

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116099.D
 Acq On : 9 Aug 2019 8:46
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 8/13/2019 7:17:38 AM

Quant Time: Aug 10 02:20:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	177206	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	735142	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	387944	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	664881	20.00	ng	0.00
76) Chrysene-d12	14.01	240	454469	20.00	ng	0.00
87) Perylene-d12	15.47	264	438560	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	875247	82.68	ng	0.00
7) Phenol-d6	6.49	99	1113654	83.39	ng	0.00
23) Nitrobenzene-d5	7.41	82	1042628	81.87	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	307145	81.66	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1641844	79.27	ng	0.00
79) Terphenyl-d14	12.94	244	1833289	85.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	204847	38.306	ng	99
3) Pyridine	3.35	79	563697	37.735	ng	99
4) n-Nitrosodimethylamine	3.32	42	234756	39.822	ng	97
6) Aniline	6.51	93	758382	39.651	ng	95
8) 2-Chlorophenol	6.63	128	505306	43.169	ng	97
9) Benzaldehyde	6.39	77	345910	37.538	ng	99
10) Phenol	6.50	94	639248	40.646	ng	100
11) bis(2-Chloroethyl)ether	6.58	93	504563	43.637	ng	98
12) 1,3-Dichlorobenzene	6.79	146	552220	40.821	ng	98
13) 1,4-Dichlorobenzene	6.86	146	561970	41.489	ng	99
14) 1,2-Dichlorobenzene	7.02	146	506165	40.584	ng	98
15) Benzyl Alcohol	6.99	79	416674	41.111	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	661292	41.929	ng	100
17) 2-Methylphenol	7.10	107	420063	42.382	ng	98
18) Hexachloroethane	7.35	117	211956	42.502	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	347315	41.967	ng	98
20) 3+4-Methylphenols	7.26	107	487856	41.594	ng	98
22) Acetophenone	7.26	105	651764	40.425	ng	98
24) Nitrobenzene	7.43	77	570775	41.506	ng	100
25) Isophorone	7.67	82	1038321	42.637	ng	100
26) 2-Nitrophenol	7.75	139	289747	44.699	ng	94
27) 2,4-Dimethylphenol	7.78	122	396030	40.608	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	645791	42.784	ng	100
29) 2,4-Dichlorophenol	7.99	162	436770	42.416	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	484764	41.299	ng	98
31) Naphthalene	8.15	128	1424279	41.171	ng	100
32) Benzoic acid	7.95	122	281292	40.911	ng	98
33) 4-Chloroaniline	8.20	127	624689	40.415	ng	97
34) Hexachlorobutadiene	8.26	225	282214	41.742	ng	100
35) Caprolactam	8.59	113	138973m	41.729	ng	
36) 4-Chloro-3-methylphenol	8.69	107	455493	42.520	ng	97
37) 2-Methylnaphthalene	8.83	142	931037	40.865	ng	100
38) 1-Methylnaphthalene	8.93	142	886953	41.151	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	433707	41.818	ng	100

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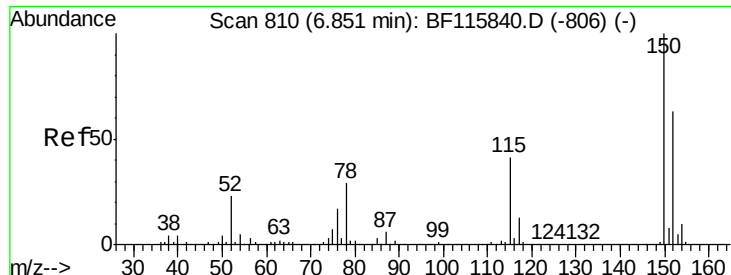
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	165560	38.848	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	285668	40.017	nq	100
44) 2,4,5-Trichlorophenol	9.16	196	302864	41.042	nq	99
46) 1,1'-Biphenyl	9.30	154	1122158	40.972	nq	99
47) 2-Chloronaphthalene	9.33	162	919253	40.326	nq	100
48) 2-Nitroaniline	9.43	65	310800	41.249	nq	96
49) Acenaphthylene	9.74	152	1339474	40.277	nq	100
50) Dimethylphthalate	9.60	163	1102503	41.738	nq	100
51) 2,6-Dinitrotoluene	9.67	165	241896	42.140	nq	94
52) Acenaphthene	9.92	154	818123	40.099	nq	100
53) 3-Nitroaniline	9.84	138	289143	40.765	nq	99
54) 2,4-Dinitrophenol	9.96	184	102463	39.480	nq	94
55) Dibenzofuran	10.09	168	1151381	38.806	nq	100
56) 4-Nitrophenol	10.01	139	156210	34.379	nq	97
57) 2,4-Dinitrotoluene	10.07	165	296381	38.779	nq	95
58) Fluorene	10.43	166	935031	40.960	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	239575	38.589	nq	95
60) Diethylphthalate	10.30	149	1019031	41.321	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	473264	40.936	nq	100
62) 4-Nitroaniline	10.46	138	298851	40.770	nq	99
63) Azobenzene	10.57	77	1057120	41.675	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	164434	46.669	nq	93
66) n-Nitrosodiphenylamine	10.54	169	836558	41.802	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	304265	42.749	nq	99
68) Hexachlorobenzene	10.98	284	341370	41.477	nq	99
69) Atrazine	11.06	200	217745	33.074	nq	100
70) Pentachlorophenol	11.18	266	141309	35.364	nq	99
71) Phenanthrene	11.39	178	1384679	40.738	nq	99
72) Anthracene	11.45	178	1407069	40.904	nq	99
73) Carbazole	11.60	167	1300274	41.664	nq	99
74) Di-n-butylphthalate	11.92	149	1545862	42.461	nq	100
75) Fluoranthene	12.58	202	1436377	40.365	nq	99
77) Benzidine	12.70	184	628152	40.912	nq	99
78) Pyrene	12.81	202	1449777	42.319	nq	99
80) Butylbenzylphthalate	13.42	149	659240	45.491	nq	99
81) Benzo(a)anthracene	14.00	228	1269710	43.711	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	447161	44.309	nq	99
83) Chrysene	14.03	228	1207901	42.832	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	880813	46.773	nq	99
85) Di-n-octyl phthalate	14.59	149	1353131	45.238	nq	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1036080	43.742	nq	100
88) Benzo(b)fluoranthene	15.05	252	1067125	42.082	nq	99
89) Benzo(k)fluoranthene	15.08	252	988183	40.009	nq	99
90) Benzo(a)pyrene	15.42	252	946304	41.746	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	833870	42.497	nq	98
92) Benzo(g,h,i)perylene	17.40	276	839285	43.553	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Instrument :

BNA_F

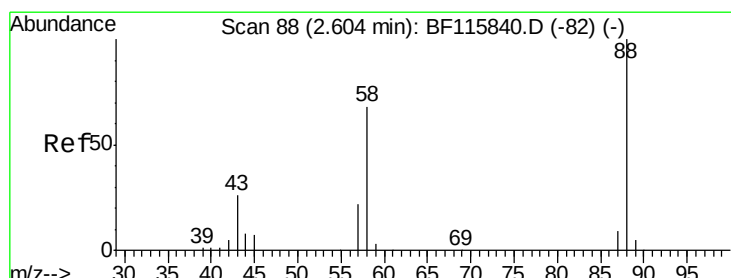
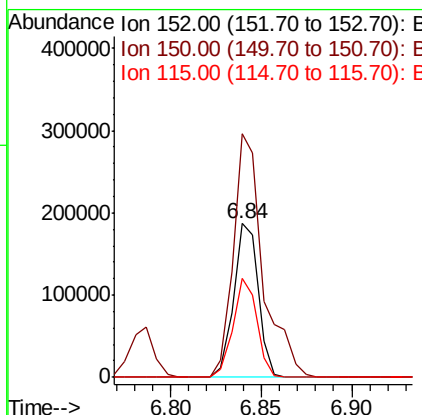
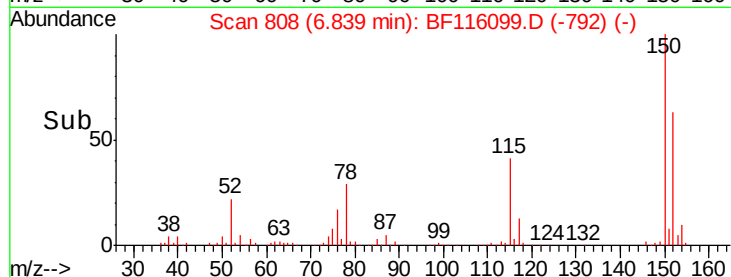
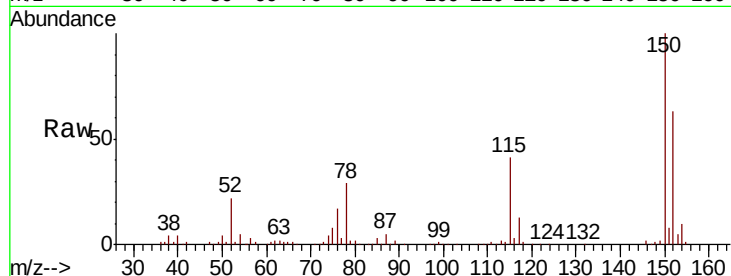
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	177206
Ion Ratio	Lower	Upper	
152	100		
150	158.6	126.2	189.2
115	64.6	49.9	74.9

Manual Integrations
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#2

1,4-Dioxane

Concen: 38.306 ng

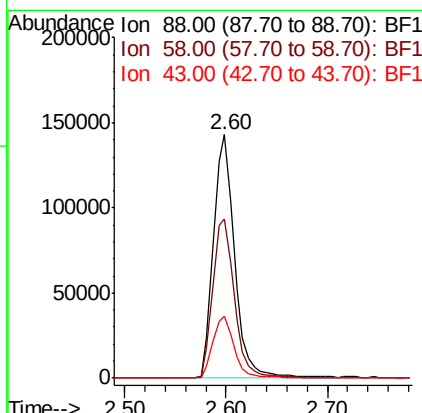
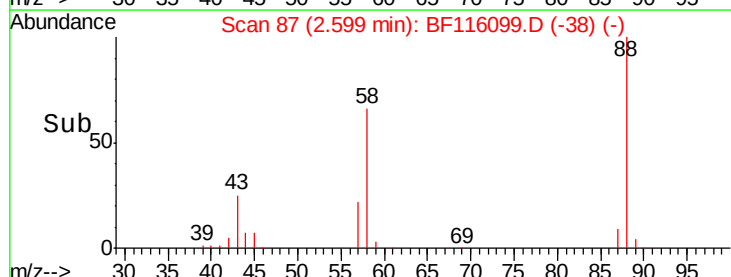
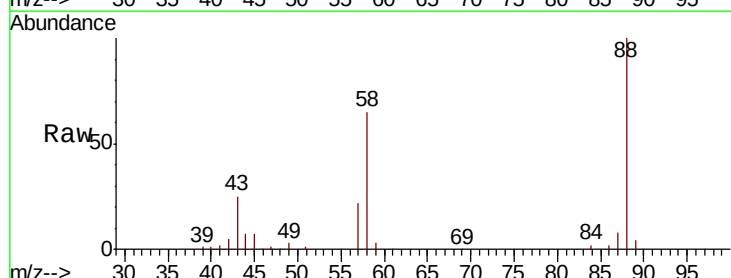
RT: 2.60 min Scan# 87

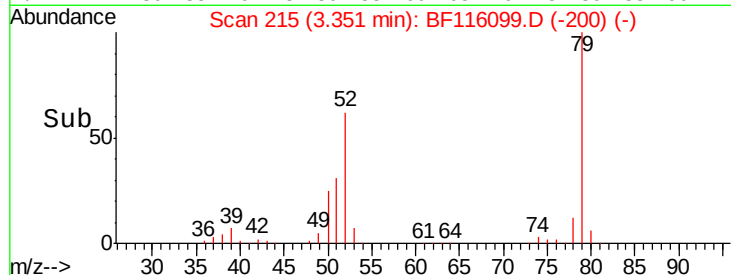
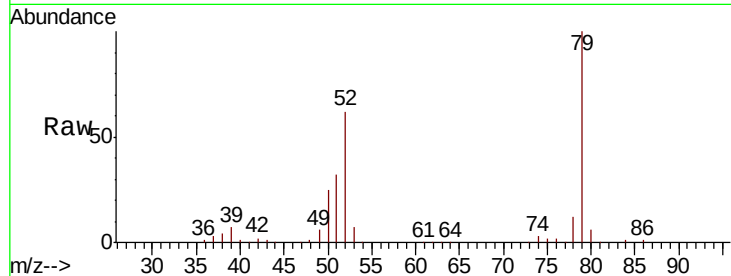
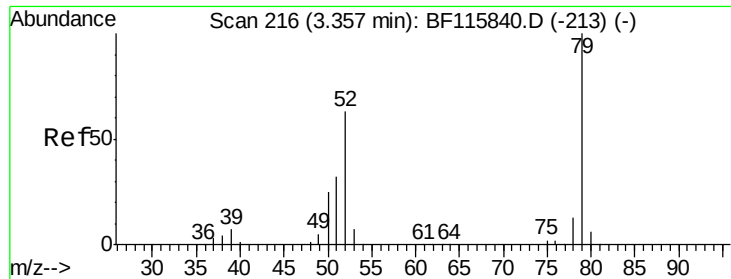
Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Tgt Ion:	88	Resp:	204847
Ion Ratio	Lower	Upper	
88	100		
58	67.9	53.7	80.5
43	26.0	21.0	31.4





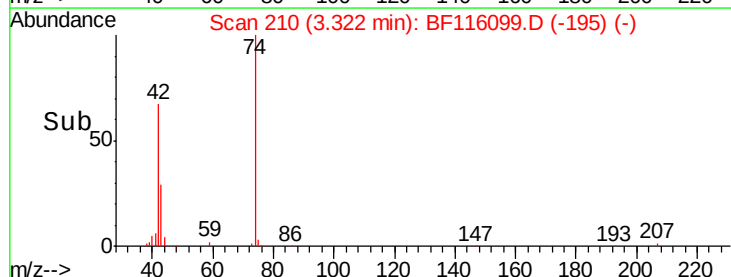
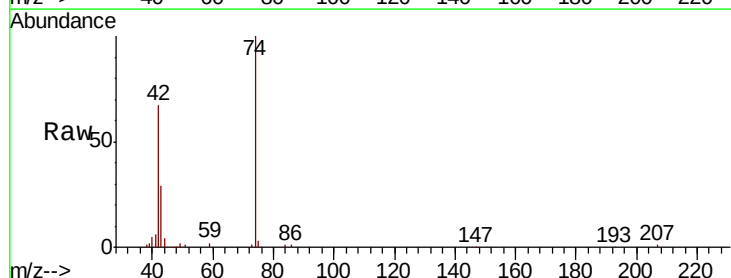
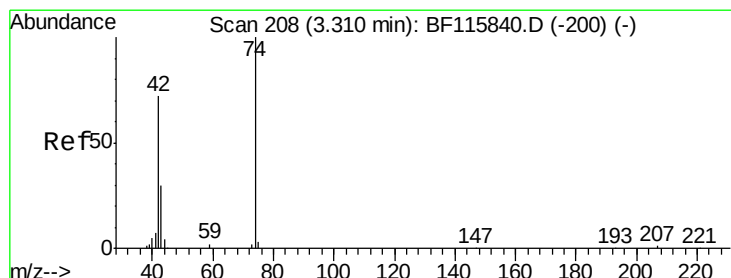
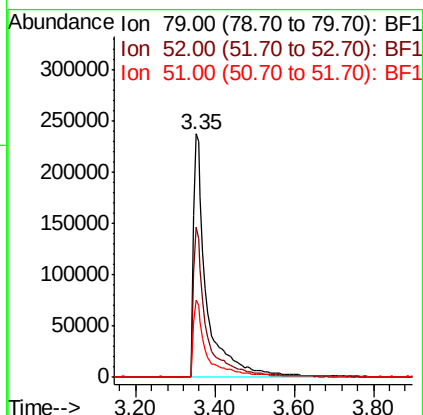
#3
Pvridine
Concen: 37.735 ng
RT: 3.35 min Scan# 215
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.6	49.8	74.8
51	31.7	25.2	37.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

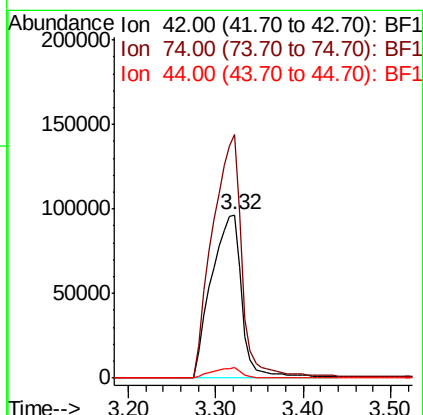
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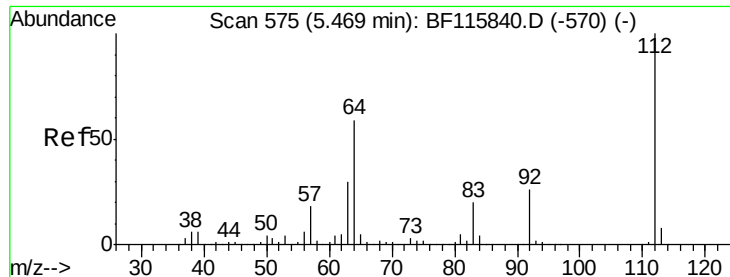
Sohil
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#4
n-Nitrosodimethylamine
Concen: 39.822 ng
RT: 3.32 min Scan# 210
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.1	116.0	174.0
44	6.2	4.6	7.0





#5

2-Fluorophenol

Concen: 82.684 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Instrument :

BNA_F

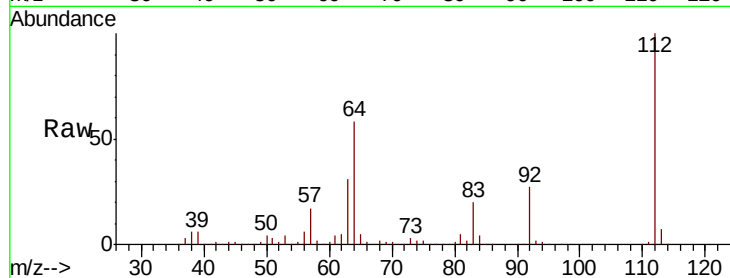
ClientSampled :

SSTDCCC040

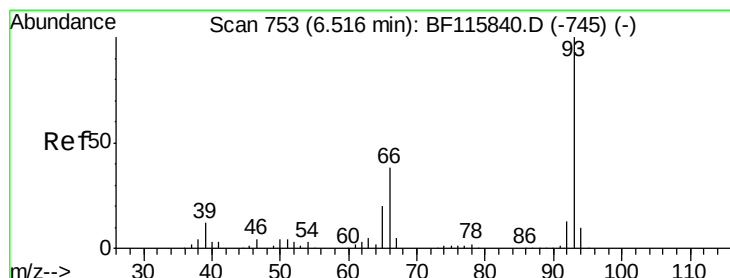
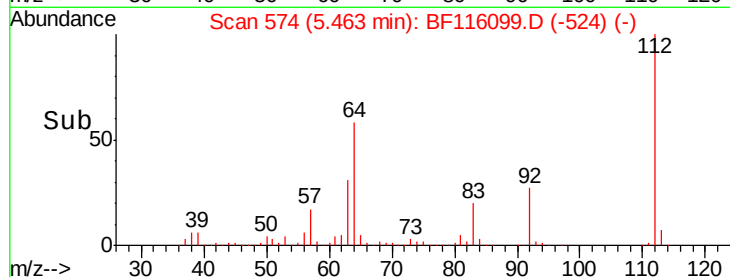
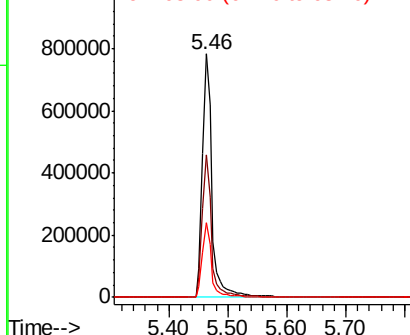
Tot Ion:	112	Resp:	875247
Ion Ratio	Lower	Upper	
112	100		
64	58.4	45.4	68.2
63	30.5	23.7	35.5

Manual Integrations
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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: 39.651 ng

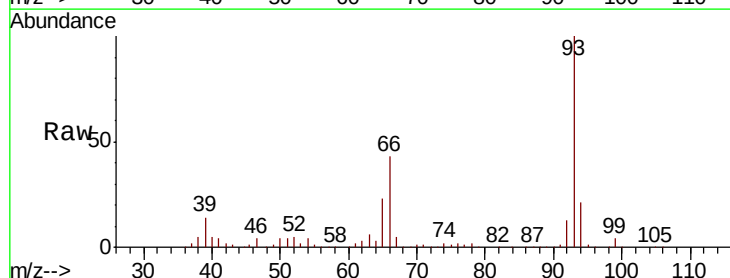
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

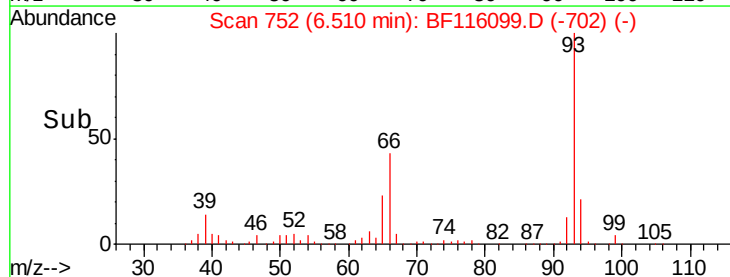
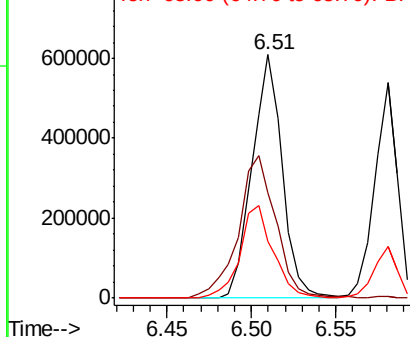
Lab File: BF116099.D

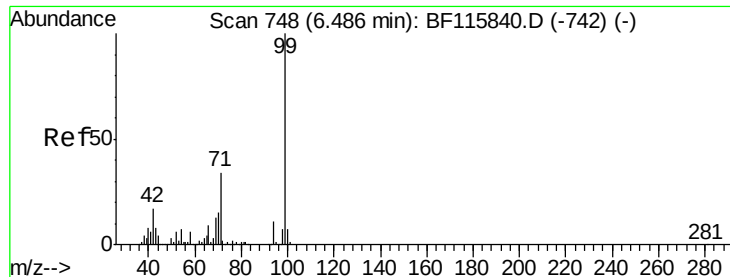
Acq: 9 Aug 2019 8:46

Tgt Ion:	93	Resp:	758382
Ion Ratio	Lower	Upper	
93	100		
66	43.2	32.2	48.4
65	23.5	17.0	25.6



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: 83.386 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1113654

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.8

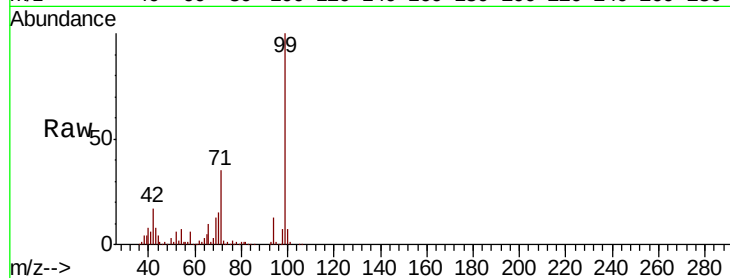
71 34.6 27.3 40.9

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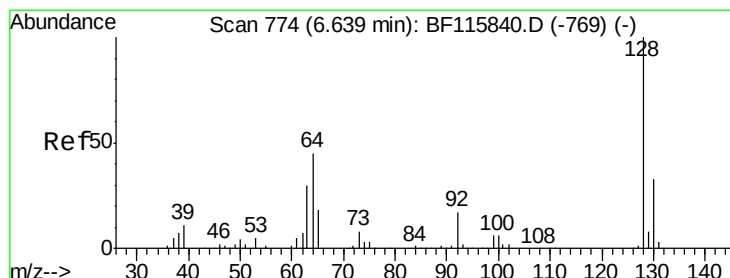
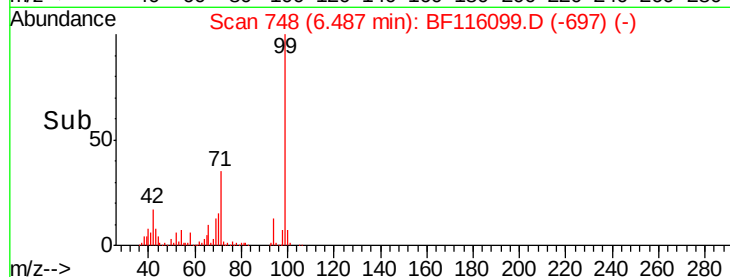
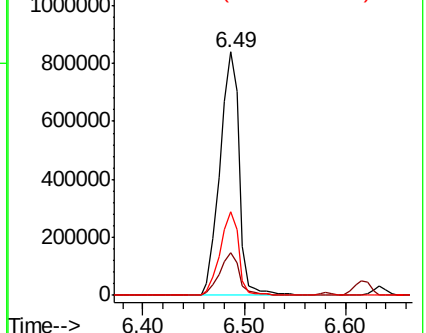
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.169 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

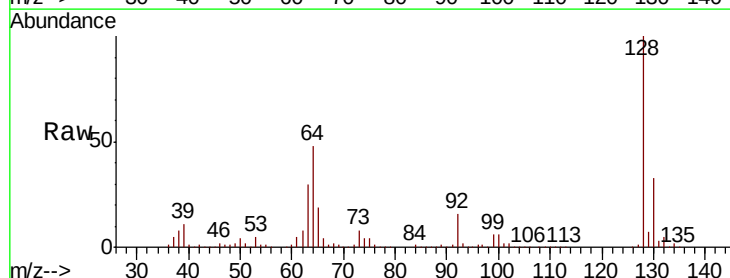
Tgt Ion: 128 Resp: 505306

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

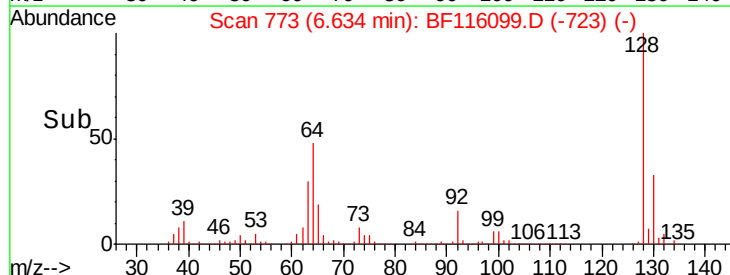
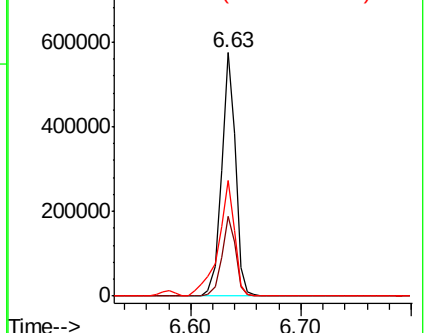
64 47.5 24.3 64.3

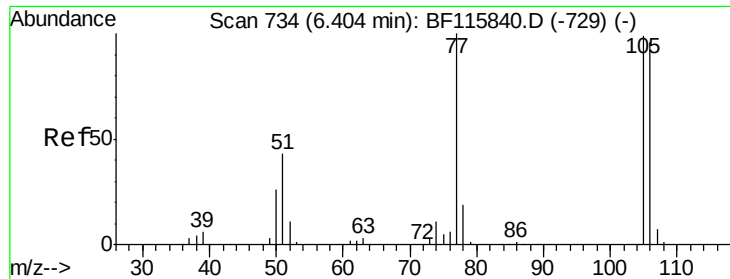


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





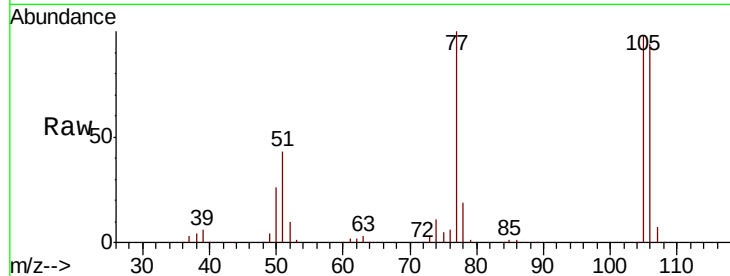
#9
Benzaldehyde
Concen: 37.538 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
105	98.1	79.2	119.2	
106	94.1	74.3	114.3	

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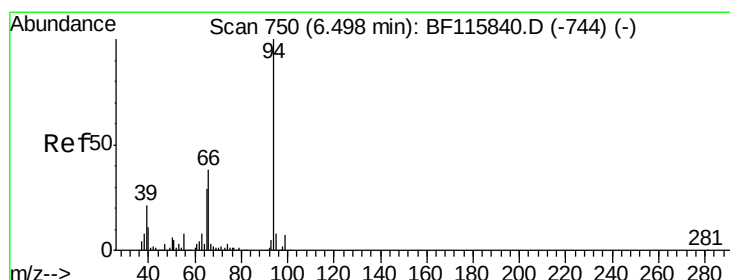
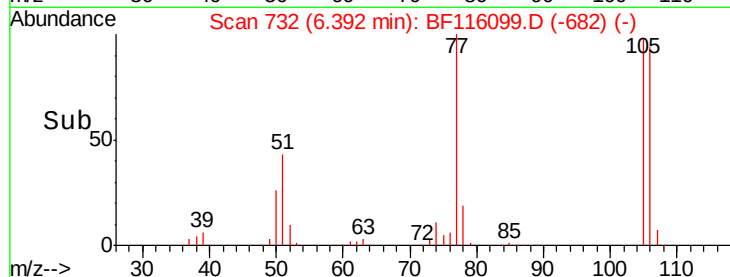
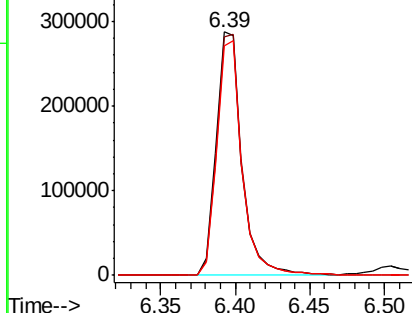


Abundance

Ion 77.00 (76.70 to 77.70): BF1

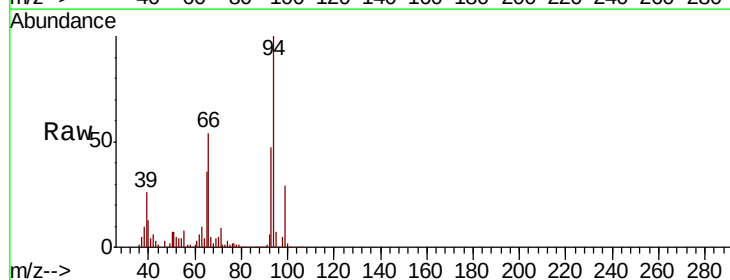
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10
Phenol
Concen: 40.646 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Resp	Lower	Upper
94	100			
65	36.4	16.8	56.8	
66	54.2	34.2	74.2	

