

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112560.D
 Acq On : 14 Feb 2019 11:23
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Sohil
 2/15/2019 4:52:54 PM

Quant Time: Feb 15 06:04:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	125271	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	492214	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	249251	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	492272	20.00	ng	0.00
76) Chrysene-d12	14.01	240	393191	20.00	ng	0.00
87) Perylene-d12	15.49	264	301814	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	549780	93.22	ng	-0.01
7) Phenol-d6	6.49	99	701613	85.61	ng	0.00
23) Nitrobenzene-d5	7.40	82	681985	79.83	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	244325	84.21	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1370901	77.79	ng	-0.01
79) Terphenyl-d14	12.94	244	1644034	78.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	107535	45.771	ng	94
3) Pyridine	3.35	79	263470	44.086	ng	97
4) n-Nitrosodimethylamine	3.30	42	124091	49.422	ng	# 90
6) Aniline	6.50	93	421752	43.262	ng	# 65
8) 2-Chlorophenol	6.63	128	327615	41.293	ng	100
9) Benzaldehyde	6.39	77	168384	39.311	ng	99
10) Phenol	6.50	94	380627	42.334	ng	91
11) bis(2-Chloroethyl)ether	6.57	93	292676	41.347	ng	95
12) 1,3-Dichlorobenzene	6.77	146	362891	39.275	ng	99
13) 1,4-Dichlorobenzene	6.85	146	381998	40.171	ng	99
14) 1,2-Dichlorobenzene	7.00	146	351641	39.496	ng	97
15) Benzyl Alcohol	6.98	79	281188	40.703	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	353529	38.898	ng	# 27
17) 2-Methylphenol	7.10	107	249971	39.745	ng	# 88
18) Hexachloroethane	7.34	117	133386	39.945	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	232199	41.091	ng	97
20) 3+4-Methylphenols	7.26	107	340766	42.370	ng	# 68
22) Acetophenone	7.25	105	477610	39.849	ng	# 95
24) Nitrobenzene	7.42	77	336237	39.412	ng	94
25) Isophorone	7.66	82	538974	40.218	ng	99
26) 2-Nitrophenol	7.73	139	185915	40.777	ng	# 88
27) 2,4-Dimethylphenol	7.77	122	249293	39.686	ng	92
28) bis(2-Chloroethoxy)methane	7.86	93	361023	39.564	ng	99
29) 2,4-Dichlorophenol	7.99	162	287713	40.929	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	318595	39.428	ng	99
31) Naphthalene	8.14	128	915651	39.780	ng	98
32) Benzoic acid	7.94	122	177168	49.444	ng	97
33) 4-Chloroaniline	8.19	127	401213	40.031	ng	99
34) Hexachlorobutadiene	8.25	225	188597	39.774	ng	99
35) Caprolactam	8.57	113	98988m	39.917	ng	
36) 4-Chloro-3-methylphenol	8.69	107	297110	39.925	ng	94
37) 2-Methylnaphthalene	8.83	142	616026	39.094	ng	95
38) 1-Methylnaphthalene	8.93	142	594934	39.390	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	314480	38.427	ng	98

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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 BNA_F
 ClientSampleId :
 SSTDC0040

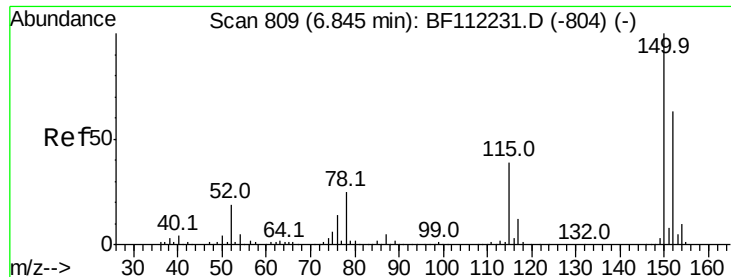
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Quant Time: Feb 15 06:04:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	89071	34.810	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	195268	38.708	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	199308	37.803	nq	95
46) 1,1'-Biphenyl	9.29	154	852362	39.116	nq	99
47) 2-Chloronaphthalene	9.32	162	656818	38.870	nq	95
48) 2-Nitroaniline	9.42	65	186821	40.563	nq	89
49) Acenaphthylene	9.73	152	961125	38.806	nq	98
50) Dimethylphthalate	9.59	163	749115	38.683	nq	99
51) 2,6-Dinitrotoluene	9.66	165	169745	39.138	nq #	76
52) Acenaphthene	9.91	154	584916	39.534	nq	99
53) 3-Nitroaniline	9.84	138	188790	40.179	nq	93
54) 2,4-Dinitrophenol	9.96	184	63396	45.546	nq	93
55) Dibenzofuran	10.08	168	874705	38.688	nq	94
56) 4-Nitrophenol	10.02	139	103463	41.649	nq	86
57) 2,4-Dinitrotoluene	10.07	165	220495	39.934	nq #	62
58) Fluorene	10.42	166	680383	40.214	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	159328	39.989	nq	92
60) Diethylphthalate	10.29	149	781524	40.666	nq	98
61) 4-Chlorophenyl-phenylether	10.41	204	362801	39.420	nq	96
62) 4-Nitroaniline	10.46	138	172642	37.459	nq	91
63) Azobenzene	10.57	77	697169	41.248	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	106330	38.526	nq	97
66) n-Nitrosodiphenylamine	10.53	169	650649	39.217	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	223890	38.670	nq	97
68) Hexachlorobenzene	10.98	284	243838	39.254	nq	98
69) Atrazine	11.06	200	180087	33.640	nq	96
70) Pentachlorophenol	11.18	266	89893	37.191	nq	96
71) Phenanthrene	11.39	178	994606	38.863	nq	99
72) Anthracene	11.44	178	1014542	39.796	nq	100
73) Carbazole	11.60	167	1014815	40.355	nq	99
74) Di-n-butylphthalate	11.91	149	1257123	40.275	nq	99
75) Fluoranthene	12.58	202	1048004	38.179	nq	98
77) Benzidine	12.69	184	504948	46.660	nq	96
78) Pyrene	12.81	202	1088918	40.001	nq	99
80) Butylbenzylphthalate	13.41	149	532559	40.435	nq	95
81) Benzo(a)anthracene	14.00	228	926034	40.064	nq	97
82) 3,3'-Dichlorobenzidine	13.96	252	351300	40.612	nq	99
83) Chrysene	14.04	228	874461	39.634	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	741475	39.661	nq #	97
85) Di-n-octyl phthalate	14.57	149	1103259	38.356	nq	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	601191	34.388	nq	96
88) Benzo(b)fluoranthene	15.06	252	724926	40.162	nq	98
89) Benzo(k)fluoranthene	15.09	252	701333	40.565	nq	97
90) Benzo(a)pyrene	15.43	252	640447	39.434	nq	99
91) Dibenzo(a,h)anthracene	16.98	278	512150	39.127	nq	100
92) Benzo(g,h,i)perylene	17.43	276	490963	39.756	nq	96

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



#1

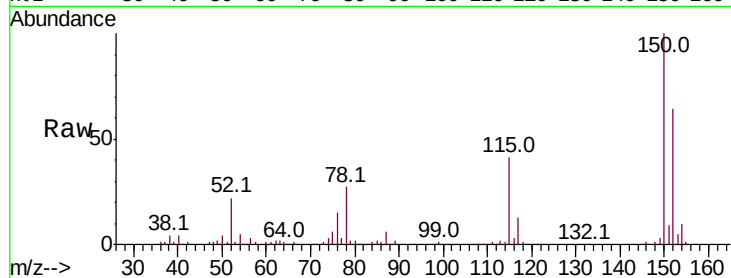
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.4	191.0
115	63.2	45.5	68.3

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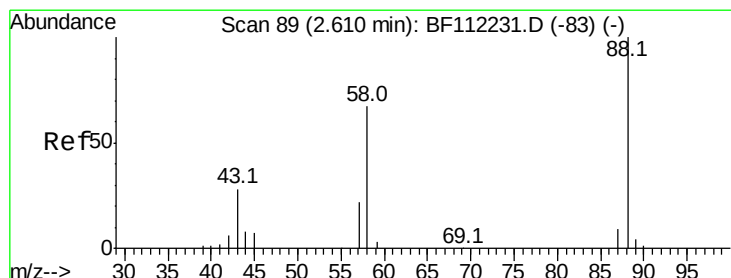
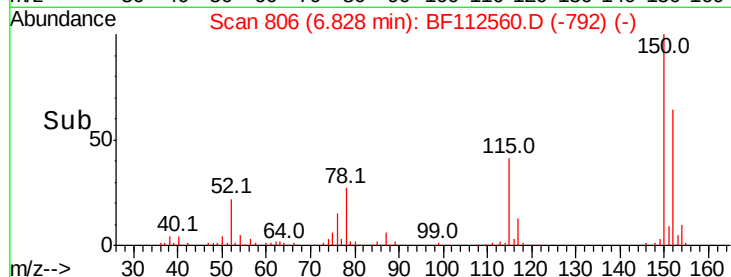
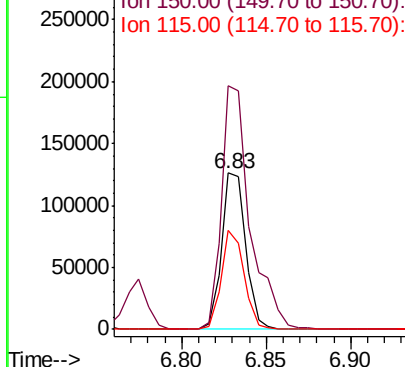


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

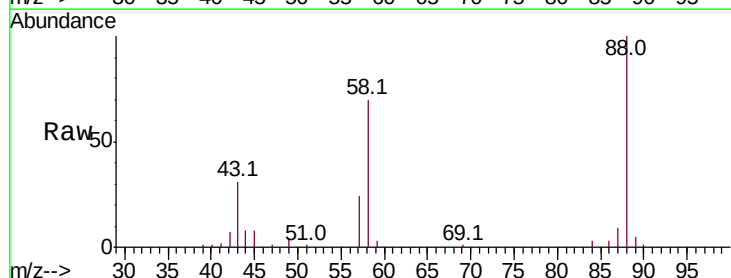
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.771 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.03 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.7	57.4	86.2
43	30.0	22.2	33.4

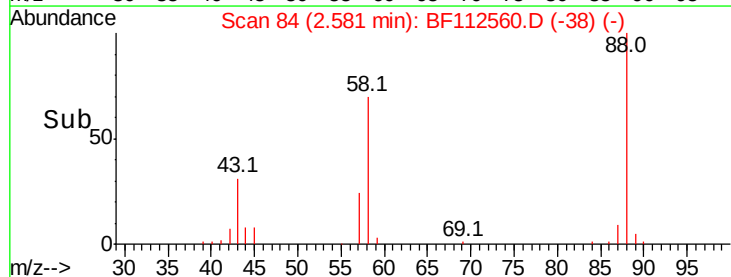
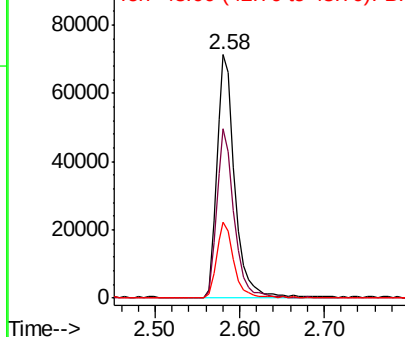


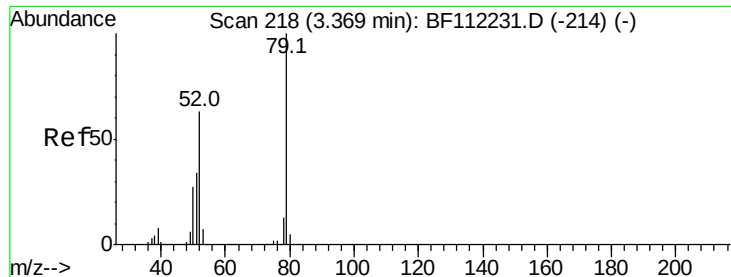
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 44.086 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.02 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

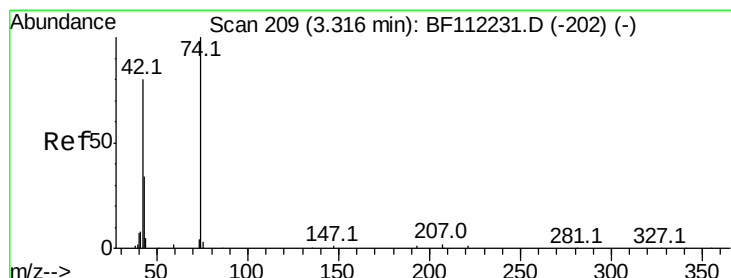
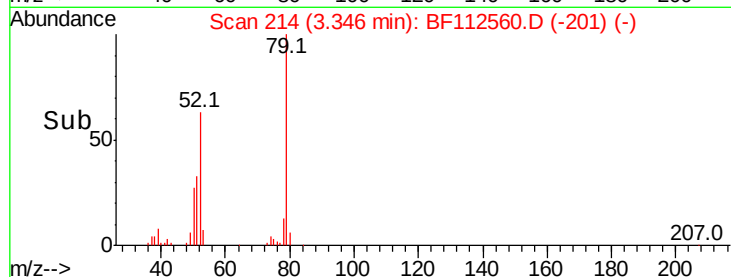
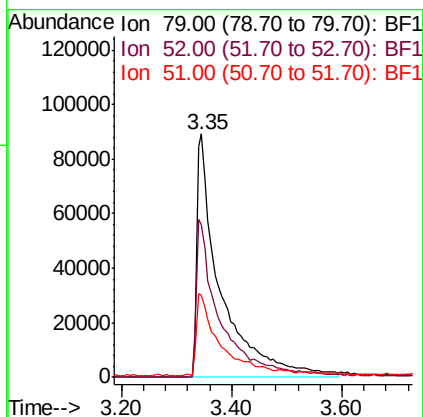
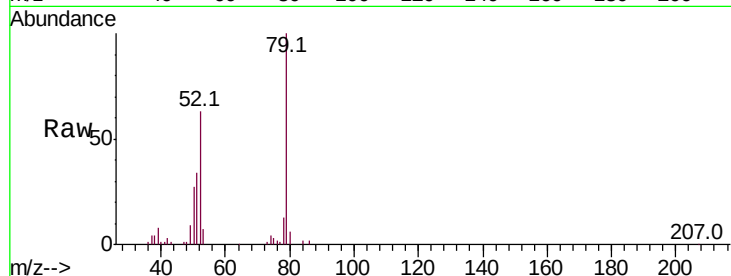
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	263470
Ion Ratio	Lower	Upper	
79	100		
52	63.0	52.4	78.6
51	33.9	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 49.422 ng

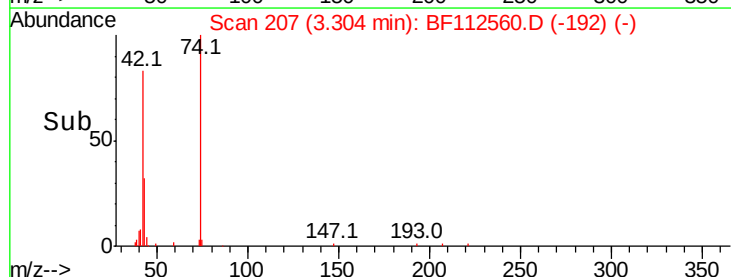
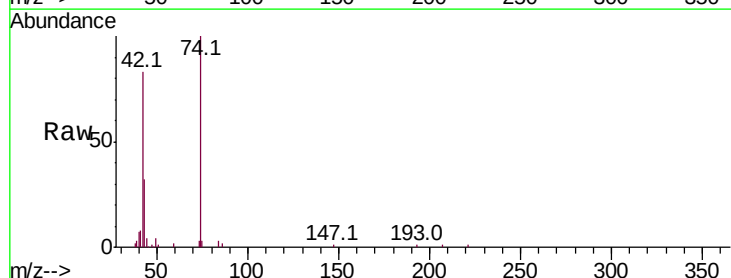
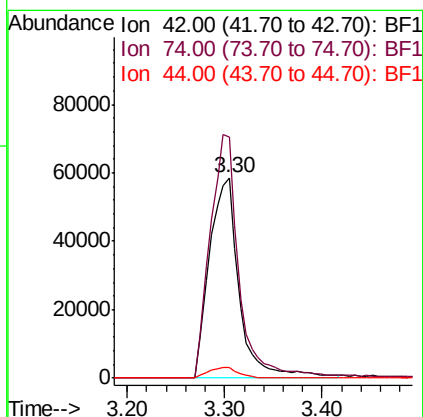
RT: 3.30 min Scan# 207

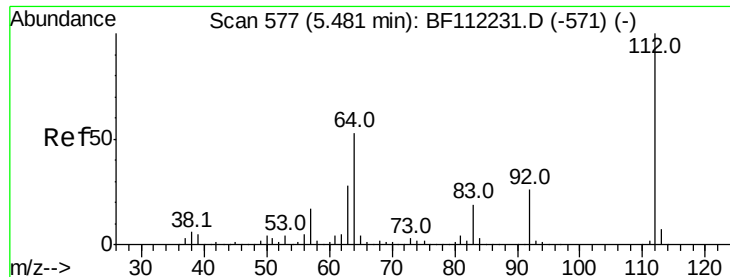
Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Tgt Ion:	42	Resp:	124091
Ion Ratio	Lower	Upper	
42	100		
74	120.4	105.6	158.4
44	5.2	5.4	8.2#





#5

2-Fluorophenol

Concen: 93.219 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

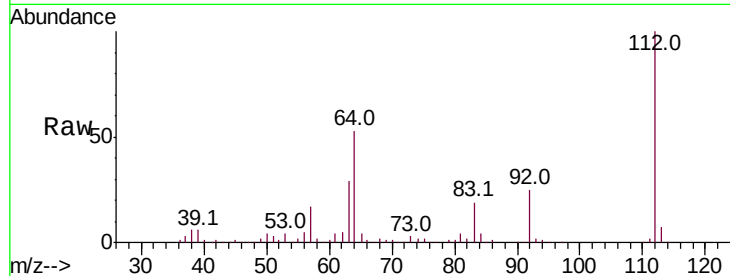
ClientSampleId :

SSTDCCC040

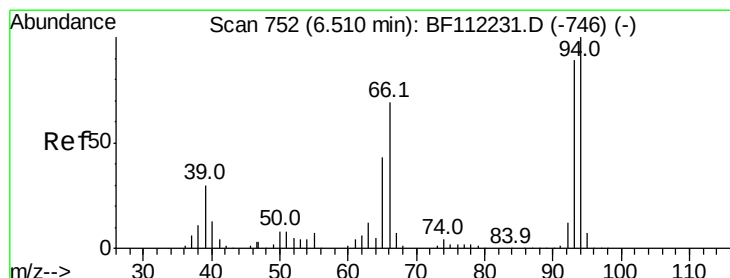
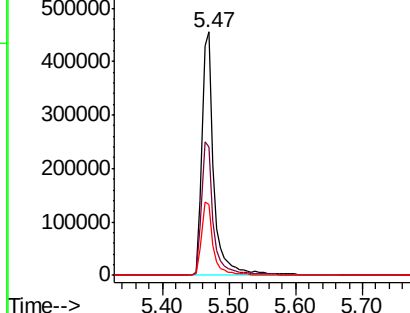
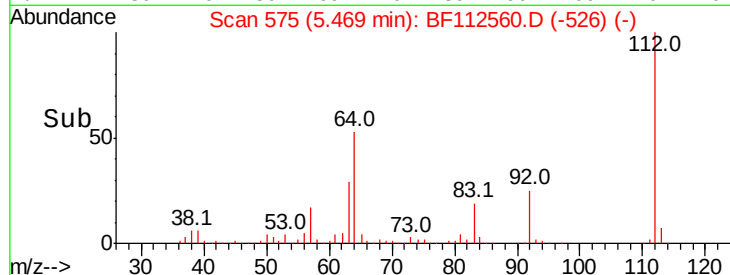
Tot Ion:	112	Resp:	549780
Ion Ratio	Lower	Upper	
112	100		
64	52.8	45.7	68.5
63	29.3	23.6	35.4

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 43.262 ng

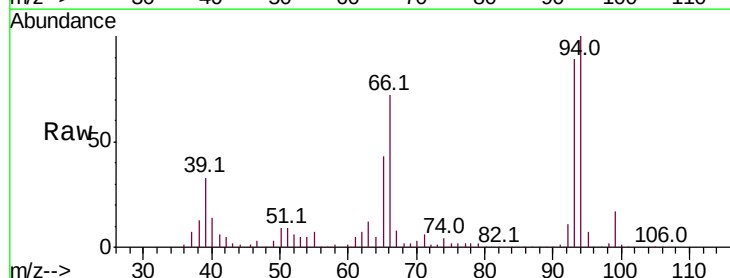
RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

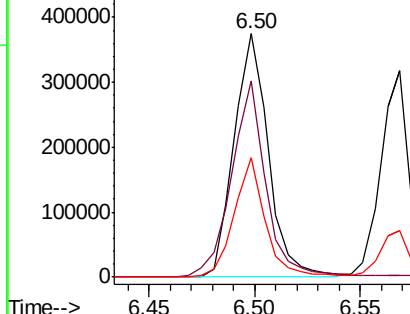
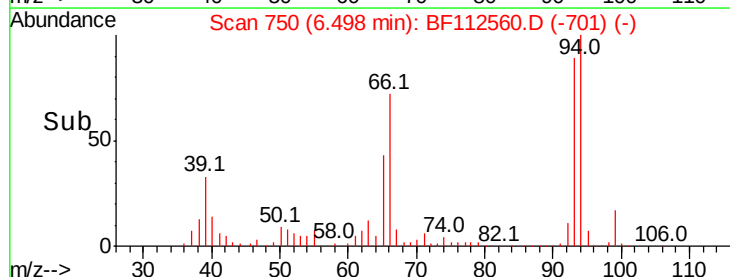
Lab File: BF112560.D

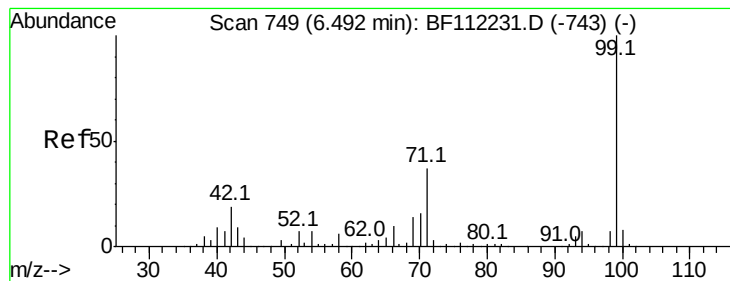
Acq: 14 Feb 2019 11:23

Tgt Ion:	93	Resp:	421752
Ion Ratio	Lower	Upper	
93	100		
66	80.7	43.4	65.2#
65	48.8	25.3	37.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.613 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

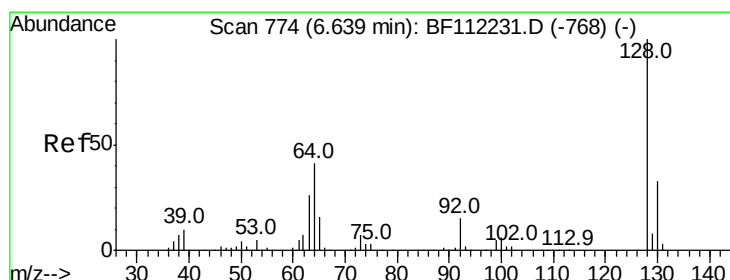
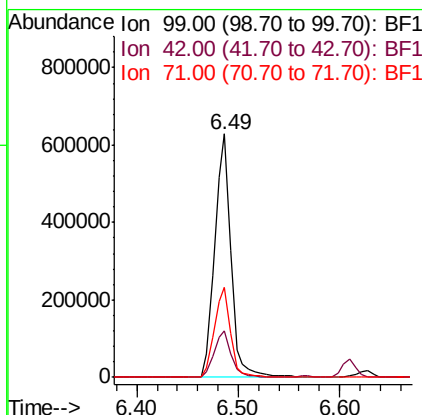
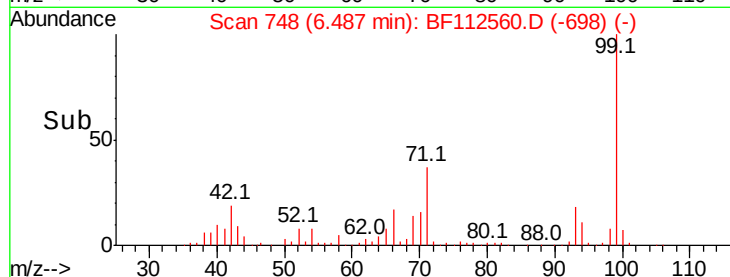
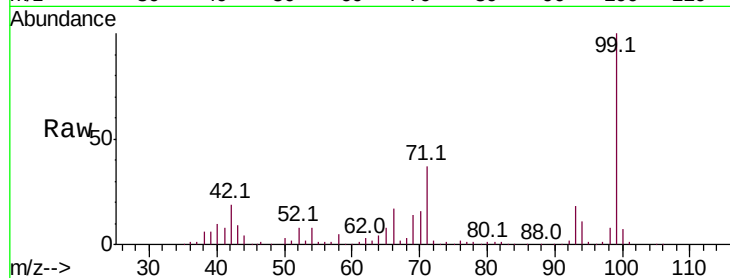
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	701613
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.1	22.7
71	37.1	26.9	40.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.293 ng

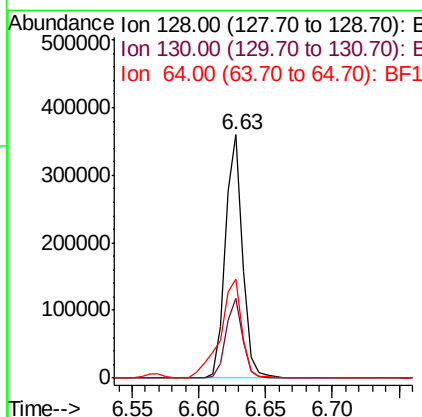
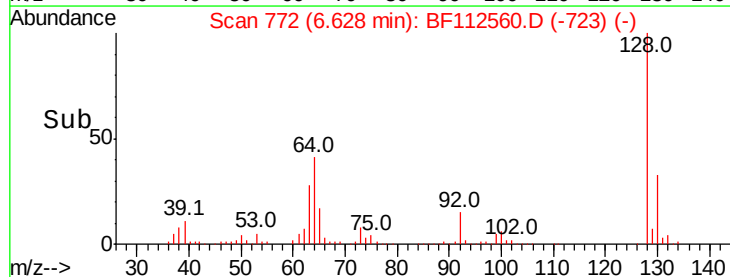
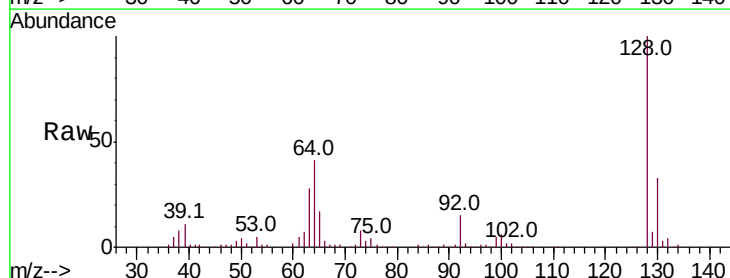
RT: 6.63 min Scan# 772

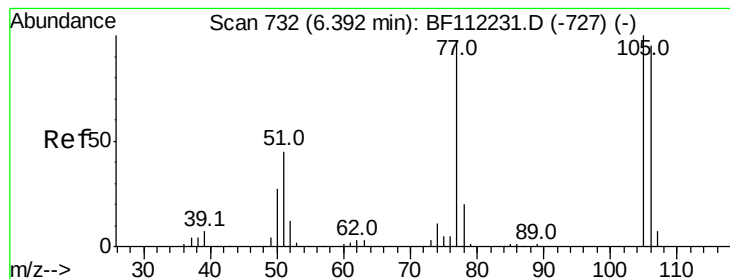
Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Tgt Ion:	128	Resp:	327615
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.4	53.4
64	40.5	20.5	60.5





#9

Benzaldehyde

Concen: 39.311 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

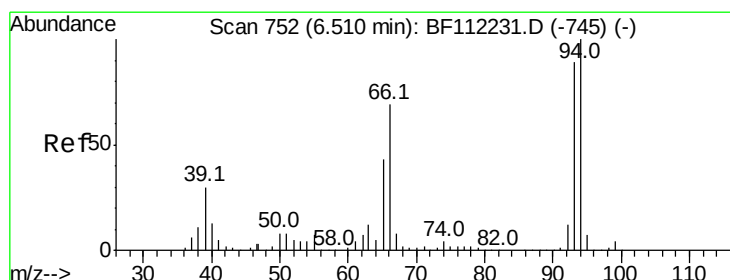
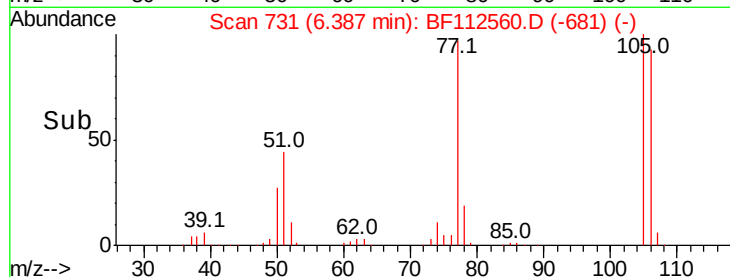
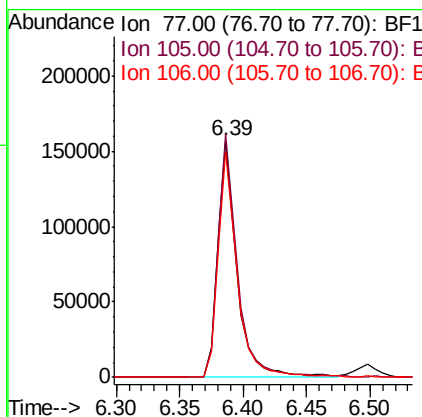
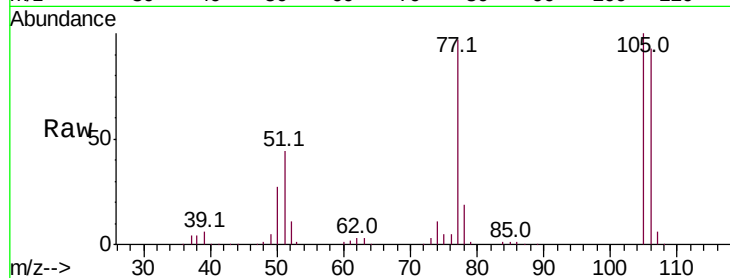
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	168384
Ion Ratio	Lower	Upper	
77	100		
105	103.1	80.8	120.8
106	95.8	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 42.334 ng

