

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
 Data File : BF113261.D
 Acq On : 24 Mar 2019 11:11
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/26/2019 6:34:38 PM

Quant Time: Mar 25 04:26:53 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	206659	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	833071	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	388500	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	808618	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	598150	20.00	ng	0.00
87) Perylene-d12	15.27	264	526563	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	997852	75.11	ng	-0.02
7) Phenol-d6	6.37	99	1285611	77.04	ng	0.00
23) Nitrobenzene-d5	7.29	82	1249092	89.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	406683	98.60	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	2094306	91.02	ng	-0.01
79) Terphenyl-d14	12.82	244	2183001	70.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	234427	35.202	ng	98
3) Pyridine	3.08	79	646237	36.272	ng	98
4) n-Nitrosodimethylamine	3.03	42	283013	36.313	ng	97
6) Aniline	6.38	93	798346	34.754	ng	# 35
8) 2-Chlorophenol	6.51	128	580637	39.262	ng	92
9) Benzaldehyde	6.26	77	446017	37.091	ng	99
10) Phenol	6.38	94	725408	37.249	ng	# 66
11) bis(2-Chloroethyl)ether	6.46	93	580779	38.854	ng	96
12) 1,3-Dichlorobenzene	6.66	146	621679	40.693	ng	97
13) 1,4-Dichlorobenzene	6.73	146	641920	41.898	ng	98
14) 1,2-Dichlorobenzene	6.89	146	589772	41.992	ng	98
15) Benzyl Alcohol	6.87	79	474881	37.317	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	915057	36.683	ng	82
17) 2-Methylphenol	6.99	107	481769	40.156	ng	94
18) Hexachloroethane	7.23	117	240181	40.925	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	401060	37.945	ng	96
20) 3+4-Methylphenols	7.14	107	565117	41.721	ng	# 85
22) Acetophenone	7.13	105	844059	43.331	ng	93
24) Nitrobenzene	7.30	77	646881	41.747	ng	99
25) Isophorone	7.55	82	1186990	39.575	ng	99
26) 2-Nitrophenol	7.62	139	350266	54.302	ng	94
27) 2,4-Dimethylphenol	7.67	122	467362	38.946	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	727405	38.791	ng	98
29) 2,4-Dichlorophenol	7.87	162	526042	45.203	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	556168	44.479	ng	99
31) Naphthalene	8.02	128	1688727	40.830	ng	99
32) Benzoic acid	7.82	122	402149	47.813	ng	94
33) 4-Chloroaniline	8.07	127	725609	41.420	ng	99
34) Hexachlorobutadiene	8.15	225	343889	48.765	ng	99
35) Caprolactam	8.46	113	178899m	43.648	ng	
36) 4-Chloro-3-methylphenol	8.57	107	538661	41.825	ng	97
37) 2-Methylnaphthalene	8.71	142	1120875	41.965	ng	99
38) 1-Methylnaphthalene	8.81	142	1092634	42.230	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	539875	47.654	ng	98

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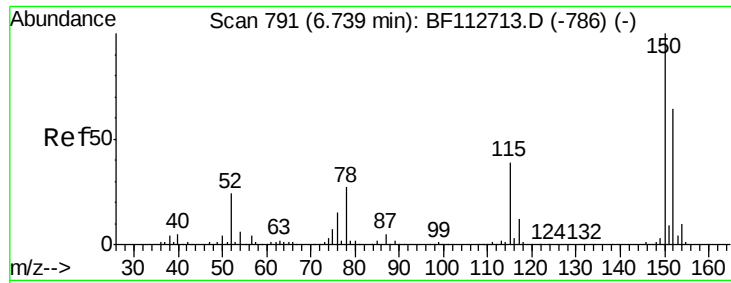
Manual Integrations
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Sohil
 3/26/2019 6:34:38 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	240656	38.792	nq	99
43) 2,4,6-Trichlorophenol	9.00	196	358600	45.992	nq	100
44) 2,4,5-Trichlorophenol	9.04	196	385164	45.703	nq	99
46) 1,1'-Biphenyl	9.18	154	1405715	44.361	nq	99
47) 2-Chloronaphthalene	9.20	162	1079009	43.608	nq	98
48) 2-Nitroaniline	9.30	65	357565	47.543	nq	98
49) Acenaphthylene	9.62	152	1624314	38.669	nq	100
50) Dimethylphthalate	9.48	163	1257101	43.884	nq	99
51) 2,6-Dinitrotoluene	9.55	165	273376	45.828	nq #	78
52) Acenaphthene	9.79	154	929784	37.851	nq	99
53) 3-Nitroaniline	9.71	138	315390	43.390	nq	96
54) 2,4-Dinitrophenol	9.82	184	139106	58.864	nq	97
55) Dibenzofuran	9.96	168	1381116	38.684	nq	99
56) 4-Nitrophenol	9.89	139	220209	37.276	nq	96
57) 2,4-Dinitrotoluene	9.95	165	343381	46.309	nq	90
58) Fluorene	10.30	166	1055808	41.666	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	306305	43.624	nq	92
60) Diethylphthalate	10.17	149	1168378	38.618	nq	99
61) 4-Chlorophenyl-phenylether	10.29	204	534805	45.362	nq	93
62) 4-Nitroaniline	10.33	138	321068	47.801	nq	97
63) Azobenzene	10.45	77	1109079	35.790	nq	96
65) 4,6-Dinitro-2-methylphenol	10.36	198	176730	52.693	nq #	72
66) n-Nitrosodiphenylamine	10.41	169	978750	37.741	nq	99
67) 4-Bromophenyl-phenylether	10.78	248	378947	44.492	nq #	90
68) Hexachlorobenzene	10.85	284	437921	45.612	nq #	90
69) Atrazine	10.94	200	277563	34.947	nq	99
70) Pentachlorophenol	11.05	266	228809	40.490	nq	99
71) Phenanthrene	11.26	178	1629194	40.495	nq	100
72) Anthracene	11.31	178	1659179	39.397	nq	100
73) Carbazole	11.46	167	1603704	39.036	nq	100
74) Di-n-butylphthalate	11.79	149	1870903	37.980	nq	99
75) Fluoranthene	12.44	202	1694955	39.323	nq	98
77) Benzidine	12.56	184	704379	22.698	nq	100
78) Pyrene	12.67	202	1722322	34.156	nq	99
80) Butylbenzylphthalate	13.29	149	800695	35.973	nq	90
81) Benzo(a)anthracene	13.85	228	1404321	33.875	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	581441	37.085	nq	97
83) Chrysene	13.89	228	1452056	35.759	nq	100
84) Bis(2-ethylhexyl)phthalate	13.84	149	948171	36.318	nq	100
85) Di-n-octyl phthalate	14.46	149	1628763	36.332	nq	98
86) Indeno(1,2,3-cd)pyrene	16.64	276	1283745	37.082	nq	94
88) Benzo(b)fluoranthene	14.87	252	1379994m	40.517	nq	
89) Benzo(k)fluoranthene	14.90	252	1146427	37.160	nq	98
90) Benzo(a)pyrene	15.22	252	1175657	39.024	nq #	96
91) Dibenzo(a,h)anthracene	16.65	278	1036552	40.321	nq	96
92) Benzo(g,h,i)perylene	17.05	276	1093496	42.361	nq #	95

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



#1

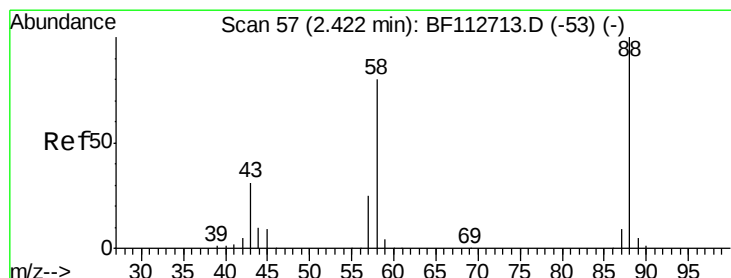
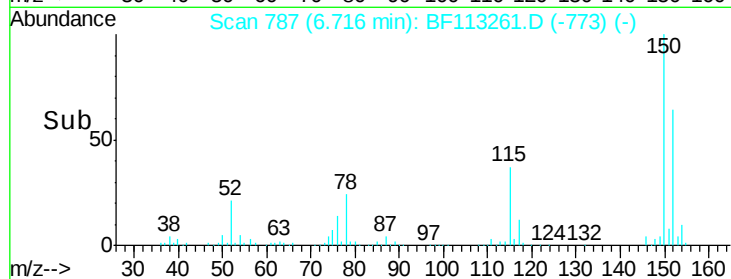
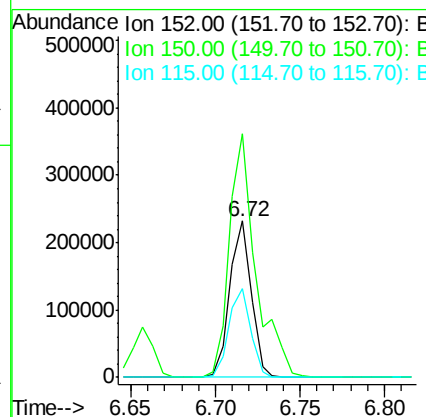
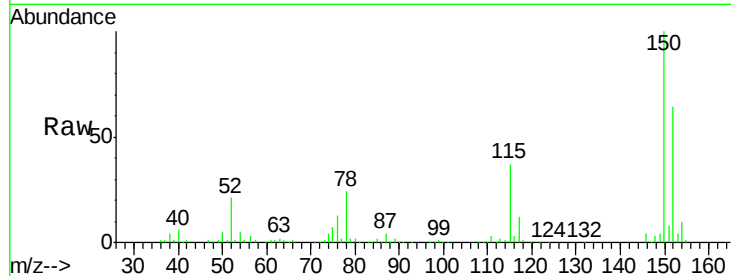
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.2
115	56.9	48.2	72.4

Manual Integrations
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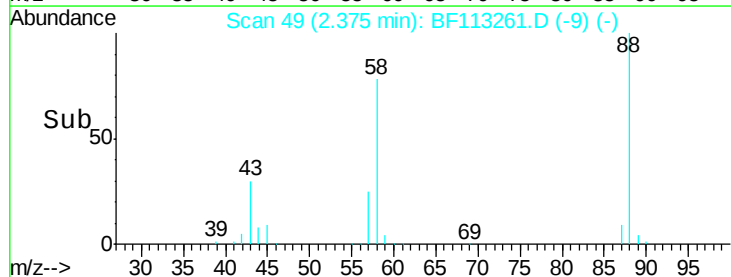
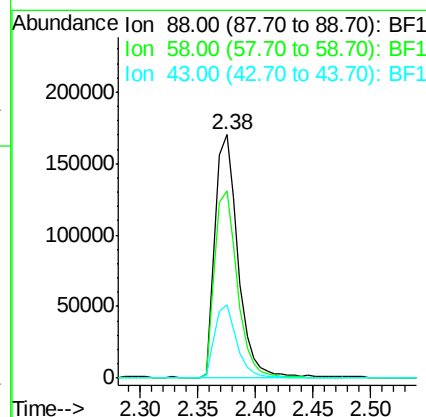
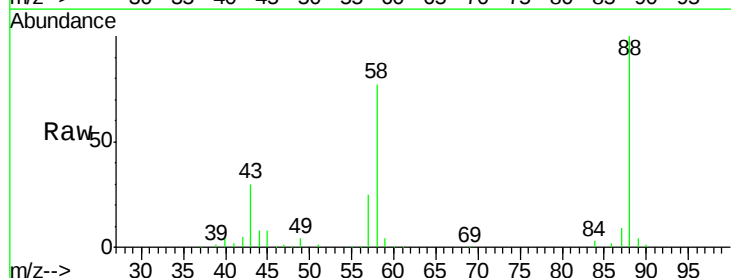
Sohil
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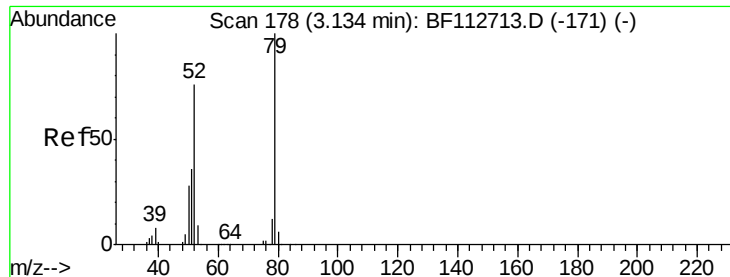


#2

1,4-Dioxane
Concen: 35.202 ng
RT: 2.38 min Scan# 49
Delta R.T. -0.06 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.1	63.1	94.7
43	29.4	24.3	36.5





#3

Pvridine

Concen: 36.272 ng

RT: 3.08 min Scan# 169

Delta R.T. -0.06 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

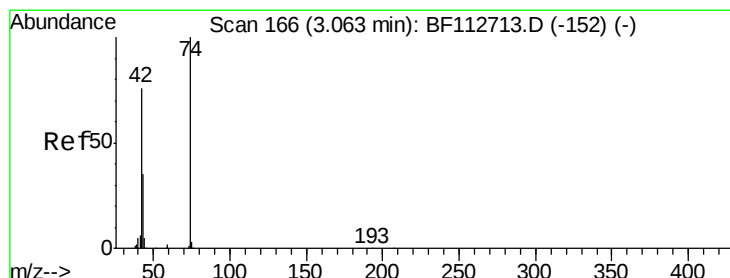
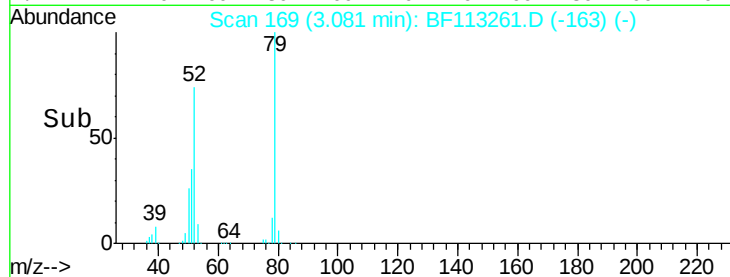
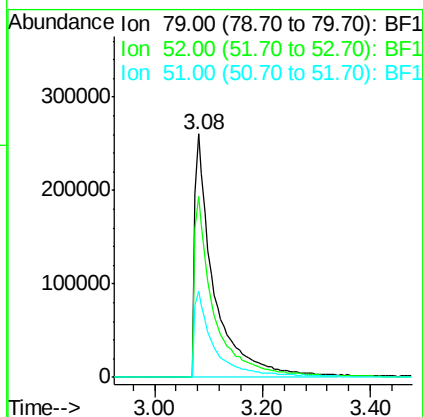
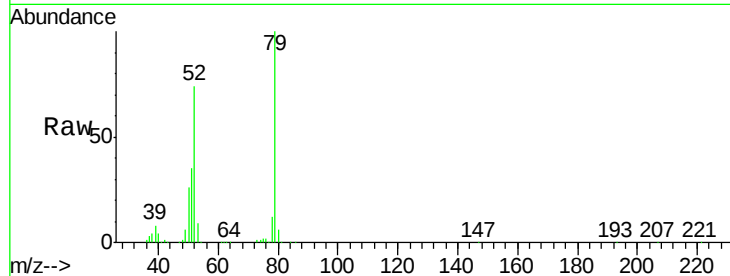
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	646237
Ion	Ratio	Lower	Upper
79	100		
52	74.2	60.5	90.7
51	35.3	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 36.313 ng

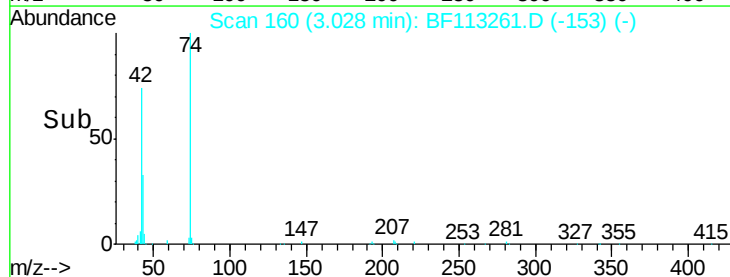
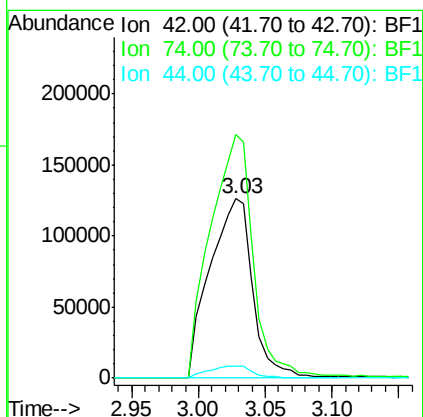
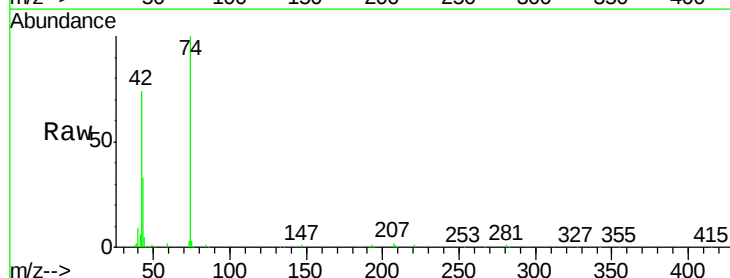
RT: 3.03 min Scan# 160

Delta R.T. -0.06 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Tgt Ion:	42	Resp:	283013
Ion	Ratio	Lower	Upper
42	100		
74	135.6	105.8	158.8
44	7.0	6.2	9.2





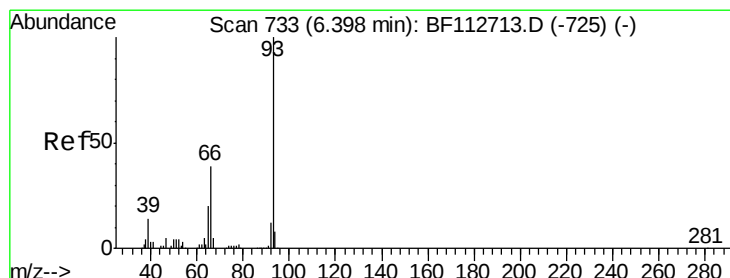
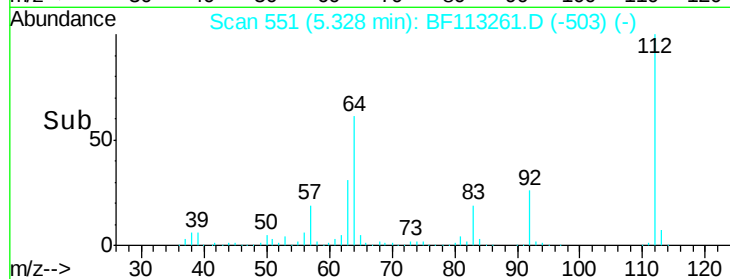
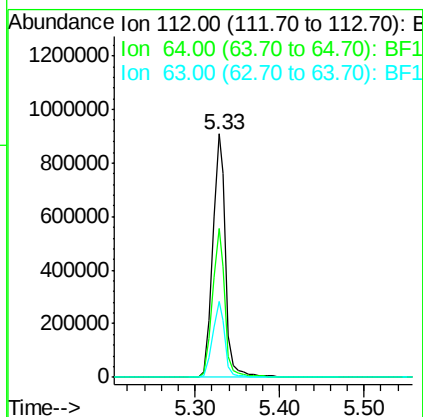
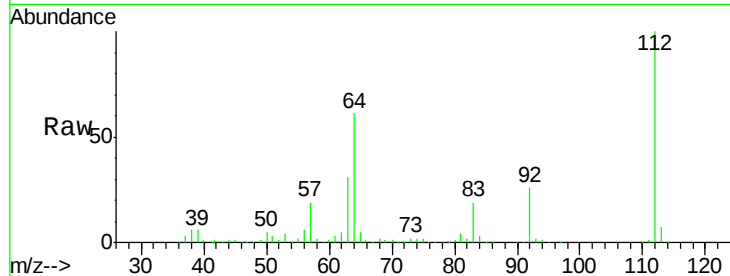
#5
2-Fluorophenol
Concen: 75.109 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		997852		
64	61.1	47.6	71.4		
63	31.2	24.4	36.6		

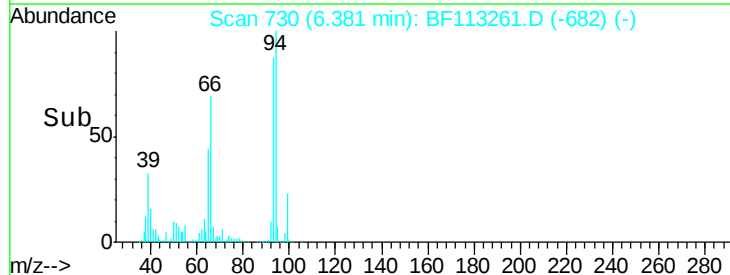
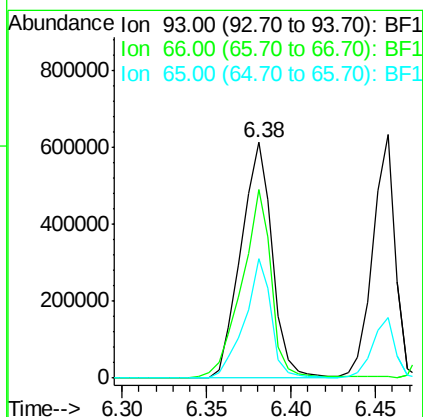
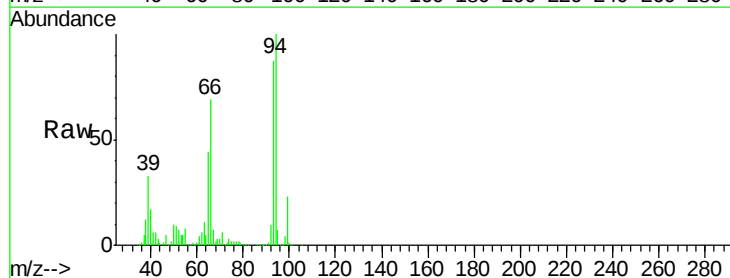
Manual Integrations
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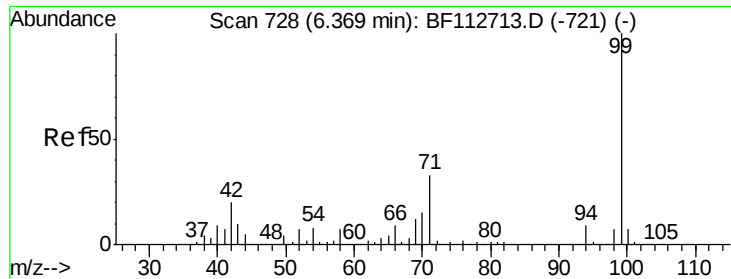
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#6
Aniline
Concen: 34.754 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		798346		
66	80.0	32.2	48.2#		
65	50.5	16.2	24.4#		





#7

Phenol-d6

Concen: 77.036 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1285611

Ion Ratio Lower Upper

99 100

42 18.8 16.3 24.5

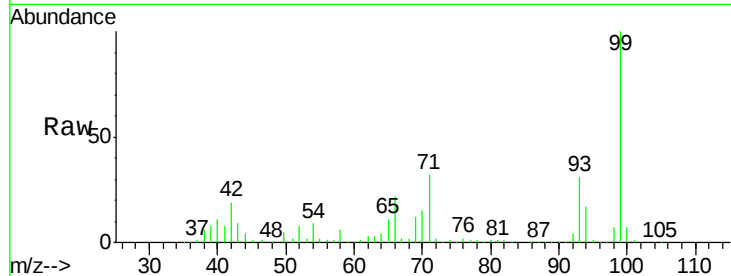
71 32.1 26.2 39.4

Manual Integrations

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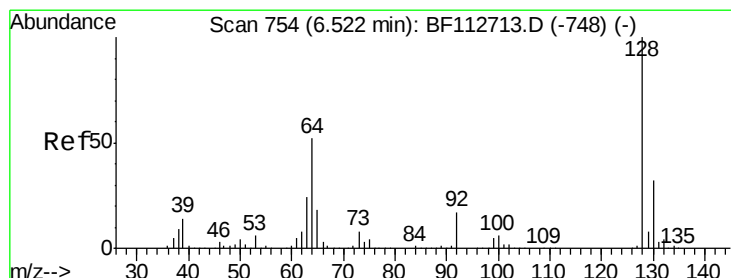
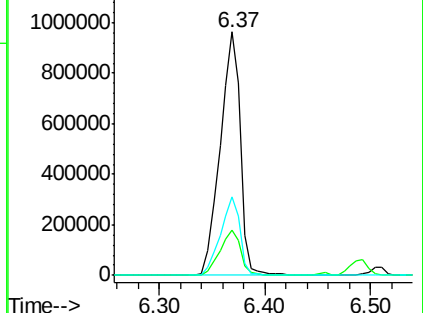
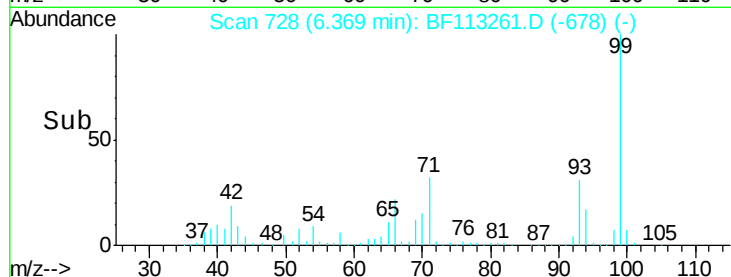
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.262 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

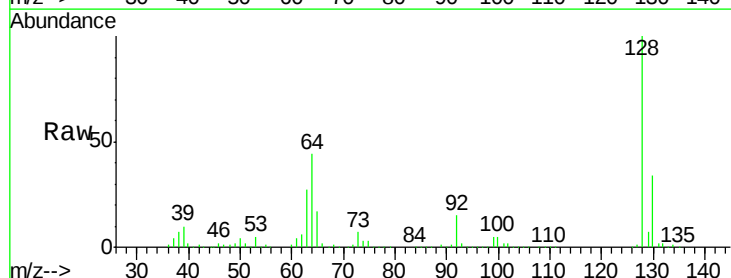
Tgt Ion: 128 Resp: 580637

Ion Ratio Lower Upper

128 100

130 33.5 12.4 52.4

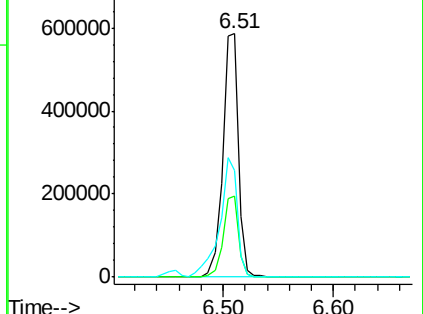
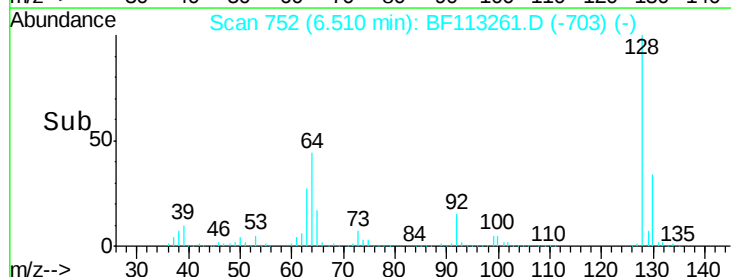
64 43.6 32.2 72.2

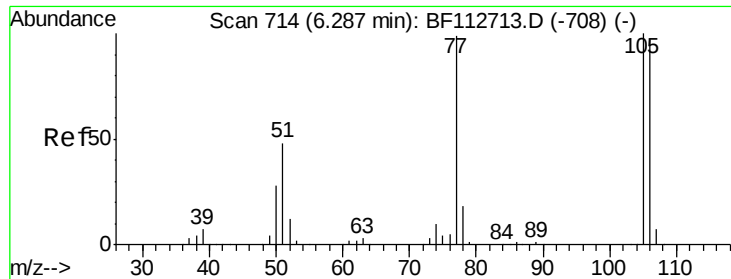


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





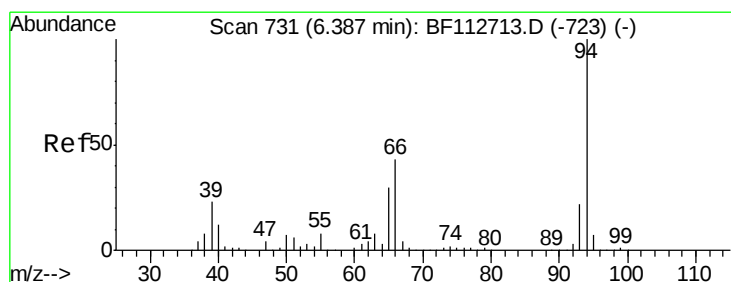
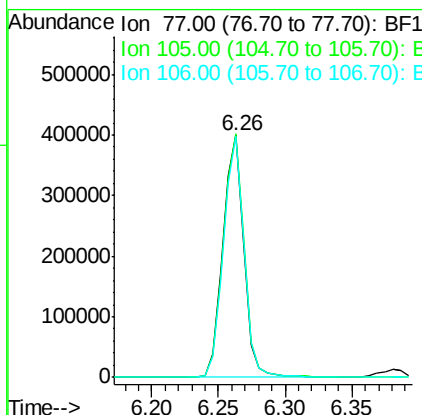
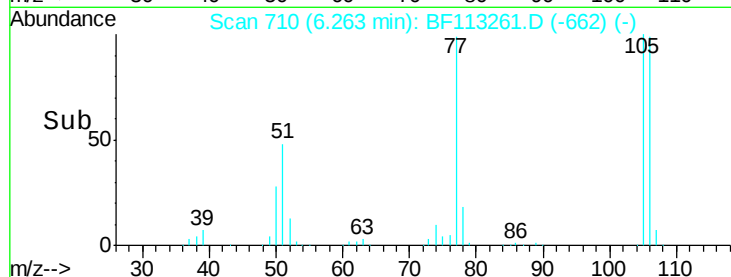
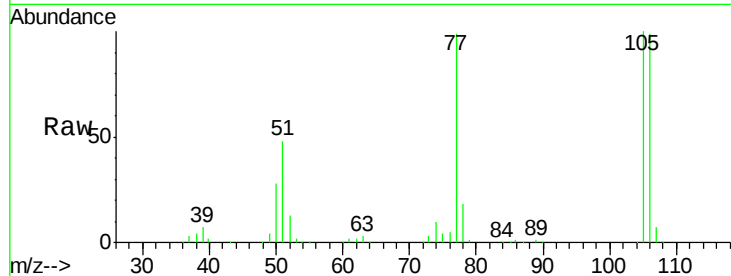
#9
Benzaldehyde
Concen: 37.091 ng
RT: 6.26 min Scan# 710
Delta R.T. -0.02 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.5	81.4	121.4
106	99.6	78.3	118.3

