

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112028.D
 Acq On : 11 Jan 2019 21:06
 Operator : JU/SJ
 Sample : K1088-09MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-07(15-20)MSD

Manual Integrations
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Sohil
 1/14/2019 4:10:32 PM

Quant Time: Jan 12 01:03:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	107563	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	364868	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	159773	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	283364	20.00	ng	0.00
76) Chrysene-d12	14.06	240	186384	20.00	ng	0.02
87) Perylene-d12	15.54	264	154755	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	743197	118.21	ng	0.01
7) Phenol-d6	6.53	99	883180	108.99	ng	0.01
23) Nitrobenzene-d5	7.44	82	509821	74.68	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	215060	103.49	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	876409	79.99	ng	0.00
79) Terphenyl-d14	13.02	244	830621	84.59	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	100552	36.576	ng	98
3) Pyridine	3.43	79	283258	39.753	ng	97
4) n-Nitrosodimethylamine	3.36	42	170110	47.983	ng	98
6) Aniline	6.55	93	88592	9.042	ng	# 1
8) 2-Chlorophenol	6.67	128	270995	38.817	ng	97
9) Benzaldehyde	6.42	77	96078	17.072	ng	100
10) Phenol	6.54	94	353115	40.093	ng	82
11) bis(2-Chloroethyl)ether	6.61	93	260366	38.212	ng	93
12) 1,3-Dichlorobenzene	6.82	146	300271	37.101	ng	97
13) 1,4-Dichlorobenzene	6.89	146	303554	36.961	ng	98
14) 1,2-Dichlorobenzene	7.05	146	285069	36.311	ng	97
15) Benzyl Alcohol	7.02	79	242727	37.857	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	385553	33.188	ng	82
17) 2-Methylphenol	7.15	107	210805	37.570	ng	# 91
18) Hexachloroethane	7.39	117	73854	25.755	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	191696	36.408	ng	98
20) 3+4-Methylphenols	7.29	107	278934	39.944	ng	# 72
22) Acetophenone	7.28	105	375881	40.692	ng	# 91
24) Nitrobenzene	7.46	77	271395	39.298	ng	99
25) Isophorone	7.70	82	489558	44.284	ng	98
26) 2-Nitrophenol	7.77	139	122672	36.076	ng	96
27) 2,4-Dimethylphenol	7.82	122	226625	46.094	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	309106	41.890	ng	# 89
29) 2,4-Dichlorophenol	8.03	162	218233	38.601	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	235588	37.773	ng	99
31) Naphthalene	8.18	128	810002	46.766	ng	100
32) Benzoic acid	7.91	122	25478	7.985	ng	96
33) 4-Chloroaniline	8.23	127	85742	11.452	ng	98
34) Hexachlorobutadiene	8.30	225	145833	37.560	ng	97
35) Caprolactam	8.59	113	65617m	35.524	ng	
36) 4-Chloro-3-methylphenol	8.72	107	202000	35.936	ng	99
37) 2-Methylnaphthalene	8.87	142	511001	47.613	ng	100
38) 1-Methylnaphthalene	8.97	142	473676	46.015	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	215499	42.308	ng	100

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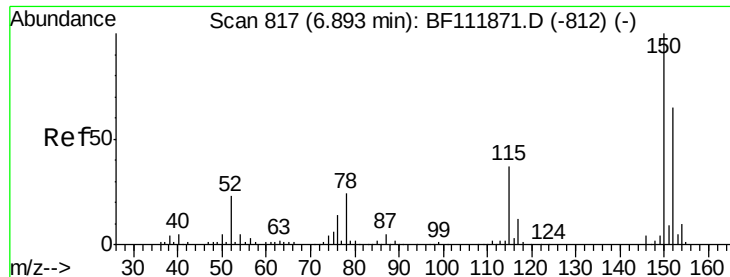
Manual Integrations
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 1/14/2019 4:10:32 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.16	196	142050	41.116	nq	100
44) 2,4,5-Trichlorophenol	9.20	196	143236	39.571	nq	97
46) 1,1'-Biphenyl	9.33	154	575693	43.075	nq	99
47) 2-Chloronaphthalene	9.36	162	421021	40.139	nq	99
48) 2-Nitroaniline	9.46	65	139600	43.531	nq	90
49) Acenaphthylene	9.78	152	755792	48.738	nq	98
50) Dimethylphthalate	9.63	163	585962	48.821	nq	98
51) 2,6-Dinitrotoluene	9.69	165	100074	37.286	nq	92
52) Acenaphthene	9.95	154	480064	48.020	nq	99
53) 3-Nitroaniline	9.86	138	72458	25.209	nq	94
54) 2,4-Dinitrophenol	9.97	184	2043	1.798	nq #	1
55) Dibenzofuran	10.12	168	642415	44.185	nq	98
56) 4-Nitrophenol	10.05	139	153358	75.512	nq	97
57) 2,4-Dinitrotoluene	10.10	165	126654	36.520	nq #	92
58) Fluorene	10.47	166	522879	49.425	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	118504	38.856	nq #	97
60) Diethylphthalate	10.33	149	467264	40.229	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	217526	36.667	nq	95
62) 4-Nitroaniline	10.47	138	94738	34.750	nq	95
63) Azobenzene	10.62	77	414168	37.327	nq	93
65) 4,6-Dinitro-2-methylphenol	10.52	198	4399	2.516	nq #	1
66) n-Nitrosodiphenylamine	10.57	169	398275	41.884	nq	98
67) 4-Bromophenyl-phenylether	10.95	248	135464	36.909	nq	99
68) Hexachlorobenzene	11.02	284	146623	36.047	nq #	93
69) Atrazine	11.10	200	130752	39.136	nq	98
70) Pentachlorophenol	11.22	266	137721	59.500	nq	99
71) Phenanthrene	11.43	178	1322719	87.308	nq	99
72) Anthracene	11.49	178	763562	49.648	nq	98
73) Carbazole	11.64	167	579479	38.736	nq	99
74) Di-n-butylphthalate	11.96	149	696365	40.075	nq	99
75) Fluoranthene	12.64	202	1040827	66.922	nq	96
77) Benzidine	12.79	184	136047	24.428	nq #	95
78) Pyrene	12.87	202	867742	67.663	nq	99
80) Butylbenzylphthalate	13.47	149	275529	50.819	nq	92
81) Benzo(a)anthracene	14.06	228	581582	54.218	nq	96
82) 3,3'-Dichlorobenzidine	14.01	252	43532	10.993	nq #	91
83) Chrysene	14.09	228	518907	50.736	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	472410	66.347	nq	99
85) Di-n-octyl phthalate	14.64	149	524897	51.512	nq	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	485265	65.081	nq	99
88) Benzo(b)fluoranthene	15.12	252	464394	50.165	nq #	89
89) Benzo(k)fluoranthene	15.14	252	372010	42.751	nq #	91
90) Benzo(a)pyrene	15.49	252	430118	52.842	nq #	94
91) Dibenzo(a,h)anthracene	17.06	278	368996	56.363	nq	98
92) Benzo(g,h,i)perylene	17.51	276	357661	55.856	nq	100

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



#1

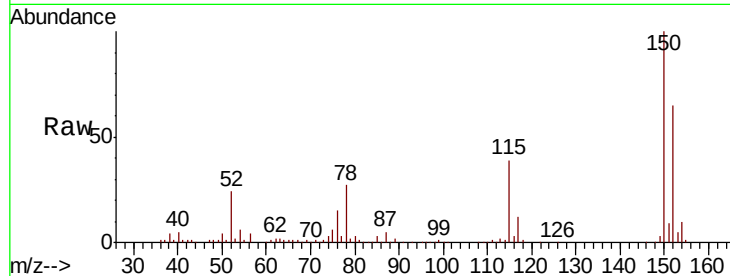
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.7	184.1
115	60.2	45.2	67.8

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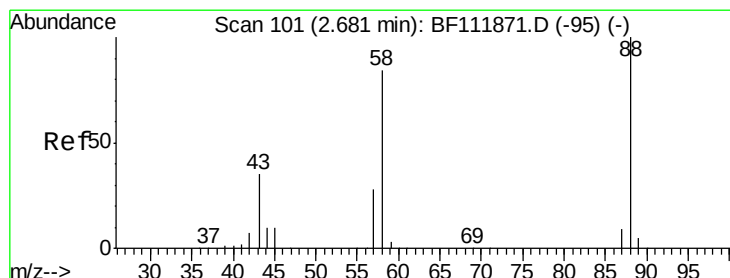
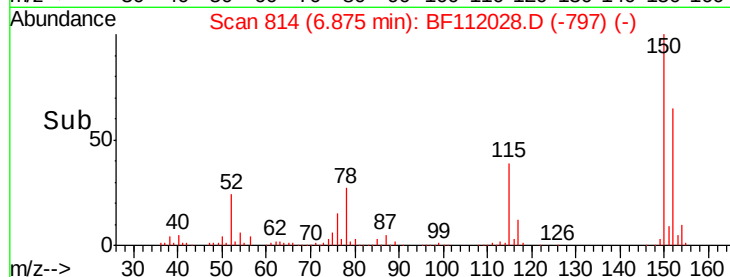
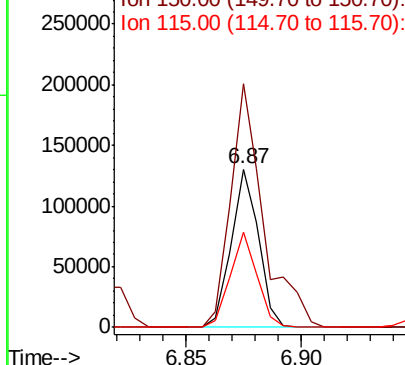


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.576 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