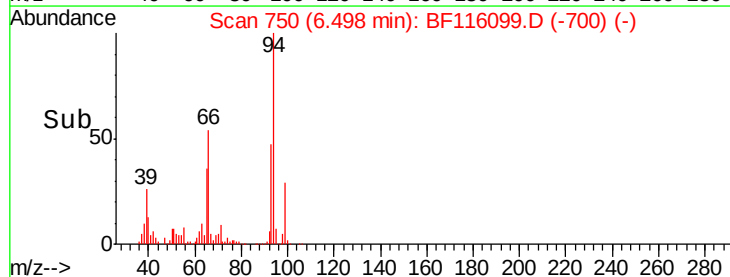
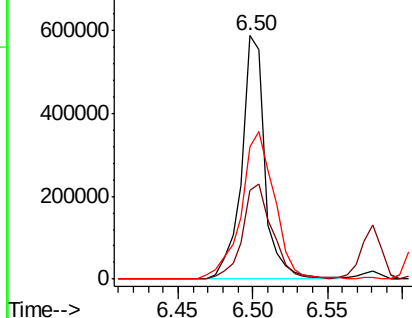


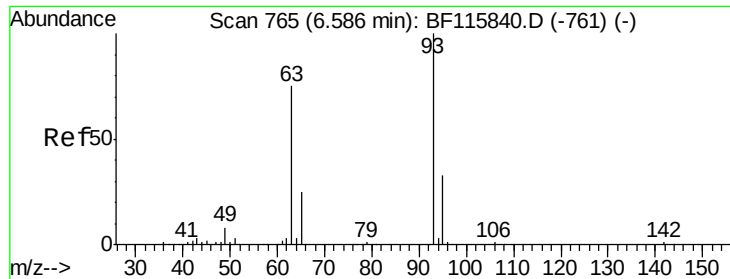
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





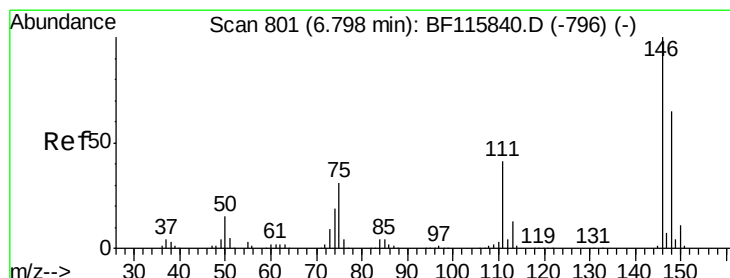
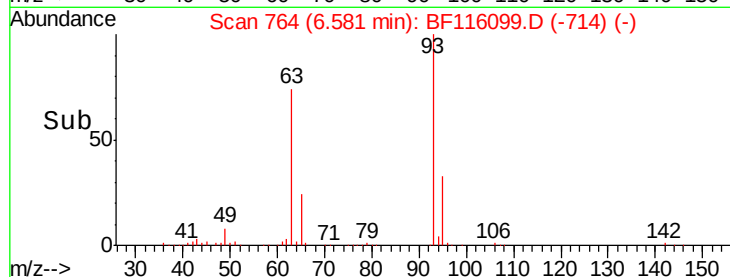
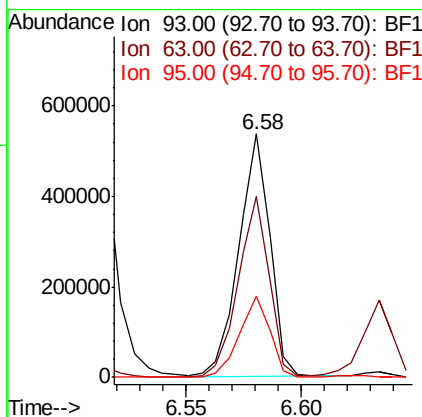
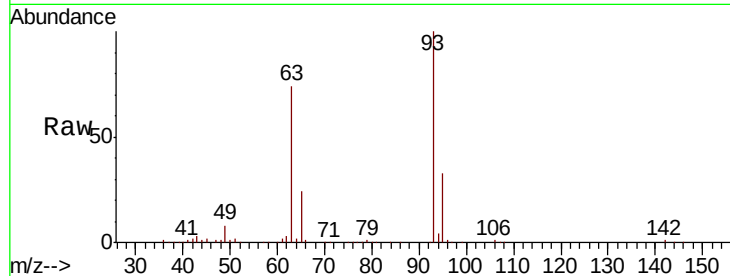
#11
bis(2-Chloroethyl)ether
Concen: 43.637 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	504563
Ion	Ratio	Lower	Upper
93	100		
63	74.1	51.9	91.9
95	33.1	13.0	53.0

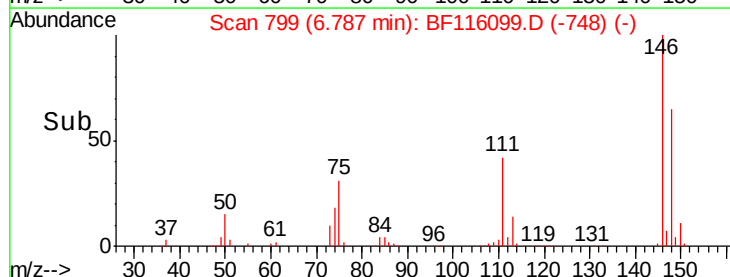
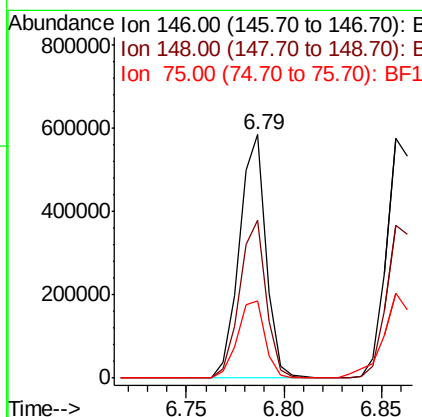
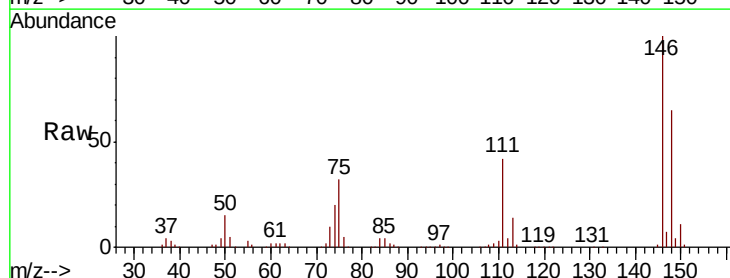
Manual Integrations
APPROVED

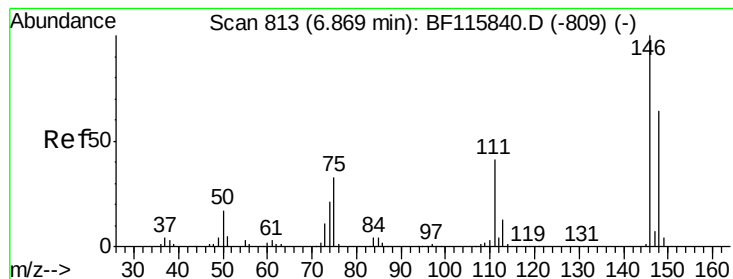
Sohil
8/13/2019 7:17:38 AM



#12
1,3-Dichlorobenzene
Concen: 40.821 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	146	Resp	552220
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.3	76.9
75	31.6	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 41.489 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Instrument :

BNA_F

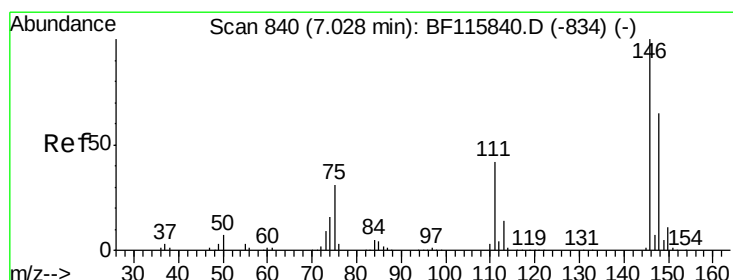
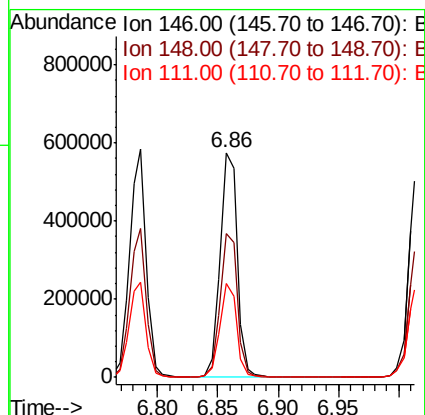
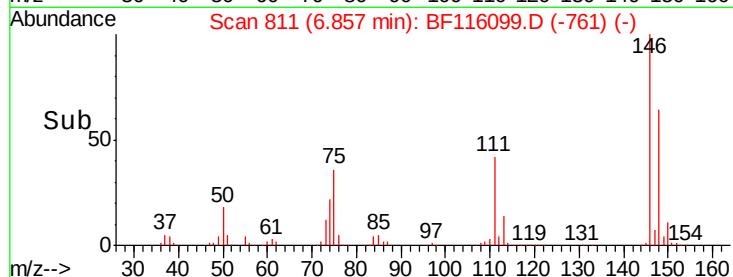
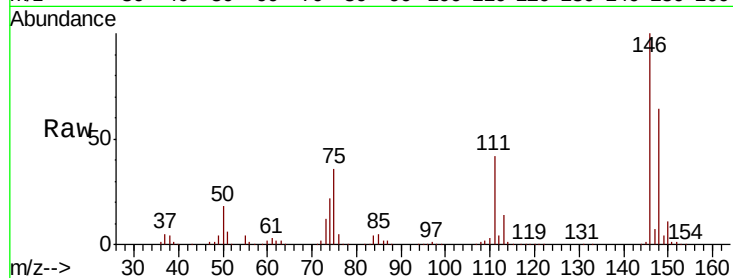
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	561970
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.3	76.9
111	42.1	34.0	51.0

Manual Integrations
APPROVED

Sohil
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#14

1,2-Dichlorobenzene

Concen: 40.584 ng

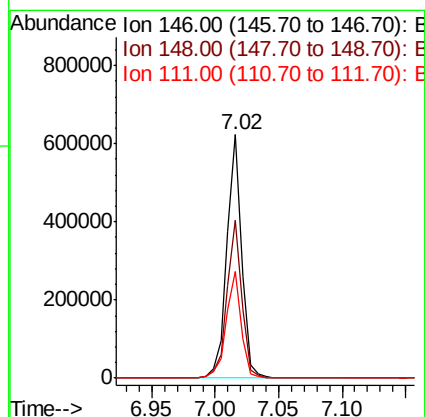
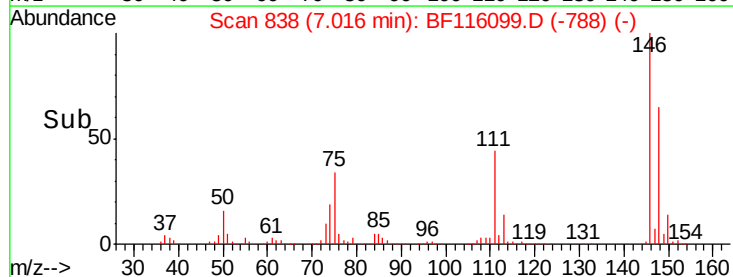
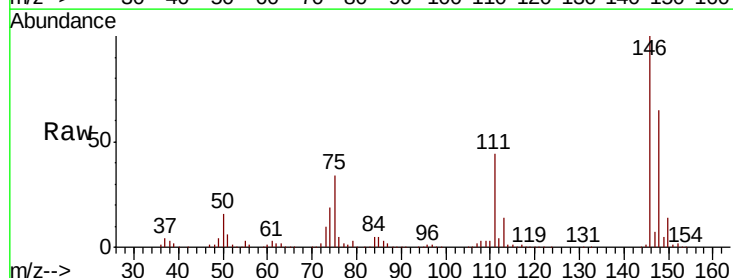
RT: 7.02 min Scan# 838

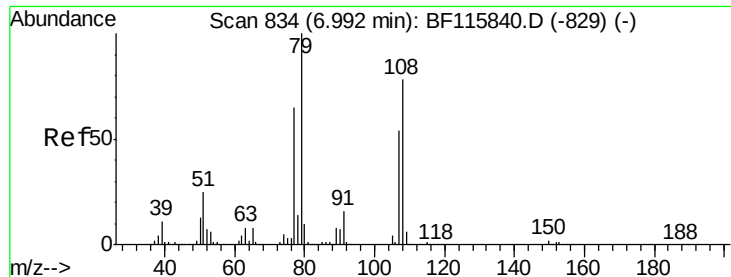
Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Tgt Ion:	146	Resp:	506165
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.2	76.8
111	43.9	33.5	50.3





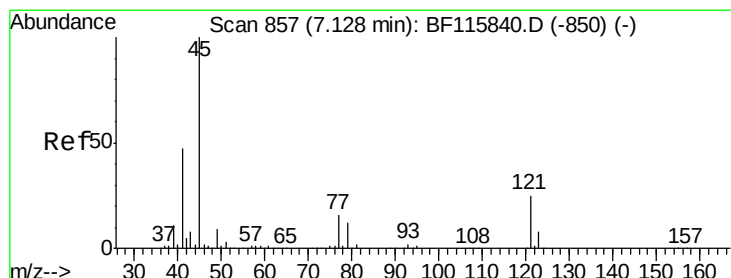
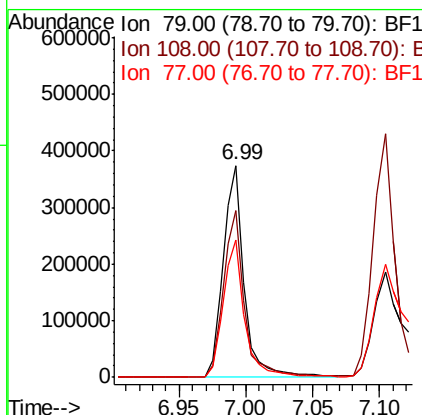
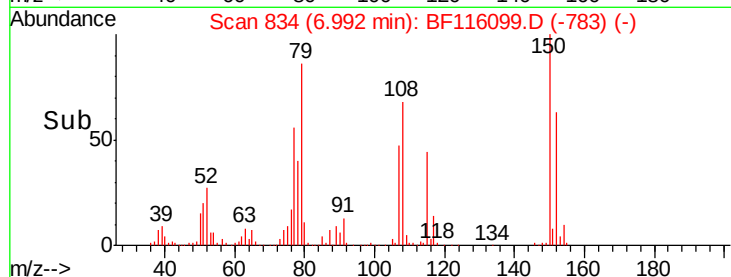
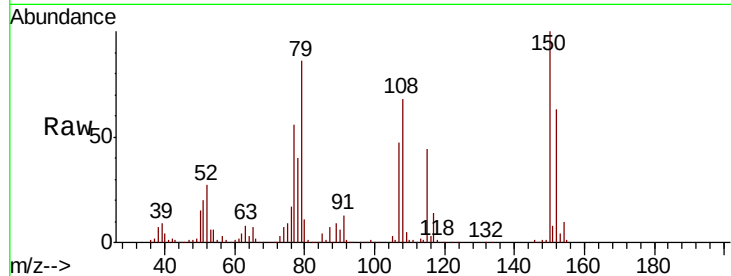
#15
Benzyl Alcohol
Concen: 41.111 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	62.7	94.1
77	64.7	52.2	78.2

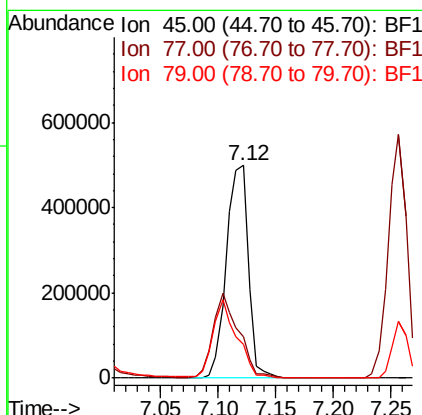
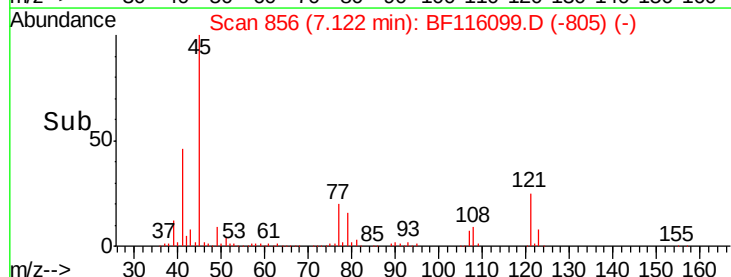
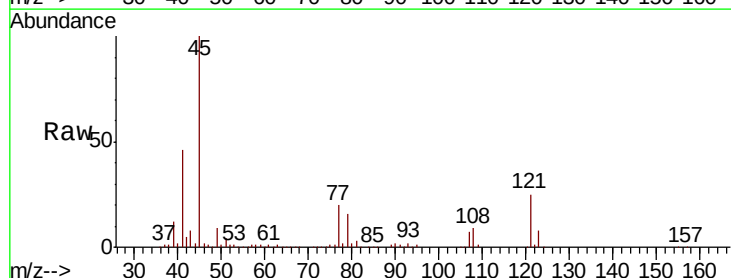
Manual Integrations
APPROVED

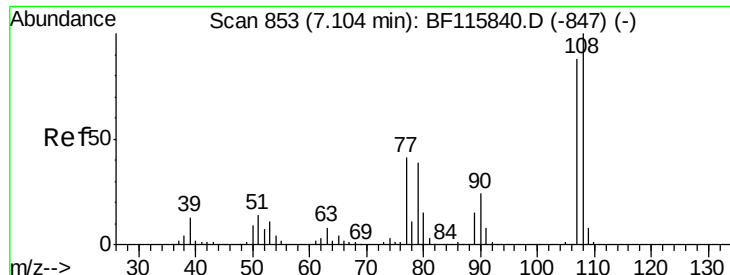
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.929 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.6	0.0	40.0
79	16.0	0.0	35.9





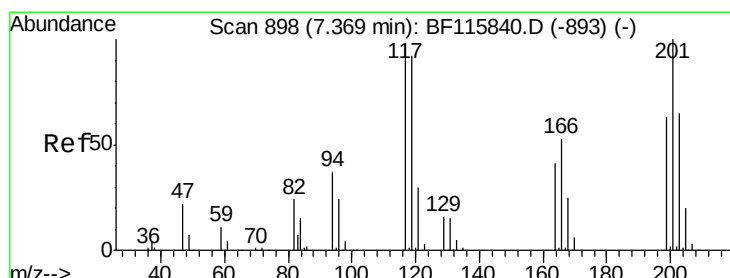
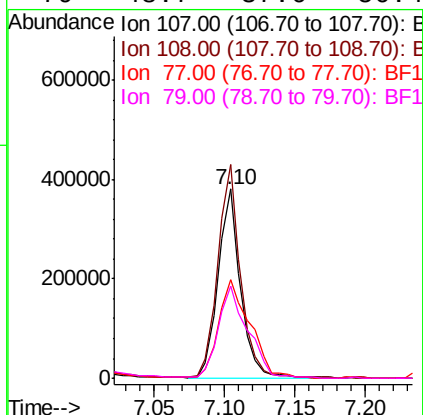
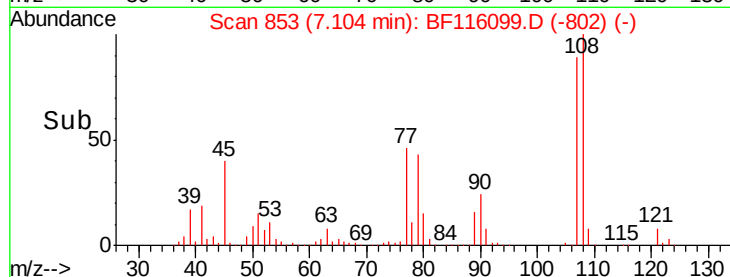
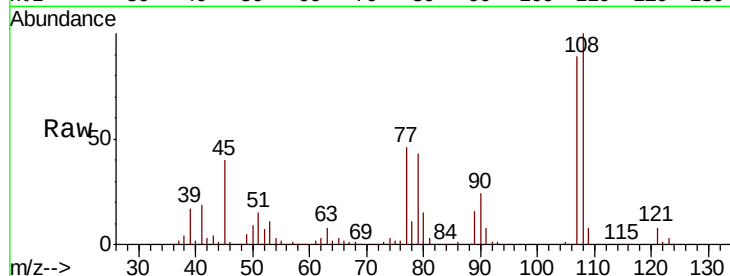
#17
2-Methylphenol
Concen: 42.382 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	91.2	136.8	
77	52.3	40.3	60.5	
79	48.7	37.6	56.4	

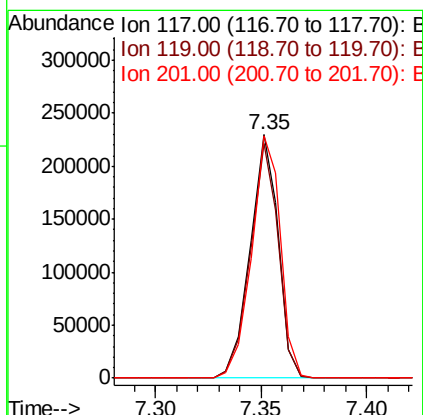
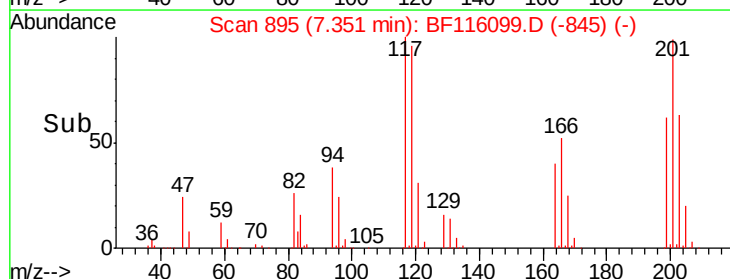
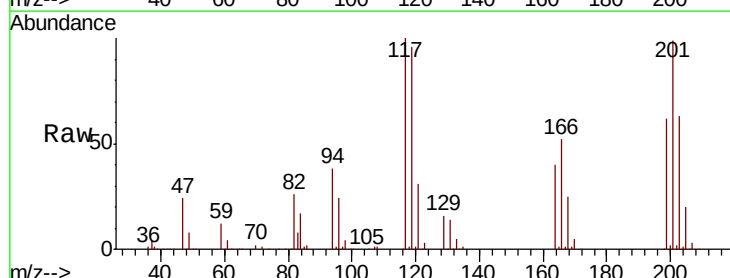
Manual Integrations
APPROVED

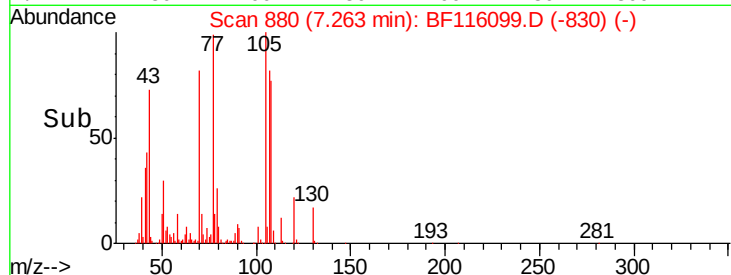
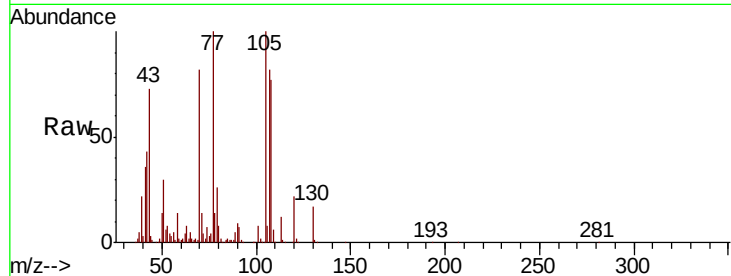
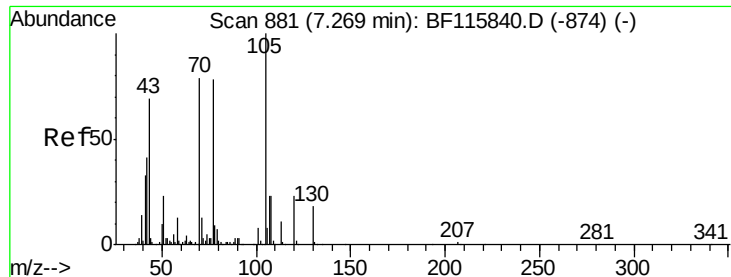
Sohil
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#18
Hexachloroethane
Concen: 42.502 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	76.1	114.1	
201	99.3	77.0	115.4	





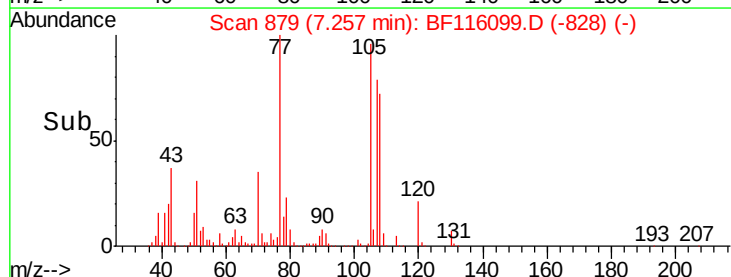
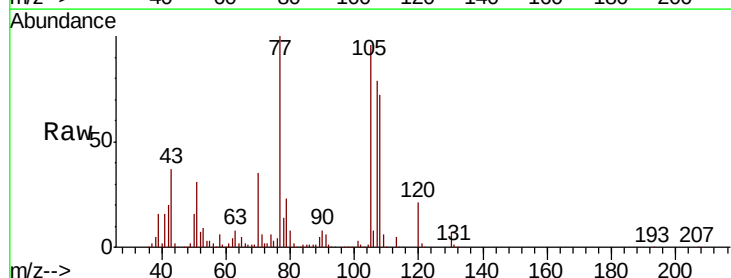
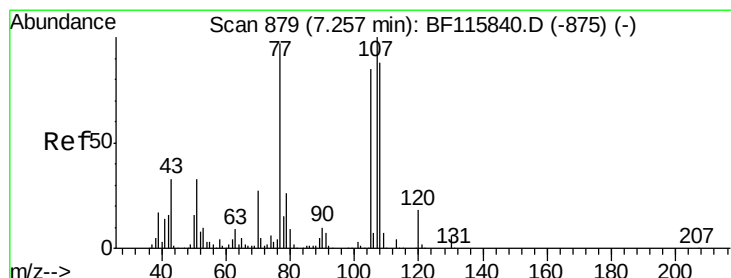
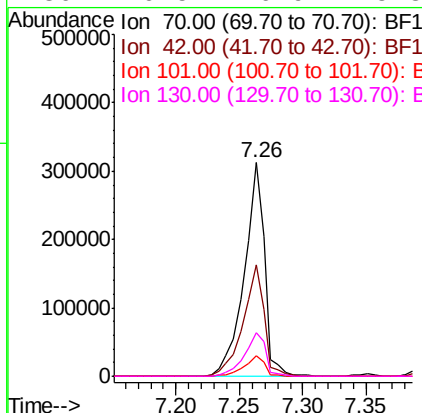
#19
n-Nitroso-di-n-propylamine
Concen: 41.967 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.4	40.9	61.3
101	9.8	7.9	11.9
130	20.5	16.9	25.3

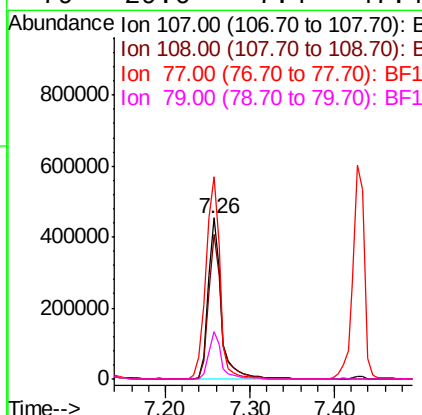
Manual Integrations
APPROVED

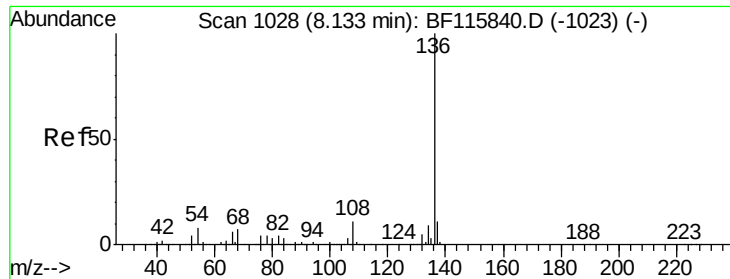
Sohil
8/13/2019 7:17:38 AM



#20
3+4-Methylphenols
Concen: 41.594 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.6	107.6
77	126.0	104.4	144.4
79	29.6	7.4	47.4





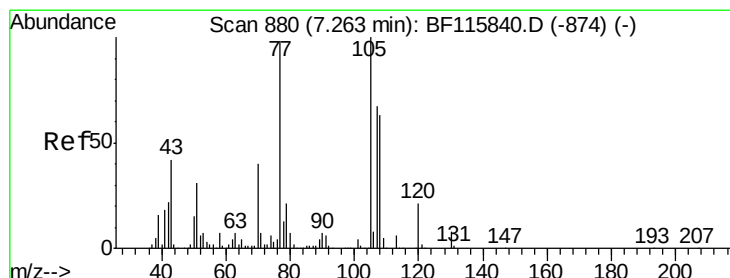
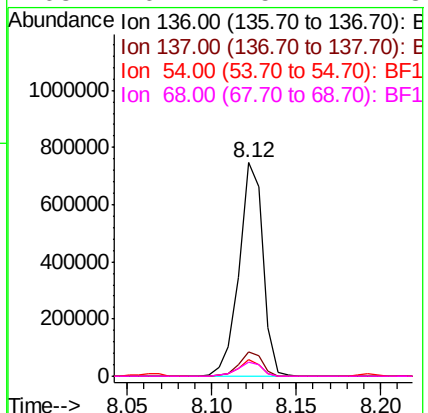
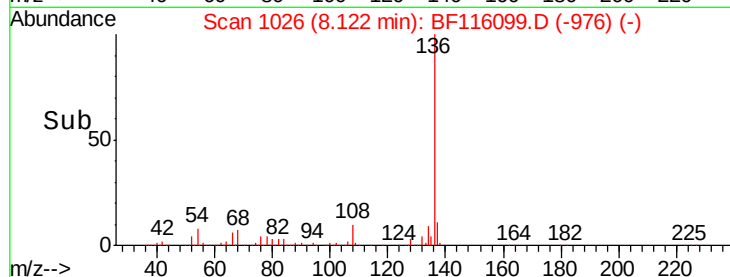
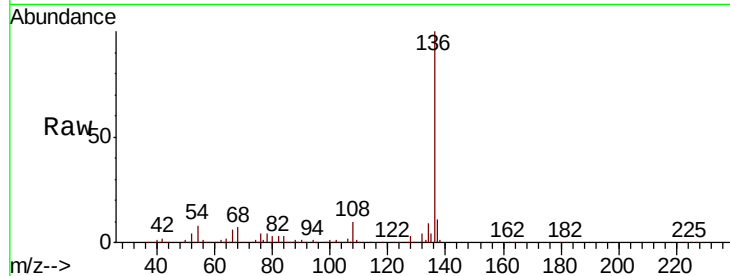
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.4	
54	7.6	5.8	8.6	
68	6.7	5.2	7.8	