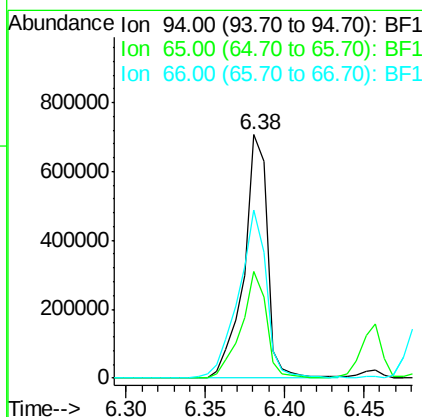
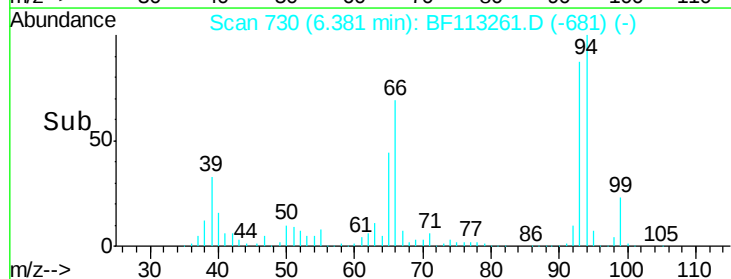
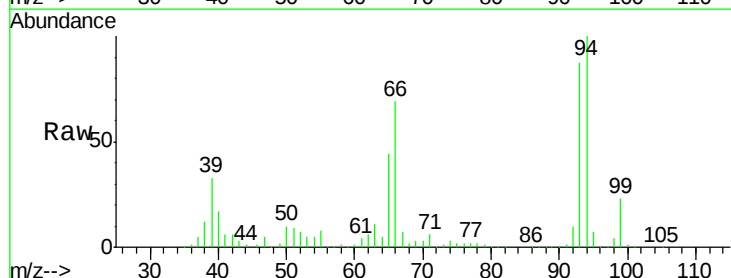
Manual Integrations
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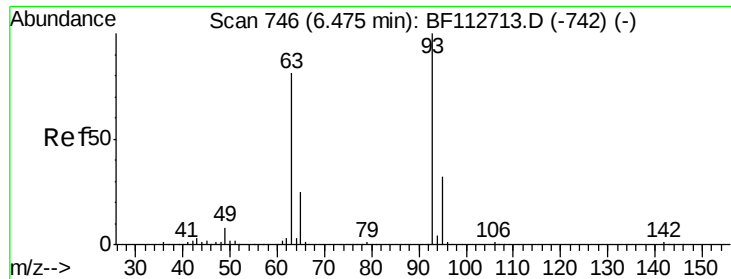
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#10
Phenol
Concen: 37.249 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	43.7	10.5	50.5
66	69.2	22.6	62.6





#11

bis(2-Chloroethyl)ether

Concen: 38.854 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

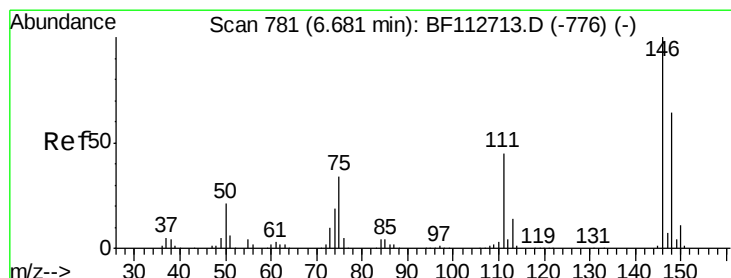
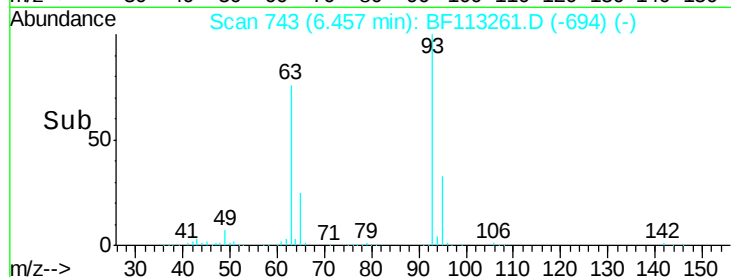
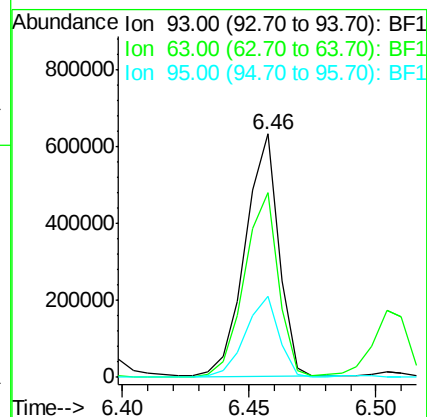
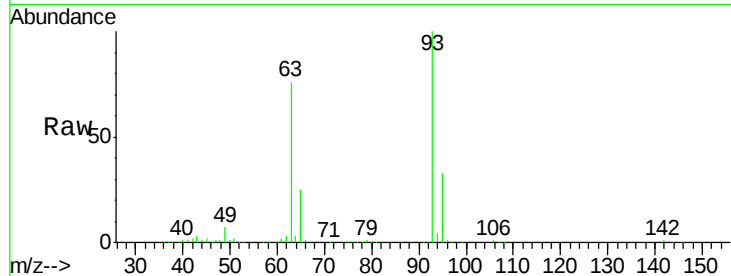
Tot Ion: 93 Resp: 580779

Ion	Ratio	Lower	Upper
93	100		
63	76.0	60.5	100.5
95	33.2	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 40.693 ng

RT: 6.66 min Scan# 777

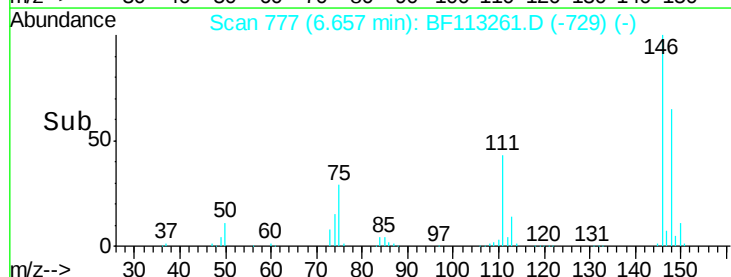
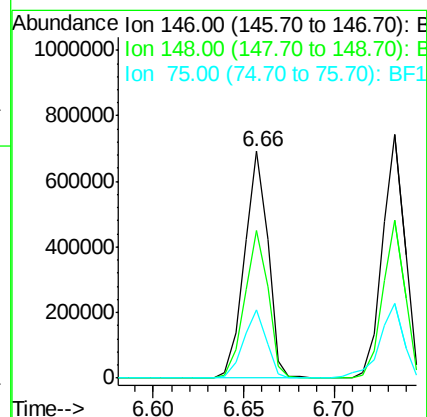
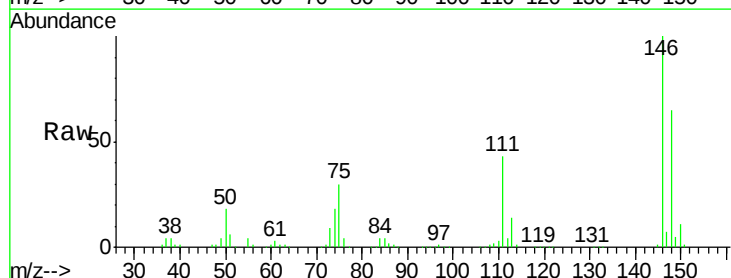
Delta R.T. -0.02 min

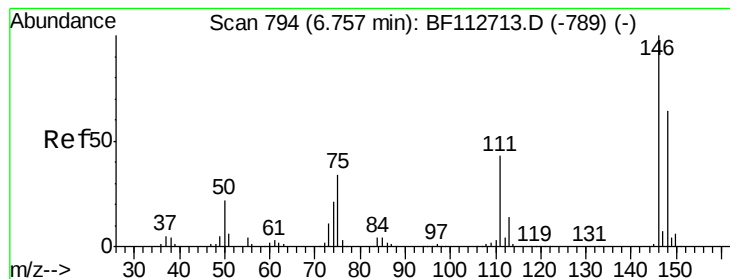
Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Tgt Ion: 146 Resp: 621679

Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.9	76.3
75	30.3	26.9	40.3





#13

1,4-Dichlorobenzene

Concen: 41.898 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

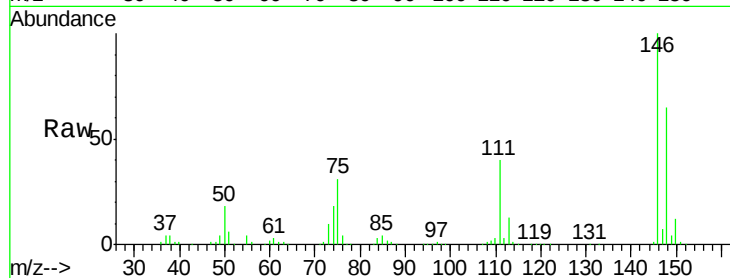
ClientSampleId :

SSTDCCC040

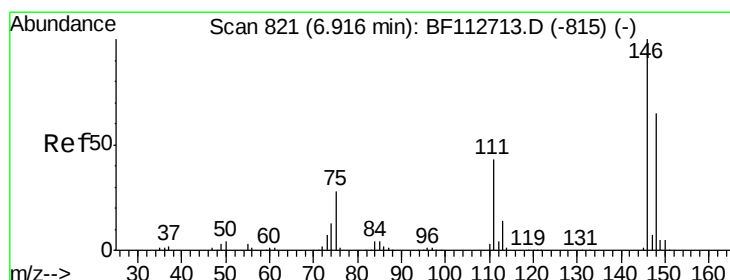
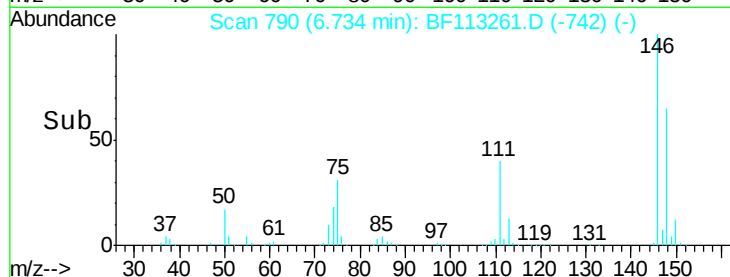
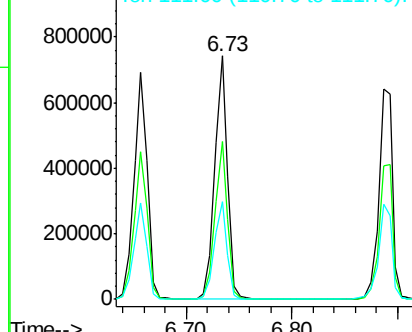
Tot Ion:	146	Resp:	641920
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.0	76.4
111	40.3	34.5	51.7

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.992 ng

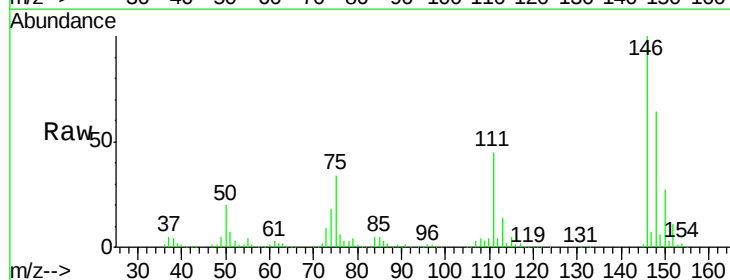
RT: 6.89 min Scan# 816

Delta R.T. -0.02 min

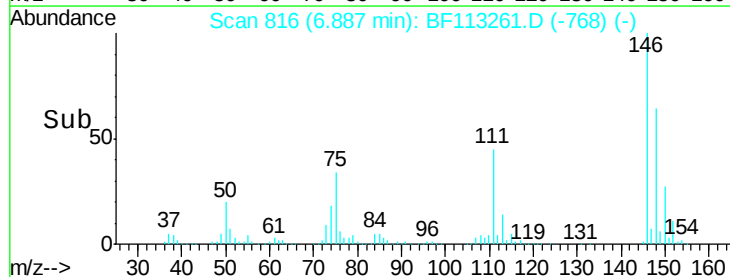
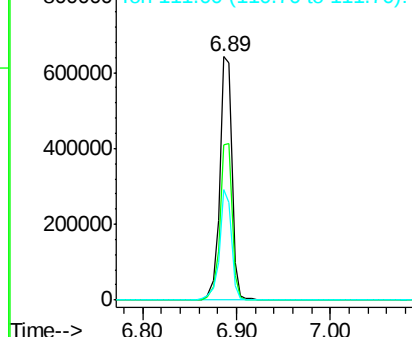
Lab File: BF113261.D

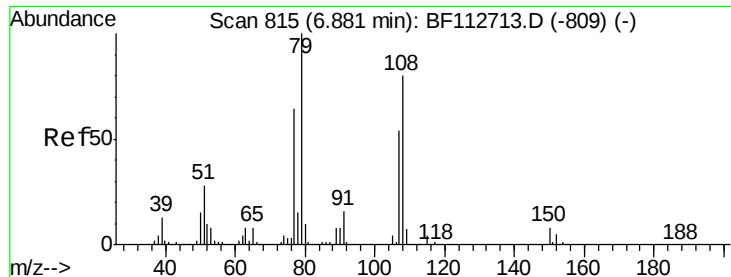
Acq: 24 Mar 2019 11:11

Tgt Ion:	146	Resp:	589772
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.0	78.0
111	45.2	34.8	52.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.317 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

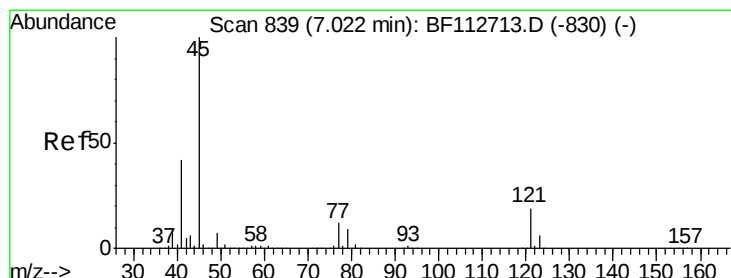
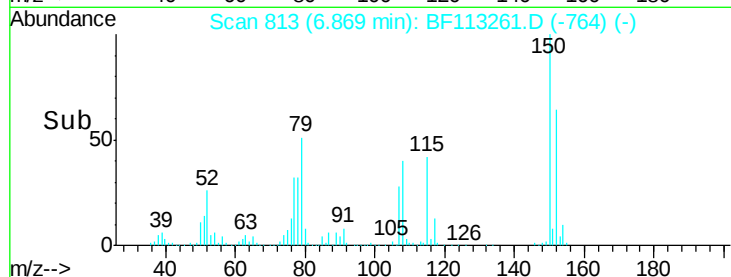
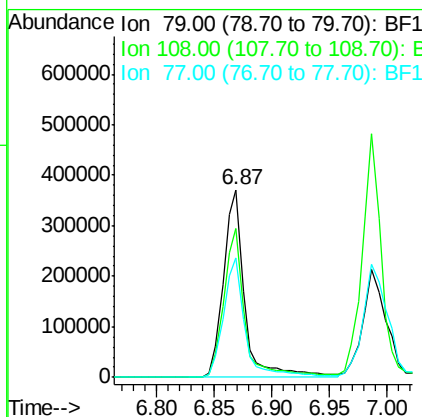
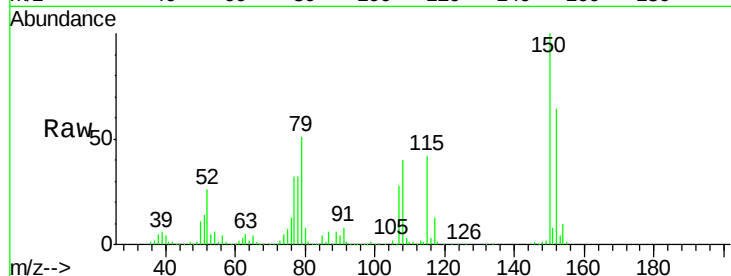
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	474881
Ion Ratio	Lower	Upper	
79	100		
108	79.5	64.2	96.4
77	64.0	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.683 ng

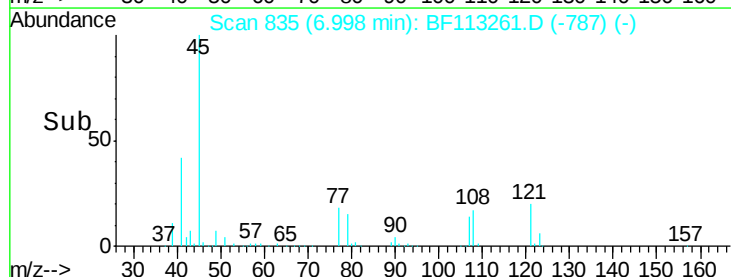
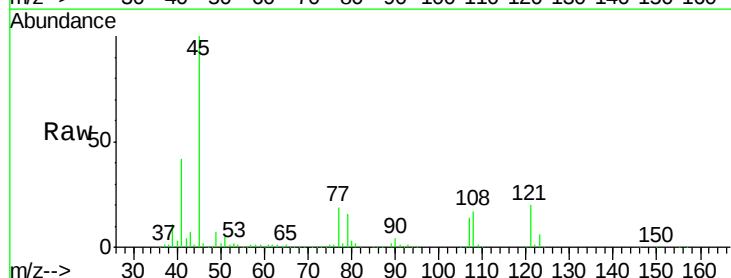
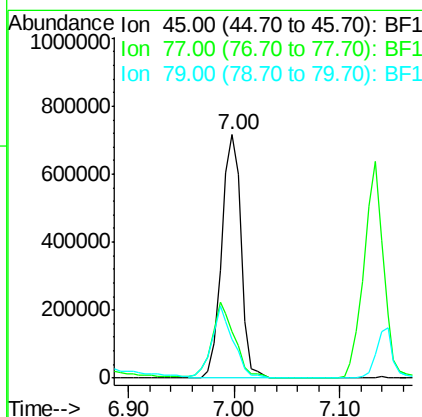
RT: 7.00 min Scan# 835

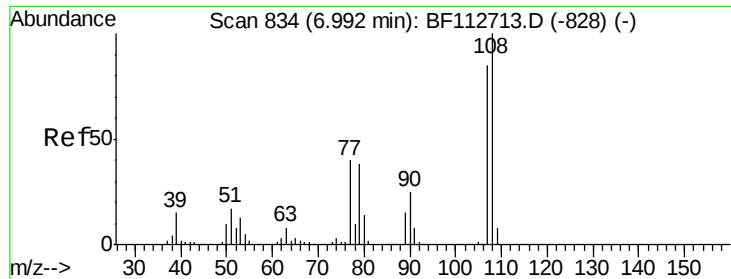
Delta R.T. -0.02 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Tgt Ion:	45	Resp:	915057
Ion Ratio	Lower	Upper	
45	100		
77	19.0	0.0	32.1
79	15.8	0.0	29.4





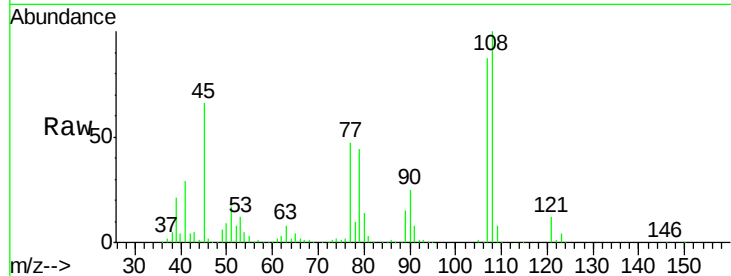
#17
2-Methylphenol
Concen: 40.156 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

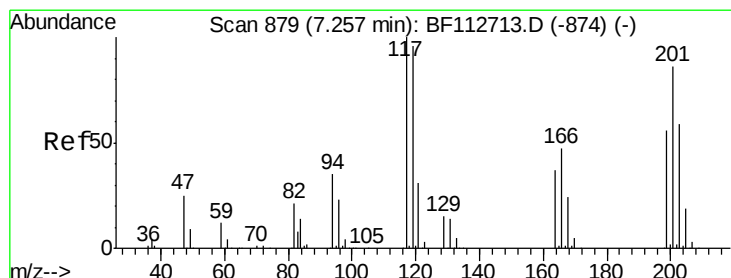
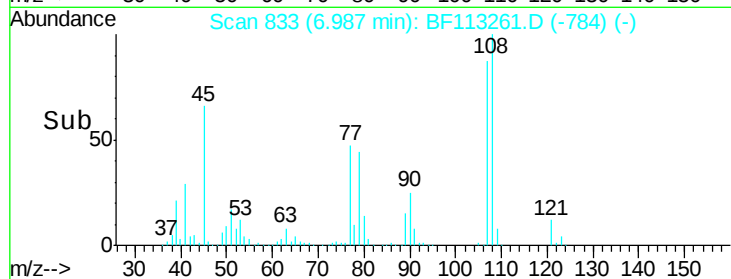
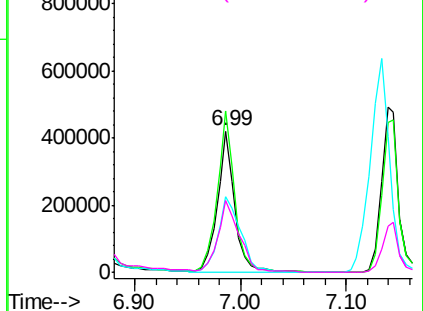
Tot Ion:	107	Resp:	481769
Ion Ratio	Lower	Upper	
107	100		
108	114.9	94.6	142.0
77	53.6	37.8	56.8
79	51.0	36.2	54.2

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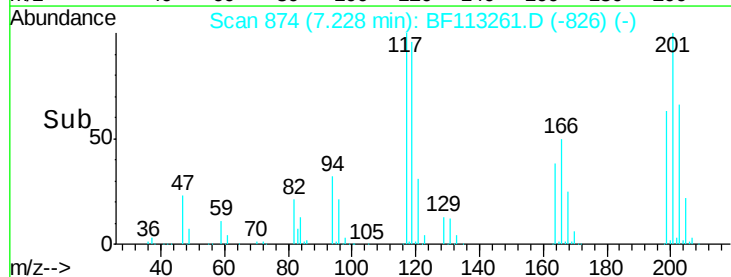
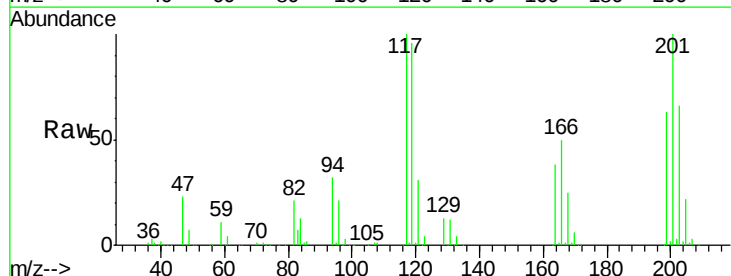
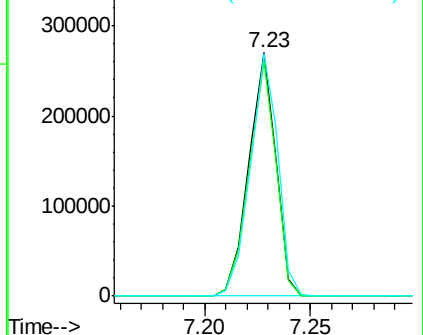
Abundance Ion 107.00 (106.70 to 107.70): E
1000000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

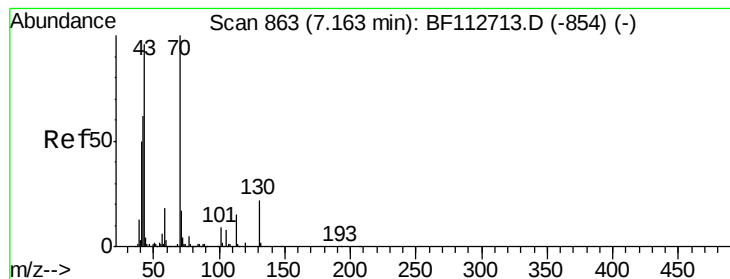


#18
Hexachloroethane
Concen: 40.925 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion:	117	Resp:	240181
Ion Ratio	Lower	Upper	
117	100		
119	96.4	76.6	115.0
201	99.8	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: 37.945 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

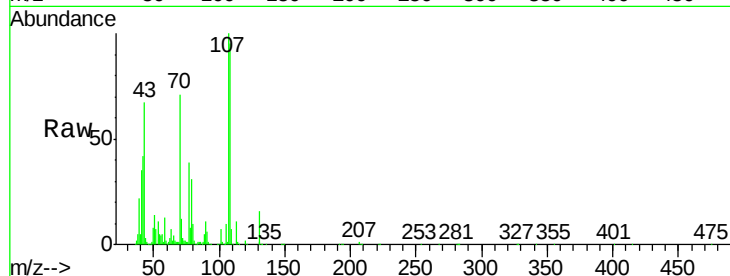
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.9	49.9	74.9		
101	9.8	7.4	11.2		
130	22.7	17.4	26.2		

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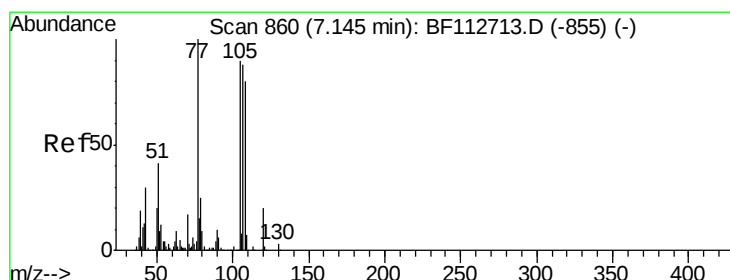
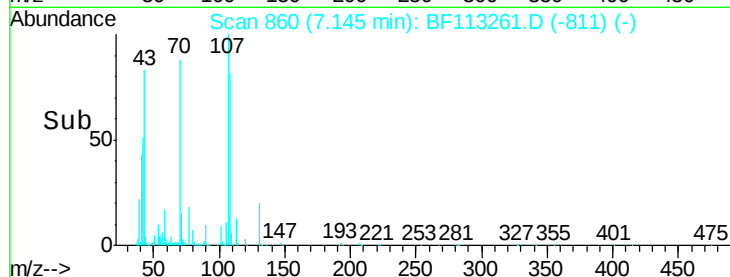
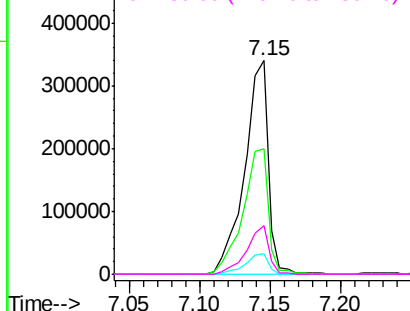
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.721 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.8	71.4	111.4		
77	82.2	94.1	134.1#		
79	27.6	8.6	48.6		

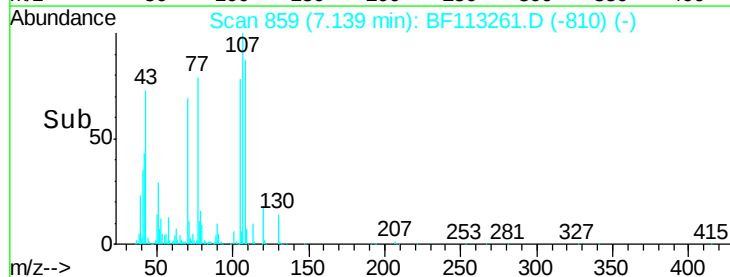
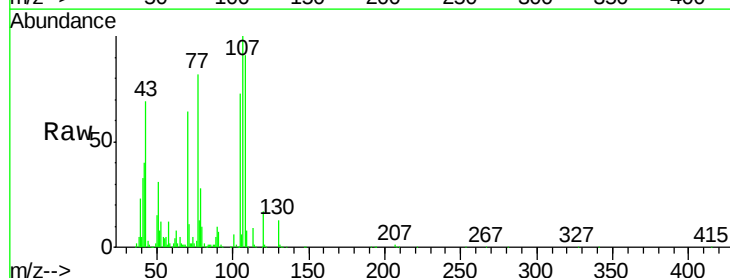
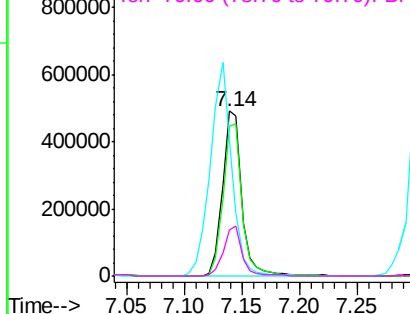
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

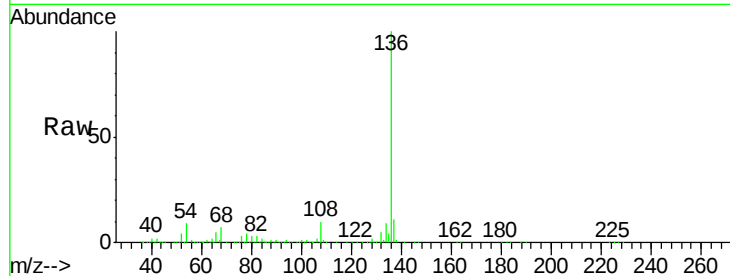
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	833071		
137	11.5	8.9	13.3	
54	8.6	7.3	10.9	
68	6.6	5.4	8.2	

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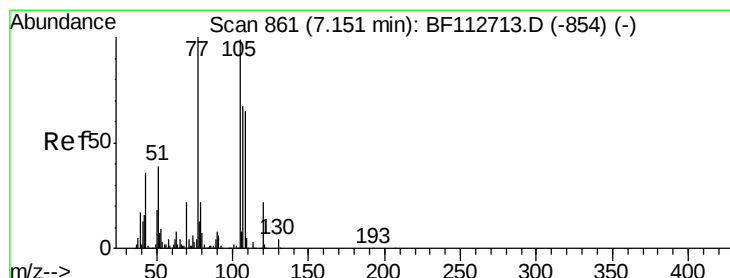
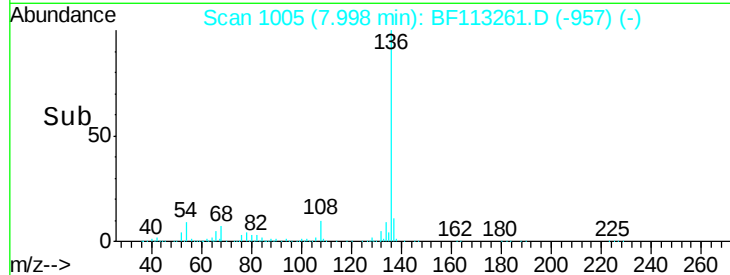
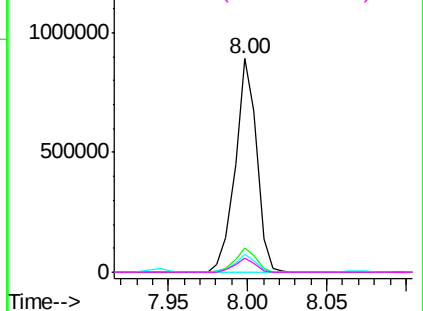