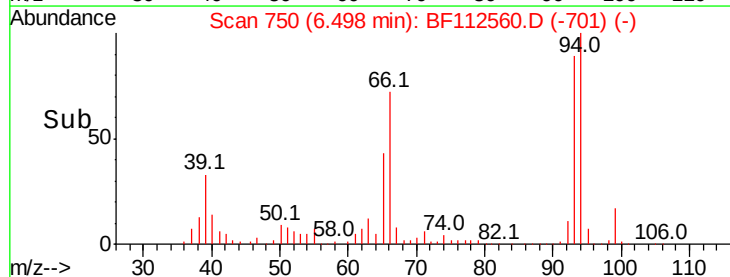
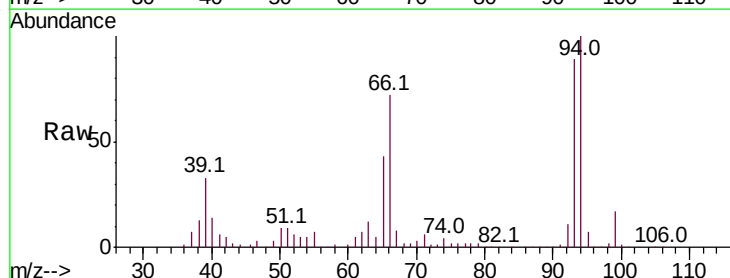
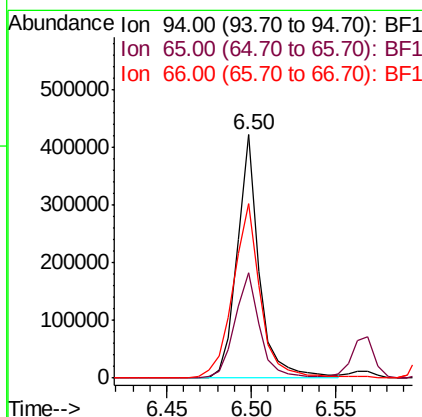
RT: 6.50 min Scan# 750

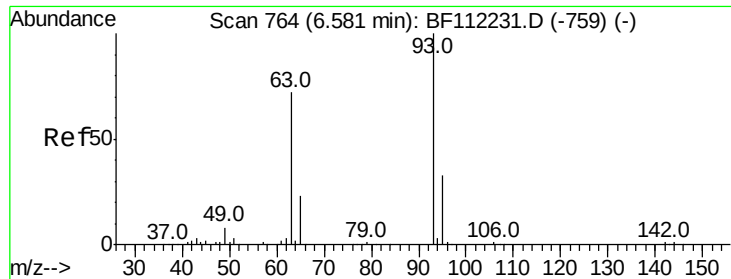
Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Tgt Ion:	94	Resp:	380627
Ion Ratio	Lower	Upper	
94	100		
65	43.5	20.3	60.3
66	71.8	42.4	82.4





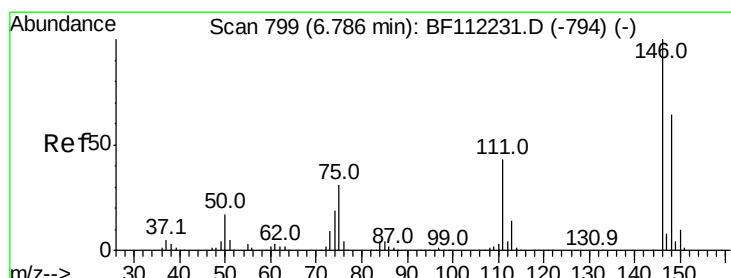
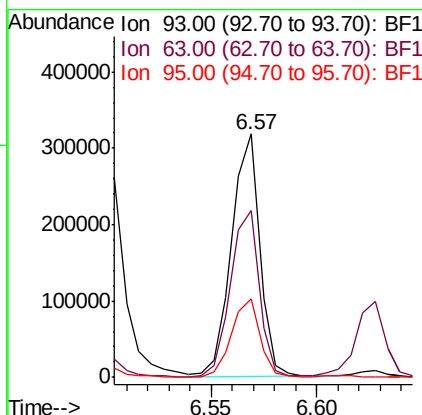
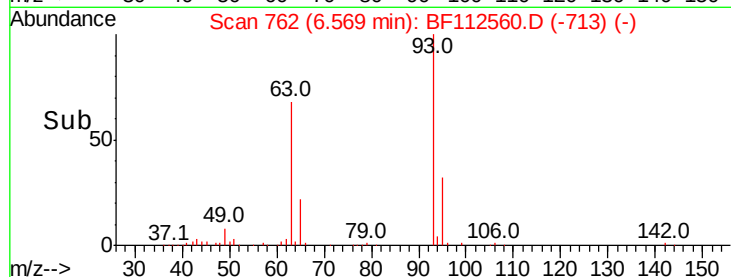
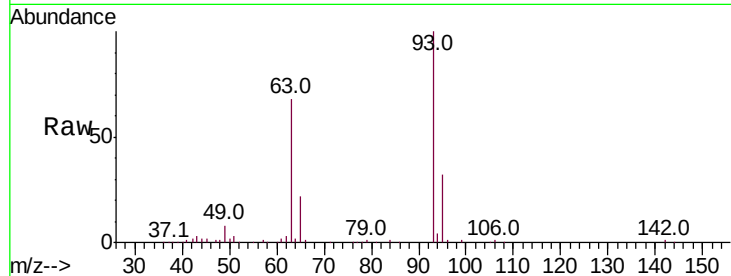
#11
bis(2-Chloroethyl)ether
Concen: 41.347 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.3	53.3	93.3
95	32.3	13.4	53.4

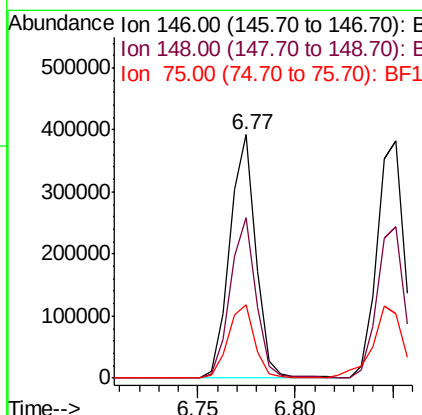
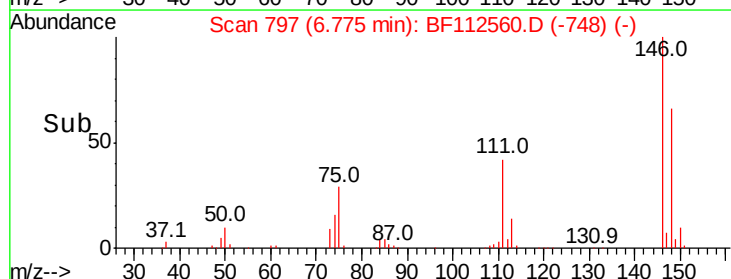
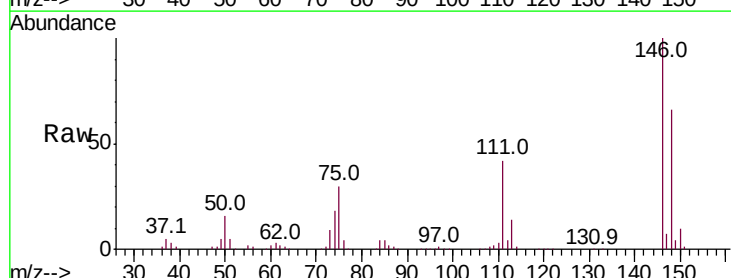
Manual Integrations
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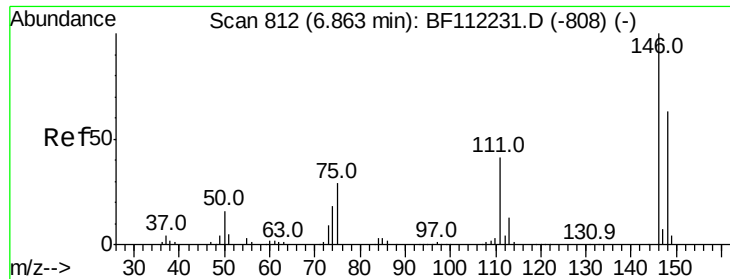
Sohil
2/15/2019 4:52:54 PM



#12
1,3-Dichlorobenzene
Concen: 39.275 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.8	77.8
75	29.9	23.1	34.7





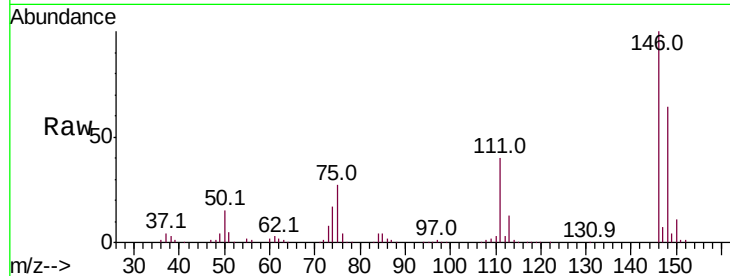
#13
 1,4-Dichlorobenzene
 Concen: 40.171 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	39.9	31.2	46.8

Manual Integrations
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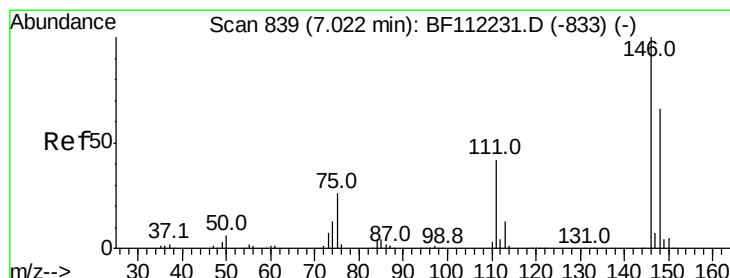
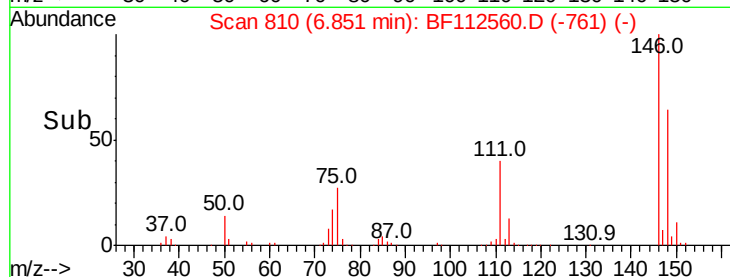
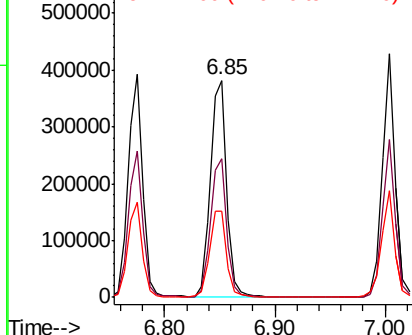


Abundance

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: 39.496 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

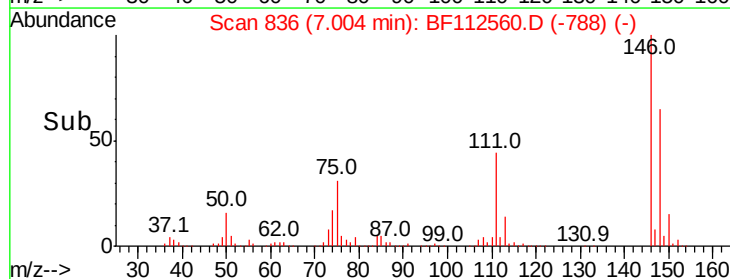
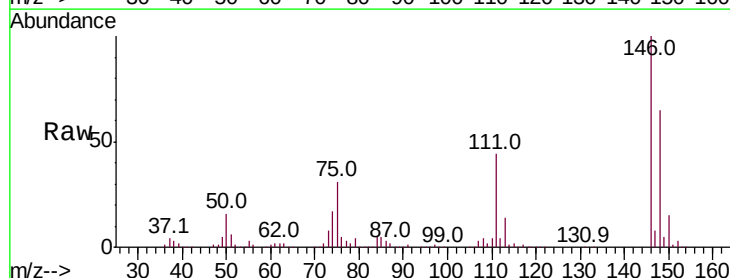
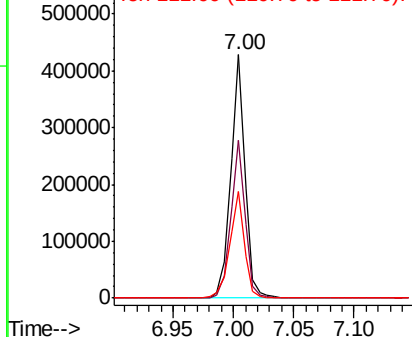
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.4
111	43.7	31.2	46.8

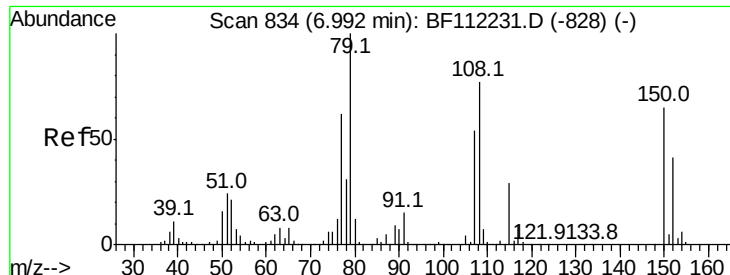
Abundance

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





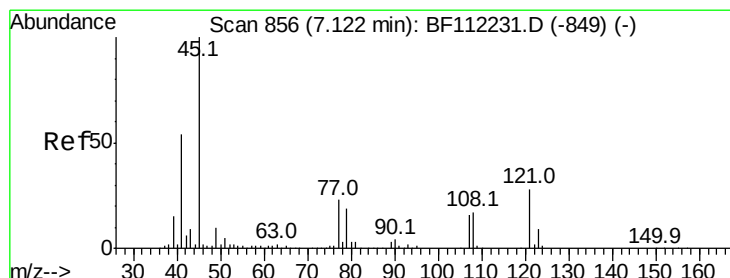
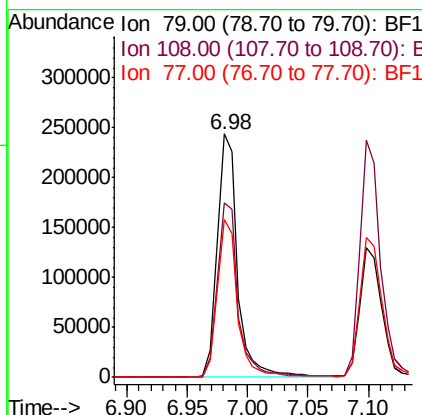
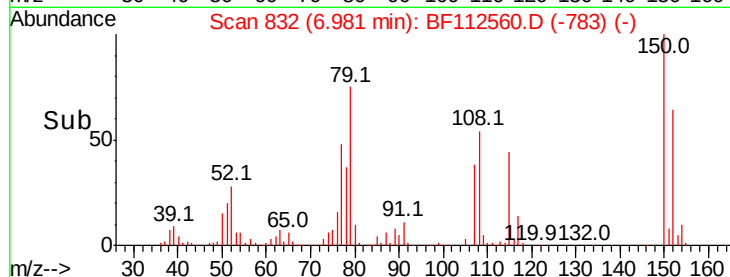
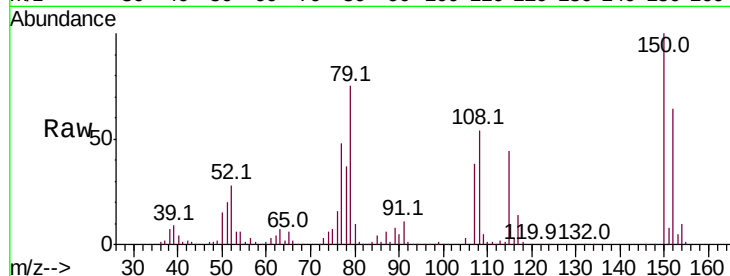
#15
Benzyl Alcohol
Concen: 40.703 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.6	64.2	96.2
77	64.6	50.3	75.5

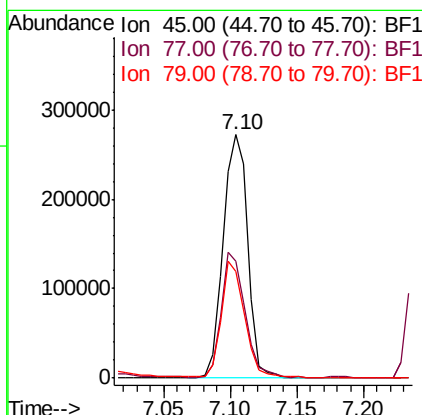
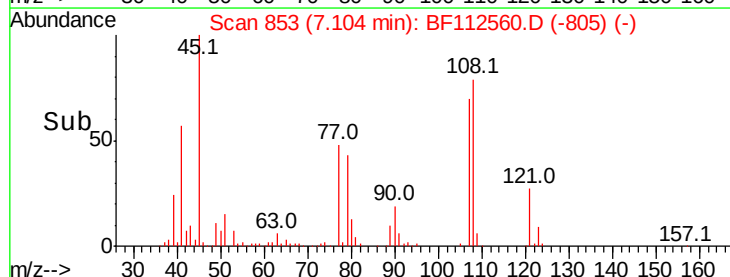
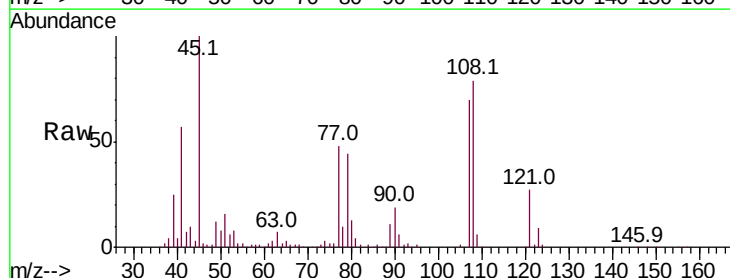
Manual Integrations
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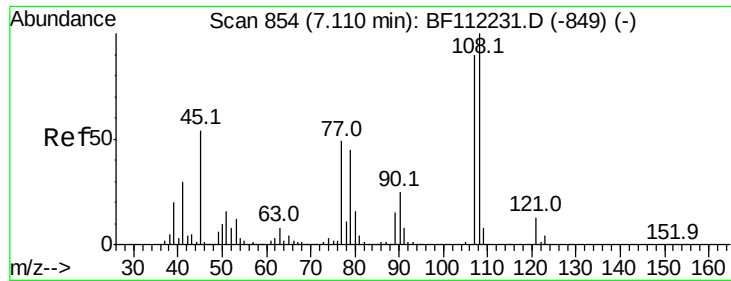
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.898 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	48.2	0.0	36.9#
79	44.0	0.0	34.0#





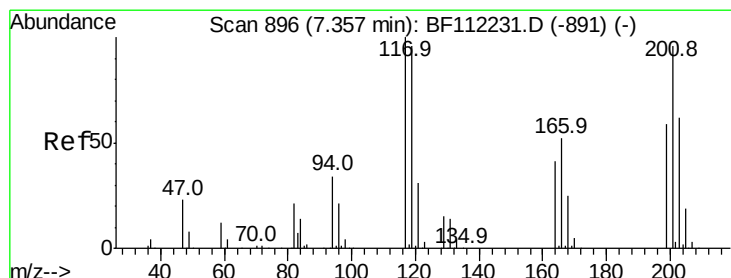
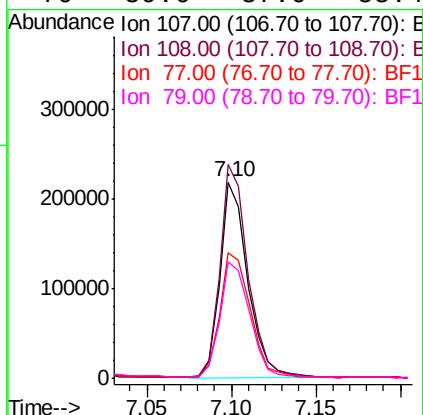
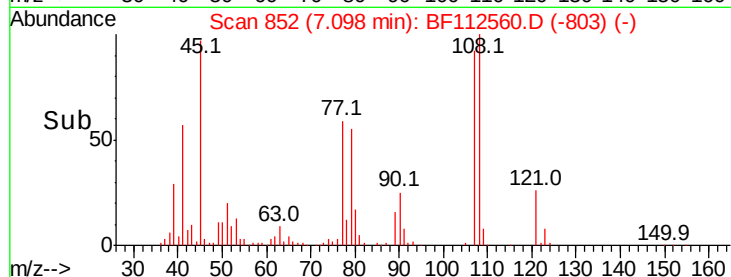
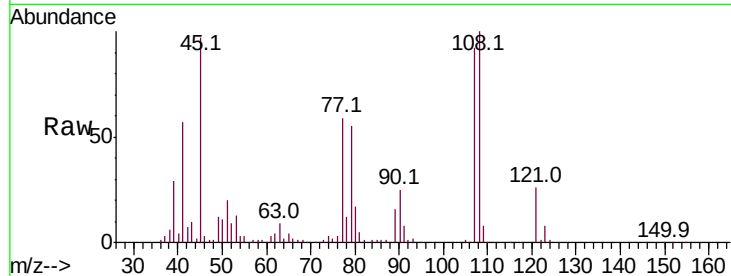
#17
2-Methylphenol
Concen: 39.745 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.8	91.3	136.9	
77	64.2	39.0	58.6#	
79	59.6	37.0	55.4#	

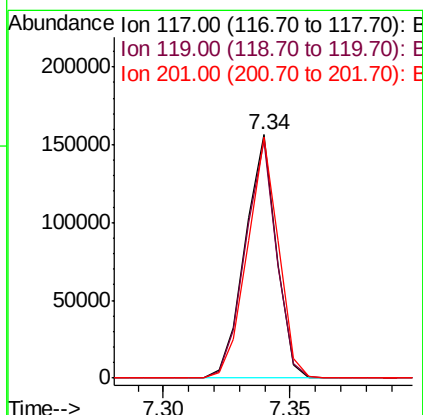
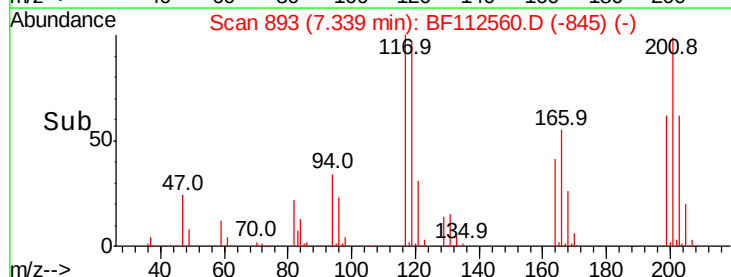
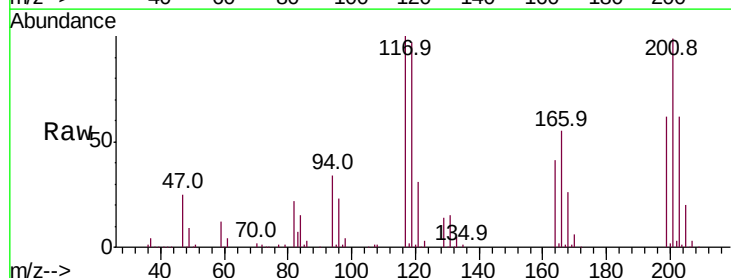
Manual Integrations
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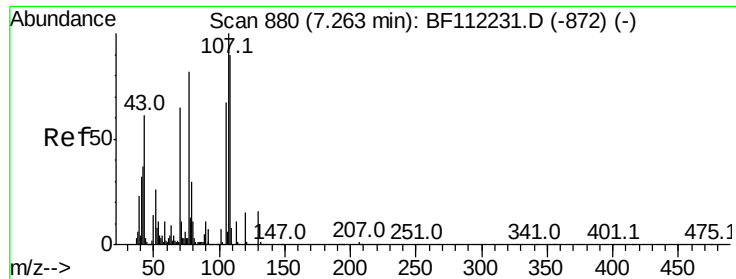
Sohil
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#18
Hexachloroethane
Concen: 39.945 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	77.0	115.4	
201	99.1	74.1	111.1	





#19

n-Nitroso-di-n-propylamine

Concen: 41.091 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

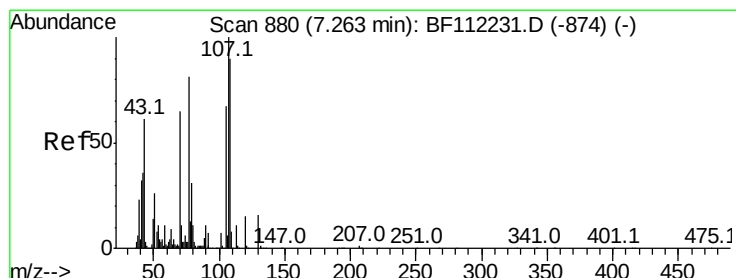
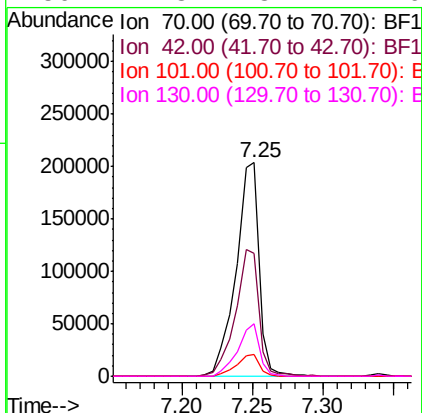
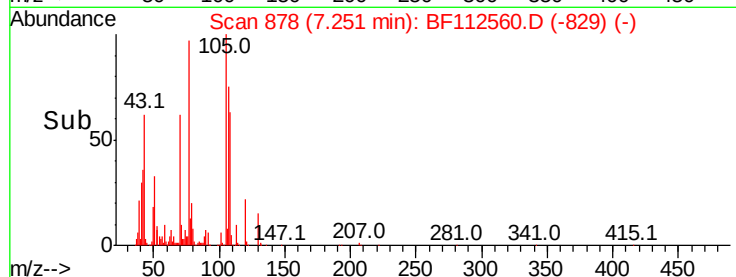
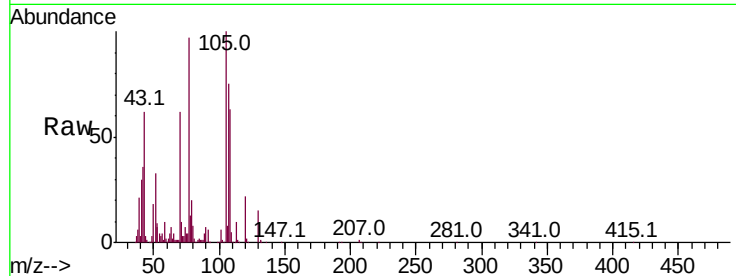
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.4	47.6	71.4	
101	10.4	7.9	11.9	
130	24.8	18.4	27.6	

Manual Integrations
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#20

3+4-Methylphenols

Concen: 42.370 ng

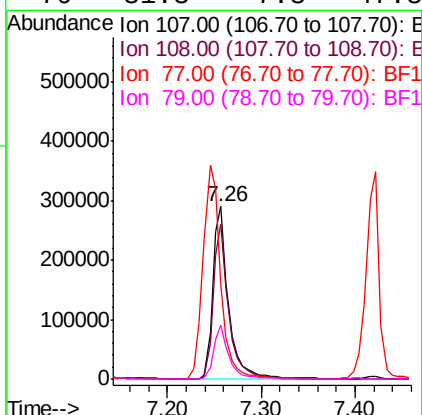
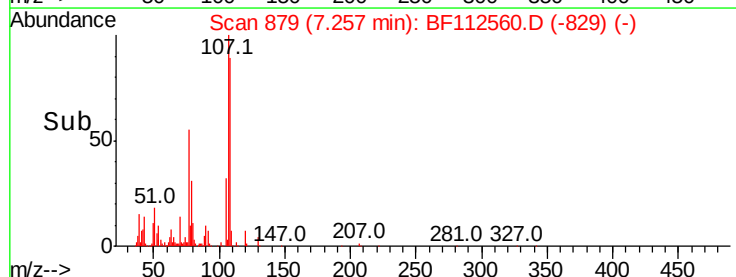
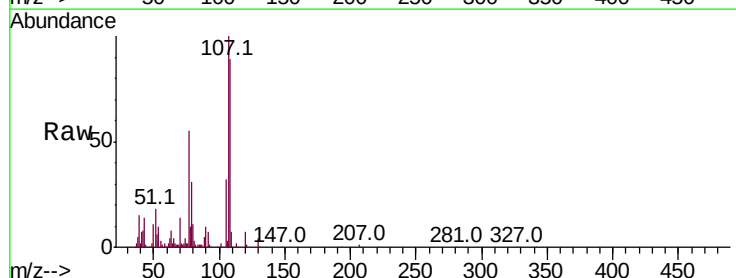
RT: 7.26 min Scan# 879

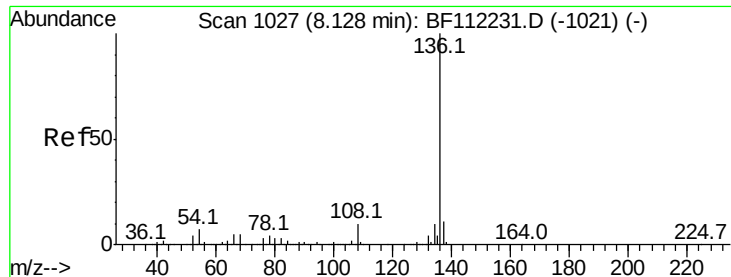
Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	68.2	108.2	
77	54.7	100.7	140.7#	
79	31.3	7.3	47.3	





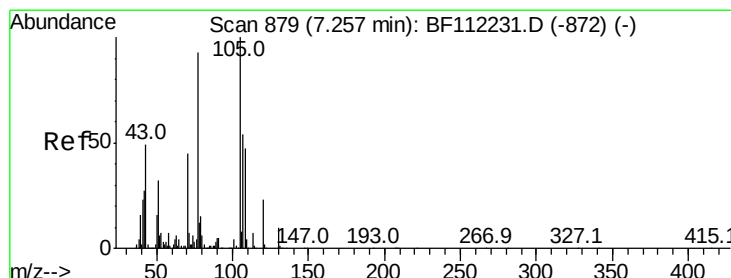
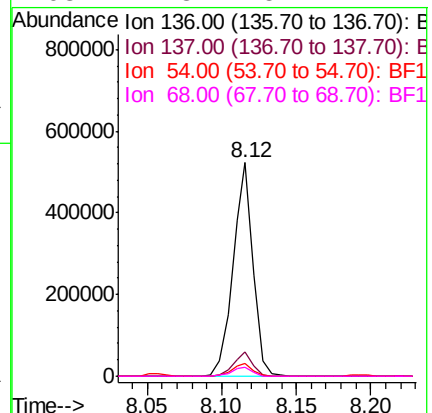
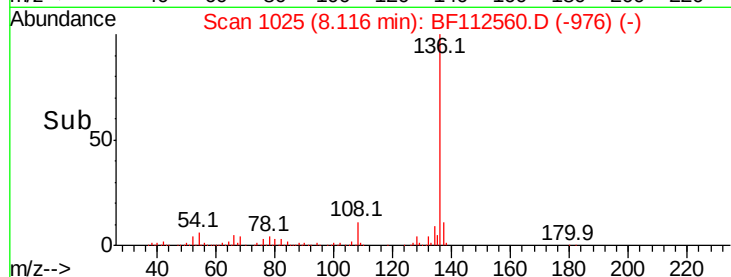
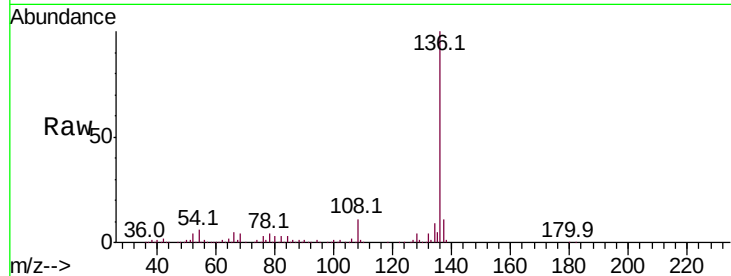
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	492214		
137	11.1	9.1	13.7	
54	6.0	5.9	8.9	
68	4.3	5.1	7.7	