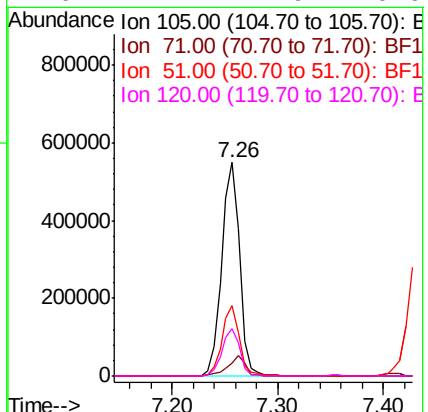
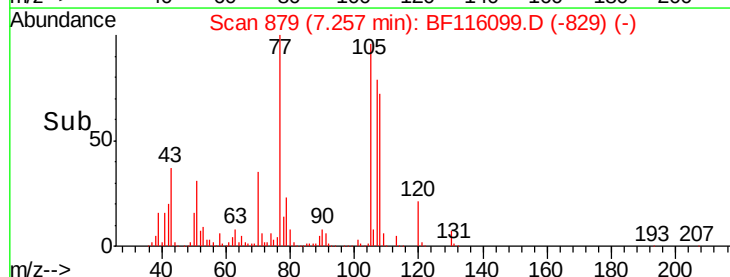
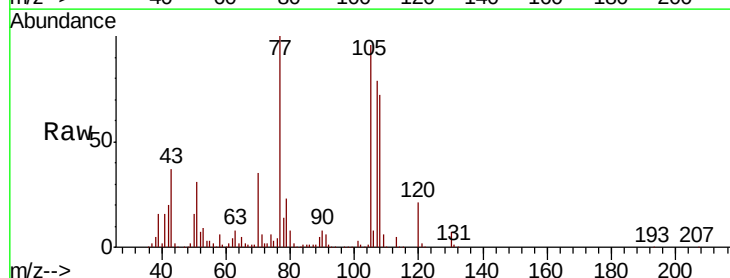
Manual Integrations
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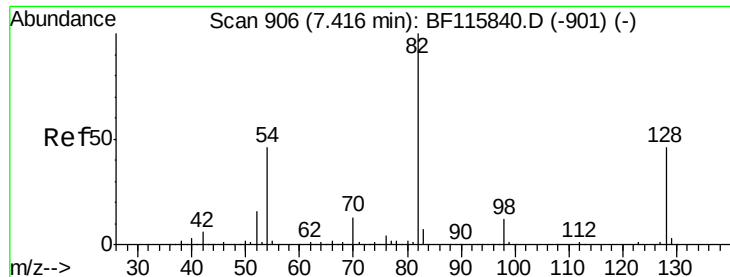
Sohil
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#22
Acetophenone
Concen: 40.425 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.2	5.9	8.9	
51	32.8	25.3	37.9	
120	22.2	17.9	26.9	





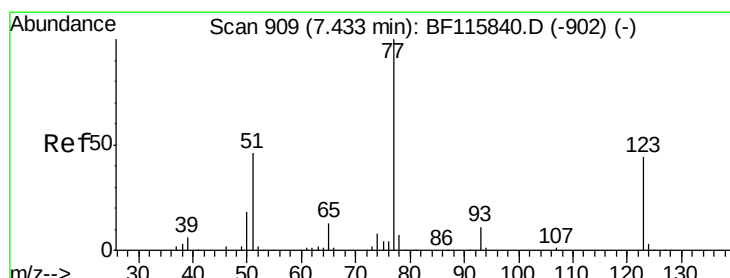
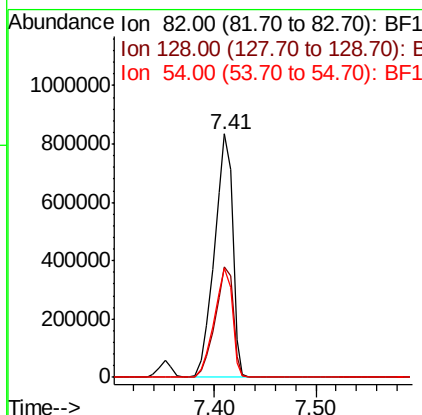
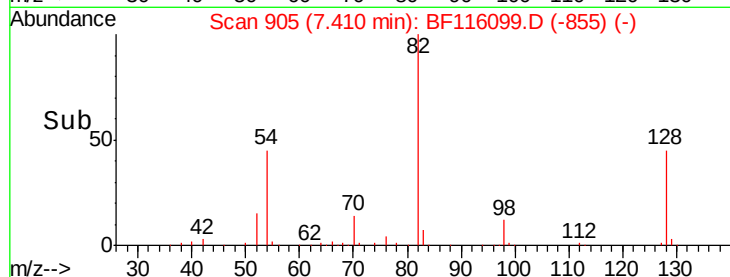
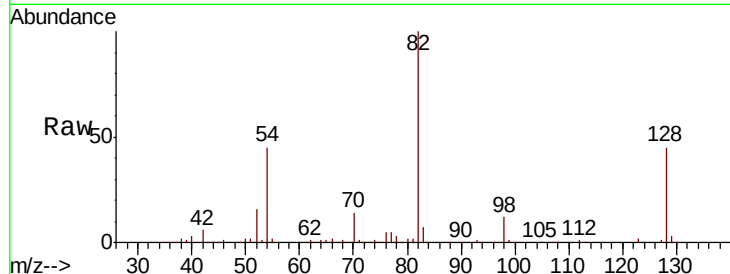
#23
Nitrobenzene-d5
Concen: 81.867 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1042628
Ion Ratio Lower Upper
82 100
128 45.3 36.5 54.7
54 45.1 36.0 54.0

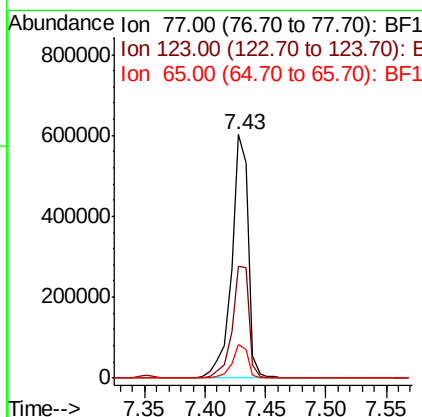
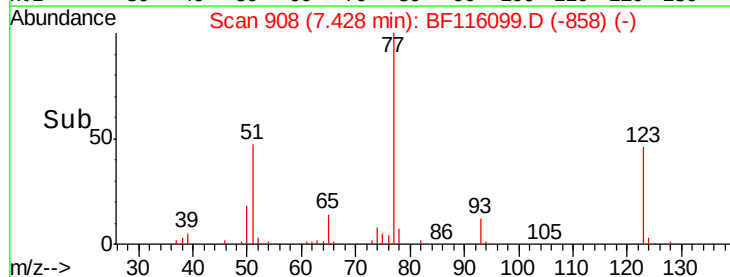
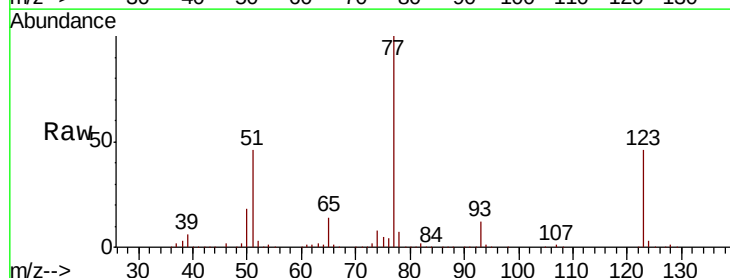
Manual Integrations
APPROVED

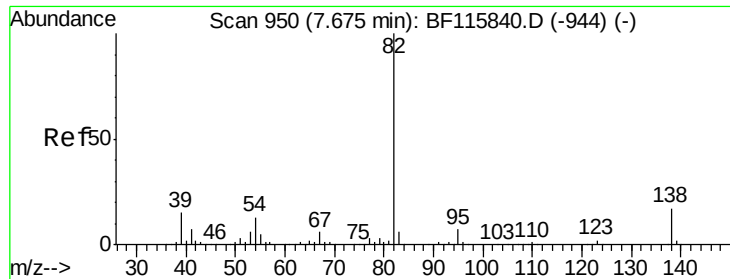
Sohil
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#24
Nitrobenzene
Concen: 41.506 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion: 77 Resp: 570775
Ion Ratio Lower Upper
77 100
123 45.8 36.7 55.1
65 13.8 10.6 16.0





#25

Isophorone

Concen: 42.637 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1038321

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

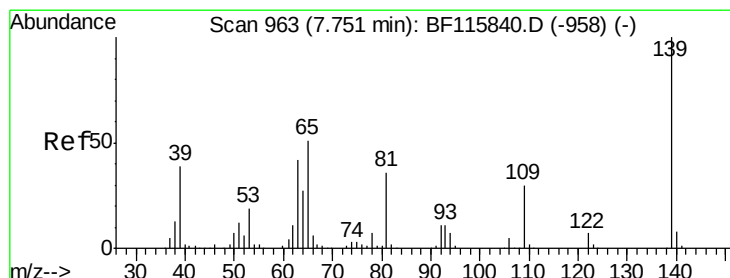
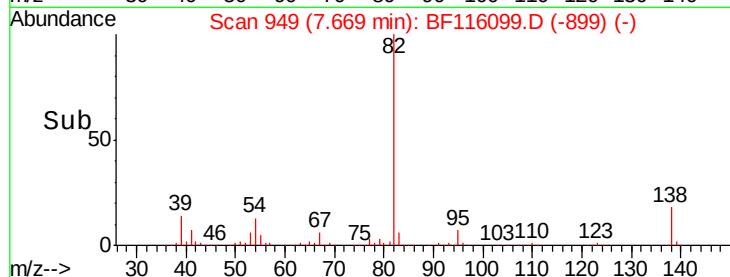
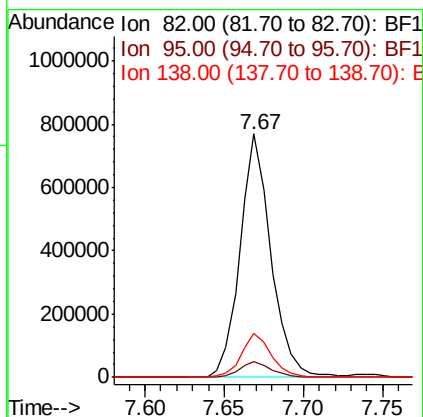
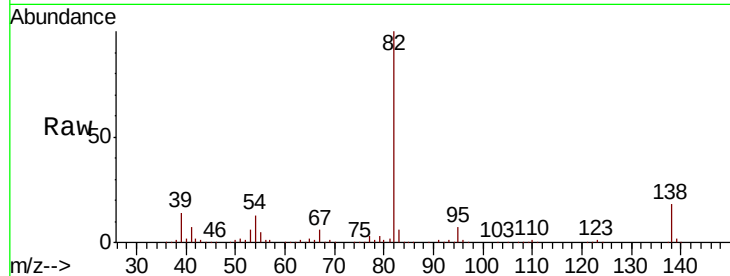
138 17.8 14.5 21.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.699 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

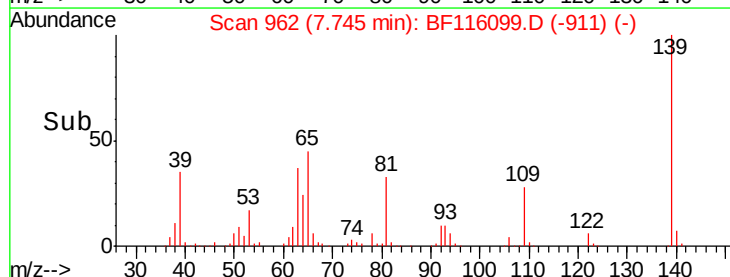
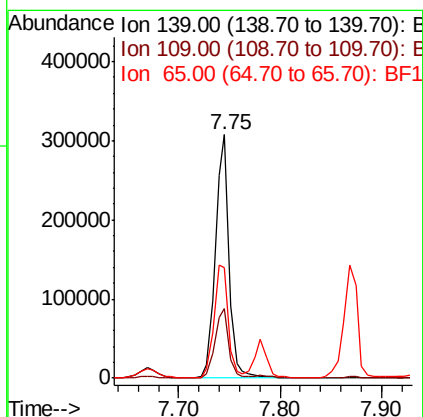
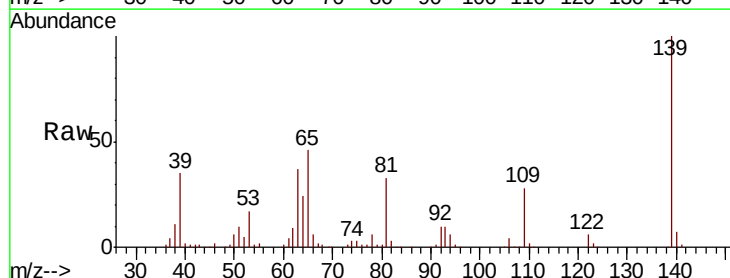
Tgt Ion: 139 Resp: 289747

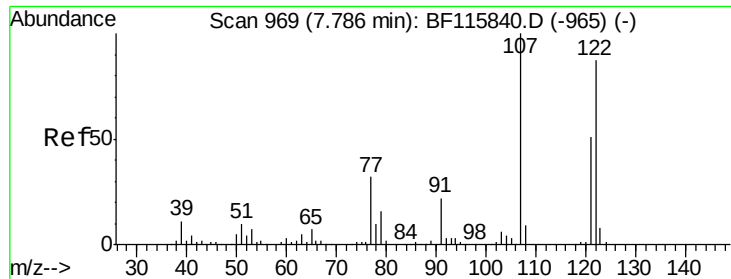
Ion Ratio Lower Upper

139 100

109 28.3 23.4 35.2

65 45.5 41.1 61.7





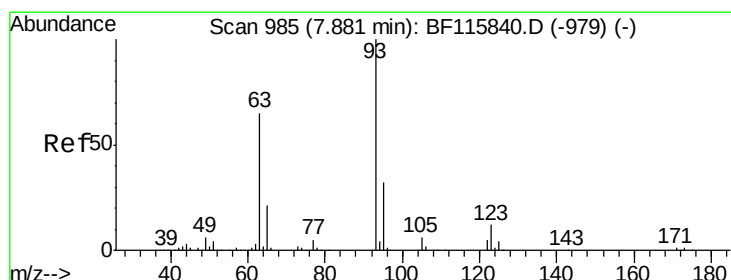
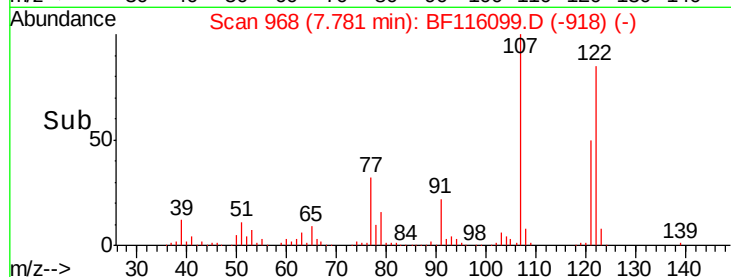
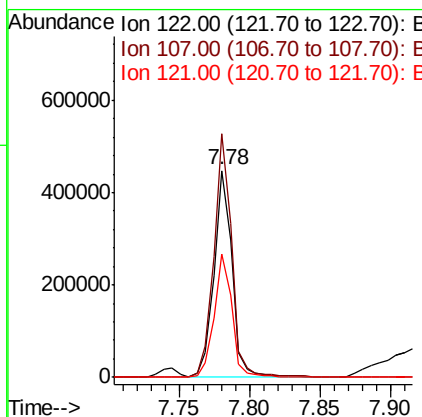
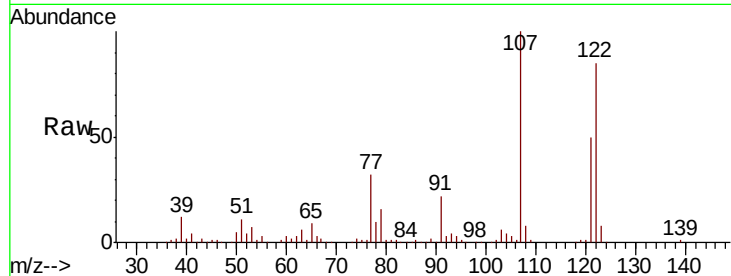
#27
2,4-Dimethylphenol
Concen: 40.608 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	396030		
107	117.9	93.0	139.6	
121	59.5	47.6	71.4	

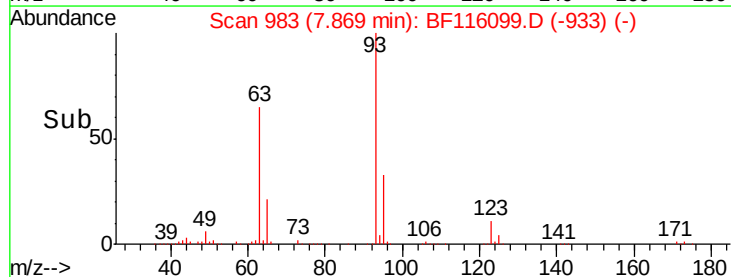
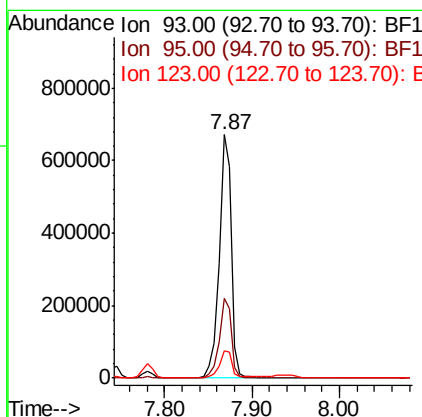
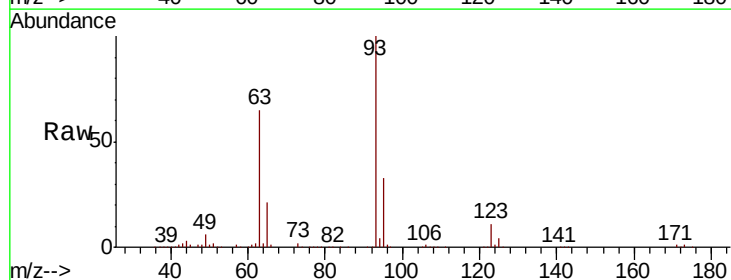
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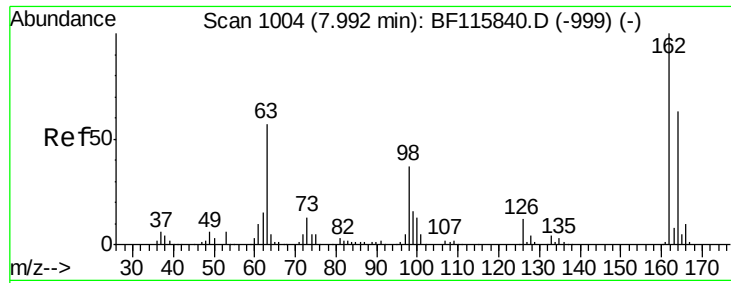
Sohil
8/13/2019 7:17:38 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.784 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	645791		
95	33.0	26.2	39.4	
123	11.3	9.2	13.8	





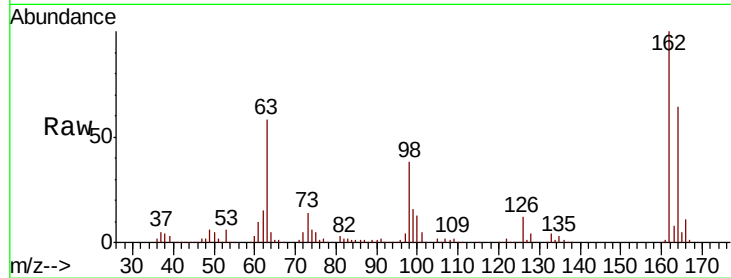
#29
2,4-Dichlorophenol
Concen: 42.416 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	436770		
164	63.6	45.1	85.1	
98	37.8	15.8	55.8	

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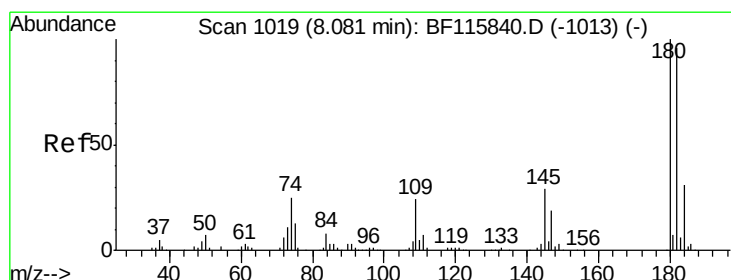
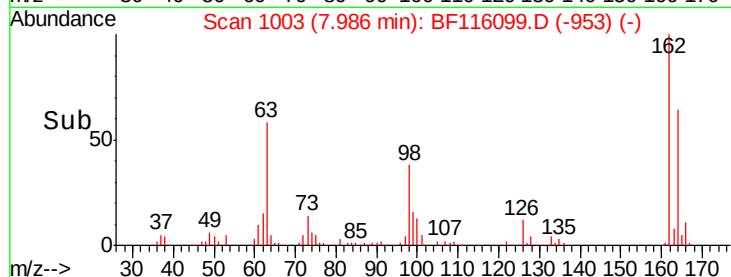
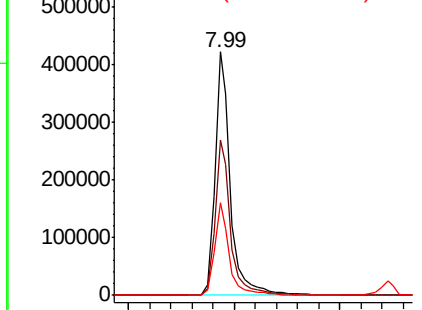


Abundance

Ion 162.00 (161.70 to 162.70): E

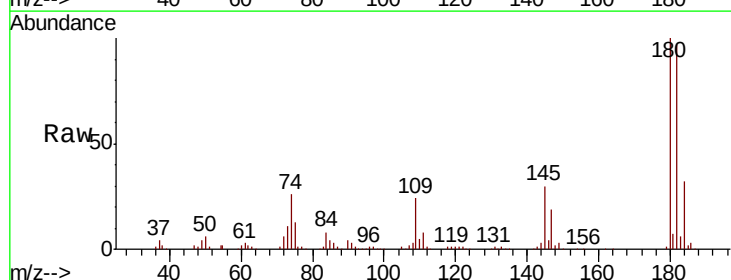
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.299 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	484764		
182	96.8	75.7	113.5	
145	30.0	24.3	36.5	

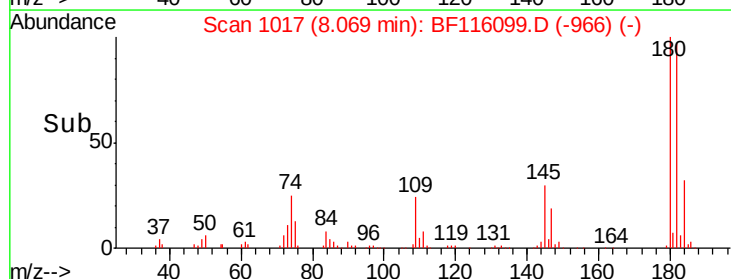
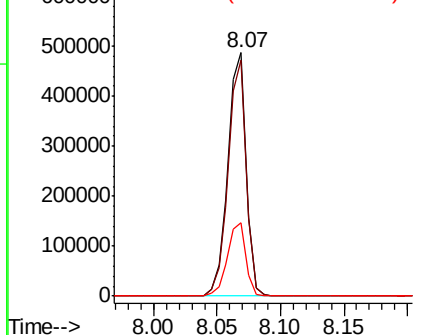


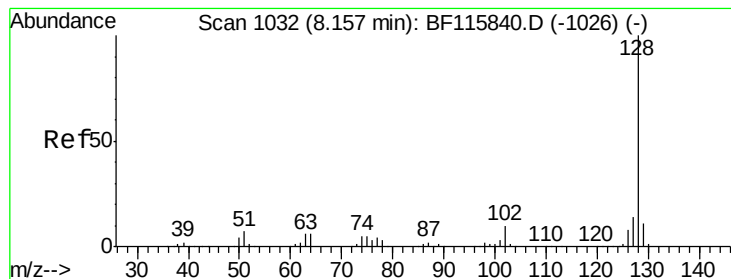
Abundance

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: 41.171 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1424279

Ion Ratio Lower Upper

128 100

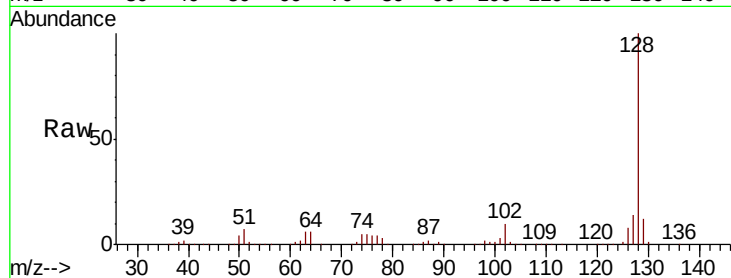
129 11.9 9.3 13.9

127 14.2 11.4 17.0

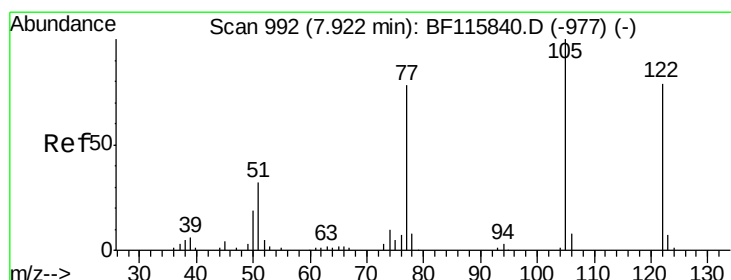
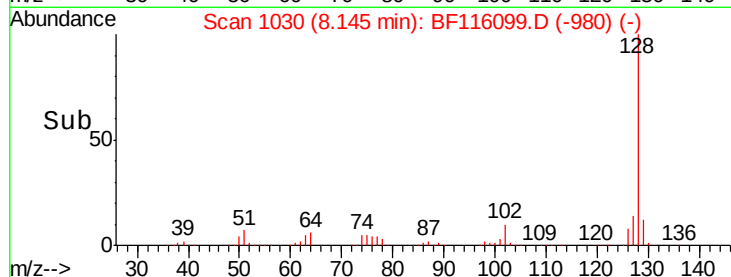
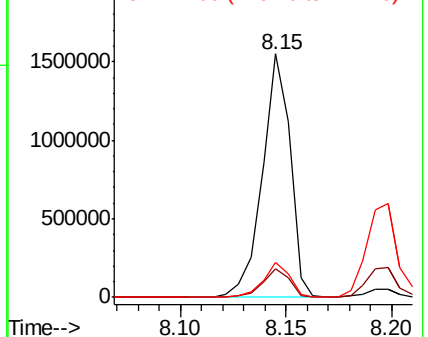
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.911 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

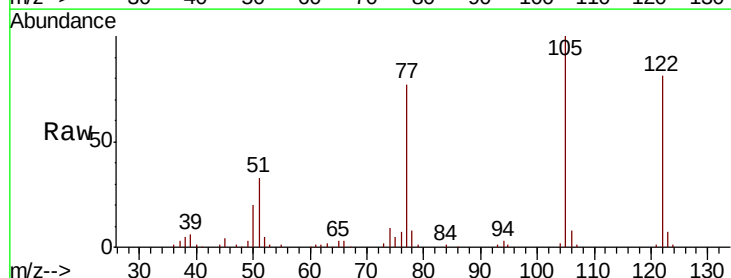
Tgt Ion:122 Resp: 281292

Ion Ratio Lower Upper

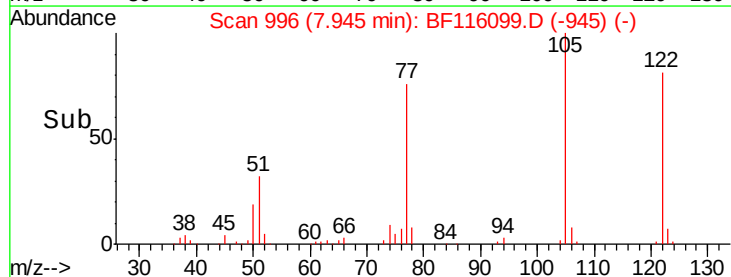
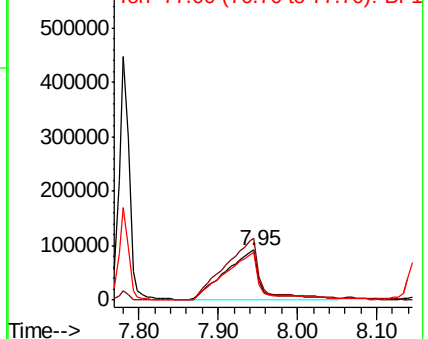
122 100