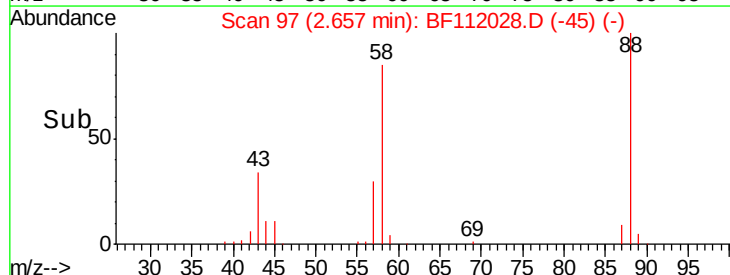
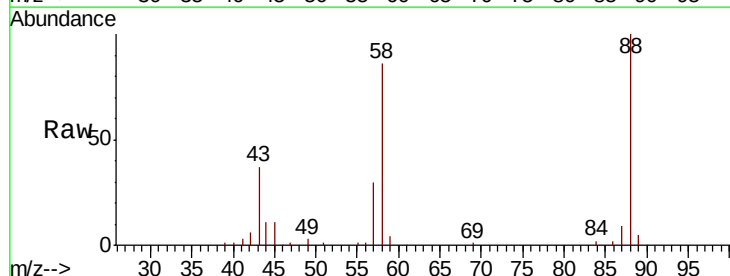
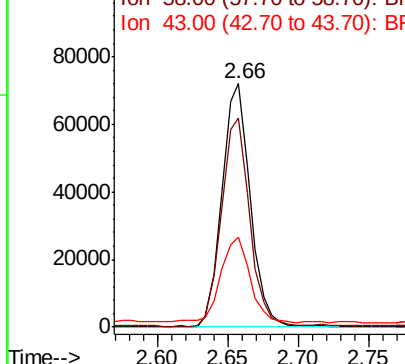
Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.4	67.6	101.4
43	36.1	29.0	43.6

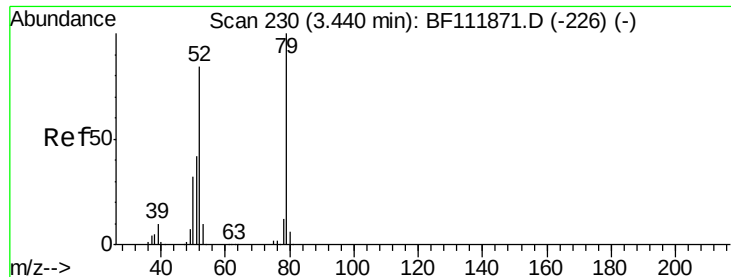
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.753 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.02 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

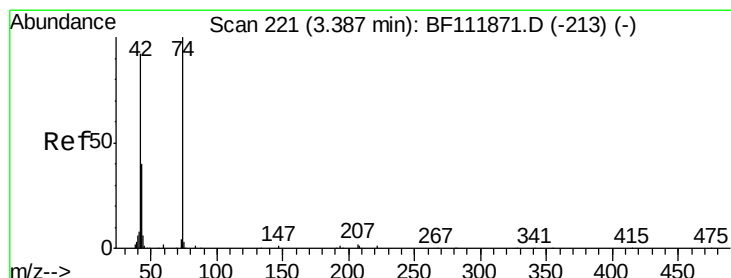
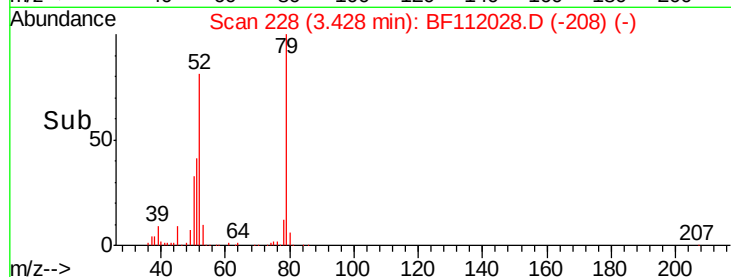
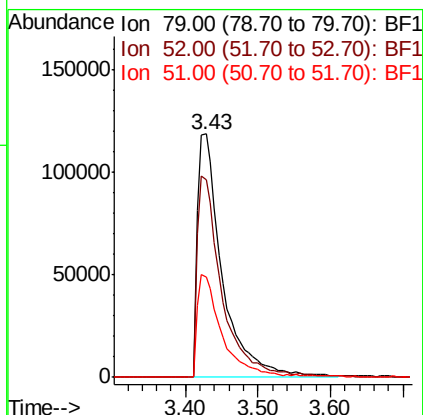
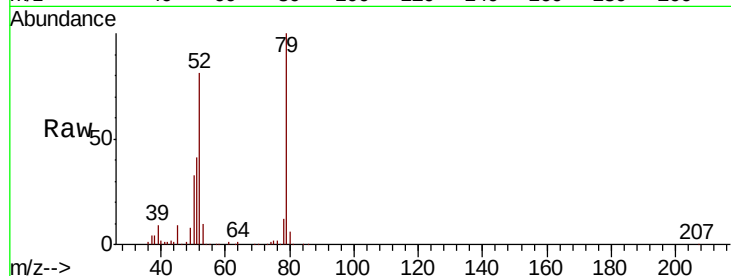
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	79	Resp:	283258
Ion Ratio	Lower	Upper	
79	100		
52	81.0	67.0	100.6
51	40.9	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 47.983 ng

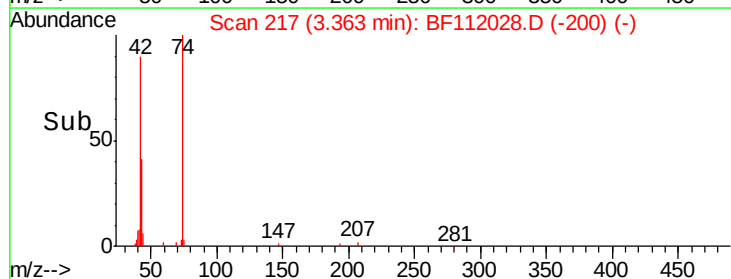
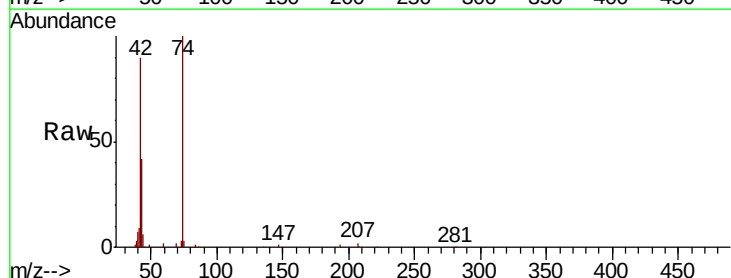
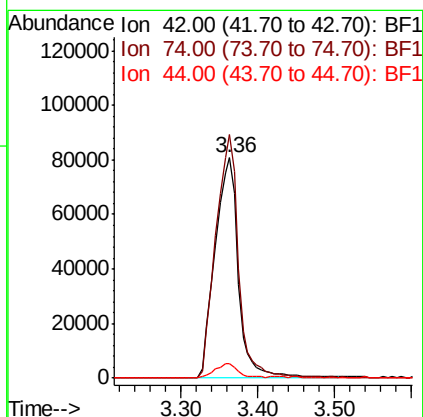
RT: 3.36 min Scan# 217

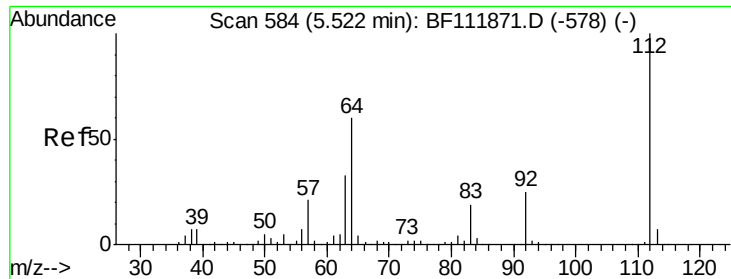
Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Tgt Ion:	42	Resp:	170110
Ion Ratio	Lower	Upper	
42	100		
74	110.6	87.0	130.6
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 118.207 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

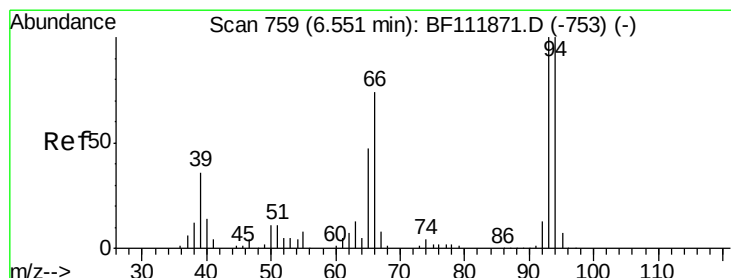
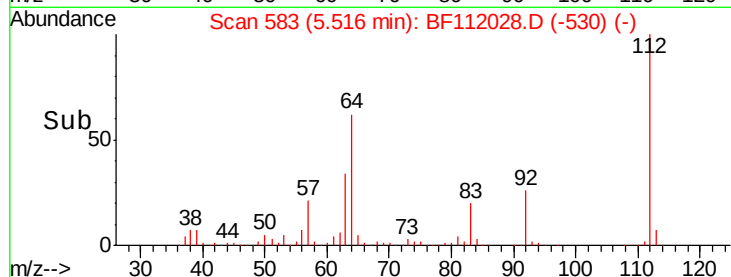
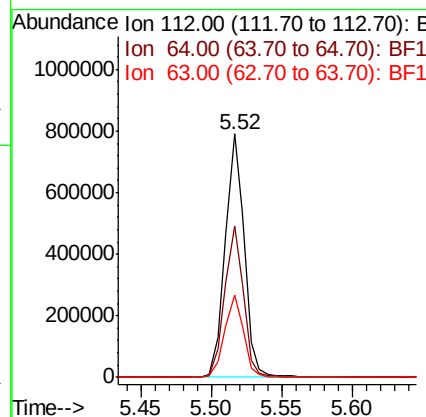
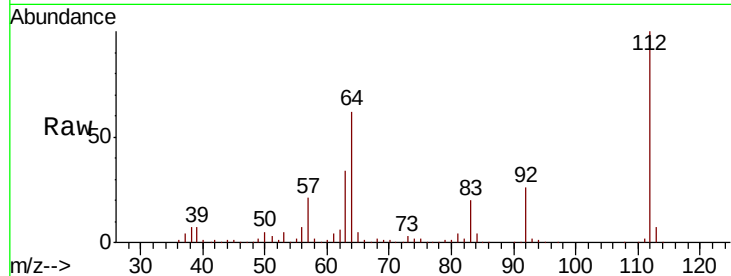
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	112	Resp:	743197
Ion Ratio	Lower	Upper	
112	100		
64	62.4	48.3	72.5
63	33.8	26.1	39.1