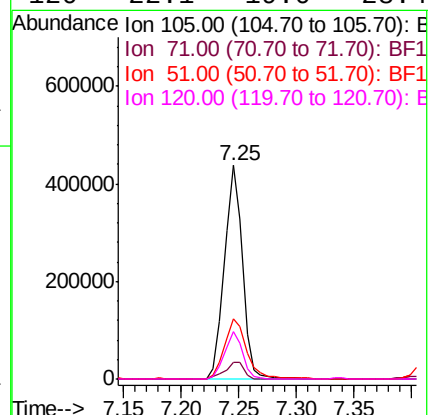
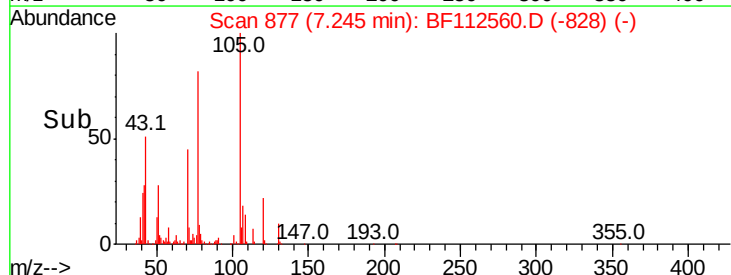
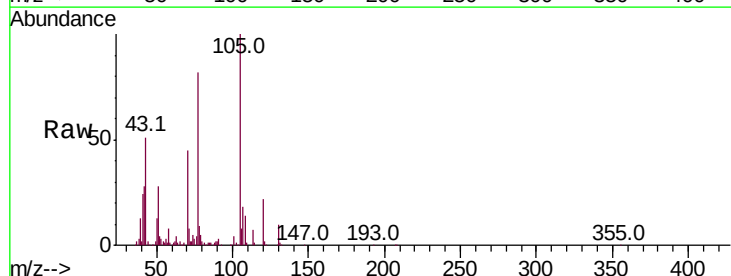
Manual Integrations
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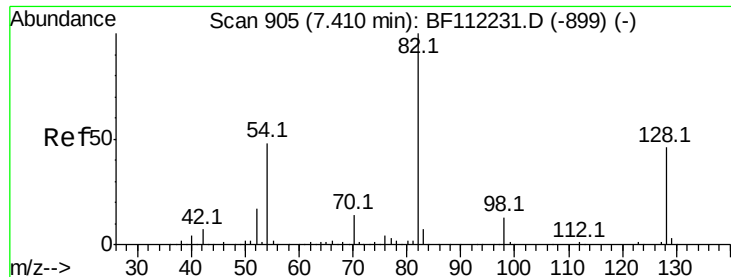
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#22
Acetophenone
Concen: 39.849 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	477610		
71	7.8	4.6	6.8	
51	28.2	25.0	37.6	
120	22.1	19.0	28.4	





#23

Nitrobenzene-d5

Concen: 79.835 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

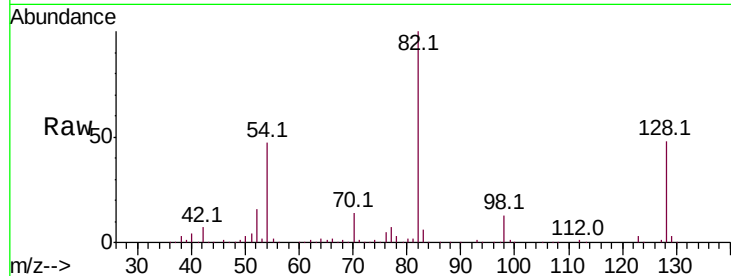
ClientSampleId :

SSTDCCC040

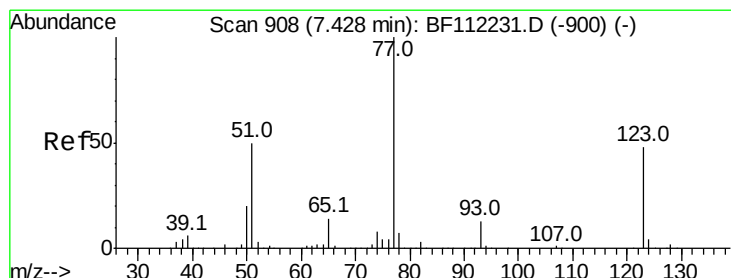
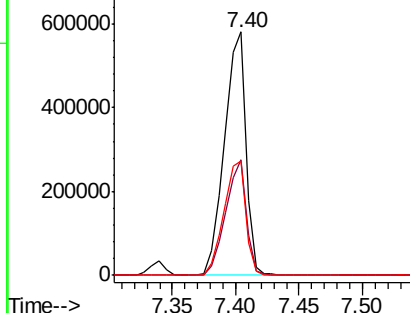
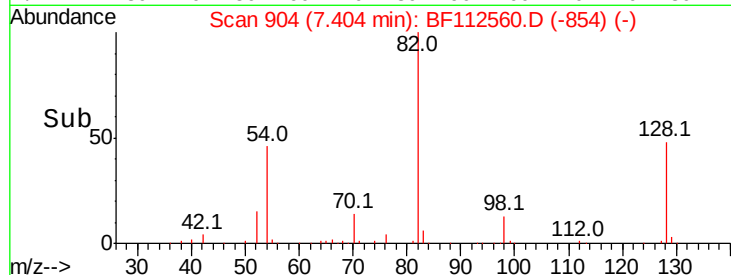
Tot Ion:	82	Resp:	681985
Ion Ratio	Lower	Upper	
82	100		
128	47.7	37.8	56.8
54	46.8	39.7	59.5

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



#24

Nitrobenzene

Concen: 39.412 ng

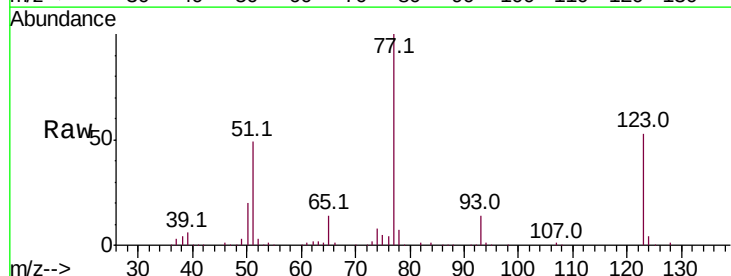
RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

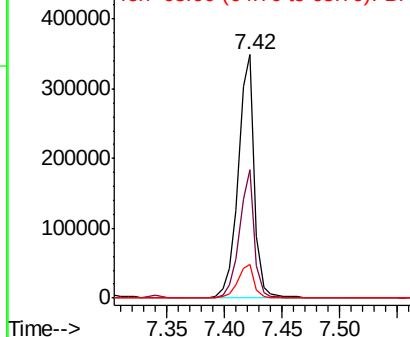
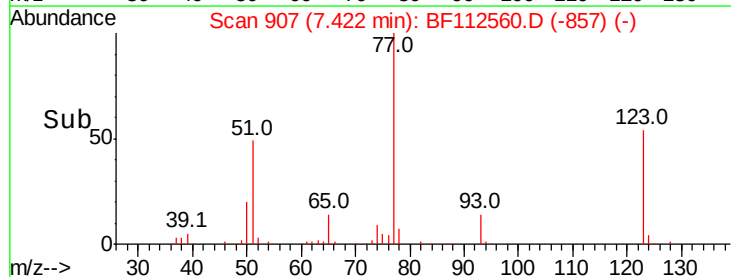
Lab File: BF112560.D

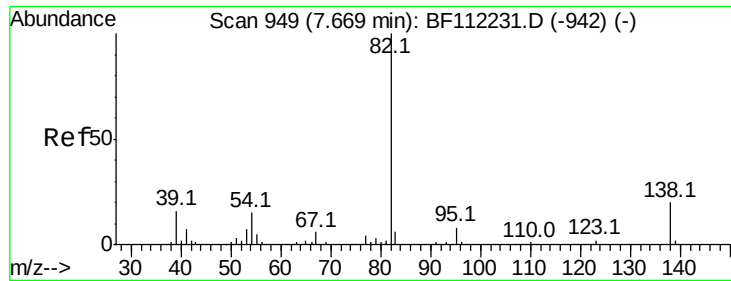
Acq: 14 Feb 2019 11:23

Tgt Ion:	77	Resp:	336237
Ion Ratio	Lower	Upper	
77	100		
123	52.9	38.4	57.6
65	14.1	10.6	15.8



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





#25

Isophorone

Concen: 40.218 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

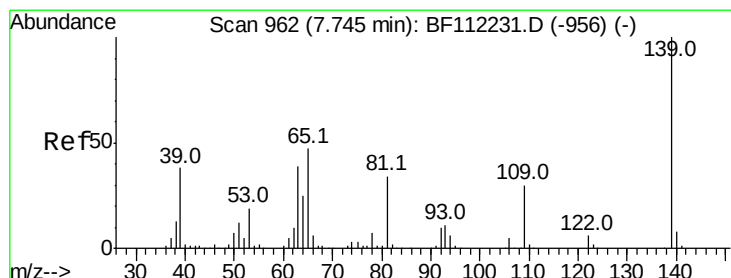
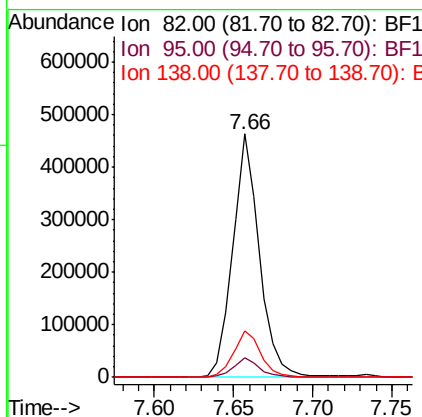
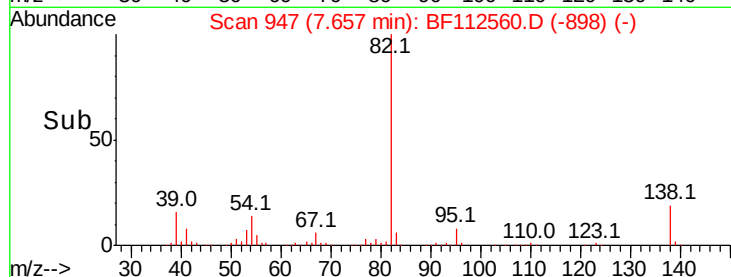
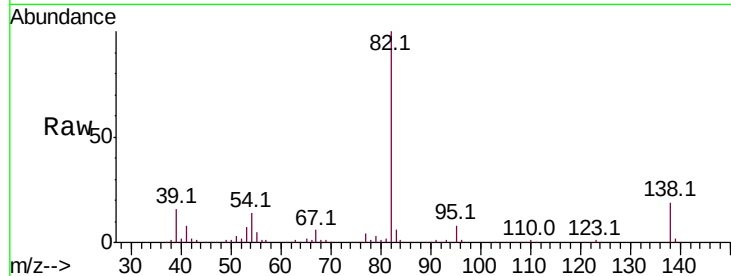
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	538974
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.7	8.5
138	19.3	15.4	23.0

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#26

2-Nitrophenol

Concen: 40.777 ng

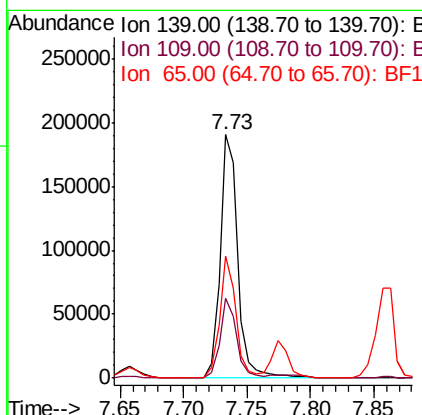
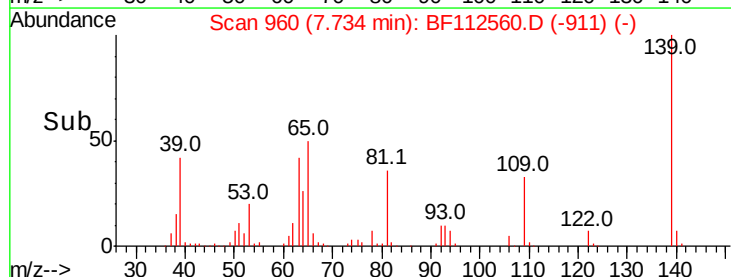
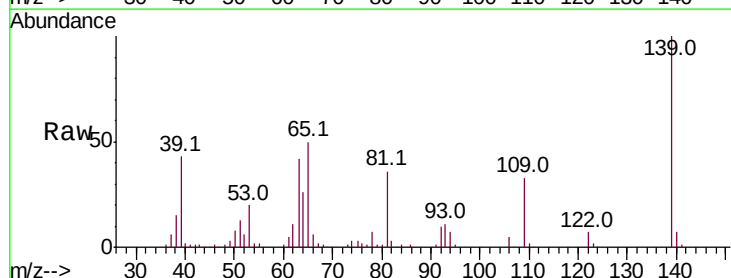
RT: 7.73 min Scan# 960

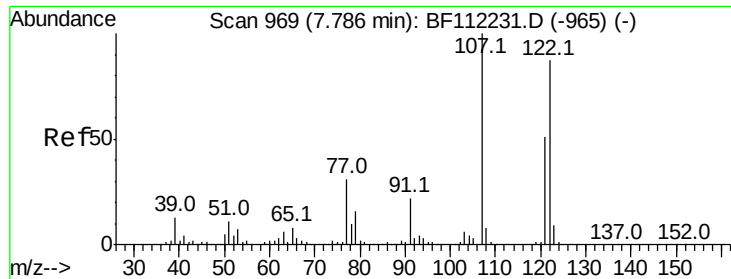
Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Tgt Ion:	139	Resp:	185915
Ion Ratio	Lower	Upper	
139	100		
109	32.6	20.8	31.2#
65	50.3	34.4	51.6





#27

2,4-Dimethylphenol

Concen: 39.686 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

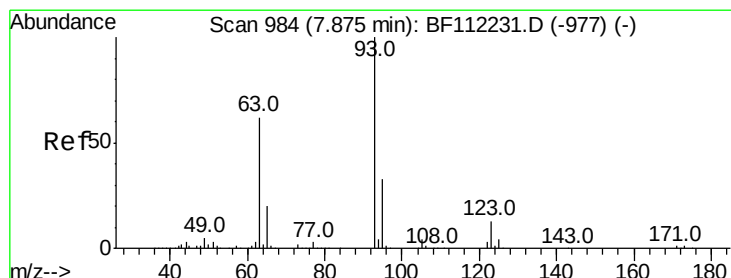
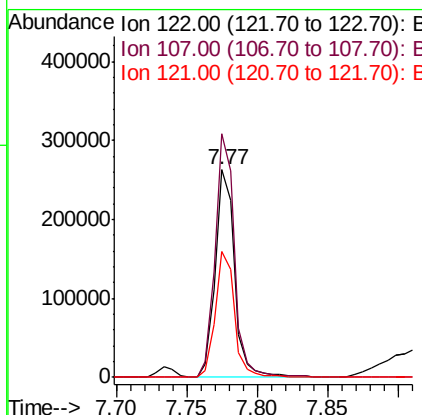
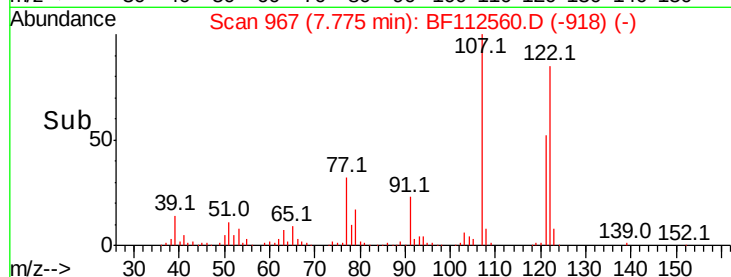
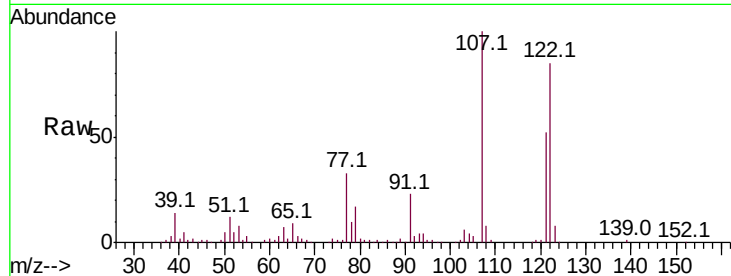
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	249293
Ion Ratio	Lower	Upper	
122	100		
107	117.4	85.4	128.0
121	60.7	47.0	70.4

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2/15/2019 4:52:54 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.564 ng

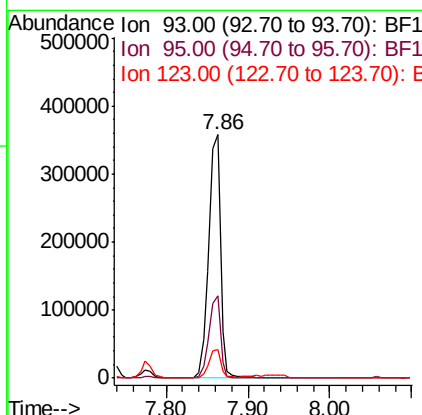
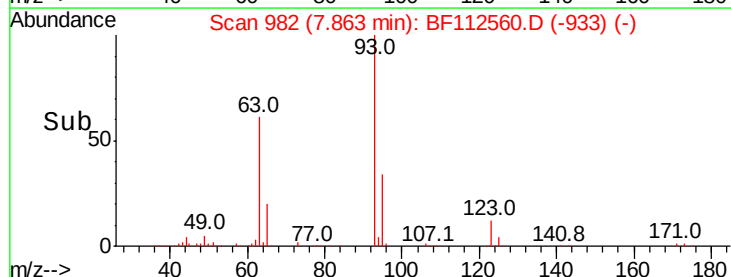
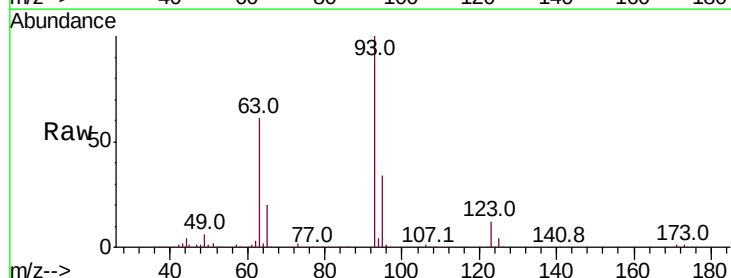
RT: 7.86 min Scan# 982

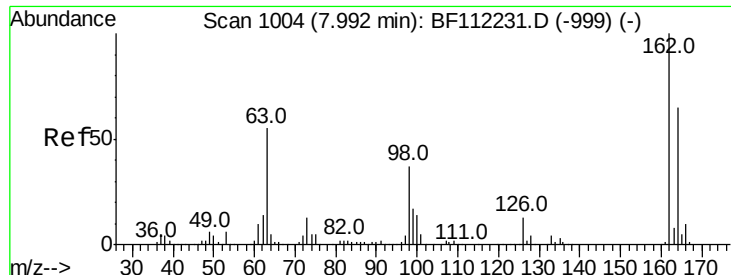
Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Tgt Ion:	93	Resp:	361023
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.8	40.2
123	12.0	10.2	15.2





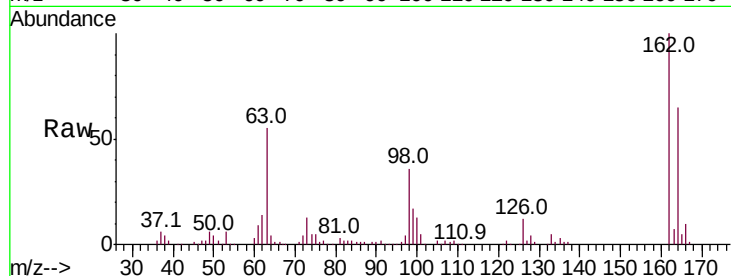
#29
2,4-Dichlorophenol
Concen: 40.929 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

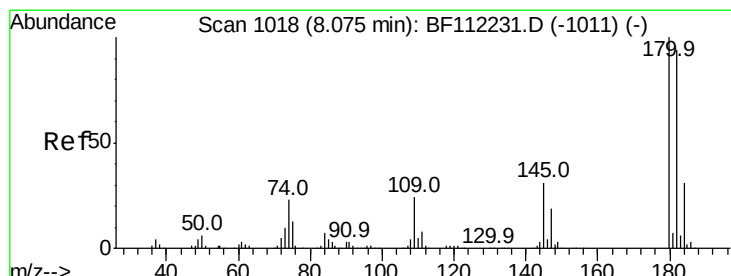
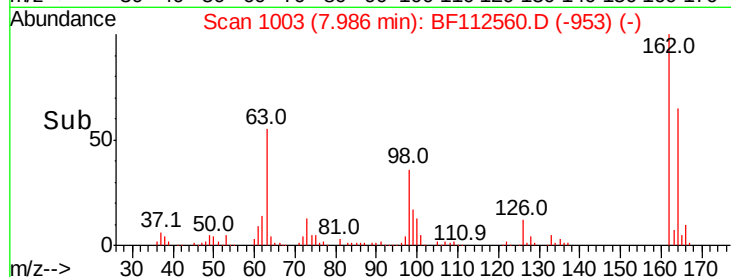
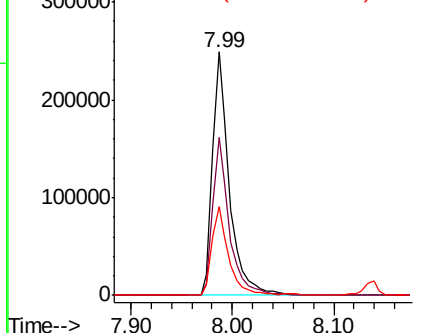
Tot Ion	Ratio	Resp	Lower	Upper
162	100	287713		
164	64.8		44.6	84.6
98	36.5		14.6	54.6

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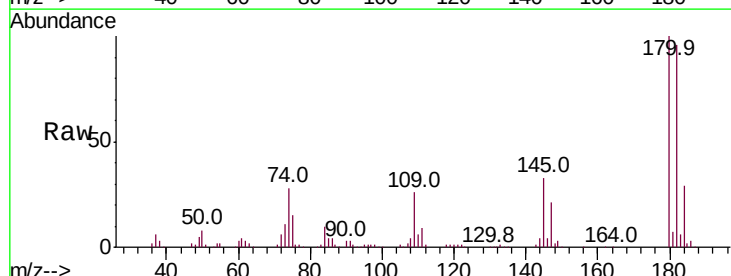


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

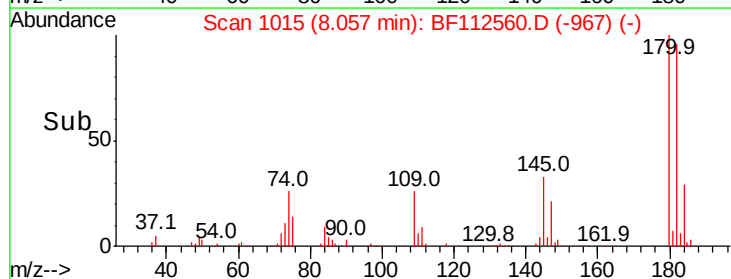
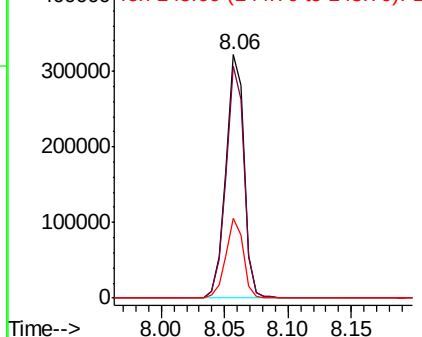


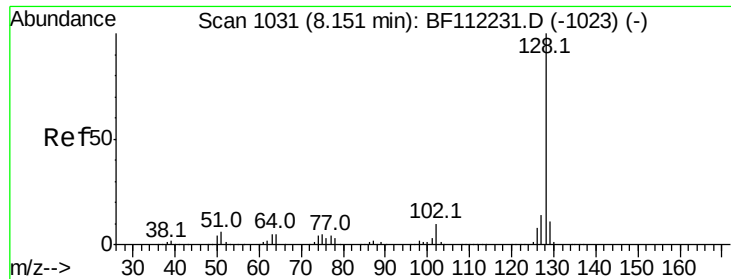
#30
1,2,4-Trichlorobenzene
Concen: 39.428 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	318595		
182	95.6		76.4	114.6
145	32.6		25.0	37.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





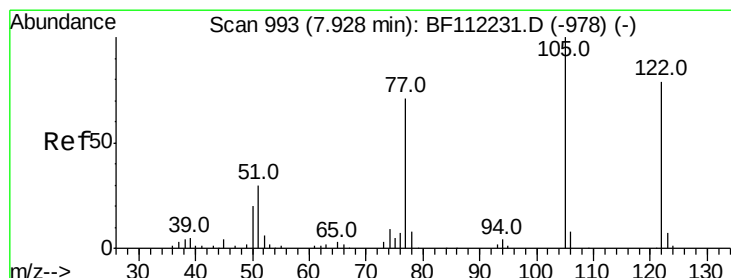
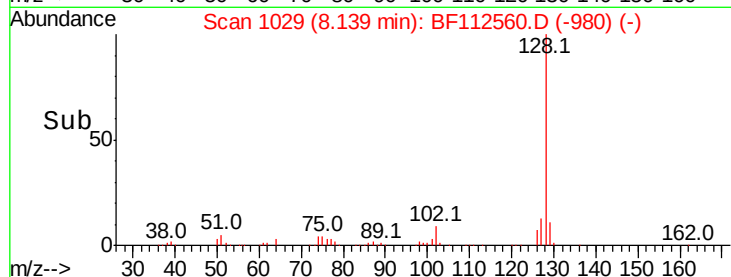
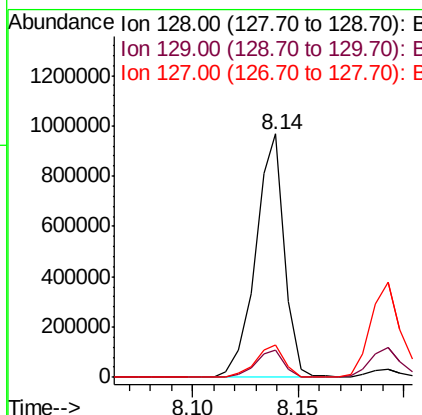
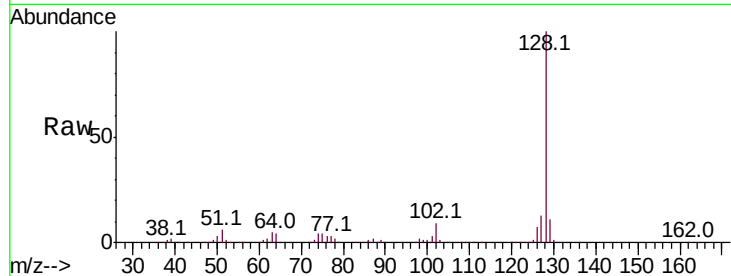
#31
Naphthalene
Concen: 39.780 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	13.4	11.1	16.7

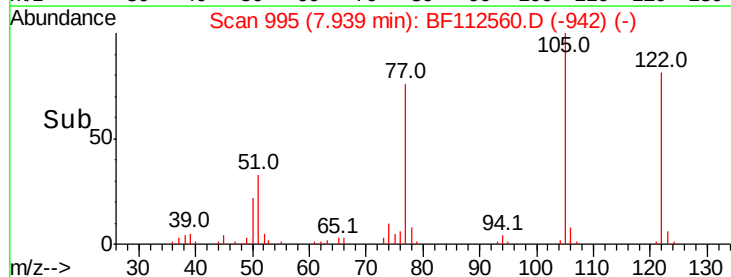
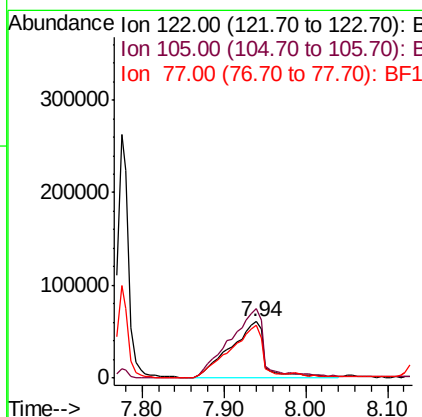
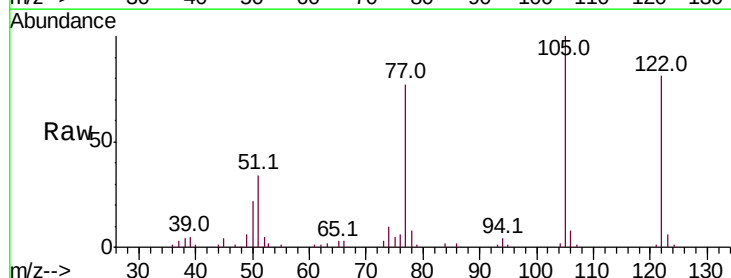
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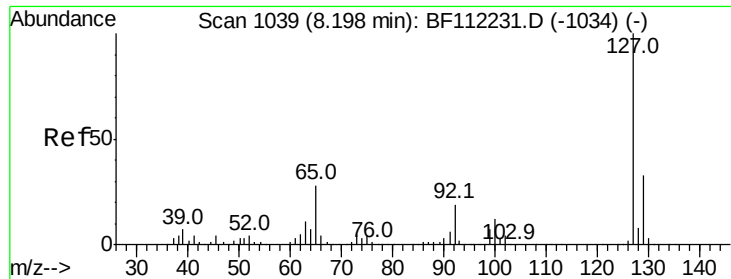
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2/15/2019 4:52:54 PM



#32
Benzoic acid
Concen: 49.444 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	101.2	141.2
77	94.8	70.4	110.4





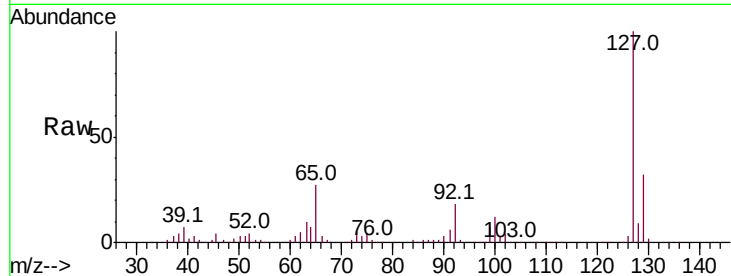
#33
4-Chloroaniline
Concen: 40.031 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	39.8
65	26.8	21.4	32.2
92	17.9	14.2	21.2