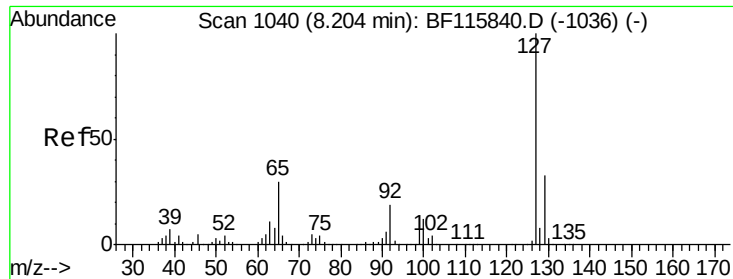
105 122.9 106.1 146.1

77 94.8 76.7 116.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





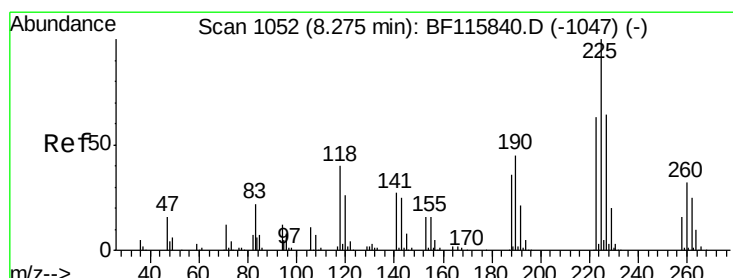
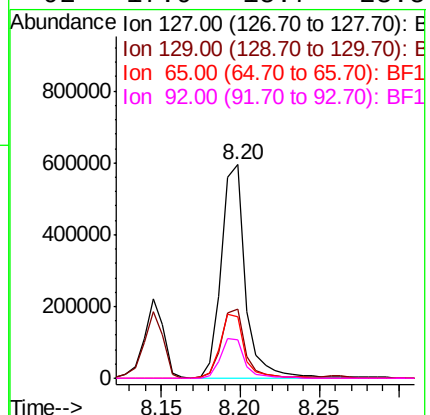
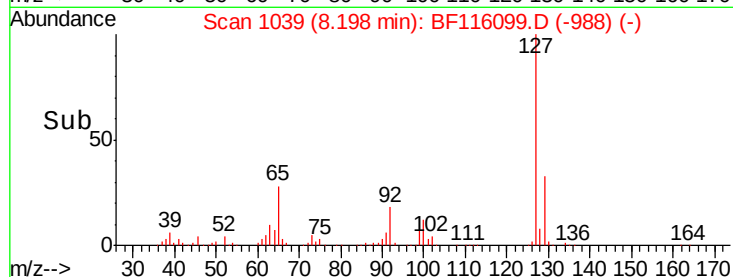
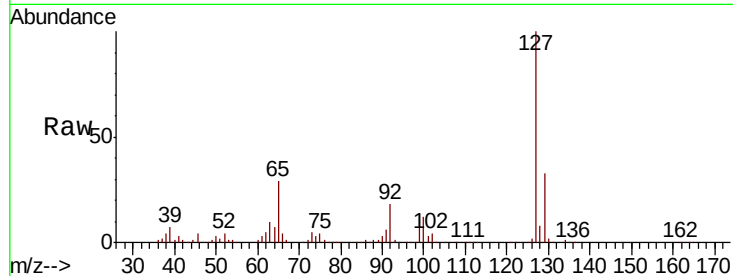
#33
4-Chloroaniline
Concen: 40.415 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.1	39.1		
65	28.5	24.9	37.3		
92	17.9	15.7	23.5		

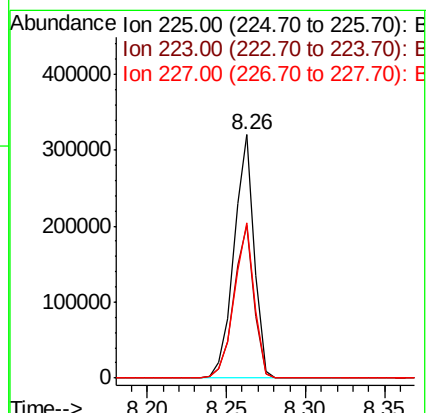
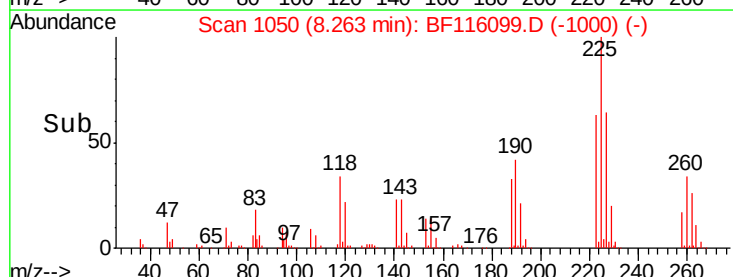
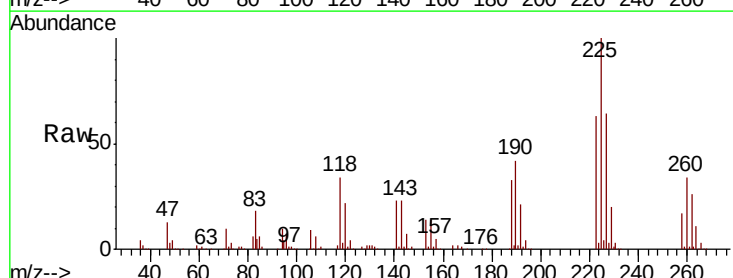
Manual Integrations
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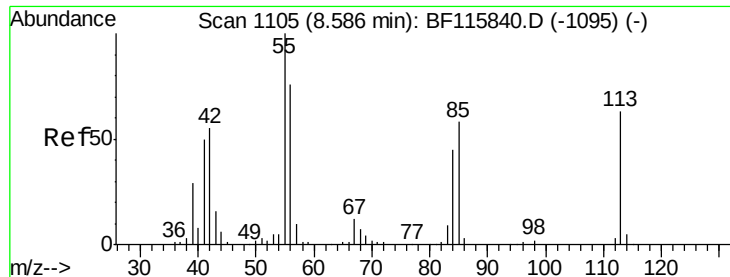
Sohil
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#34
Hexachlorobutadiene
Concen: 41.742 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.0	75.0		
227	64.0	51.0	76.4		





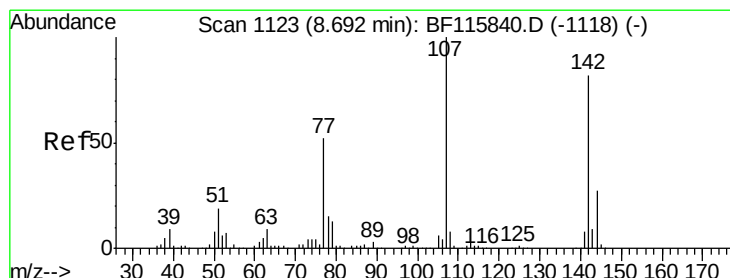
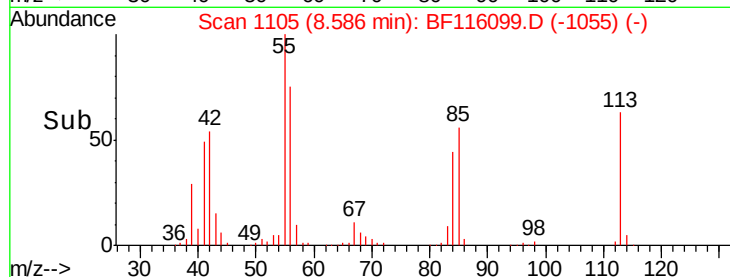
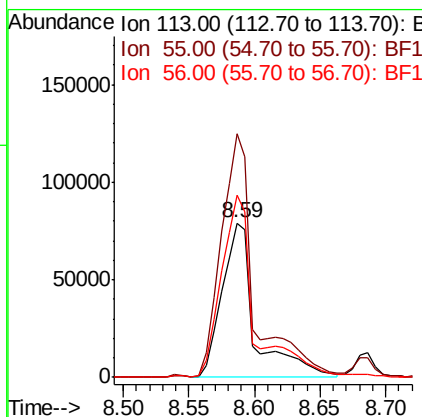
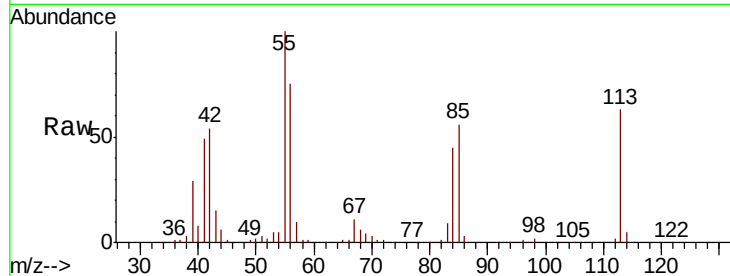
#35
 Caprolactam
 Concen: 41.729 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	157.8		144.3	184.3	
56	118.4		97.1	137.1	

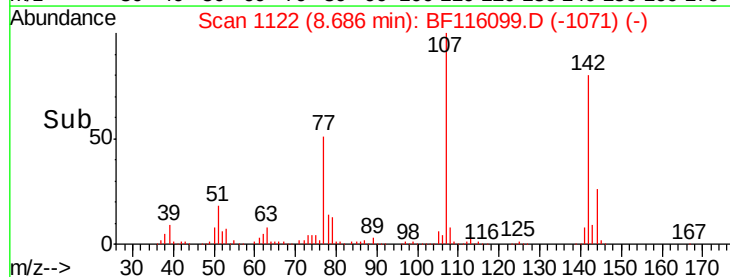
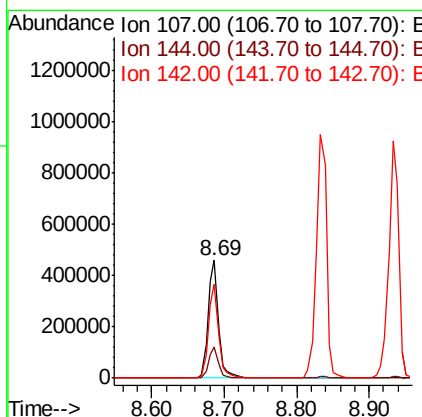
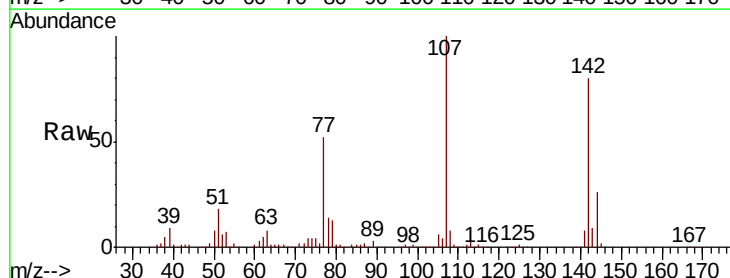
Manual Integrations
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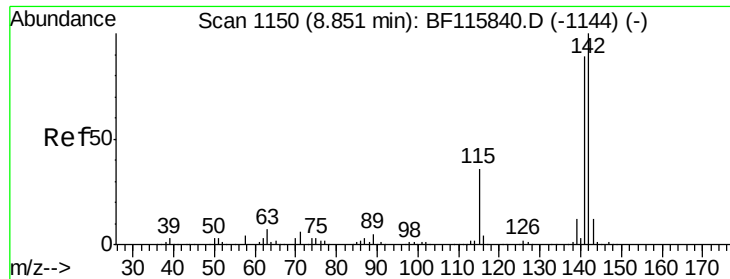
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 42.520 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.1		20.2	30.2	
142	80.1		61.7	92.5	





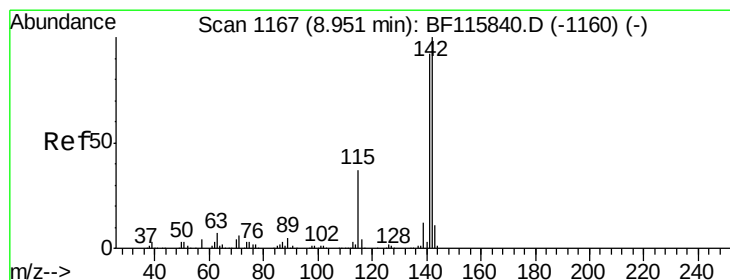
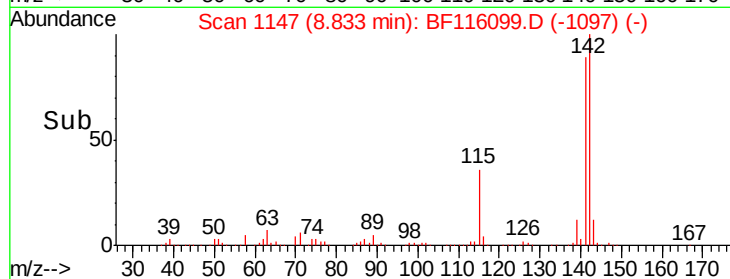
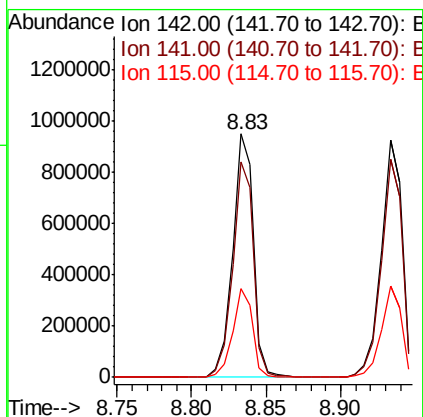
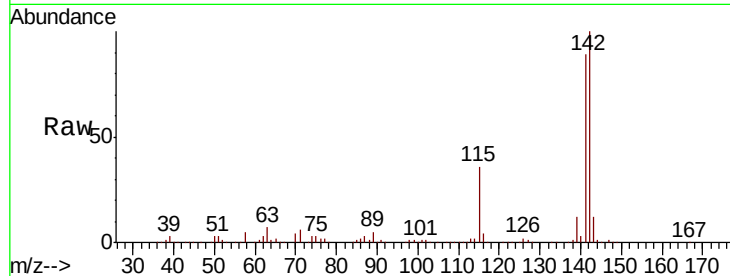
#37
2-Methylnaphthalene
Concen: 40.865 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.9	106.3
115	36.3	29.0	43.6

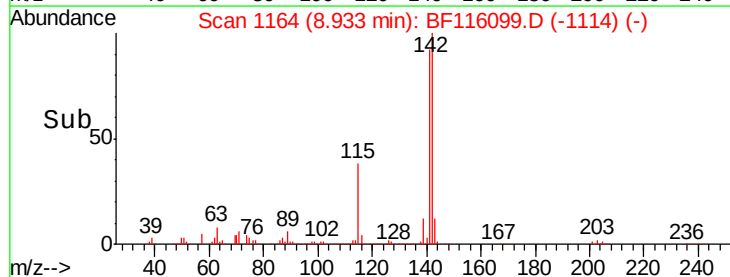
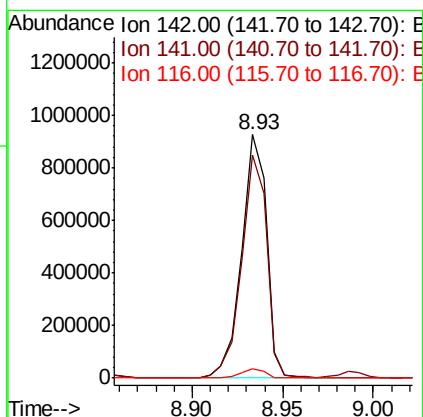
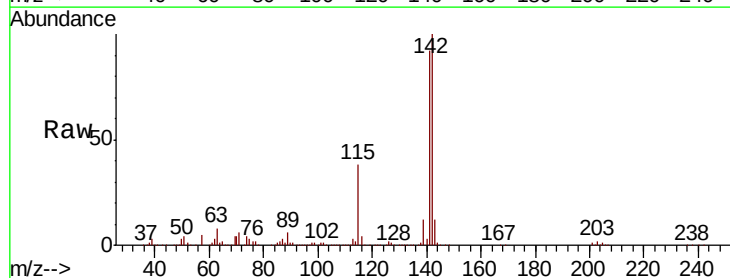
Manual Integrations
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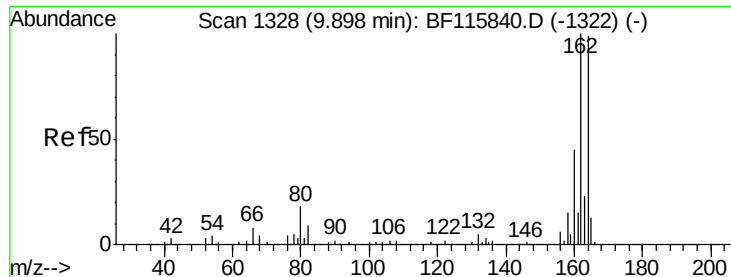
Sohil
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#38
1-Methylnaphthalene
Concen: 41.151 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.4	111.6
116	4.0	3.1	4.7





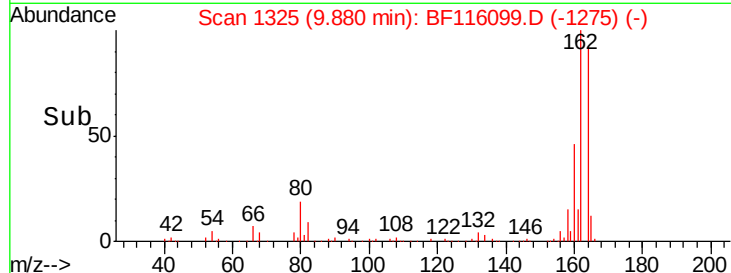
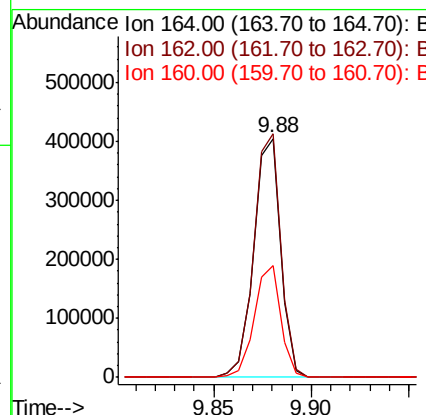
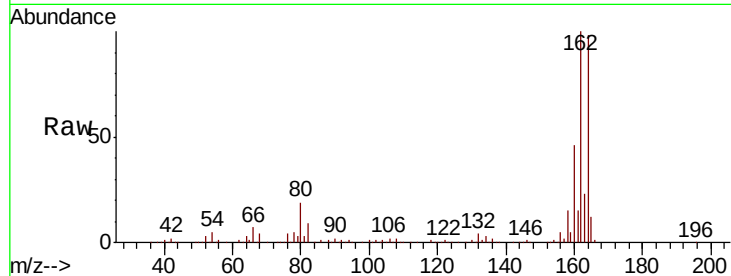
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	124.0
160	46.6	37.6	56.4

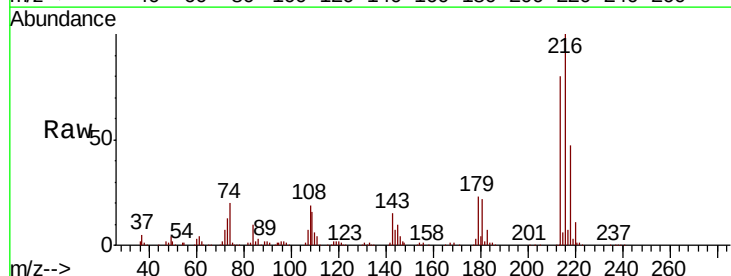
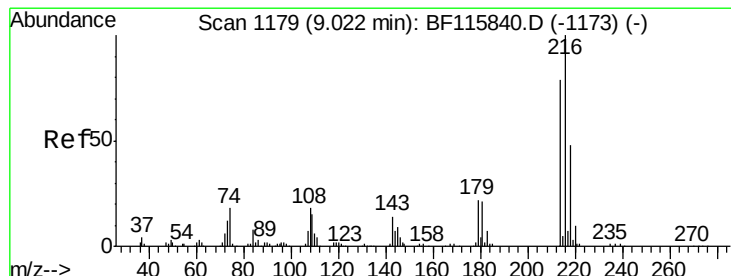
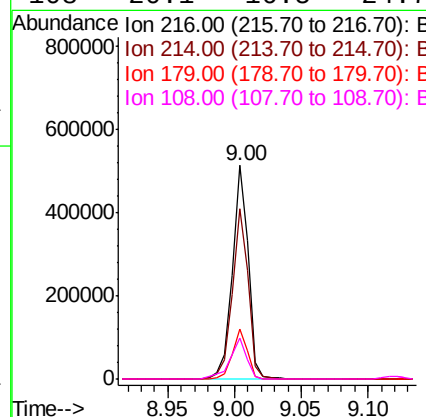
Manual Integrations
 APPROVED

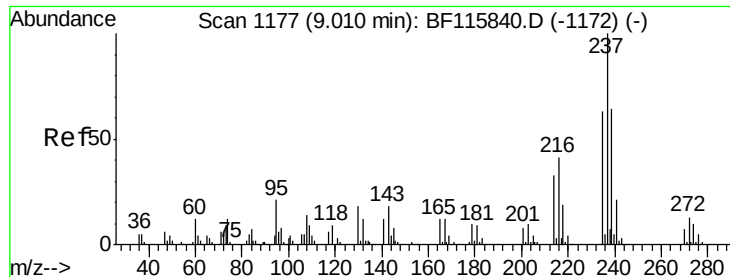
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 8/13/2019 7:17:38 AM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.818 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.6	95.4
179	22.4	17.8	26.8
108	20.1	16.5	24.7





#41

Hexachlorocyclopentadiene

Concen: 38.848 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Instrument :

BNA_F

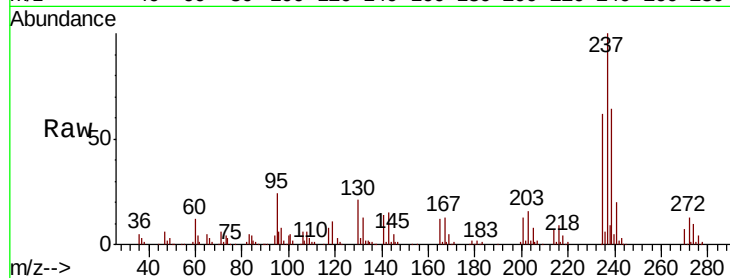
ClientSampleId :

SSTDCCC040

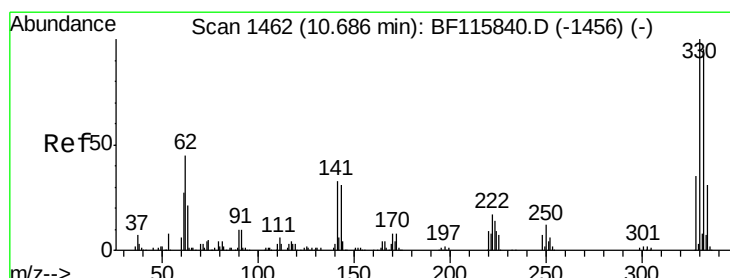
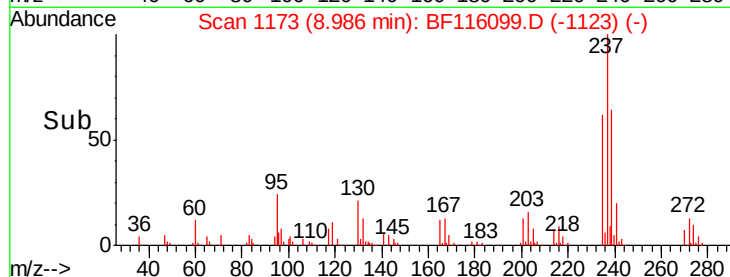
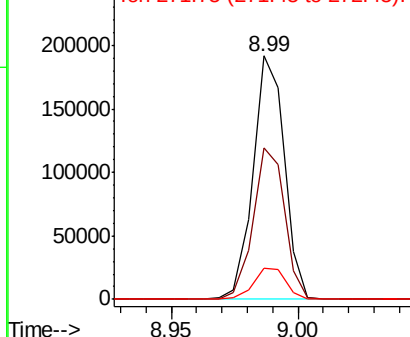
Tot Ion:	237	Resp:	165560
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.4	83.4
272	12.7	0.0	33.2

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



#42

2,4,6-Tribromophenol

Concen: 81.661 ng

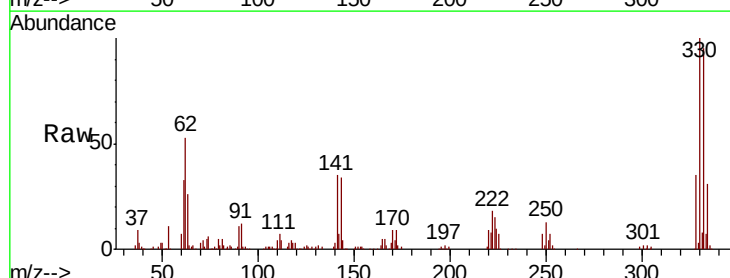
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

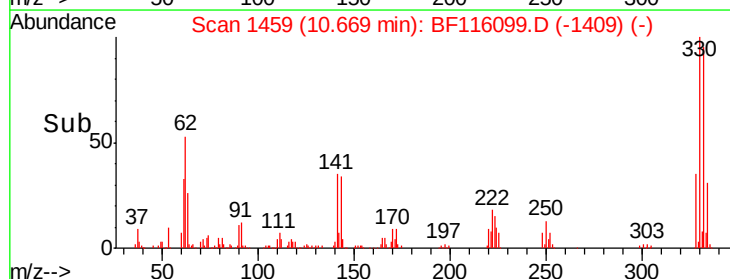
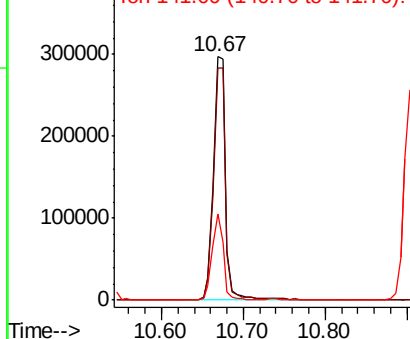
Lab File: BF116099.D

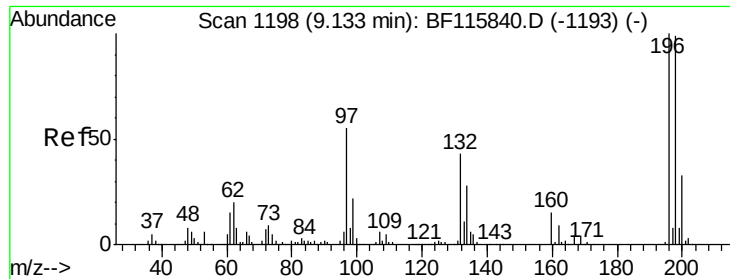
Acq: 9 Aug 2019 8:46

Tgt Ion:	330	Resp:	307145
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.8	115.2
141	32.6	26.3	39.5



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





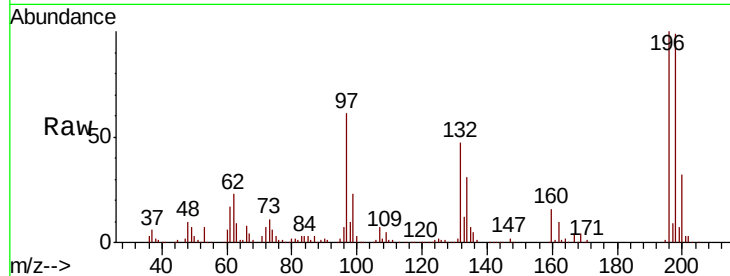
#43
 2,4,6-Trichlorophenol
 Concen: 40.017 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	285668		
198	99.0	79.2	118.8	
200	31.9	25.2	37.8	

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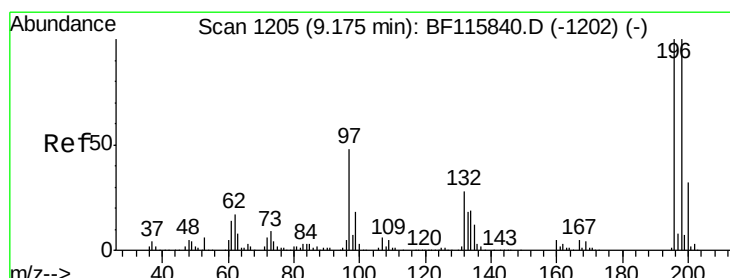
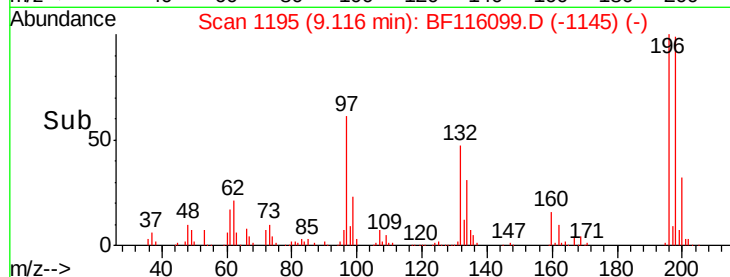
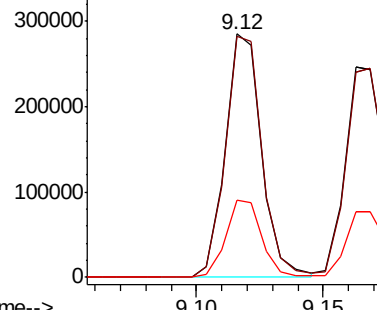


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.042 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	302864		
198	97.7	78.8	118.2	
97	53.7	42.2	63.4	
132	30.0	24.0	36.0	

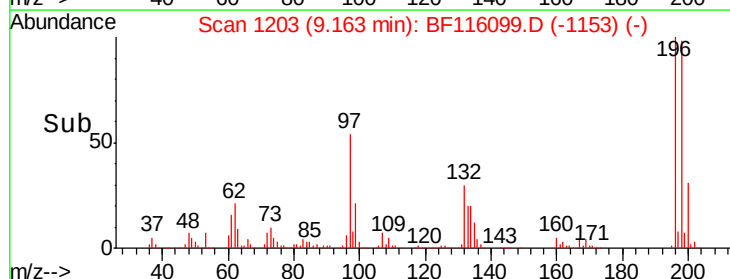
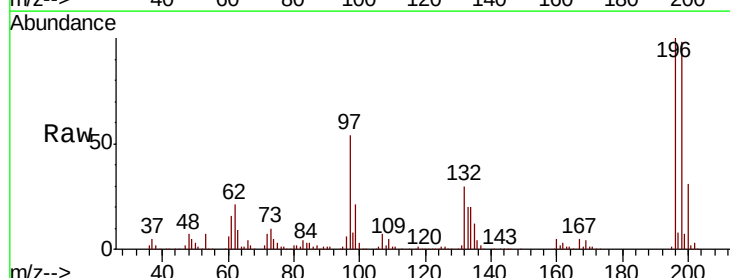
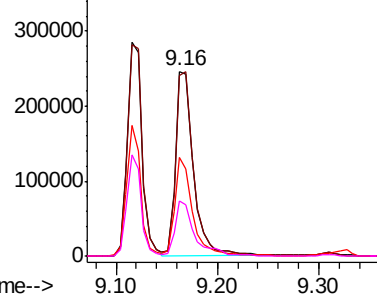
Abundance

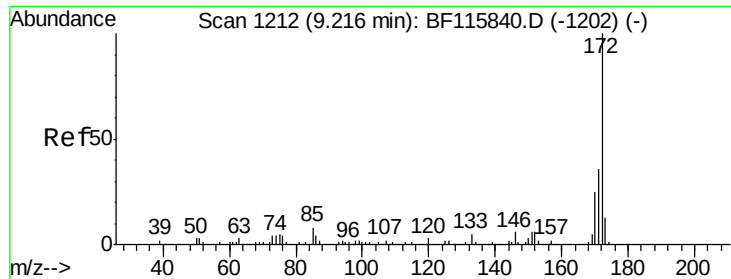
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