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.331 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

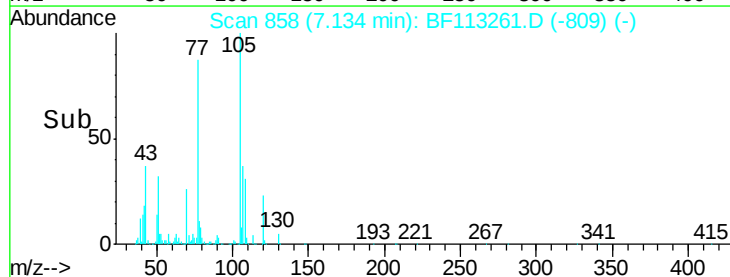
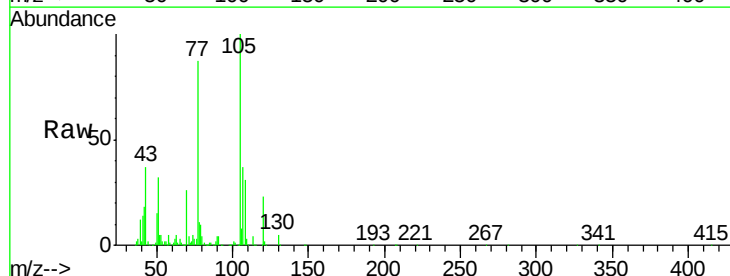
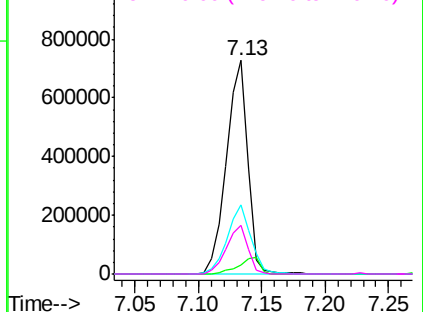
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	844059		
71	4.4	3.0	4.4	
51	32.3	31.5	47.3	
120	22.6	18.1	27.1	

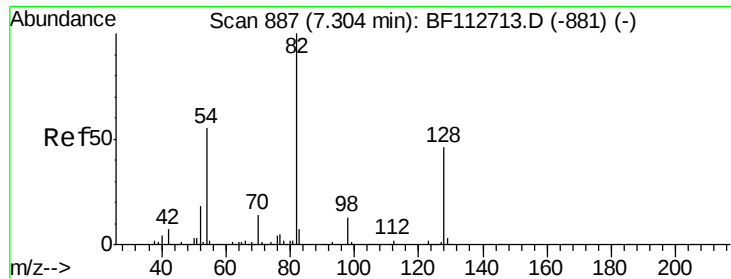
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





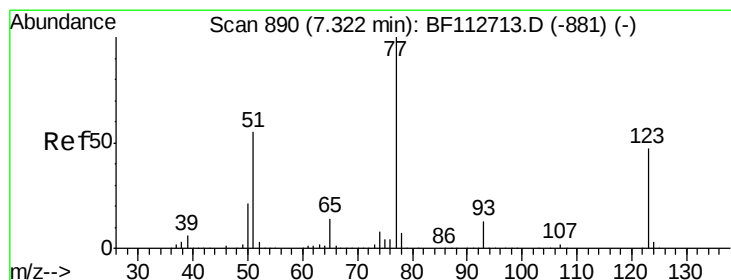
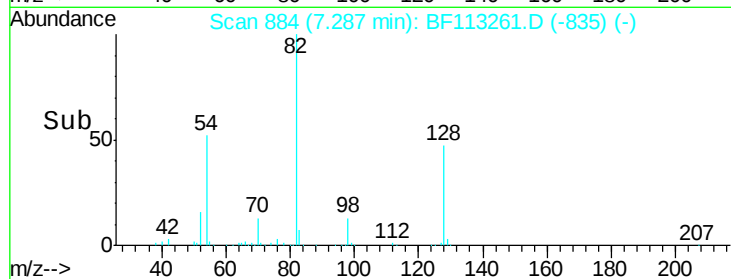
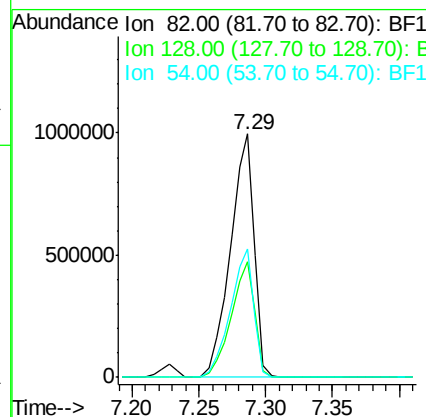
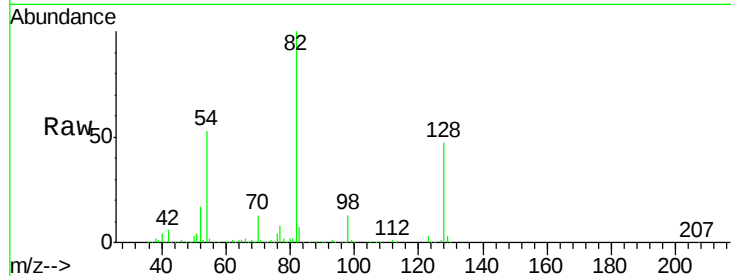
#23
Nitrobenzene-d5
Concen: 89.720 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1249092
Ion Ratio Lower Upper
82 100
128 47.4 36.3 54.5
54 52.6 43.7 65.5

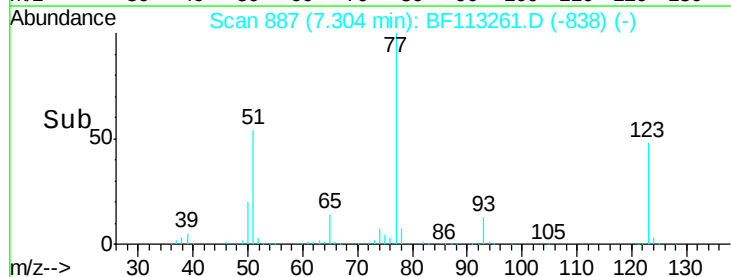
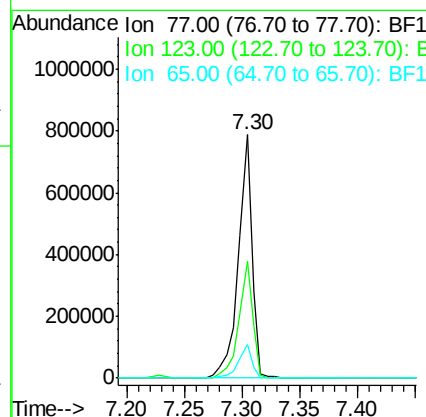
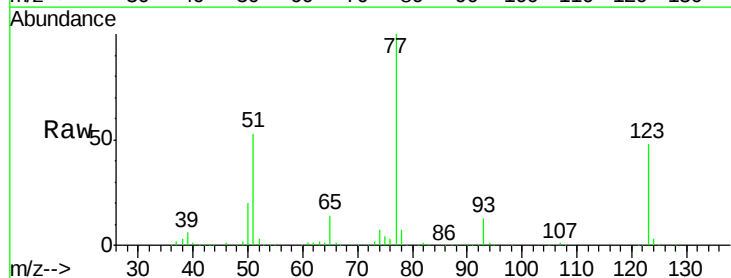
Manual Integrations
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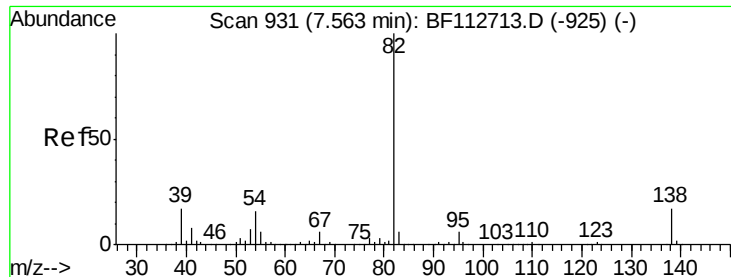
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#24
Nitrobenzene
Concen: 41.747 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion: 77 Resp: 646881
Ion Ratio Lower Upper
77 100
123 47.8 37.8 56.6
65 13.9 11.1 16.7





#25

Isophorone

Concen: 39.575 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1186990

Ion Ratio Lower Upper

82 100

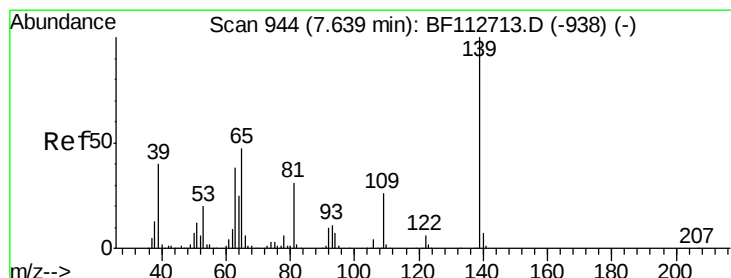
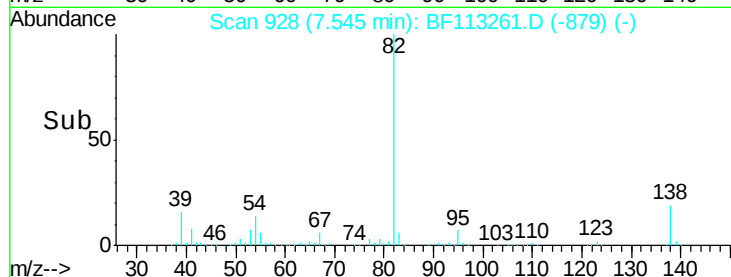
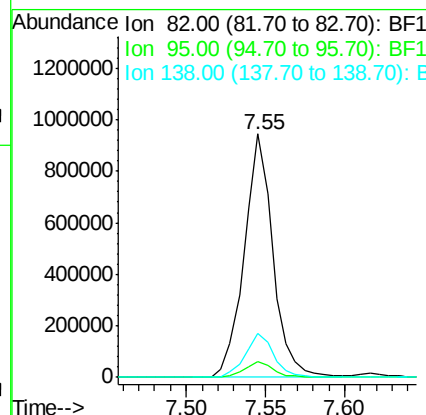
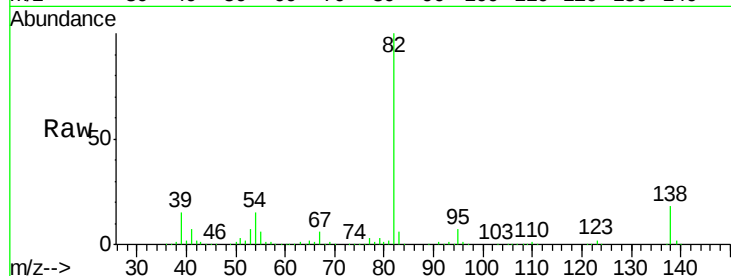
95 6.7 5.2 7.8

138 18.0 13.8 20.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.302 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

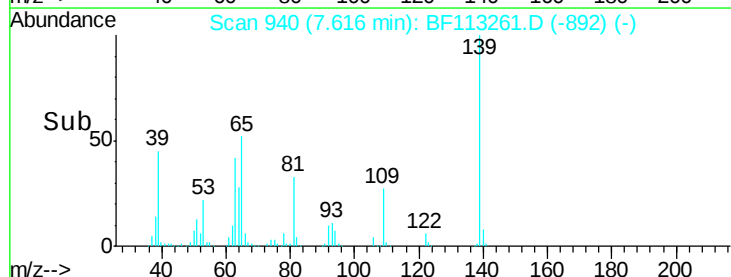
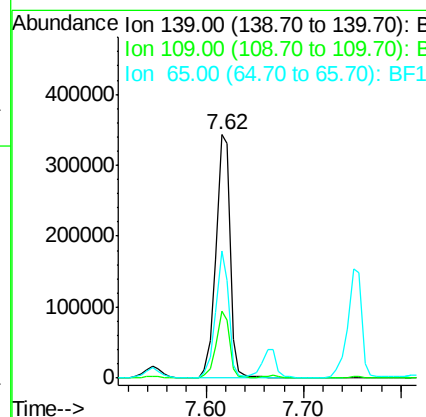
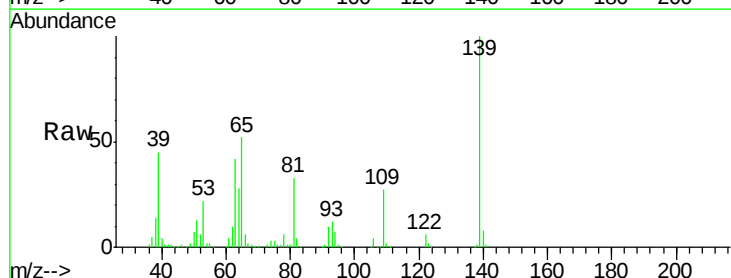
Tgt Ion: 139 Resp: 350266

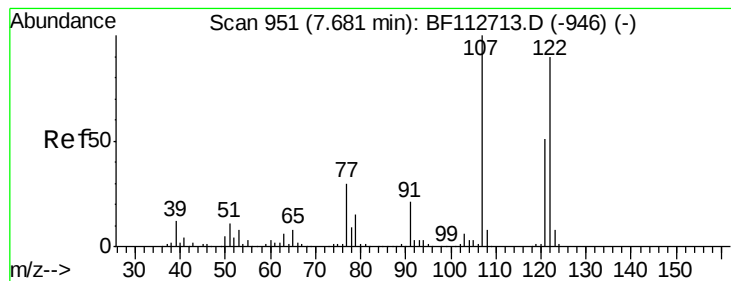
Ion Ratio Lower Upper

139 100

109 27.4 20.6 31.0

65 52.0 37.9 56.9





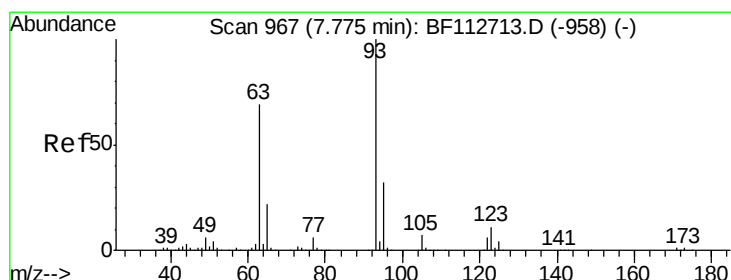
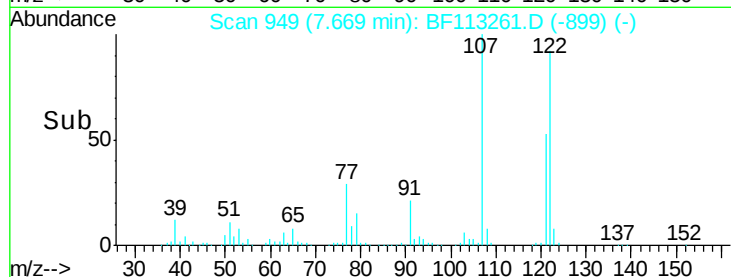
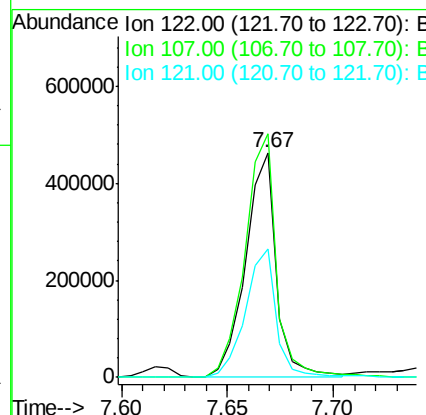
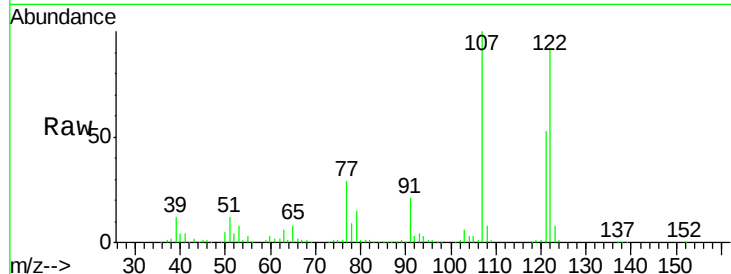
#27
2,4-Dimethylphenol
Concen: 38.946 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.5	89.4	134.0
121	57.5	45.5	68.3

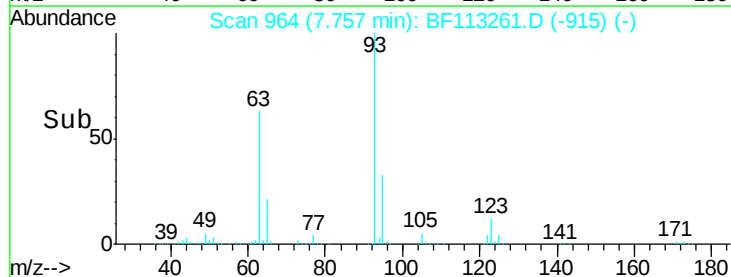
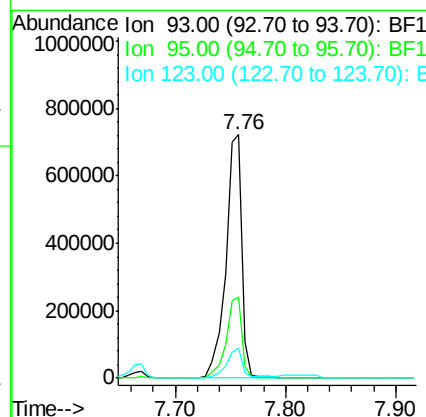
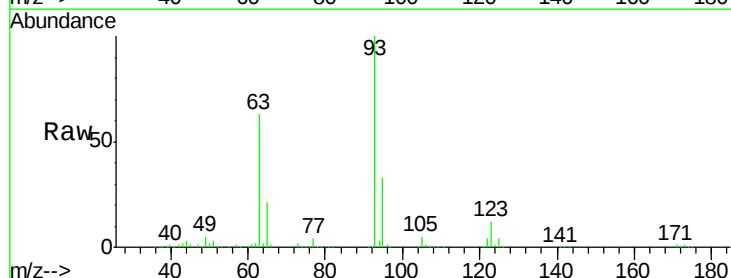
Manual Integrations
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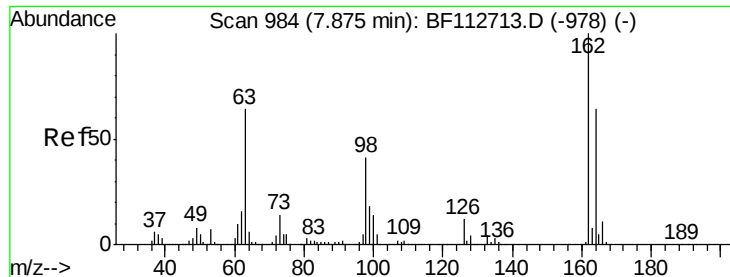
Sohil
3/26/2019 6:34:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.791 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.0	39.0
123	12.1	9.3	13.9





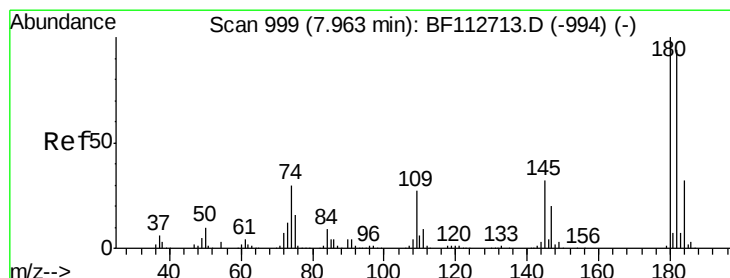
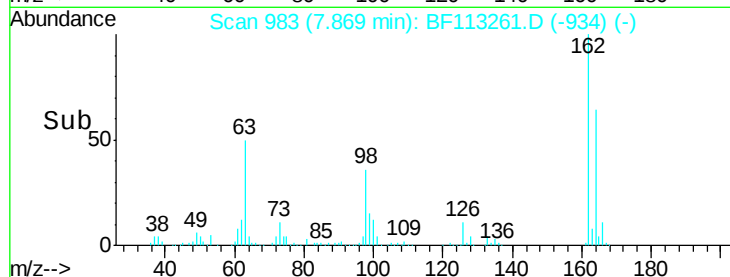
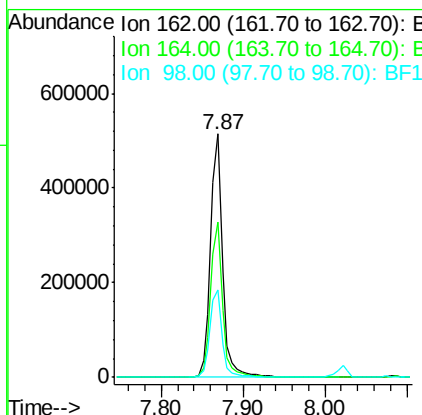
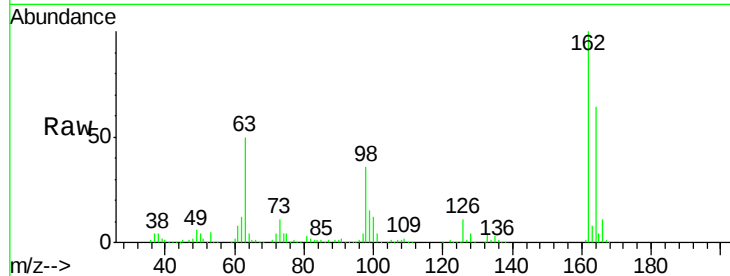
#29
2,4-Dichlorophenol
Concen: 45.203 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.0	84.0
98	35.9	20.7	60.7

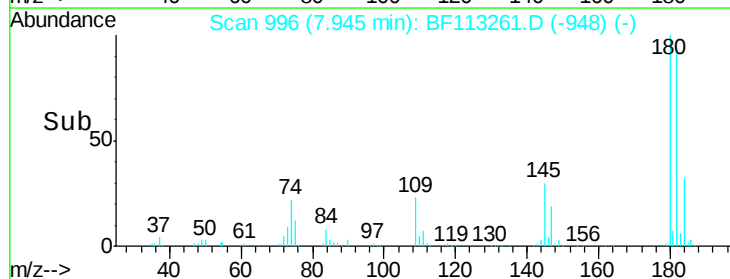
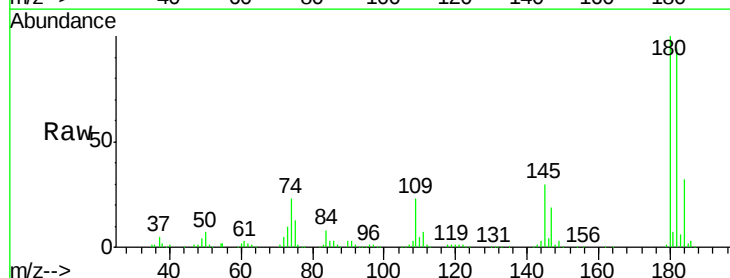
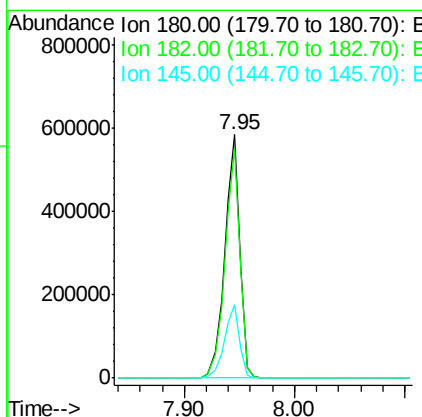
Manual Integrations
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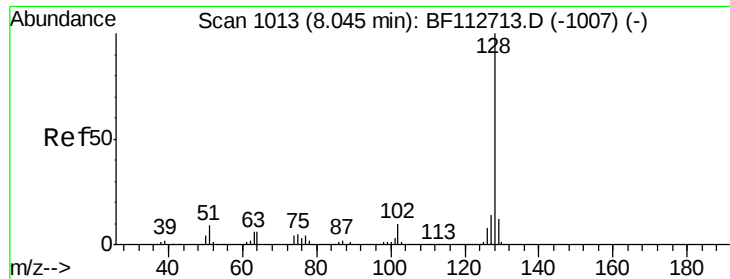
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#30
1,2,4-Trichlorobenzene
Concen: 44.479 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.02 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.2	112.8
145	30.0	25.4	38.0





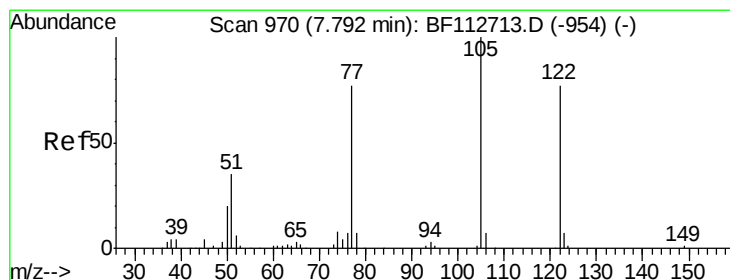
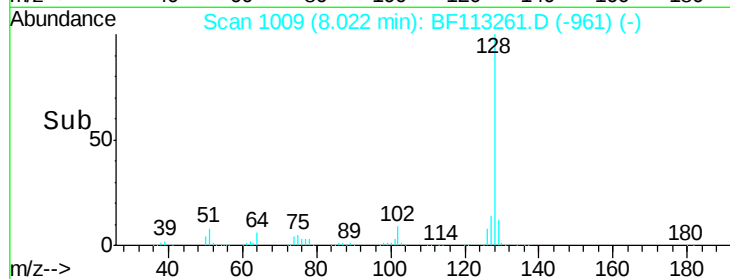
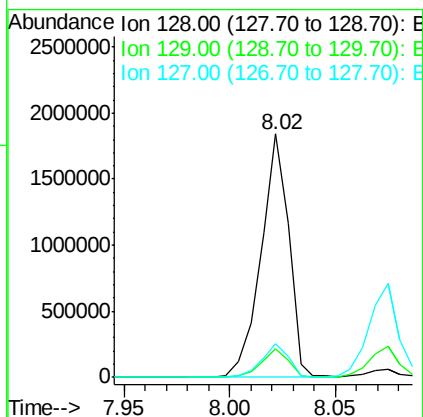
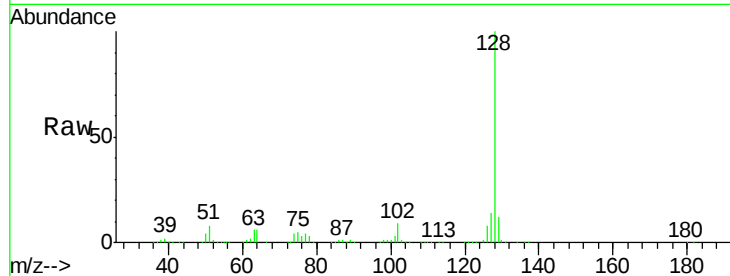
#31
Naphthalene
Concen: 40.830 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

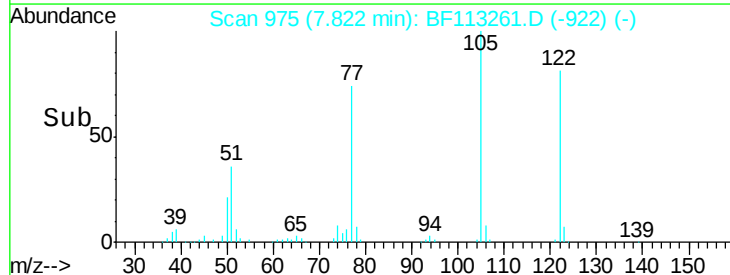
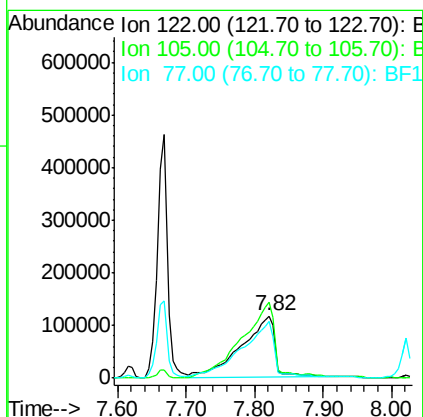
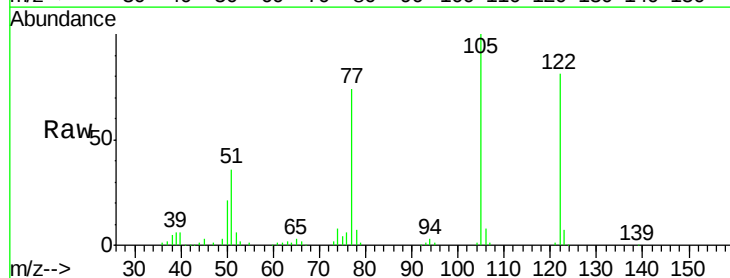
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#32
Benzoic acid
Concen: 47.813 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	106.8	146.8
77	91.2	79.4	119.4





