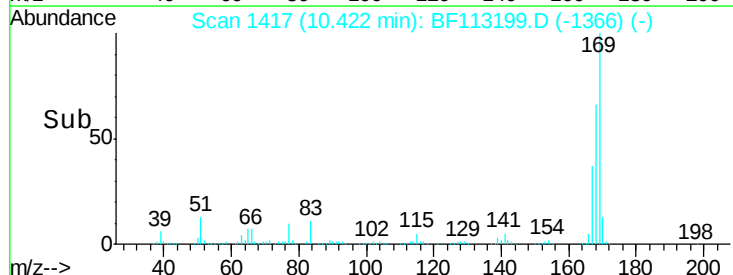
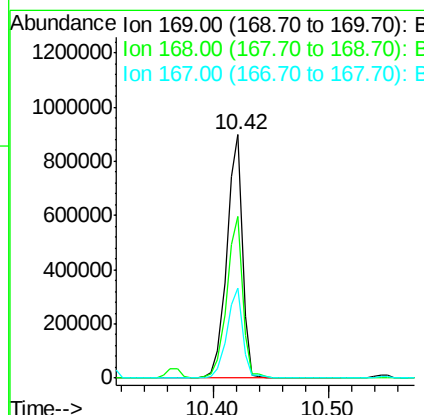
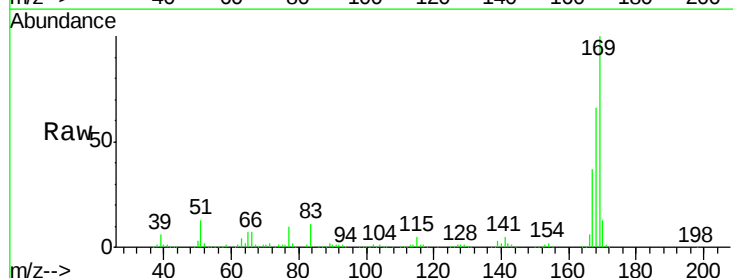
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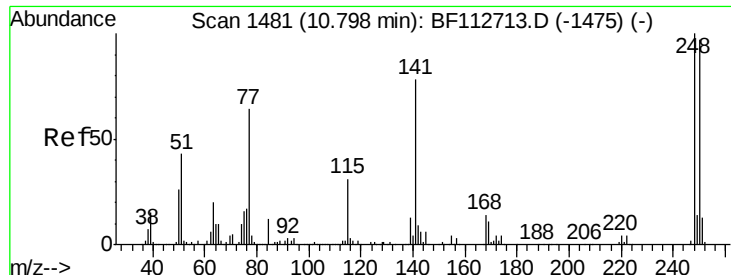
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#66
 n-Nitrosodiphenylamine
 Concen: 39.622 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.0	79.6
167	37.0	29.3	43.9





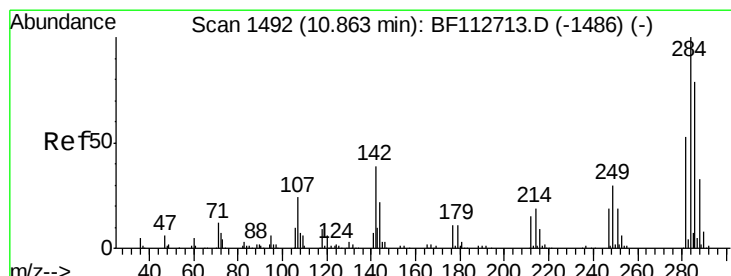
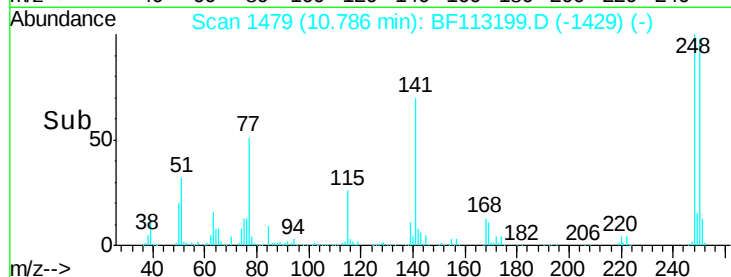
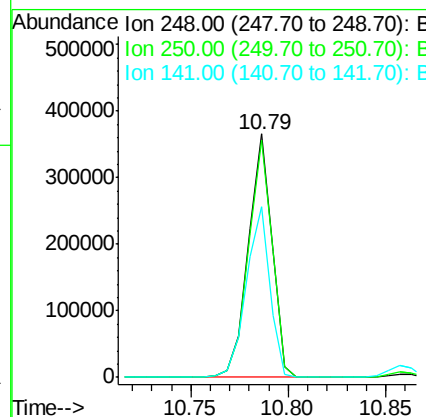
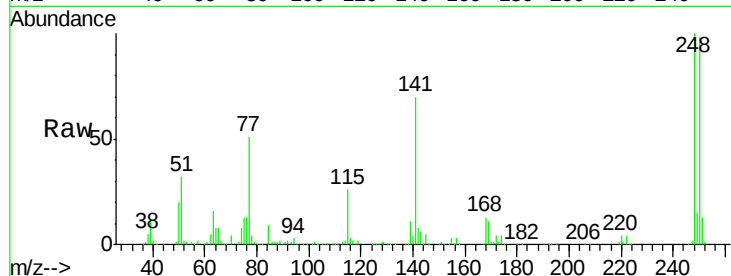
#67
 4-Bromophenyl-phenylether
 Concen: 44.465 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.5	116.3
141	70.1	62.4	93.6

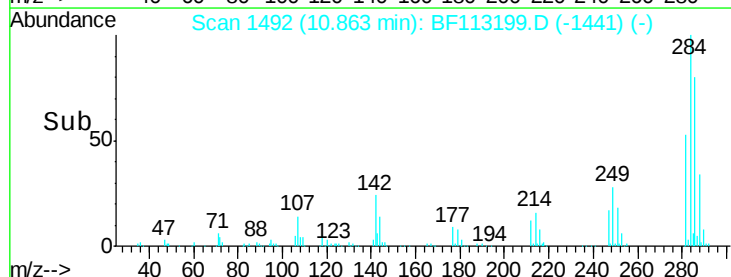
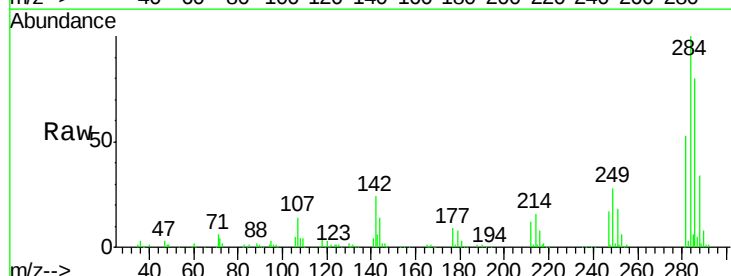
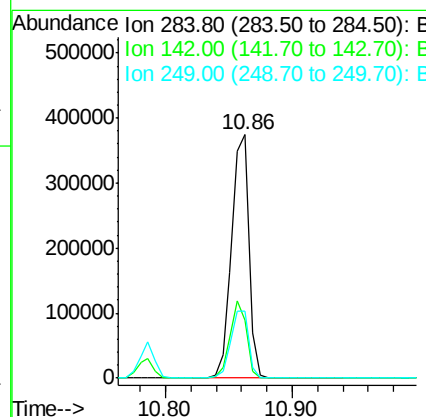
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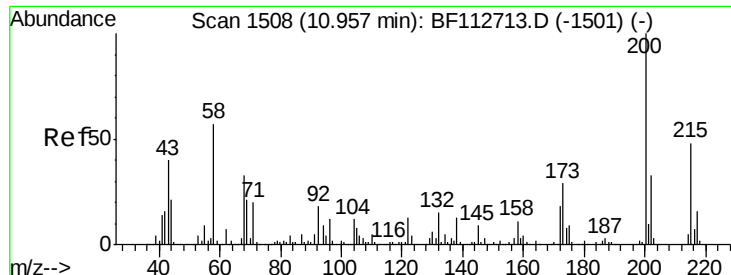
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#68
 Hexachlorobenzene
 Concen: 45.436 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.0	31.0	46.6#
249	27.5	23.6	35.4