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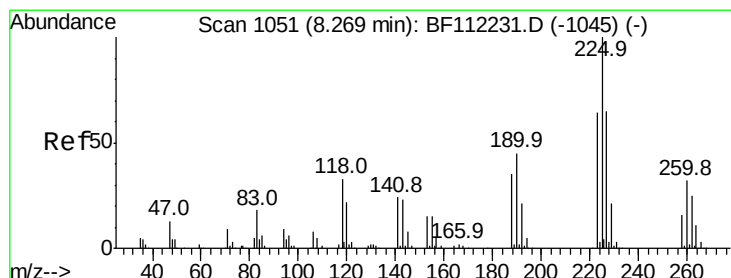
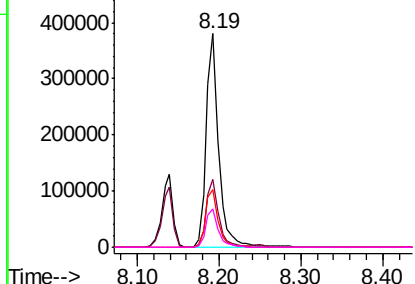
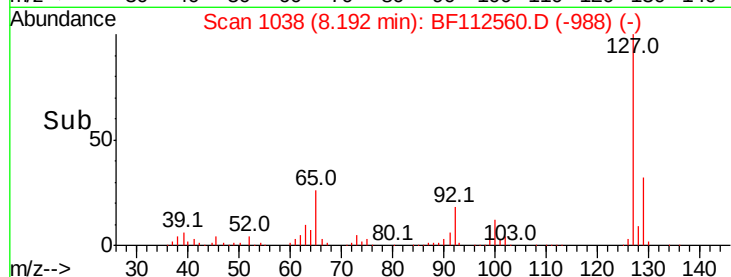
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

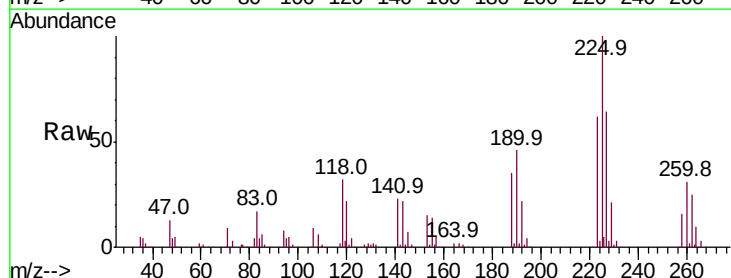
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.774 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.3	75.5
227	64.0	51.8	77.8

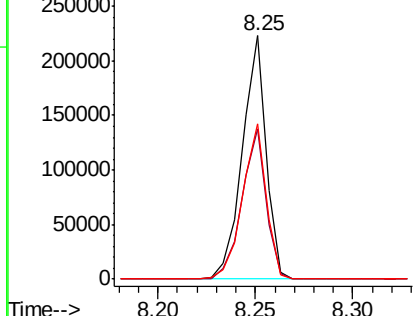
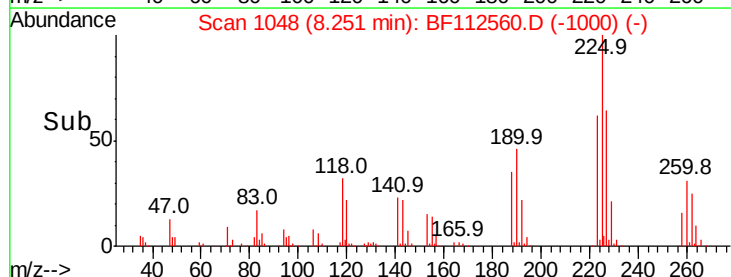


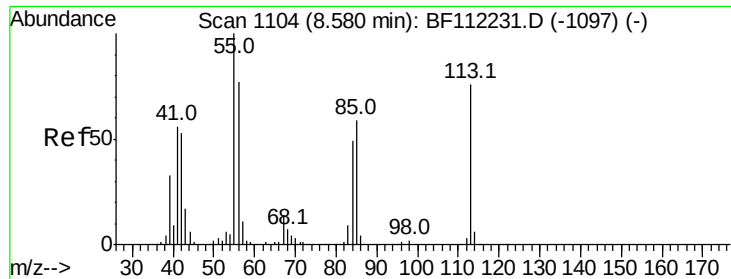
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





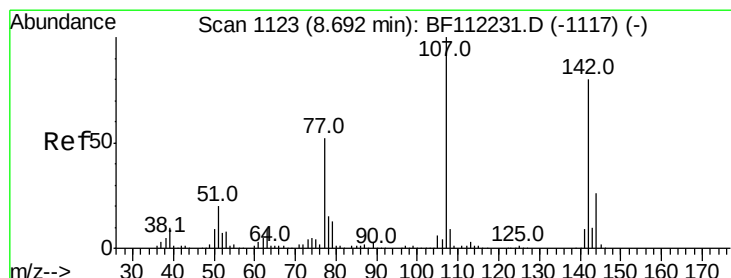
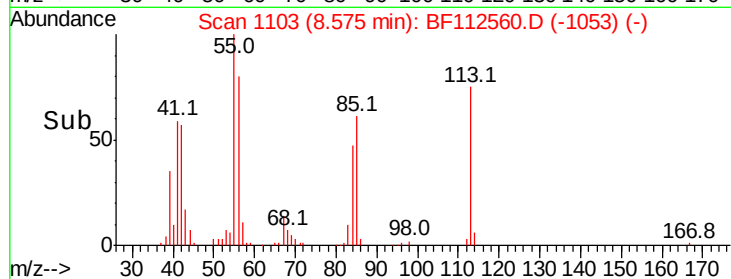
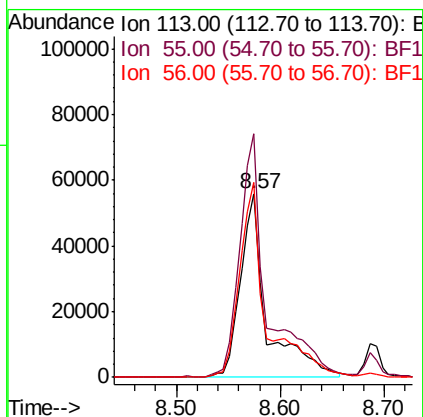
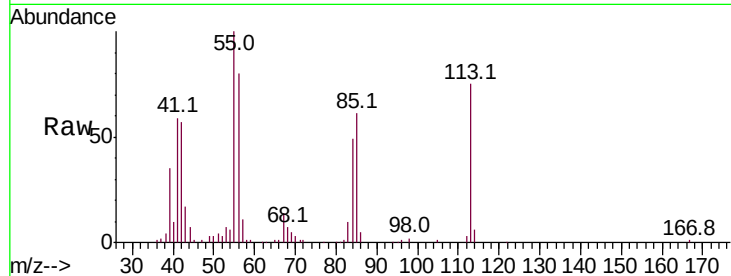
#35
 Caprolactam
 Concen: 39.917 ng/ml
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	132.6	121.6	161.6
56	106.5	86.7	126.7

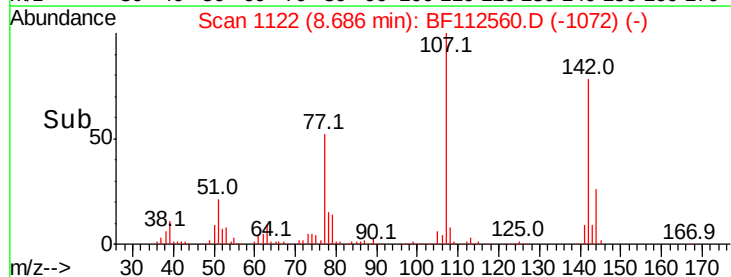
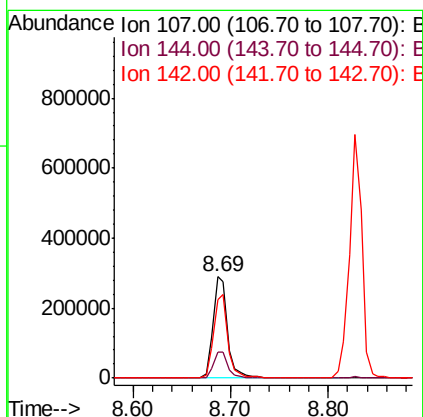
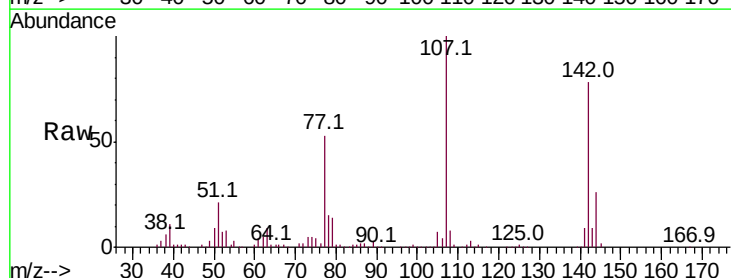
Manual Integrations
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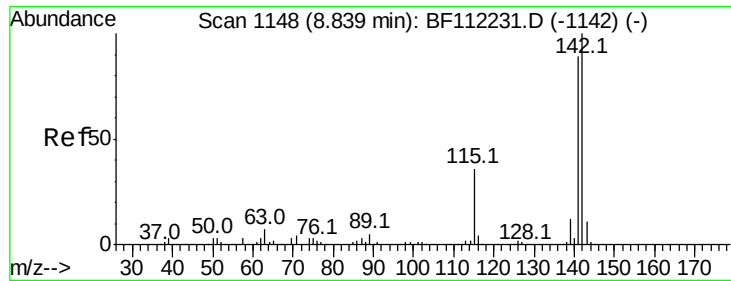
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#36
 4-Chloro-3-methylphenol
 Concen: 39.925 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	22.2	33.2
142	78.1	67.7	101.5





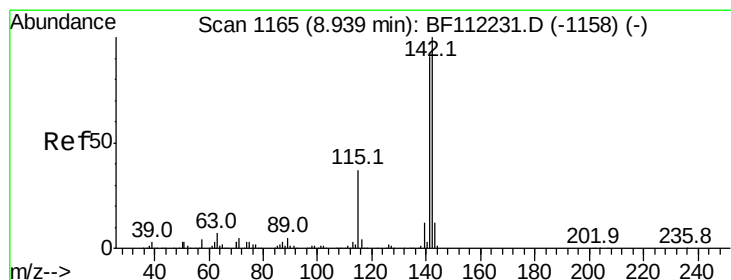
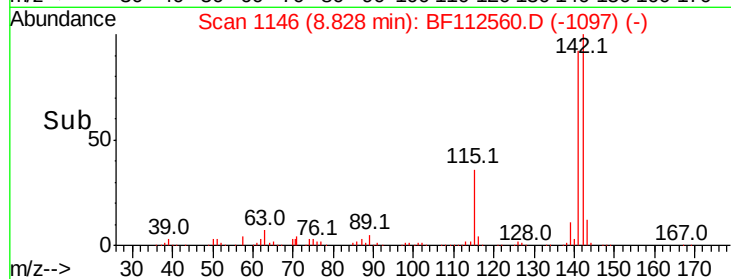
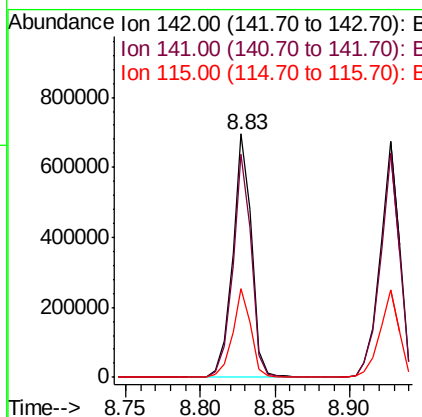
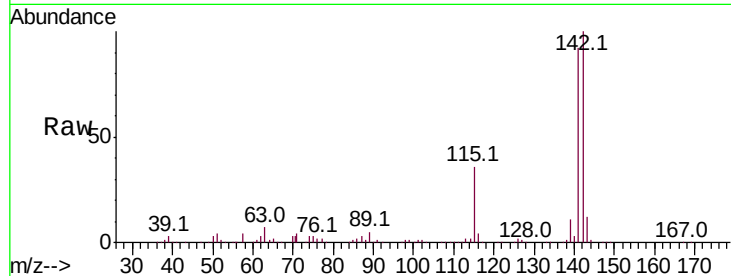
#37
2-Methylnaphthalene
Concen: 39.094 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	616026		
141	91.8	70.9	106.3	
115	36.5	24.9	37.3	

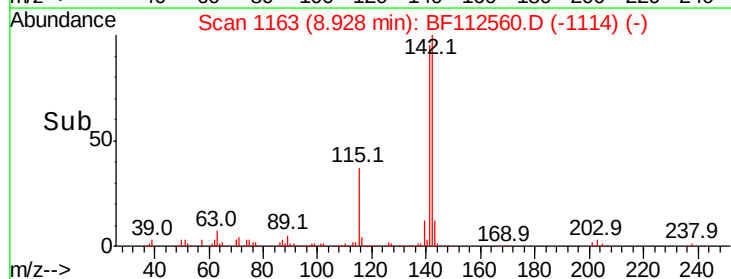
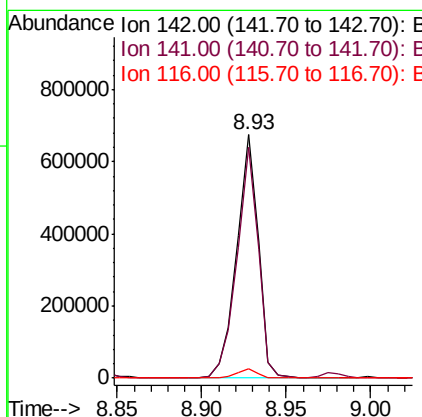
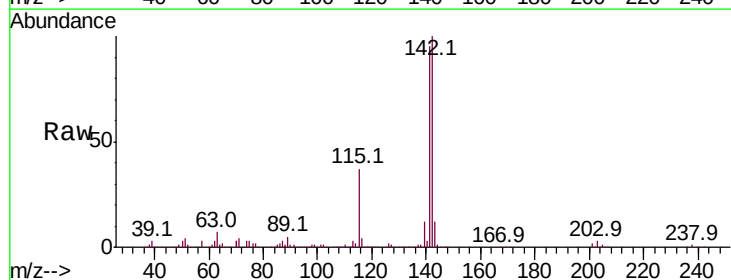
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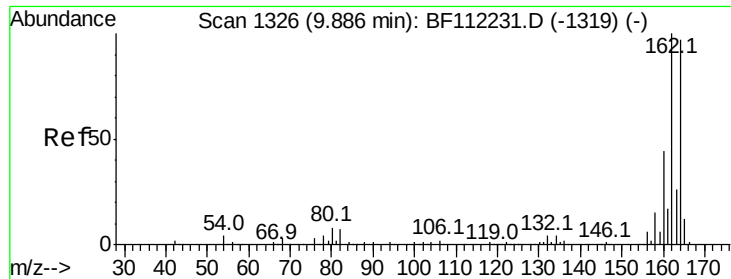
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#38
1-Methylnaphthalene
Concen: 39.390 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	594934		
141	95.0	72.6	108.8	
116	3.8	2.8	4.2	





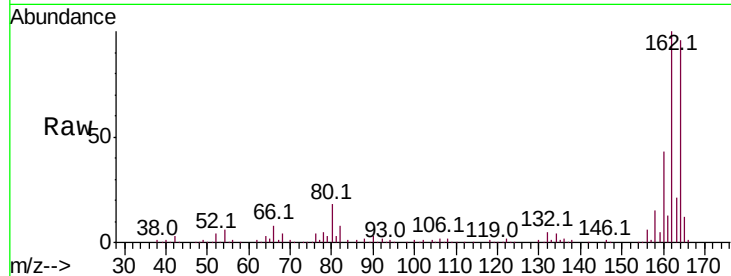
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.3	82.2	123.4	
160	44.9	36.2	54.4	

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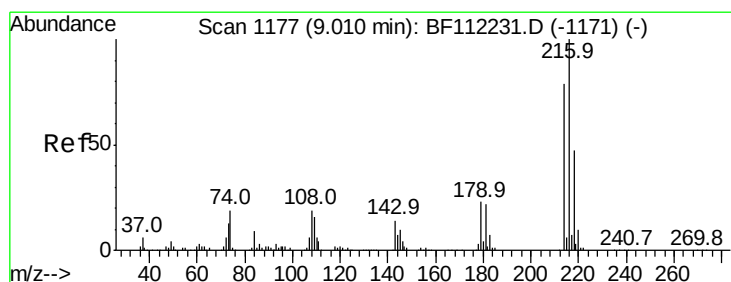
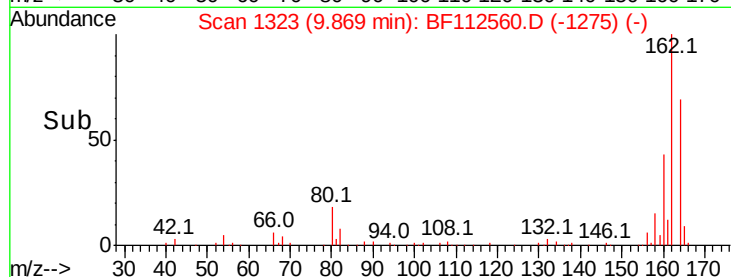
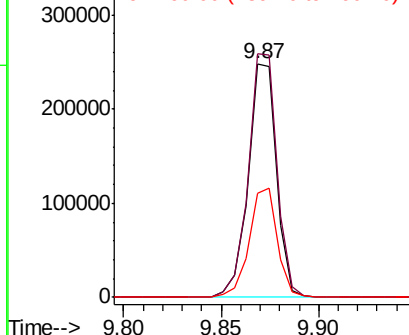


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.427 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	63.8	95.6	
179	22.7	16.9	25.3	
108	19.0	14.2	21.4	

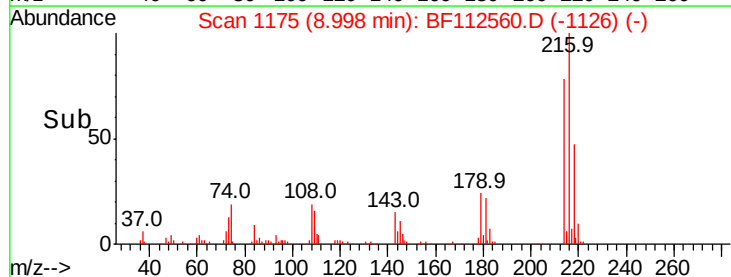
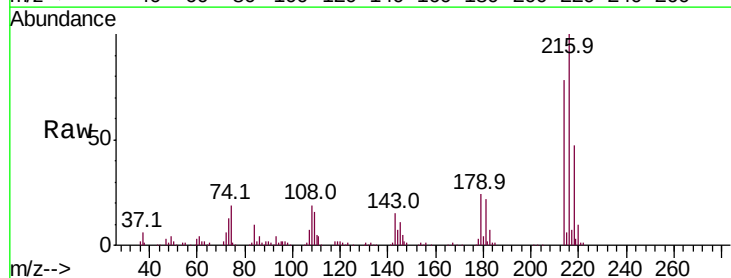
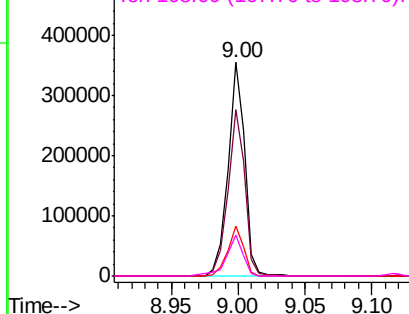
Abundance

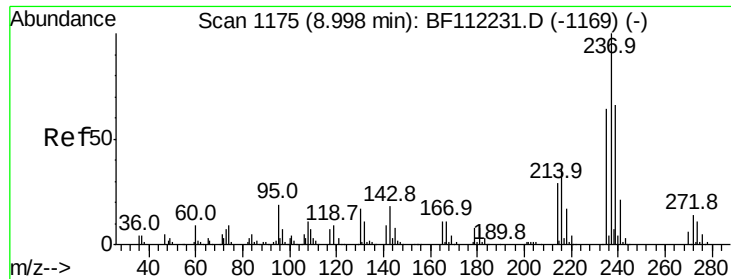
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 34.810 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

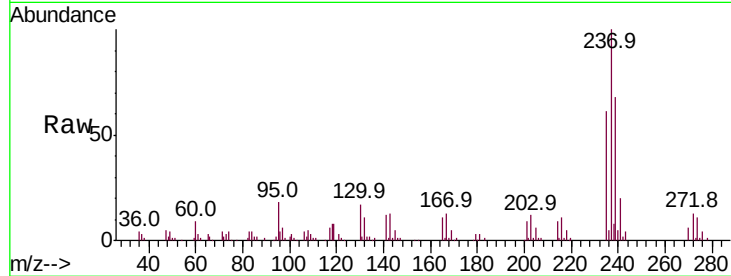
ClientSampled :

SSTDCCC040

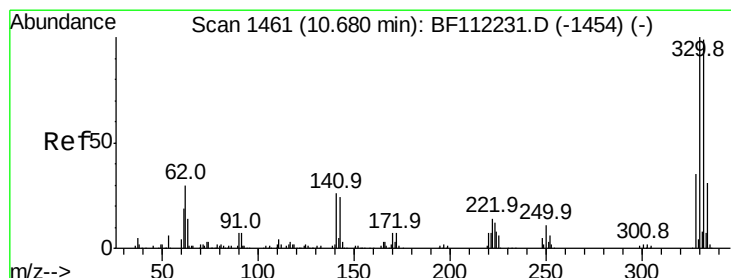
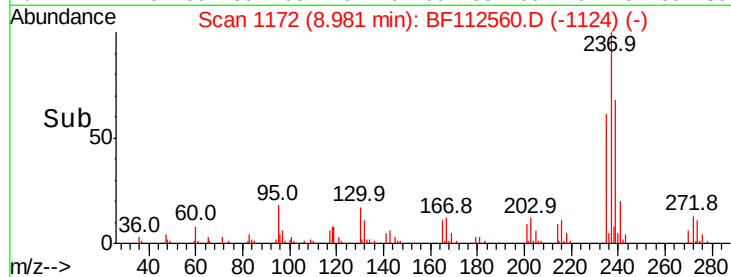
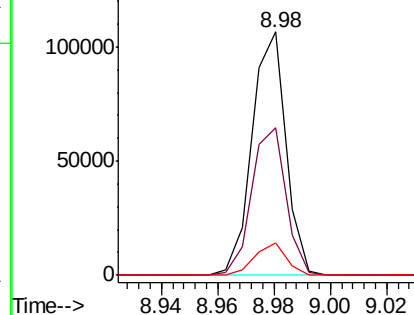
Tot Ion:	237	Resp:	89071
Ion Ratio	Lower	Upper	
237	100		
235	60.9	44.0	84.0
272	13.3	0.0	33.3

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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: 84.215 ng

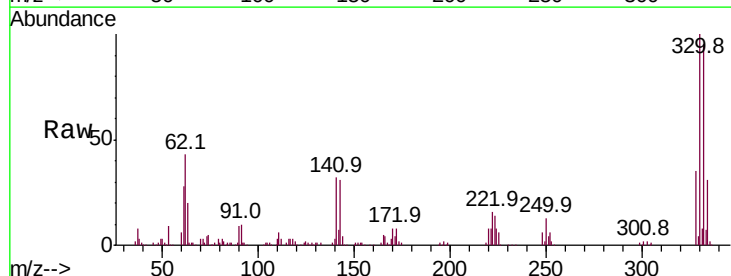
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

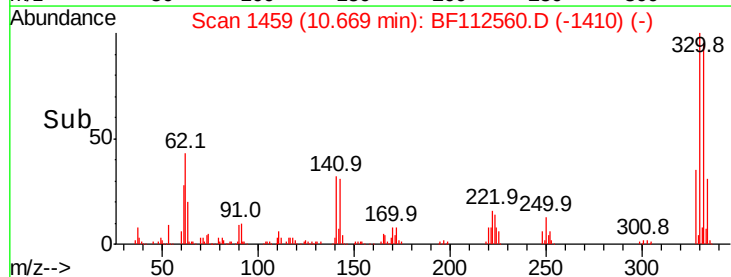
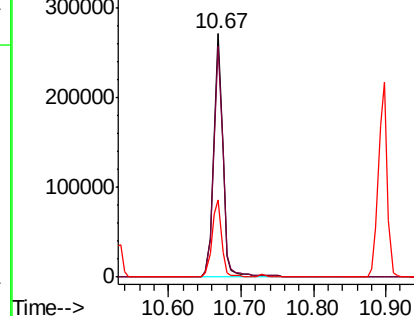
Lab File: BF112560.D

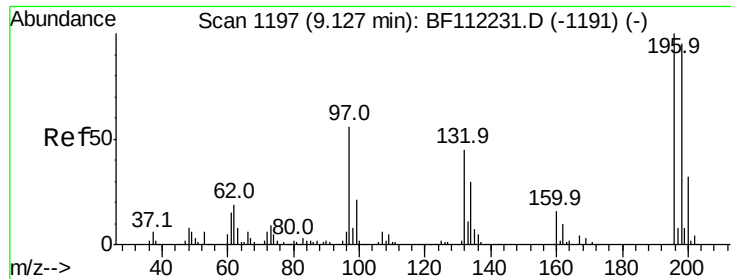
Acq: 14 Feb 2019 11:23

Tgt Ion:	330	Resp:	244325
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.6	114.8
141	33.0	24.3	36.5



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





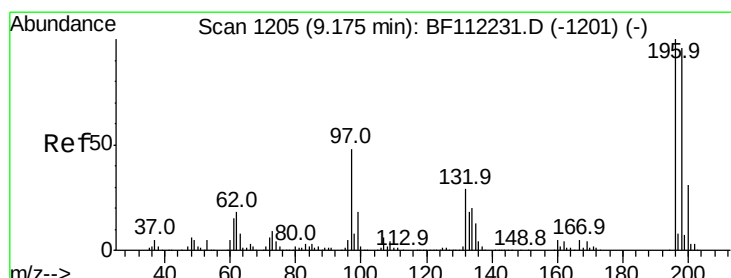
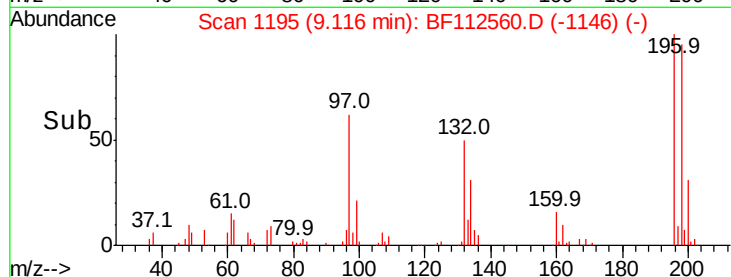
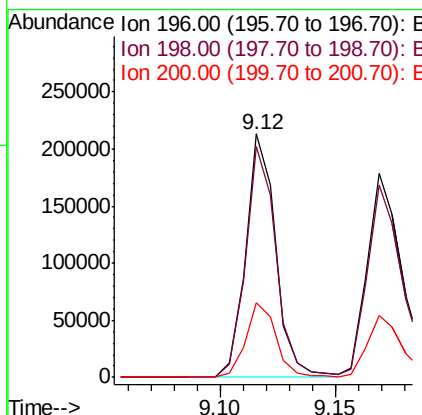
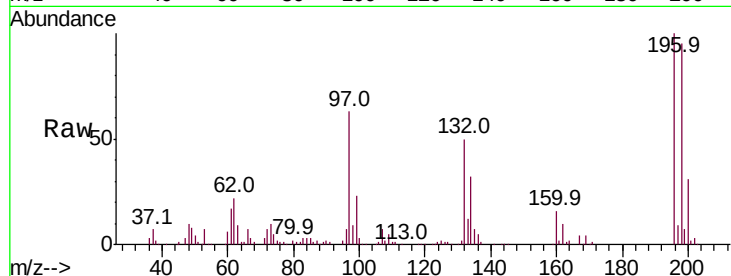
#43
 2,4,6-Trichlorophenol
 Concen: 38.708 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	195268		
198	94.6	76.2	114.4	
200	30.7	24.3	36.5	

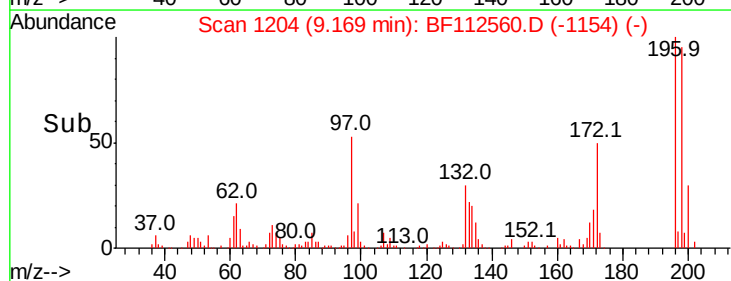
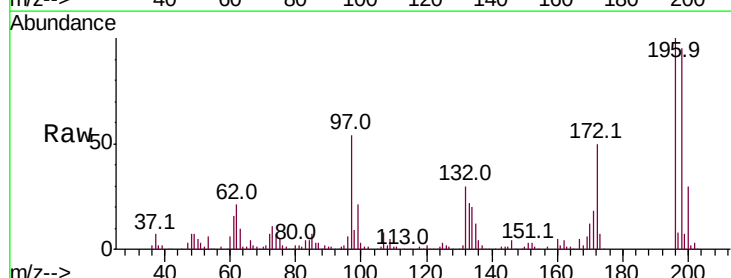
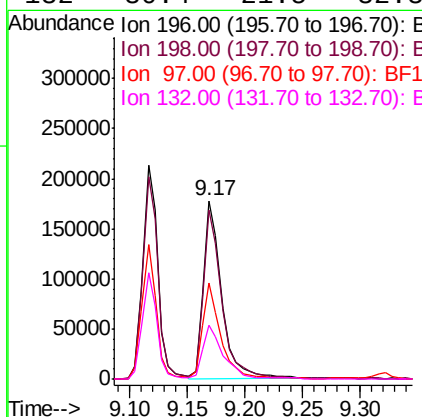
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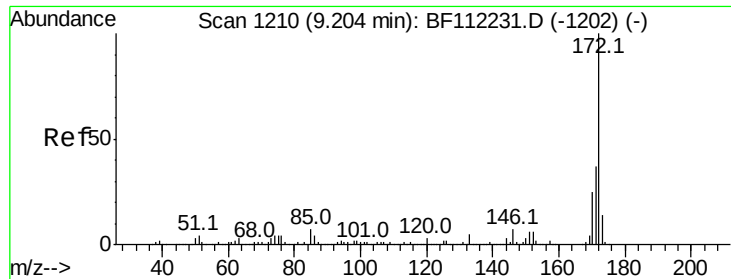
Sohil
 2/15/2019 4:52:54 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.803 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199308		
198	94.7	76.0	114.0	
97	53.5	36.4	54.6	
132	30.4	21.5	32.3	





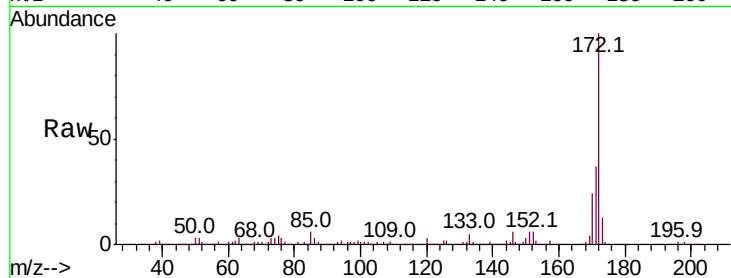
#45
2-Fluorobiphenyl
Concen: 77.790 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