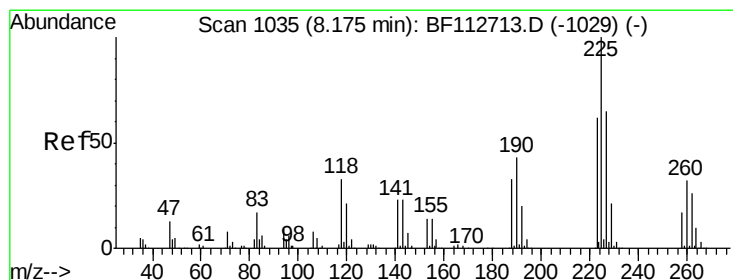
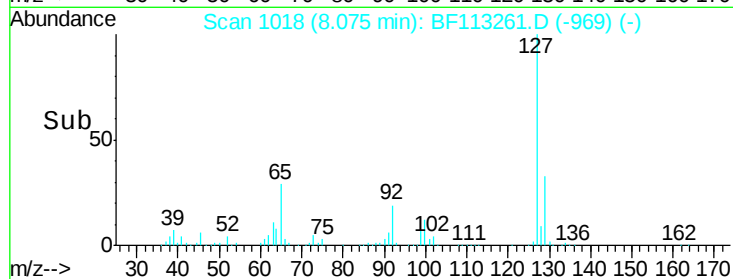
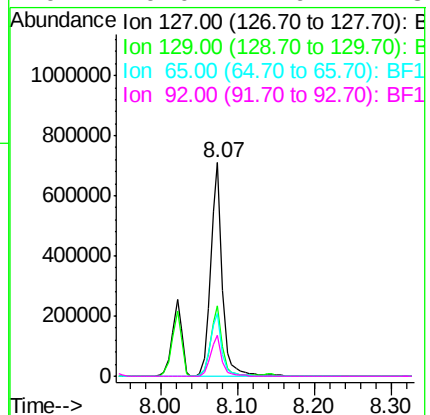
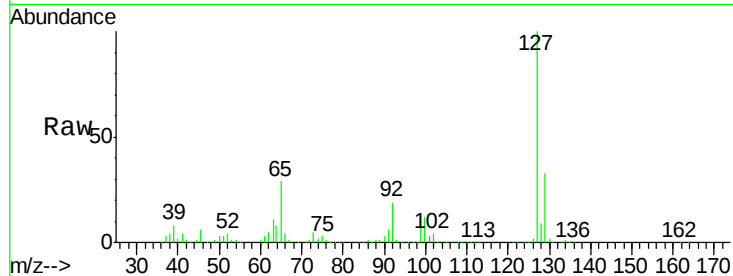
#33
4-Chloroaniline
Concen: 41.420 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		725609		
129	32.7	26.4	39.6		
65	29.2	23.1	34.7		
92	19.0	14.9	22.3		

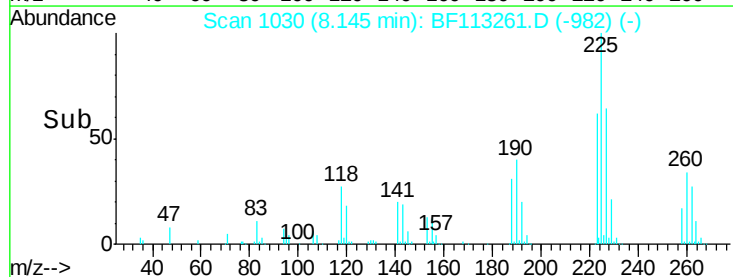
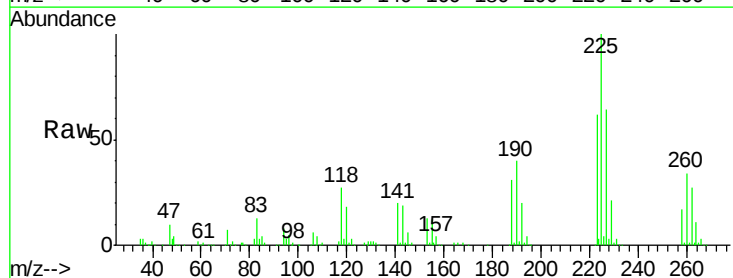
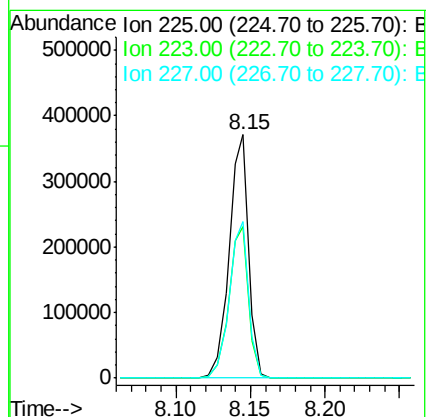
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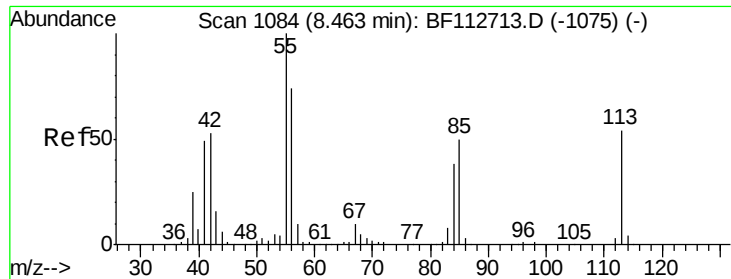
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#34
Hexachlorobutadiene
Concen: 48.765 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		343889		
223	62.3	49.7	74.5		
227	64.2	52.1	78.1		





#35

Caprolactam

Concen: 43.648 ng/mL

RT: 8.46 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

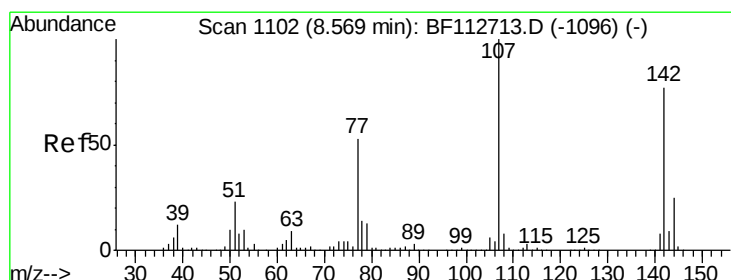
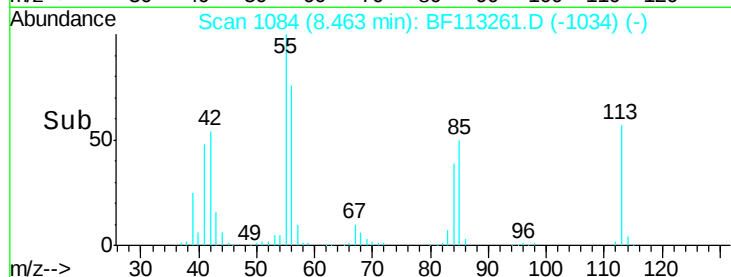
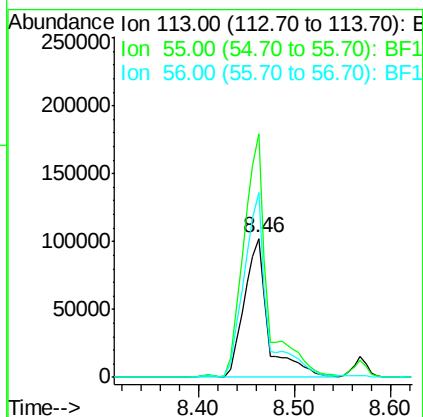
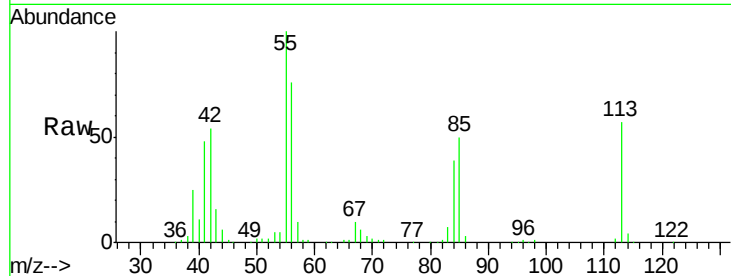
ClientSampleID :

SSTDCCC040

Tot Ion:	113	Resp:	178899
Ion Ratio	Lower	Upper	
113	100		
55	175.2	163.5	203.5
56	133.2	115.3	155.3

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 41.825 ng/mL

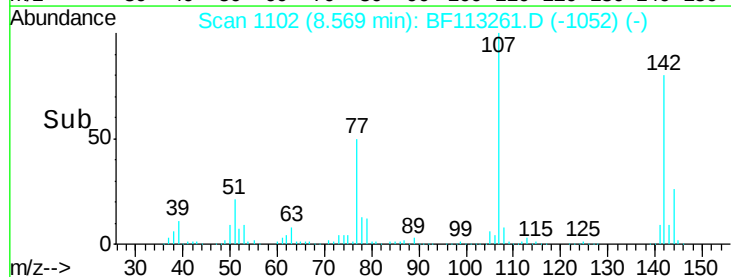
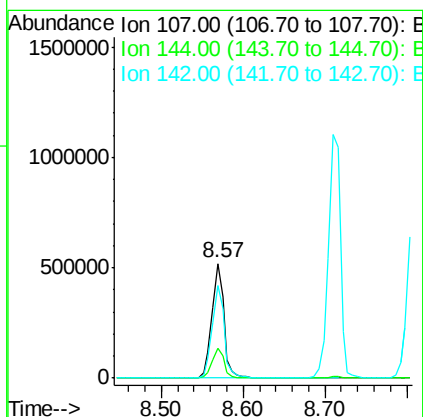
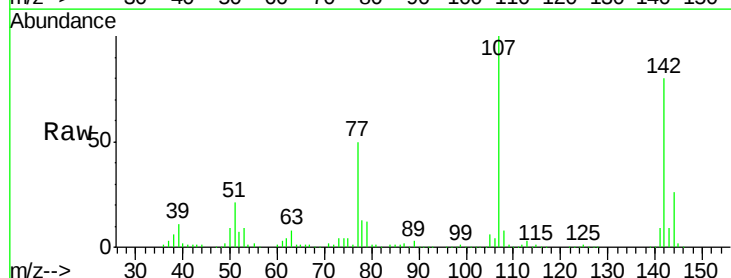
RT: 8.57 min Scan# 1102

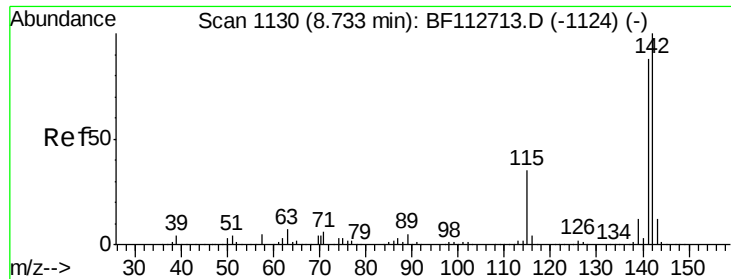
Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Tgt Ion:	107	Resp:	538661
Ion Ratio	Lower	Upper	
107	100		
144	26.0	20.1	30.1
142	80.4	61.9	92.9





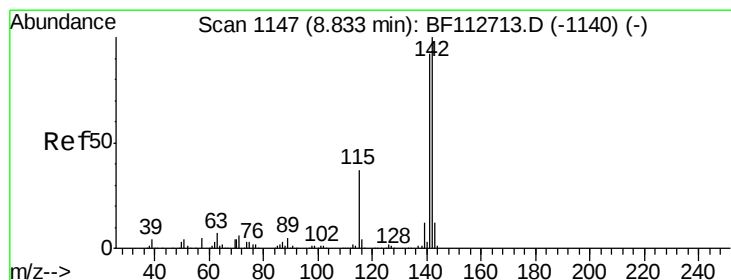
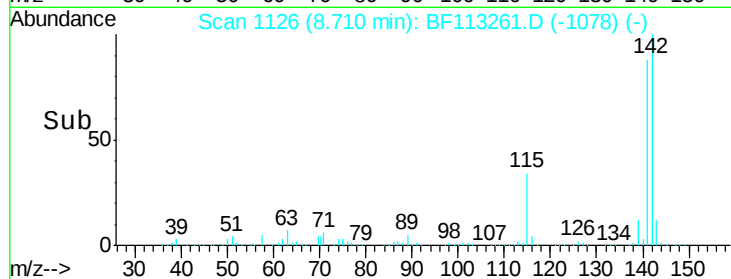
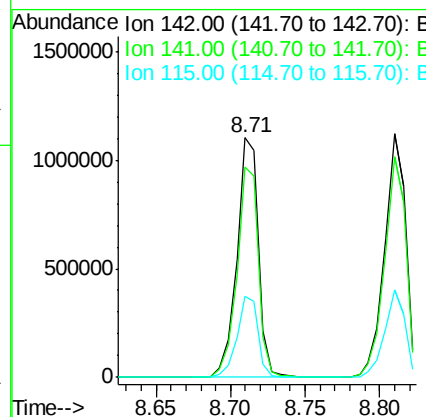
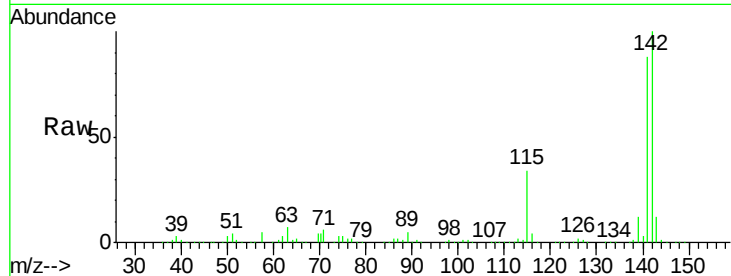
#37
2-Methylnaphthalene
Concen: 41.965 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5
115	33.9	27.8	41.6

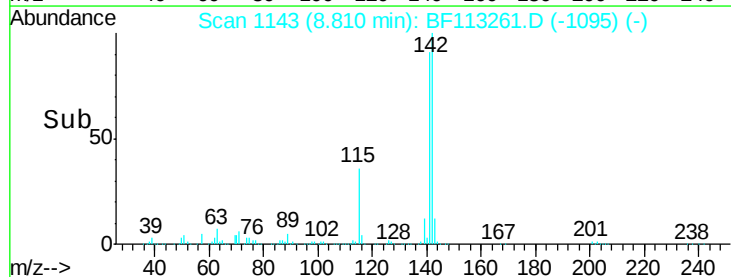
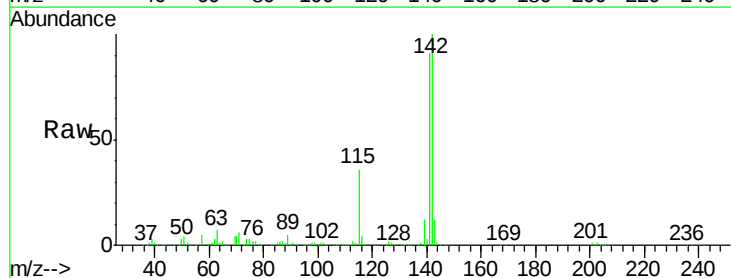
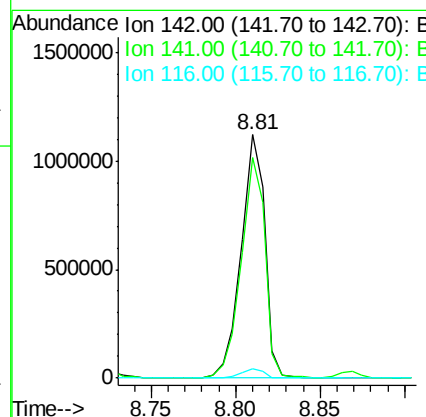
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#38
1-Methylnaphthalene
Concen: 42.230 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.7	110.5
116	3.8	3.1	4.7





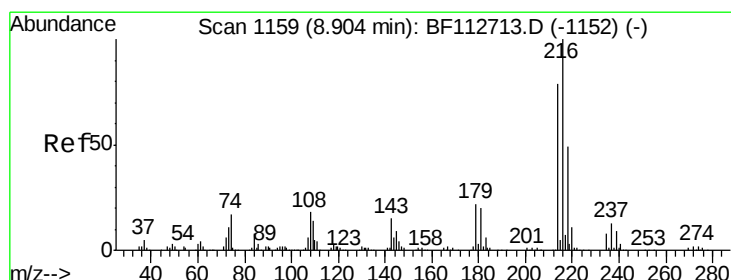
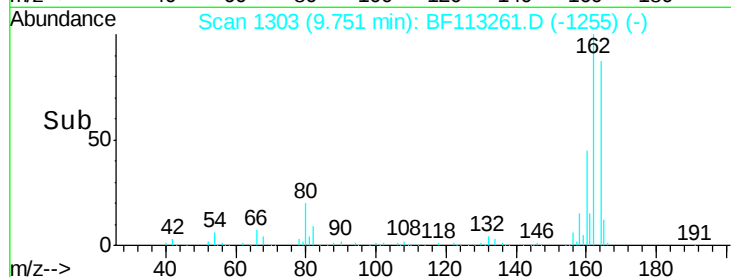
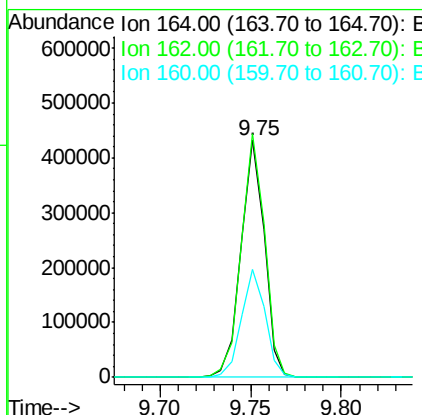
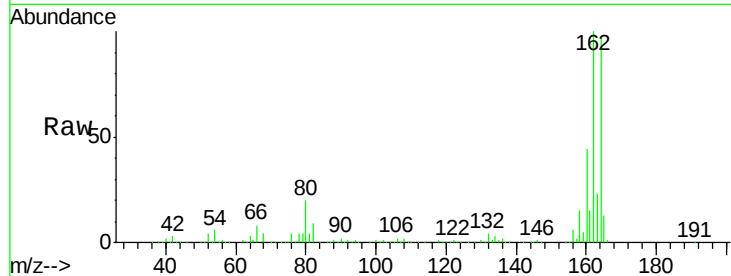
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	45.5	36.0	54.0

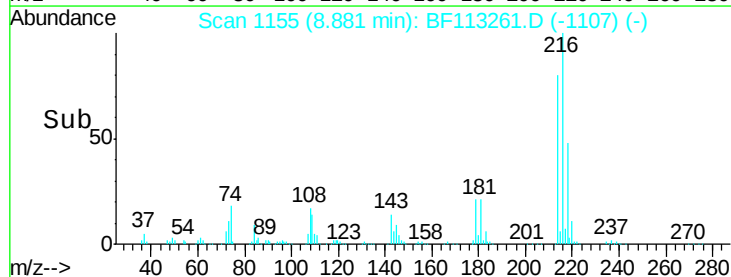
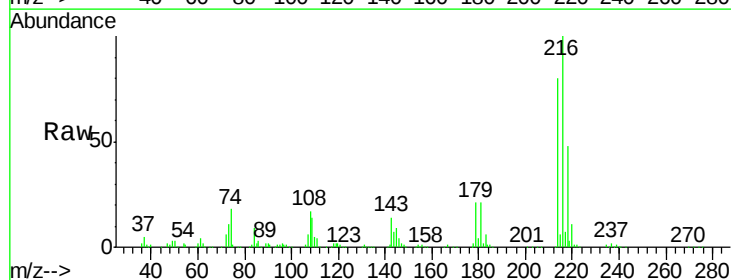
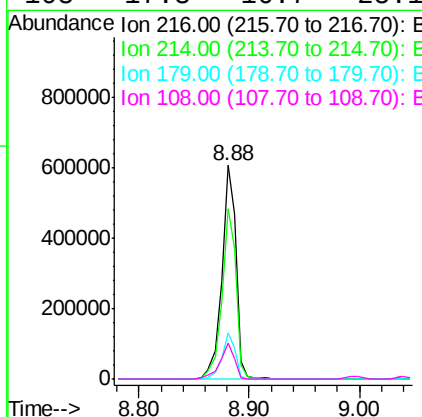
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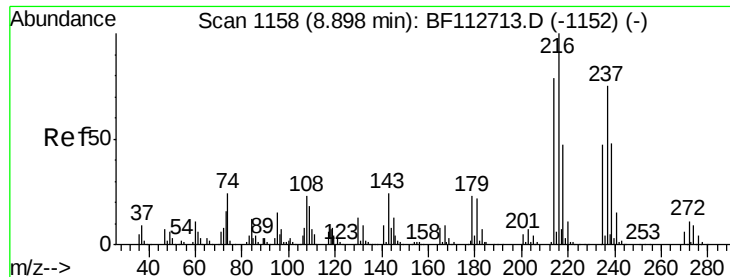
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.654 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.2	94.8
179	20.3	17.5	26.3
108	17.3	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 38.792 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

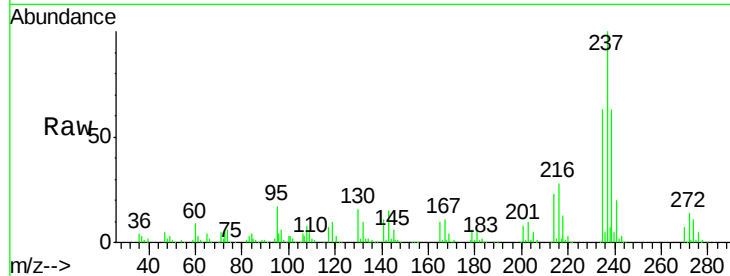
ClientSampleId :

SSTDCCC040

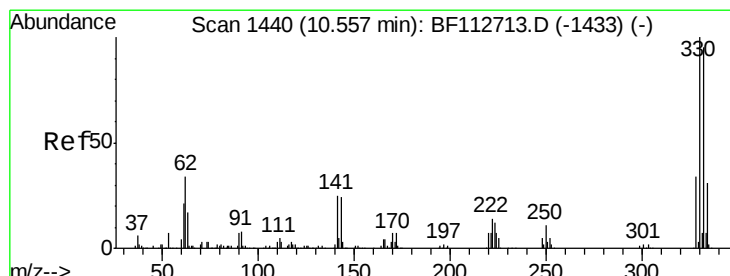
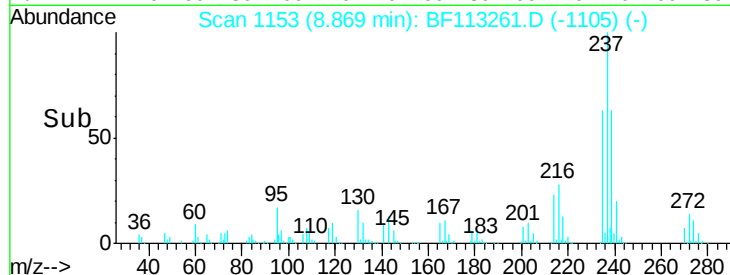
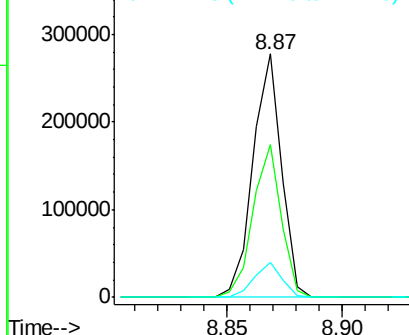
Tot Ion:	237	Resp:	240656
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.2	82.2
272	14.2	0.0	34.0

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



#42

2,4,6-Tribromophenol

Concen: 98.604 ng

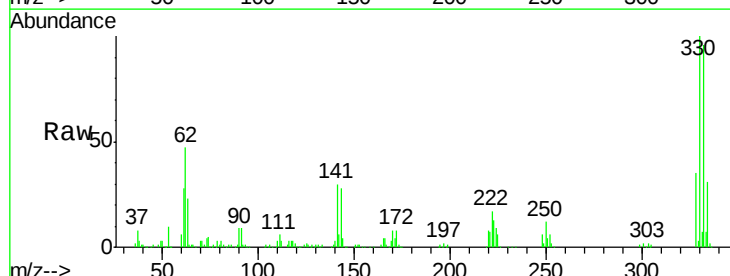
RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

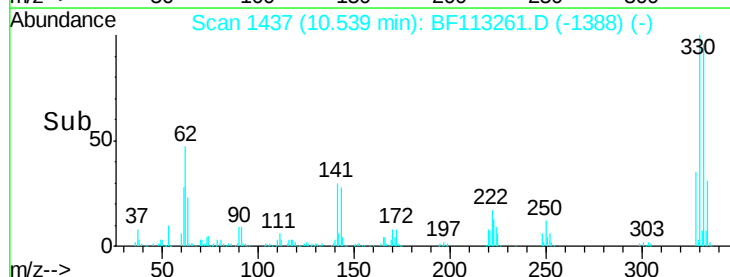
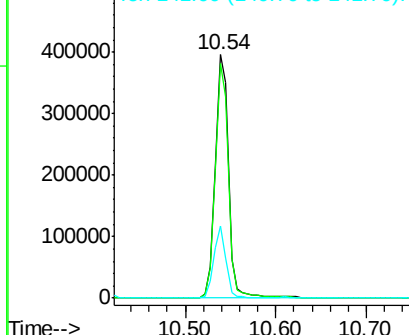
Lab File: BF113261.D

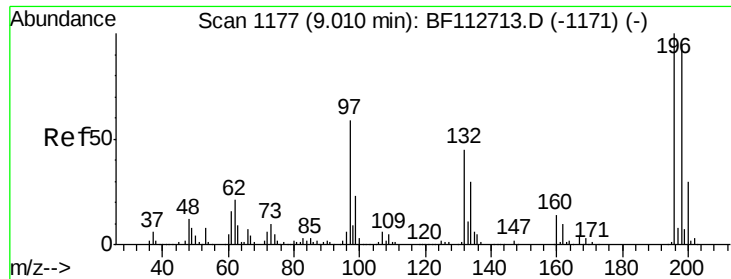
Acq: 24 Mar 2019 11:11

Tgt Ion:	330	Resp:	406683
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.2	114.4
141	27.4	27.0	40.6



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





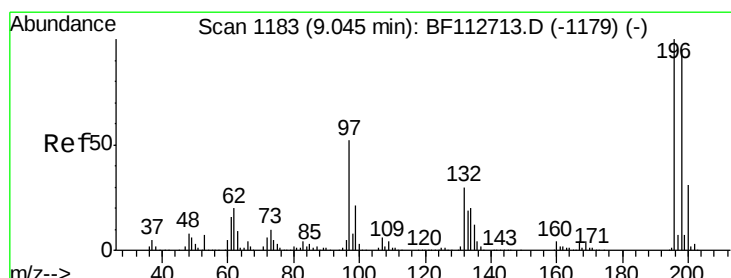
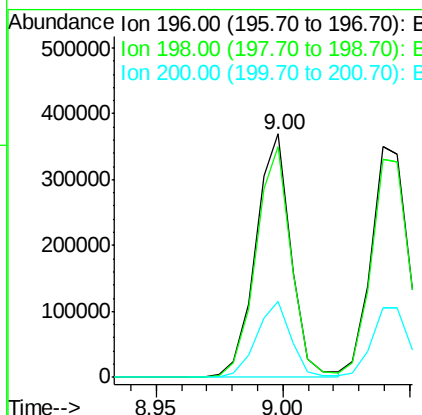
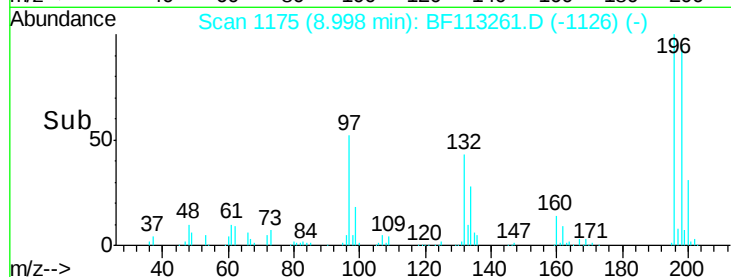
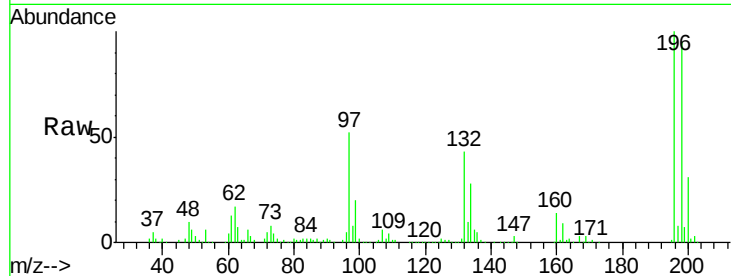
#43
 2,4,6-Trichlorophenol
 Concen: 45.992 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	358600
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.8	113.8
200	31.0	24.3	36.5

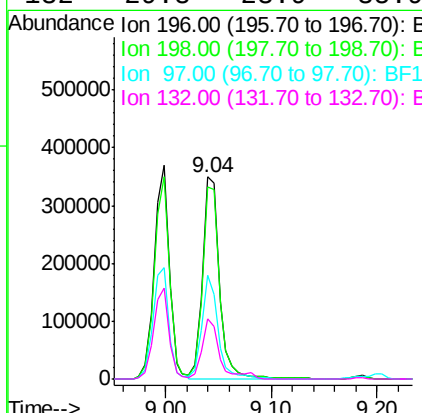
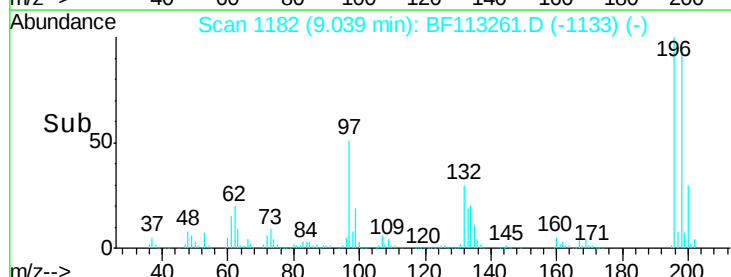
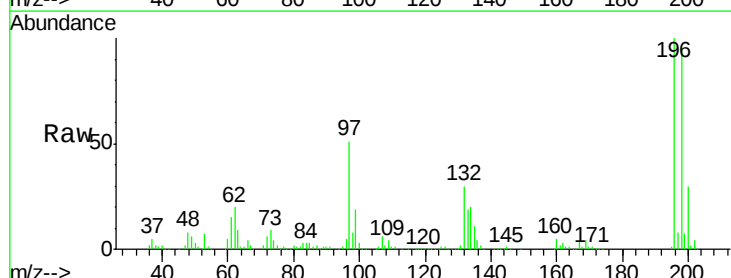
Manual Integrations
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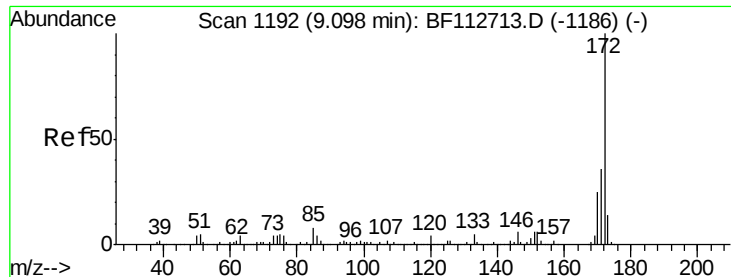
Sohil
 3/26/2019 6:34:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.703 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Tgt Ion:	196	Resp:	385164
Ion Ratio	Lower	Upper	
196	100		
198	94.8	76.2	114.2
97	51.2	41.5	62.3
132	29.8	23.9	35.9