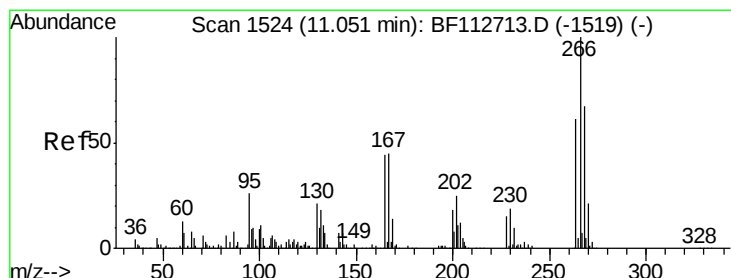
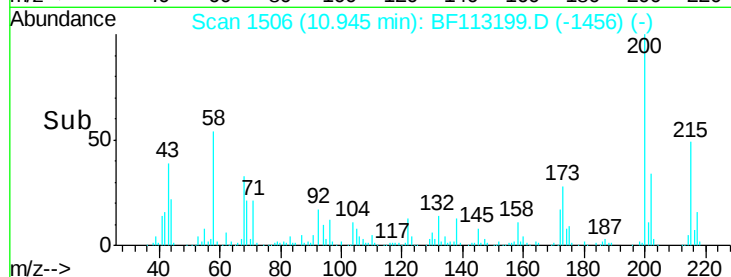
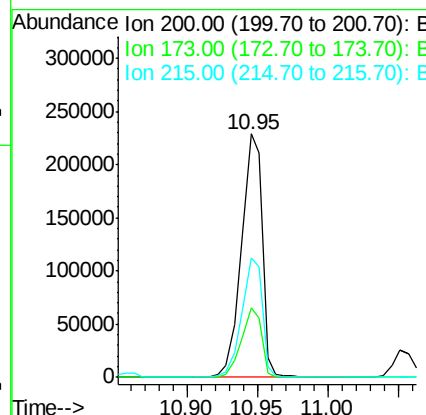
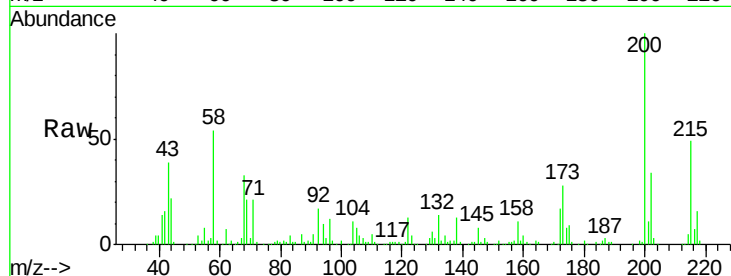
#69
 Atrazine
 Concen: 36.425 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.3	9.1	49.1
215	48.9	28.2	68.2

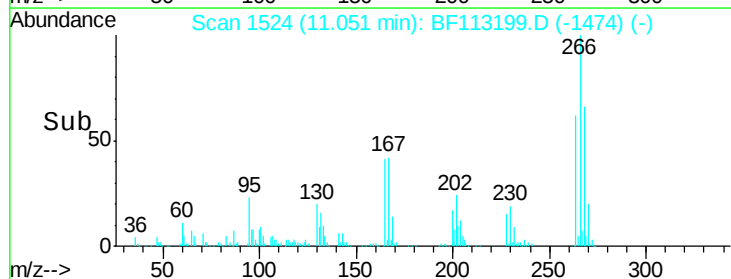
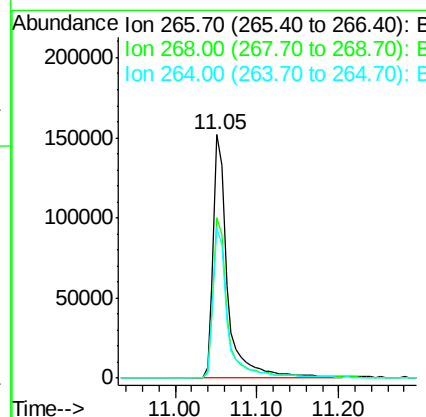
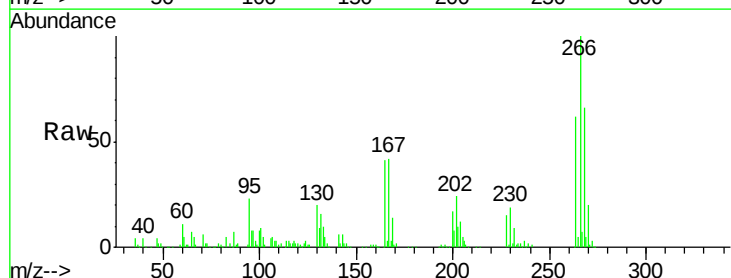
Manual Integrations
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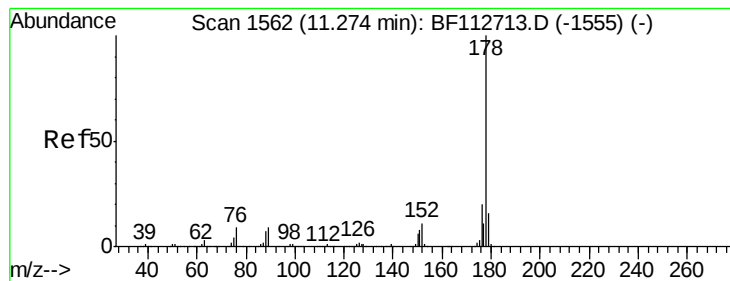
Sohil
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#70
 Pentachlorophenol
 Concen: 40.861 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.7	53.3	79.9
264	61.9	48.9	73.3





#71

Phenanthrene

Concen: 41.082 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1344522

Ion Ratio Lower Upper

178 100

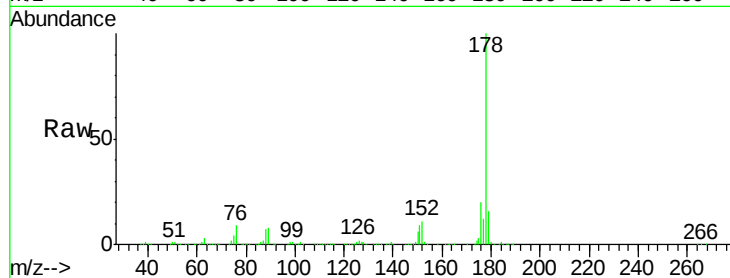
176 20.2 16.3 24.5

179 16.0 12.7 19.1

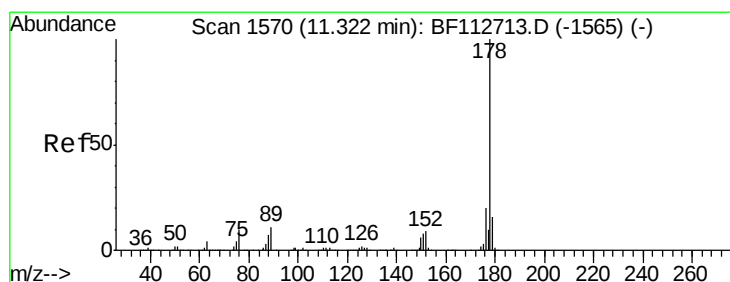
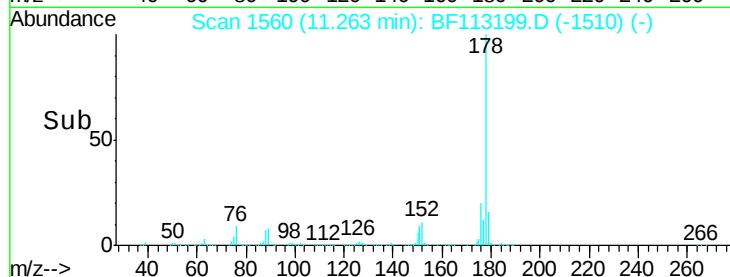
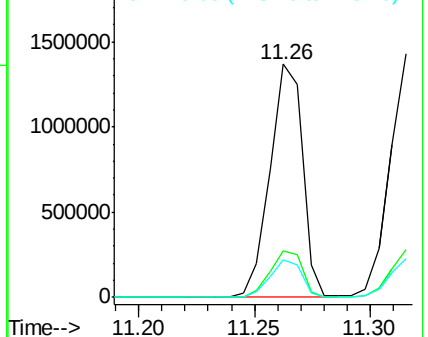
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.076 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Tgt Ion:178 Resp: 1372957

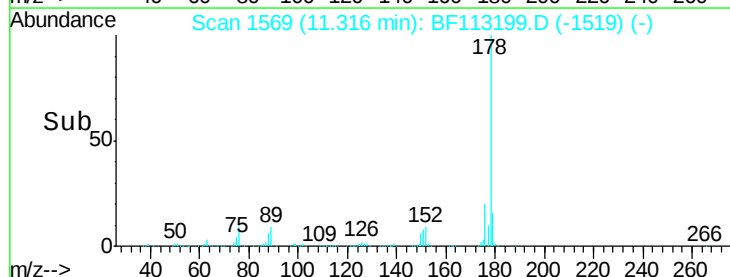
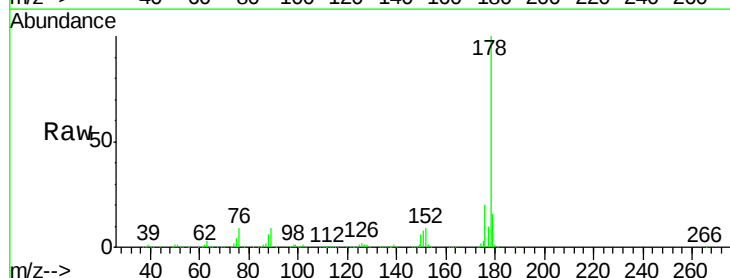
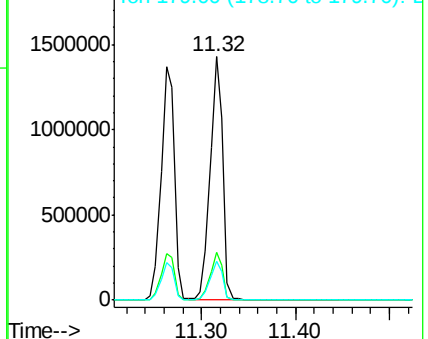
Ion Ratio Lower Upper