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#6

Aniline

Concen: 9.042 ng

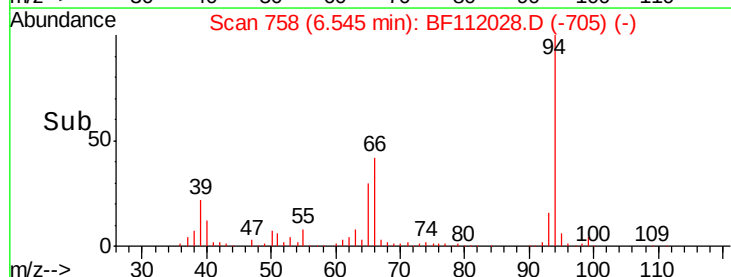
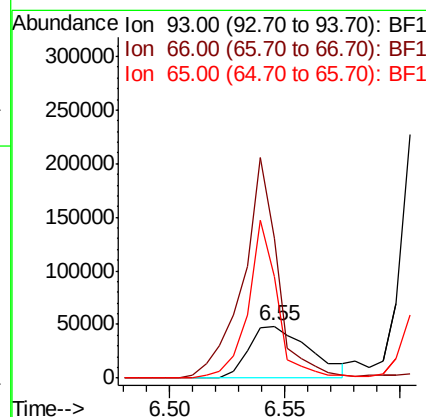
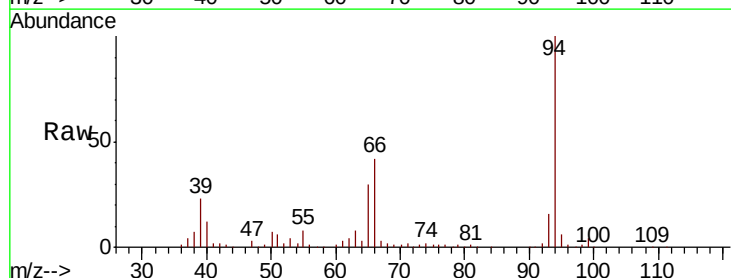
RT: 6.55 min Scan# 758

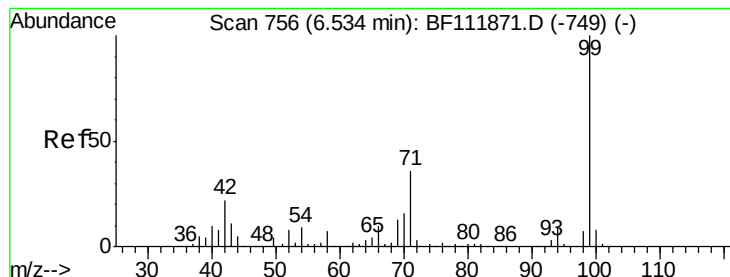
Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Tgt Ion:	93	Resp:	88592
Ion Ratio	Lower	Upper	
93	100		
66	268.1	60.0	90.0#
65	195.7	37.5	56.3#





#7

Phenol-d6

Concen: 108.988 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

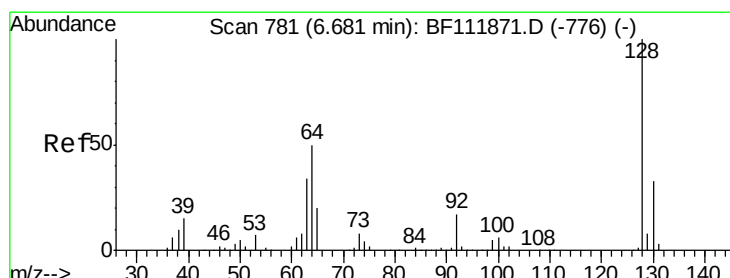
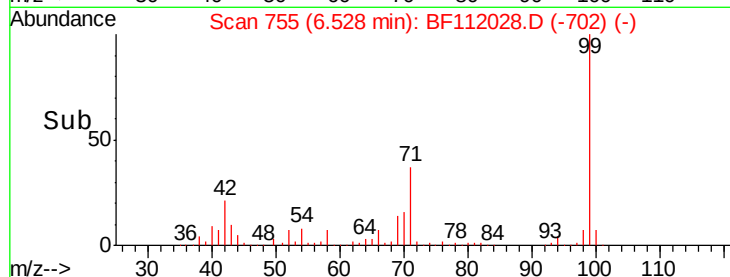
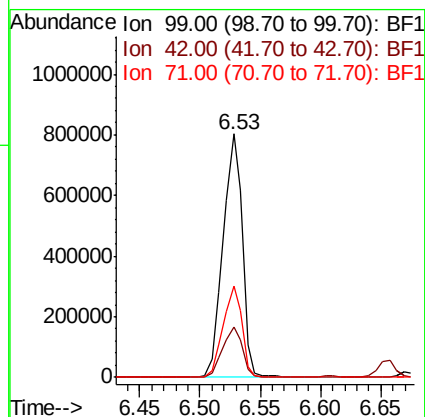
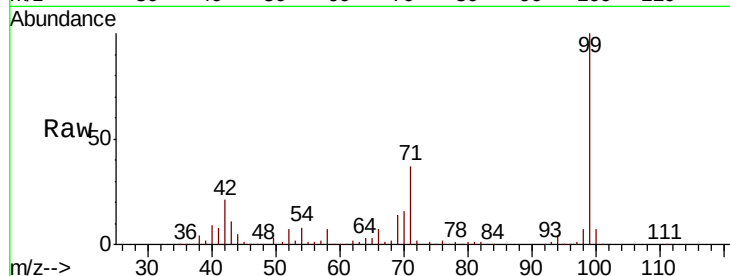
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		883180		
42	20.8	17.9	26.9		
71	37.3	28.7	43.1		

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#8

2-Chlorophenol

Concen: 38.817 ng

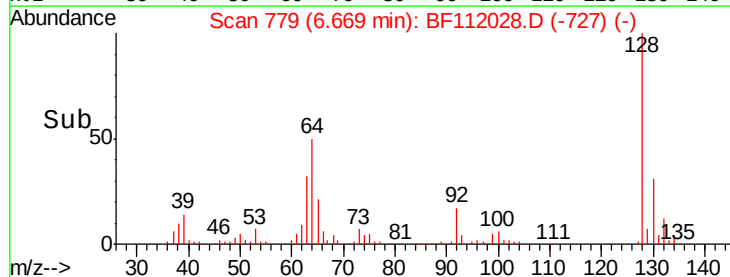
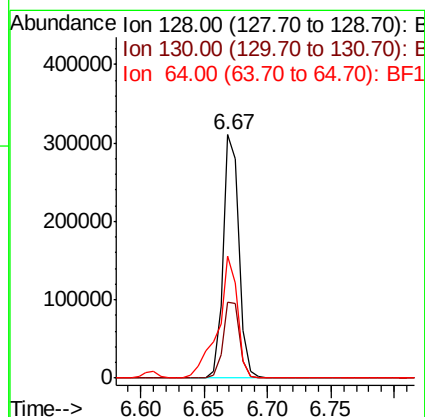
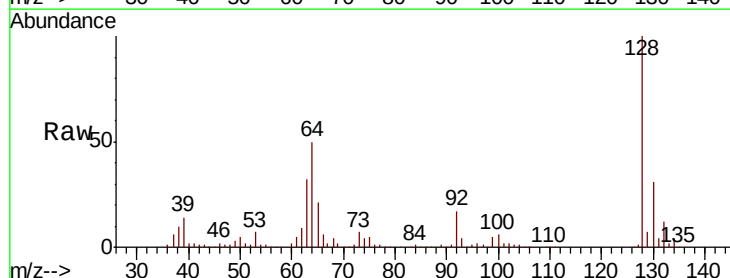
RT: 6.67 min Scan# 779

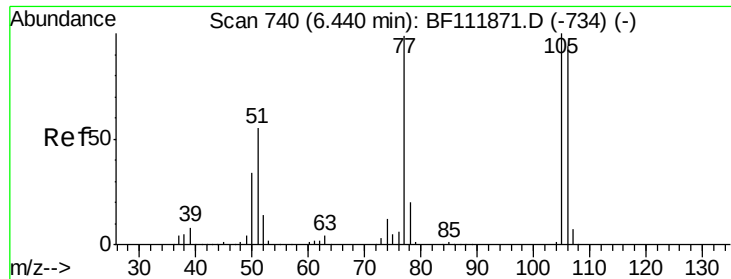
Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		270995		
130	31.4	12.7	52.7		
64	49.9	31.8	71.8		





#9

Benzaldehyde

Concen: 17.072 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

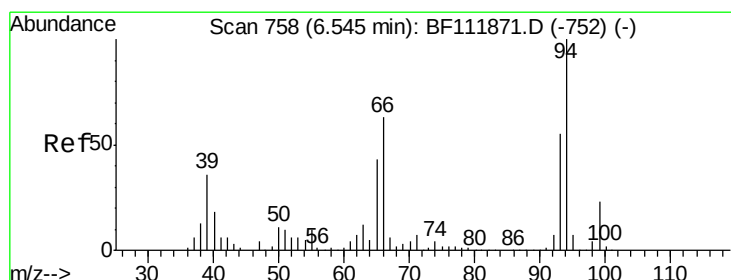
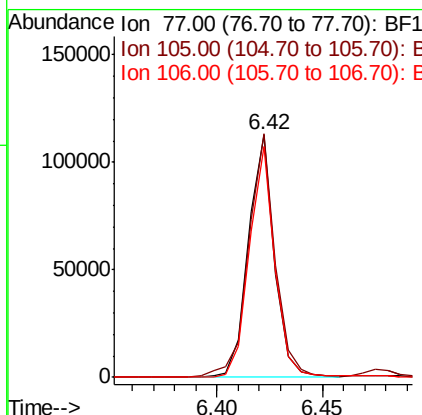
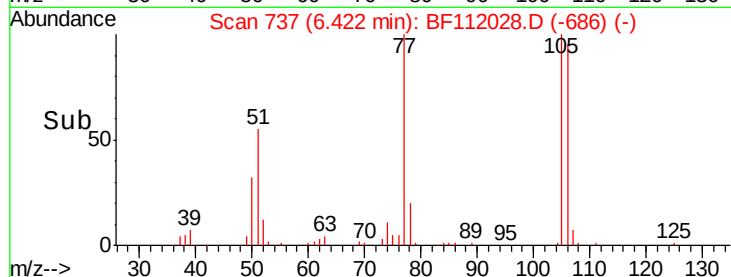
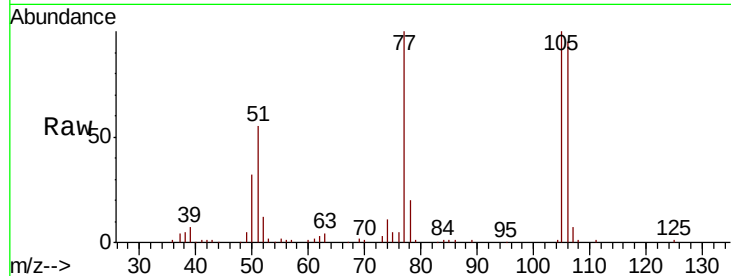
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	77	Resp:	96078
Ion	Ratio	Lower	Upper
77	100		
105	100.4	80.6	120.6
106	95.3	74.6	114.6