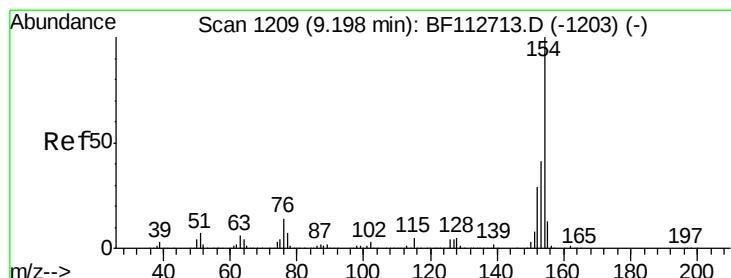
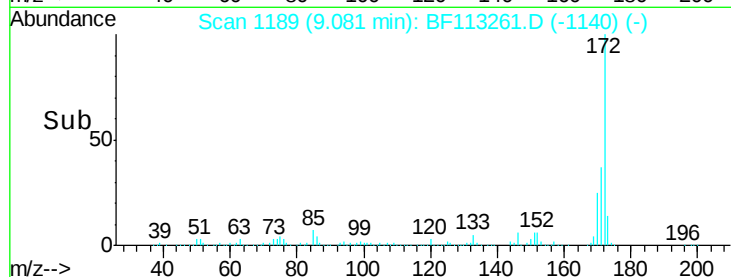
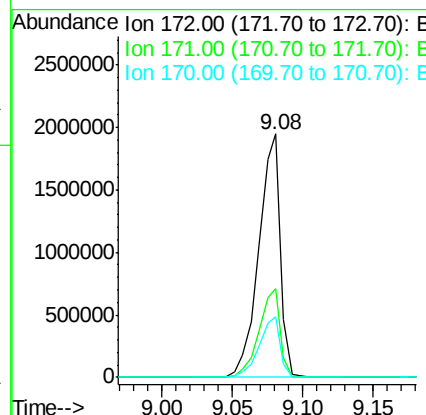
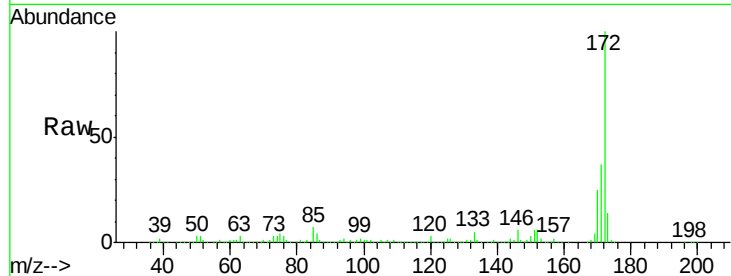
#45
2-Fluorobiphenyl
Concen: 91.015 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.9	20.0	30.0

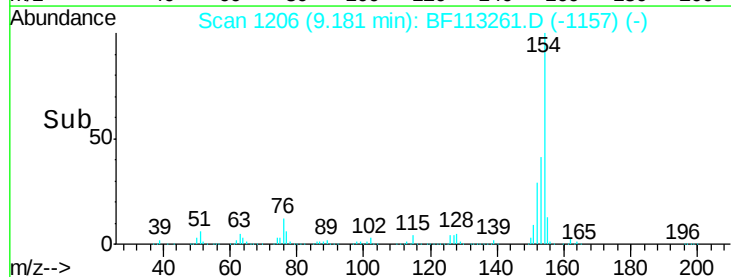
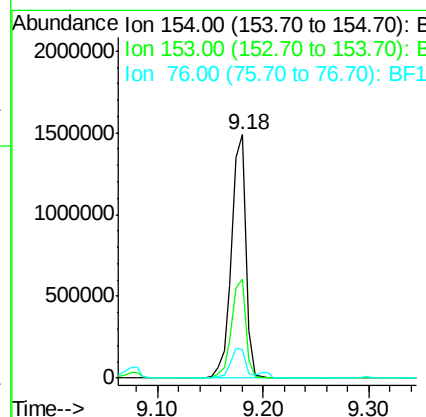
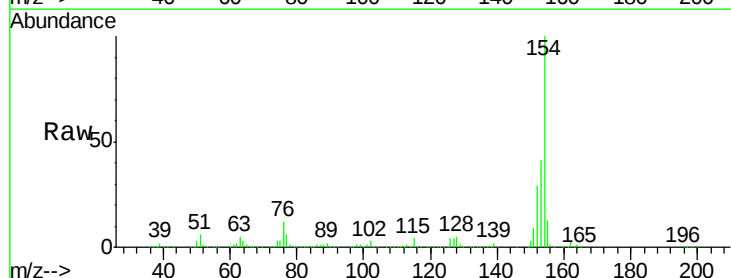
Manual Integrations
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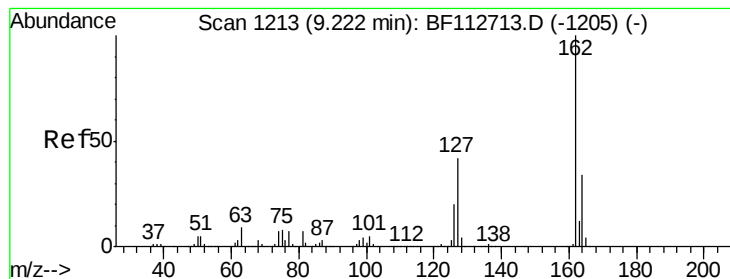
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#46
1,1'-Biphenyl
Concen: 44.361 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	11.7	0.0	33.8





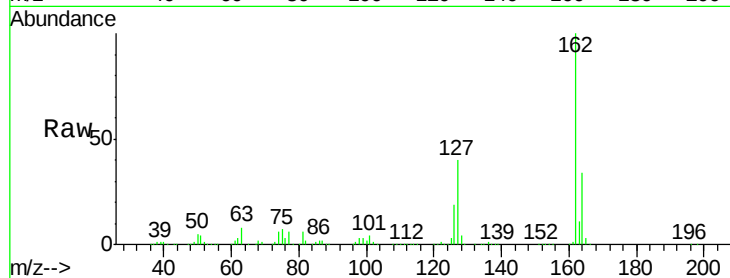
#47
 2-Chloronaphthalene
 Concen: 43.608 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

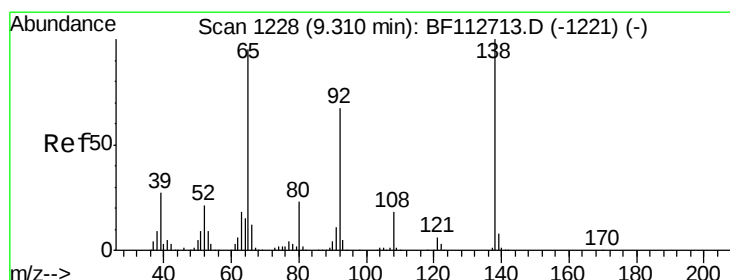
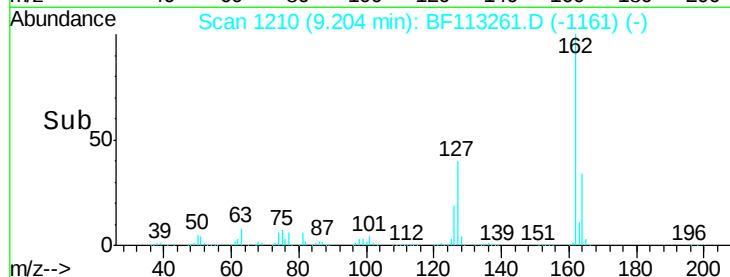
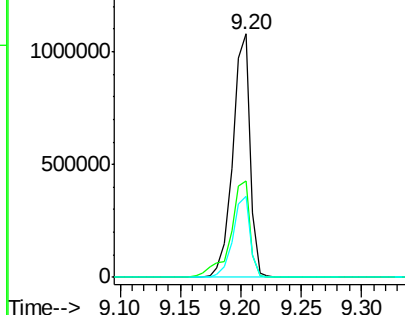
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.4	50.2
164	33.6	26.9	40.3

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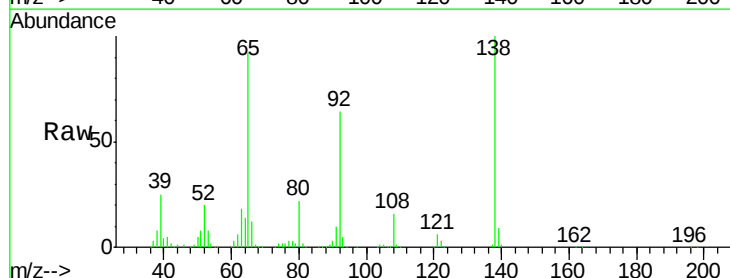


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

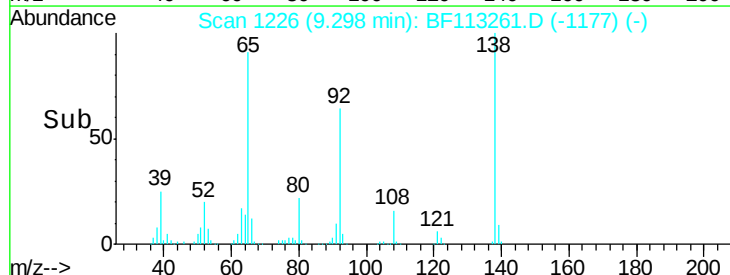
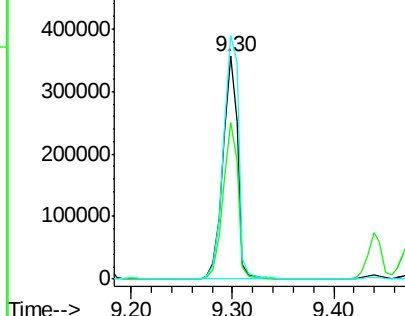


#48
 2-Nitroaniline
 Concen: 47.543 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	56.4	84.6
138	109.3	84.6	126.8



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





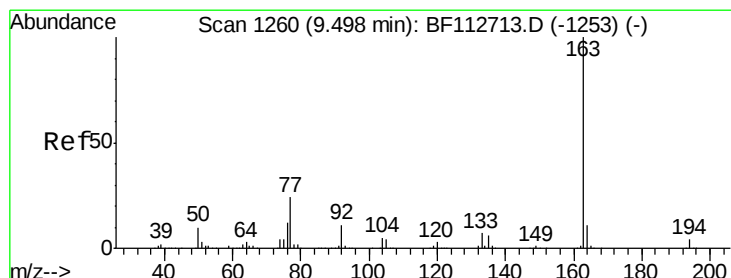
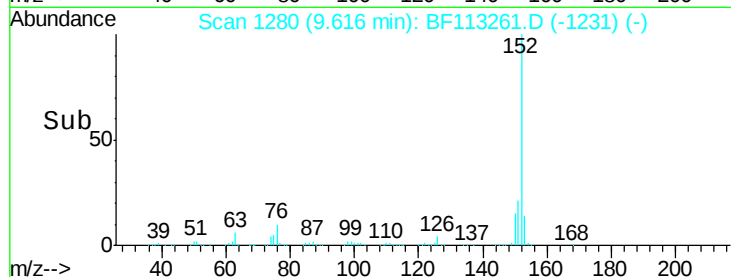
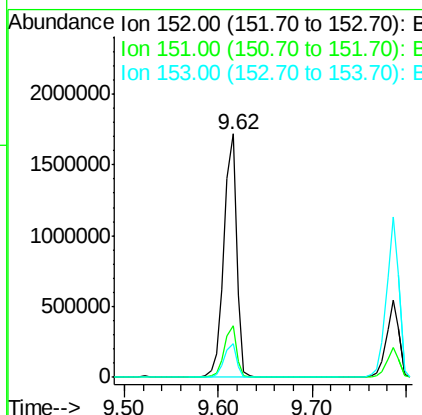
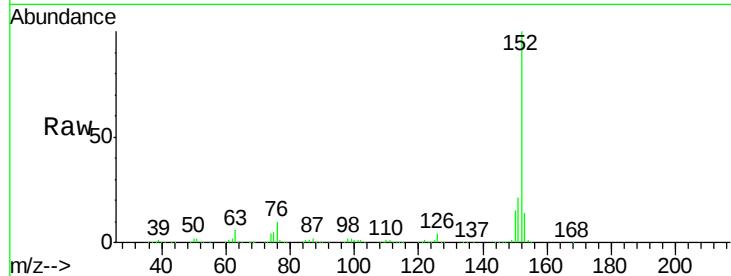
#49
Acenaphthylene
Concen: 38.669 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.8	11.0	16.6

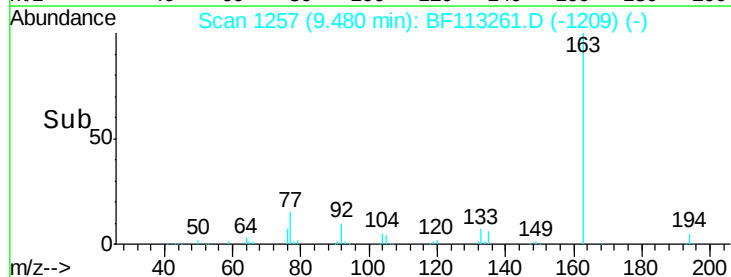
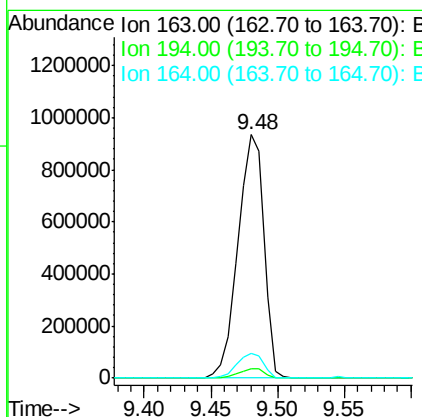
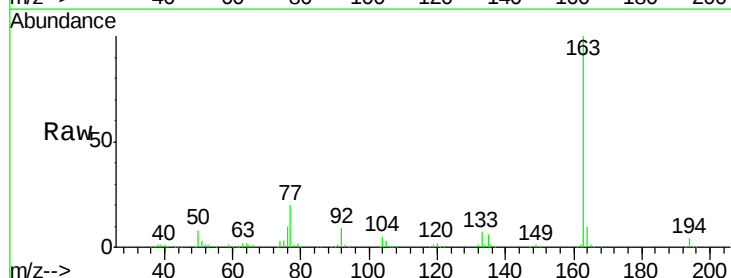
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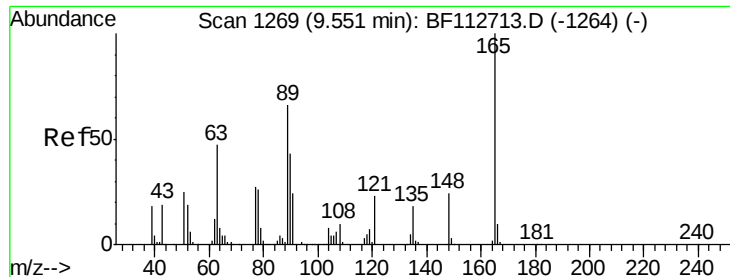
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#50
Dimethylphthalate
Concen: 43.884 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	10.3	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 45.828 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 273376
Ion Ratio Lower Upper

165 100

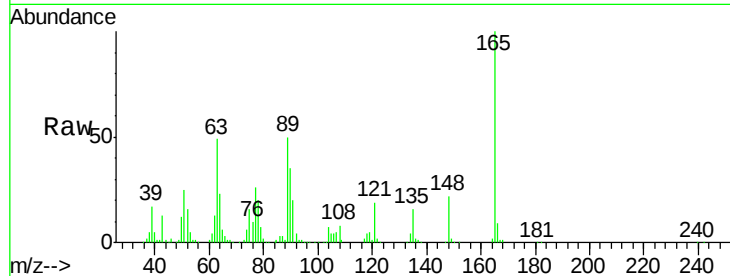
63 48.8 54.1 81.1#

89 50.2 52.8 79.2#

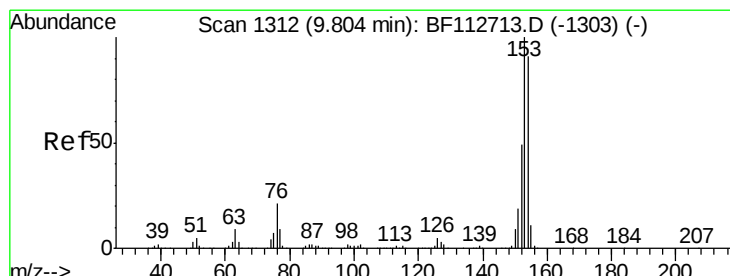
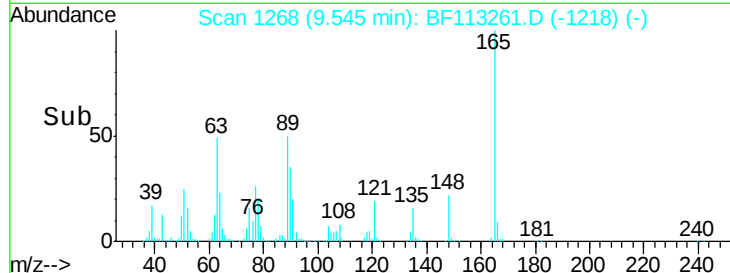
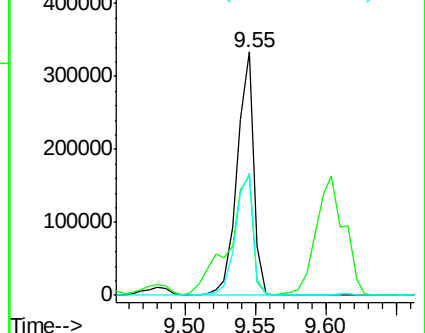
Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.851 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF113261.D

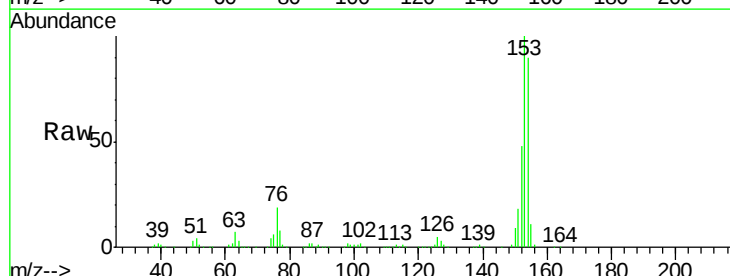
Acq: 24 Mar 2019 11:11

Tgt Ion:154 Resp: 929784
Ion Ratio Lower Upper

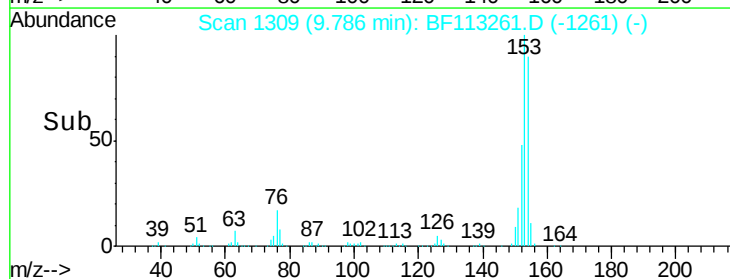
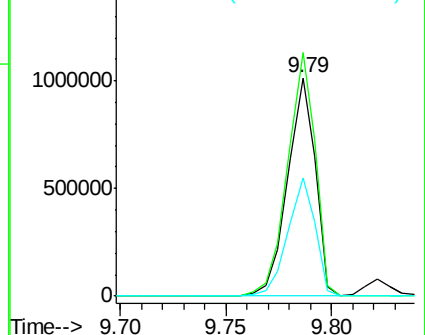
154 100

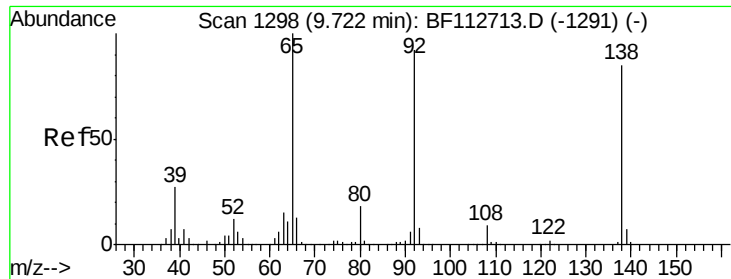
153 111.6 87.8 131.8

152 54.0 43.0 64.6



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





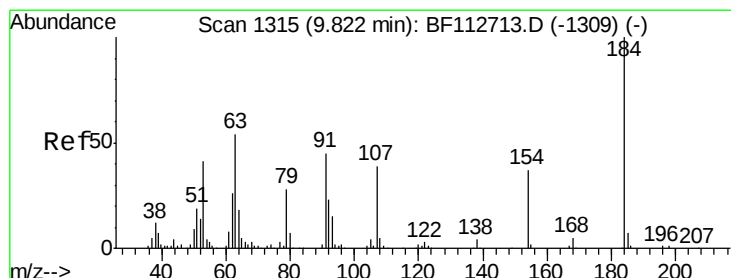
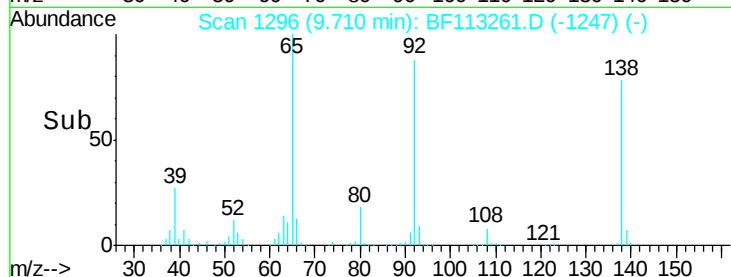
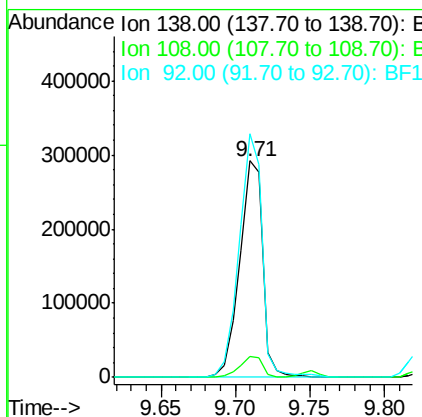
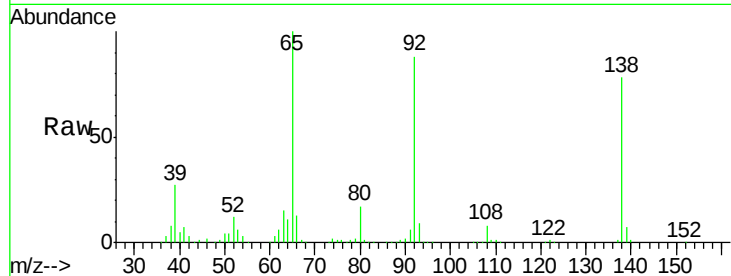
#53
3-Nitroaniline
Concen: 43.390 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.6	13.0
92	112.4	86.6	129.8

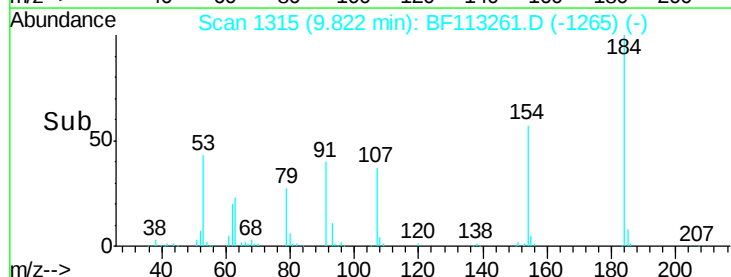
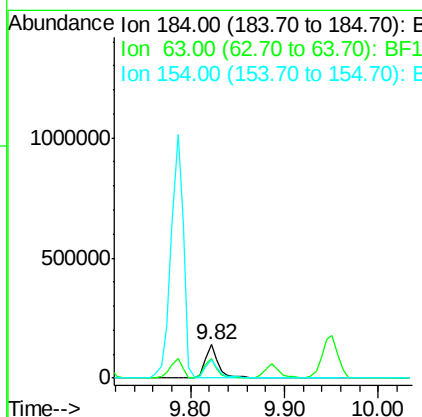
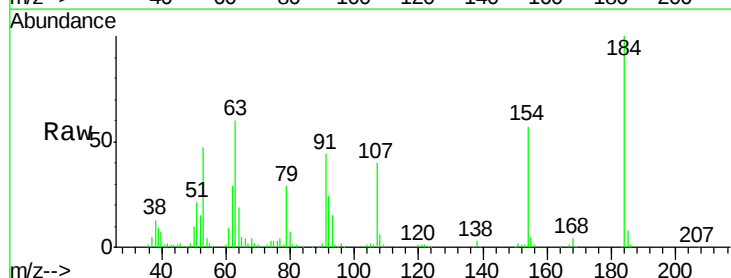
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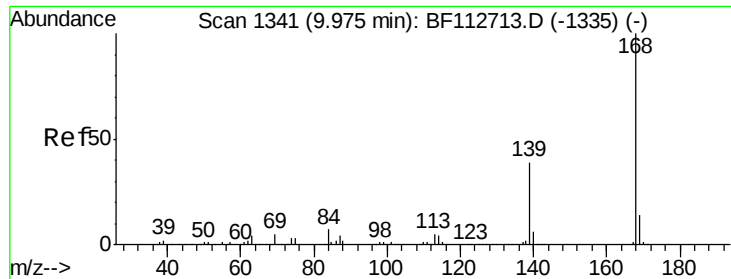
Sohil
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#54
2,4-Dinitrophenol
Concen: 58.864 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.0	45.3	67.9
154	56.7	46.0	69.0





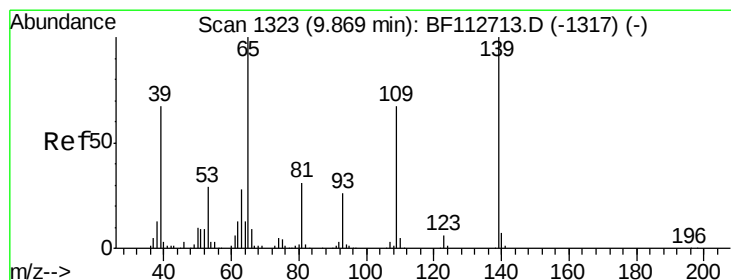
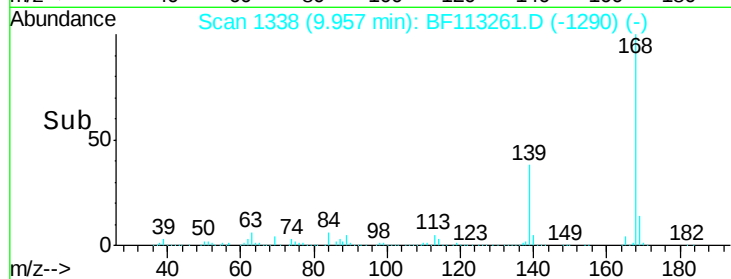
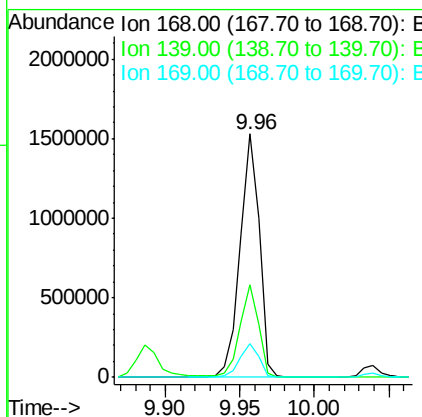
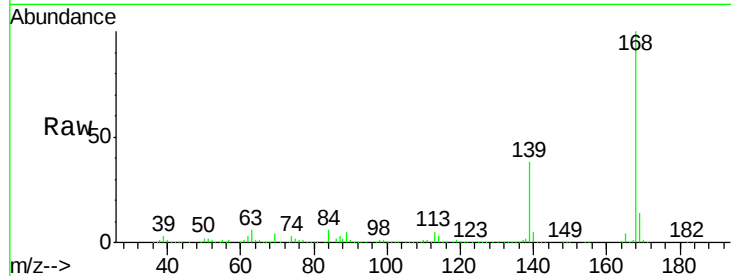
#55
Dibenzofuran
Concen: 38.684 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.3	46.9
169	14.1	11.3	16.9

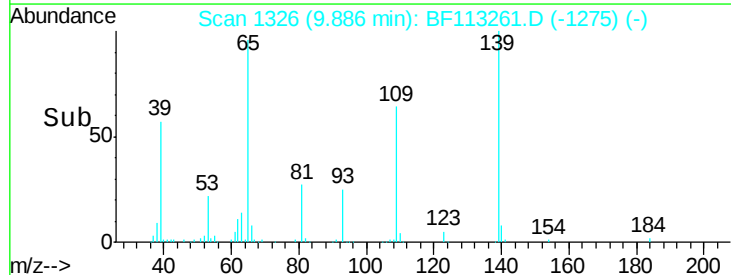
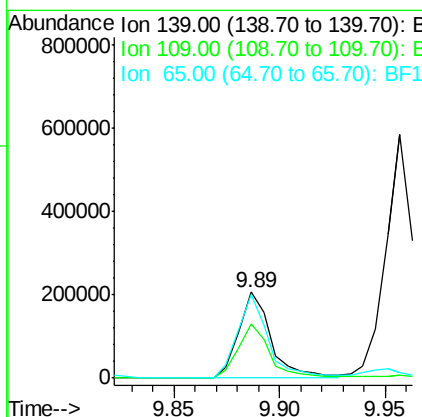
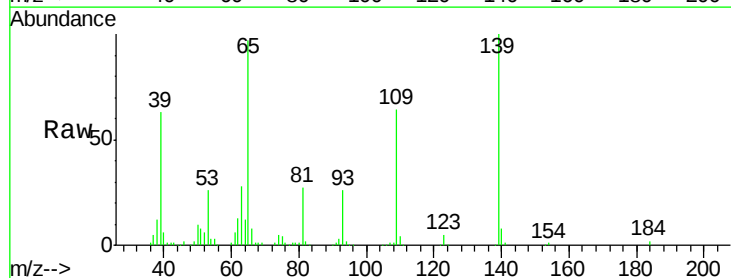
Manual Integrations
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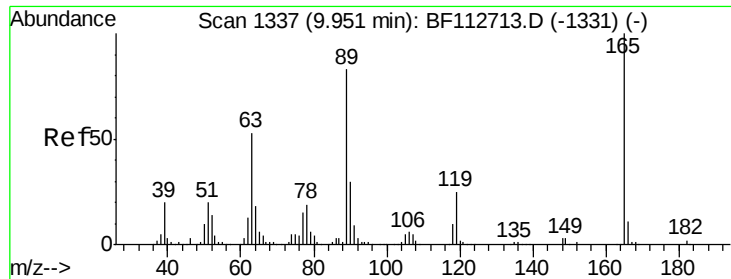
Sohil
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#56
4-Nitrophenol
Concen: 37.276 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.8	46.8	86.8
65	97.1	80.7	120.7