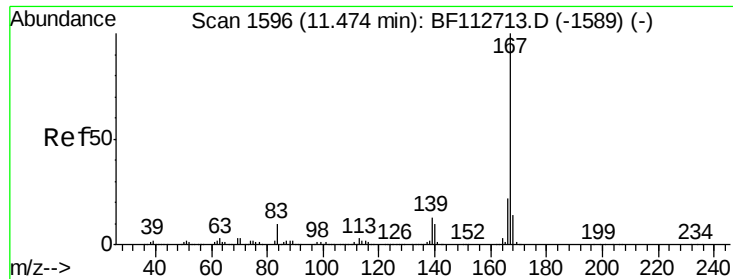
178 100

176 19.5 15.8 23.6

179 16.0 13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





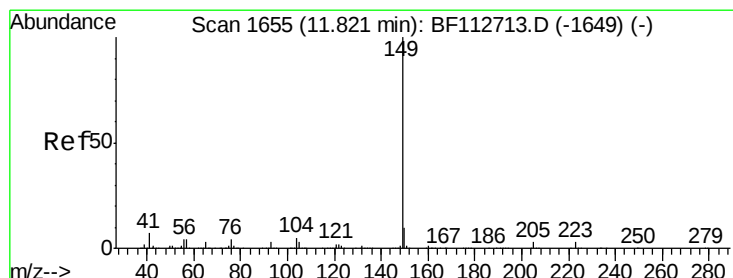
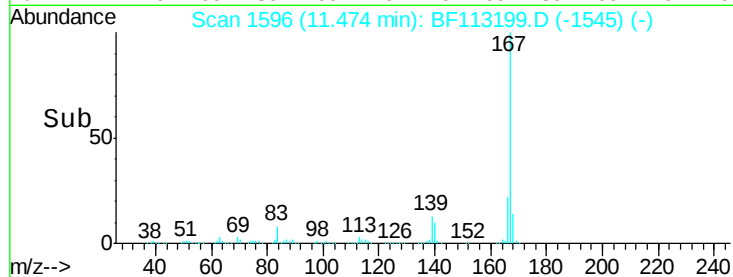
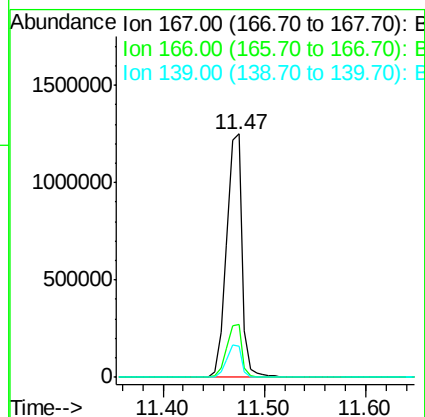
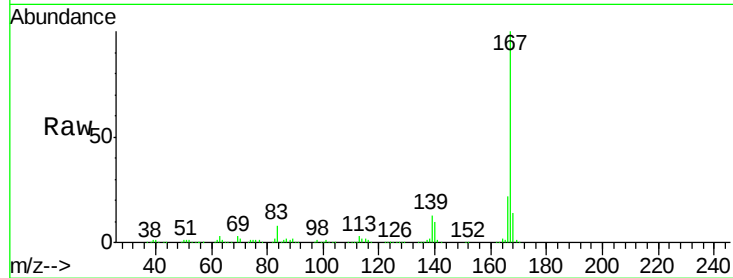
#73
 Carbazole
 Concen: 39.741 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:167 Resp: 1328126
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 12.7 10.8 16.2

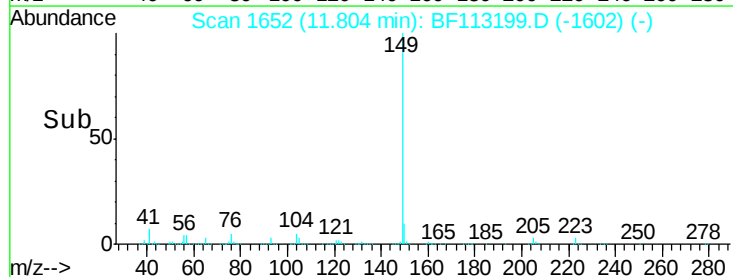
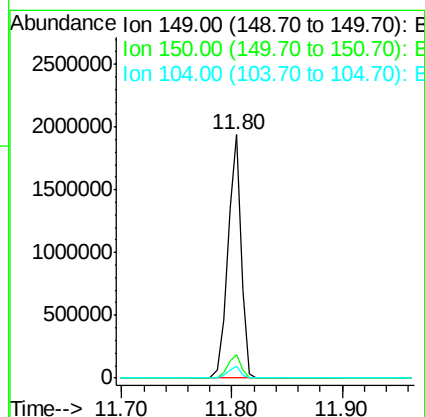
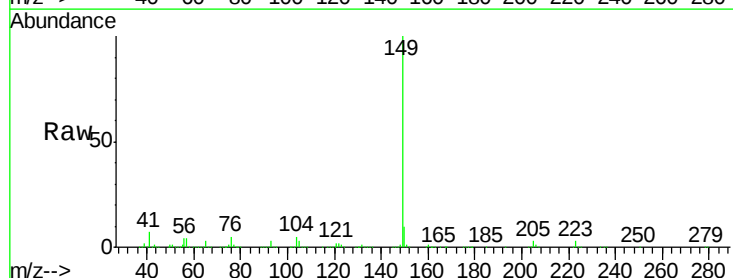
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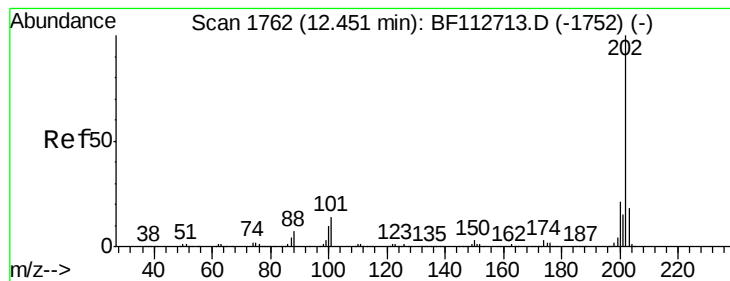
Sohil
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#74
 Di-n-butylphthalate
 Concen: 40.240 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Tgt Ion:149 Resp: 1612492
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 4.7 3.7 5.5





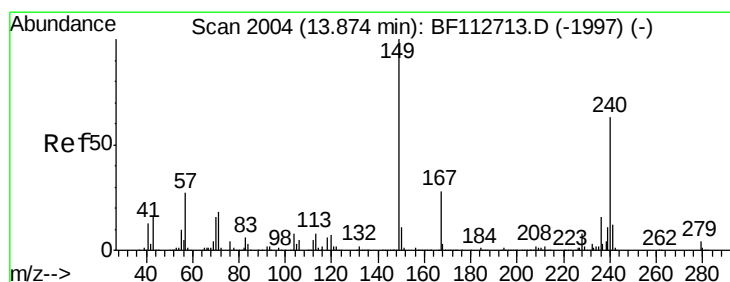
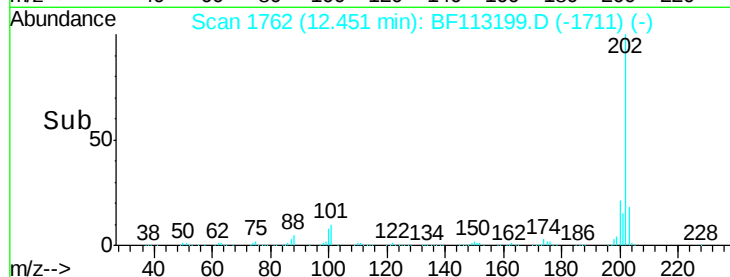
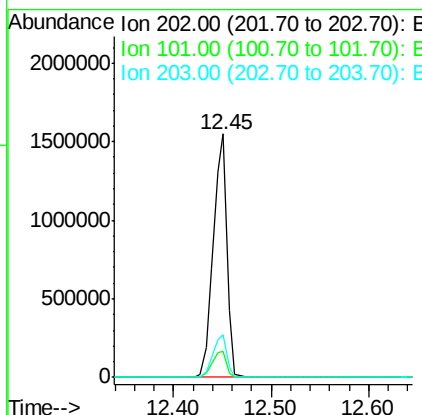
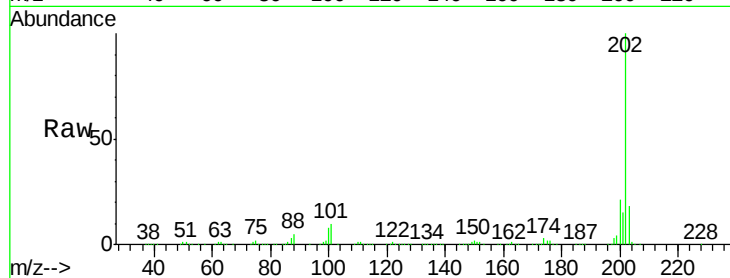
#75
 Fluoranthene
 Concen: 42.692 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	33.8
203	17.7	0.0	38.4