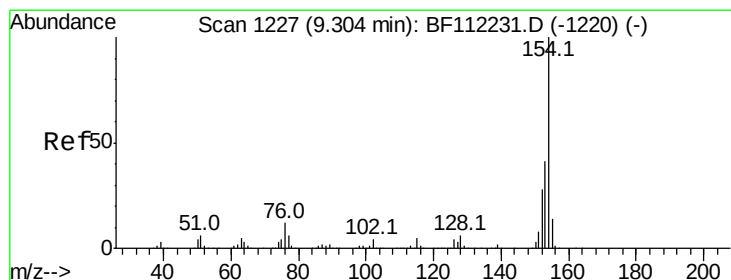
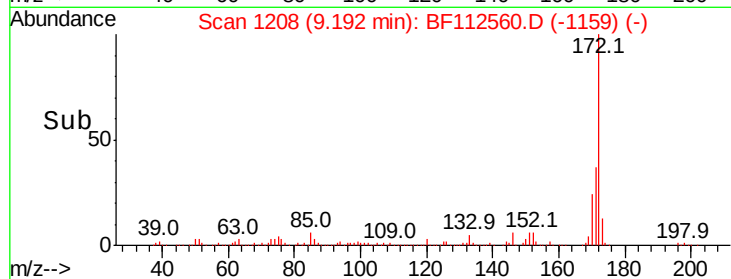
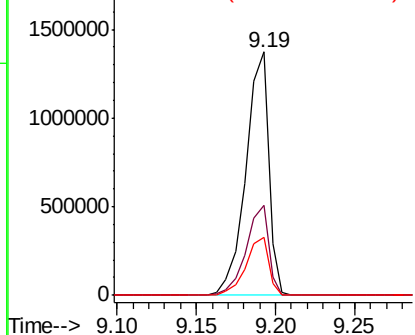
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	24.1	20.2	30.4

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2/15/2019 4:52:54 PM

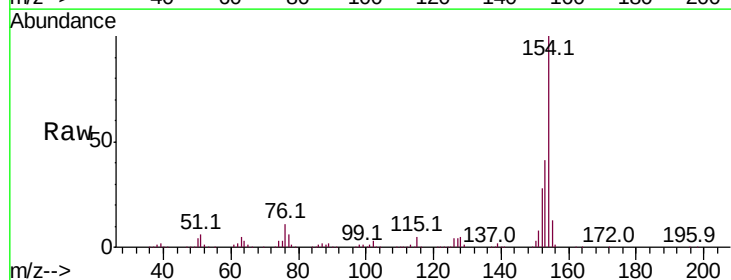


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

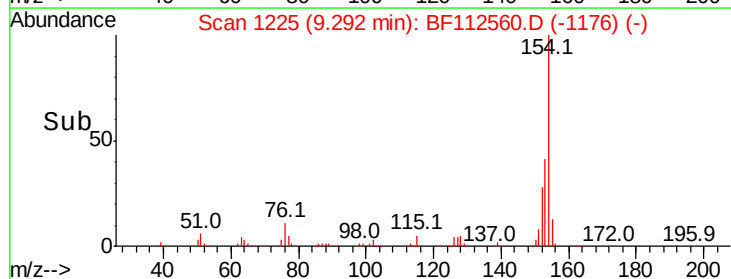
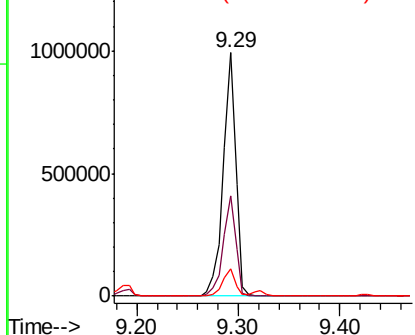


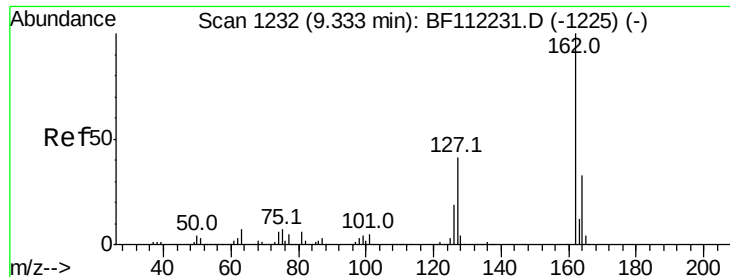
#46
1,1'-Biphenyl
Concen: 39.116 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.5	61.5
76	11.2	0.0	33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





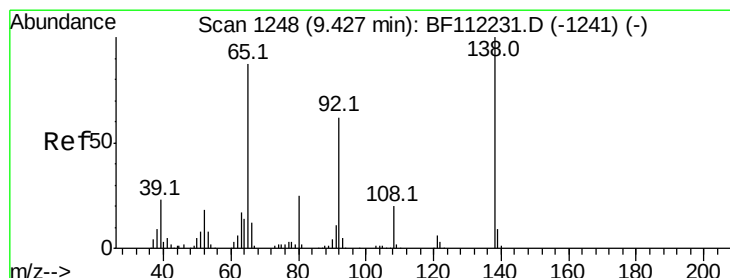
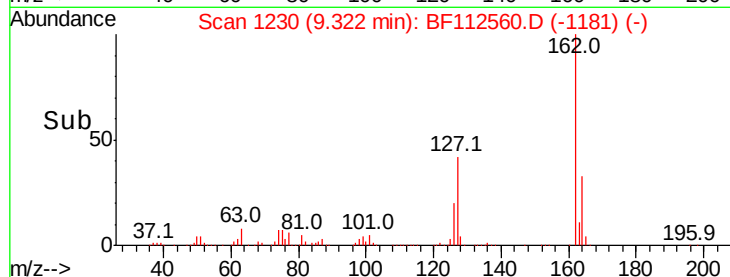
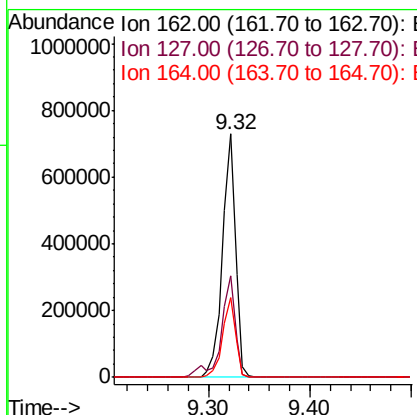
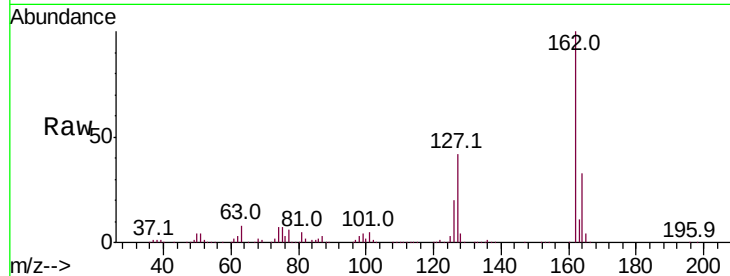
#47
 2-Chloronaphthalene
 Concen: 38.870 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	656818		
127	41.9		30.4	45.6
164	32.9		27.4	41.2

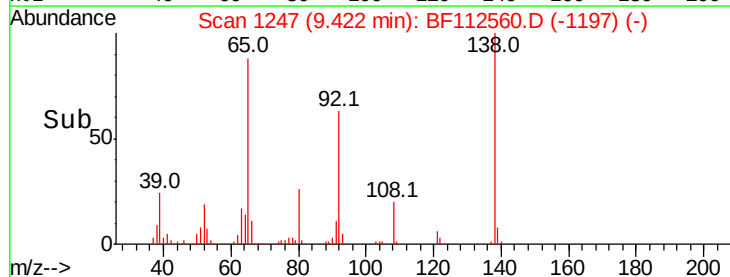
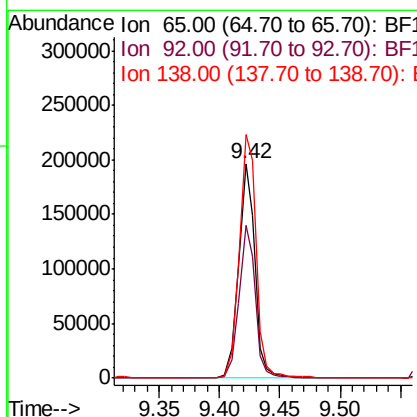
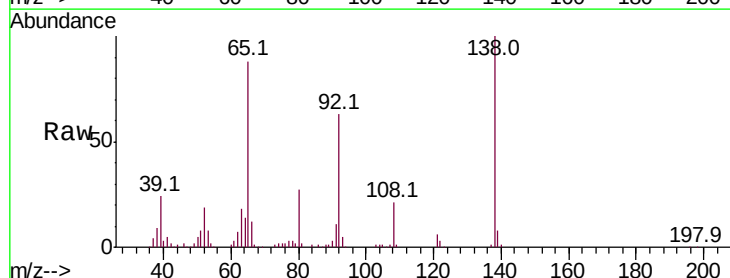
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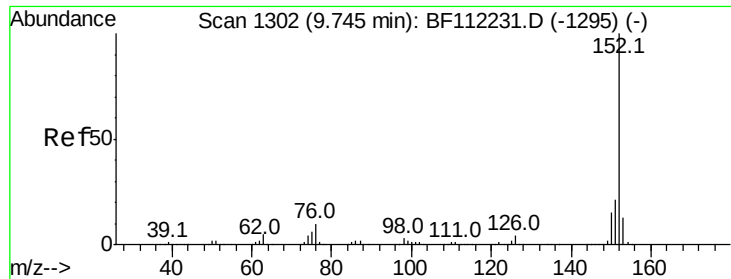
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#48
 2-Nitroaniline
 Concen: 40.563 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	186821		
92	71.0		60.4	90.6
138	113.5		104.4	156.6





#49

Acenaphthylene

Concen: 38.806 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

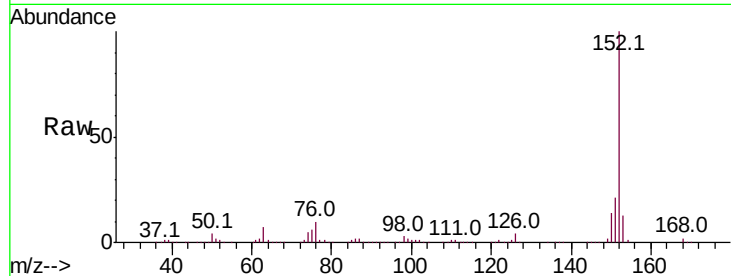
ClientSampleId :

SSTDCCC040

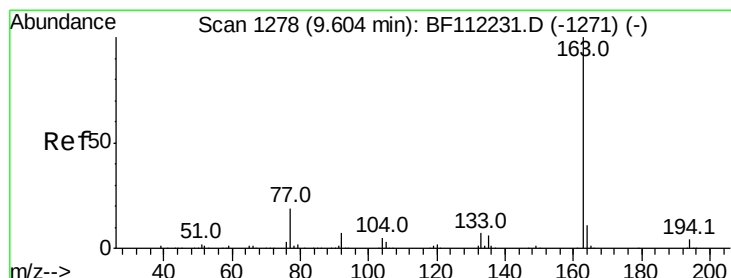
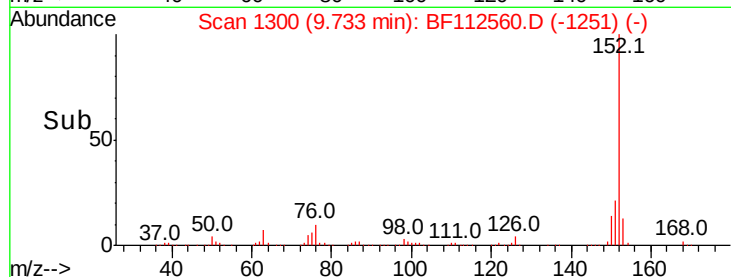
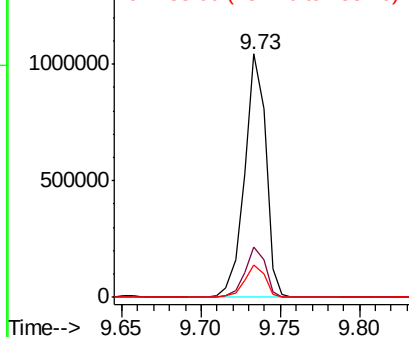
Tot Ion	Ratio	Resp	Lower	Upper
152	100	961125		
151	20.5		17.0	25.6
153	13.4		11.2	16.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.683 ng

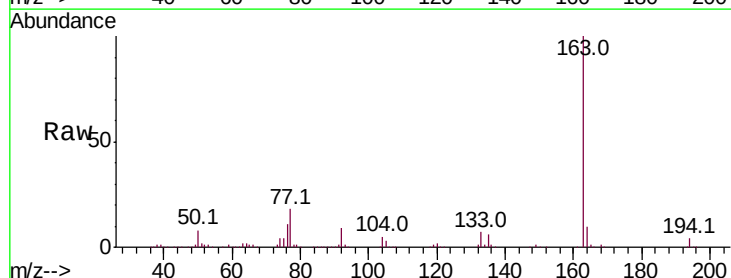
RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

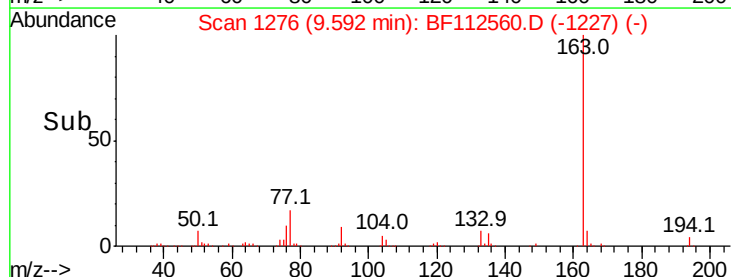
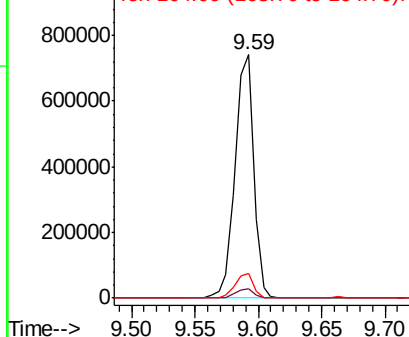
Lab File: BF112560.D

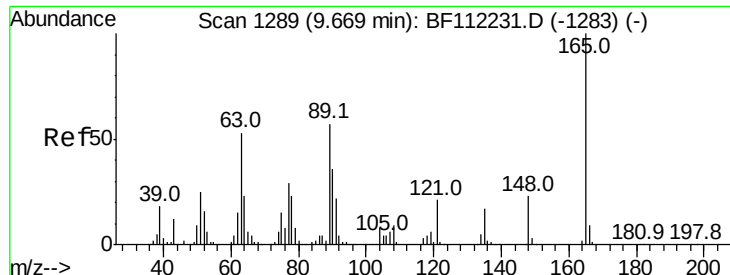
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	749115		
194	3.8		3.3	4.9
164	10.1		8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





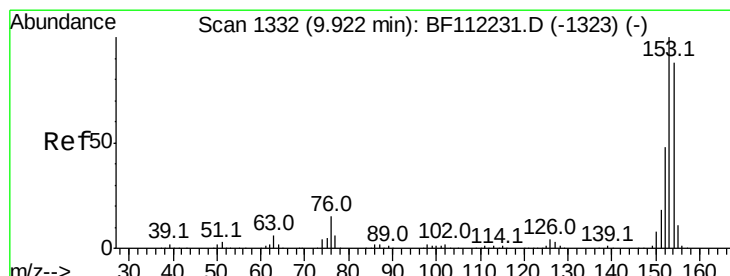
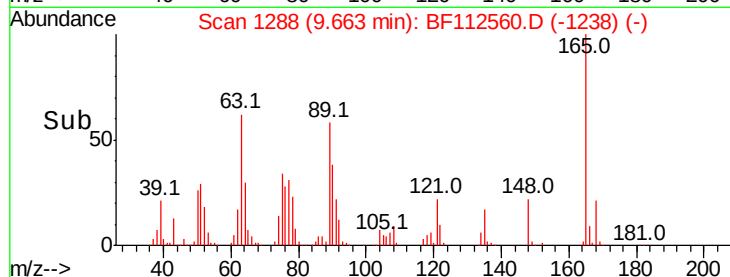
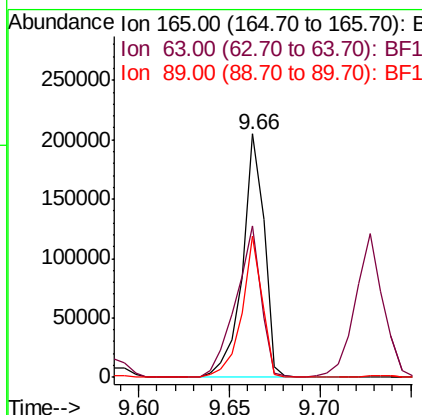
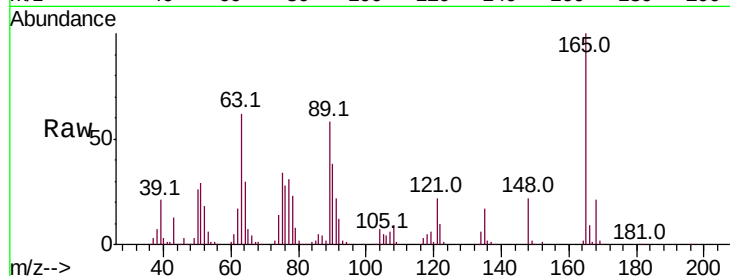
#51
2,6-Dinitrotoluene
Concen: 39.138 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	62.0	33.8	50.8#
89	57.8	36.9	55.3#

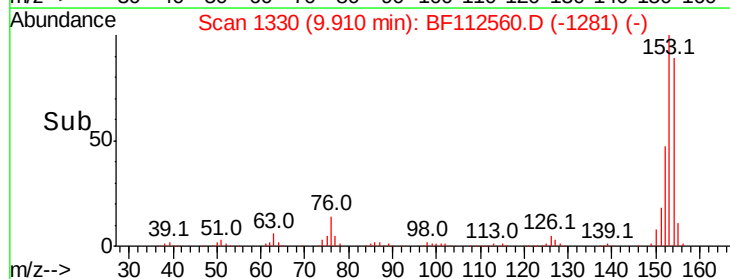
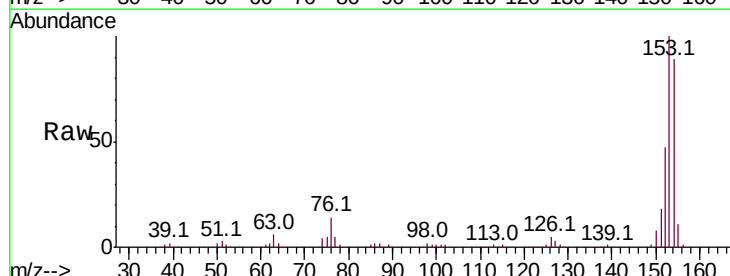
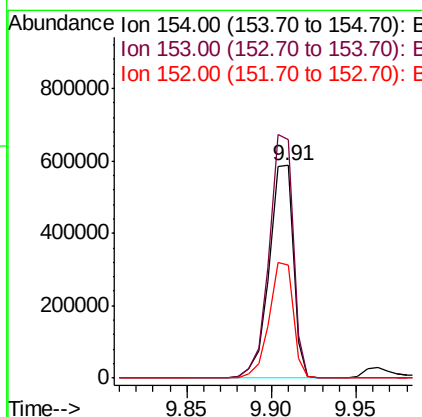
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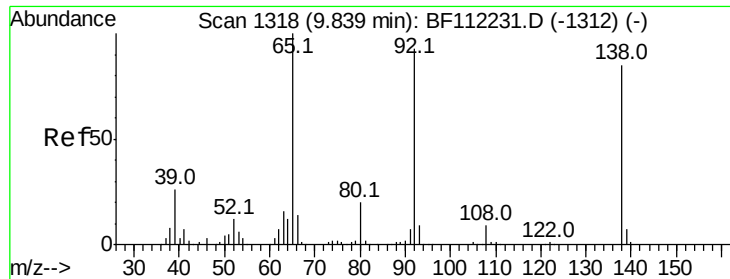
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2/15/2019 4:52:54 PM



#52
Acenaphthene
Concen: 39.534 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.4	89.8	134.6
152	53.2	43.5	65.3





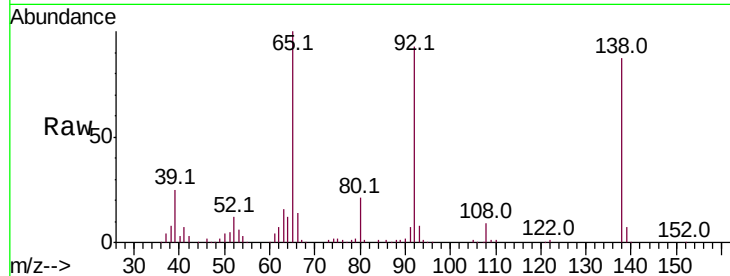
#53
3-Nitroaniline
Concen: 40.179 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.8	14.6
92	106.3	79.4	119.2

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2/15/2019 4:52:54 PM

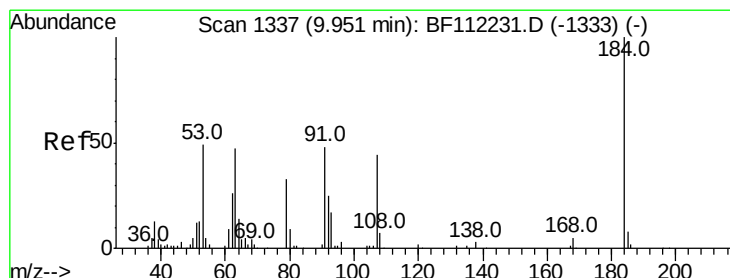
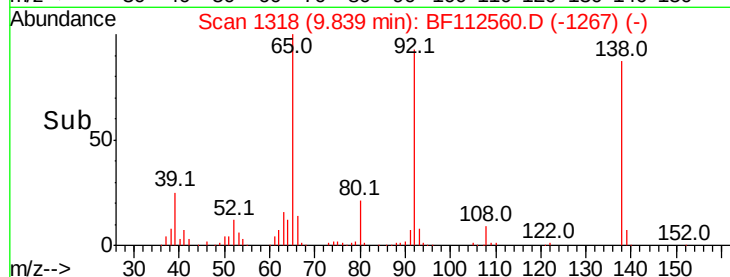
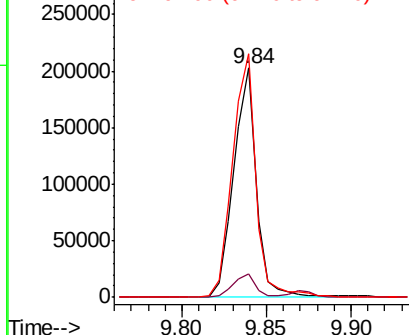


Abundance

Ion 138.00 (137.70 to 138.70): E

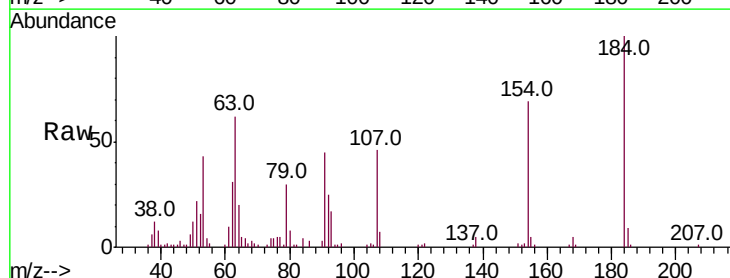
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 45.546 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.6	47.1	70.7
154	69.1	48.9	73.3

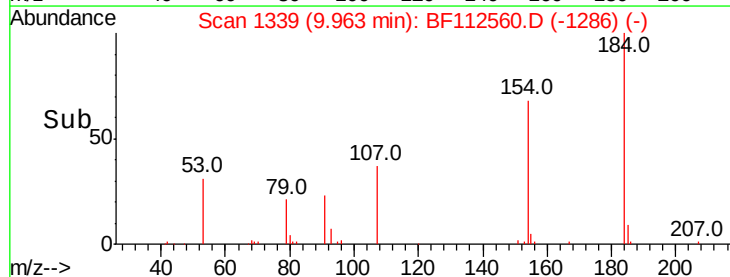
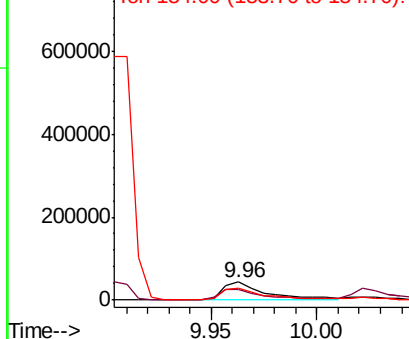


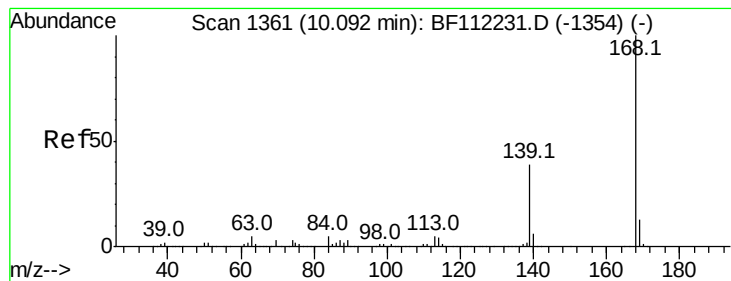
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.688 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:168 Resp: 874705

Ion Ratio Lower Upper

168 100

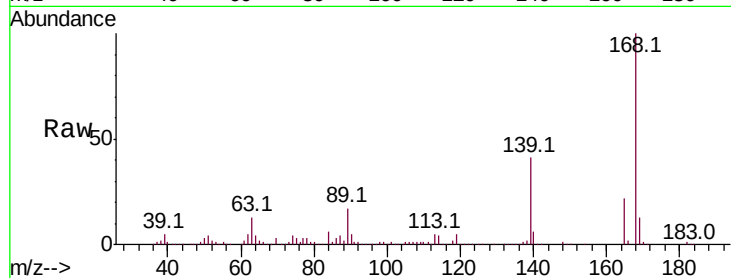
139 40.9 29.2 43.8

169 13.4 11.4 17.0

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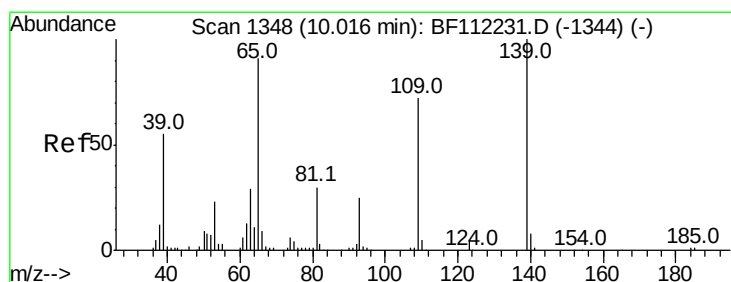
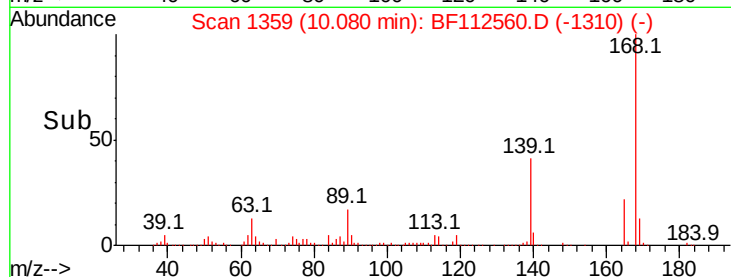
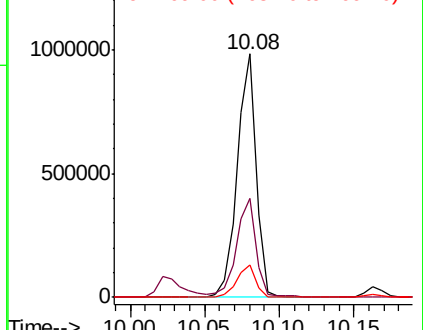
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 41.649 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

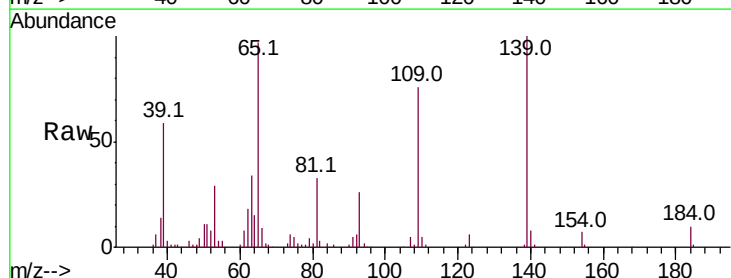
Tgt Ion:139 Resp: 103463

Ion Ratio Lower Upper

139 100

109 76.4 42.8 82.8

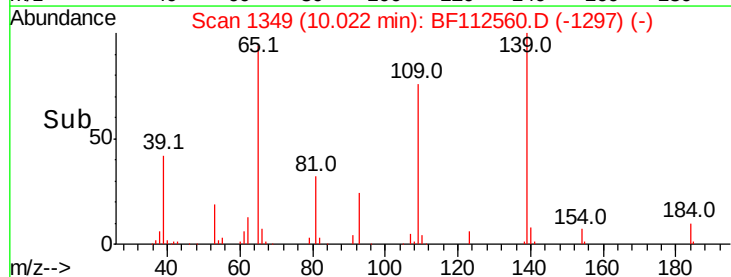
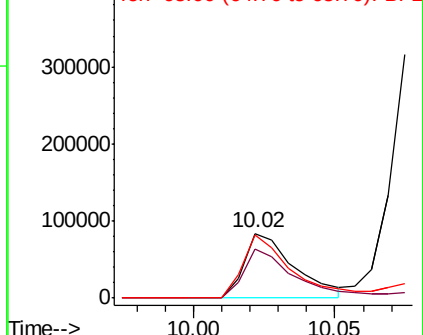
65 96.6 66.1 106.1