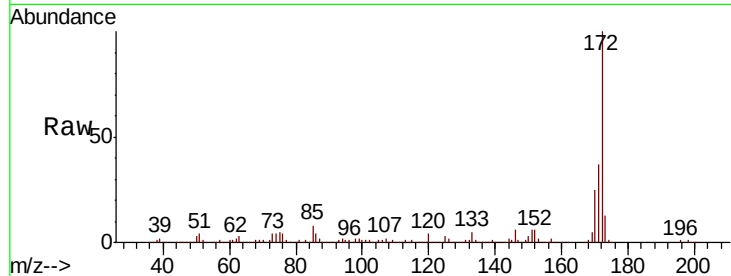
#45
2-Fluorobiphenyl
Concen: 79.272 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	25.1	20.1	30.1

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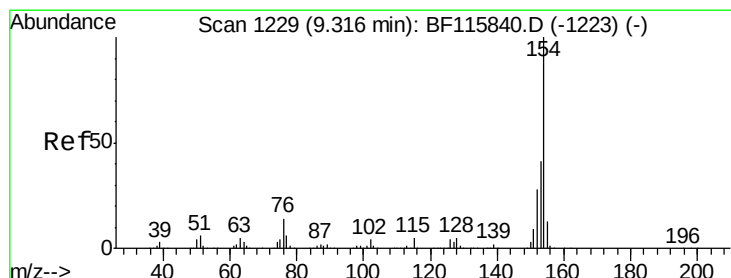
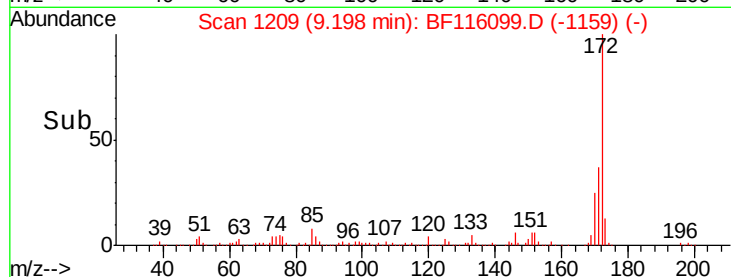
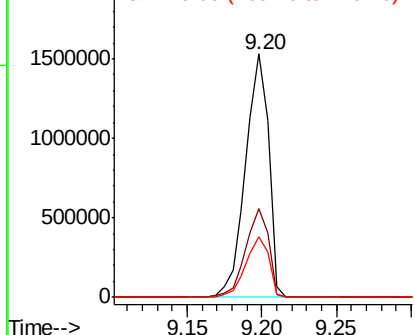


Abundance

Ion 172.00 (171.70 to 172.70): E

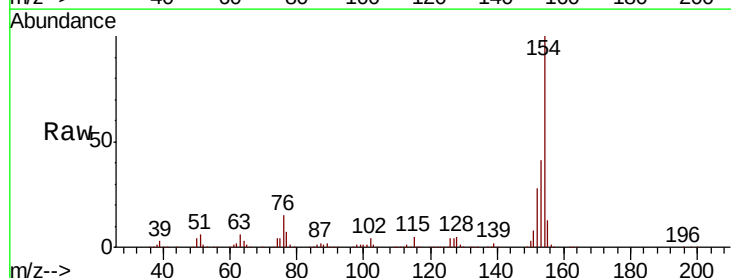
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.972 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.4	61.4
76	14.6	0.0	35.2

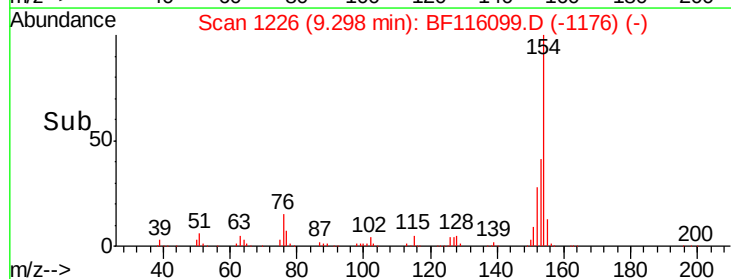
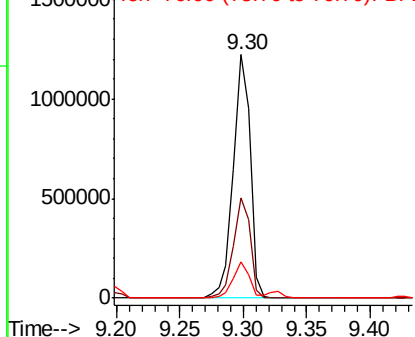


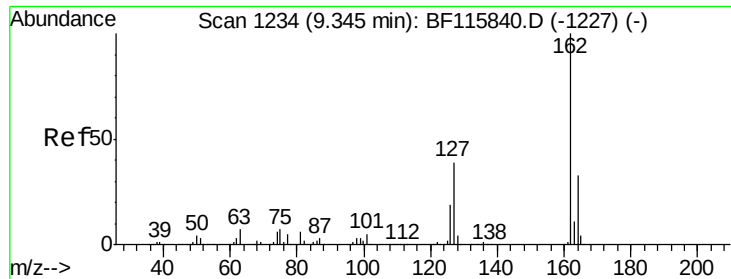
Abundance

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





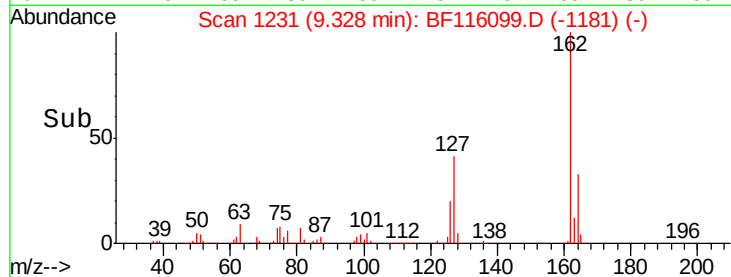
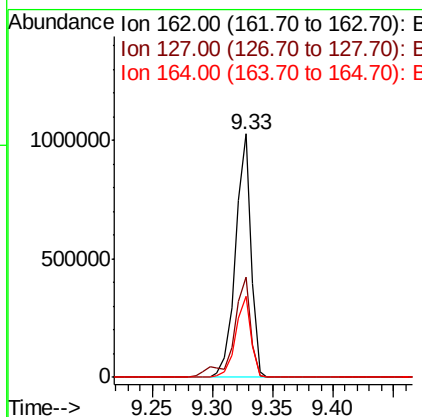
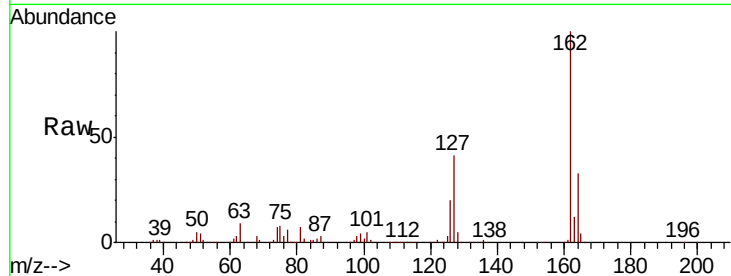
#47
 2-Chloronaphthalene
 Concen: 40.326 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.1	32.8	49.2	
164	33.3	26.6	39.8	

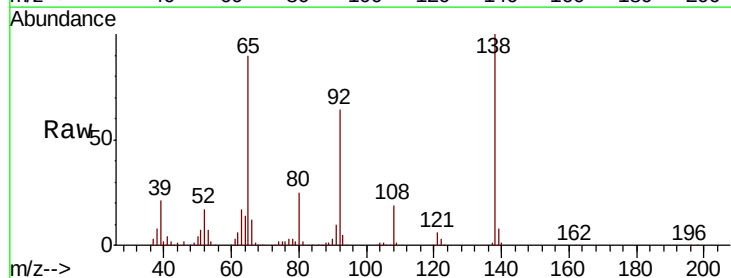
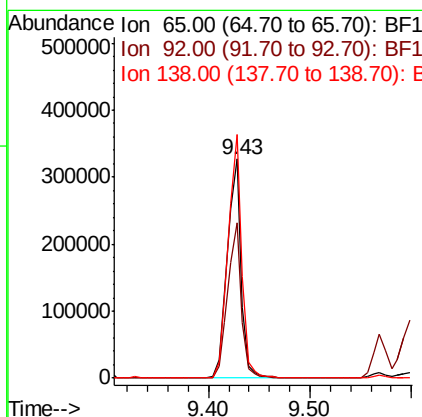
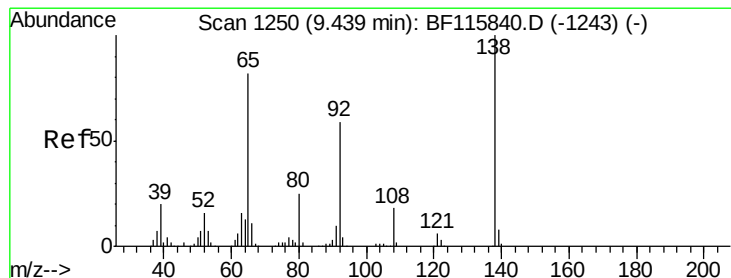
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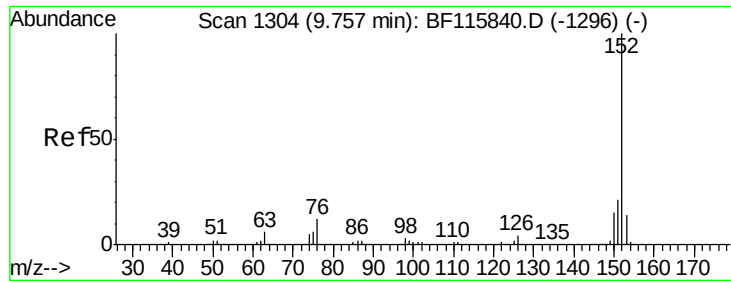
Sohil
 8/13/2019 7:17:38 AM



#48
 2-Nitroaniline
 Concen: 41.249 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.0	57.8	86.8	
138	111.2	94.0	141.0	





#49

Acenaphthylene

Concen: 40.277 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1339474

Ion Ratio Lower Upper

152 100

151 21.4 17.2 25.8

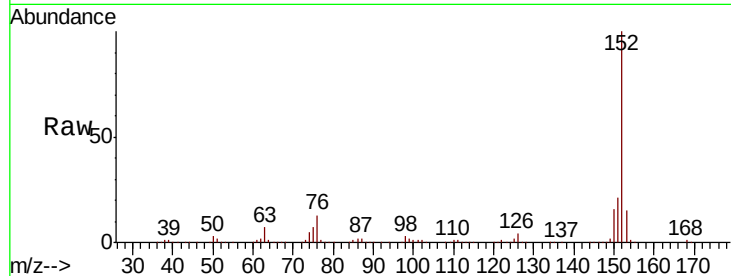
153 14.6 11.8 17.8

Manual Integrations

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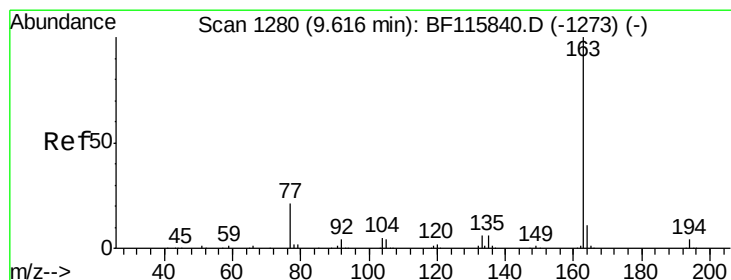
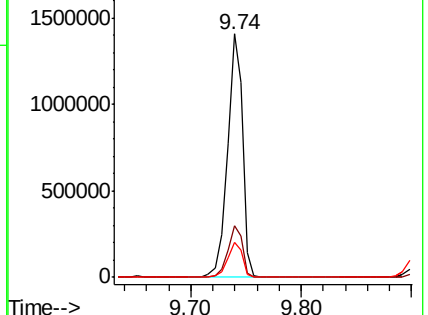
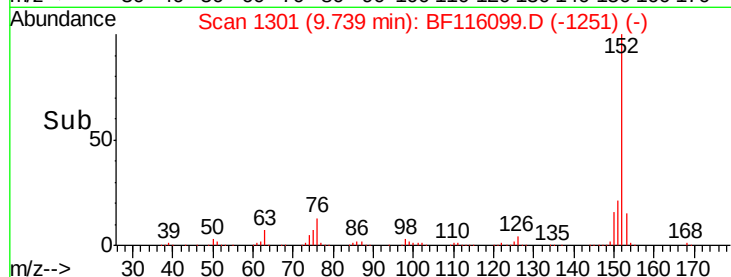
8/13/2019 7:17:38 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.738 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

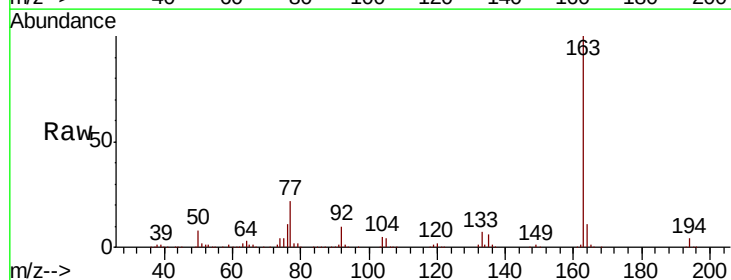
Tgt Ion:163 Resp: 1102503

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

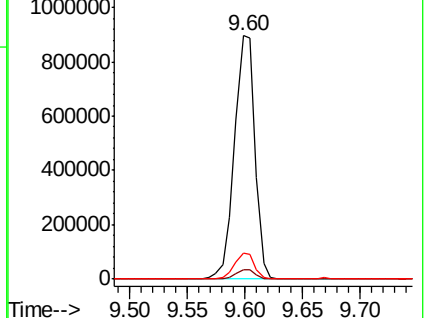
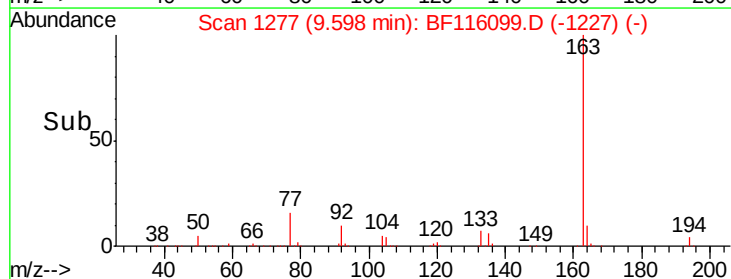
164 10.7 8.4 12.6

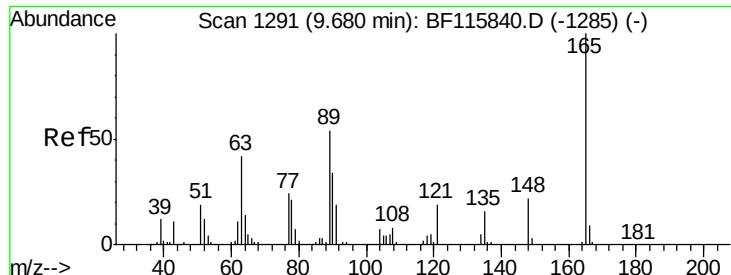


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





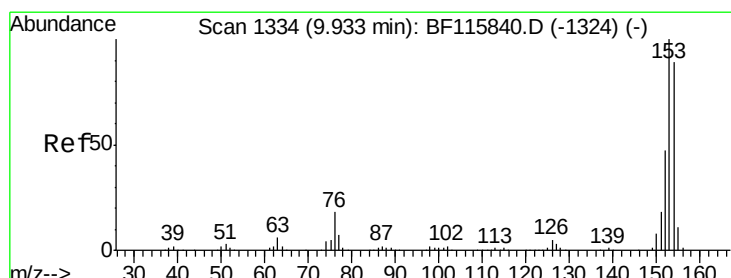
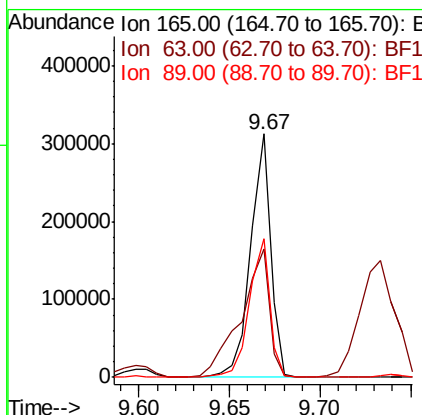
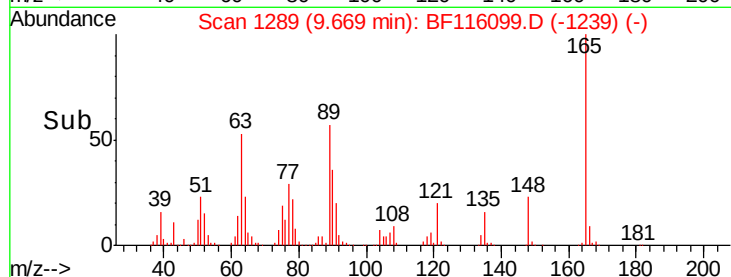
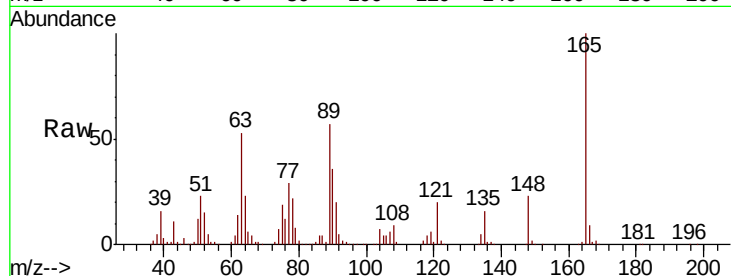
#51
 2,6-Dinitrotoluene
 Concen: 42.140 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	165	Resp:	241896
Ion Ratio	Lower	Upper	
165	100		
63	52.6	38.2	57.2
89	56.7	42.9	64.3

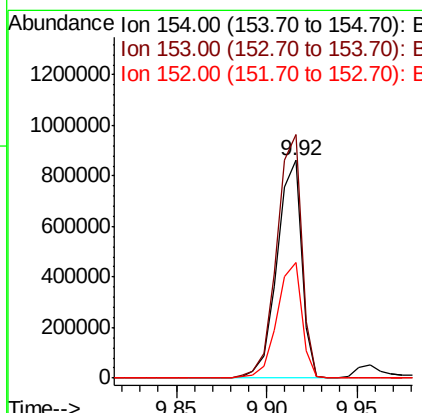
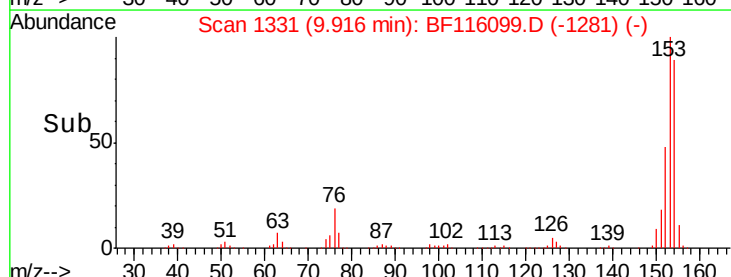
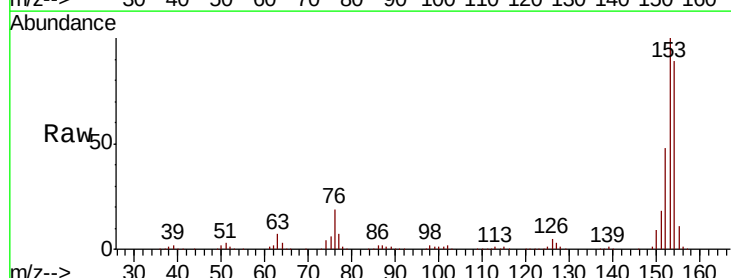
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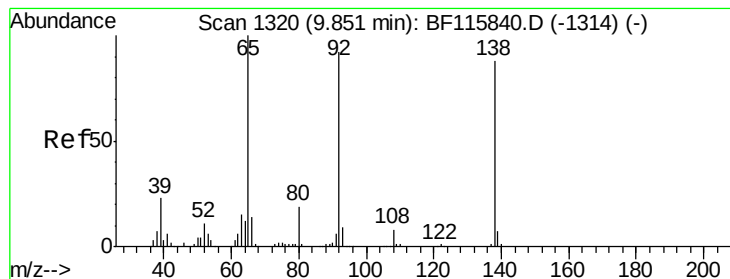
Sohil
 8/13/2019 7:17:38 AM



#52
 Acenaphthene
 Concen: 40.099 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Tgt Ion:	154	Resp:	818123
Ion Ratio	Lower	Upper	
154	100		
153	111.8	89.4	134.0
152	53.1	42.3	63.5





#53

3-Nitroaniline

Concen: 40.765 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Instrument :

BNA_F

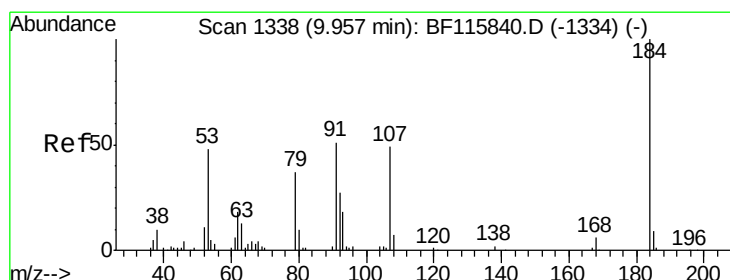
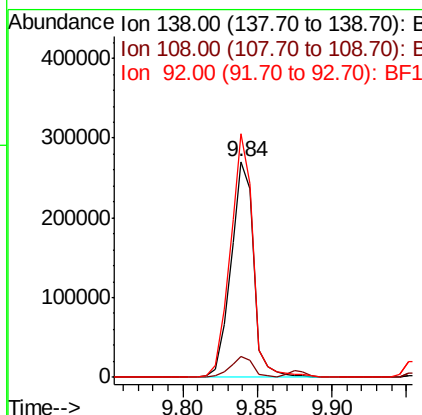
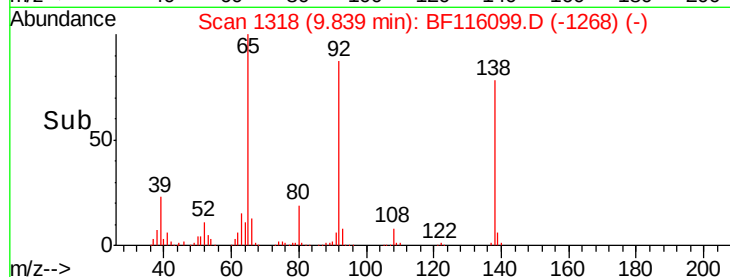
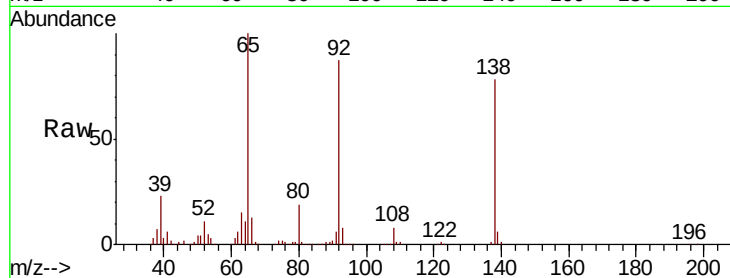
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	289143
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.0	12.0
92	112.8	91.0	136.6

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#54

2,4-Dinitrophenol

Concen: 39.480 ng

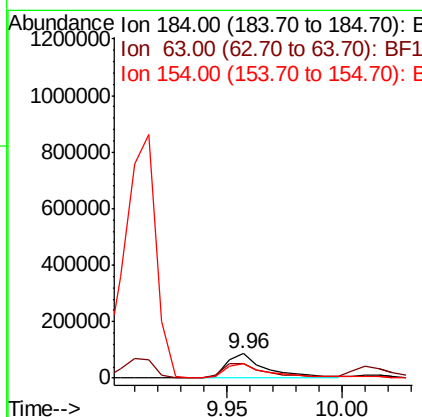
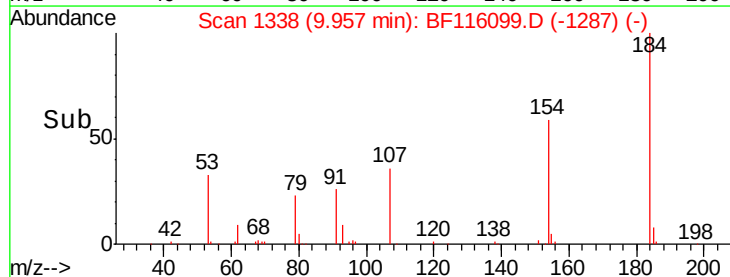
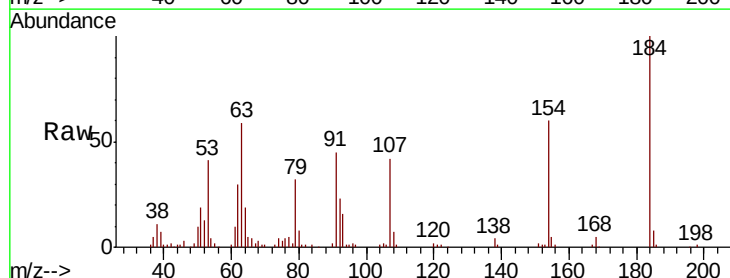
RT: 9.96 min Scan# 1338

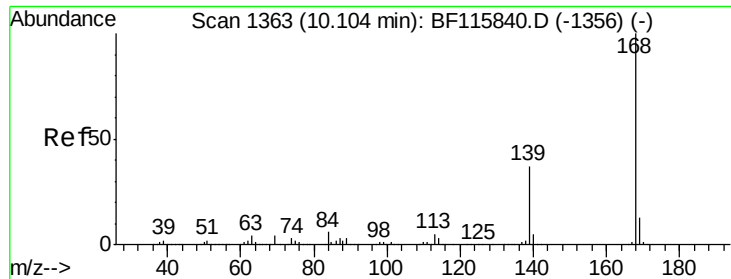
Delta R.T. -0.00 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Tgt Ion:	184	Resp:	102463
Ion Ratio	Lower	Upper	
184	100		
63	59.4	53.0	79.4
154	59.8	50.1	75.1





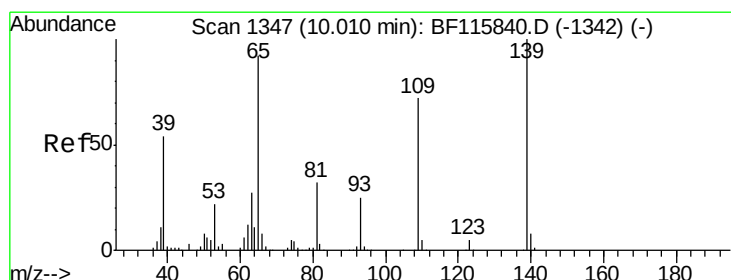
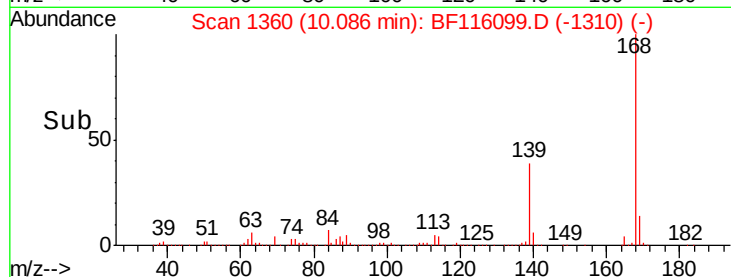
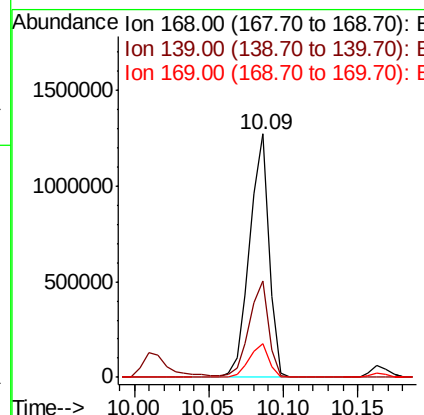
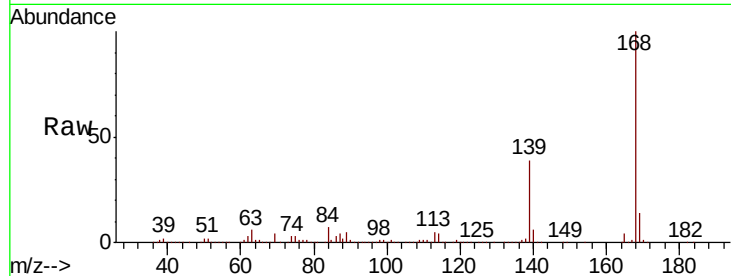
#55
Dibenzofuran
Concen: 38.806 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.4	47.2
169	13.7	10.9	16.3

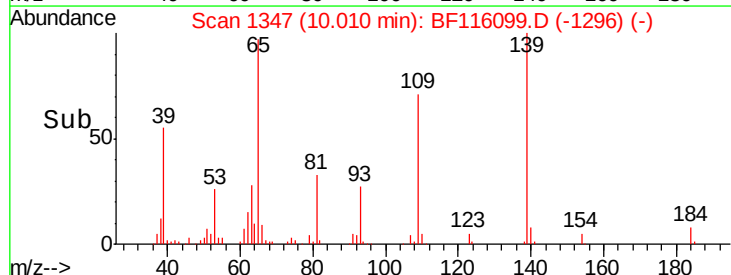
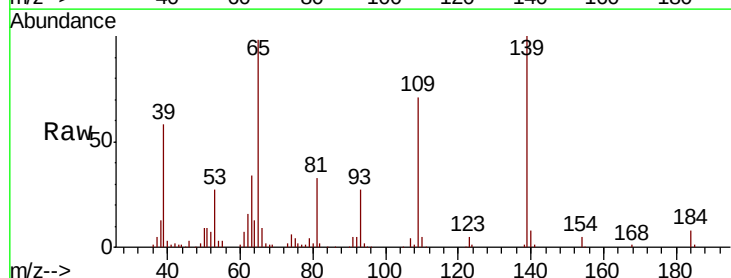
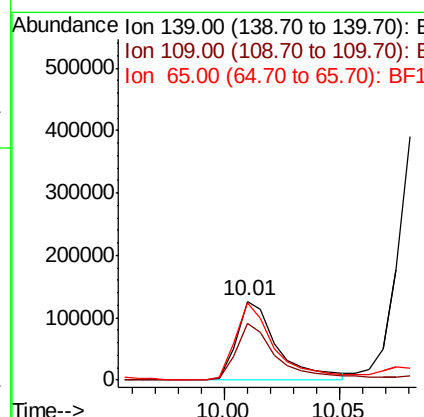
Manual Integrations
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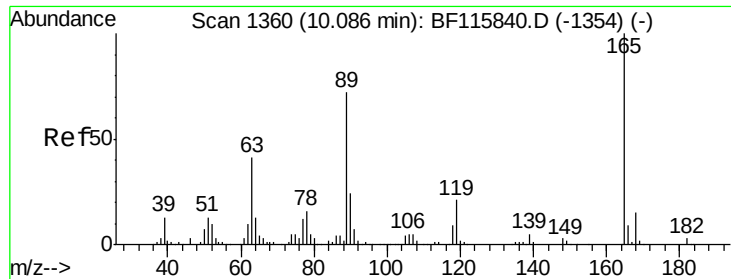
Sohil
8/13/2019 7:17:38 AM