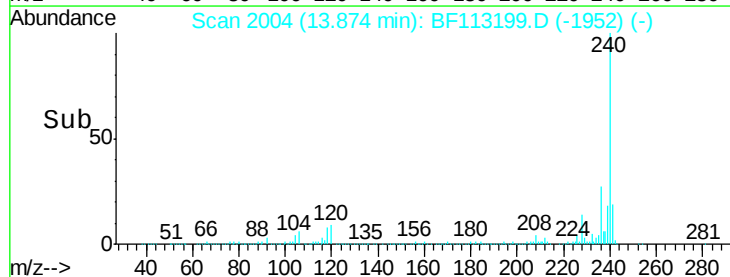
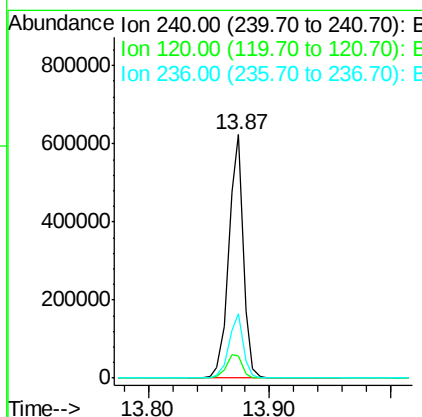
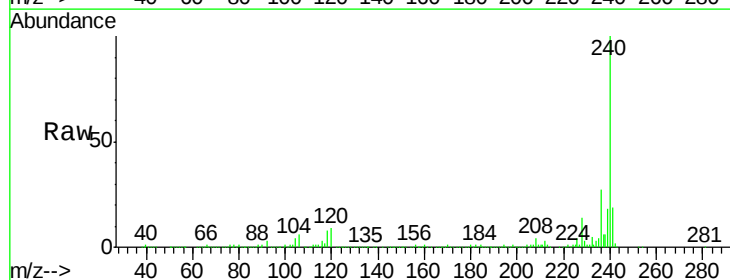
Manual Integrations
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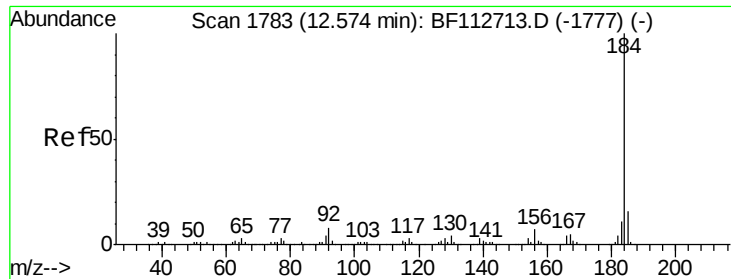
Sohil
 3/22/2019 3:35:45 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.9	13.3
236	26.7	20.7	31.1





#77

Benzidine

Concen: 25.602 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

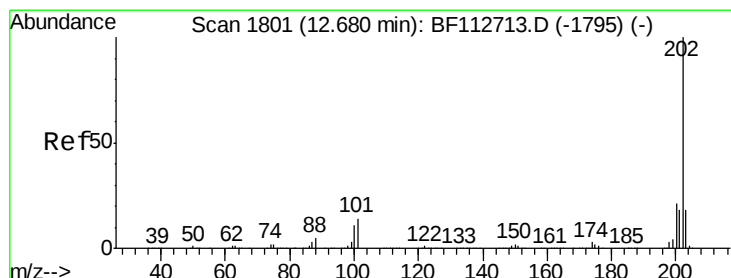
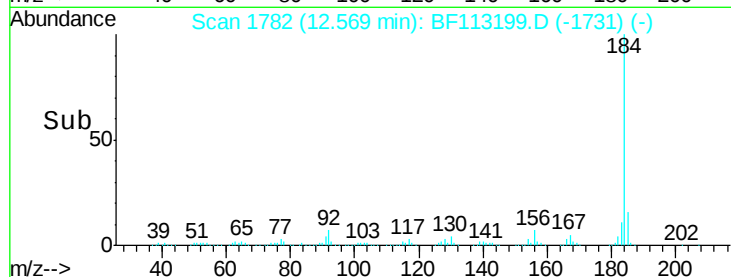
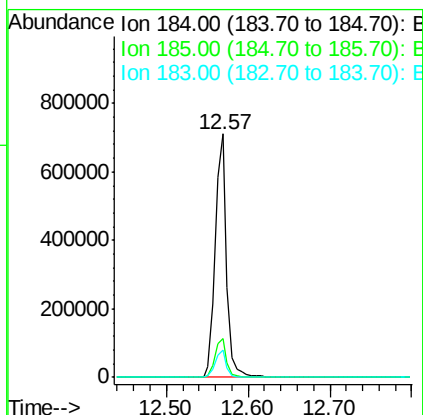
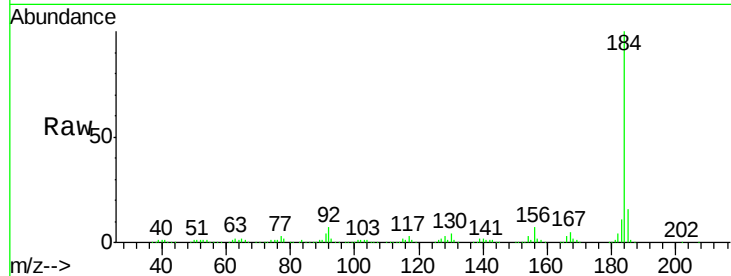
ClientSampleId :

SSTDCCC040

Tgt Ion:	184	Resp:	690058
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.6	18.8
183	11.2	8.6	12.8

Manual Integrations
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#78

Pyrene

Concen: 34.953 ng

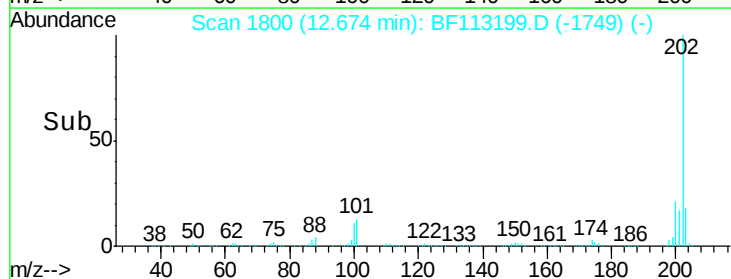
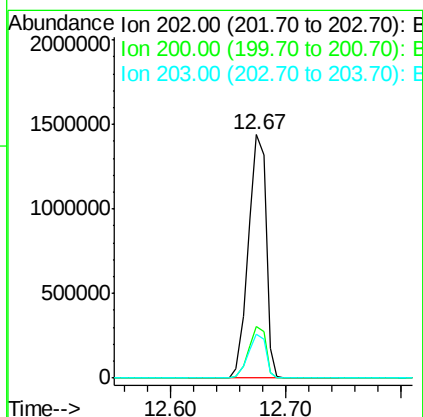
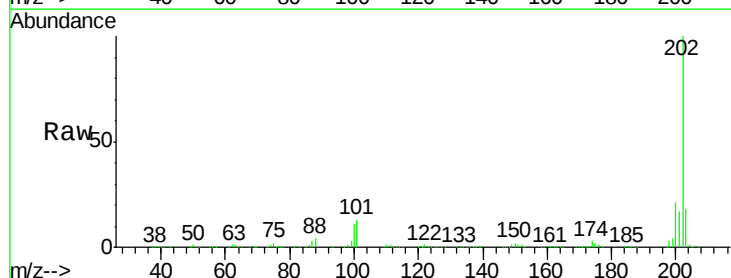
RT: 12.67 min Scan# 1800

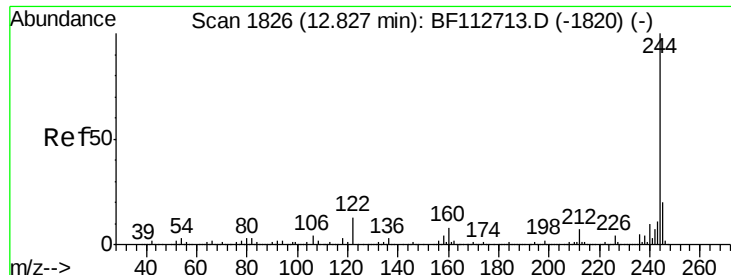
Delta R.T. -0.00 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Tgt Ion:	202	Resp:	1530845
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.4
203	18.3	14.4	21.6