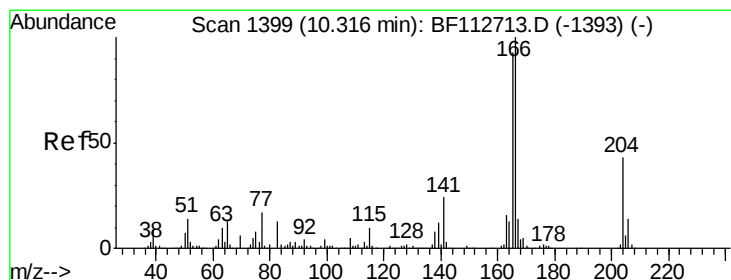
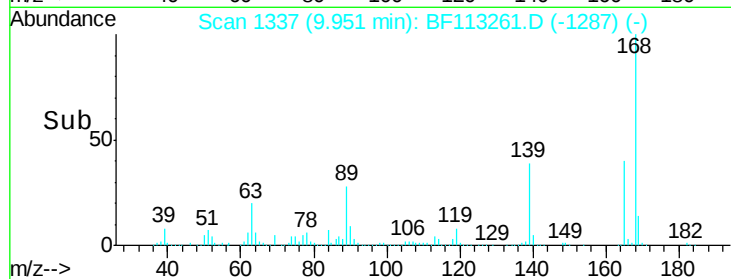
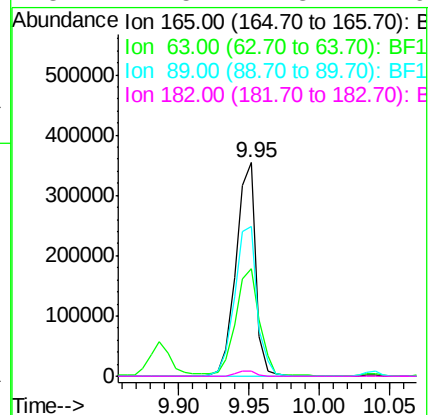
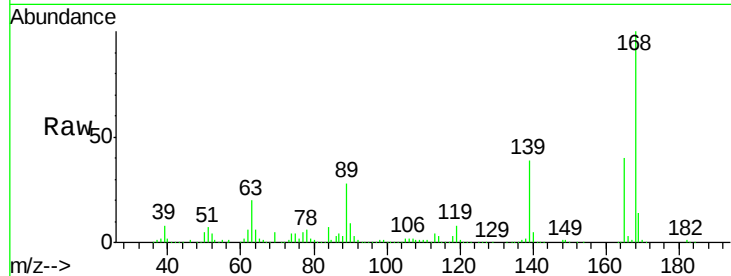
#57
 2,4-Dinitrotoluene
 Concen: 46.309 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		343381		
63	50.5	42.2	63.2		
89	70.1	66.2	99.4		
182	2.5	1.8	2.6		

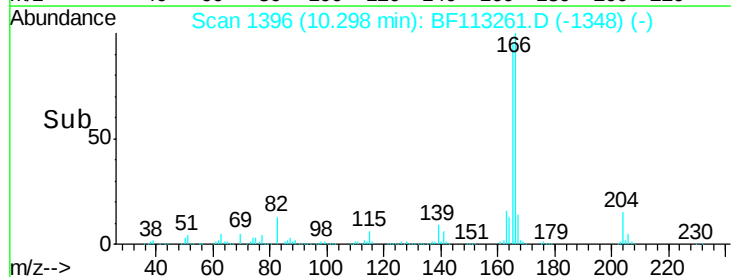
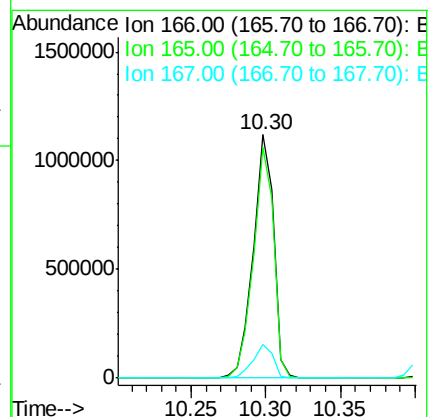
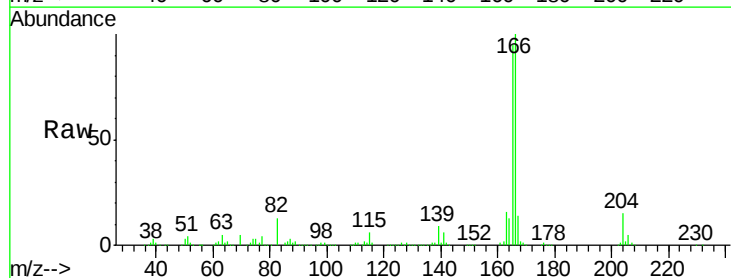
Manual Integrations
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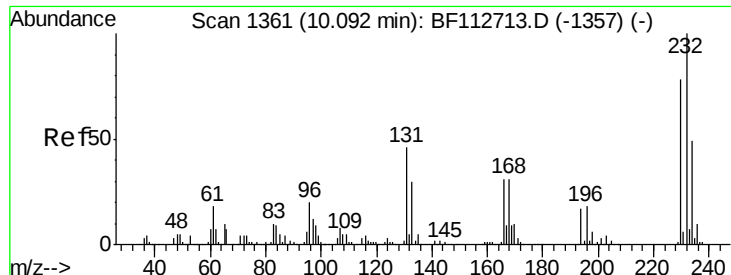
Sohil
 3/26/2019 6:34:38 PM



#58
 Fluorene
 Concen: 41.666 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1055808		
165	94.6	74.7	112.1		
167	14.0	11.0	16.6		





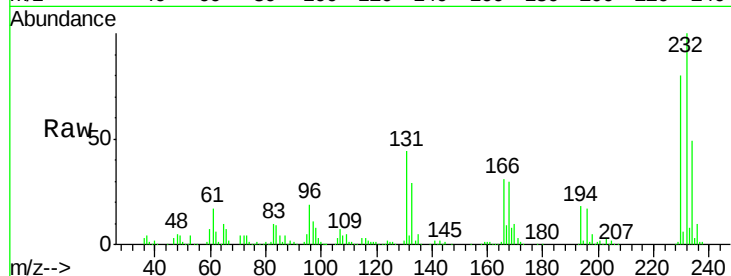
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.624 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

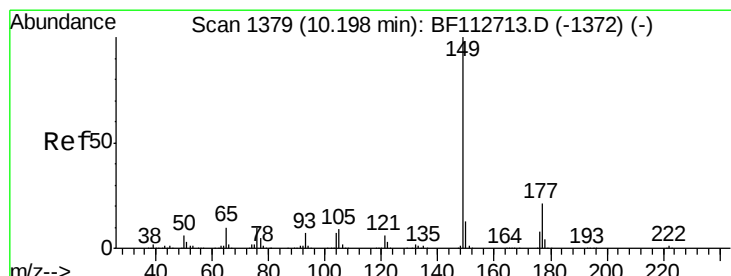
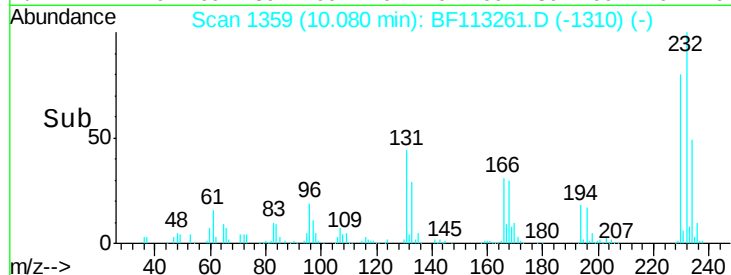
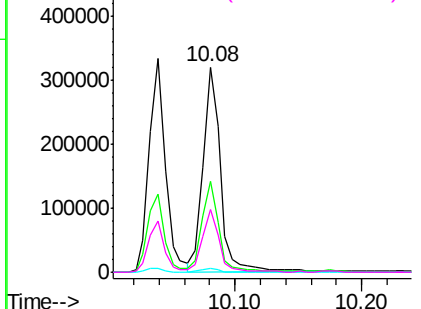
Tot Ion:	232	Resp:	306305
Ion Ratio	Lower	Upper	
232	100		
131	41.7	38.7	58.1
130	2.0	1.9	2.9
166	28.9	25.2	37.8

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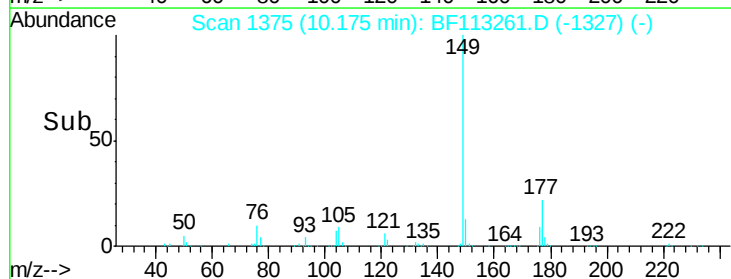
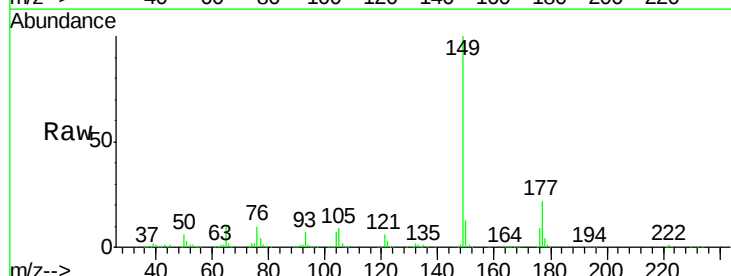
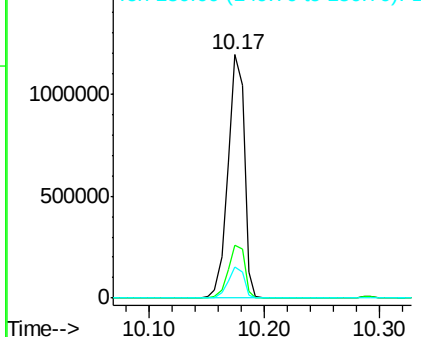
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

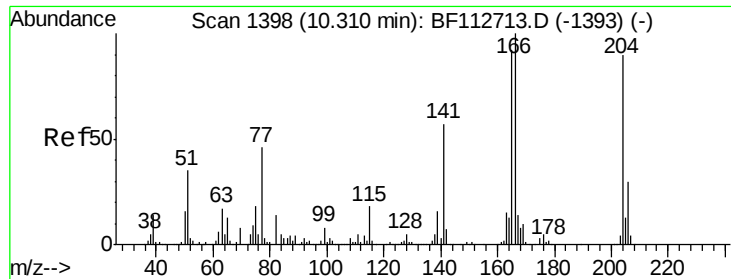


#60
 Diethylphthalate
 Concen: 38.618 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.02 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Tgt Ion:	149	Resp:	1168378
Ion Ratio	Lower	Upper	
149	100		
177	21.9	17.0	25.6
150	13.0	10.0	15.0

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





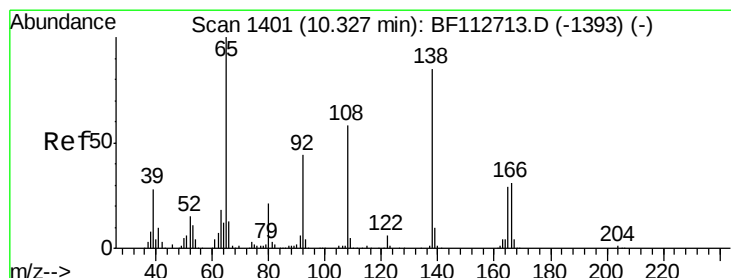
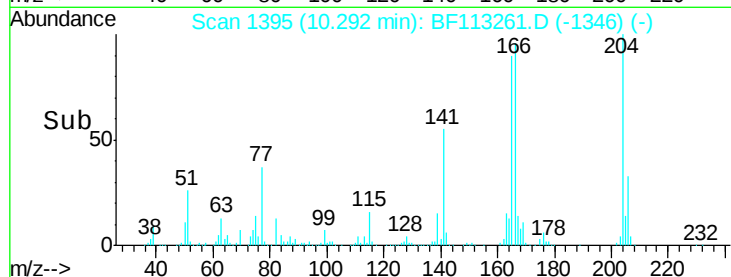
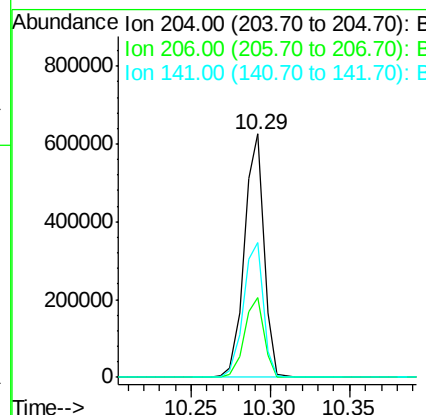
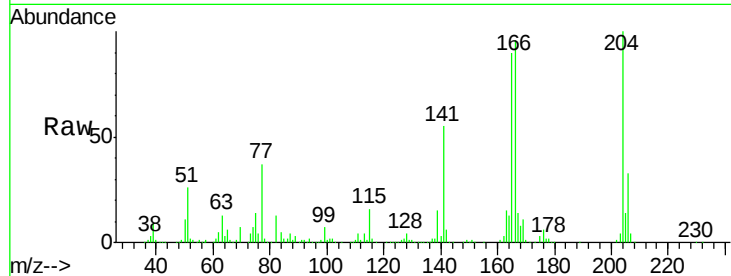
#61
4-Chlorophenyl-phenylether
Concen: 45.362 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	40.0
141	55.4	50.8	76.2

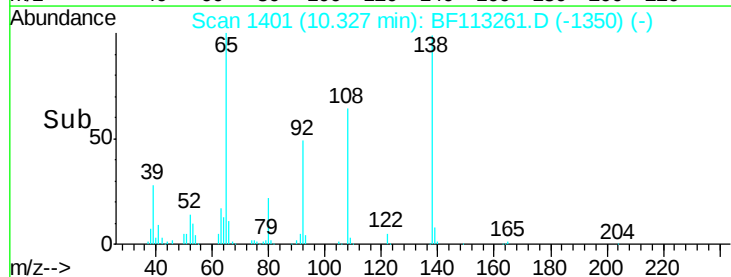
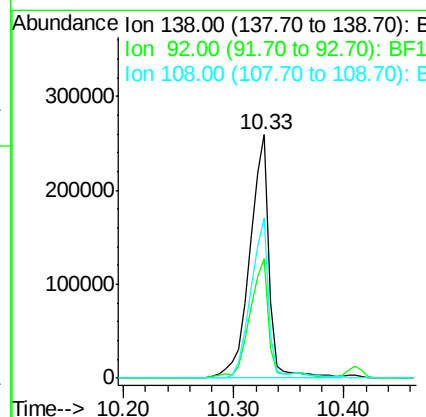
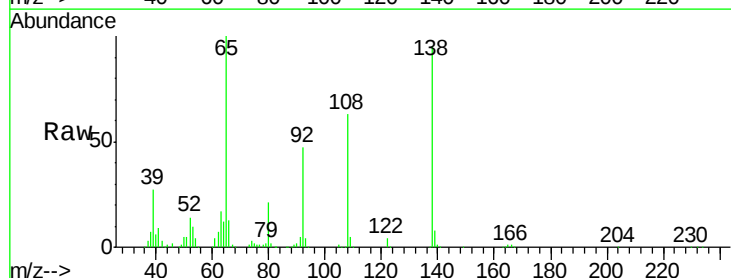
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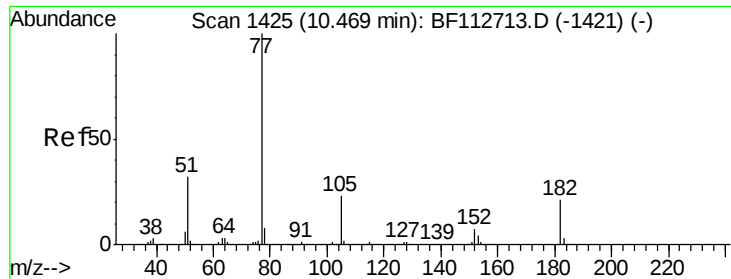
Sohil
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#62
4-Nitroaniline
Concen: 47.801 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	31.3	71.3
108	66.1	48.1	88.1





#63

Azobenzene

Concen: 35.790 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1109079

Ion Ratio Lower Upper

77 100

182 26.1 1.4 41.4

105 23.4 2.6 42.6

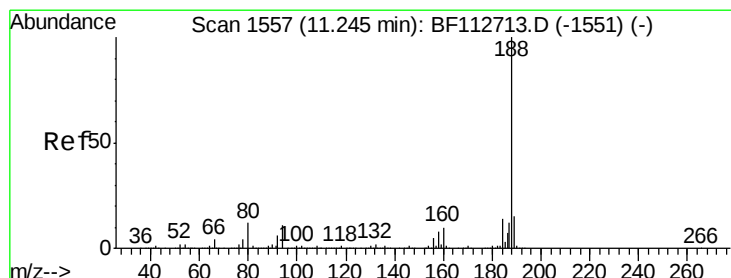
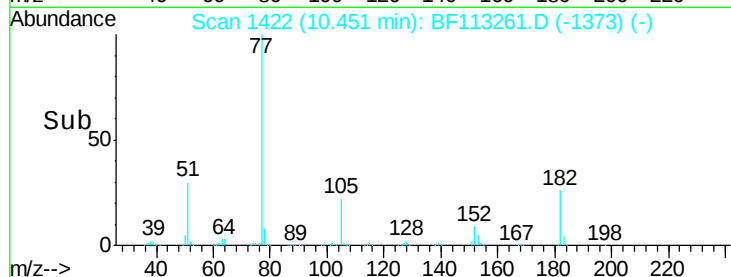
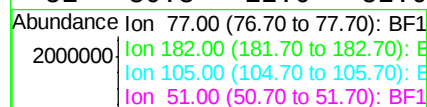
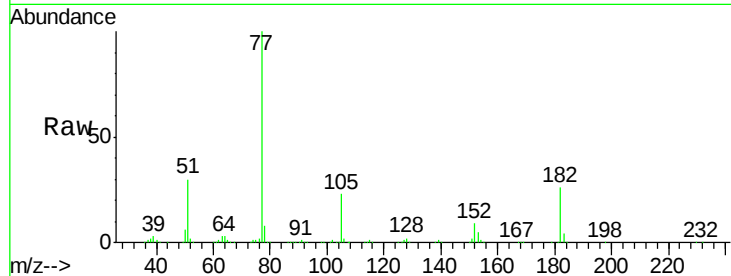
51 30.3 12.0 52.0

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

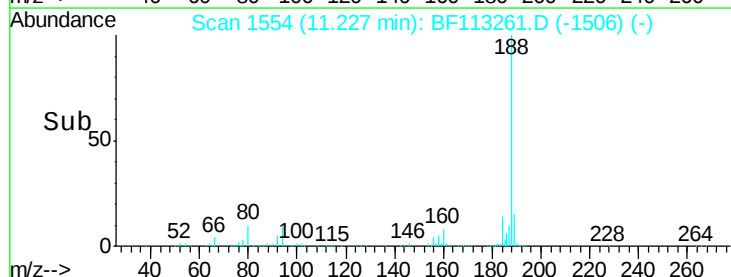
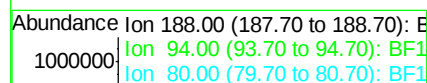
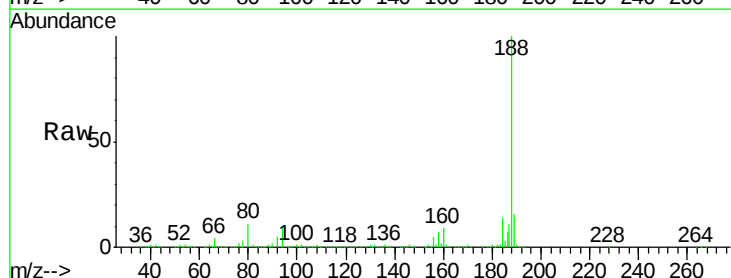
Tgt Ion: 188 Resp: 808618

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

80 10.5 9.2 13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 52.693 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:198 Resp: 176730

Ion Ratio Lower Upper

198 100

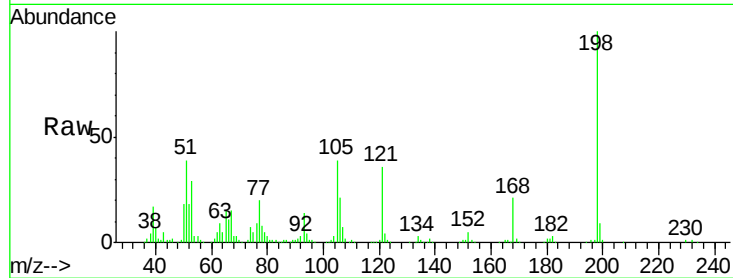
51 39.2 43.8 83.8#

105 39.4 36.5 76.5

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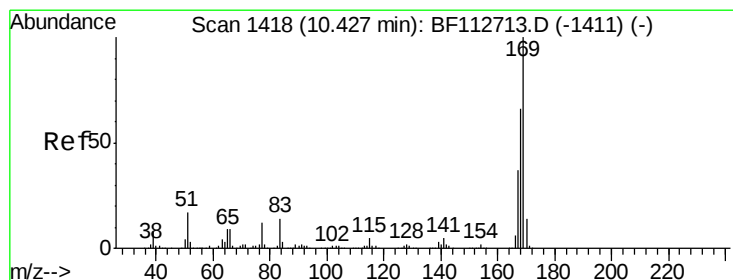
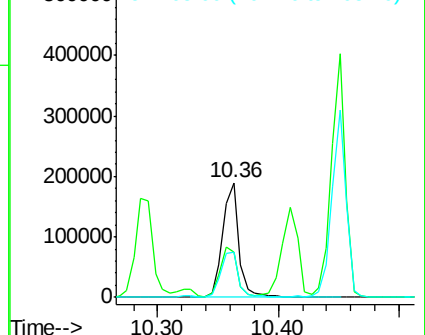
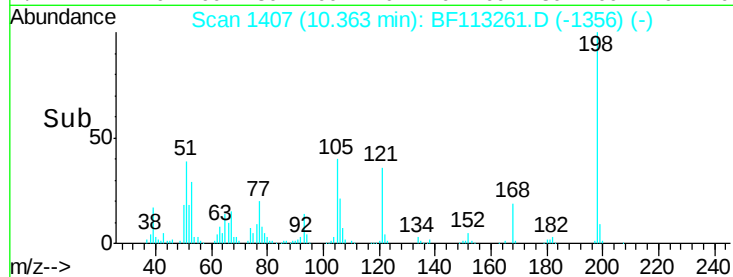
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.741 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

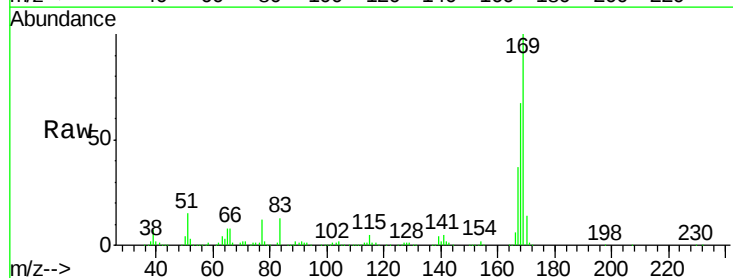
Tgt Ion:169 Resp: 978750

Ion Ratio Lower Upper

169 100

168 67.1 53.0 79.6

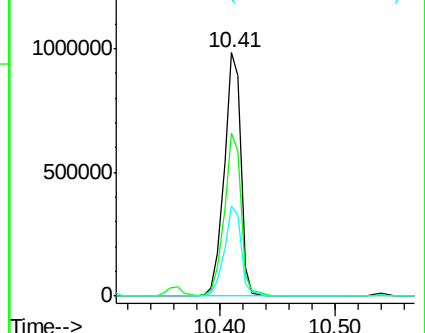
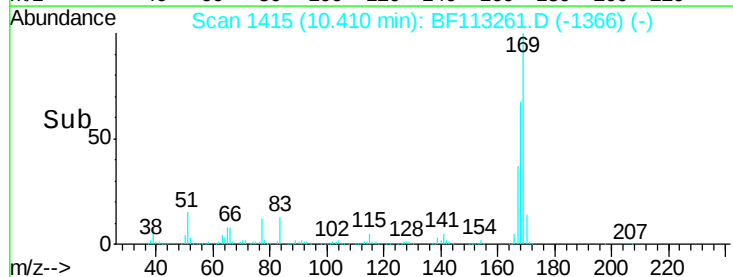
167 37.2 29.3 43.9

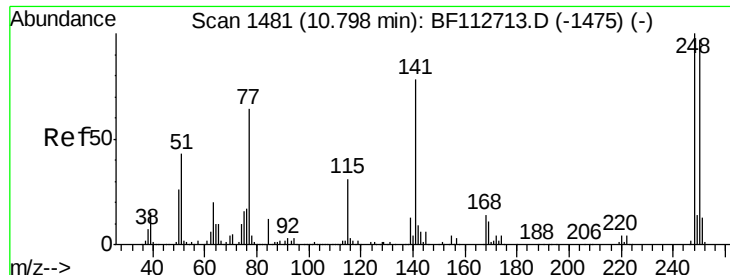


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 44.492 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

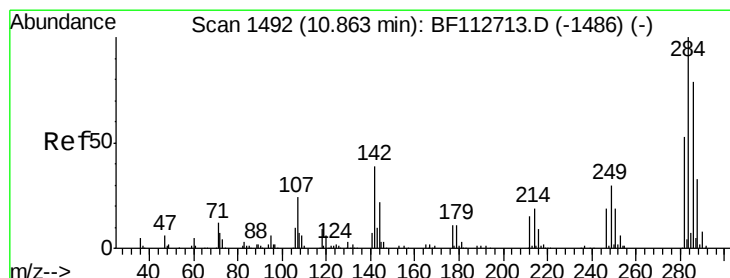
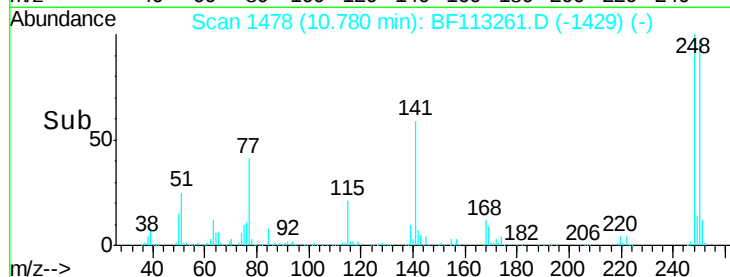
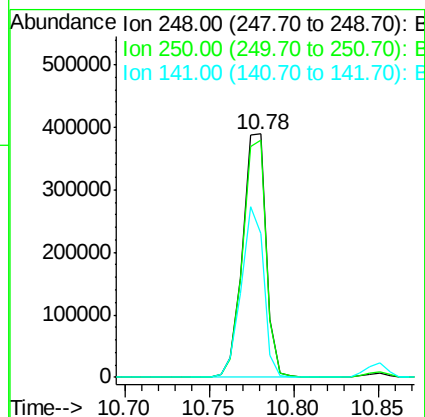
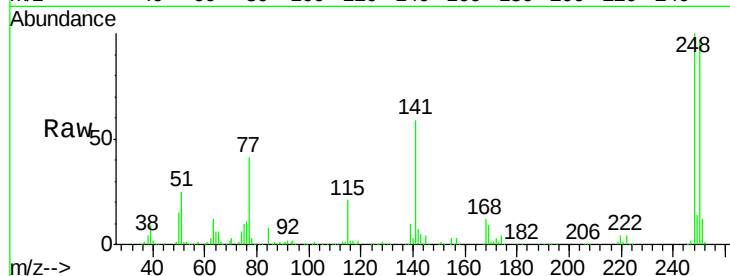
ClientSampled :

SSTDCCC040

Tot Ion:	248	Resp:	378947
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.5	116.3
141	59.2	62.4	93.6#

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#68

Hexachlorobenzene

Concen: 45.612 ng

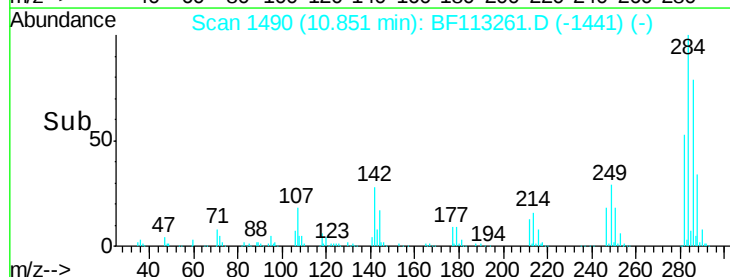
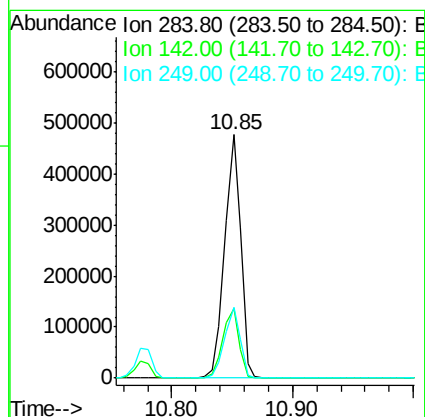
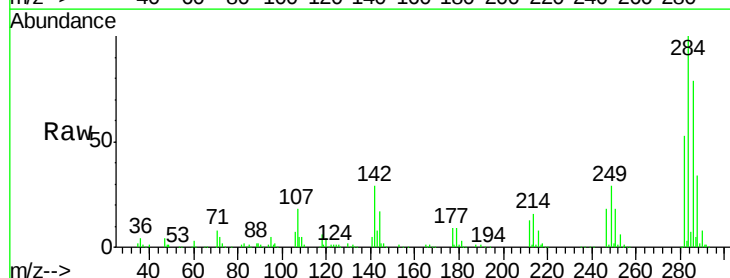
RT: 10.85 min Scan# 1490