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#10

Phenol

Concen: 40.093 ng

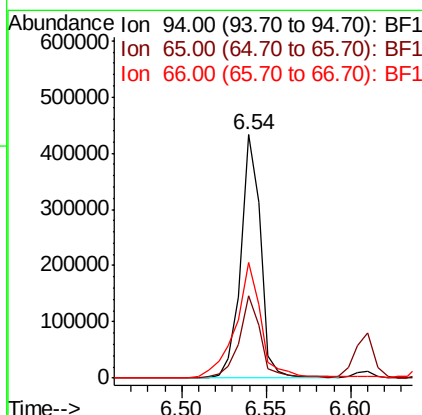
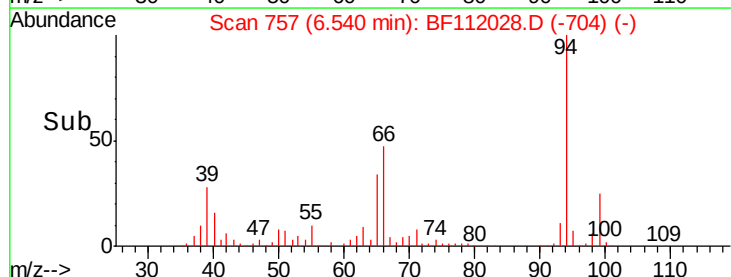
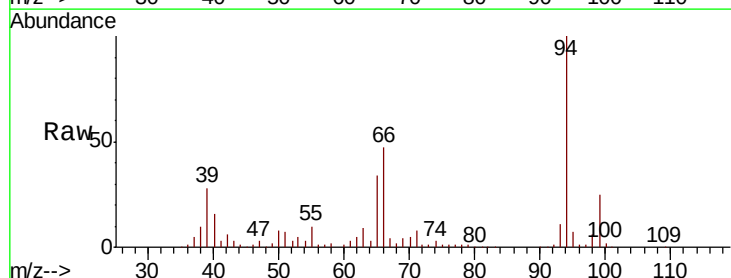
RT: 6.54 min Scan# 757

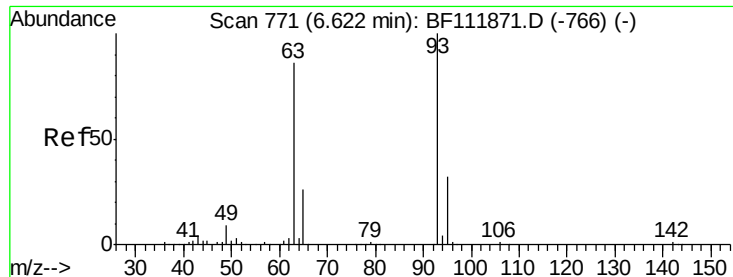
Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Tgt Ion:	94	Resp:	353115
Ion	Ratio	Lower	Upper
94	100		
65	33.9	22.8	62.8
66	47.4	43.3	83.3





#11

bis(2-Chloroethyl)ether

Concen: 38.212 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

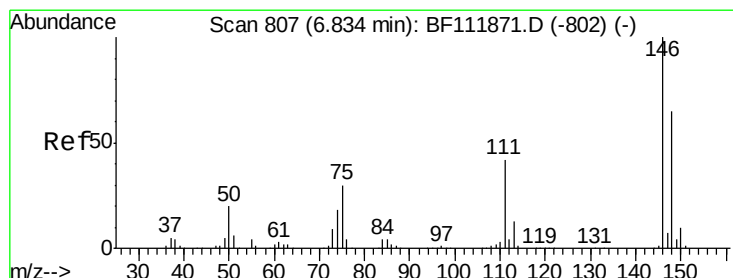
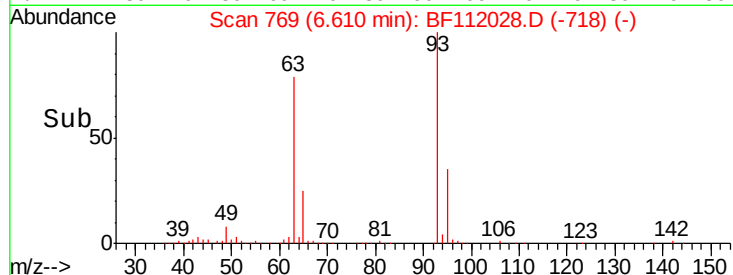
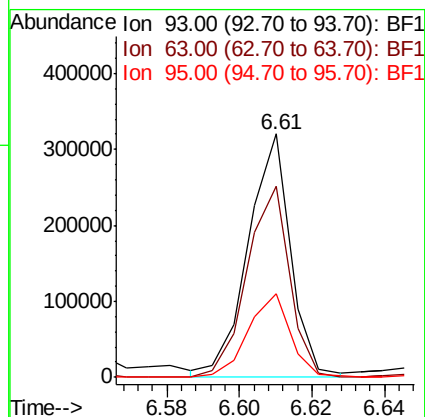
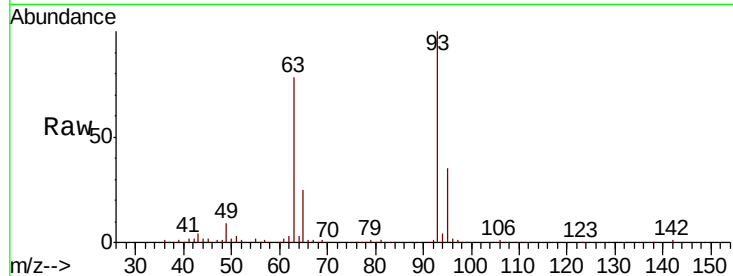
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	93	Resp:	260366
Ion	Ratio	Lower	Upper
93	100		
63	78.4	65.2	105.2
95	34.5	11.9	51.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 37.101 ng

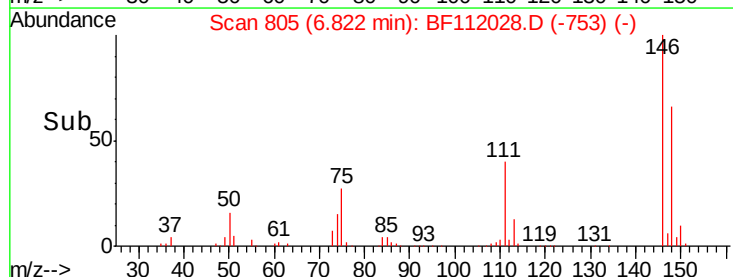
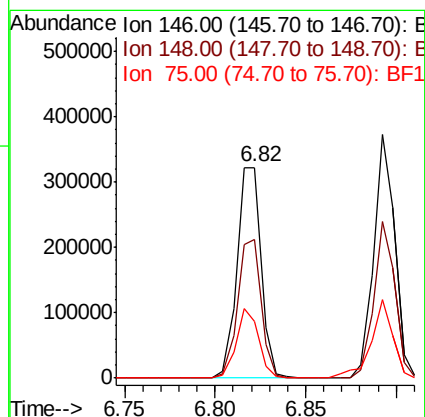
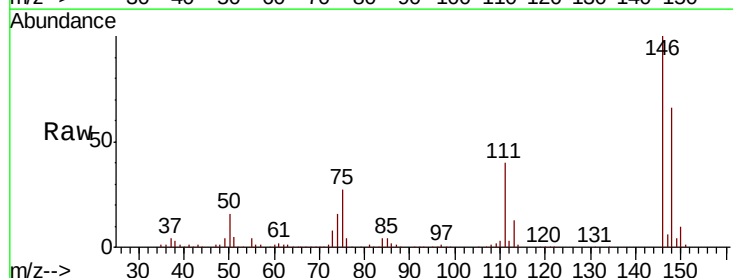
RT: 6.82 min Scan# 805

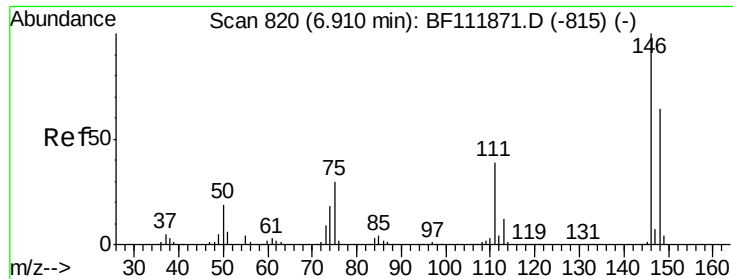
Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Tgt Ion:	146	Resp:	300271
Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.8	77.6
75	27.2	24.3	36.5





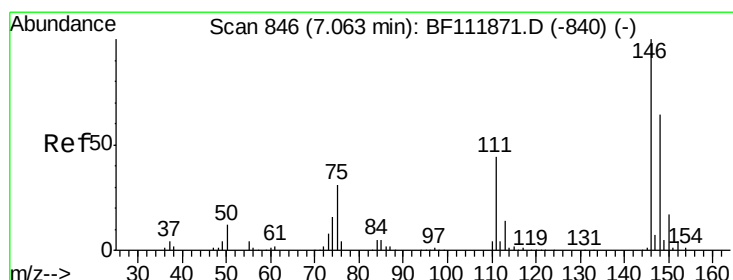
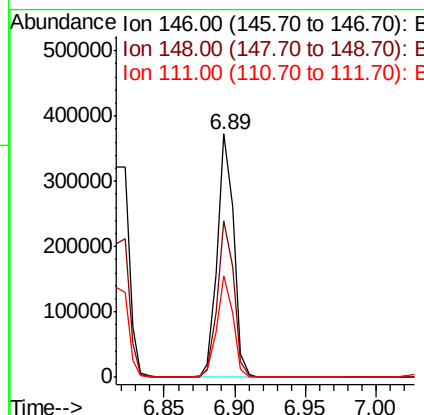
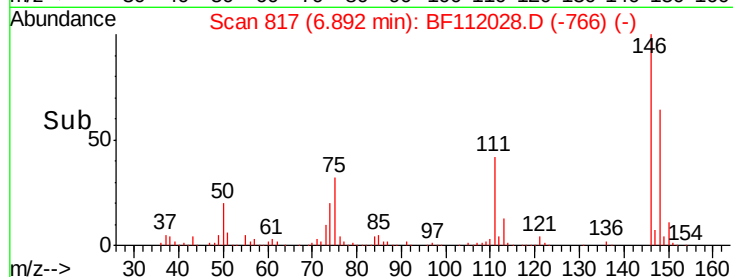
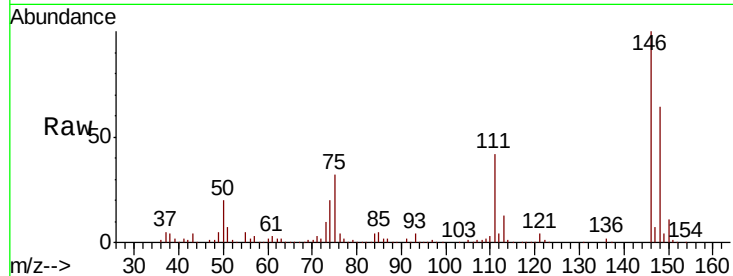
#13
 1,4-Dichlorobenzene
 Concen: 36.961 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	42.0	31.5	47.3