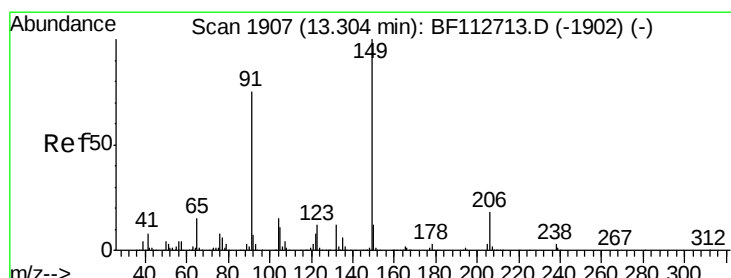
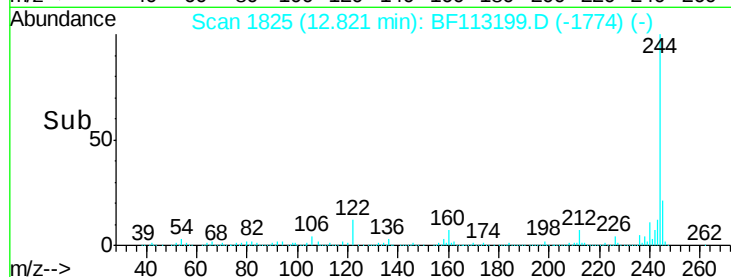
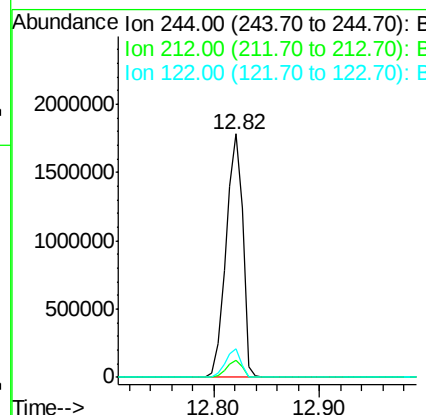
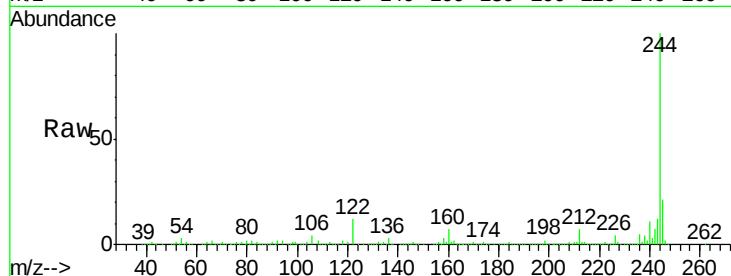
#79
 Terphenyl-d14
 Concen: 73.900 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion: 244 Resp: 1980553
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.8 10.5 15.7

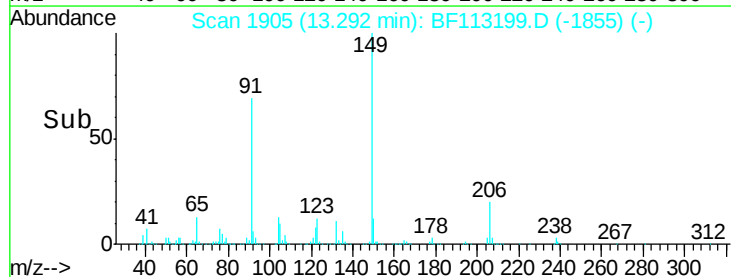
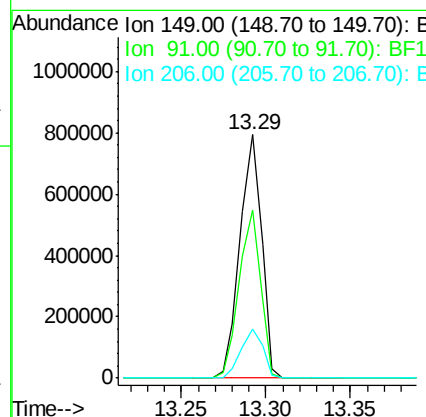
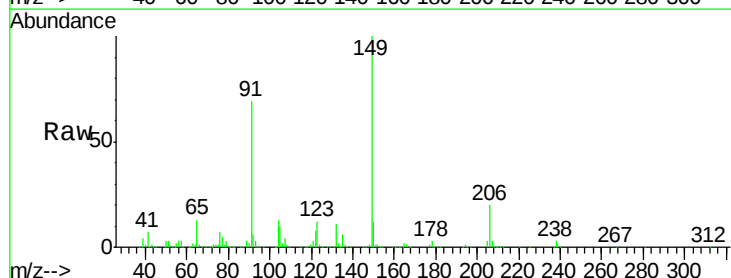
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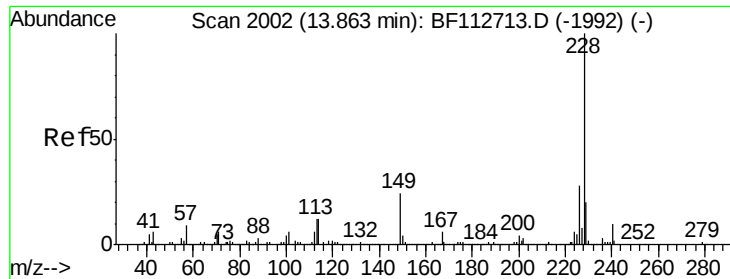
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#80
 Butylbenzylphthalate
 Concen: 36.801 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Tgt Ion: 149 Resp: 711442
 Ion Ratio Lower Upper
 149 100
 91 69.1 59.9 89.9
 206 20.2 14.7 22.1





#81

Benzo(a)anthracene

Concen: 34.655 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

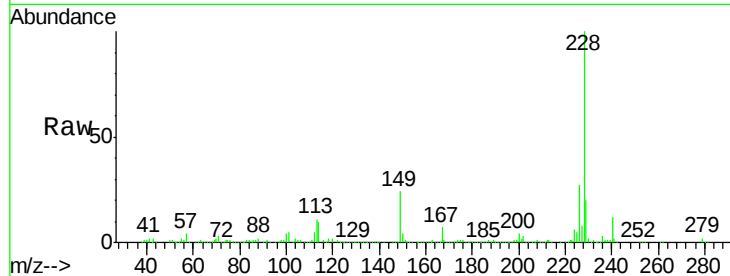
ClientSampleId :

SSTDCCC040

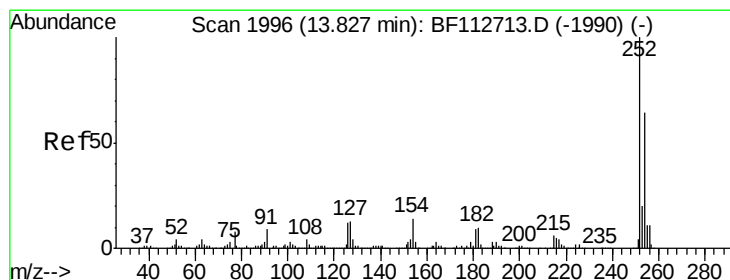
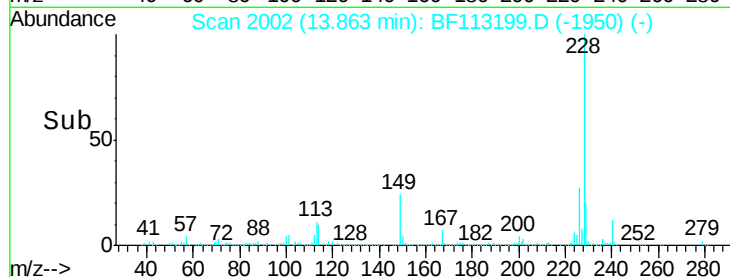
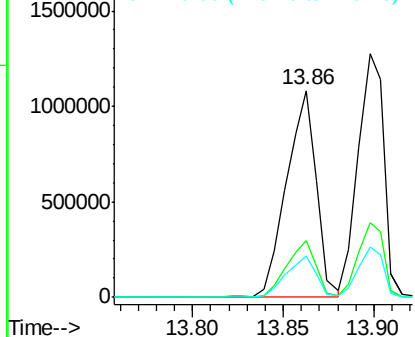
Tgt Ion:	228	Resp:	1247815
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	19.9	16.0	24.0