#56
4-Nitrophenol
Concen: 34.379 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	54.4	94.4
65	97.7	80.6	120.6





#57

2,4-Dinitrotoluene

Concen: 38.779 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Instrument :

BNA_F

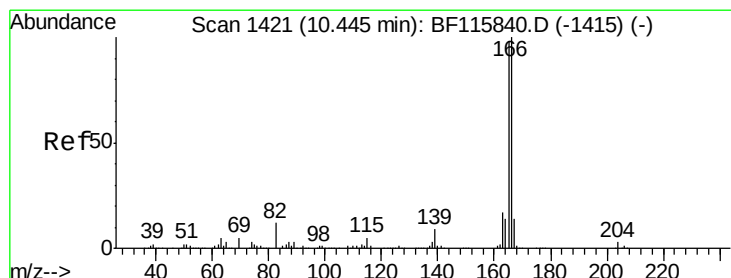
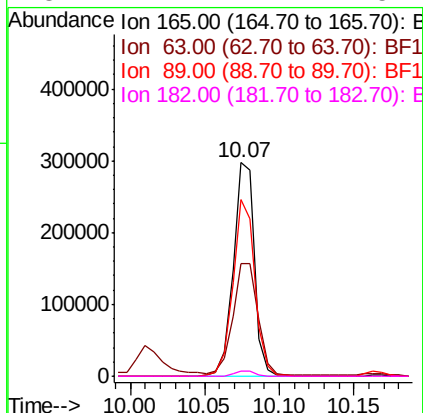
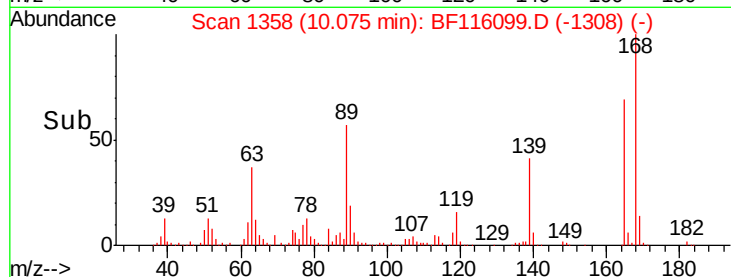
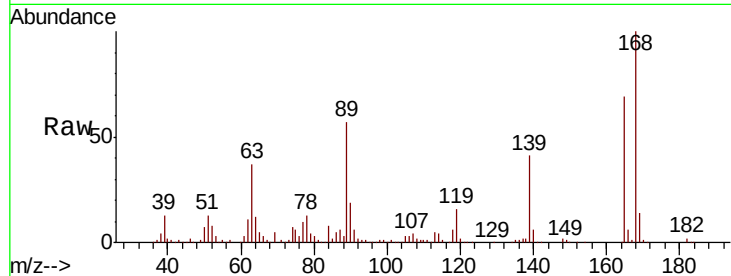
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	296381
Ion Ratio	Lower	Upper	
165	100		
63	53.0	39.6	59.4
89	82.6	62.2	93.2
182	2.7	2.1	3.1

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8/13/2019 7:17:38 AM



#58

Fluorene

Concen: 40.960 ng

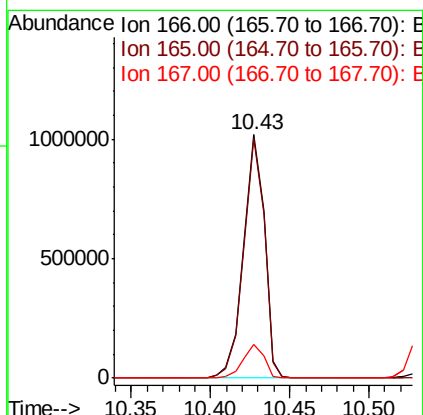
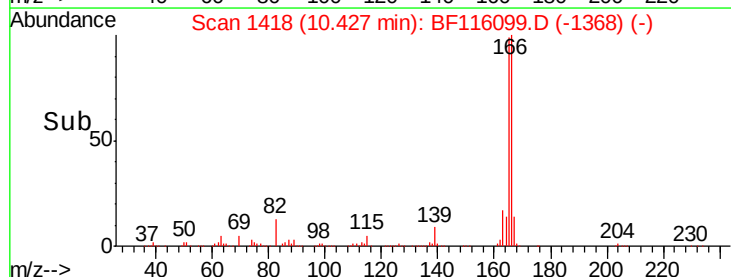
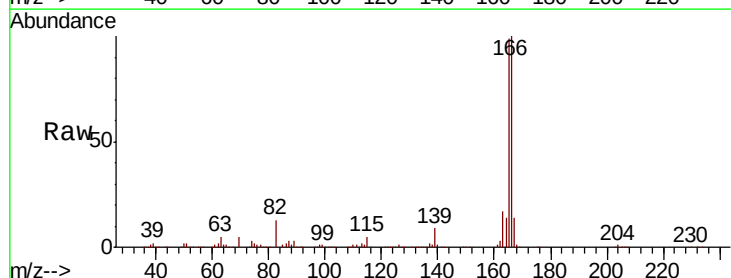
RT: 10.43 min Scan# 1418

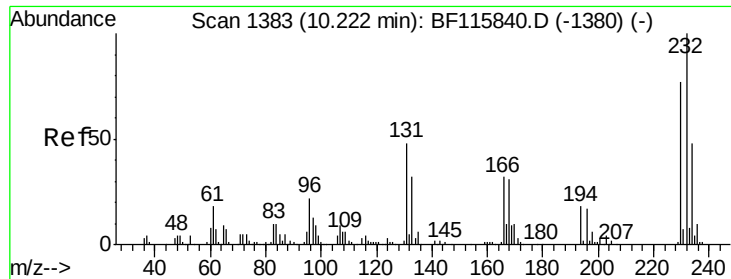
Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Tgt Ion:	166	Resp:	935031
Ion Ratio	Lower	Upper	
166	100		
165	98.7	78.4	117.6
167	13.7	11.0	16.4





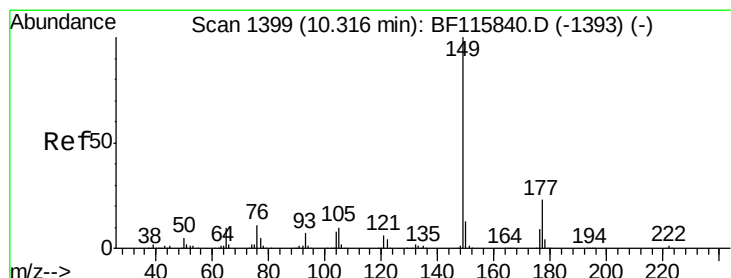
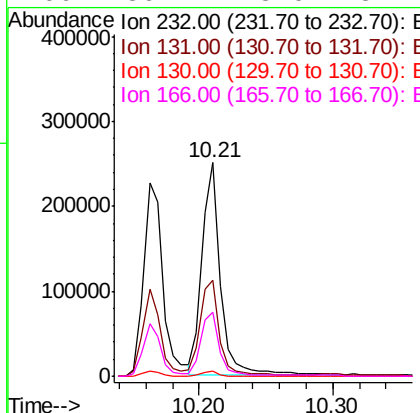
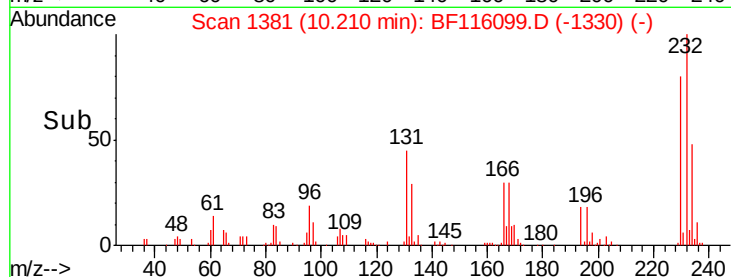
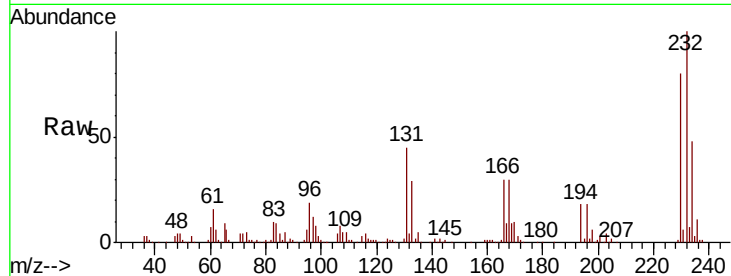
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.589 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	239575		
131	48.8		36.2	54.2
130	2.4		1.9	2.9
166	30.7		23.0	34.4

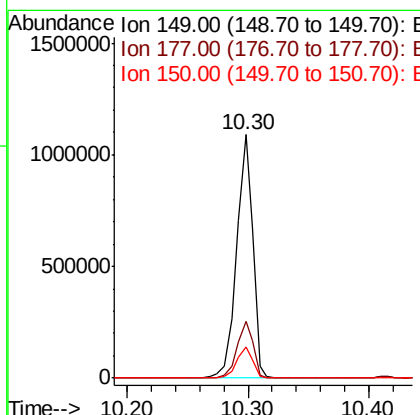
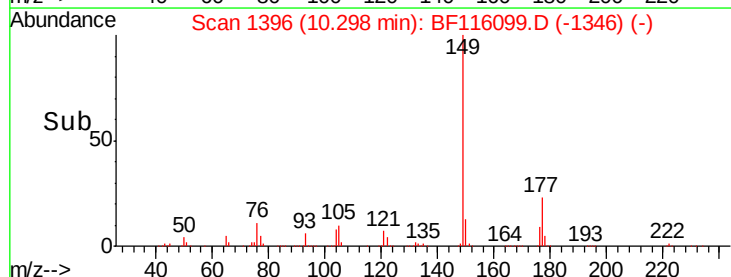
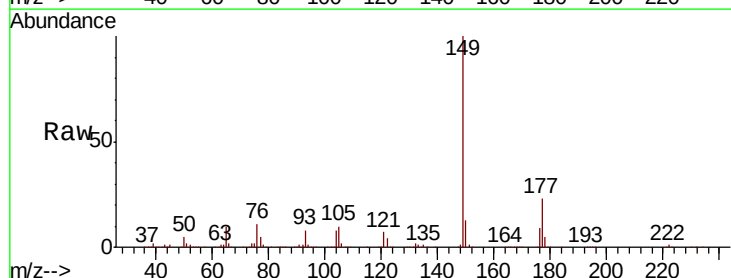
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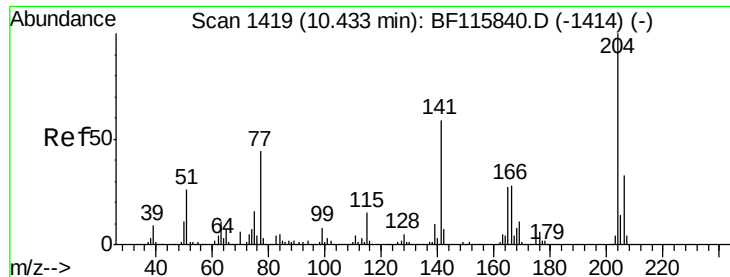
Sohil
 8/13/2019 7:17:38 AM



#60
 Diethylphthalate
 Concen: 41.321 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1019031		
177	23.3		18.8	28.2
150	13.0		10.2	15.4





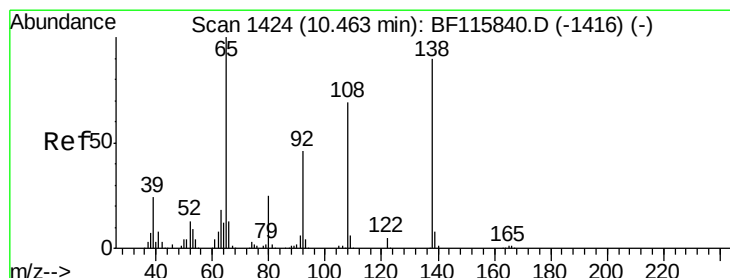
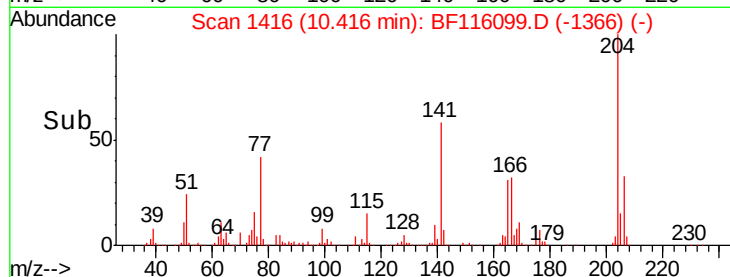
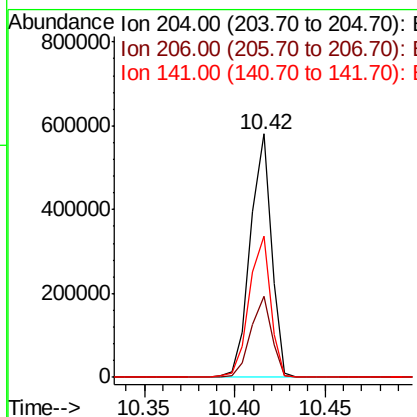
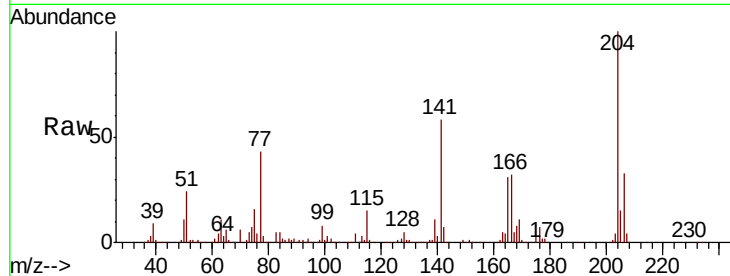
#61
 4-Chlorophenyl-phenylether
 Concen: 40.936 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	204	Resp:	473264
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.4	39.6
141	57.9	46.4	69.6

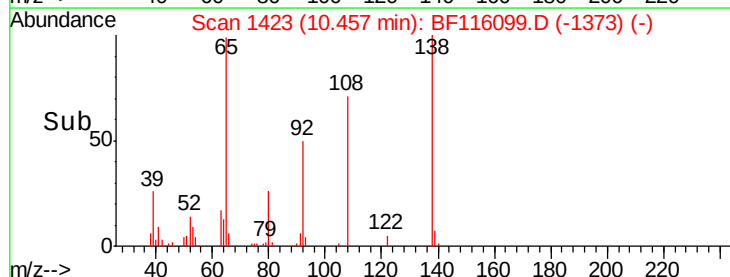
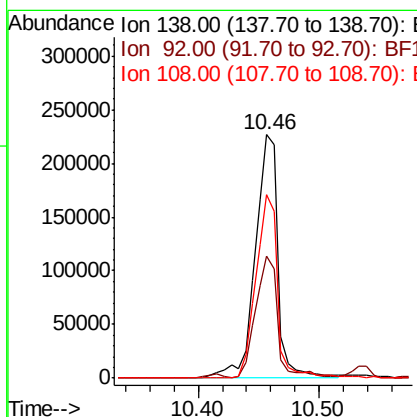
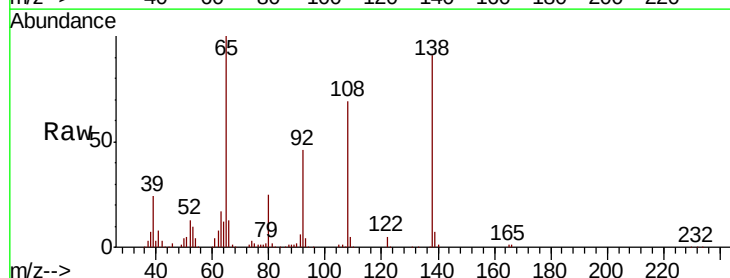
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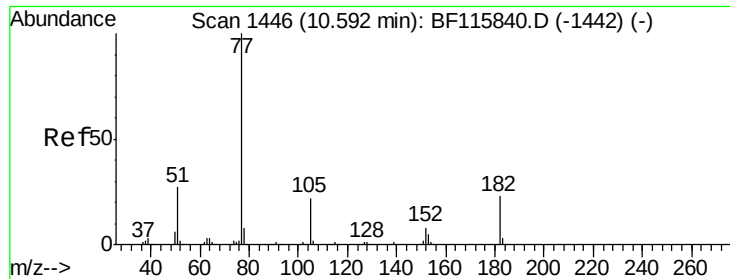
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#62
 4-Nitroaniline
 Concen: 40.770 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Tgt Ion:	138	Resp:	298851
Ion Ratio	Lower	Upper	
138	100		
92	50.2	29.0	69.0
108	75.3	54.7	94.7





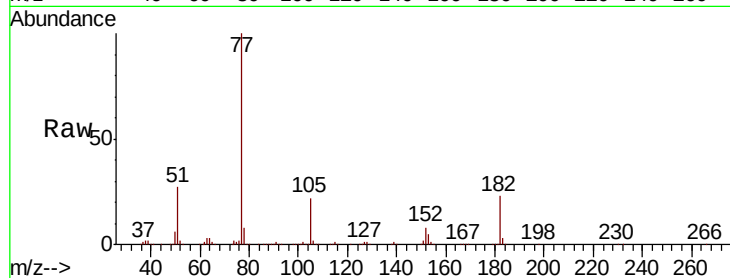
#63
Azobenzene
Concen: 41.675 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

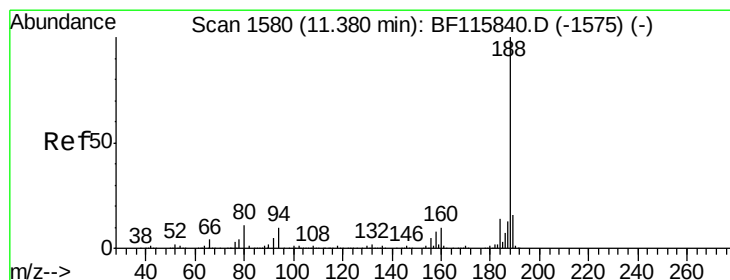
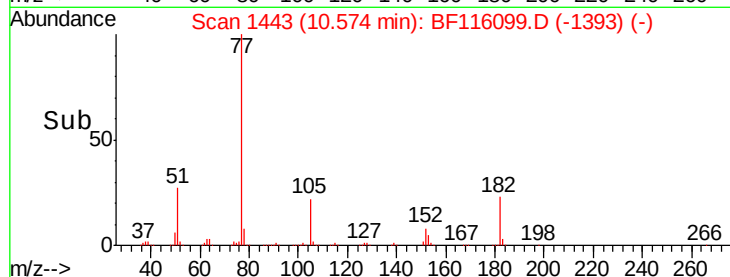
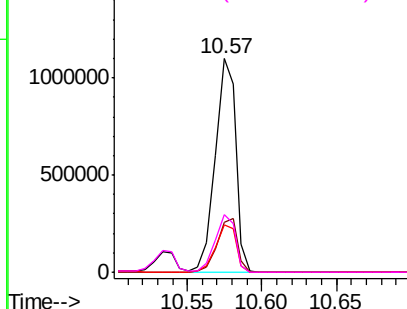
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.3	4.0	44.0	
105	22.4	2.0	42.0	
51	27.2	7.5	47.5	

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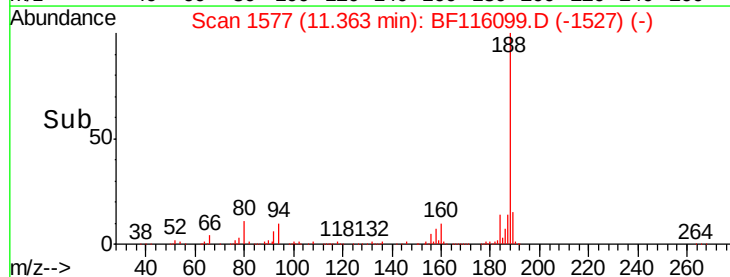
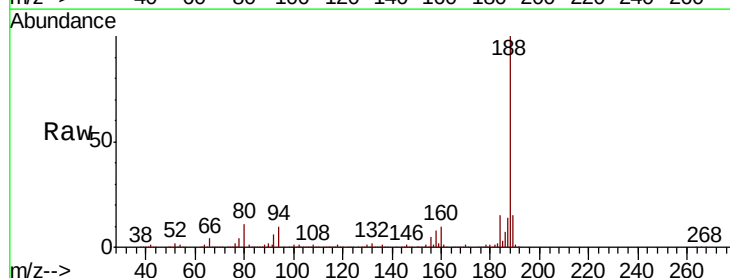
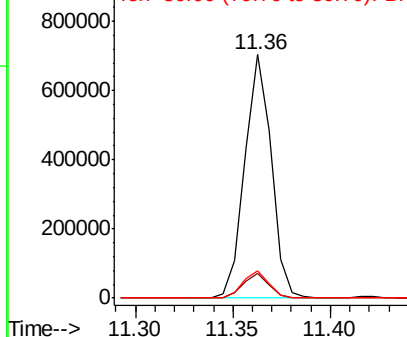
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

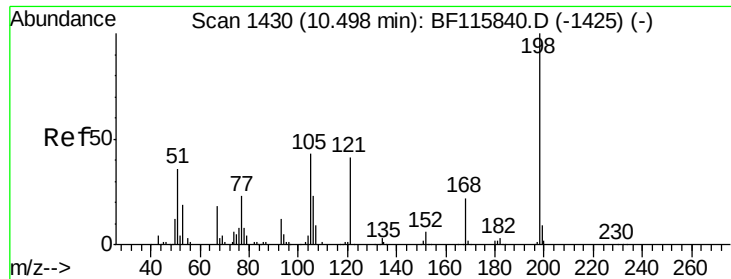


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.2	8.1	12.1	
80	11.1	8.7	13.1	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 46.669 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Instrument :

BNA_F

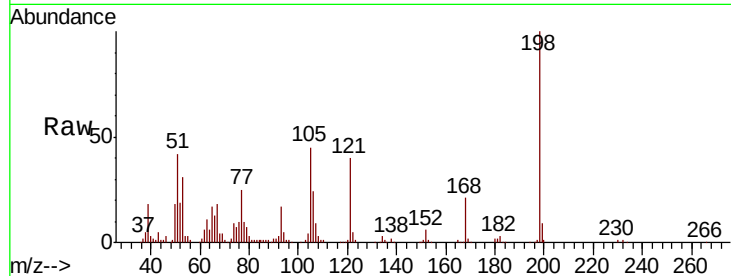
ClientSampleId :

SSTDCCC040

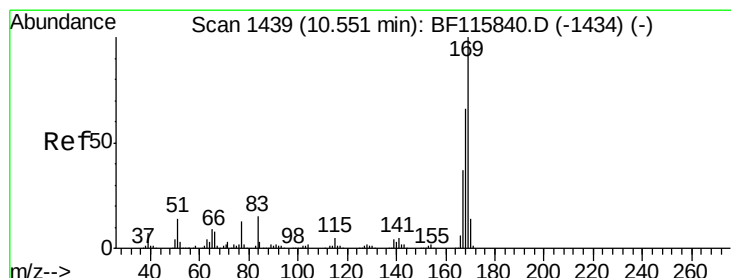
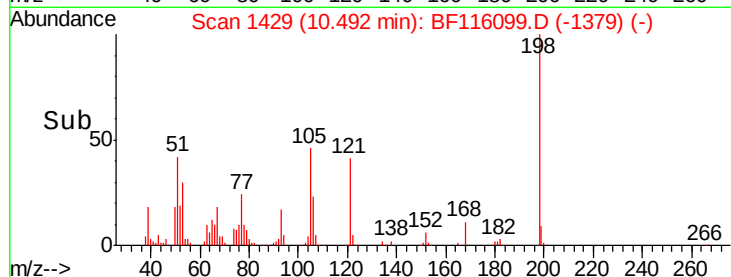
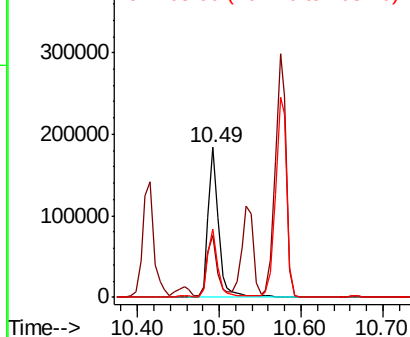
Tot Ion:	198	Resp:	164434
Ion Ratio	Lower	Upper	
198	100		
51	41.5	17.0	57.0
105	45.3	21.6	61.6

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.802 ng

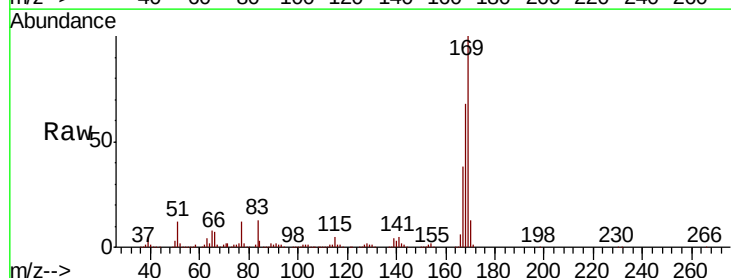
RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

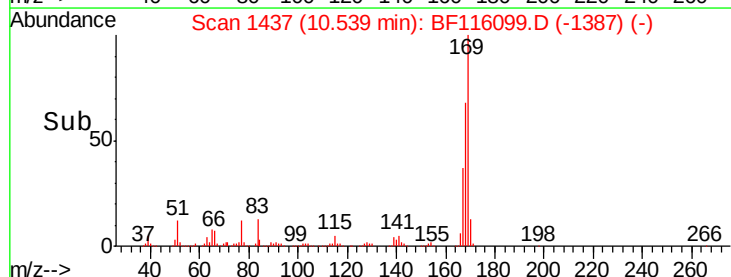
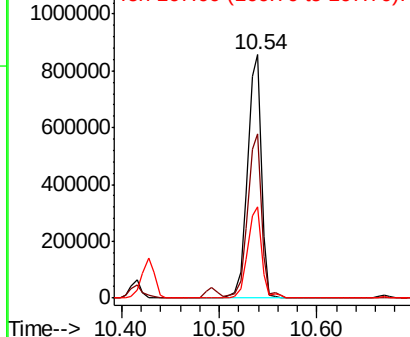
Lab File: BF116099.D

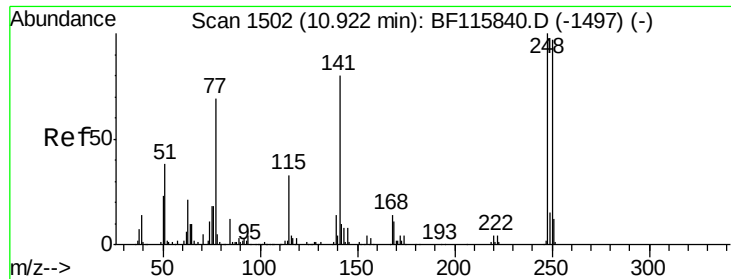
Acq: 9 Aug 2019 8:46

Tgt Ion:	169	Resp:	836558
Ion Ratio	Lower	Upper	
169	100		
168	67.6	53.8	80.6
167	37.6	29.6	44.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





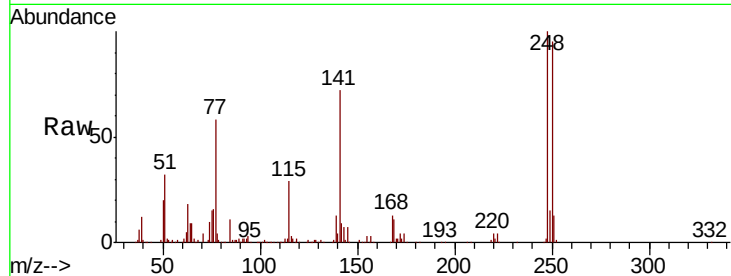
#67
4-Bromophenyl-phenylether
Concen: 42.749 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.4	116.2
141	71.8	56.8	85.2

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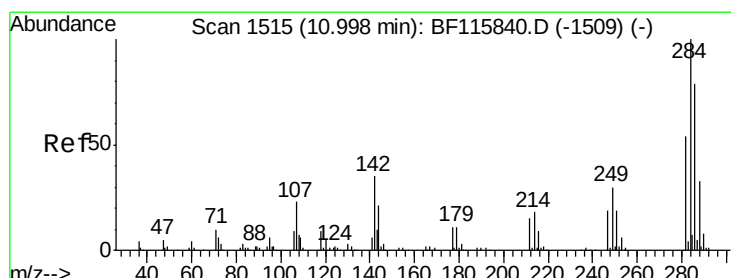
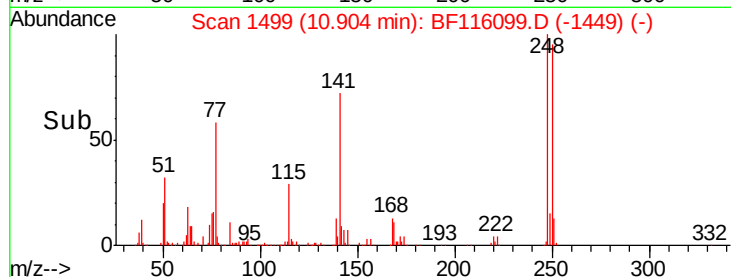
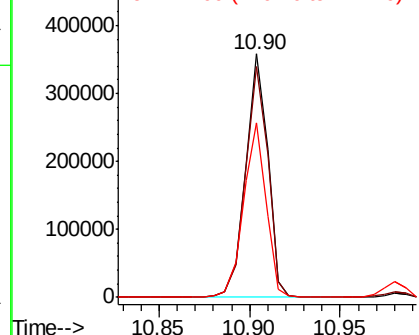


Abundance

Ion 248.00 (247.70 to 248.70): E

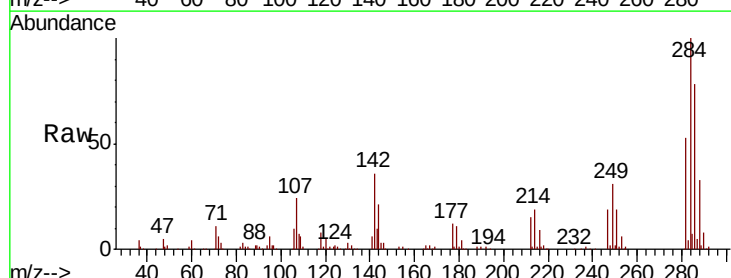
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.477 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	28.4	42.6
249	30.6	24.5	36.7