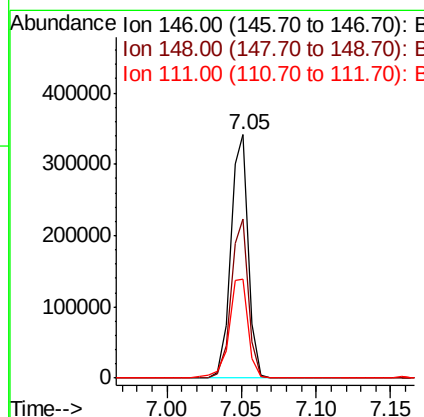
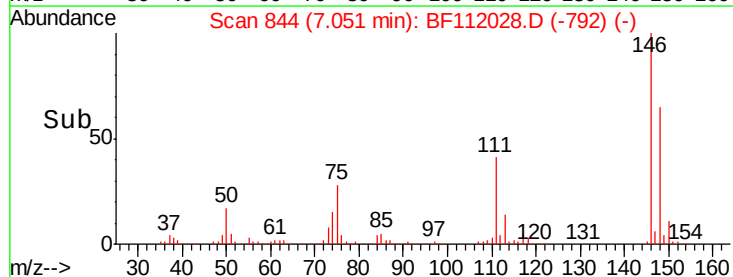
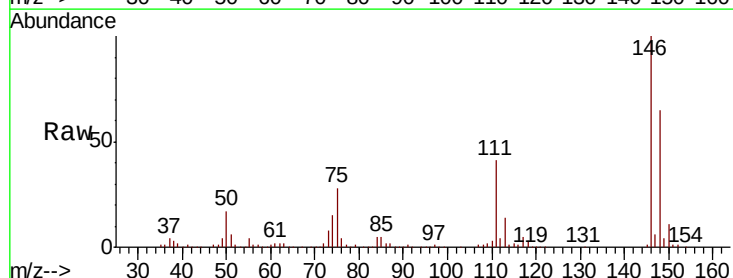
Manual Integrations
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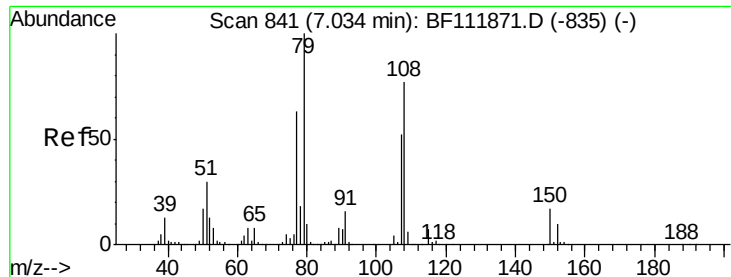
Sohil
 1/14/2019 4:10:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.311 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.5	77.3
111	40.6	35.5	53.3





#15

Benzyl Alcohol

Concen: 37.857 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

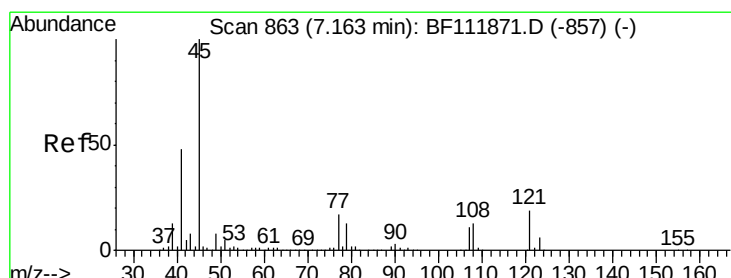
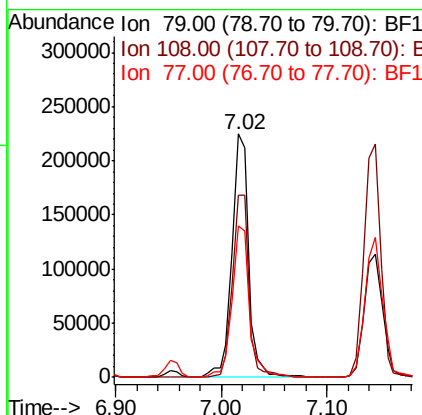
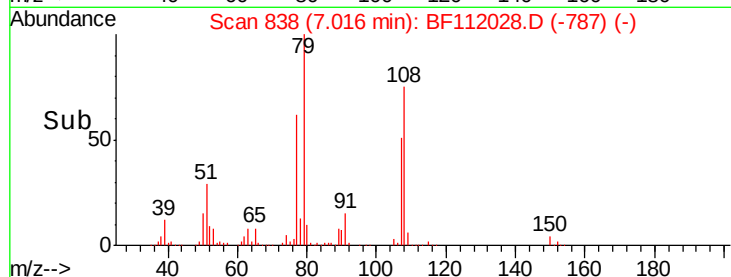
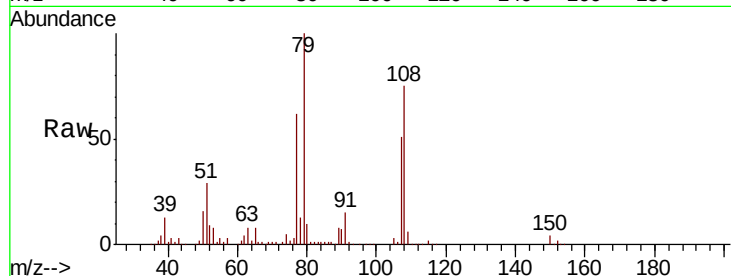
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	79	Resp:	242727
Ion Ratio	Lower	Upper	
79	100		
108	74.7	61.4	92.0
77	62.0	50.4	75.6

Manual Integrations
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1/14/2019 4:10:32 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.188 ng

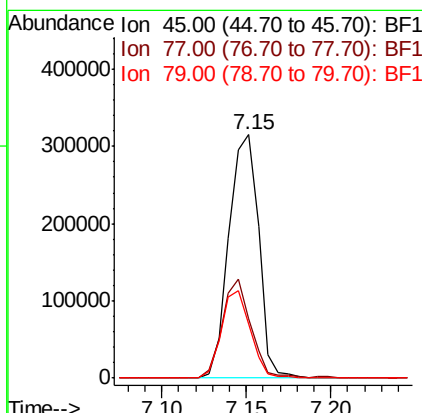
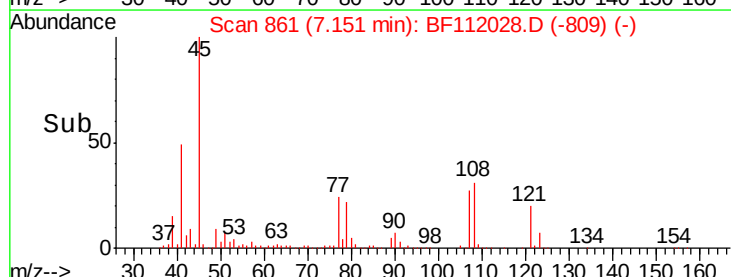
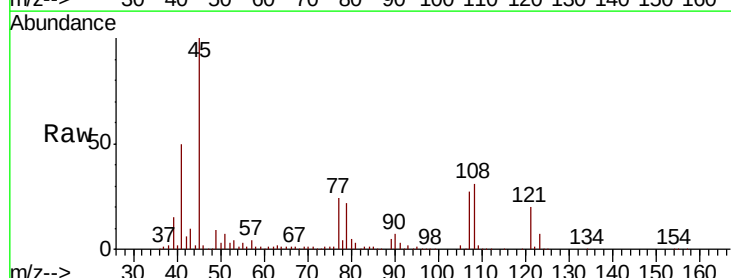
RT: 7.15 min Scan# 861

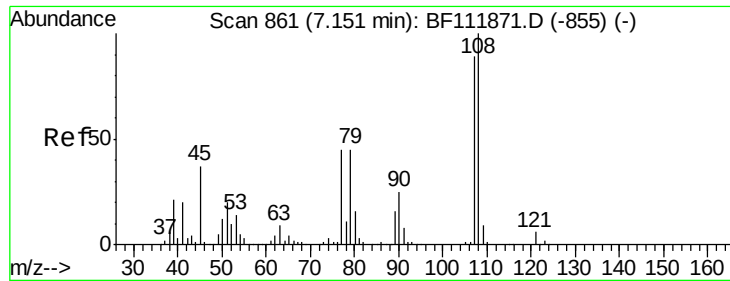
Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Tgt Ion:	45	Resp:	385553
Ion Ratio	Lower	Upper	
45	100		
77	24.3	0.0	37.1
79	22.1	0.0	33.9