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.008 ng

RT: 13.82 min Scan# 1995

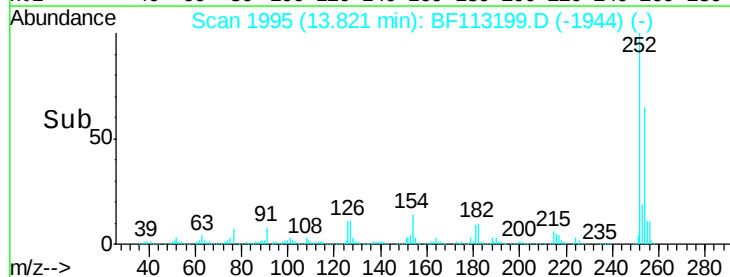
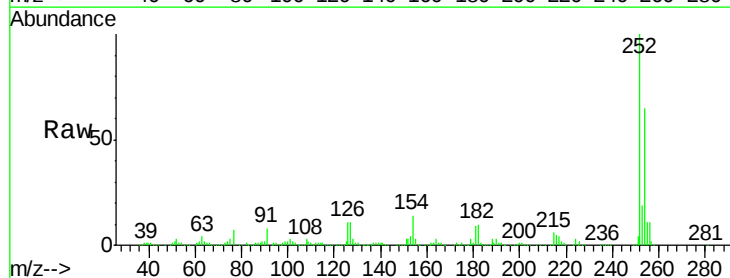
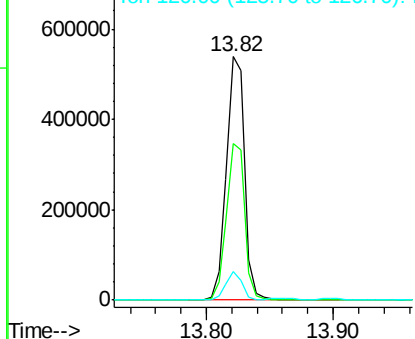
Delta R.T. -0.00 min

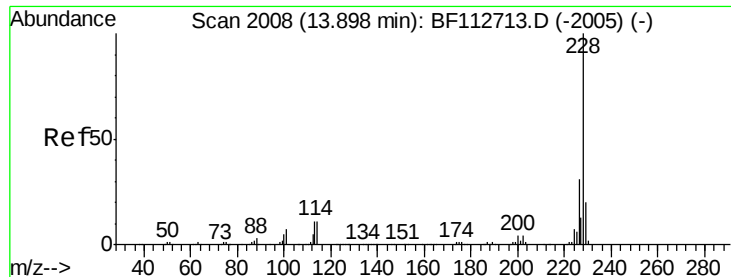
Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Tgt Ion:	252	Resp:	531197
Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.1	76.7
126	11.5	9.9	14.9

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83
Chrysene
 Concen: 36.056 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

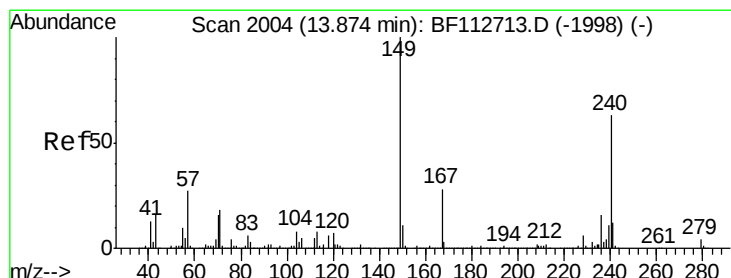
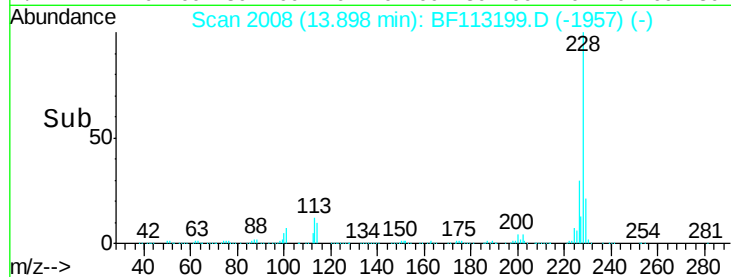
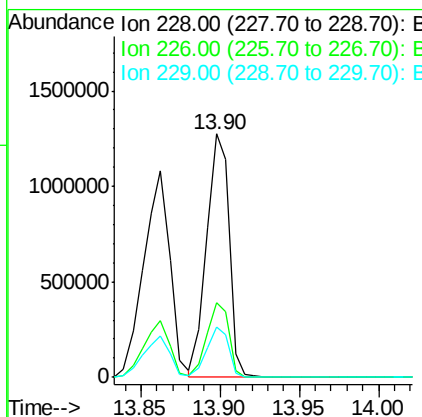
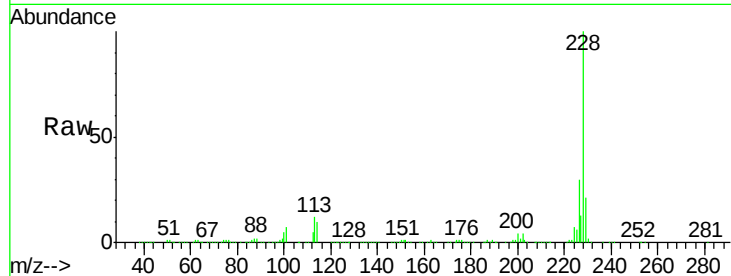
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 228 Resp: 1271671

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.6	16.3	24.5

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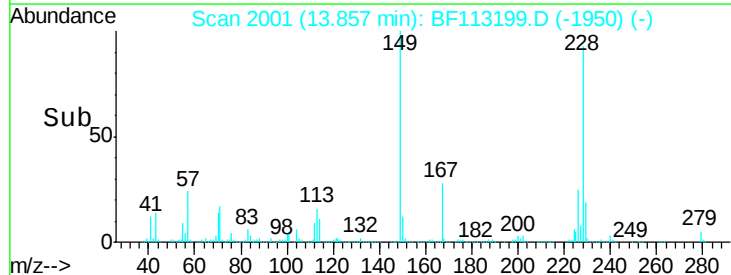
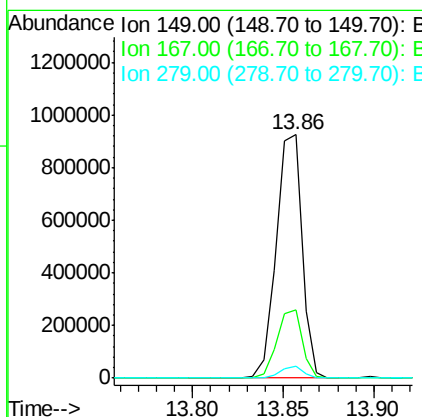
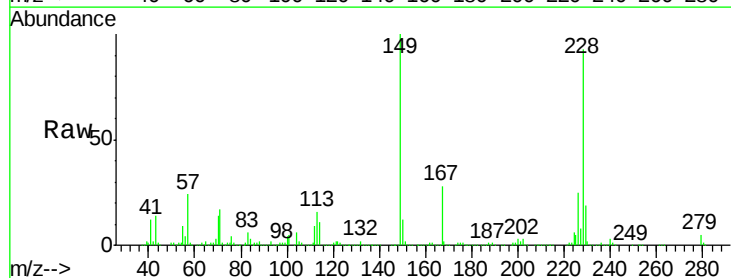
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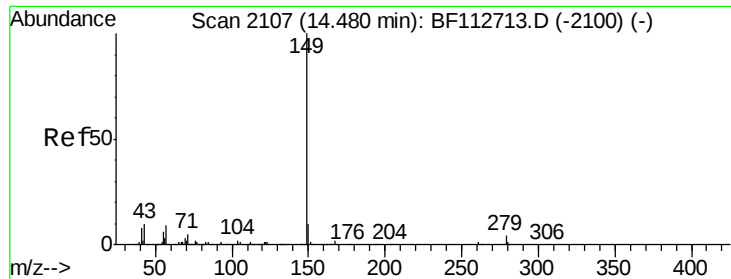


#84
Bis(2-ethylhexyl)phthalate
 Concen: 40.428 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Tgt Ion: 149 Resp: 916735

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	4.6	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 40.466 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Instrument :

BNA_F

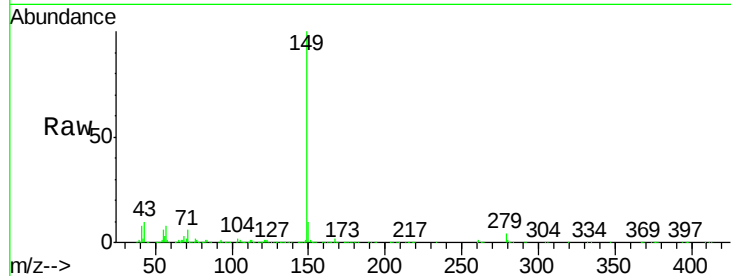
ClientSampleId :