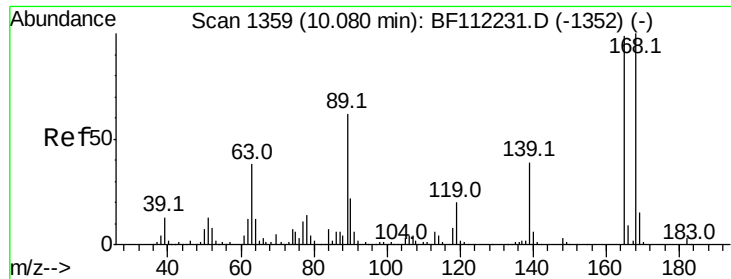


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





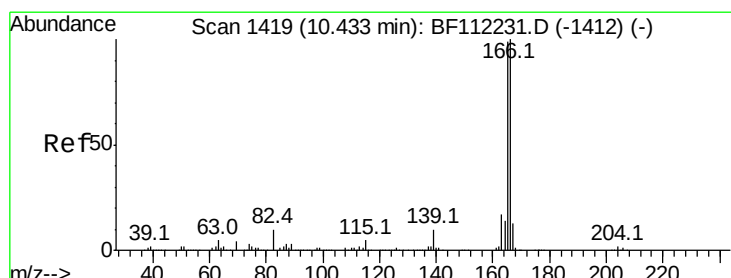
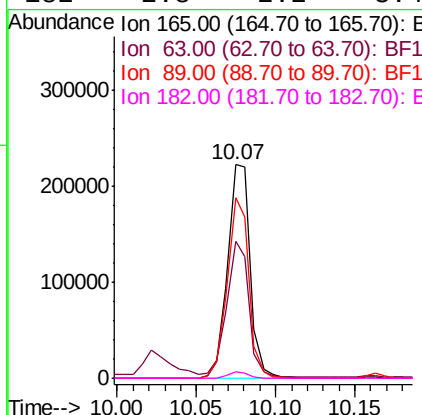
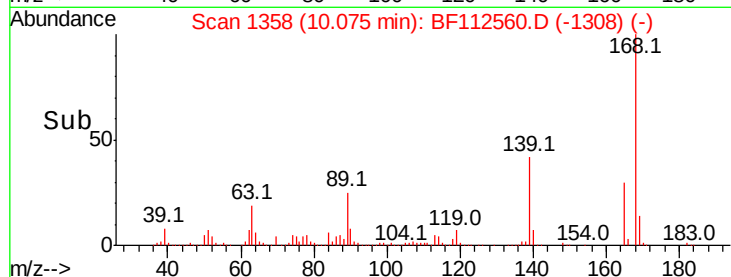
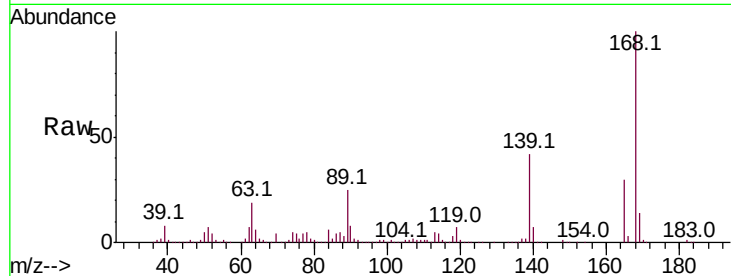
#57
2,4-Dinitrotoluene
Concen: 39.934 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	64.0	27.9	41.9#
89	84.3	47.9	71.9#
182	2.8	2.2	3.4

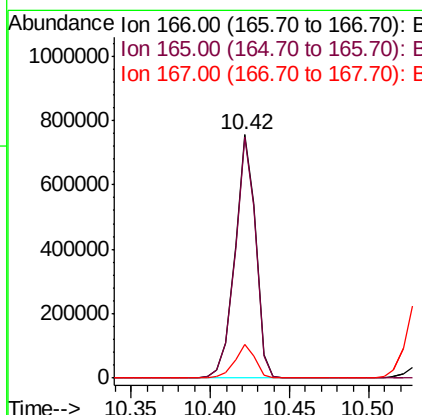
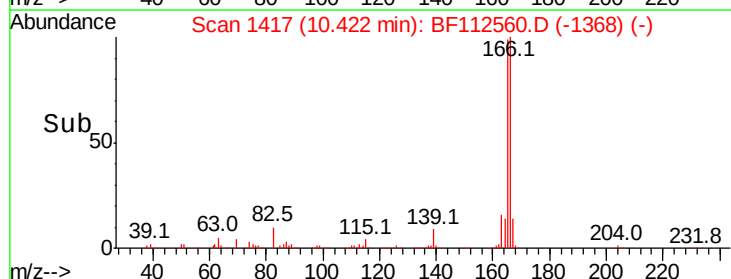
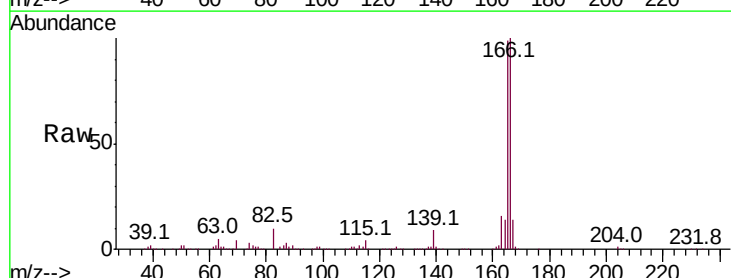
Manual Integrations
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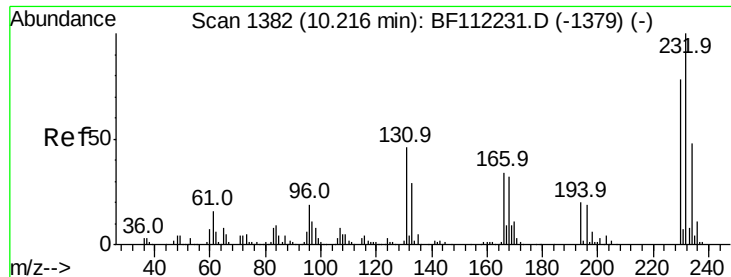
Sohil
2/15/2019 4:52:54 PM



#58
Fluorene
Concen: 40.214 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.8	77.1	115.7
167	13.7	11.3	16.9





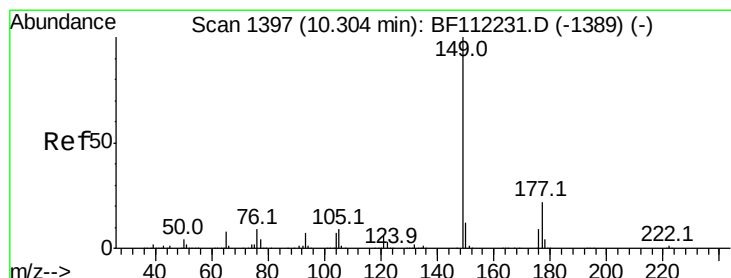
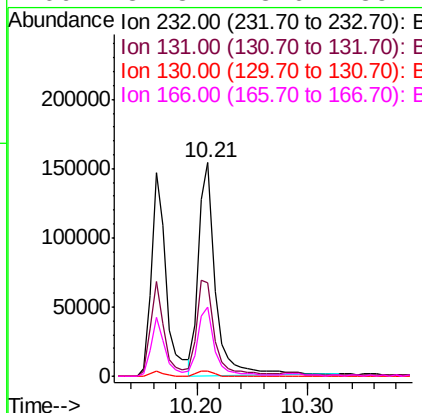
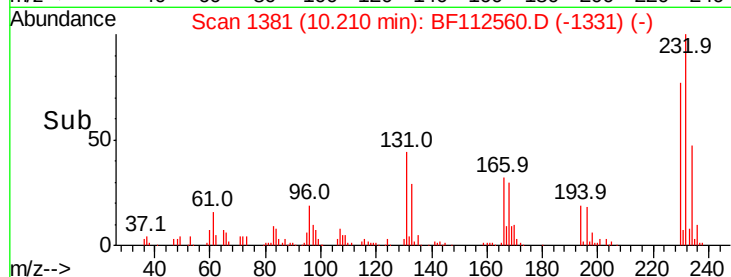
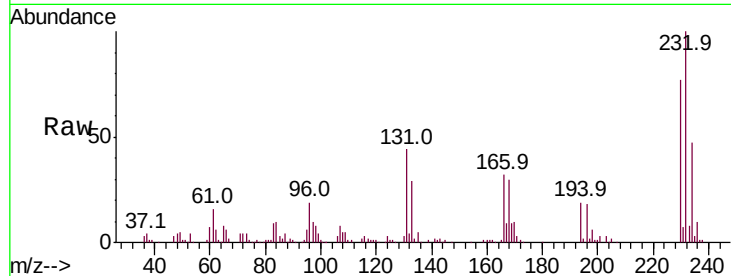
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.989 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	159328		
131	49.1		33.9	50.9
130	2.5		1.8	2.6
166	31.8		23.6	35.4

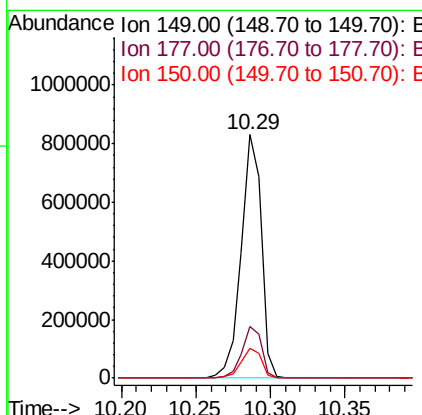
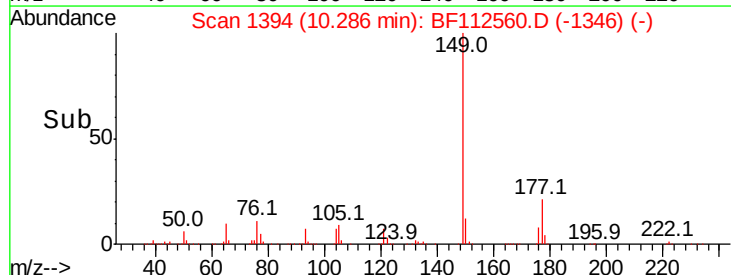
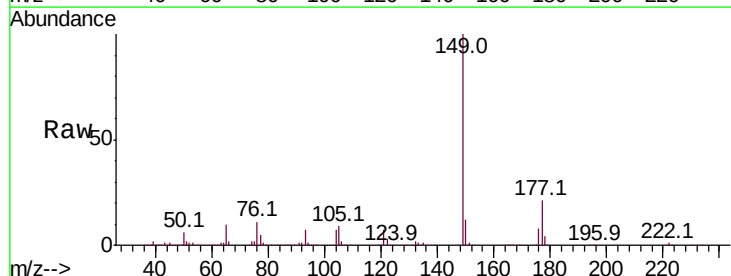
Manual Integrations
 APPROVED

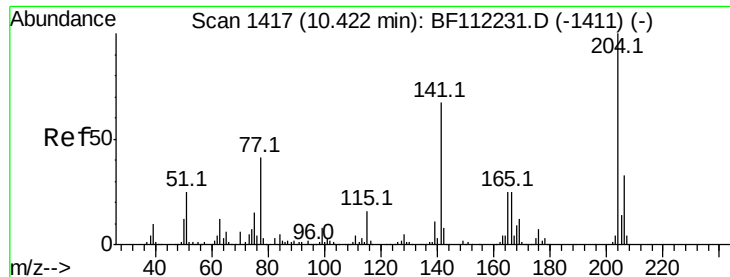
Sohil
 2/15/2019 4:52:54 PM



#60
 Diethylphthalate
 Concen: 40.666 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	781524		
177	21.3		18.2	27.2
150	12.4		10.4	15.6





#61

4-Chlorophenyl-phenylether

Concen: 39.420 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

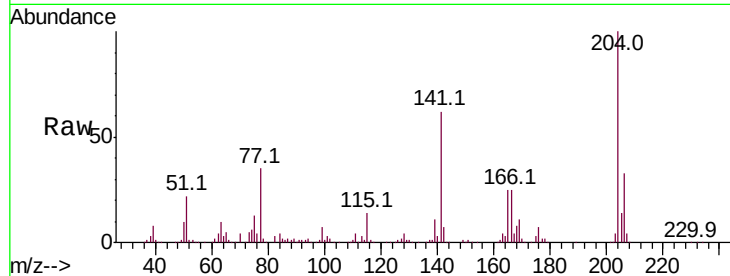
ClientSampled :

SSTDCCC040

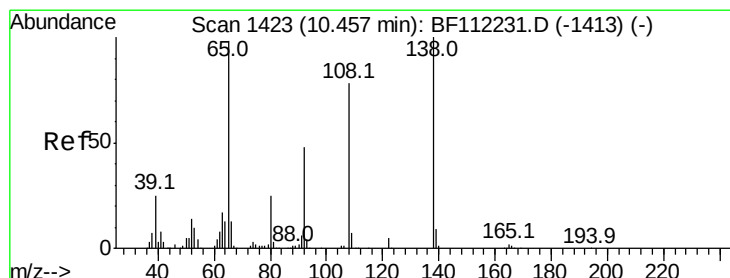
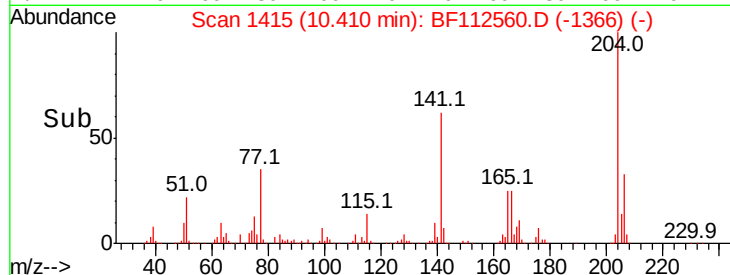
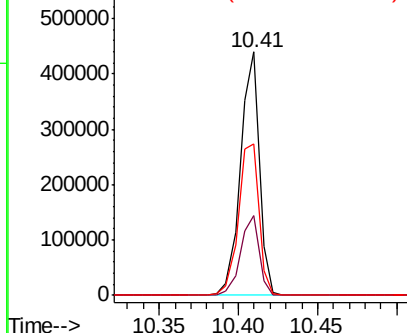
Tot Ion:	204	Resp:	362801
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.5	39.7
141	62.4	45.9	68.9

Manual Integrations
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Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 37.459 ng

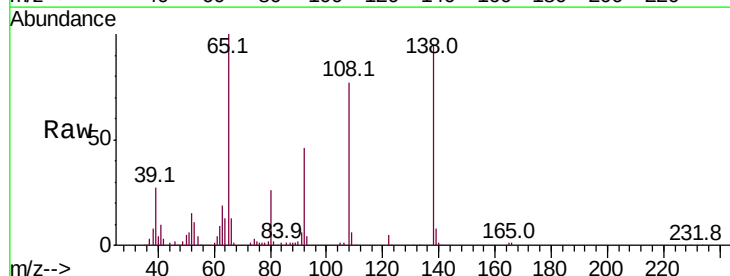
RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

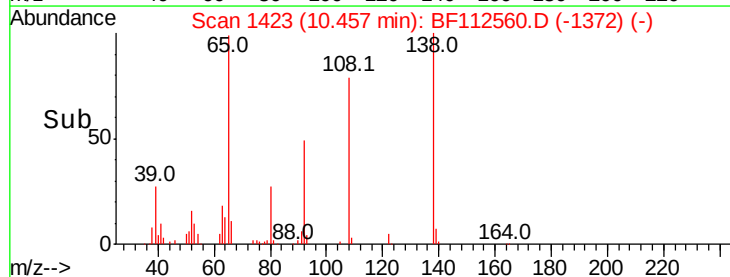
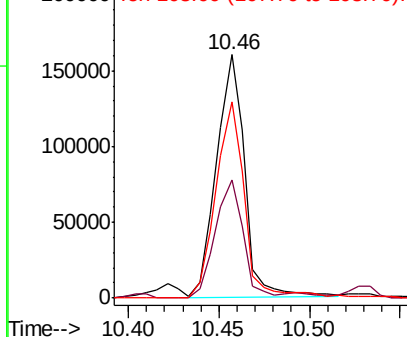
Lab File: BF112560.D

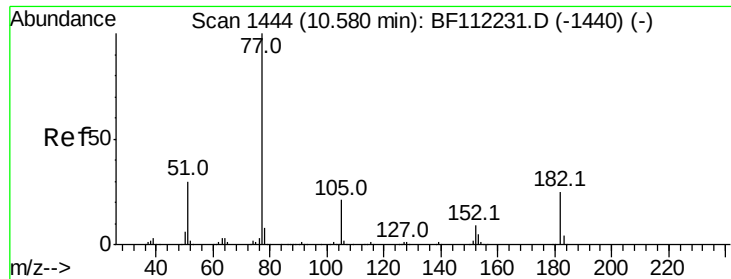
Acq: 14 Feb 2019 11:23

Tgt Ion:	138	Resp:	172642
Ion Ratio	Lower	Upper	
138	100		
92	48.7	30.6	70.6
108	80.8	50.0	90.0



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





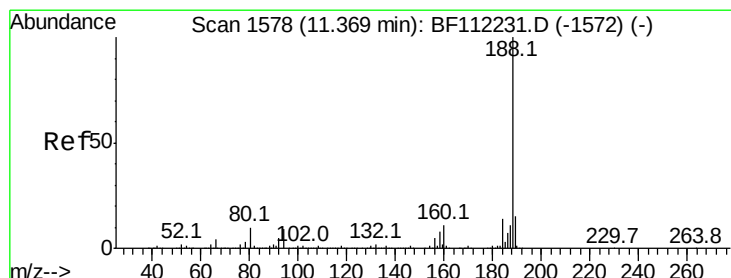
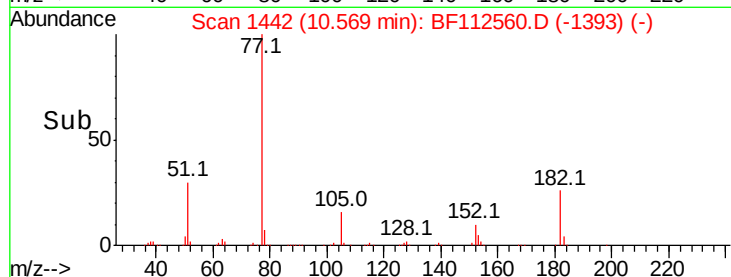
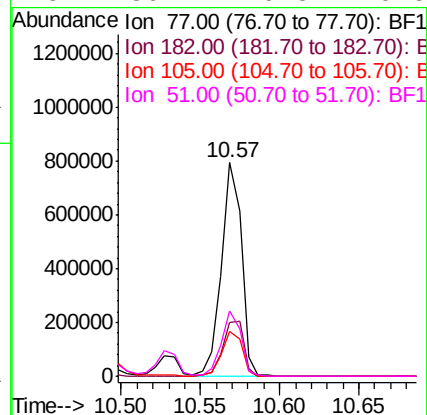
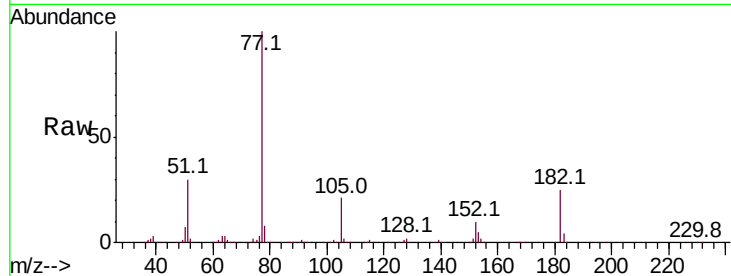
#63
Azobenzene
Concen: 41.248 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		697169		
182	25.1	5.7	45.7		
105	21.1	1.4	41.4		
51	30.4	9.5	49.5		

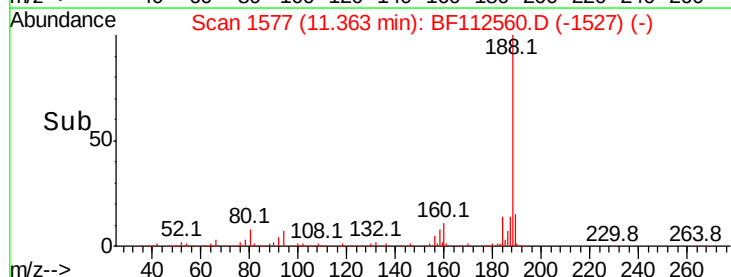
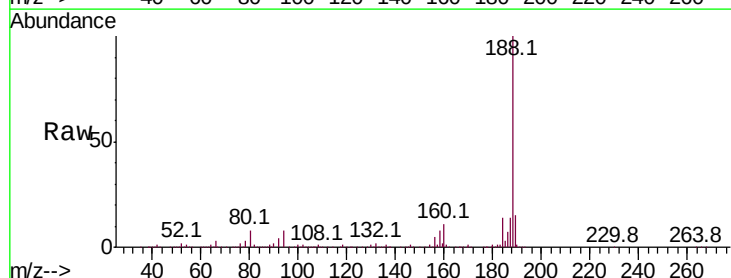
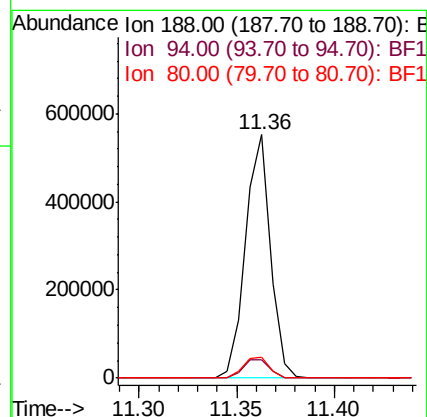
Manual Integrations
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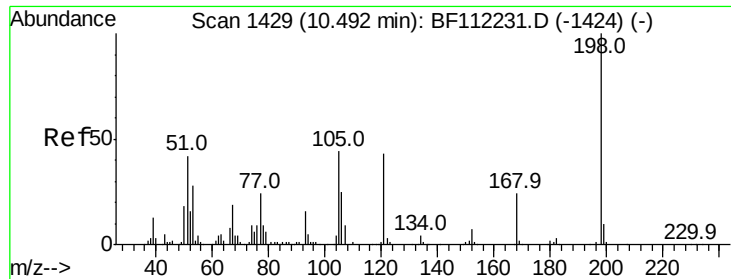
Sohil
2/15/2019 4:52:54 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		492272		
94	7.5	8.2	12.2#		
80	8.3	8.9	13.3#		





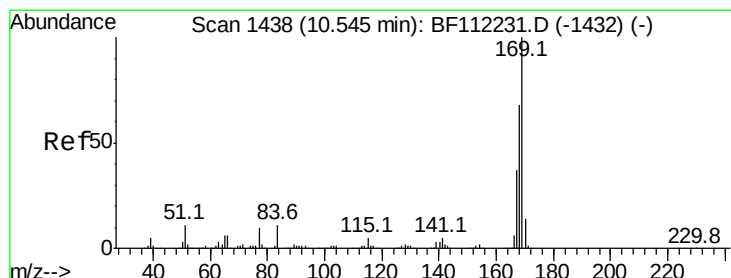
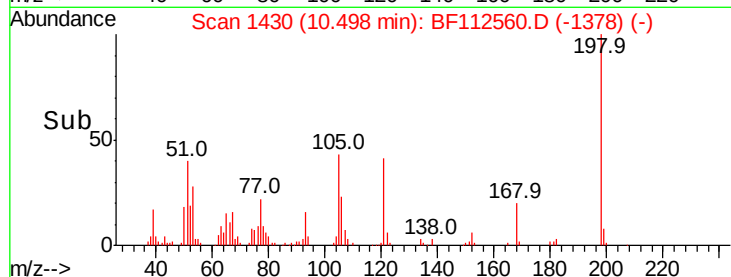
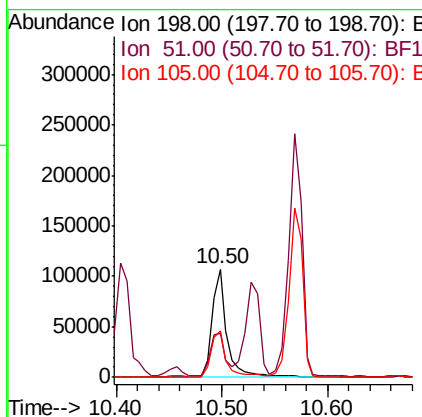
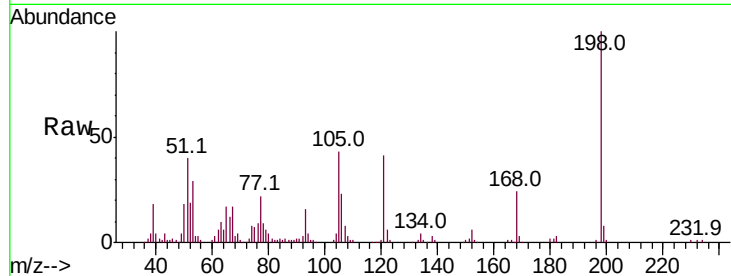
#65
4,6-Dinitro-2-methylphenol
Concen: 38.526 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.2	17.2	57.2
105	42.5	21.9	61.9

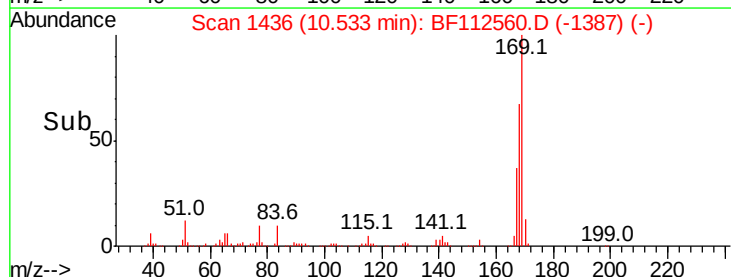
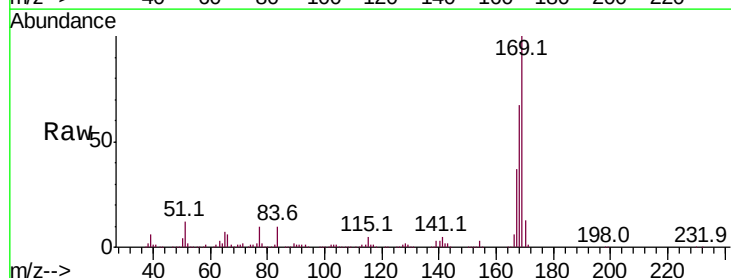
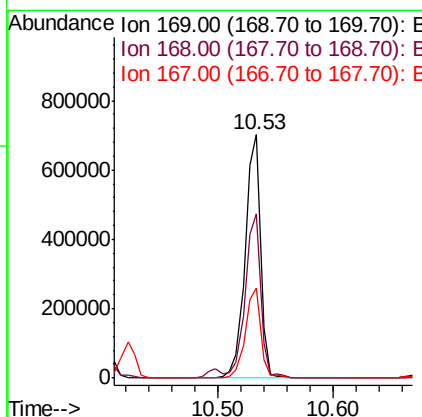
Manual Integrations
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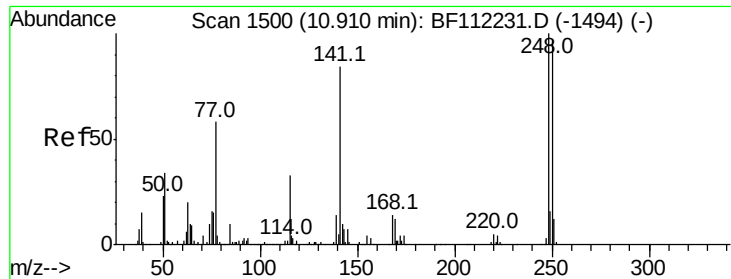
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 39.217 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.9	80.9
167	36.9	28.9	43.3





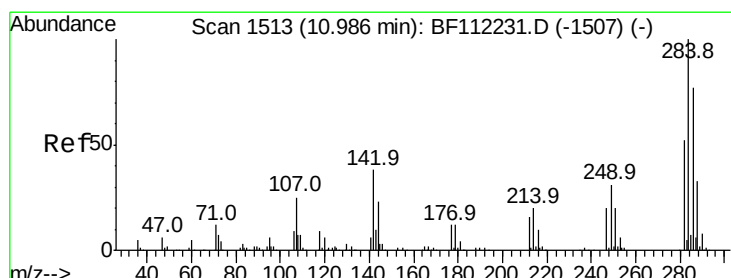
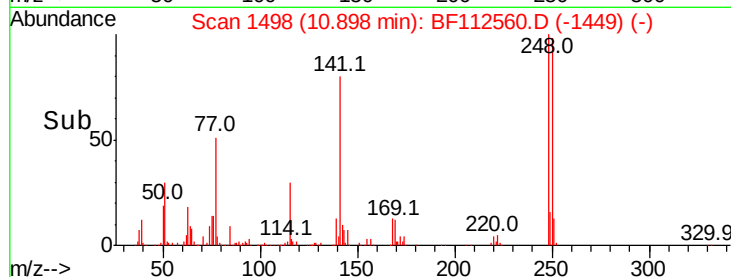
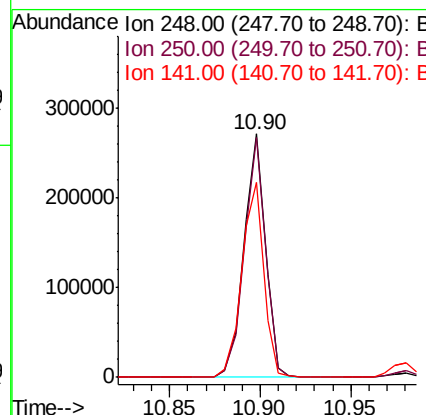
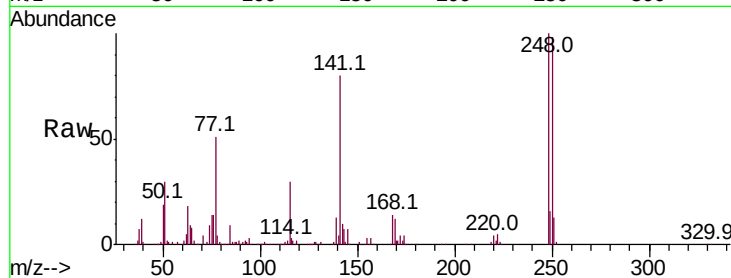
#67
4-Bromophenyl-phenylether
Concen: 38.670 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.7	119.5
141	80.0	60.3	90.5

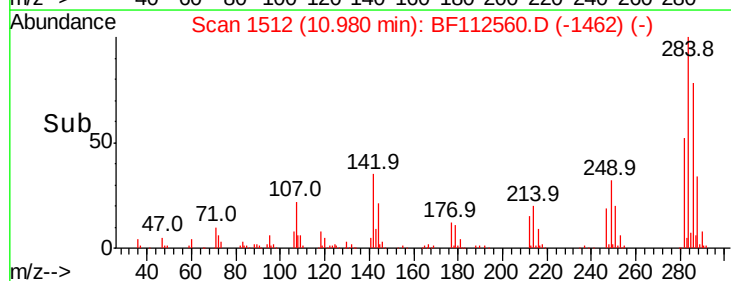
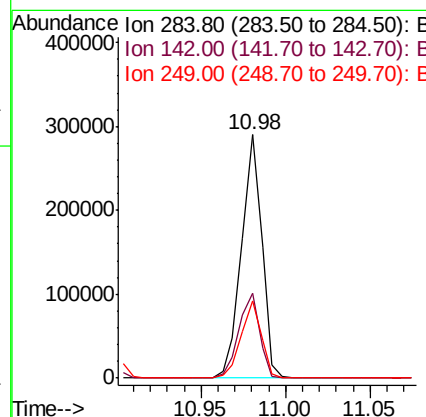
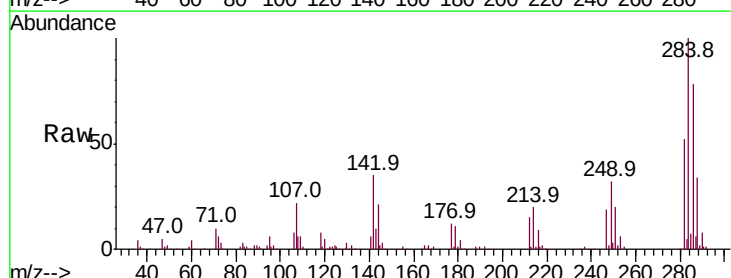
Manual Integrations
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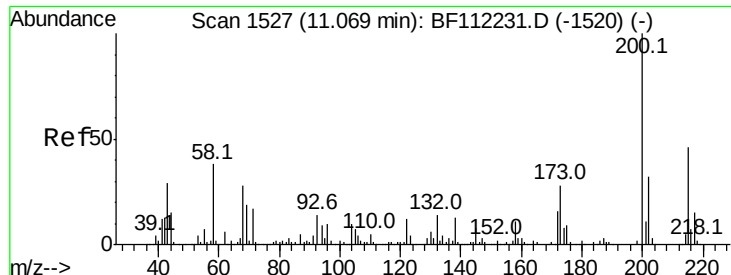
Sohil
2/15/2019 4:52:54 PM