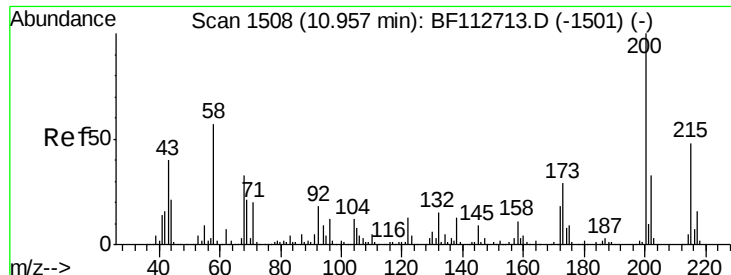
Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Tgt Ion:	284	Resp:	437921
Ion Ratio	Lower	Upper	
284	100		
142	28.6	31.0	46.6#
249	29.0	23.6	35.4





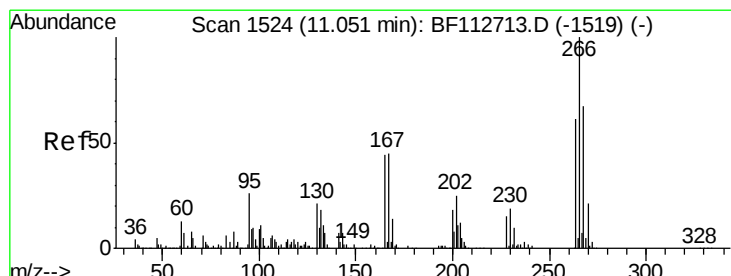
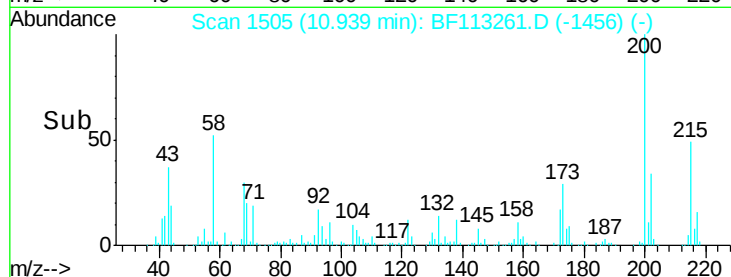
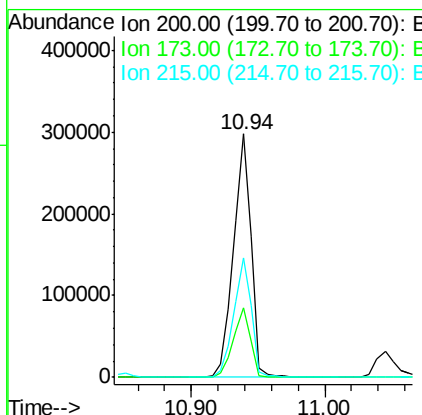
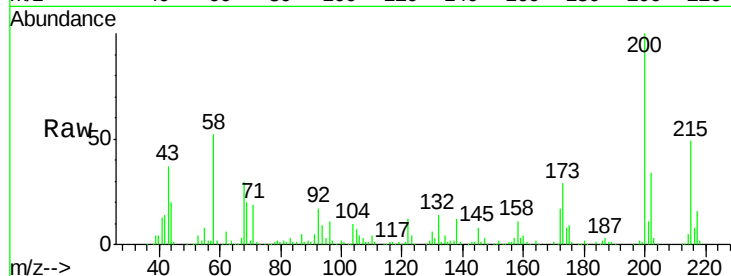
#69
 Atrazine
 Concen: 34.947 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.7	9.1	49.1
215	48.9	28.2	68.2

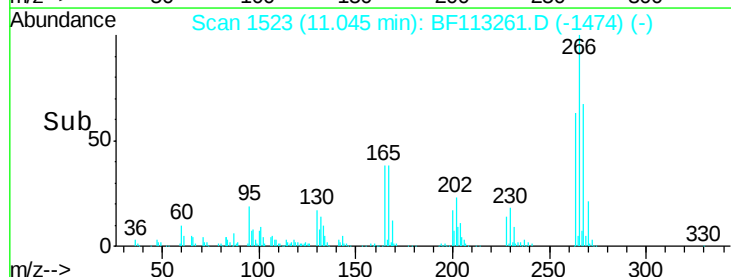
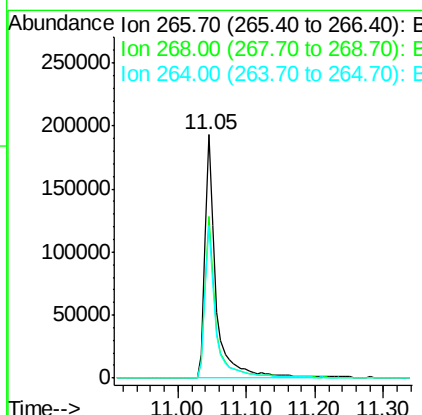
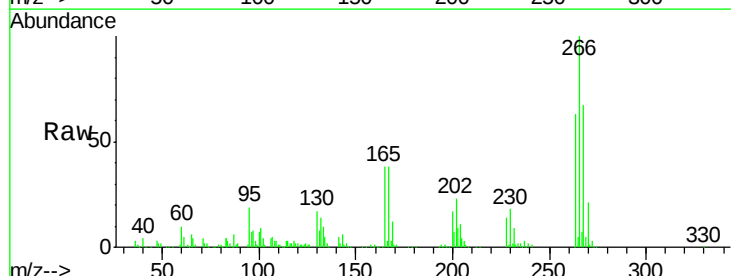
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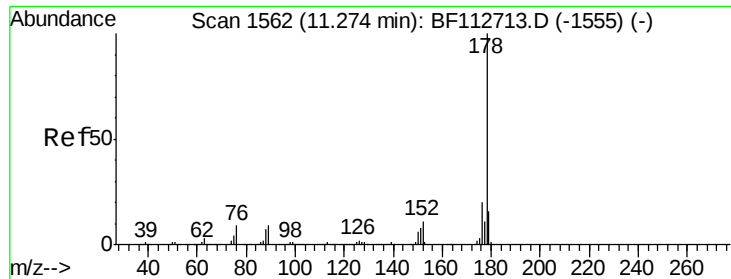
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#70
 Pentachlorophenol
 Concen: 40.490 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.6	53.3	79.9
264	62.5	48.9	73.3





#71

Phenanthrene

Concen: 40.495 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1629194

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

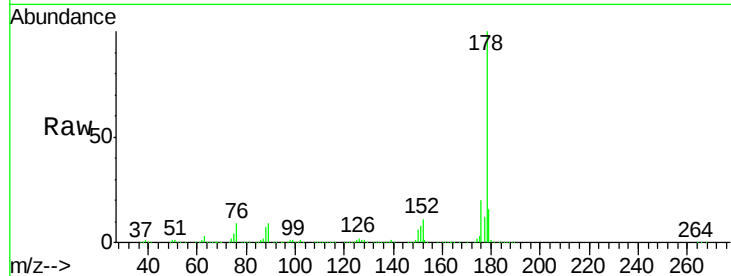
179 16.3 12.7 19.1

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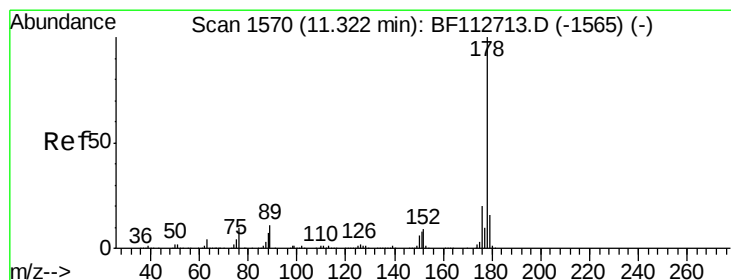
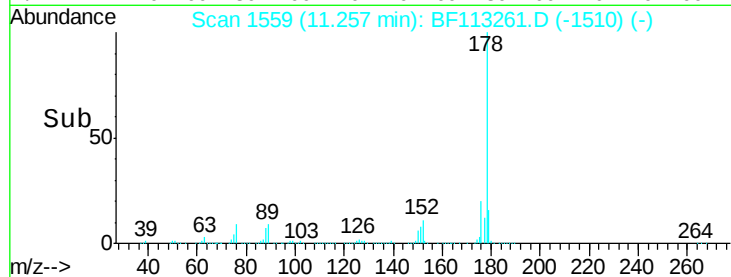
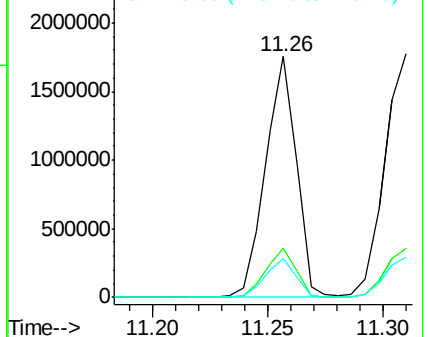
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.397 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Tgt Ion:178 Resp: 1659179

Ion Ratio Lower Upper

178 100

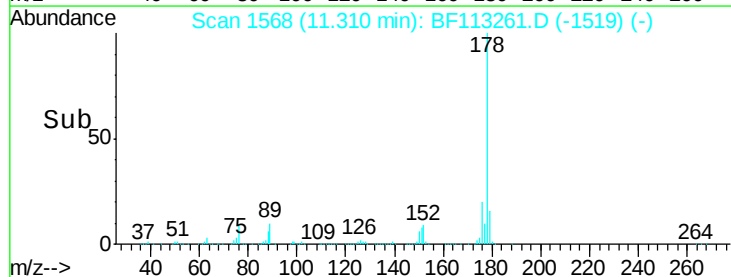
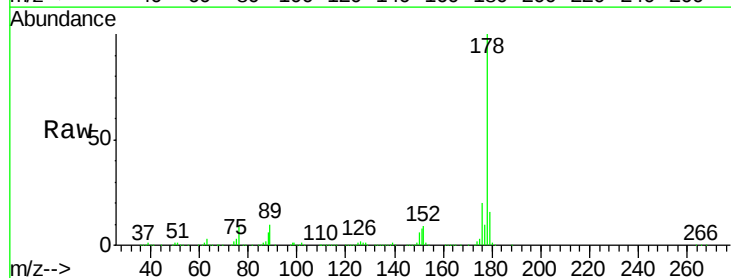
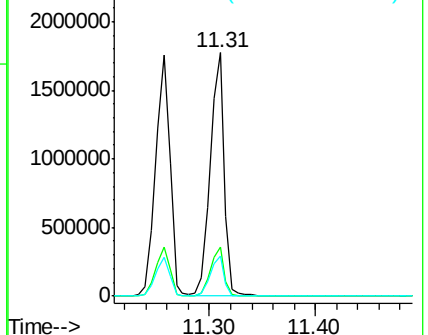
176 19.9 15.8 23.6

179 16.3 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





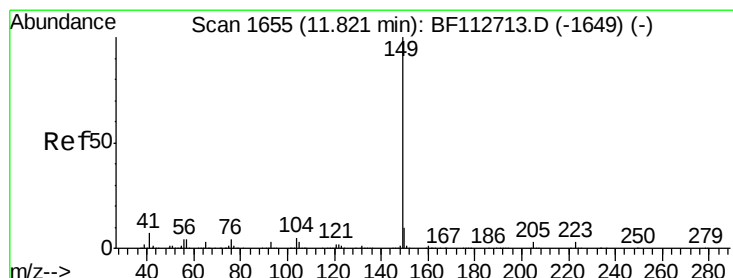
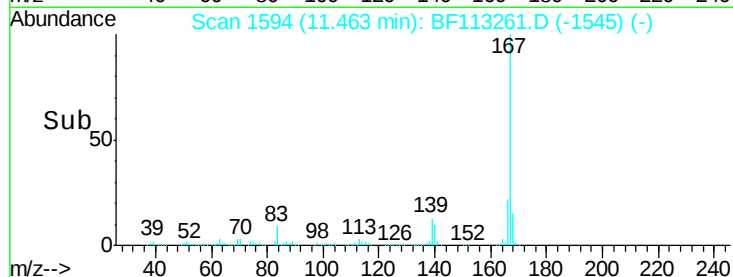
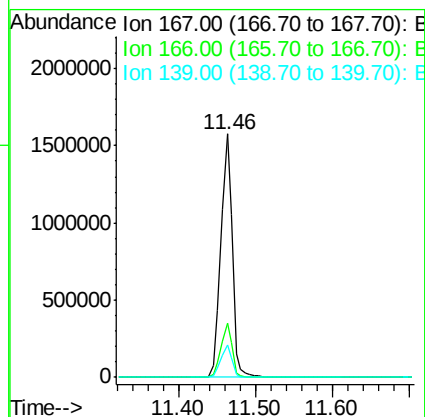
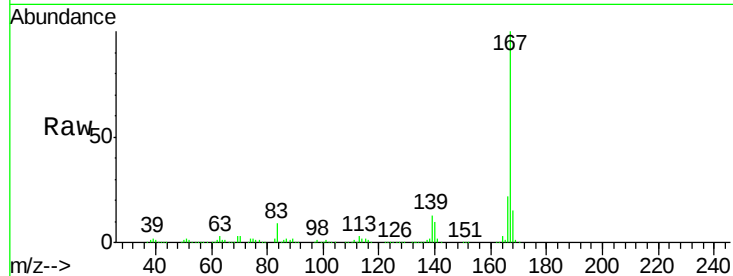
#73
 Carbazole
 Concen: 39.036 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:167 Resp: 1603704
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 13.5 10.8 16.2

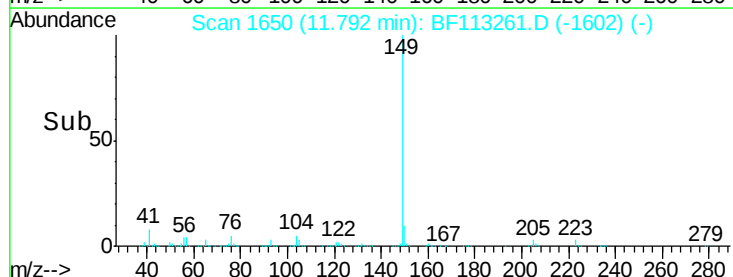
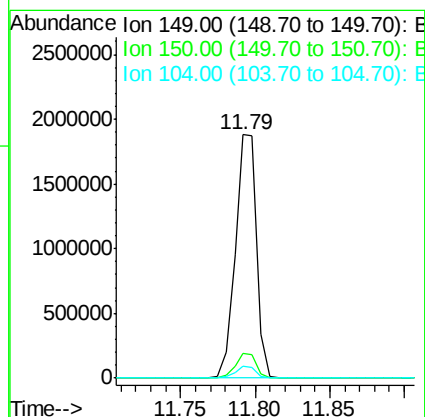
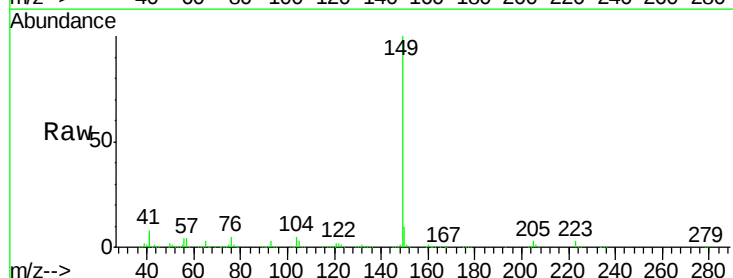
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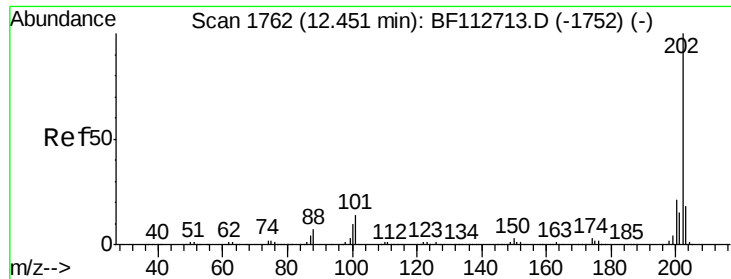
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#74
 Di-n-butylphthalate
 Concen: 37.980 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. -0.02 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Tgt Ion:149 Resp: 1870903
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 39.323 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

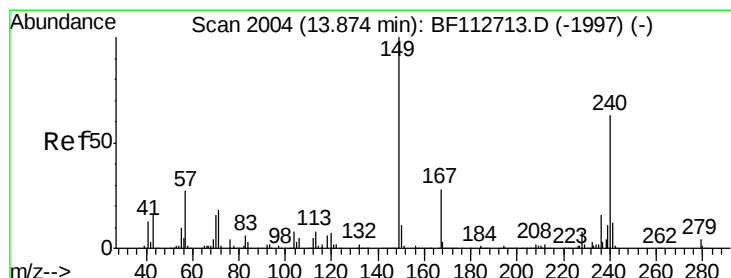
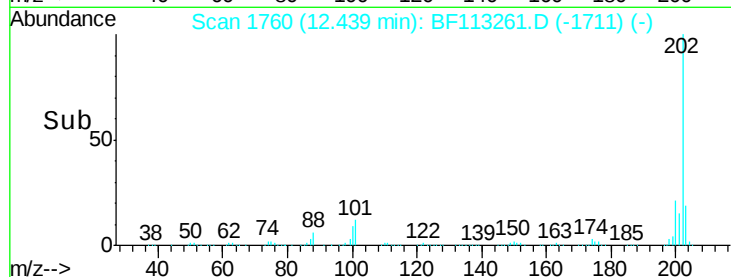
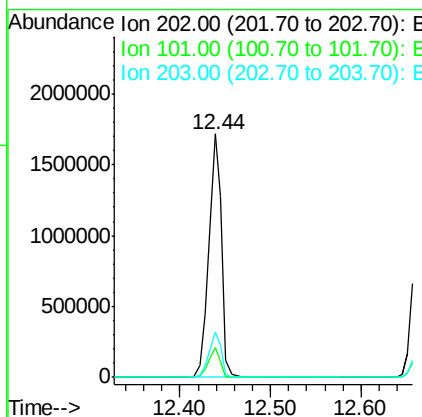
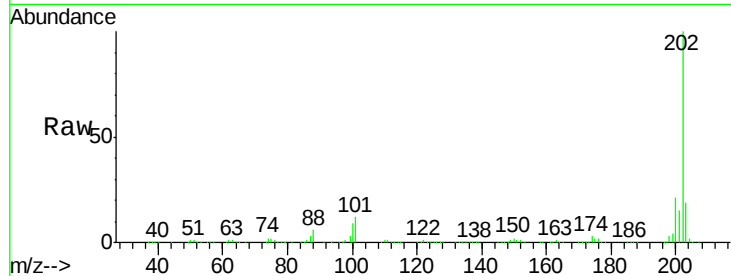
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1694955
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	33.8
203	18.5	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

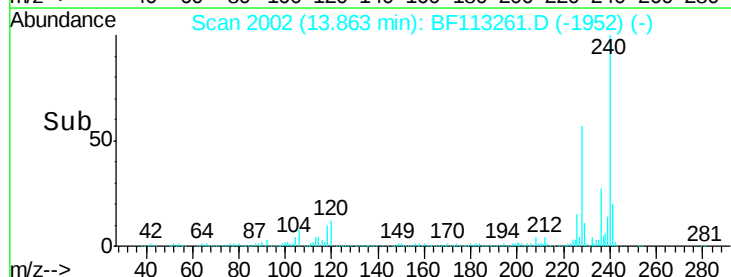
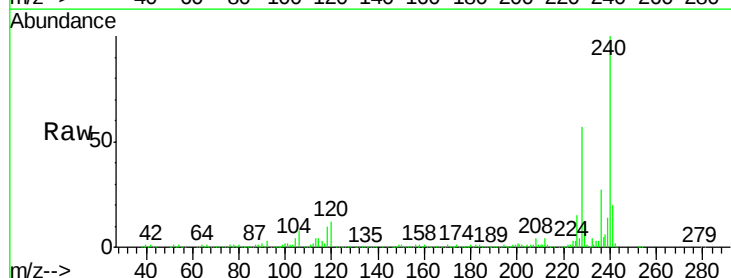
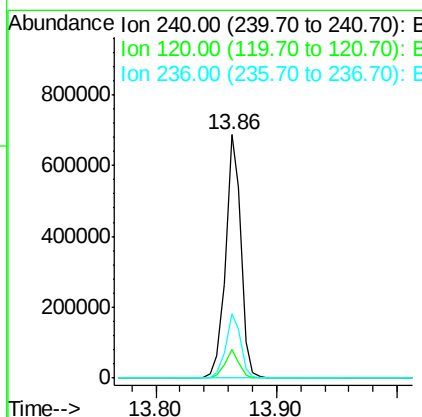
RT: 13.86 min Scan# 2002

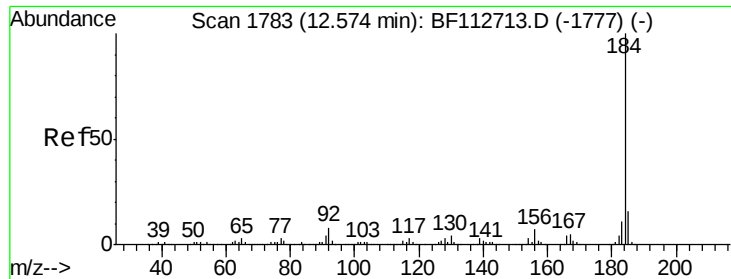
Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Tgt Ion:	240	Resp:	598150
Ion Ratio	Lower	Upper	
240	100		
120	11.9	8.9	13.3
236	26.6	20.7	31.1





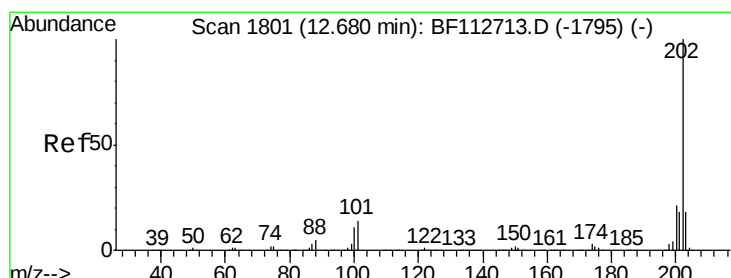
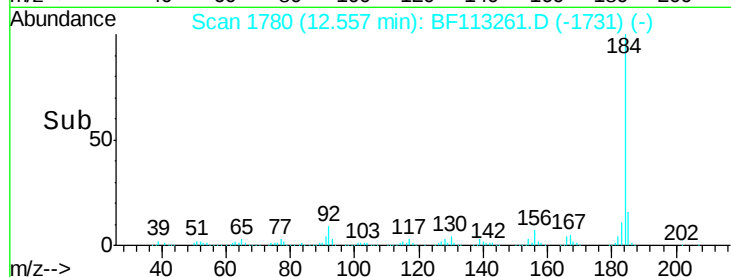
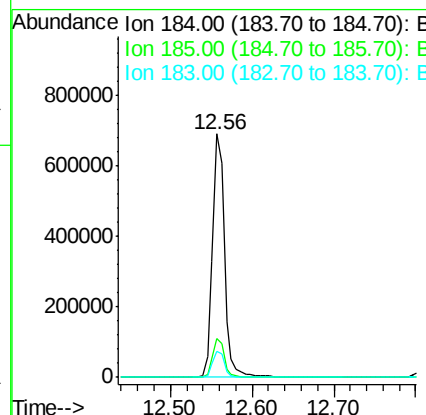
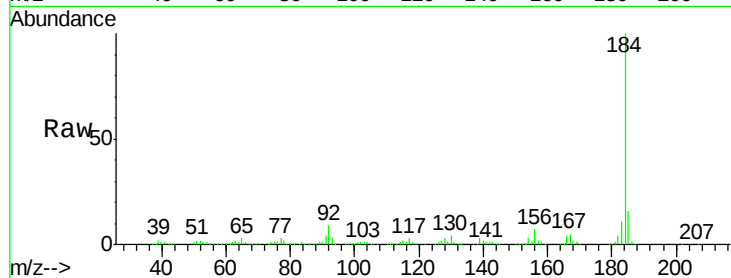
#77
Benzidine
Concen: 22.698 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	18.8
183	10.7	8.6	12.8

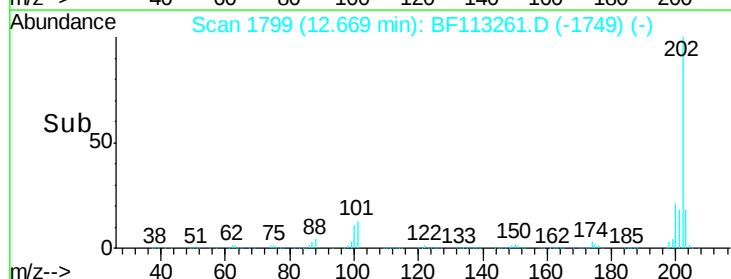
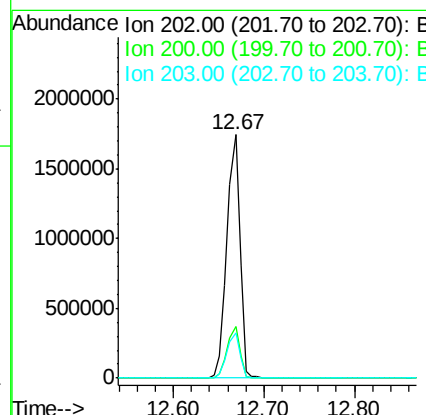
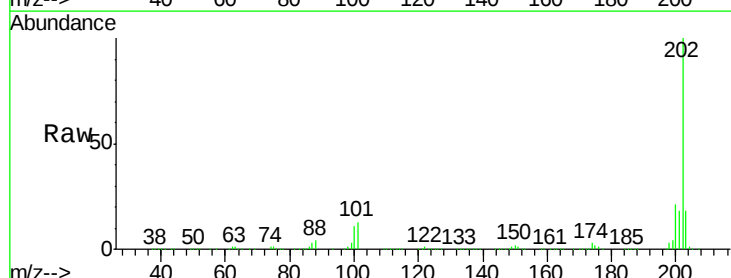
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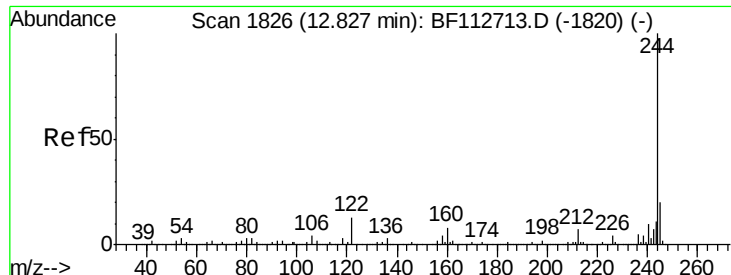
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#78
Pyrene
Concen: 34.156 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	18.4	14.4	21.6





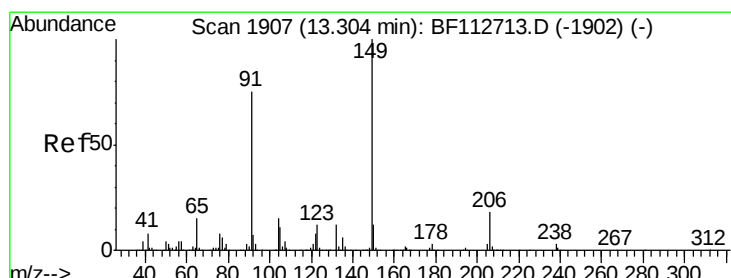
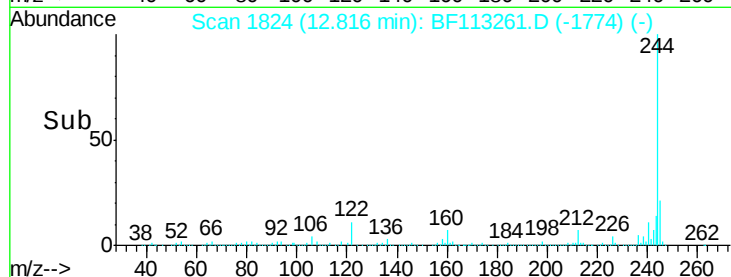
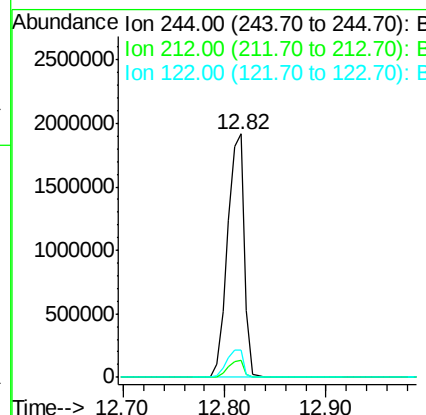
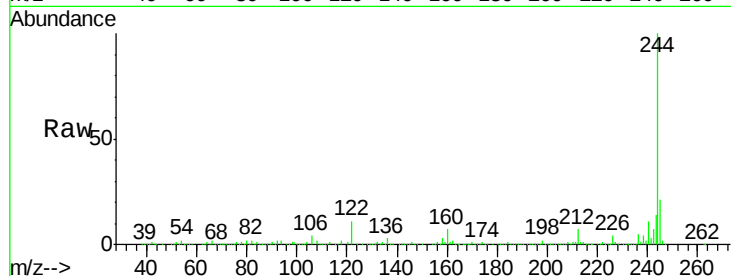
#79
 Terphenyl-d14
 Concen: 70.747 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.0	10.5	15.7

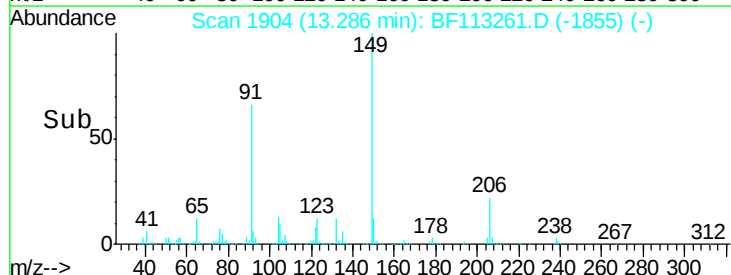
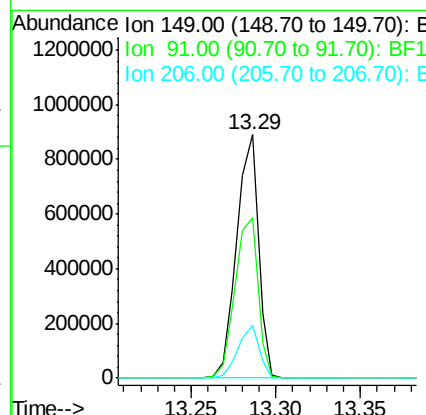
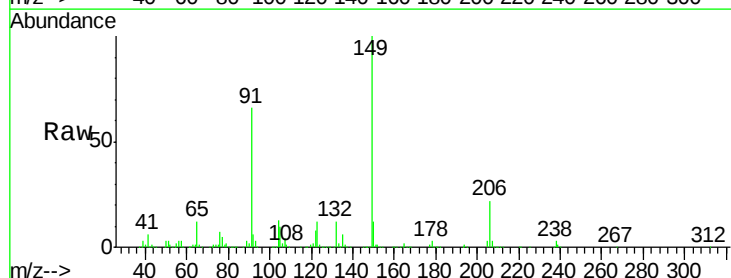
Manual Integrations
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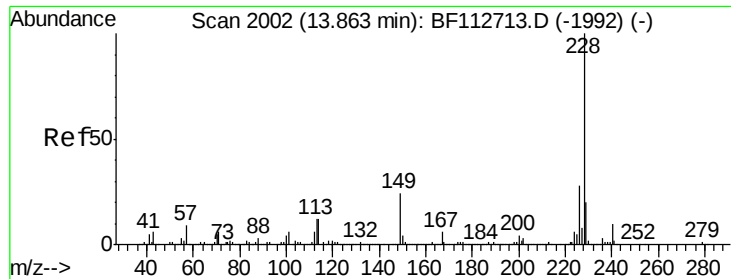
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#80
 Butylbenzylphthalate
 Concen: 35.973 ng
 RT: 13.29 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.1	59.9	89.9
206	21.8	14.7	22.1