SSTDCCC040

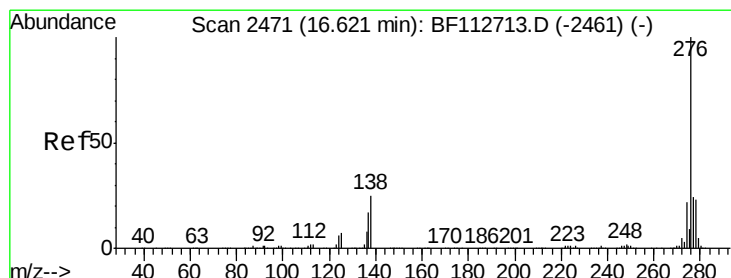
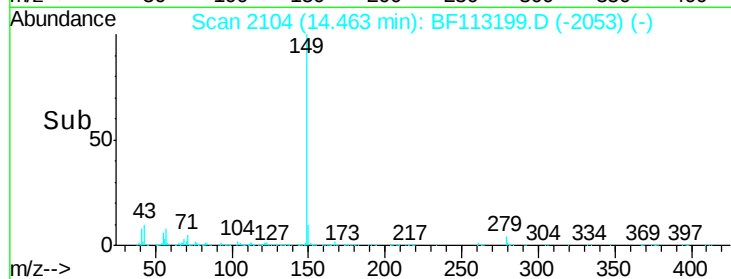
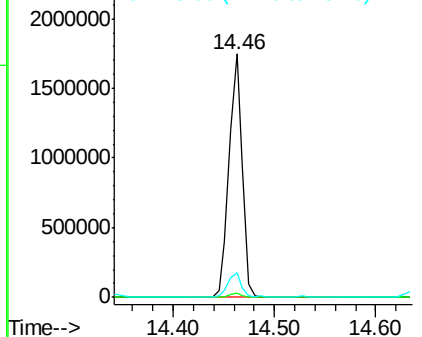
Tgt Ion:	149	Resp:	1575649
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.2	9.0	13.4

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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: 34.761 ng

RT: 16.65 min Scan# 2476

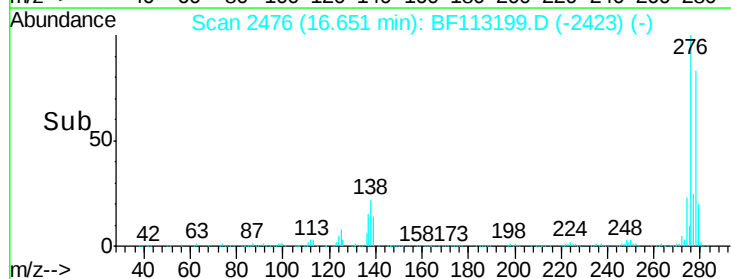
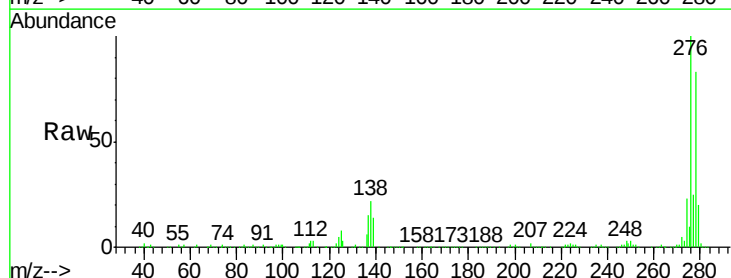
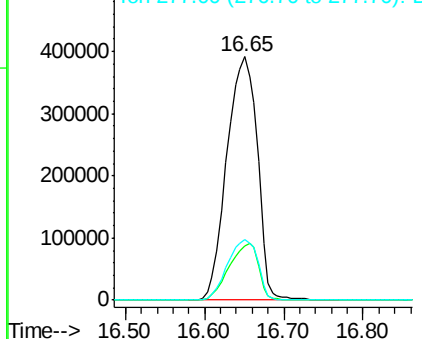
Delta R.T. 0.01 min

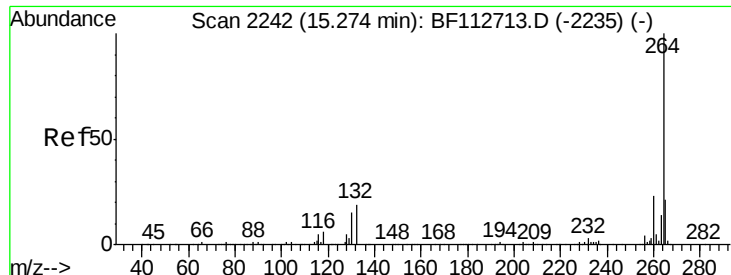
Lab File: BF113199.D

Acq: 21 Mar 2019 10:43

Tgt Ion:	276	Resp:	1045212
Ion Ratio	Lower	Upper	
276	100		
138	22.6	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





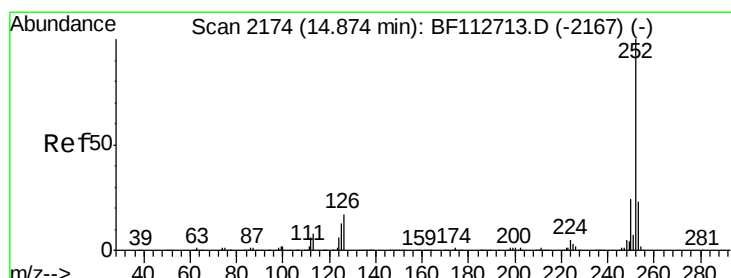
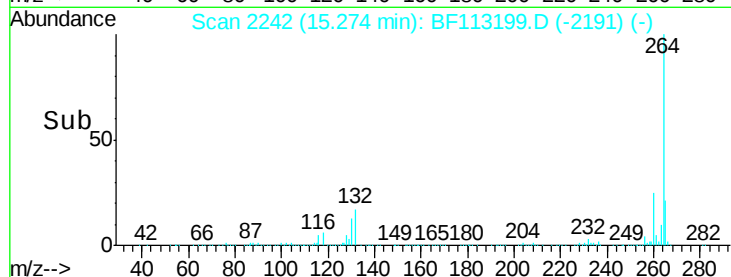
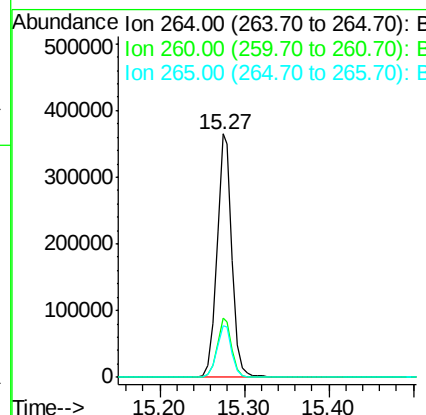
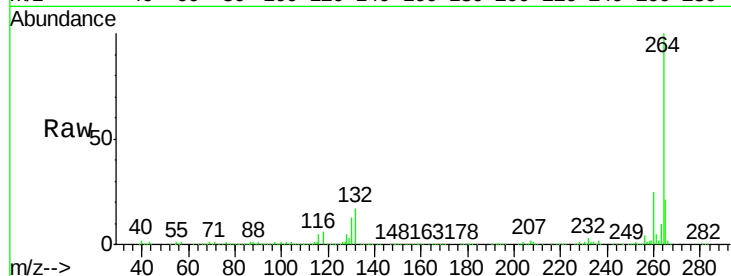
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	21.1	17.2	25.8

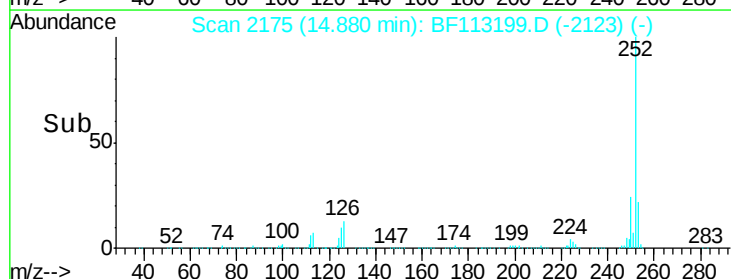
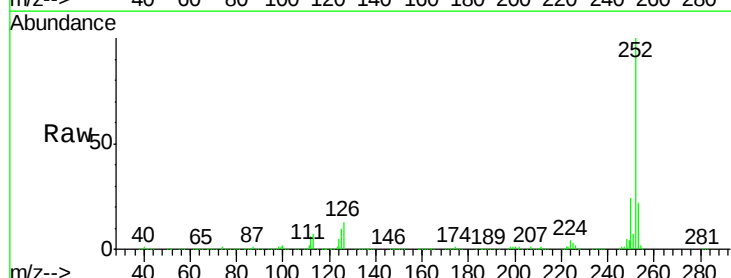
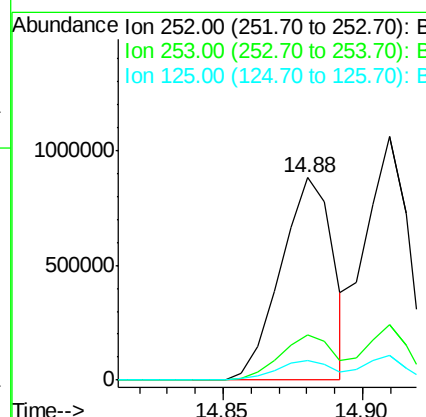
Manual Integrations
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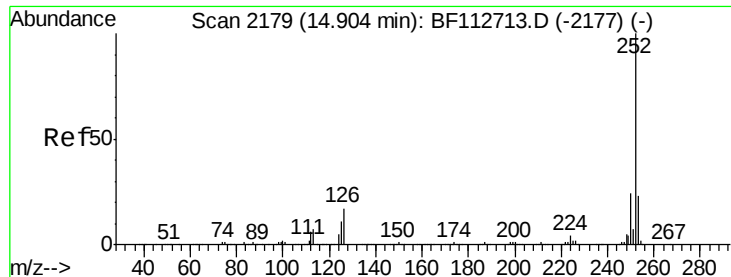
Sohil
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#88
 Benzo(b)fluoranthene
 Concen: 39.129 ng m
 RT: 14.88 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: BF113199.D
 Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.0	10.2	15.2#