#68
Hexachlorobenzene
Concen: 39.254 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	27.6	41.4
249	31.5	24.1	36.1





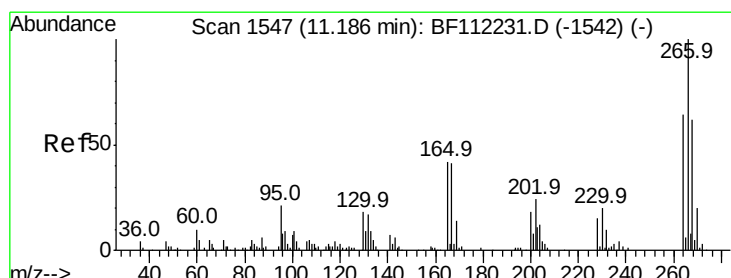
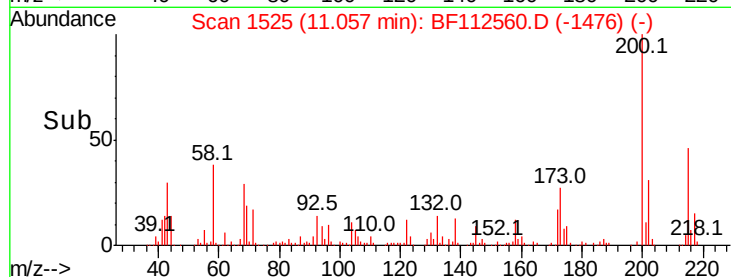
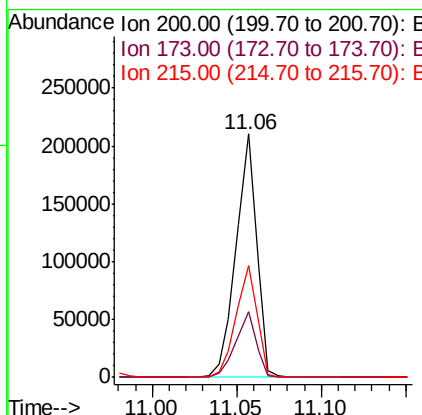
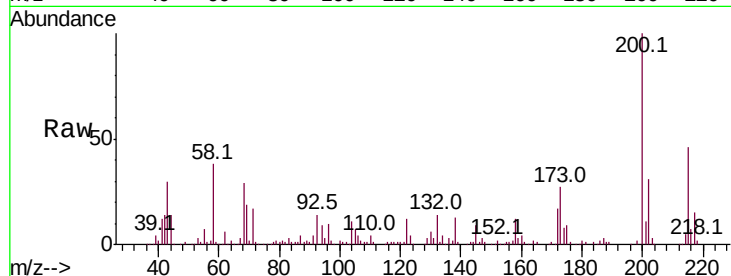
#69
Atrazine
Concen: 33.640 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	180087		
173	26.8	7.1	47.1	
215	45.9	30.4	70.4	

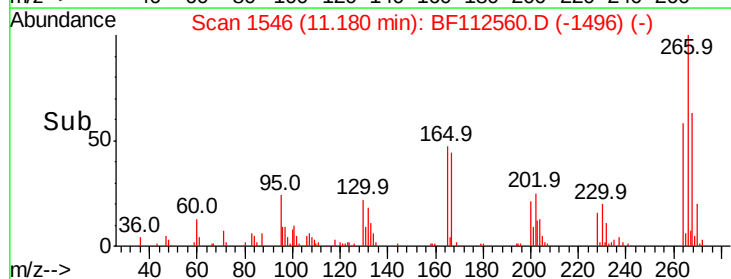
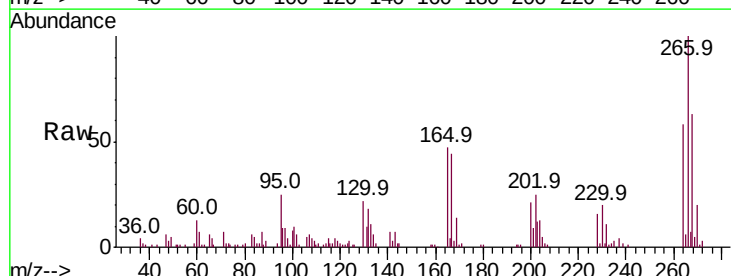
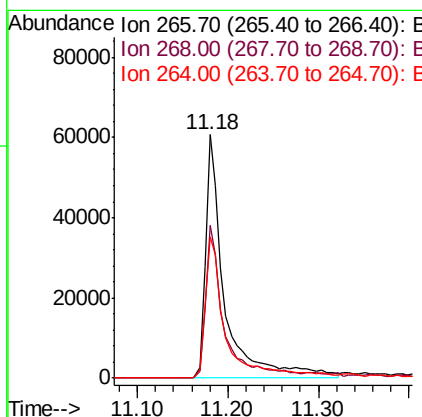
Manual Integrations
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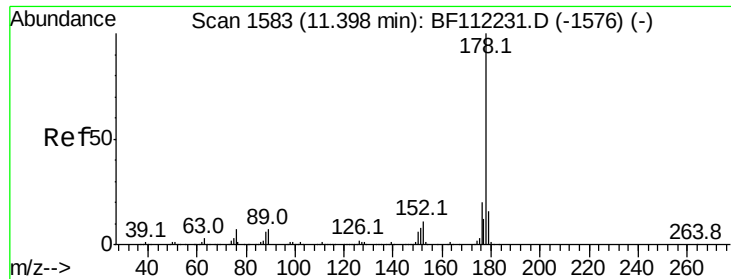
Sohil
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#70
Pentachlorophenol
Concen: 37.191 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	89893		
268	62.5	51.2	76.8	
264	58.1	50.9	76.3	





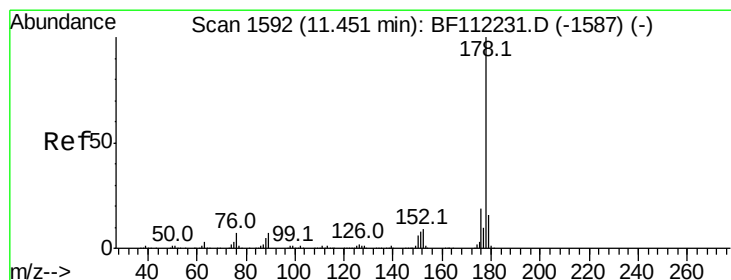
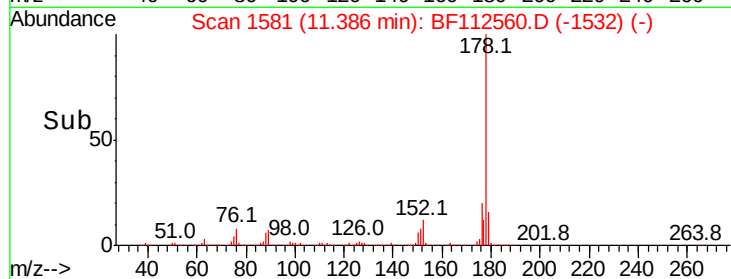
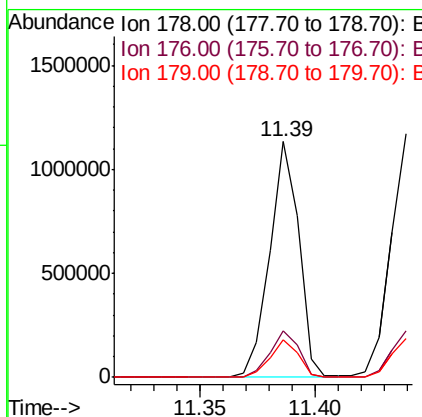
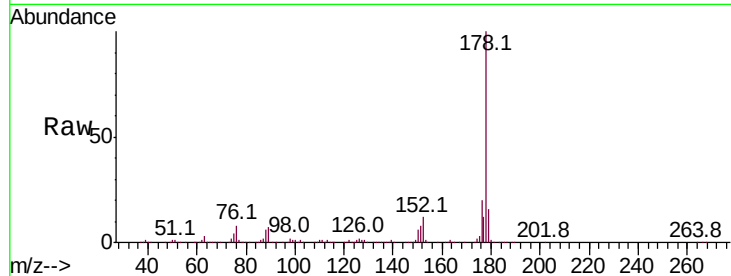
#71
Phenanthrene
Concen: 38.863 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.3	24.5
179	15.8	13.0	19.4

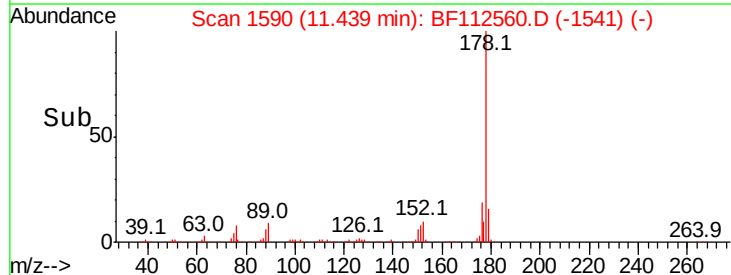
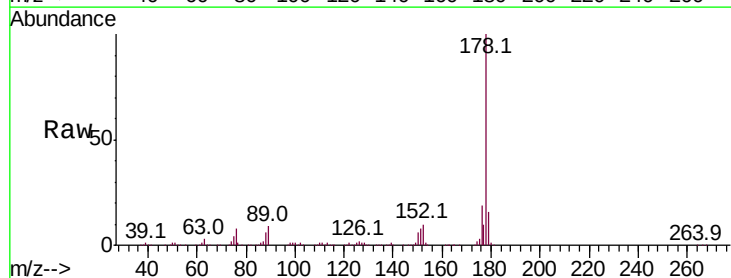
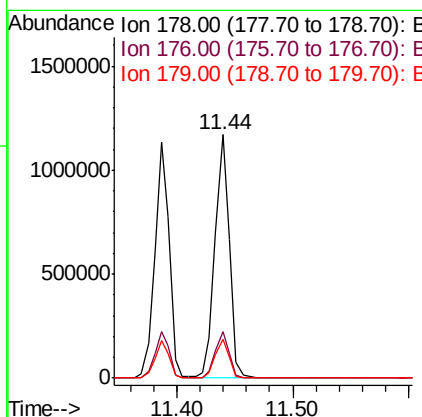
Manual Integrations
APPROVED

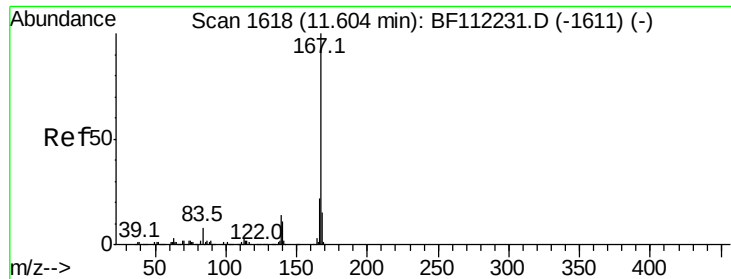
Sohil
2/15/2019 4:52:54 PM



#72
Anthracene
Concen: 39.796 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.9	12.8	19.2





#73

Carbazole

Concen: 40.355 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:167 Resp: 1014815

Ion Ratio Lower Upper

167 100

166 22.1 17.9 26.9

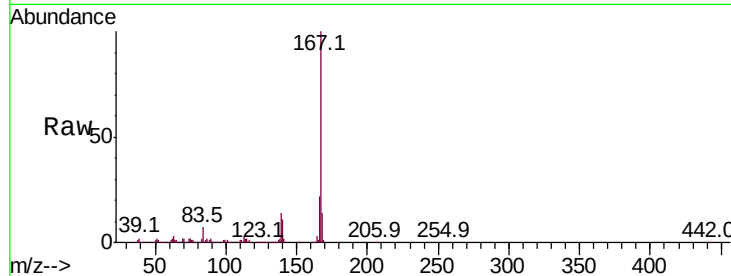
139 13.7 10.2 15.2

Manual Integrations

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Sohil

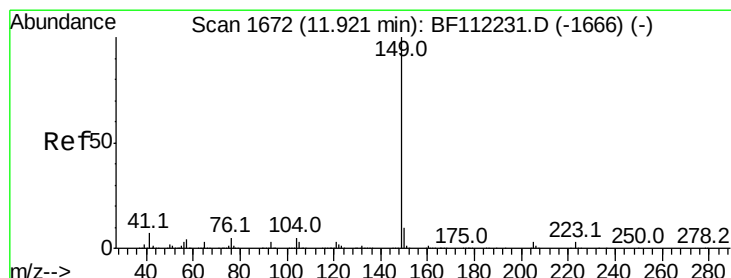
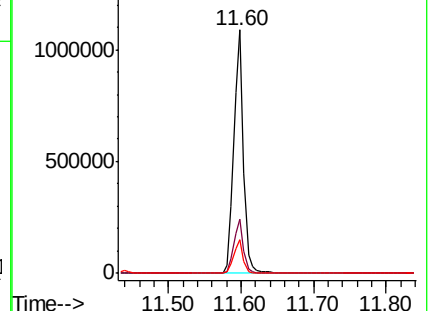
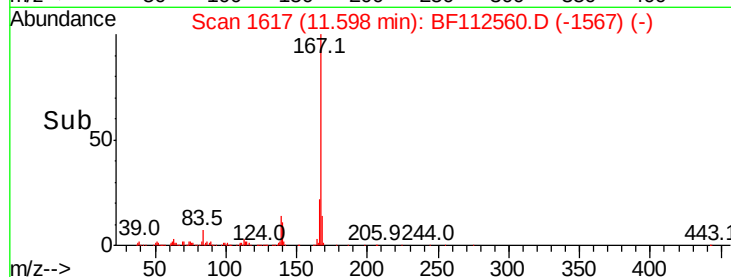
2/15/2019 4:52:54 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.275 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

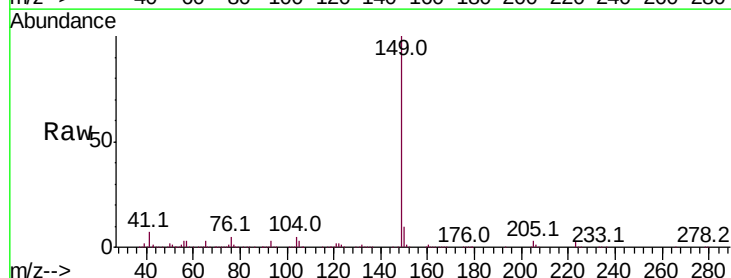
Tgt Ion:149 Resp: 1257123

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

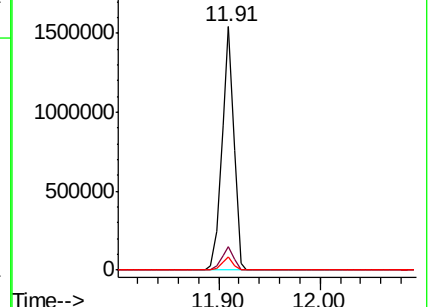
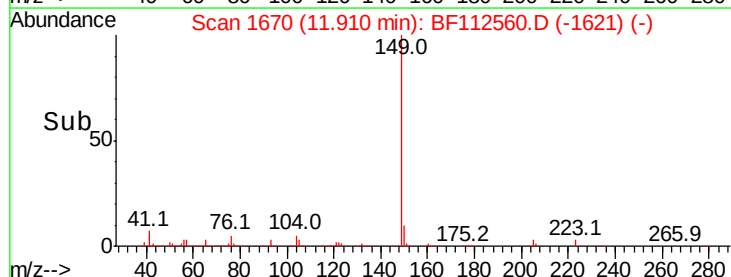
104 5.2 3.9 5.9

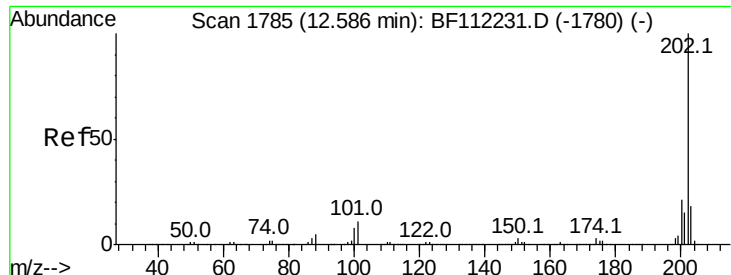


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





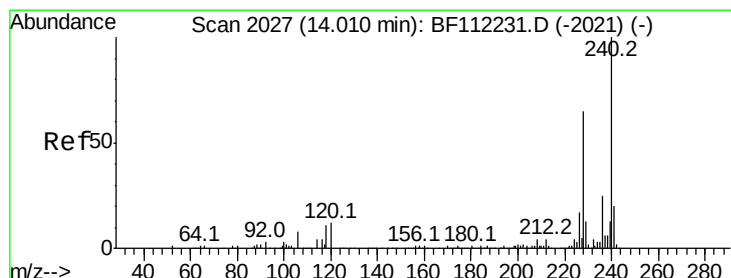
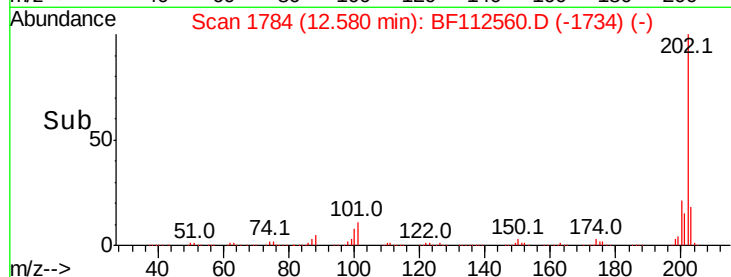
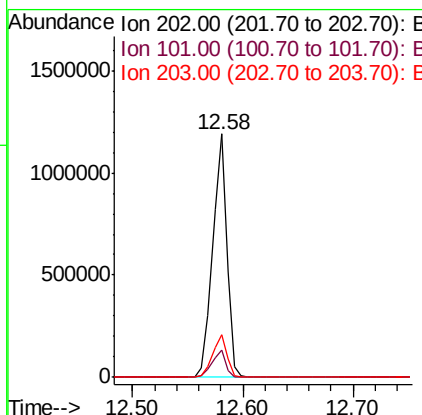
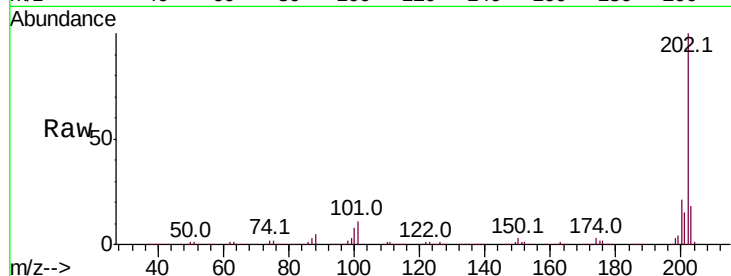
#75
Fluoranthene
 Concen: 38.179 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1048004		
101	11.0		0.0	31.8
203	17.7		0.0	38.4

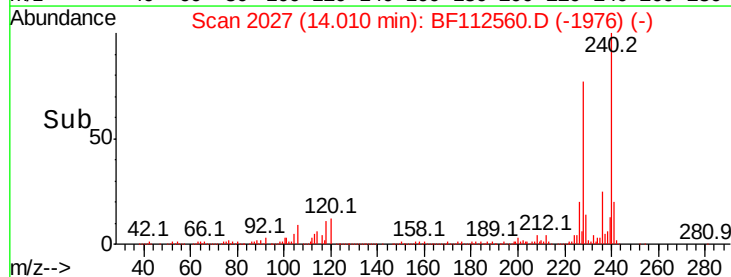
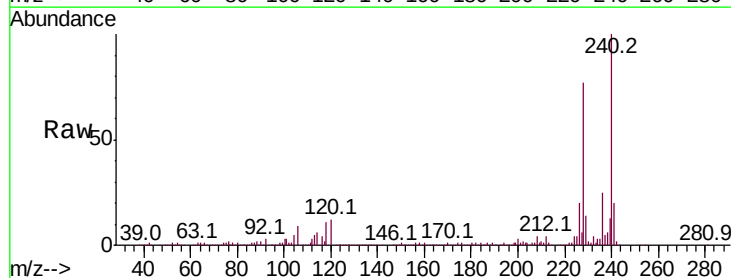
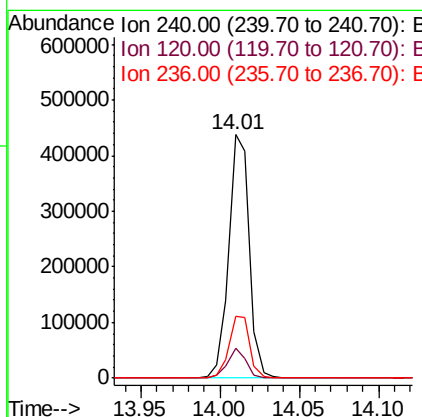
Manual Integrations
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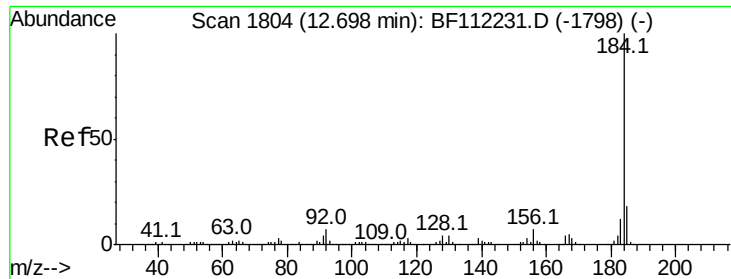
Sohil
 2/15/2019 4:52:54 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	393191		
120	12.1		9.0	13.6
236	25.1		20.7	31.1





#77

Benzidine

Concen: 46.660 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

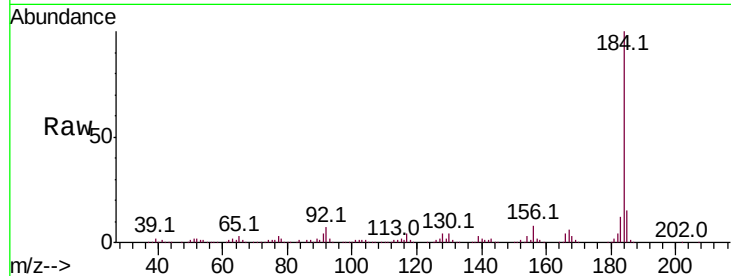
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.9	20.9
183	12.0	10.0	15.0

Manual Integrations
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2/15/2019 4:52:54 PM

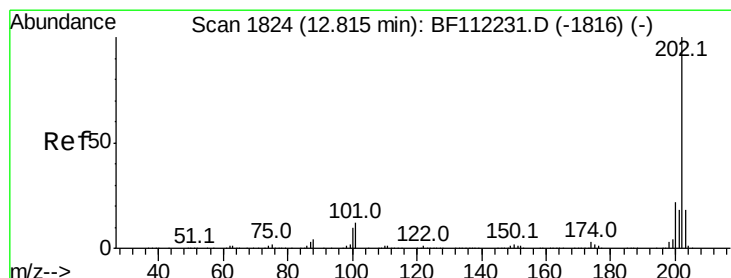
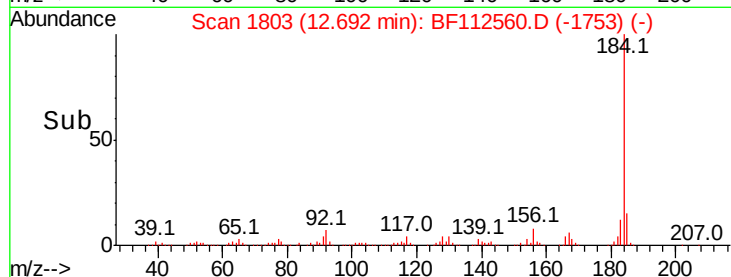
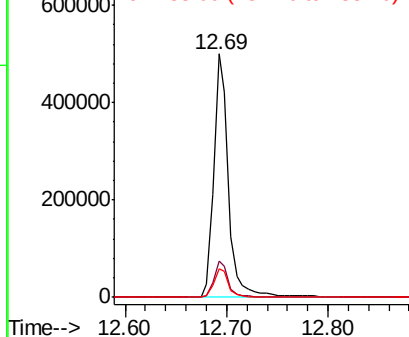


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.001 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

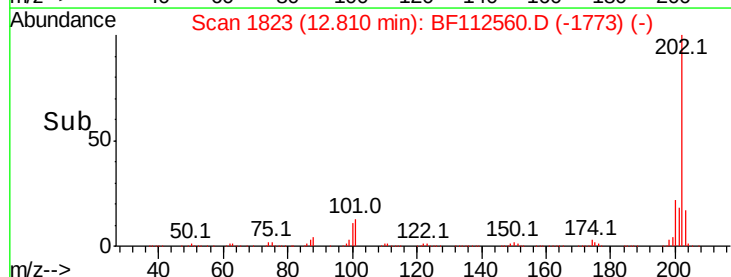
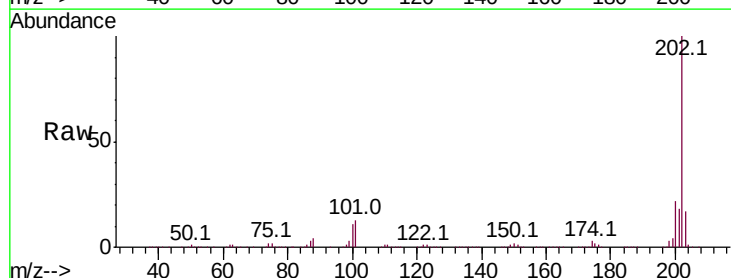
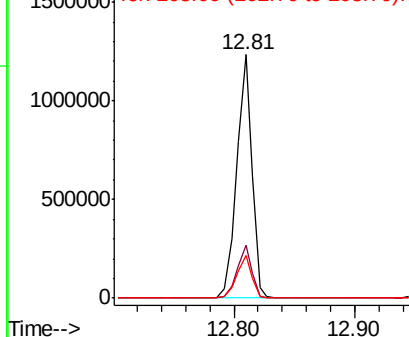
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.4	14.6	22.0

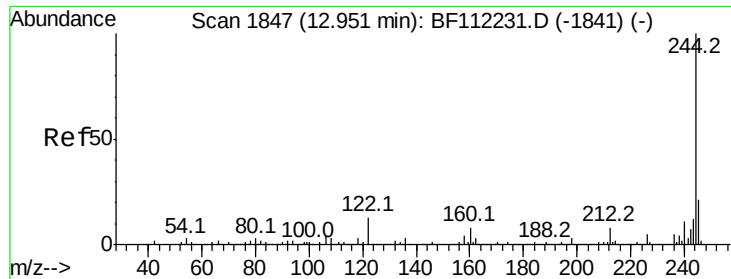
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





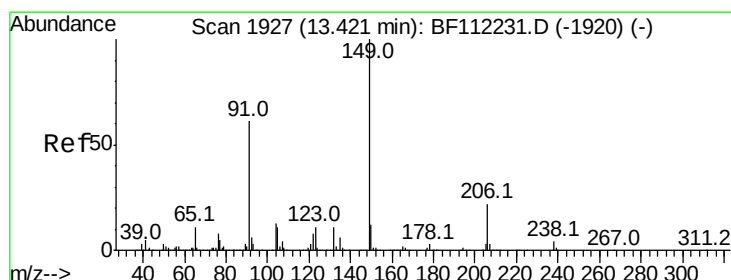
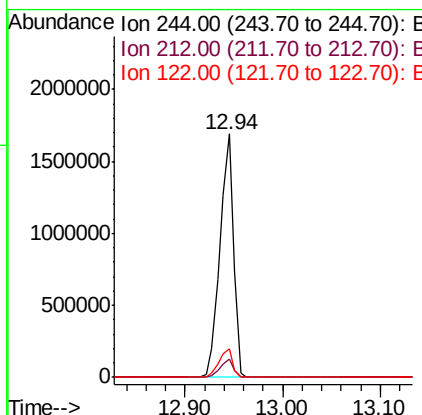
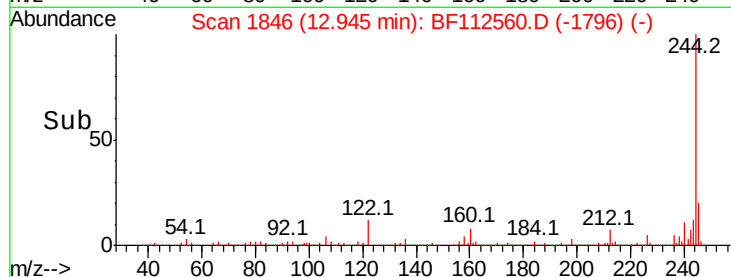
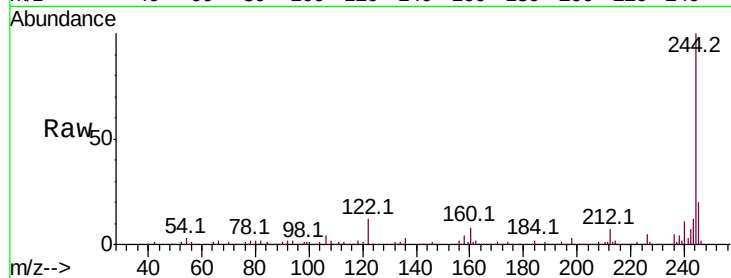
#79
 Terphenyl-d14
 Concen: 78.752 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	12.0	9.8	14.6