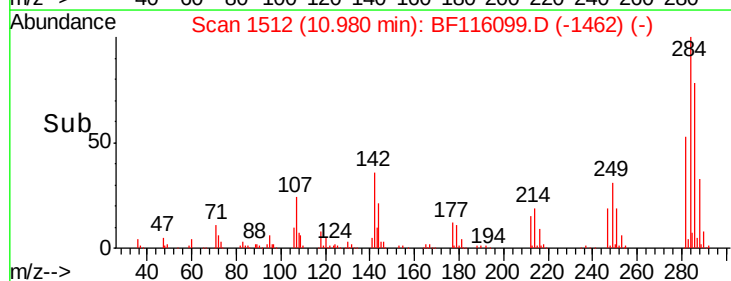
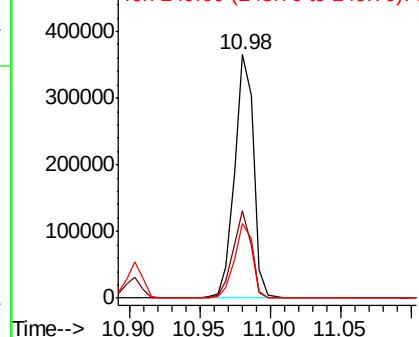


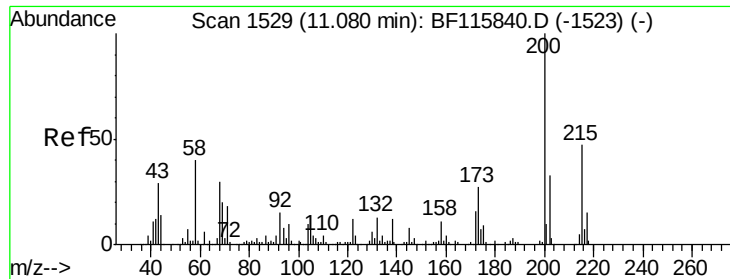
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





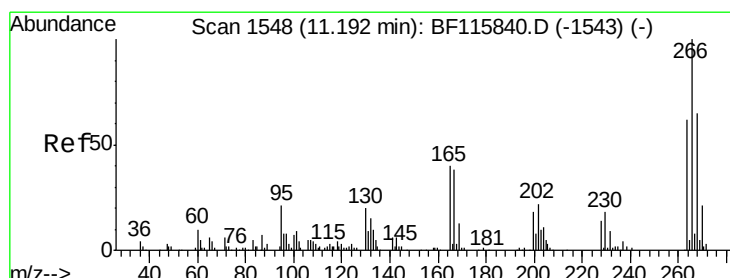
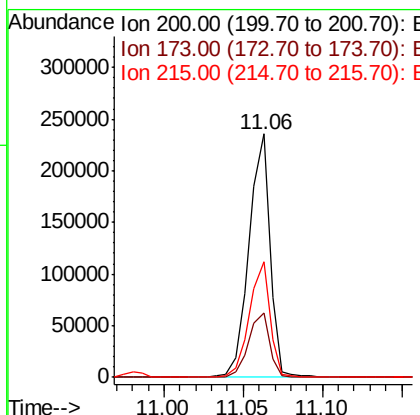
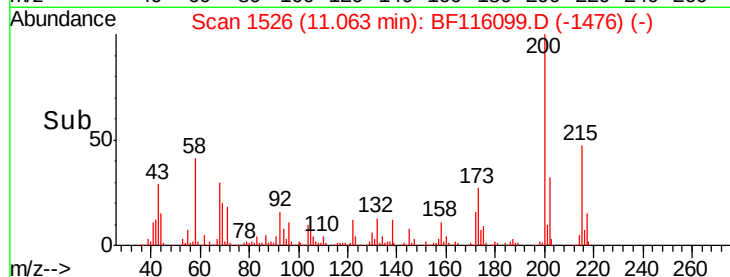
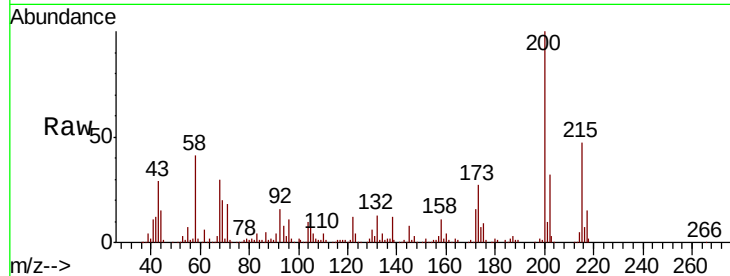
#69
 Atrazine
 Concen: 33.074 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	217745		
173	26.6	6.8	46.8	
215	47.3	27.5	67.5	

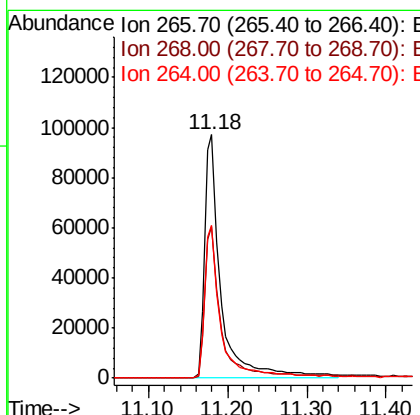
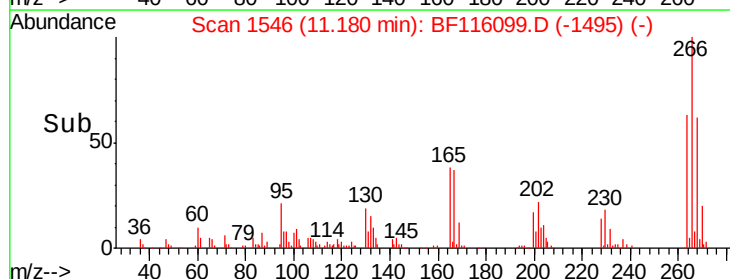
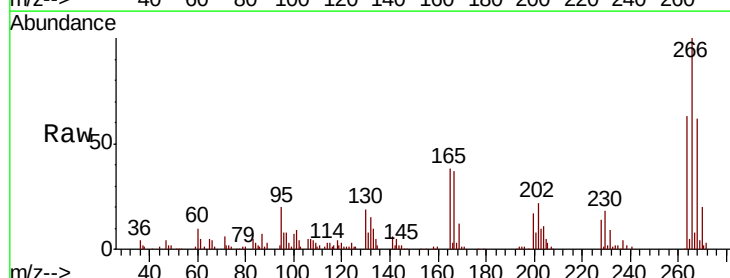
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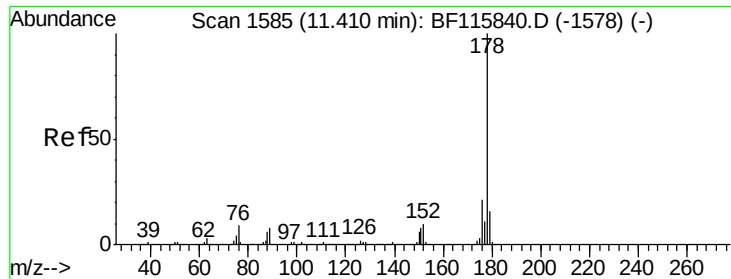
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#70
 Pentachlorophenol
 Concen: 35.364 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	141309		
268	62.0	48.8	73.2	
264	62.7	50.6	76.0	





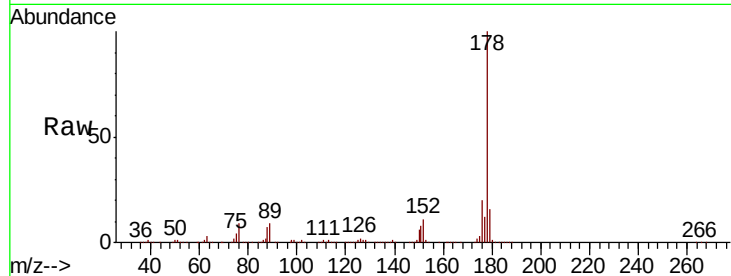
#71
Phenanthrene
Concen: 40.738 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

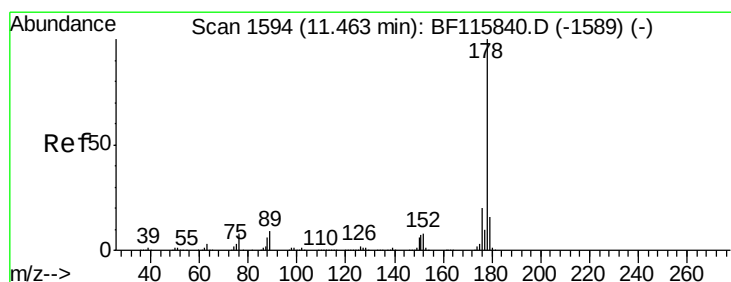
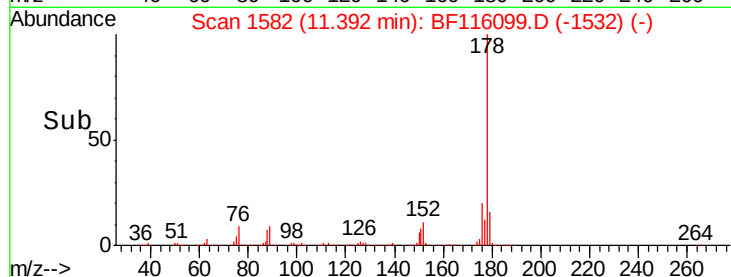
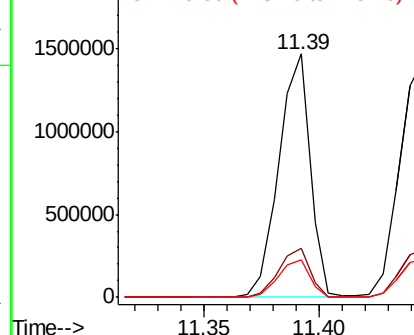
Tot Ion:178 Resp: 1384679
Ion Ratio Lower Upper
178 100
176 20.2 16.6 24.8
179 15.7 12.5 18.7

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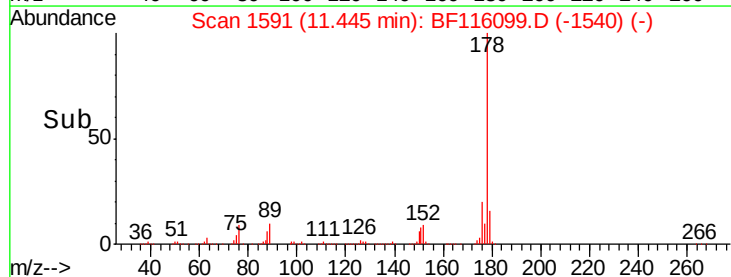
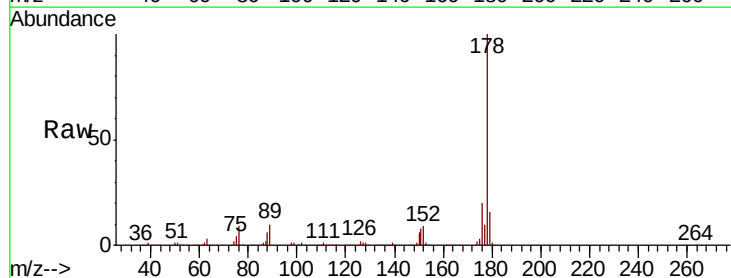
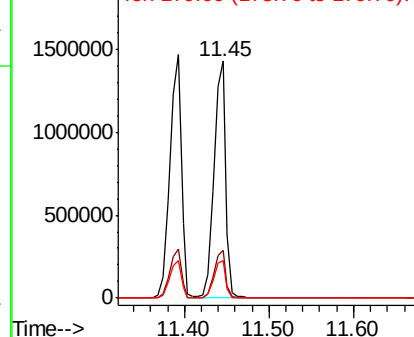
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

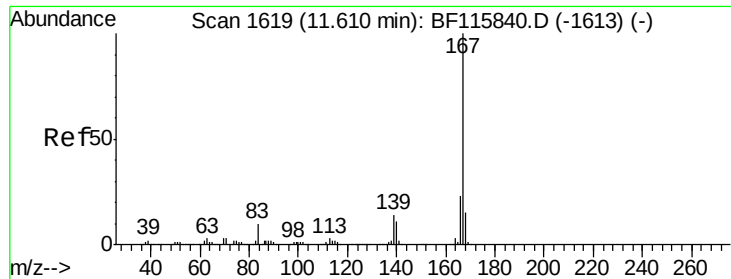


#72
Anthracene
Concen: 40.904 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion:178 Resp: 1407069
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 15.7 13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





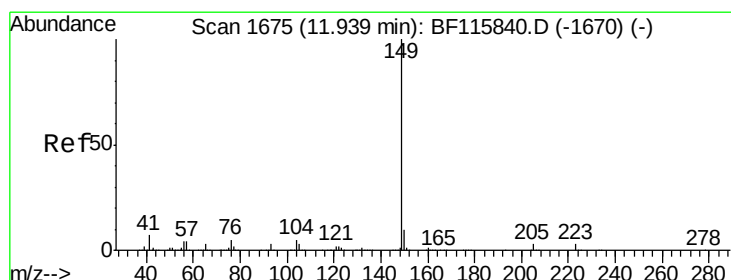
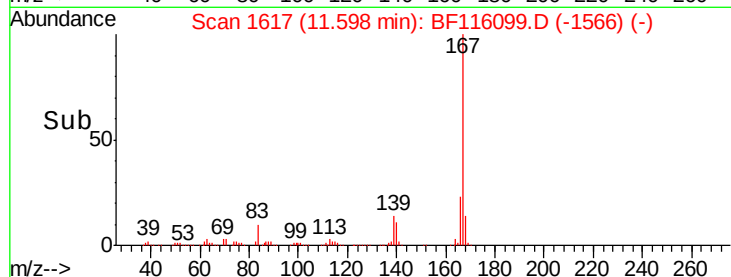
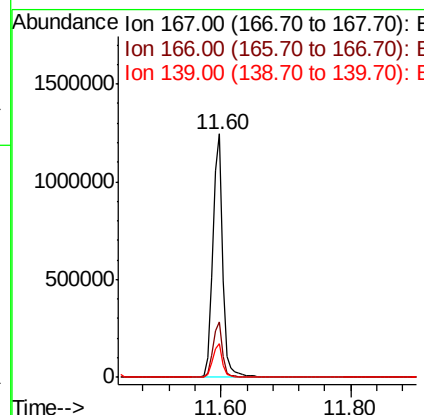
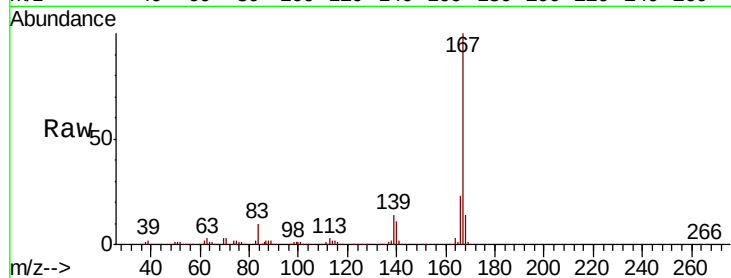
#73
 Carbazole
 Concen: 41.664 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.6
139	14.0	11.4	17.0

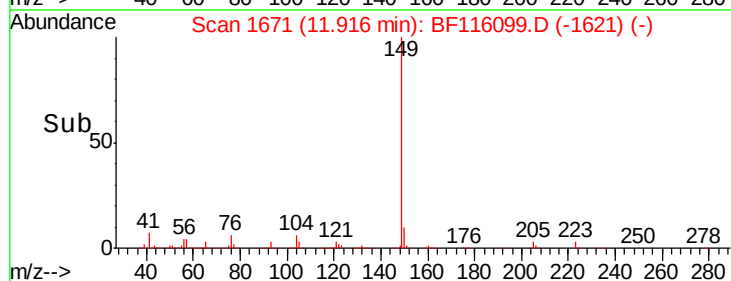
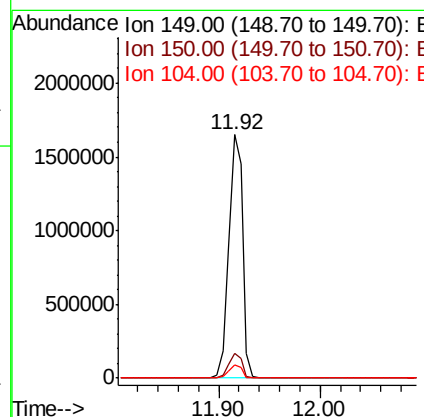
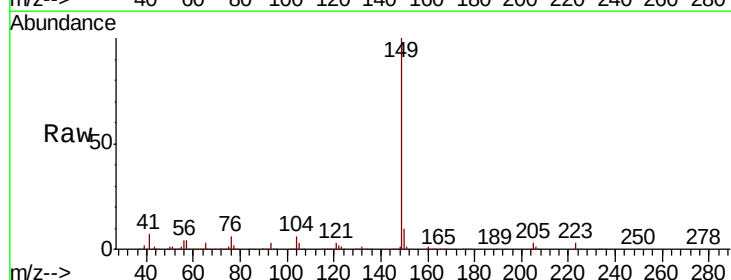
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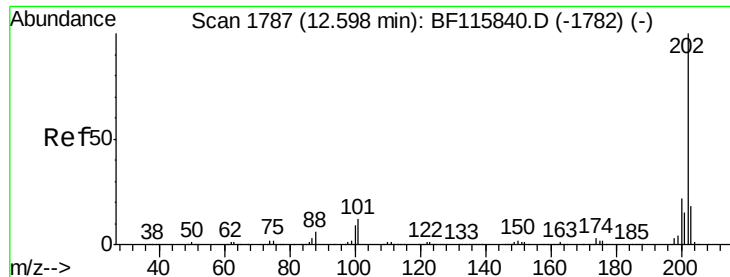
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#74
 Di-n-butylphthalate
 Concen: 42.461 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.0	12.0
104	5.6	4.5	6.7





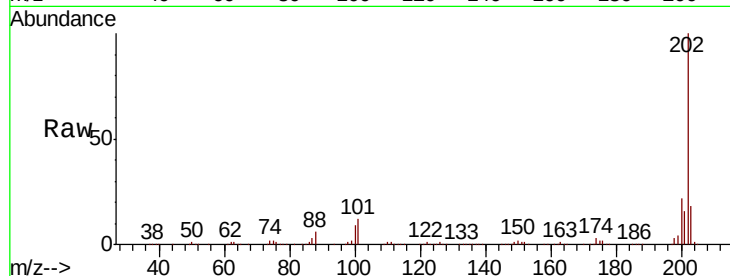
#75
 Fluoranthene
 Concen: 40.365 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

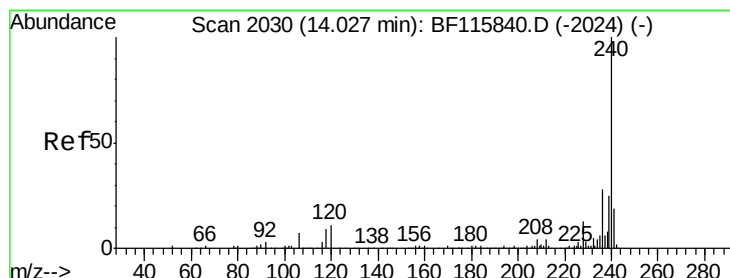
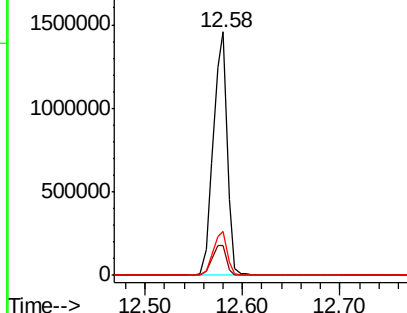
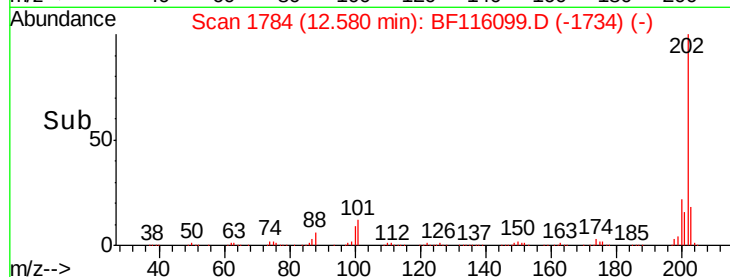
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.2
203	18.0	0.0	37.8

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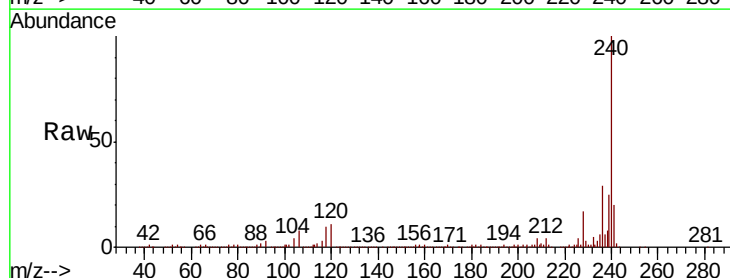


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

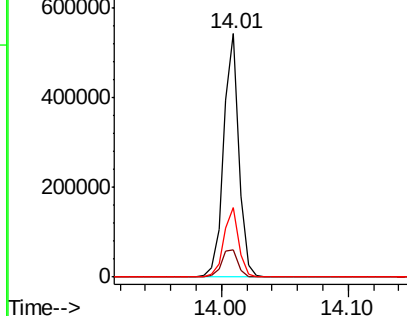
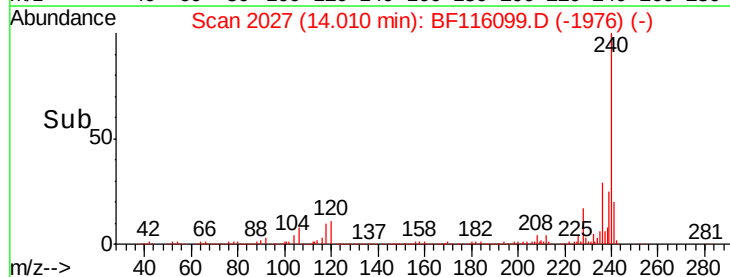


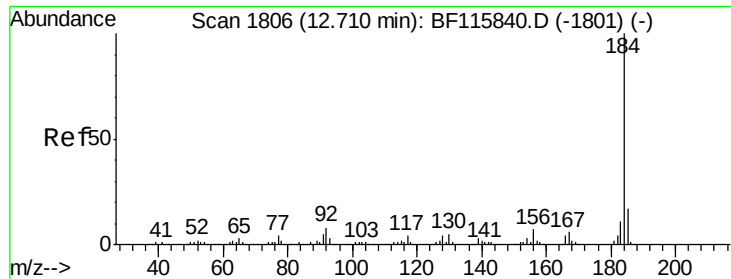
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.7	16.1
236	28.6	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
 600000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.912 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Instrument :

BNA_F

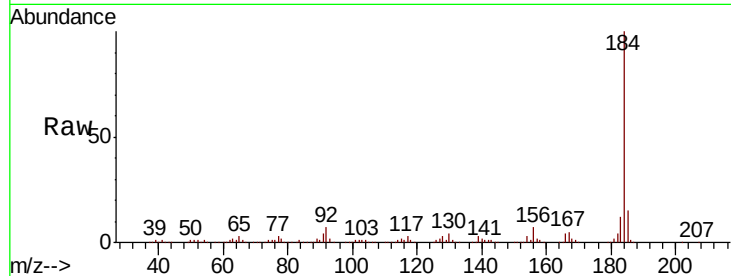
ClientSampleId :

SSTDCCC040

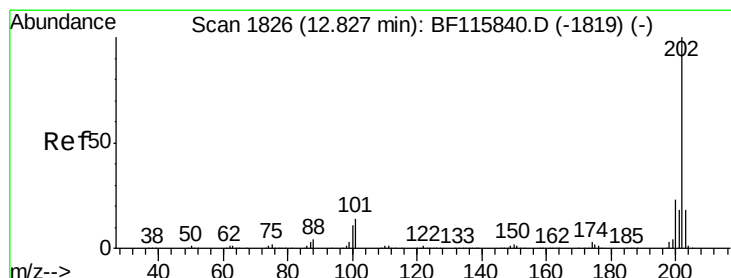
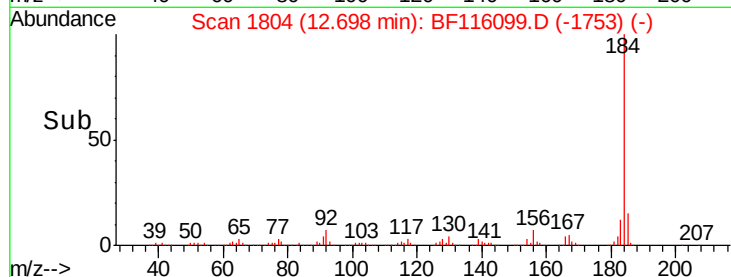
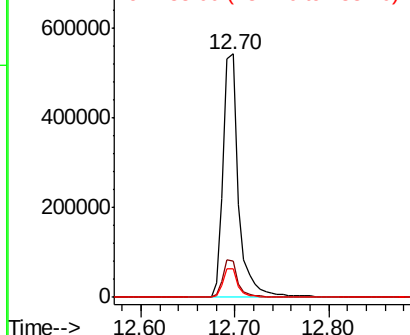
Tot Ion:	184	Resp:	628152
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.8	19.2
183	11.5	9.4	14.0

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



#78

Pyrene

Concen: 42.319 ng

RT: 12.81 min Scan# 1823

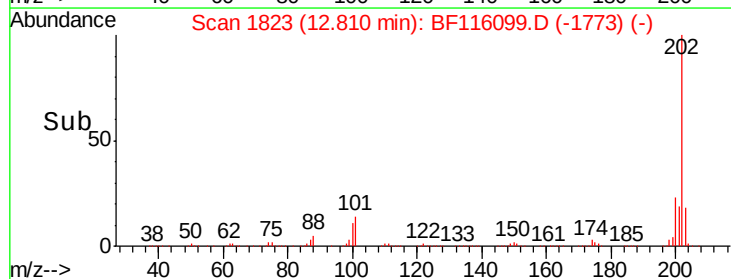
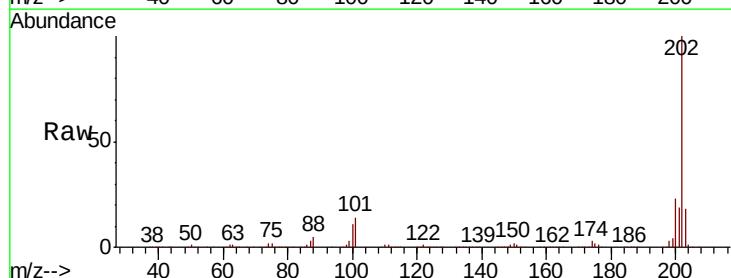
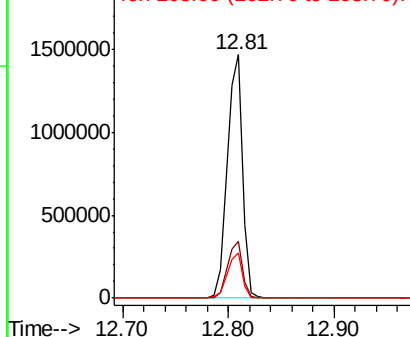
Delta R.T. -0.01 min

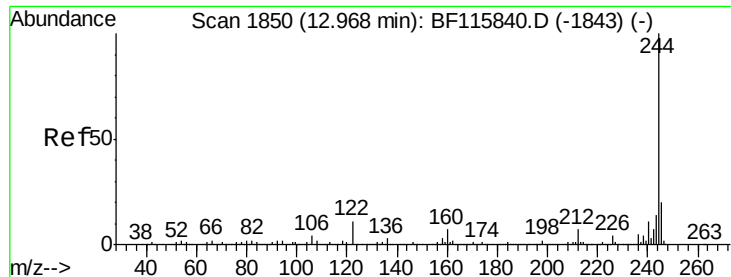
Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Tgt Ion:	202	Resp:	1449777
Ion Ratio	Lower	Upper	
202	100		
200	23.1	18.0	27.0
203	18.4	14.1	21.1

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





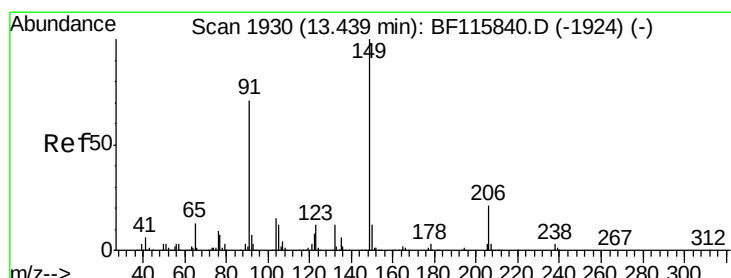
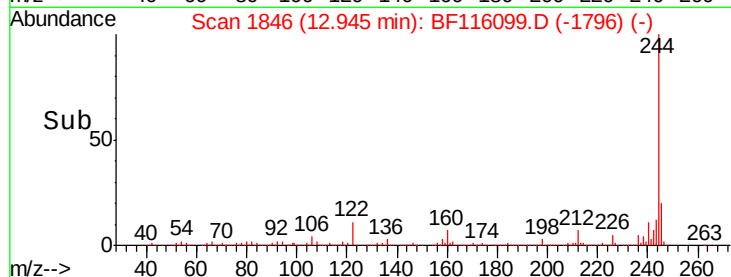
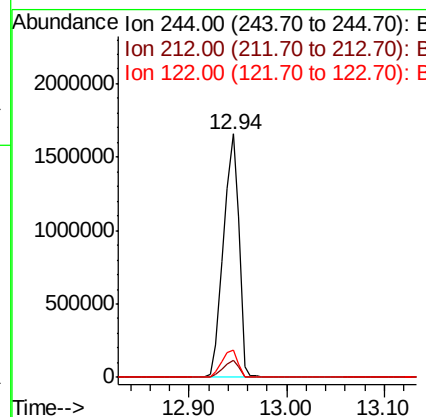
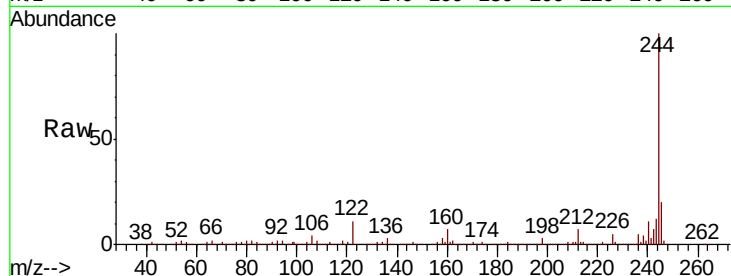
#79
 Terphenyl-d14
 Concen: 85.001 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.1	9.0	13.4