#81

Benzo(a)anthracene

Concen: 33.875 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

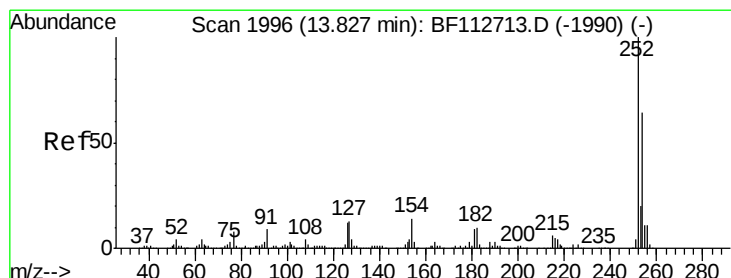
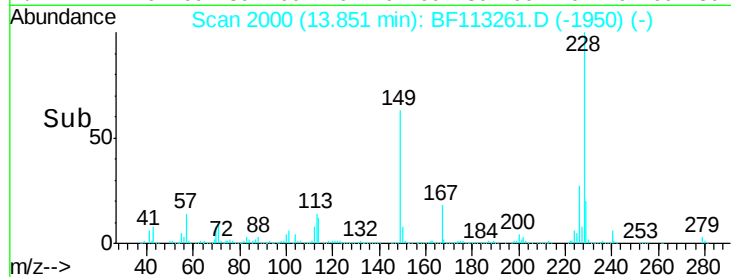
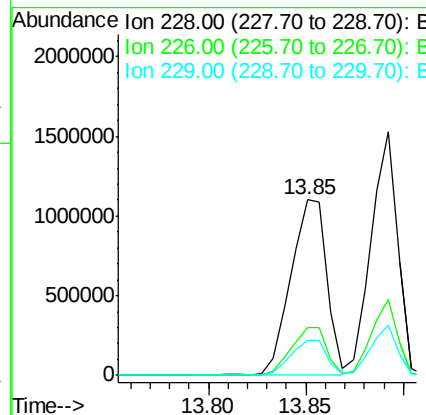
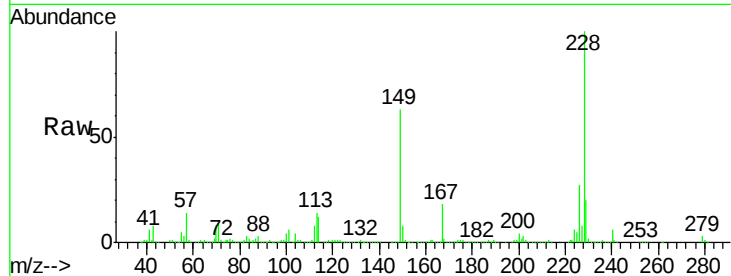
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1404321
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.4
229	20.1	16.0	24.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 37.085 ng

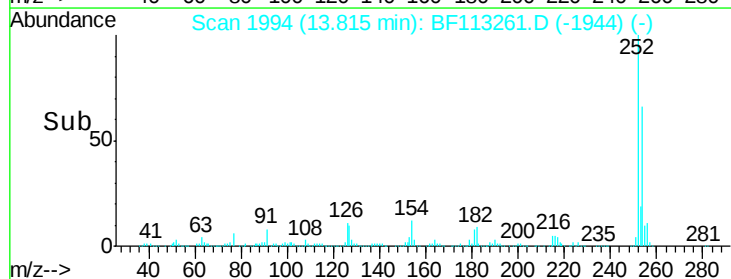
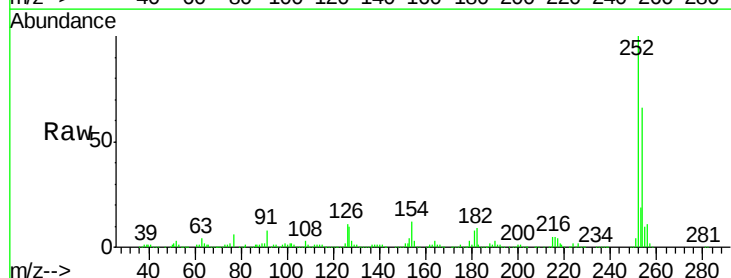
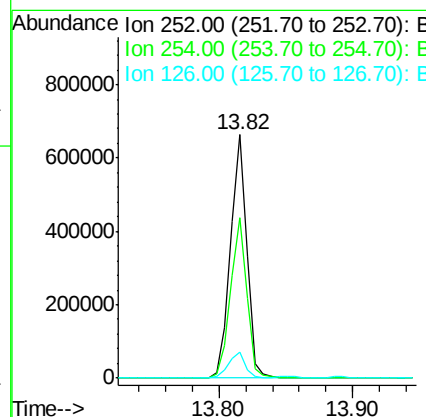
RT: 13.82 min Scan# 1994

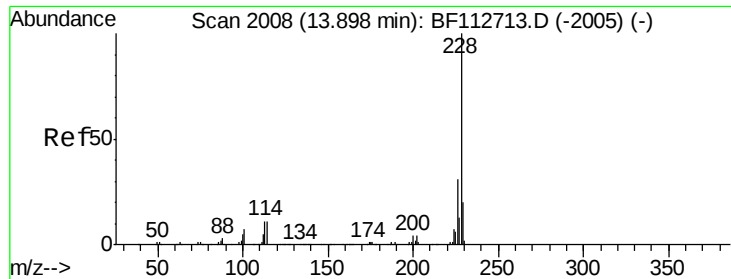
Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Tgt Ion:	252	Resp:	581441
Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.1	76.7
126	10.9	9.9	14.9





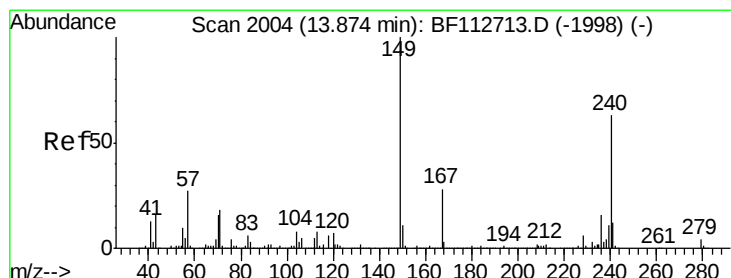
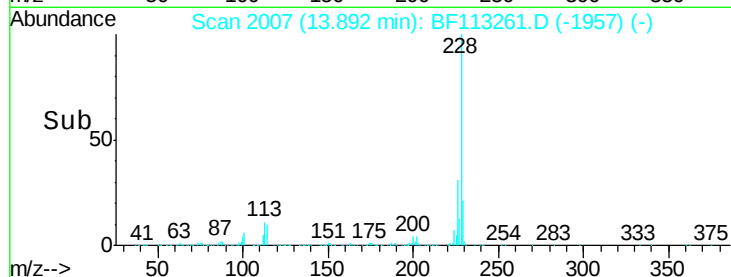
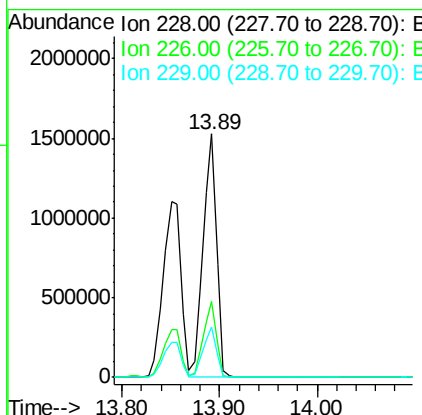
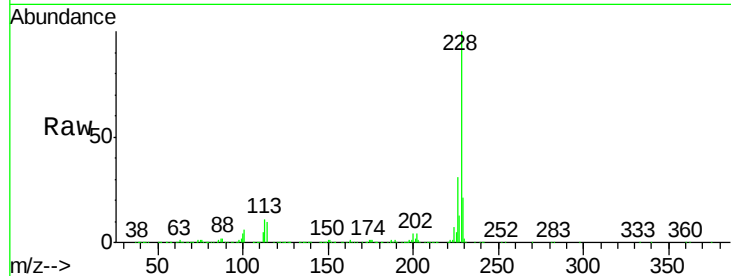
#83
 Chrysene
 Concen: 35.759 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1452056
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 20.7 16.3 24.5

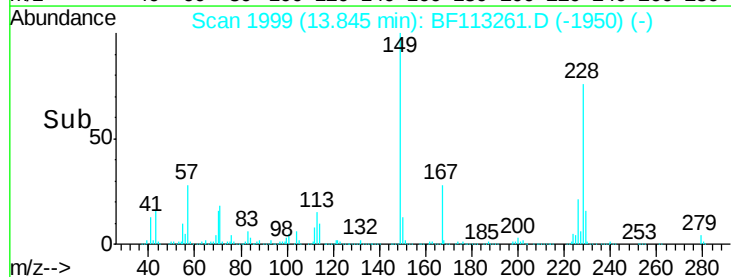
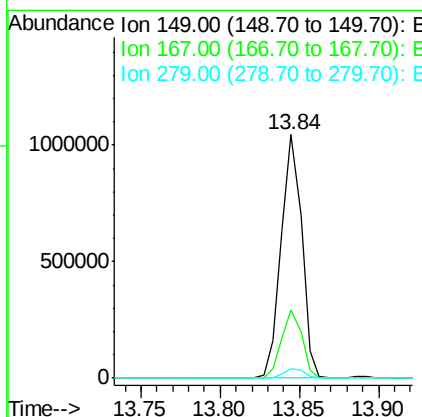
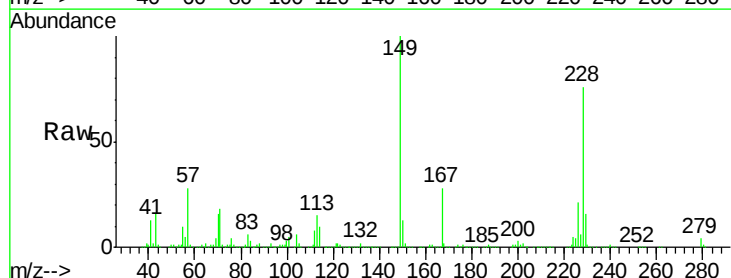
Manual Integrations
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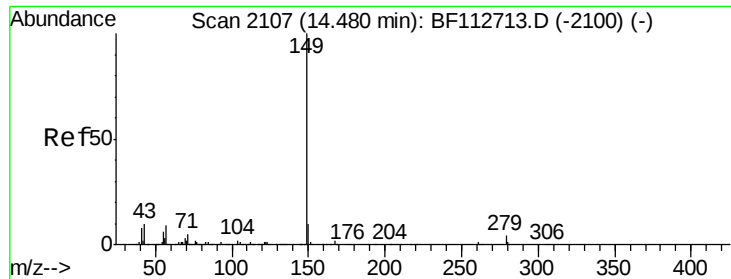
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.318 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF113261.D
 Acq: 24 Mar 2019 11:11

Tgt Ion:149 Resp: 948171
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.4 33.6
 279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 36.332 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1628763

Ion Ratio Lower Upper

149 100

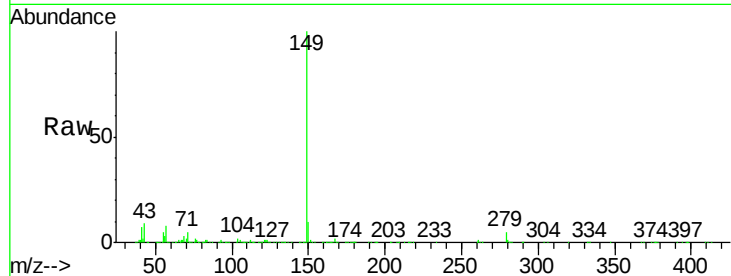
167 1.6 1.2 1.8

43 10.3 9.0 13.4

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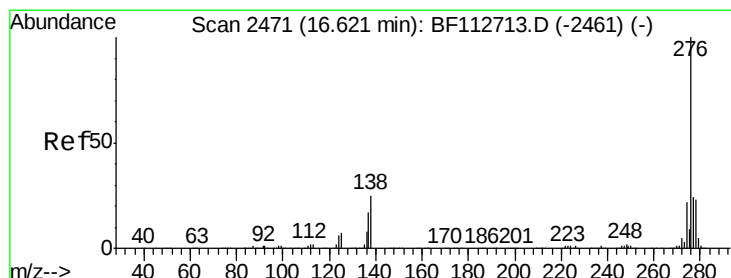
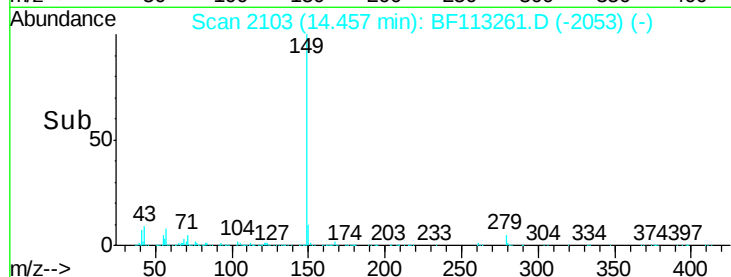
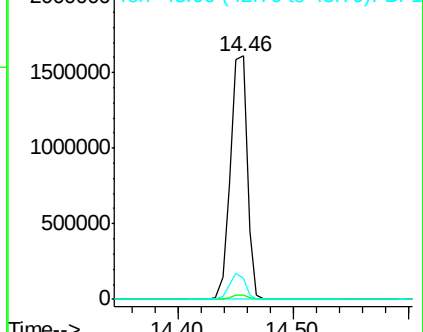
3/26/2019 6:34:38 PM



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: 37.082 ng

RT: 16.64 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Tgt Ion:276 Resp: 1283745

Ion Ratio Lower Upper

276 100

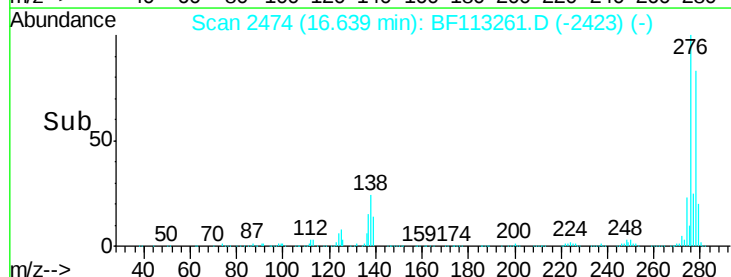
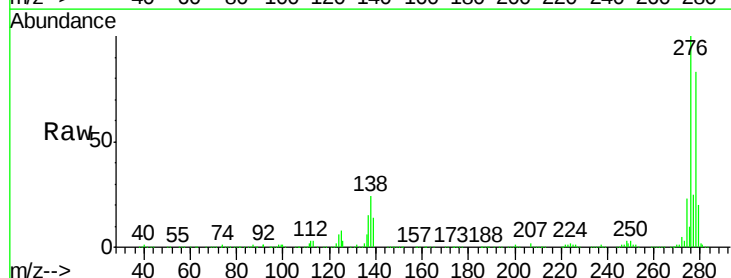
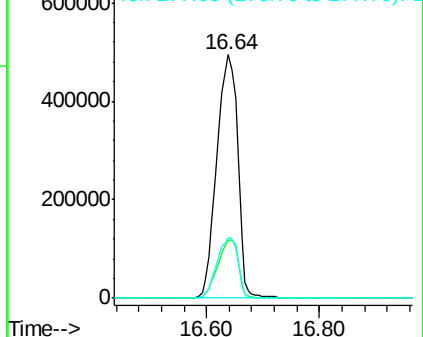
138 23.6 23.2 34.8

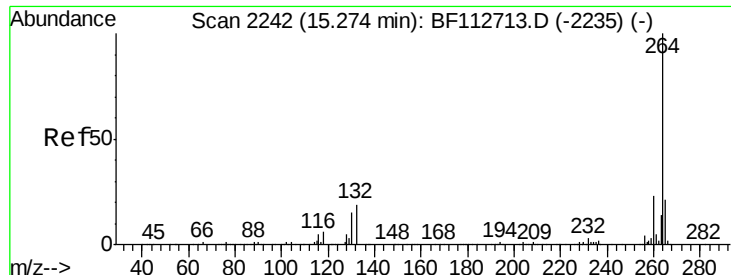
277 25.0 19.9 29.9

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

Pervlene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

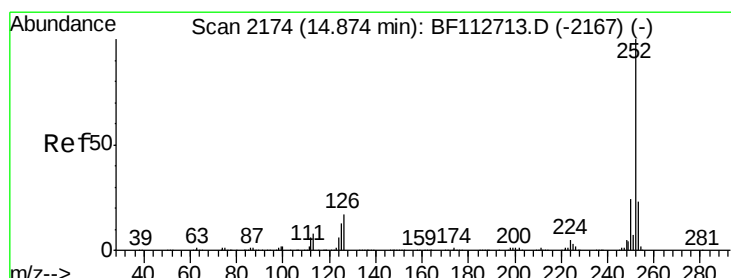
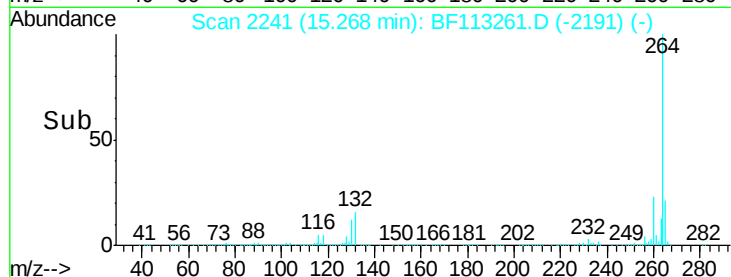
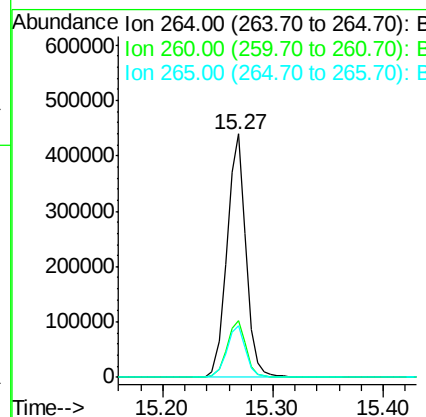
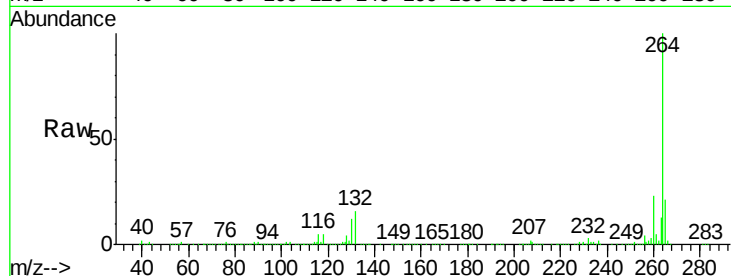
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	526563
Ion Ratio		Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.1	17.2	25.8

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 40.517 ng m

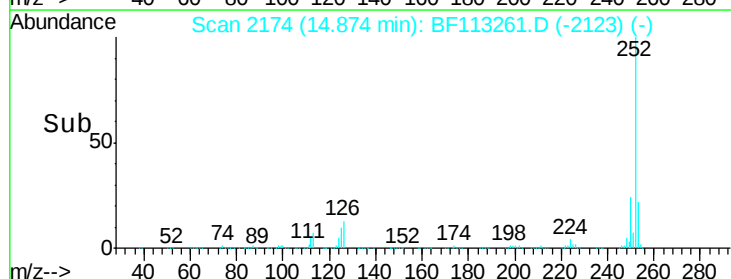
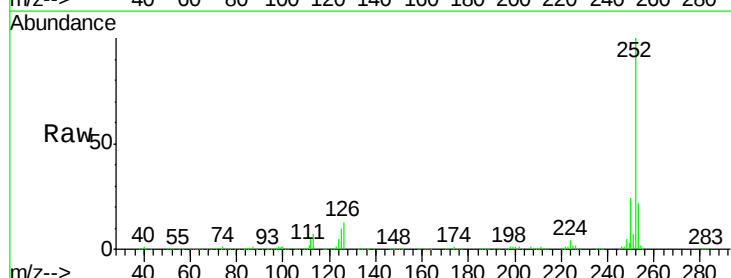
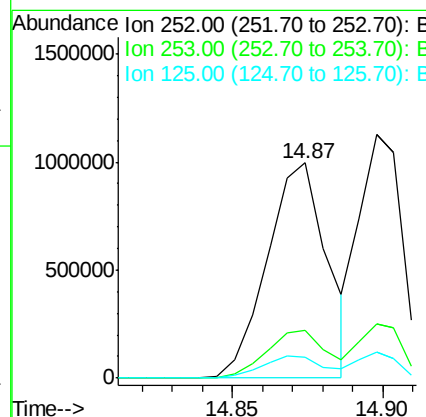
RT: 14.87 min Scan# 2174

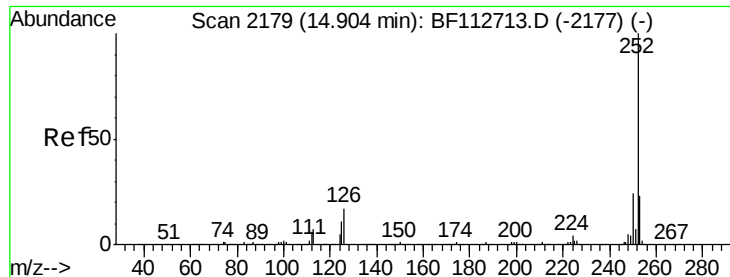
Delta R.T. -0.00 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Tgt Ion:	252	Resp:	1379994
Ion Ratio		Lower	Upper
252	100		
253	22.4	18.0	27.0
125	9.7	10.2	15.2#





#89

Benzo(k)fluoranthene

Concen: 37.160 ng

RT: 14.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1146427

Ion Ratio Lower Upper

252 100

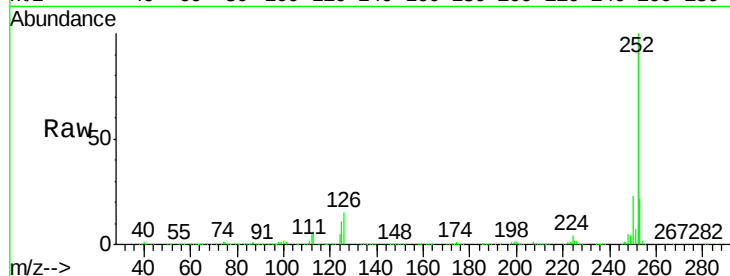
253 22.3 18.2 27.2

125 10.8 9.8 14.6

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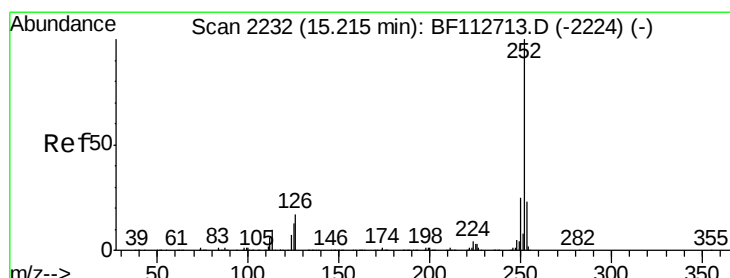
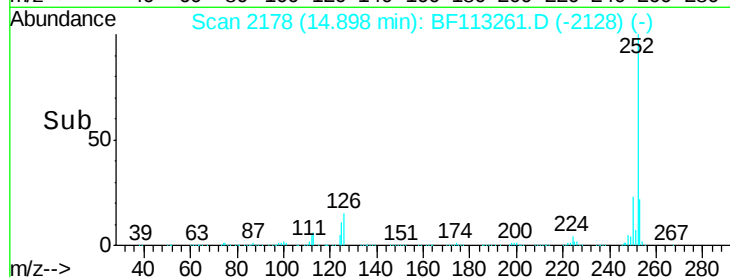
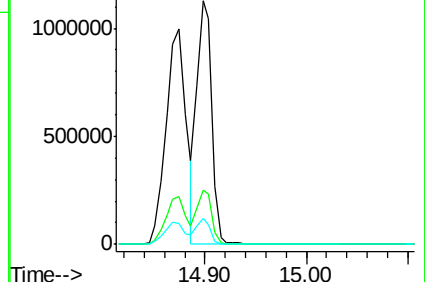
3/26/2019 6:34:38 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.024 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BF113261.D

Acq: 24 Mar 2019 11:11

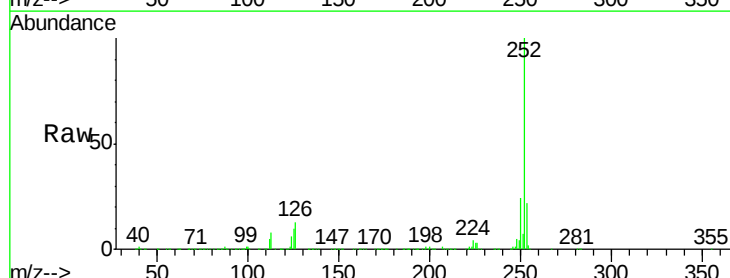
Tgt Ion:252 Resp: 1175657

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

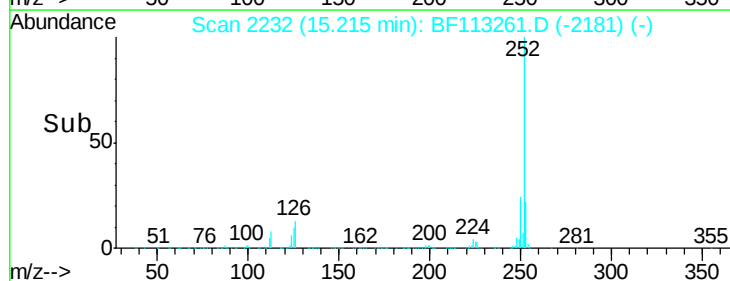
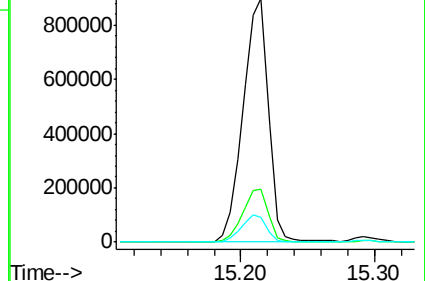
125 10.4 10.7 16.1#

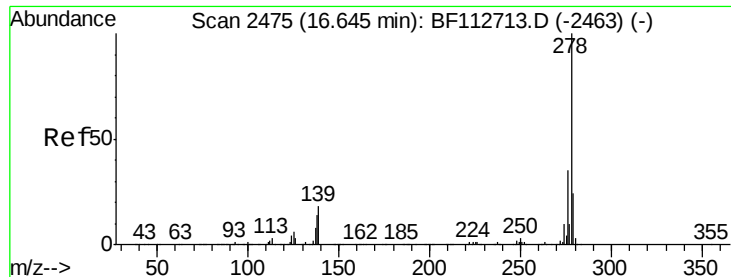


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





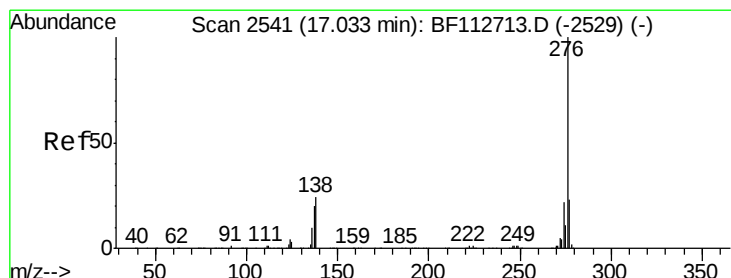
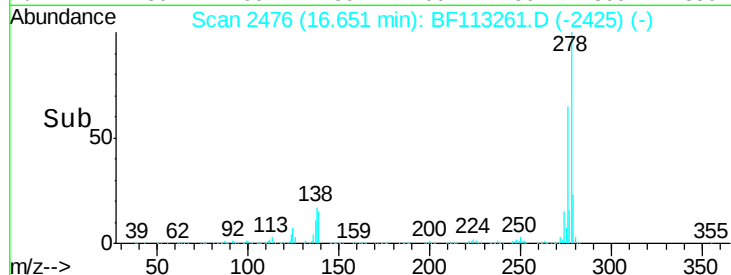
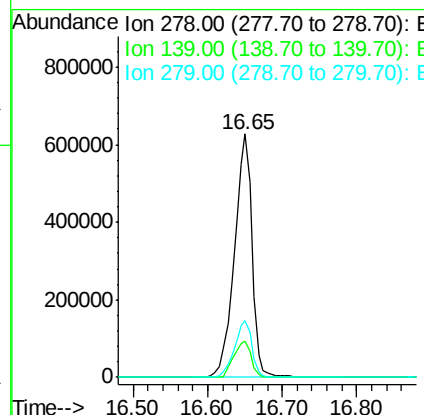
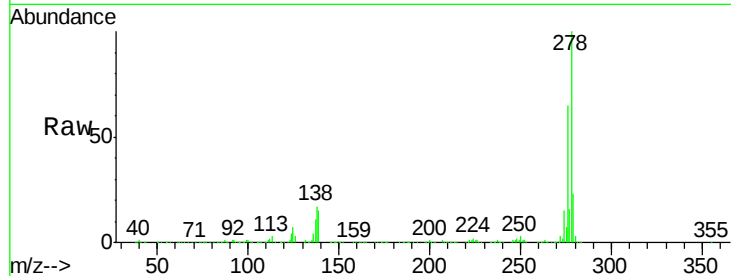
#91
Dibenzo(a,h)anthracene
Concen: 40.321 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	14.3	21.5
279	23.4	19.4	29.0

Manual Integrations
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Sohil
3/26/2019 6:34:38 PM



#92
Benzo(g,h,i)perylene
Concen: 42.361 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF113261.D
Acq: 24 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	27.8
138	19.1	19.4	29.0