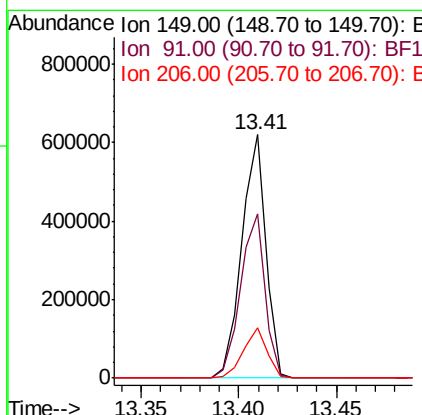
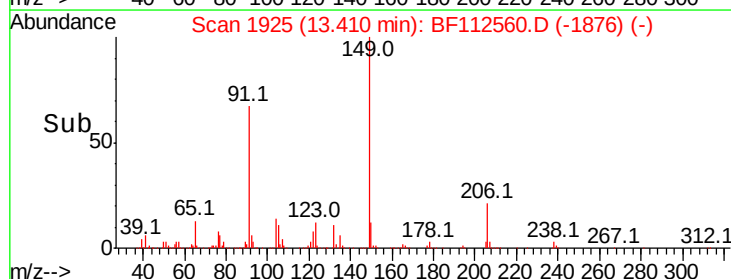
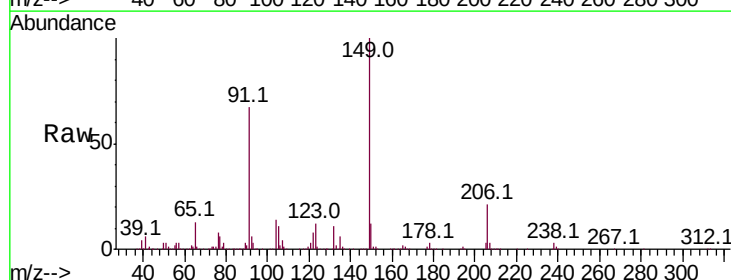
Manual Integrations
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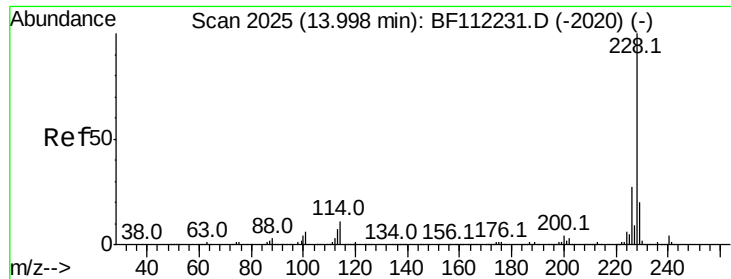
Sohil
 2/15/2019 4:52:54 PM



#80
 Butylbenzylphthalate
 Concen: 40.435 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.3	50.3	75.5
206	20.8	18.2	27.4





#81

Benzo(a)anthracene

Concen: 40.064 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

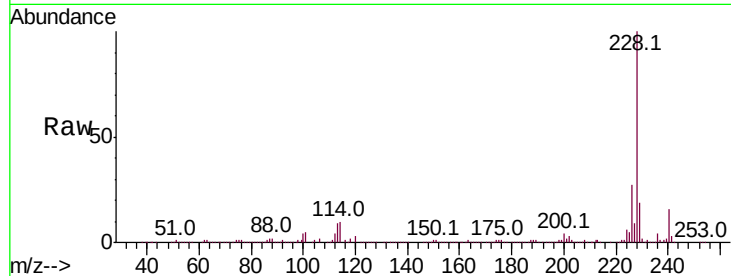
ClientSampled :

SSTDCCC040

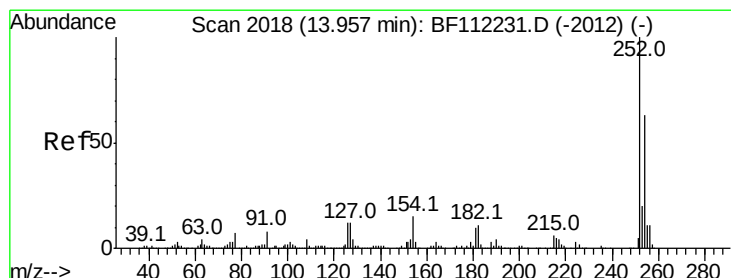
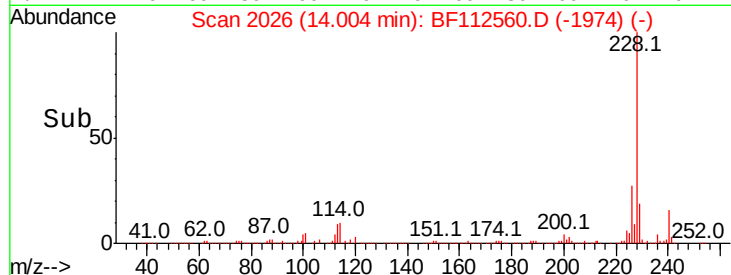
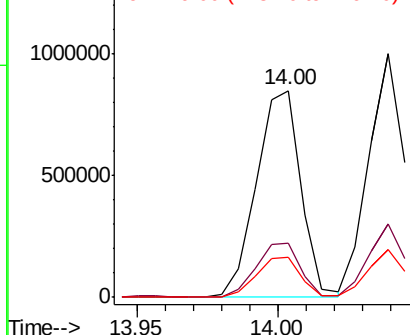
Tot Ion:	228	Resp:	926034
Ion Ratio	Lower	Upper	
228	100		
226	26.5	22.6	34.0
229	19.3	16.5	24.7

Manual Integrations
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2/15/2019 4:52:54 PM



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



#82

3,3'-Dichlorobenzidine

Concen: 40.612 ng

RT: 13.96 min Scan# 2018

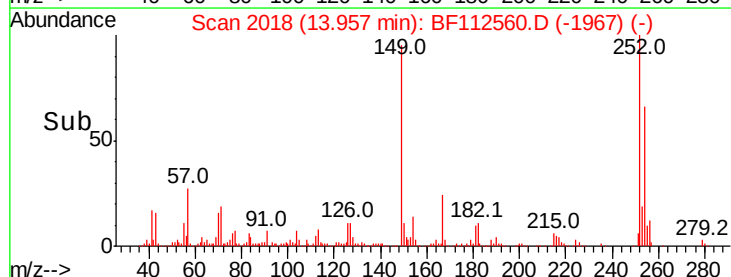
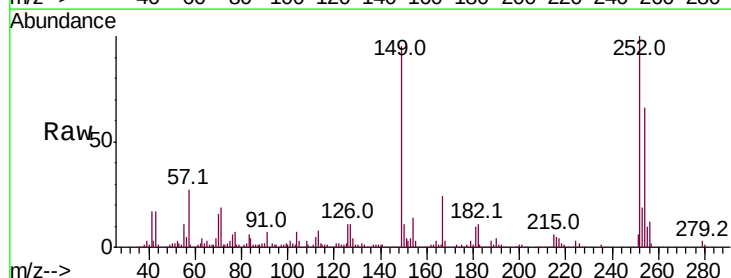
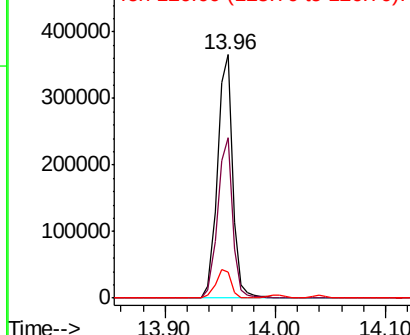
Delta R.T. 0.00 min

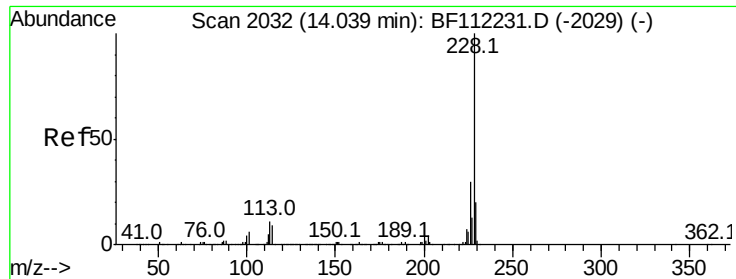
Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Tgt Ion:	252	Resp:	351300
Ion Ratio	Lower	Upper	
252	100		
254	65.8	51.6	77.4
126	10.5	8.6	12.8

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





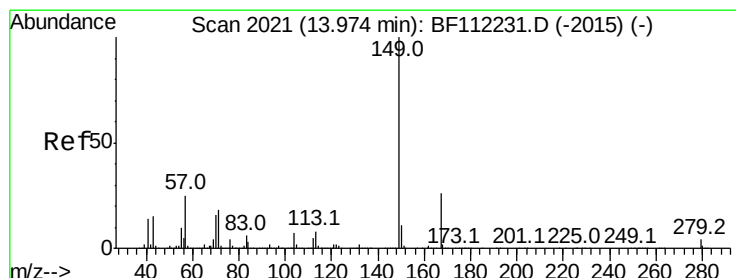
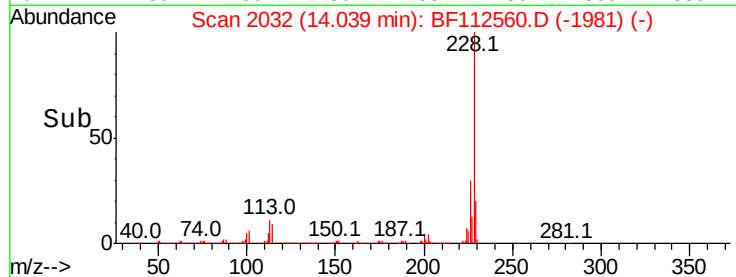
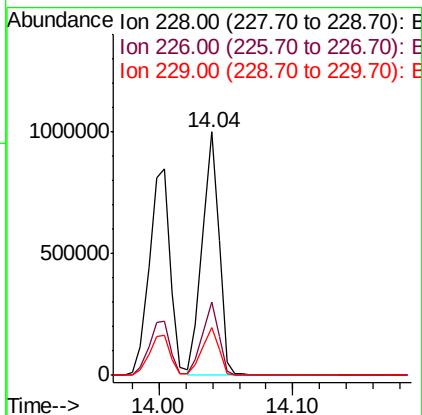
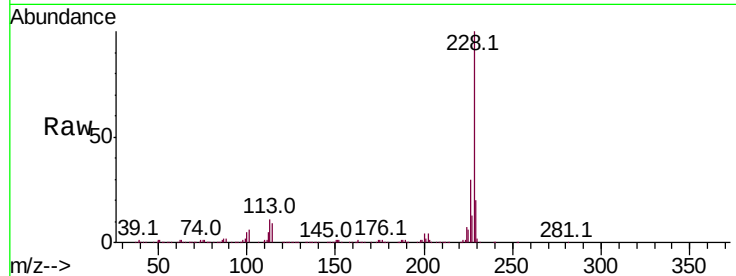
#83
Chrysene
Concen: 39.634 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.7	16.6	24.8

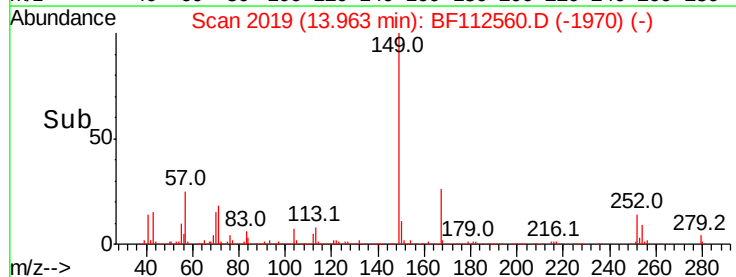
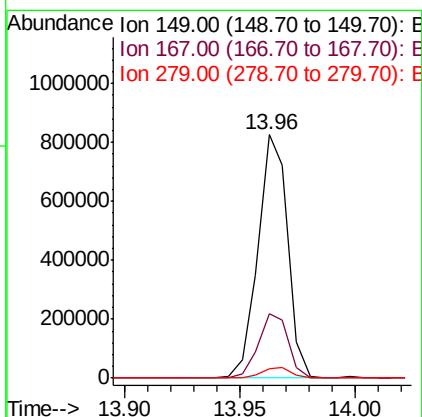
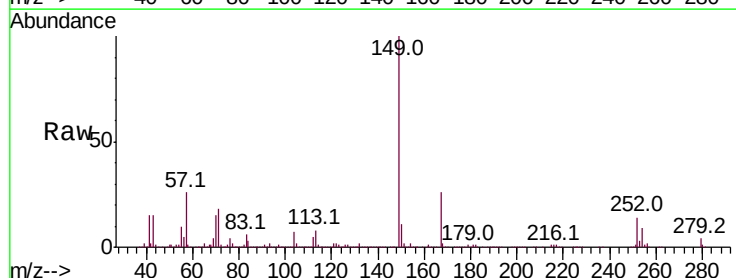
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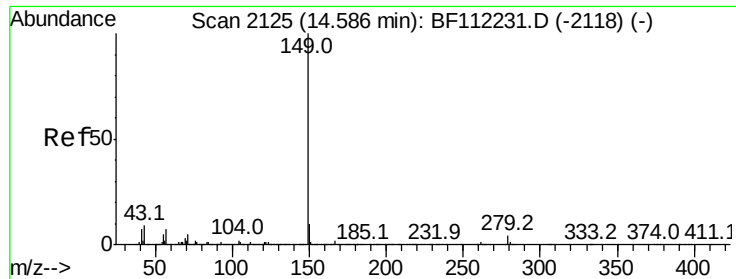
Sohil
2/15/2019 4:52:54 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.661 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.5	33.7
279	3.6	3.8	5.6#





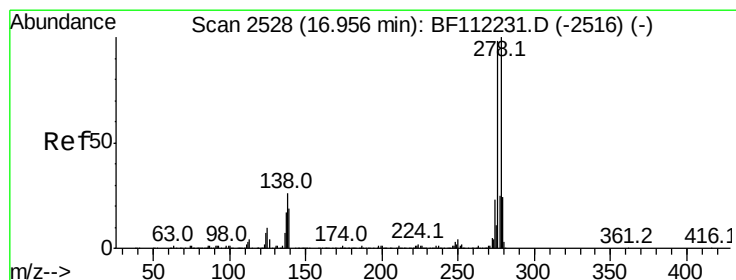
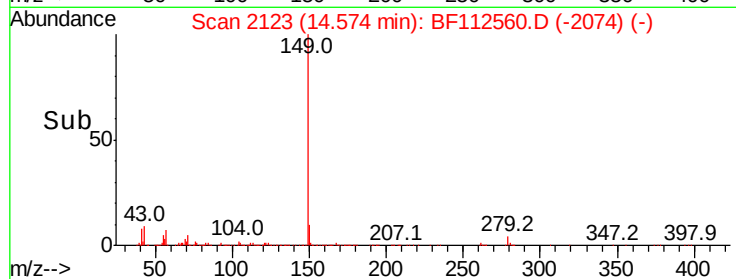
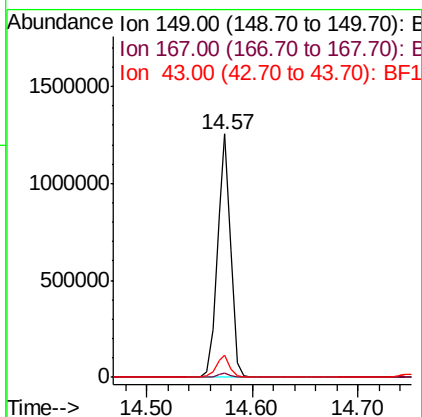
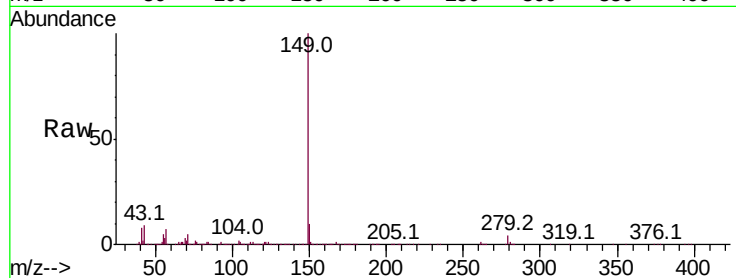
#85
Di-n-octyl phthalate
Concen: 38.356 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.0	7.8	11.6

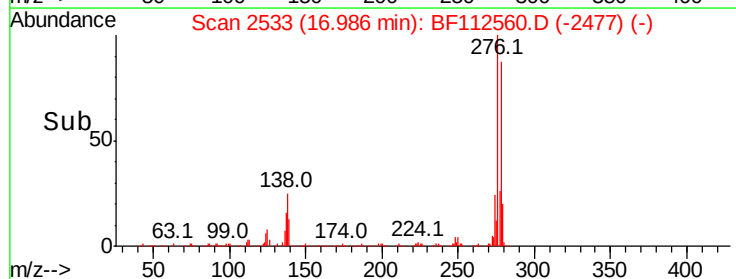
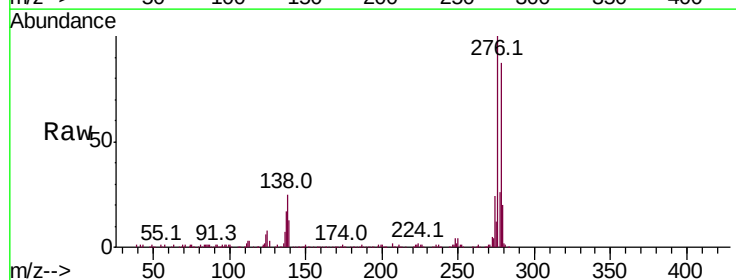
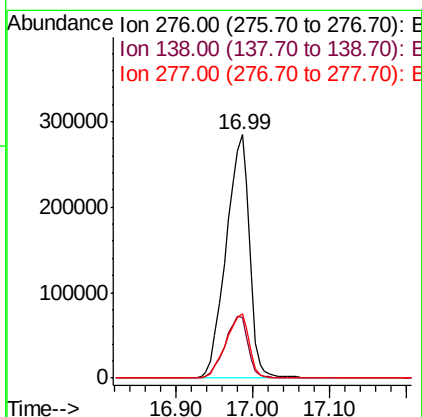
Manual Integrations
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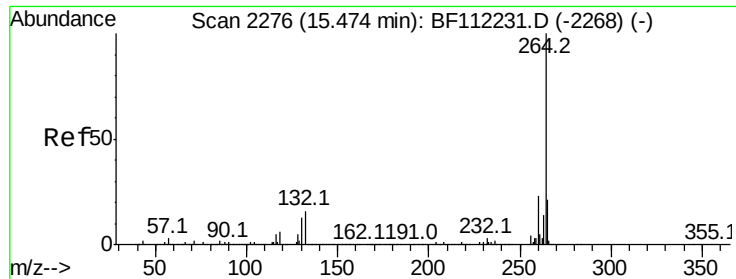
Sohil
2/15/2019 4:52:54 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.388 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.03 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.6	34.0
277	26.4	20.3	30.5





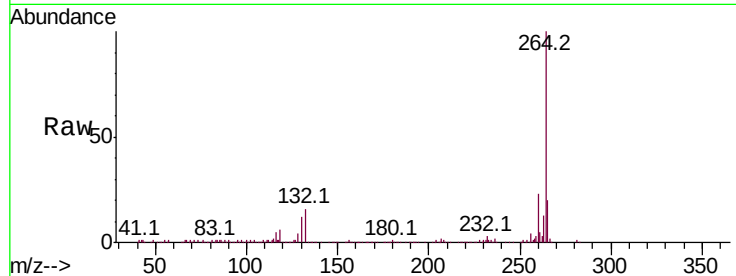
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	20.2	17.0	25.4

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2/15/2019 4:52:54 PM

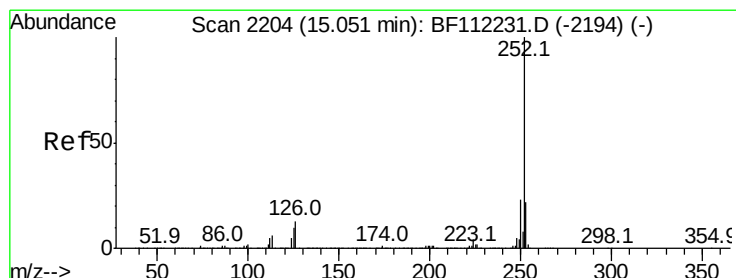
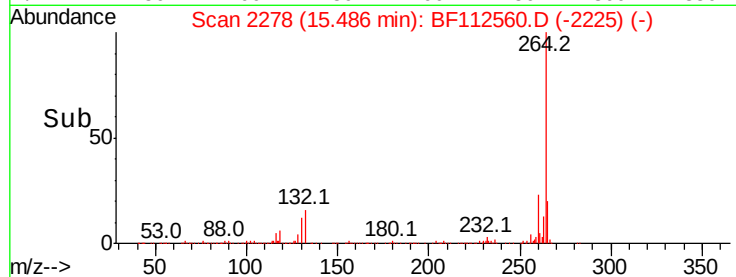
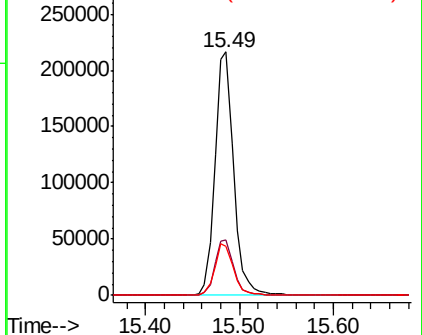


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 40.162 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

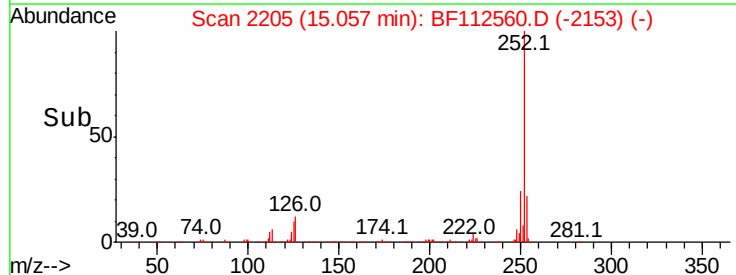
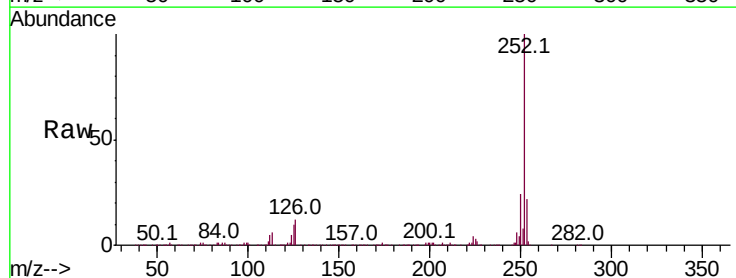
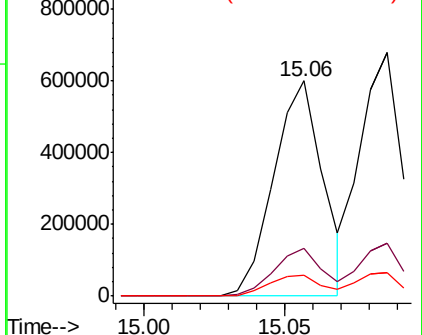
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.7	8.7	13.1

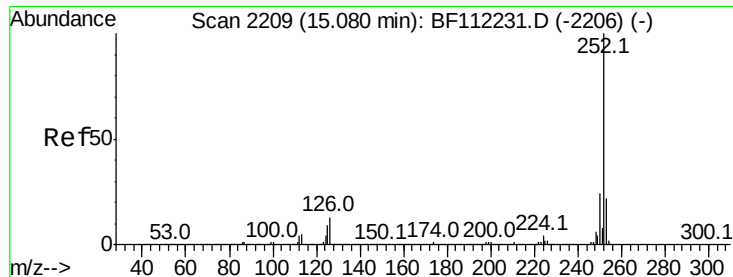
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 40.565 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

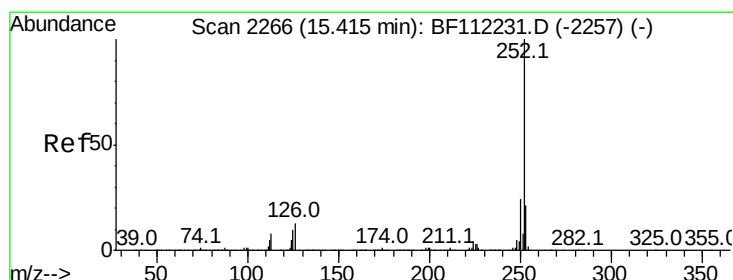
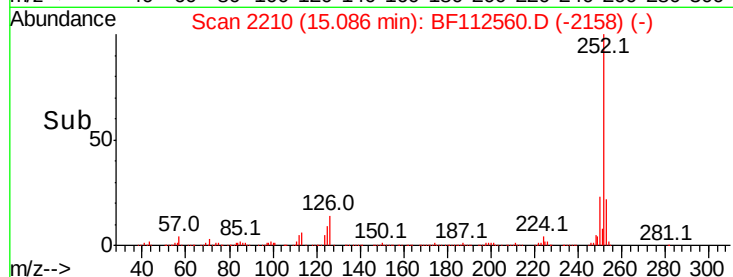
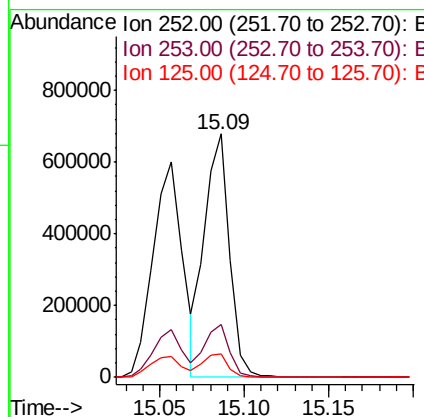
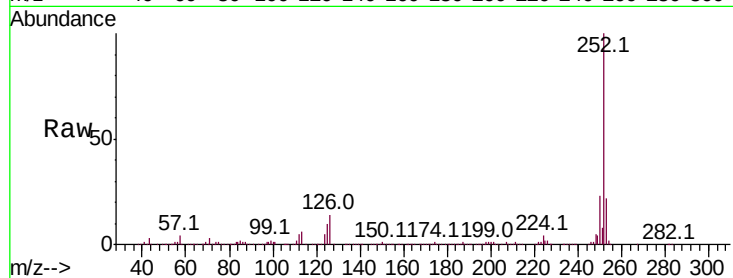
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	701333
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.0	27.0
125	9.5	9.1	13.7

Manual Integrations
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2/15/2019 4:52:54 PM



#90

Benzo(a)pyrene

Concen: 39.434 ng

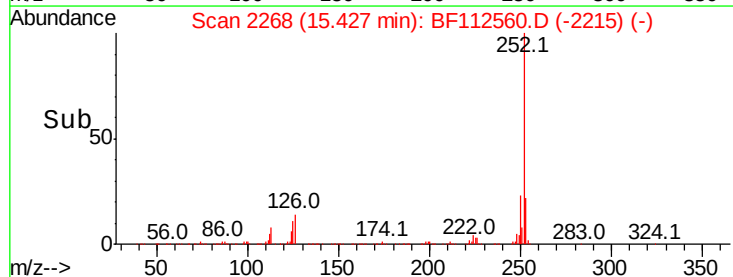
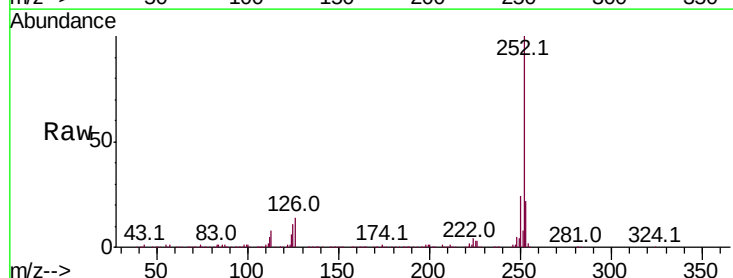
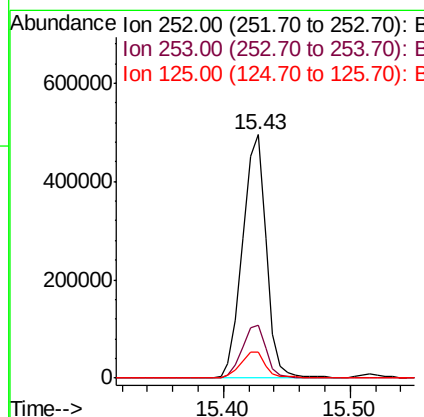
RT: 15.43 min Scan# 2268

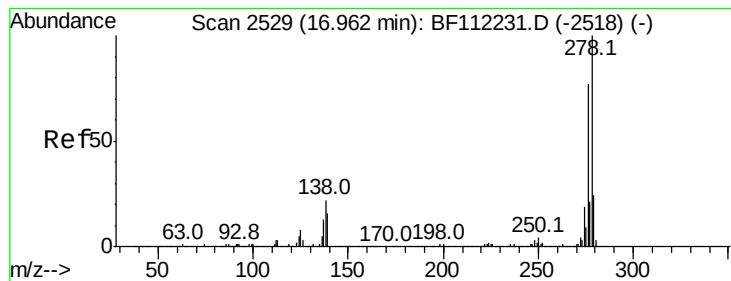
Delta R.T. 0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Tgt Ion:	252	Resp:	640447
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	10.6	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 39.127 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.02 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

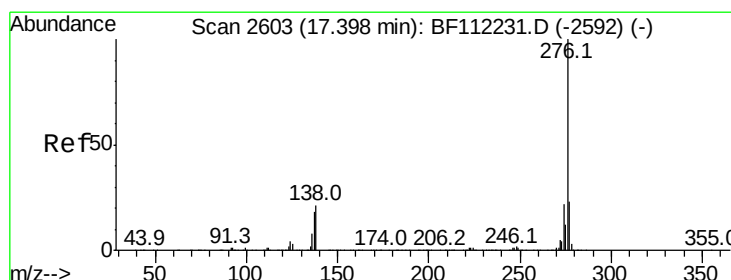
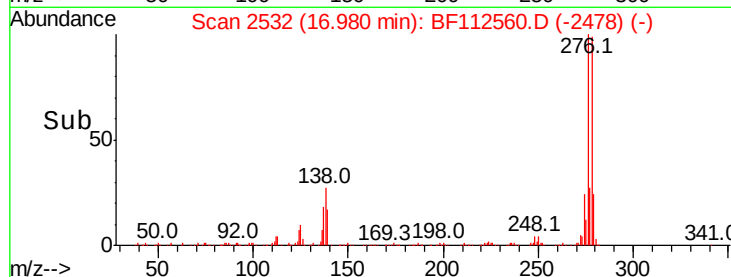
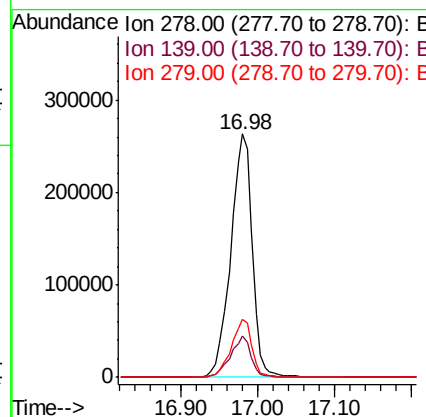
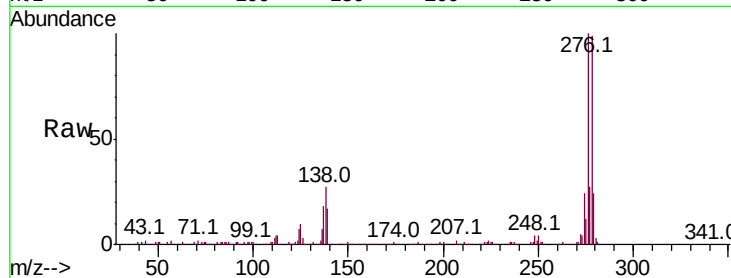
ClientSampleId :

SSTDCCC040

Tot Ion:	278	Resp:	512150
Ion Ratio	Lower	Upper	
278	100		
139	16.9	13.7	20.5
279	23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
2/15/2019 4:52:54 PM



#92

Benzo(g,h,i)perylene

Concen: 39.756 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.03 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Tgt Ion:	276	Resp:	490963
Ion Ratio	Lower	Upper	
276	100		
277	22.8	19.4	29.0
138	21.3	19.1	28.7