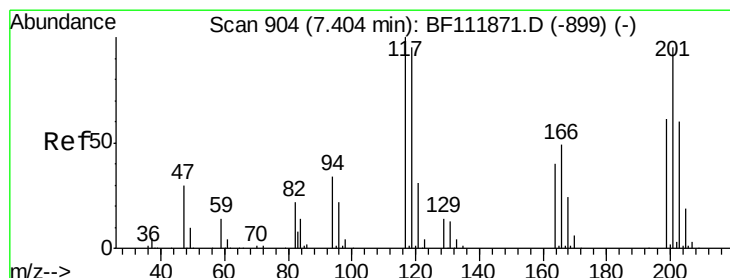
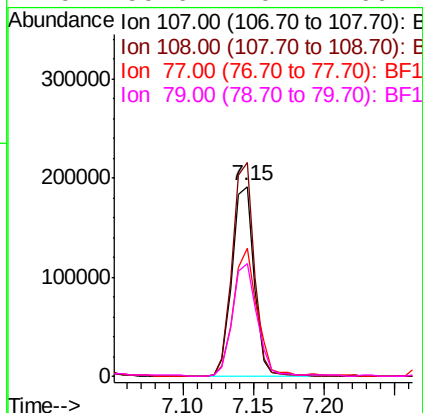
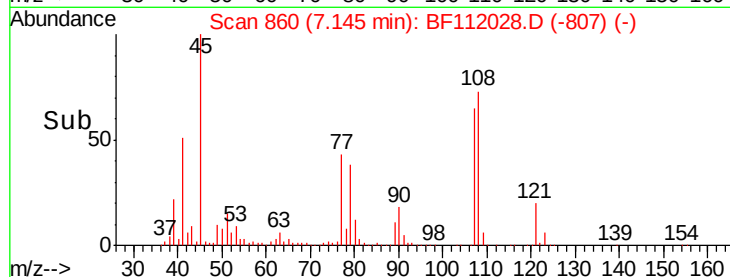
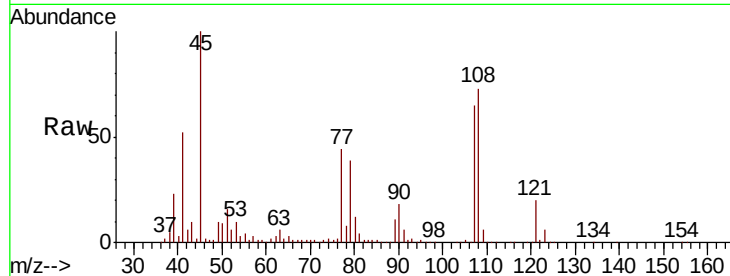
#17
2-Methylphenol
Concen: 37.570 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion:	107	Resp:	210805
Ion Ratio	Lower	Upper	
107	100		
108	112.6	89.7	134.5
77	67.3	40.6	60.8
79	59.6	40.2	60.2

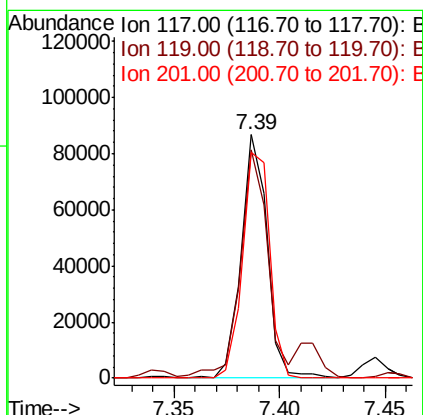
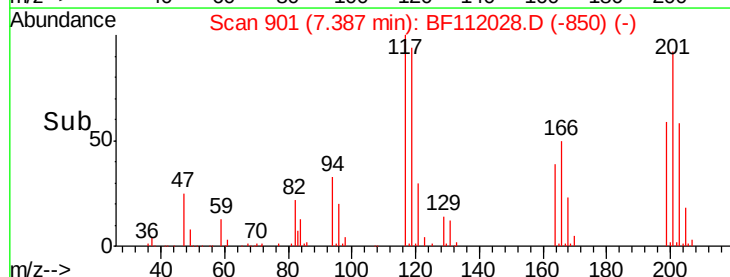
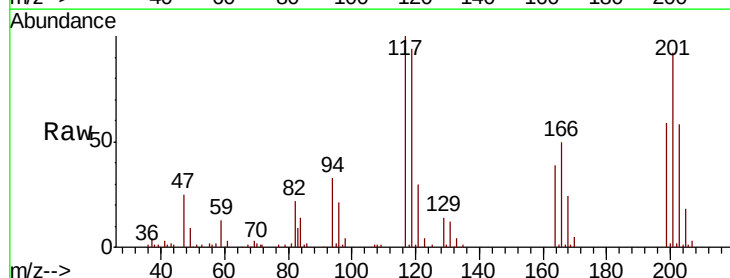
Manual Integrations
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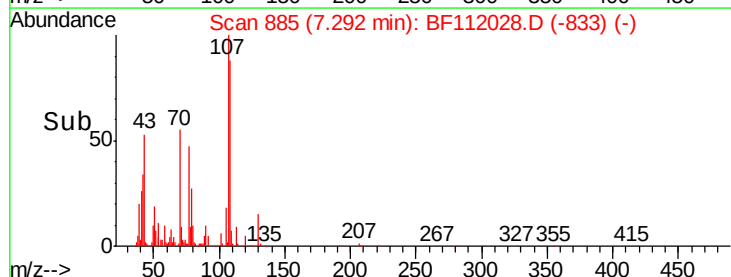
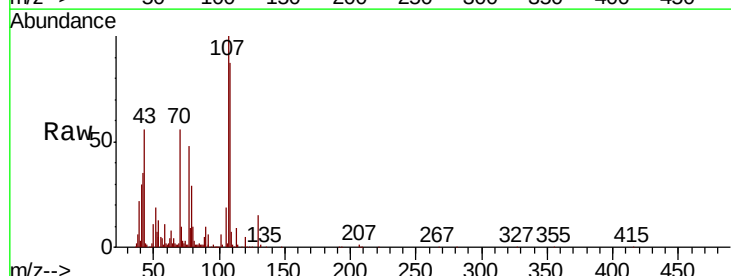
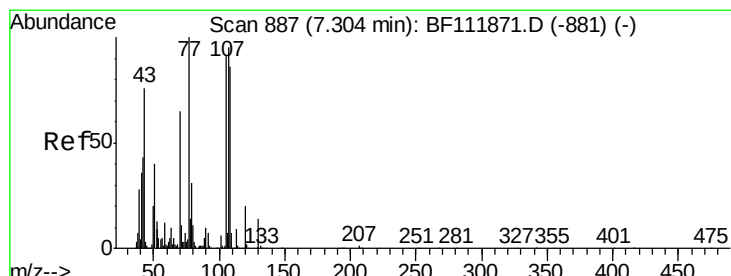
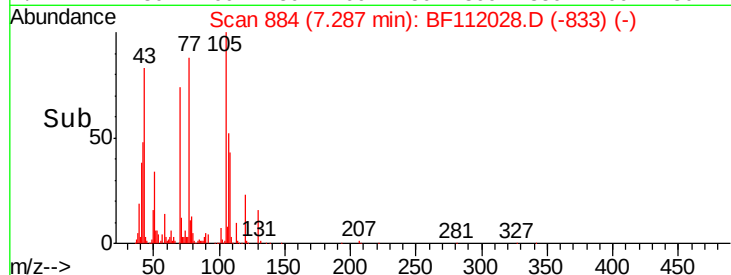
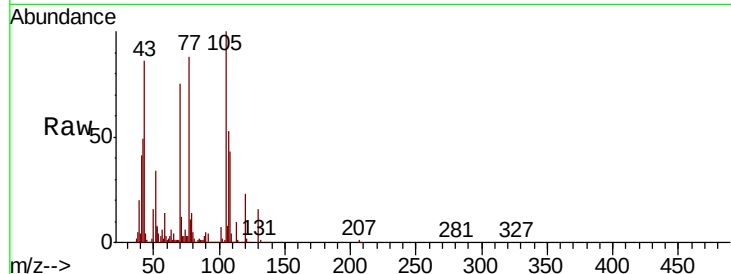
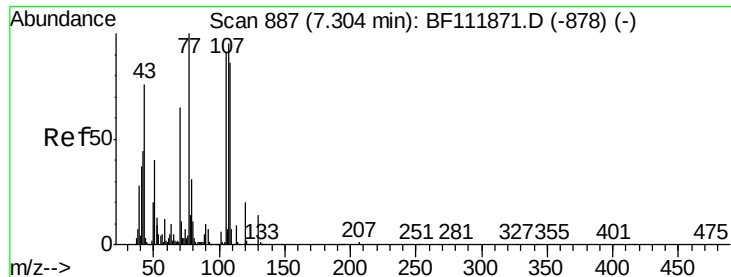
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#18
Hexachloroethane
Concen: 25.755 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion:	117	Resp:	73854
Ion Ratio	Lower	Upper	
117	100		
119	93.7	76.2	114.2
201	92.5	75.7	113.5





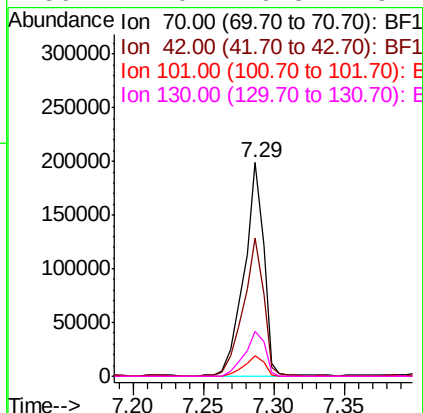
#19
n-Nitroso-di-n-propylamine
Concen: 36.408 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	64.9	53.6	80.4	
101	9.4	7.3	10.9	
130	21.0	16.8	25.2	

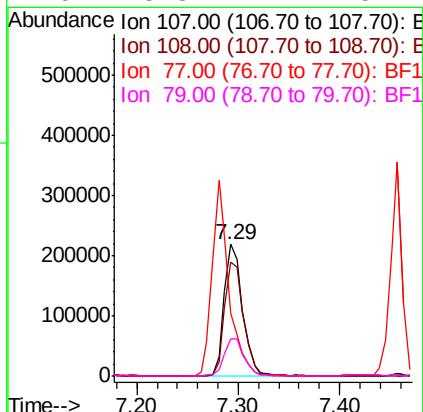
Manual Integrations
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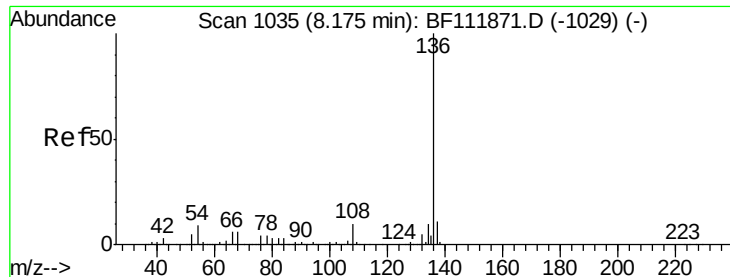
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1/14/2019 4:10:32 PM



#20
3+4-Methylphenols
Concen: 39.944 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.3	71.1	111.1	
77	47.7	85.4	125.4	
79	28.8	12.4	52.4	