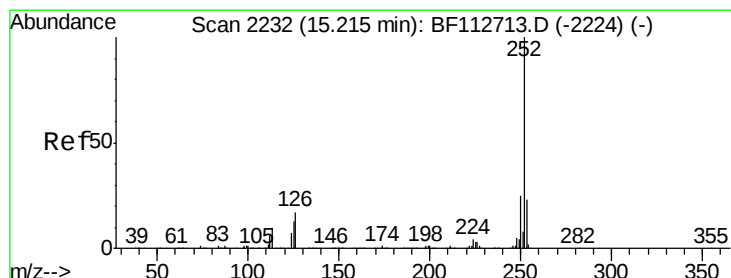
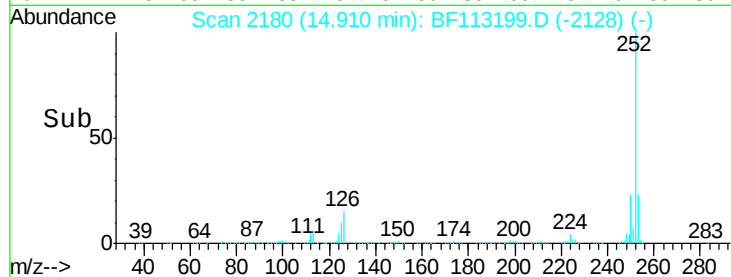
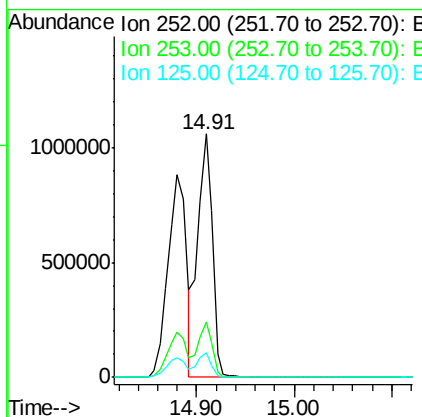
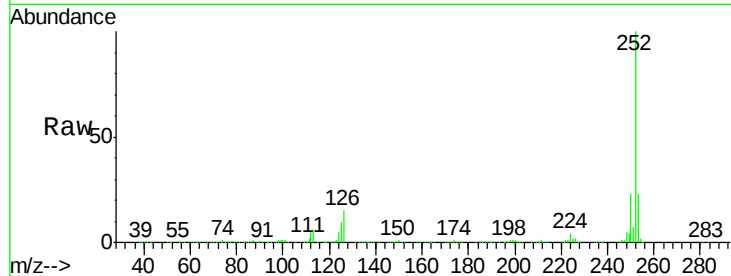
#89
Benzo(k)fluoranthene
Concen: 41.311 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1103542
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.2 9.8 14.6

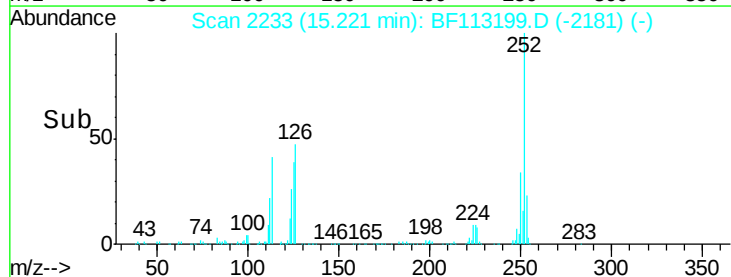
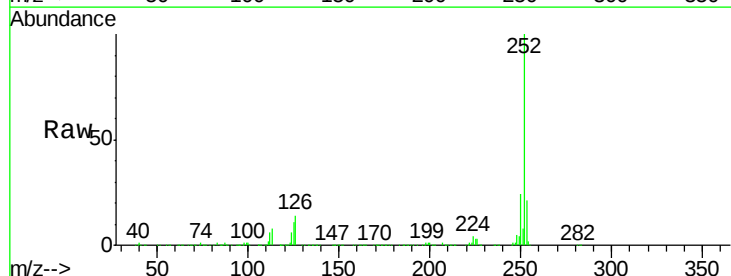
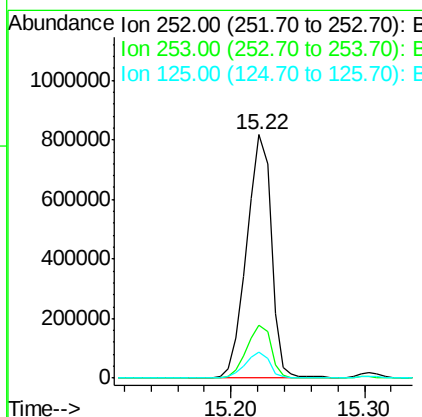
Manual Integrations
APPROVED

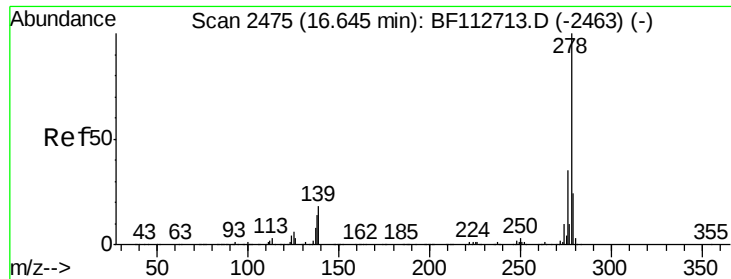
Sohil
3/22/2019 3:35:45 PM



#90
Benzo(a)pyrene
Concen: 39.833 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion:252 Resp: 1039061
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 10.8 10.7 16.1





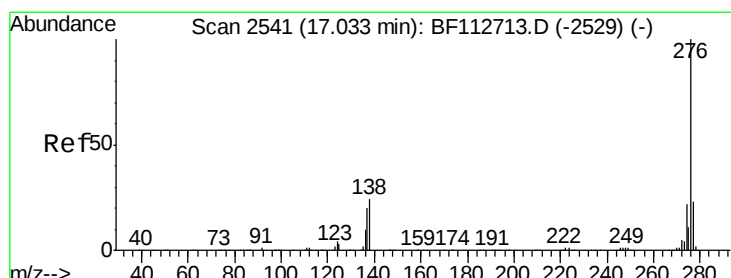
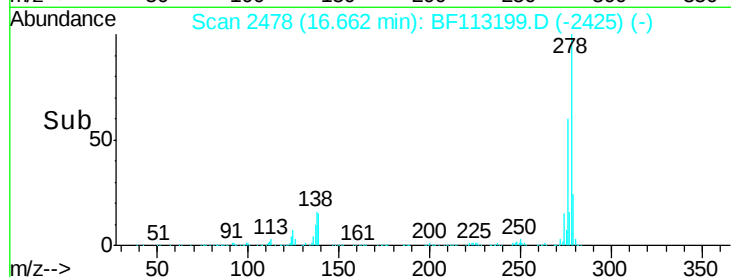
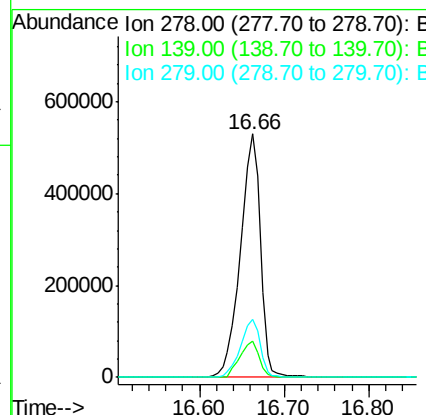
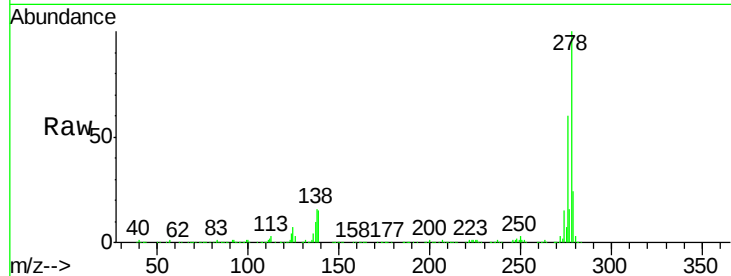
#91
Dibenzo(a,h)anthracene
Concen: 38.803 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	14.3	21.5
279	23.8	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/22/2019 3:35:45 PM



#92
Benzo(g,h,i)perylene
Concen: 37.801 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF113199.D
Acq: 21 Mar 2019 10:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	27.8
138	19.3	19.4	29.0