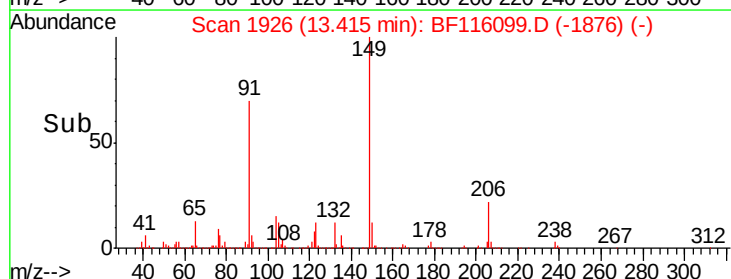
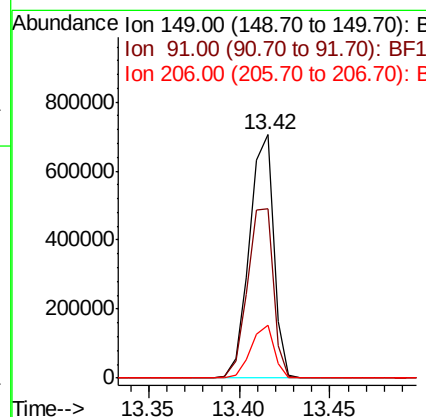
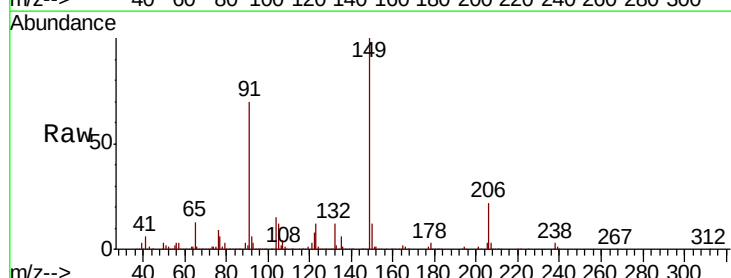
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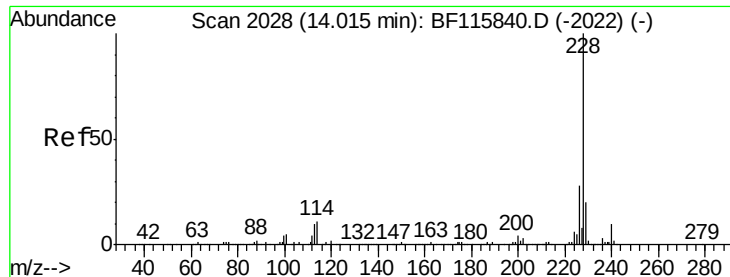
Sohil
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#80
 Butylbenzylphthalate
 Concen: 45.491 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.7	56.3	84.5
206	21.9	18.0	27.0





#81

Benzo(a)anthracene

Concen: 43.711 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1269710

Ion Ratio Lower Upper

228 100

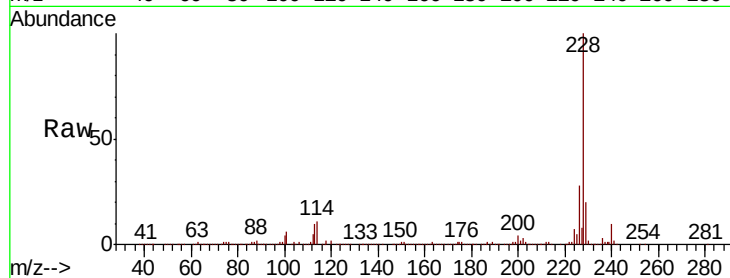
226 28.2 22.7 34.1

229 20.5 16.2 24.4

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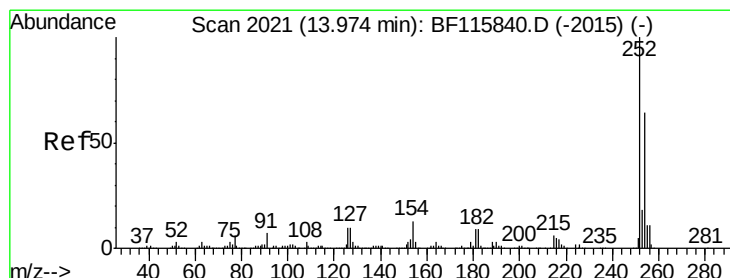
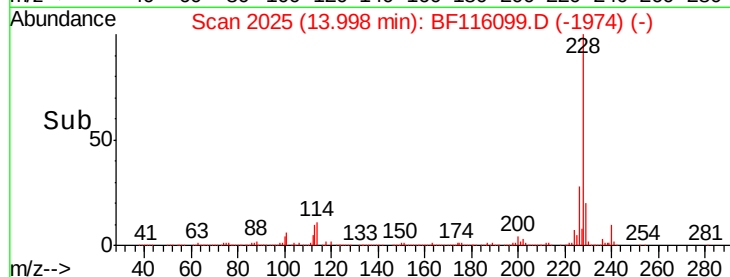
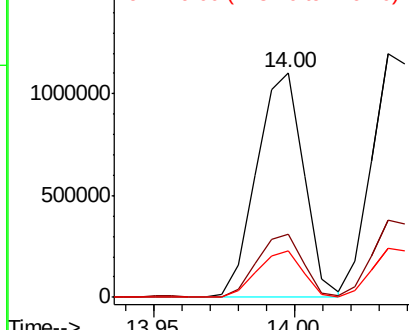


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.309 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF116099.D

Acq: 9 Aug 2019 8:46

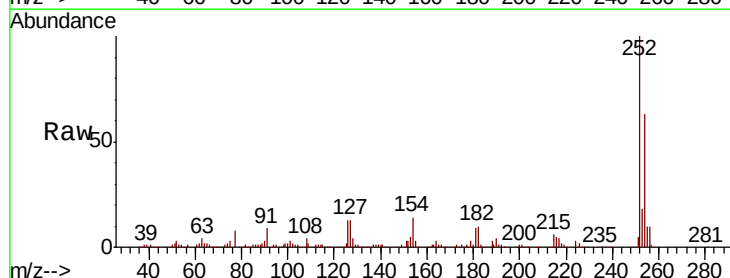
Tgt Ion:252 Resp: 447161

Ion Ratio Lower Upper

252 100

254 63.2 50.9 76.3

126 12.6 9.8 14.8

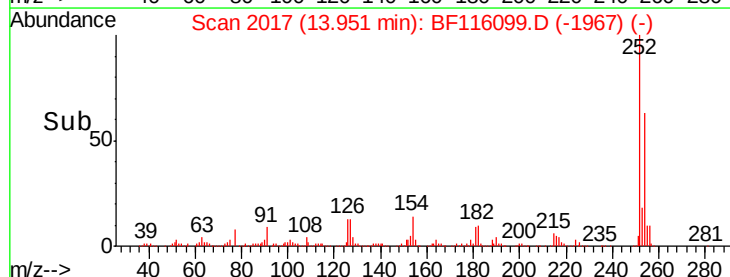
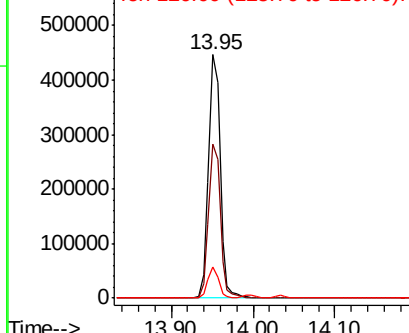


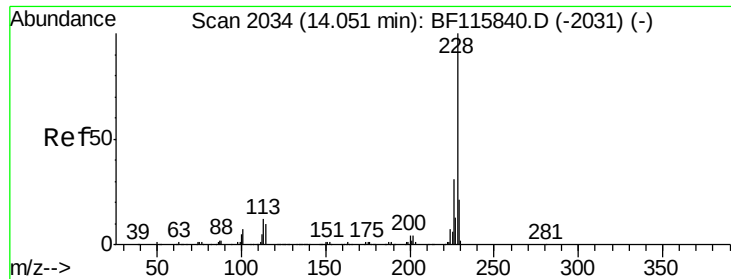
Abundance

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





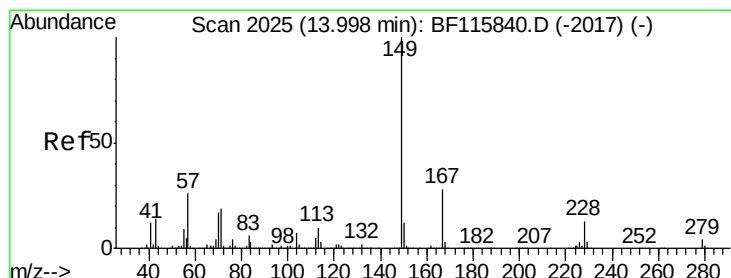
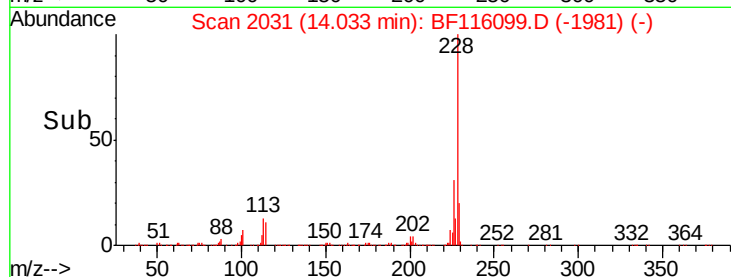
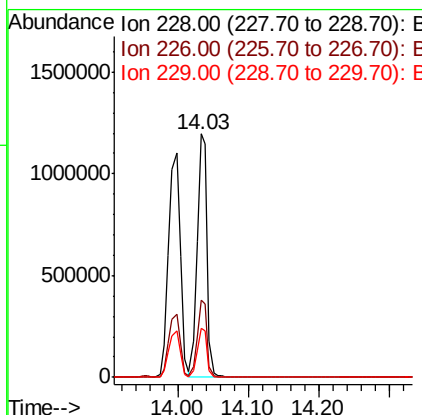
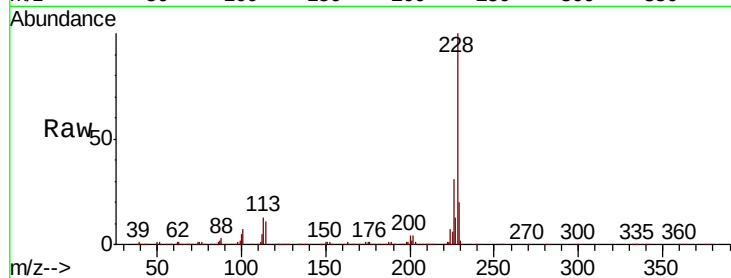
#83
 Chrysene
 Concen: 42.832 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.5	38.3
229	20.3	16.6	24.8

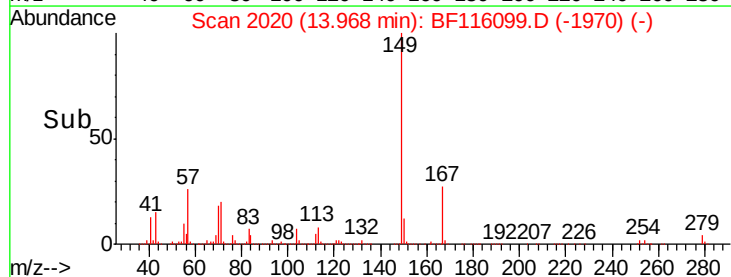
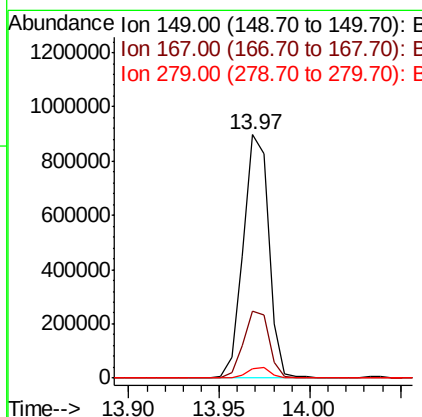
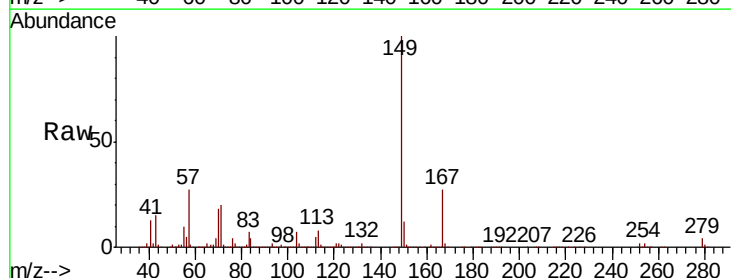
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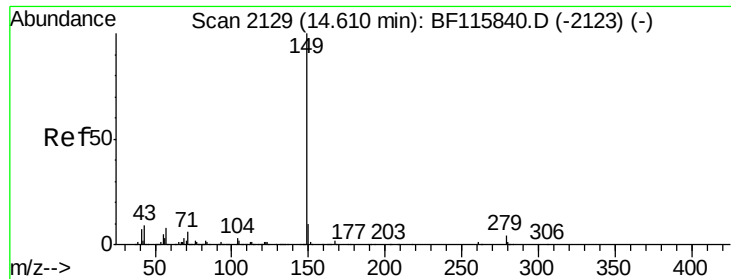
Sohil
 8/13/2019 7:17:38 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.773 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116099.D
 Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	3.8	3.0	4.4





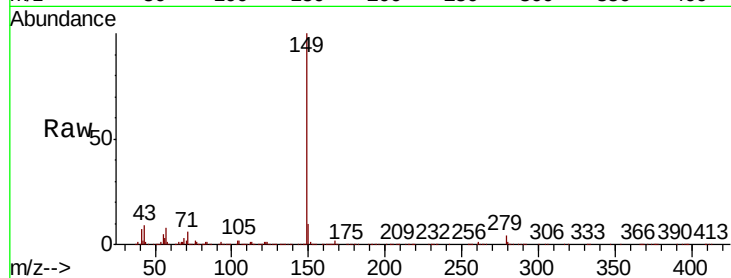
#85
Di-n-octyl phthalate
Concen: 45.238 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

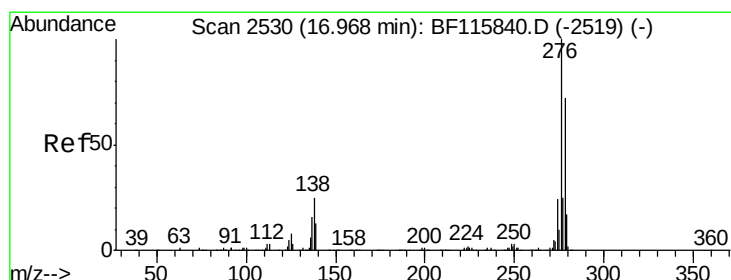
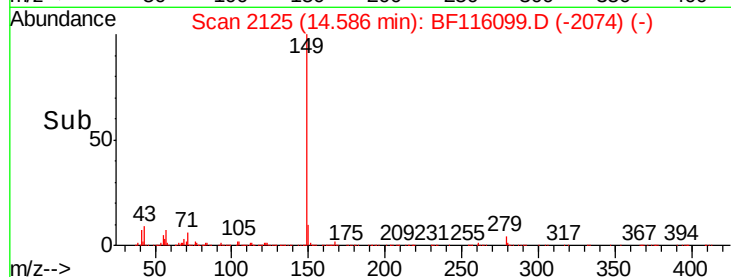
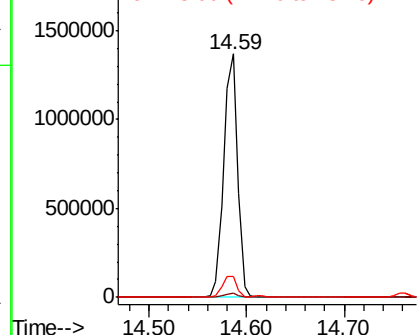
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.2	7.5	11.3

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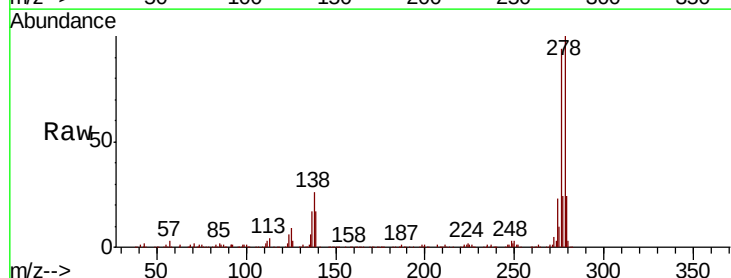


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

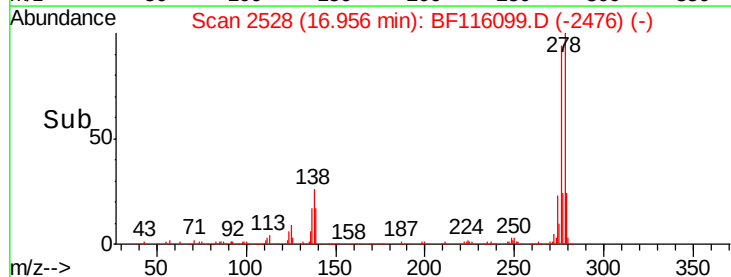
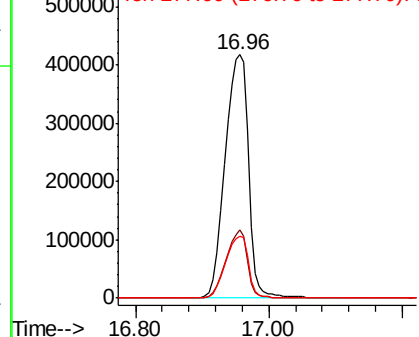


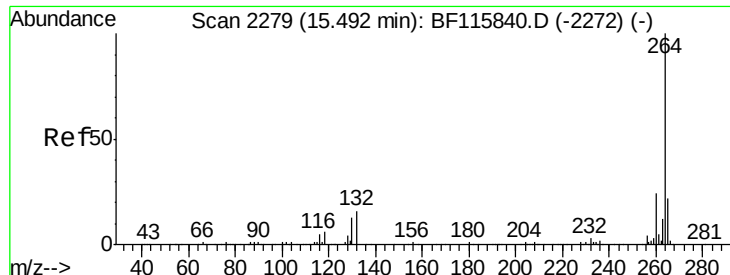
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.742 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.4	30.6
277	25.0	20.0	30.0



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





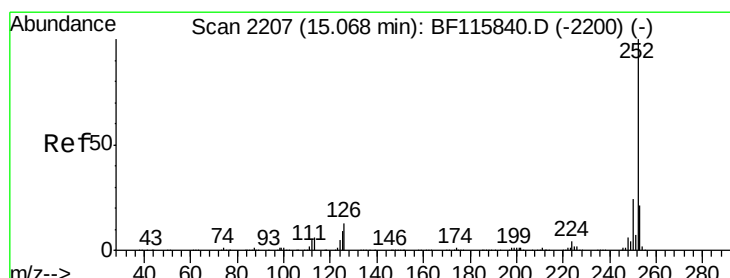
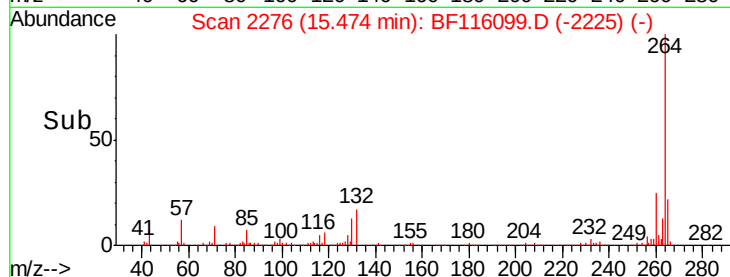
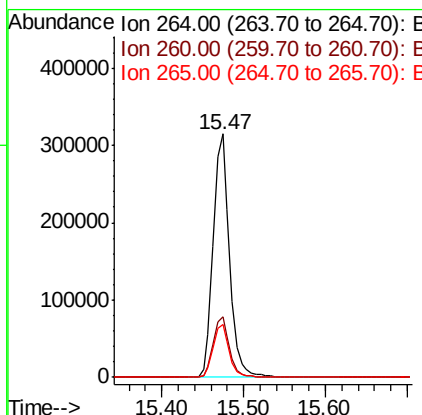
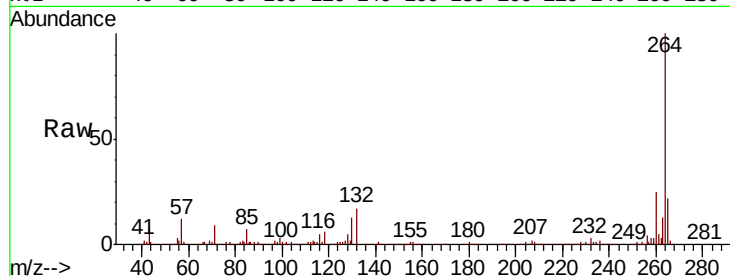
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.9	17.4	26.0

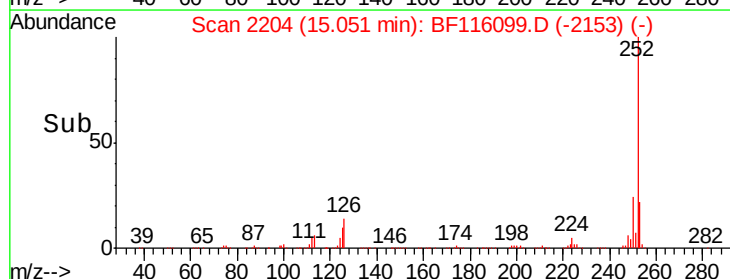
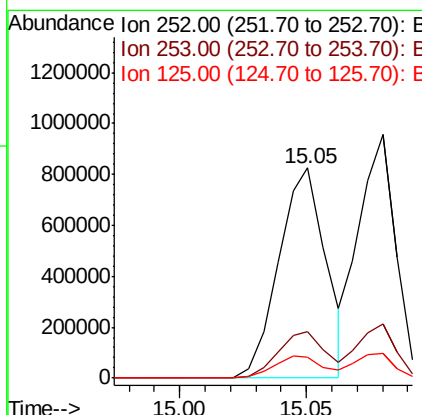
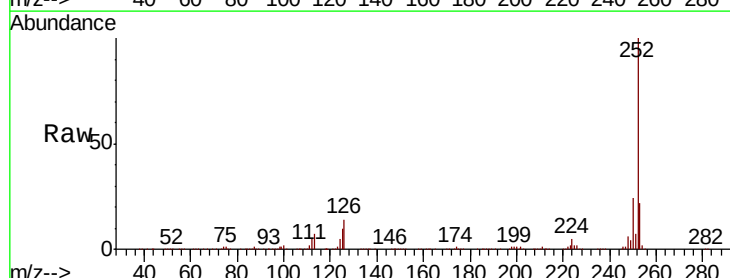
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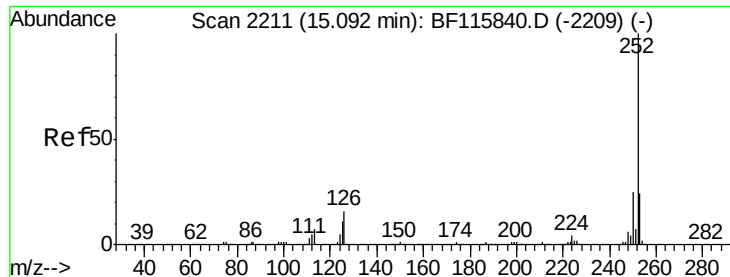
Sohil
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#88
Benzo(b)fluoranthene
Concen: 42.082 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.2	8.4	12.6





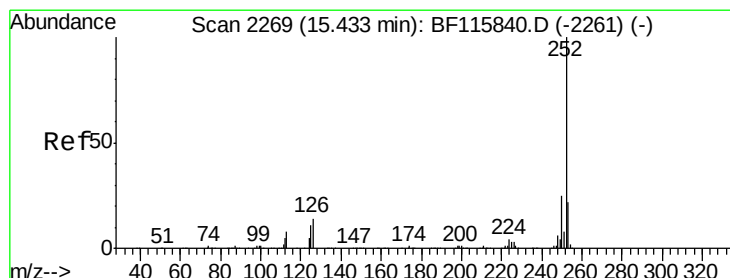
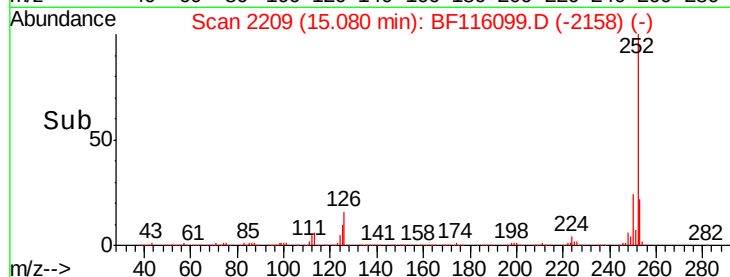
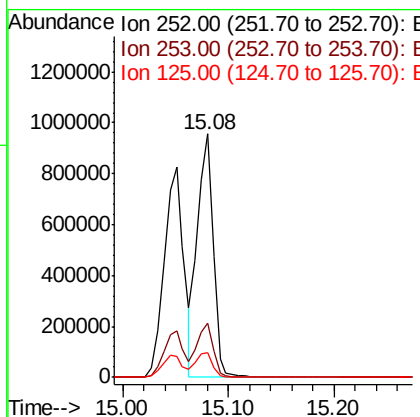
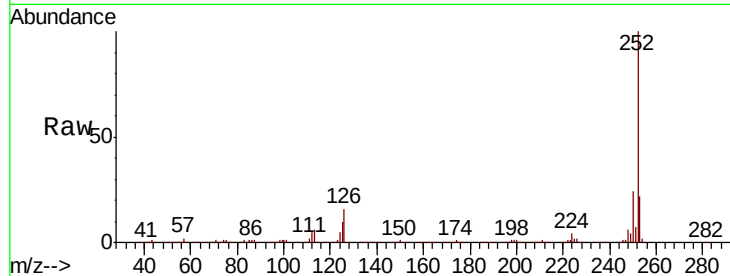
#89
Benzo(k)fluoranthene
Concen: 40.009 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.4	7.7	11.5

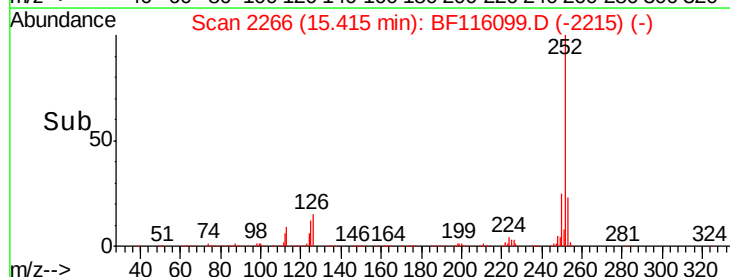
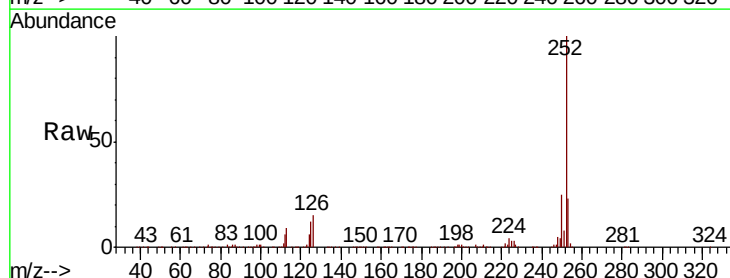
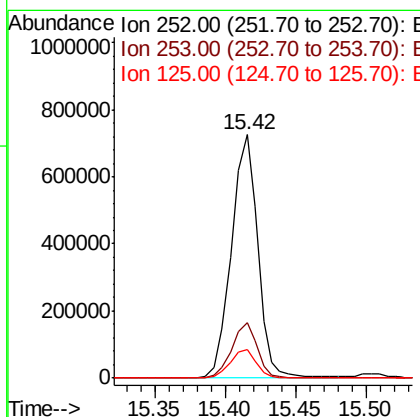
Manual Integrations
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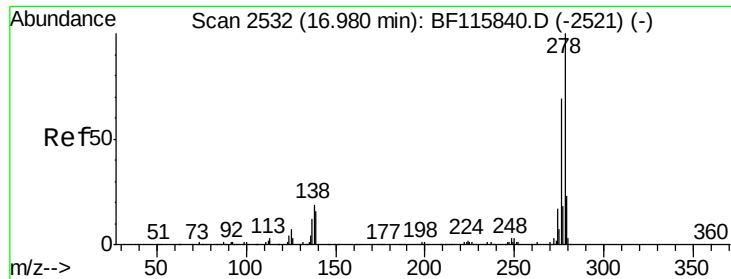
Sohil
8/13/2019 7:17:38 AM



#90
Benzo(a)pyrene
Concen: 41.746 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	12.0	8.9	13.3





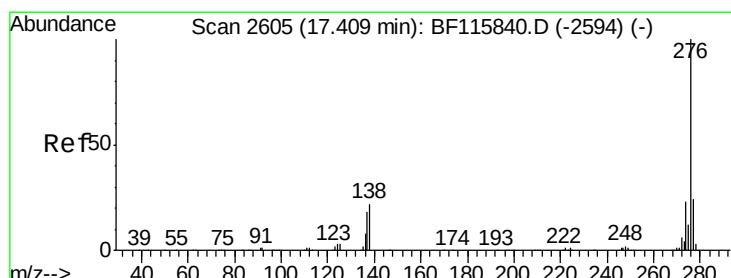
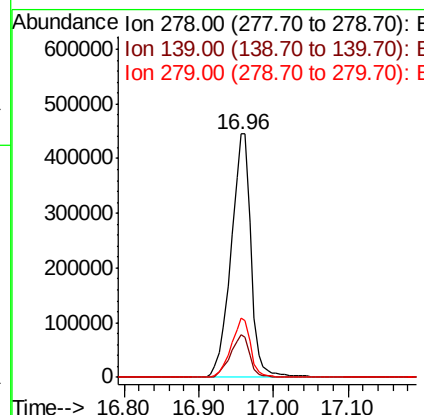
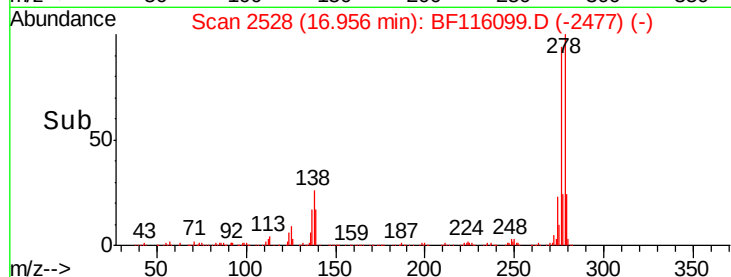
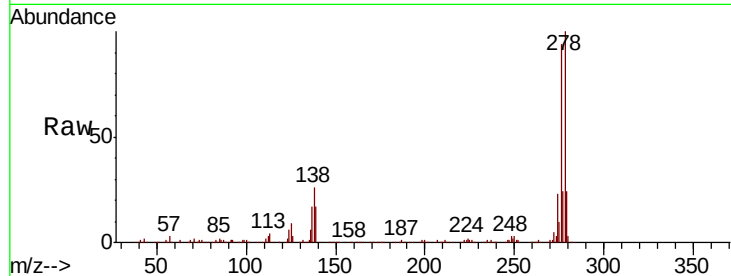
#91
Dibenzo(a,h)anthracene
Concen: 42.497 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.8	19.2
279	24.1	18.8	28.2

Manual Integrations
APPROVED

Sohil
8/13/2019 7:17:38 AM



#92
Benzo(g,h,i)perylene
Concen: 43.553 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BF116099.D
Acq: 9 Aug 2019 8:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	21.5	17.0	25.6