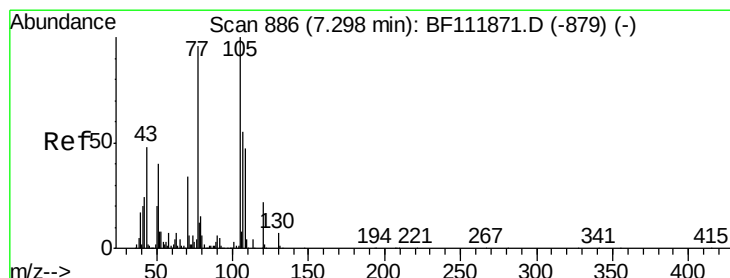
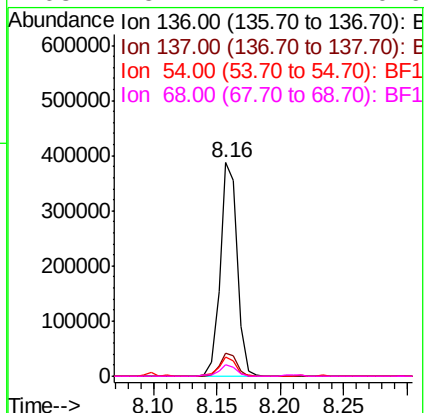
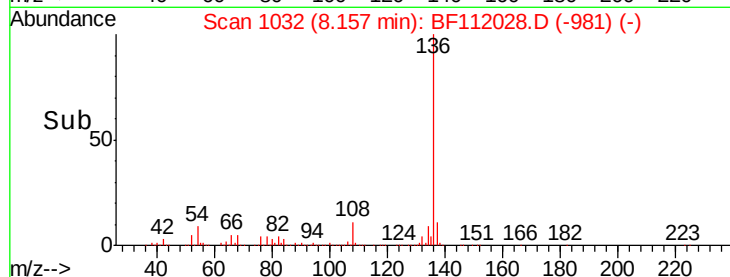
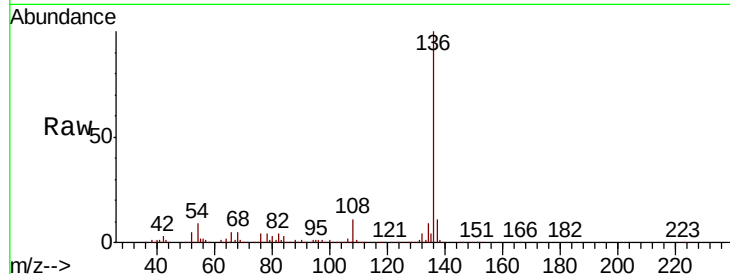
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	364868		
137	10.7	9.1	13.7	
54	8.7	7.2	10.8	
68	5.4	4.4	6.6	

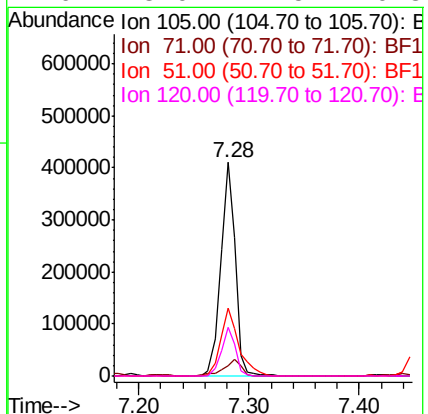
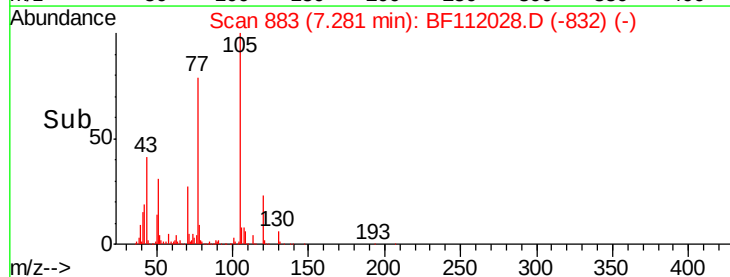
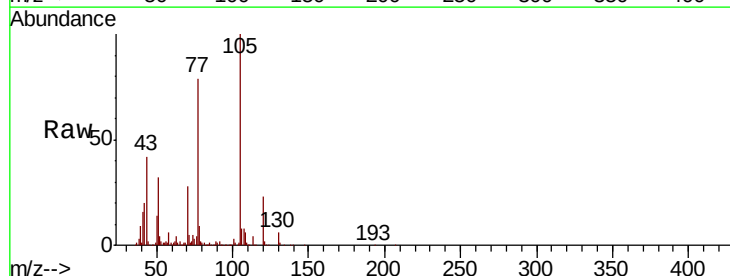
Manual Integrations
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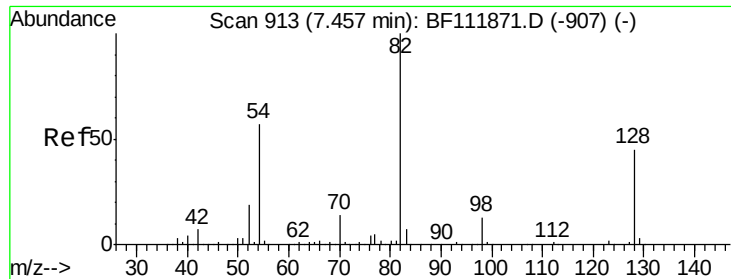
Sohil
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#22
Acetophenone
Concen: 40.692 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	375881		
71	5.1	4.6	6.8	
51	31.6	32.2	48.2	
120	23.0	17.5	26.3	





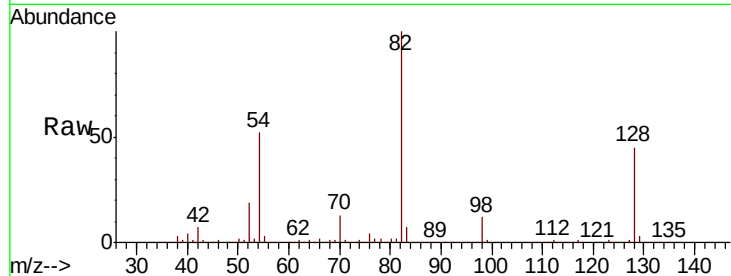
#23
Nitrobenzene-d5
Concen: 74.678 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

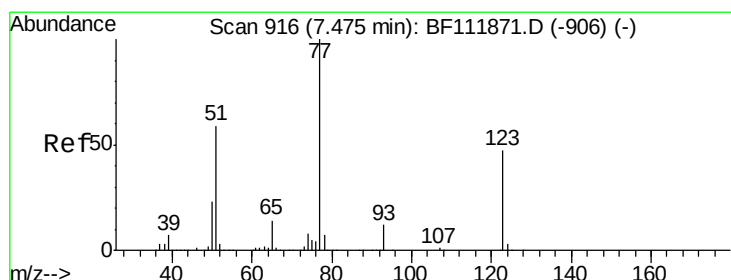
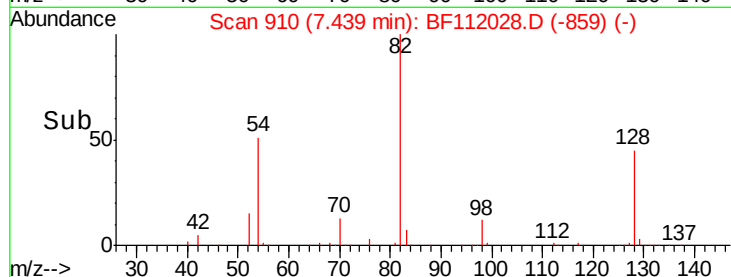
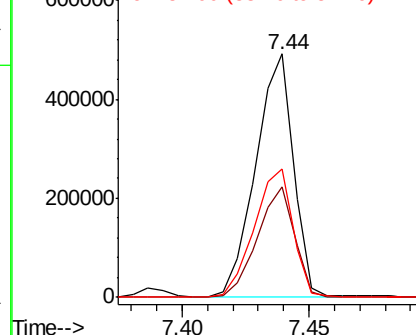
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	52.5	45.8	68.8

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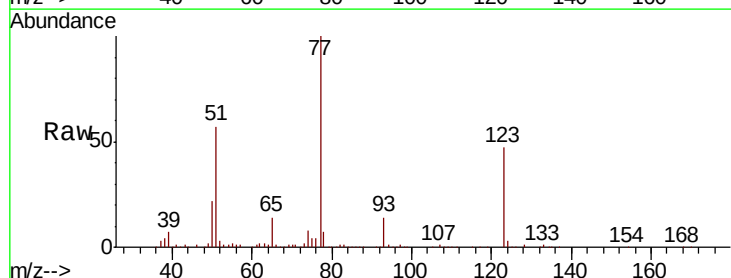


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

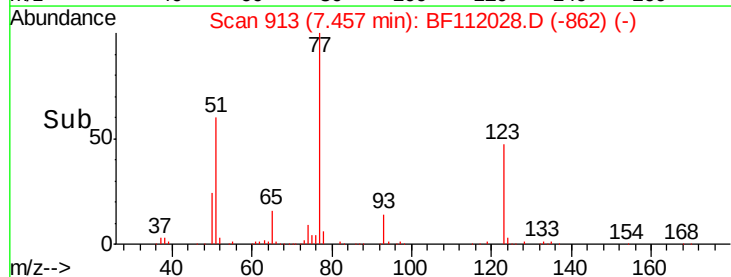
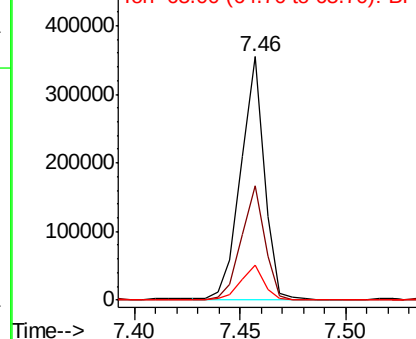


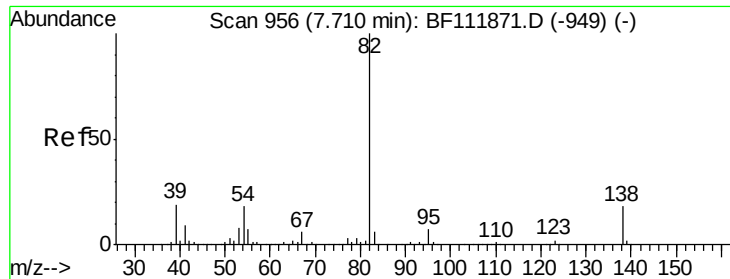
#24
Nitrobenzene
Concen: 39.298 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	38.1	57.1
65	14.4	11.0	16.4



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





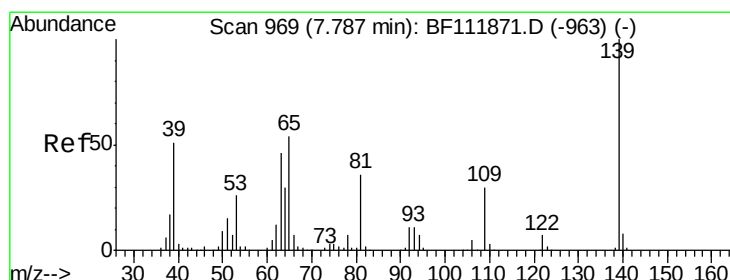
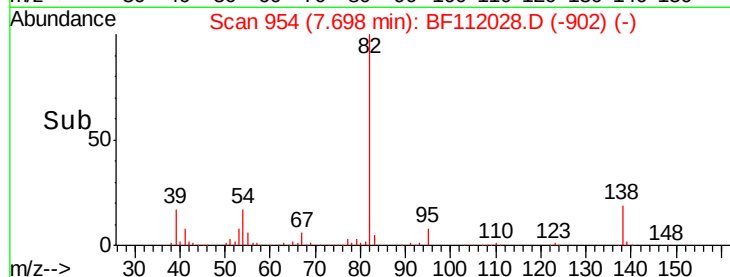
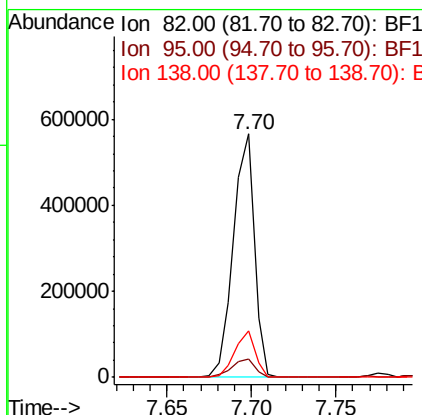
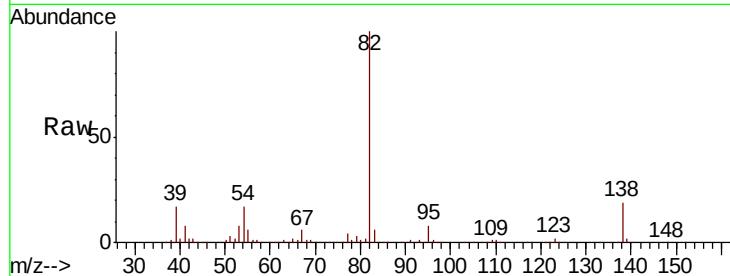
#25
Isophorone
Concen: 44.284 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.7	5.8	8.6	
138	19.0	14.4	21.6	

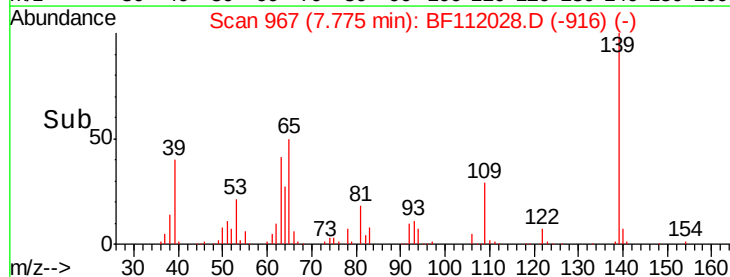
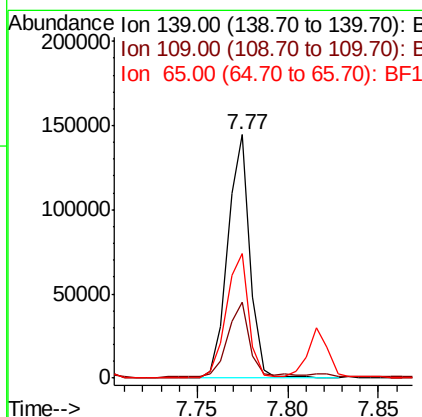
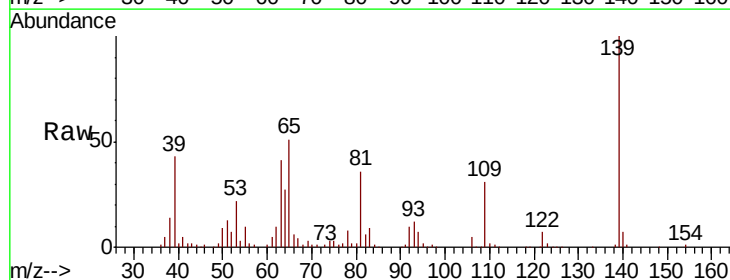
Manual Integrations
APPROVED

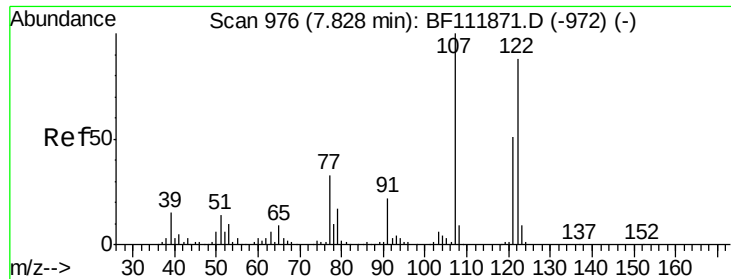
Sohil
1/14/2019 4:10:32 PM



#26
2-Nitrophenol
Concen: 36.076 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.1	24.1	36.1	
65	51.1	43.6	65.4	





#27

2,4-Dimethylphenol

Concen: 46.094 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

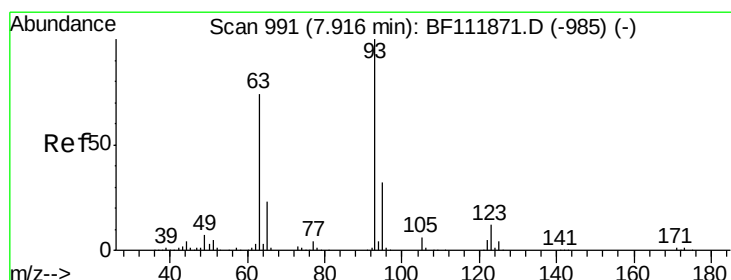
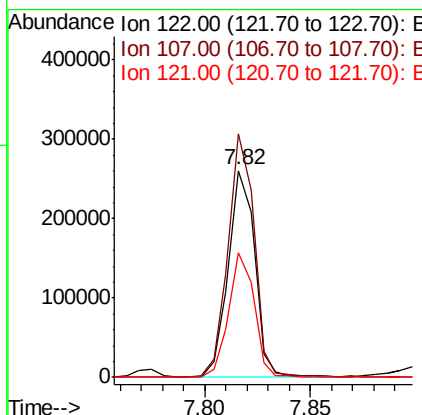
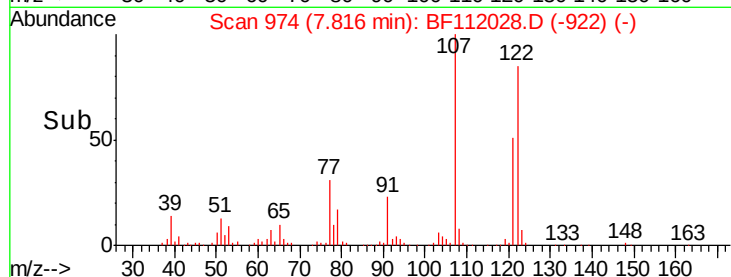
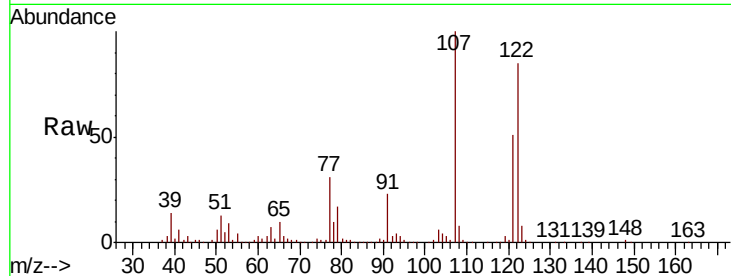
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	122	Resp:	226625
Ion Ratio	Lower	Upper	
122	100		
107	117.7	91.0	136.6
121	60.3	46.8	70.2

Manual Integrations
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1/14/2019 4:10:32 PM



#28

bis(2-Chloroethoxy)methane

Concen: 41.890 ng

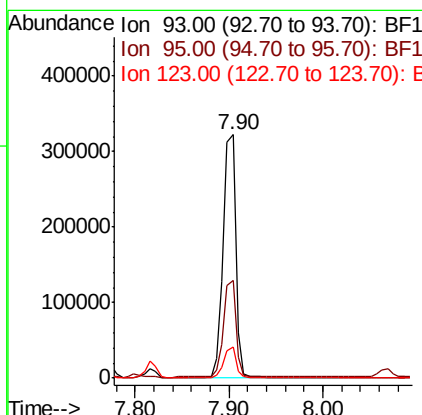
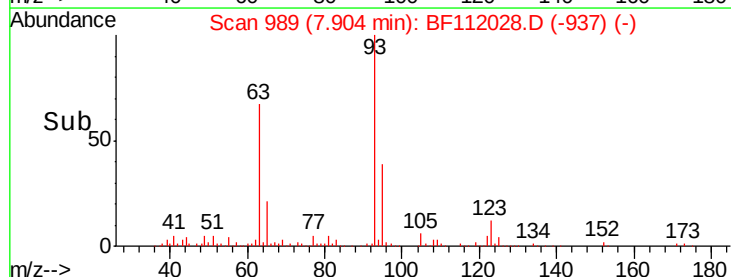
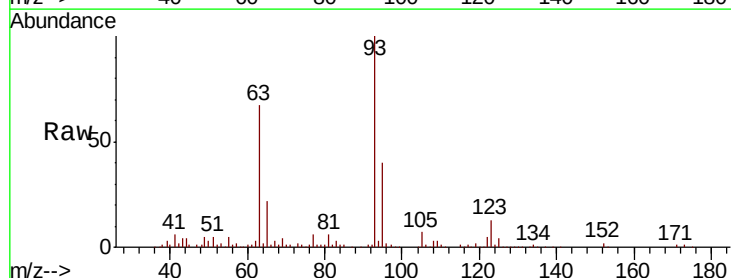
RT: 7.90 min Scan# 989

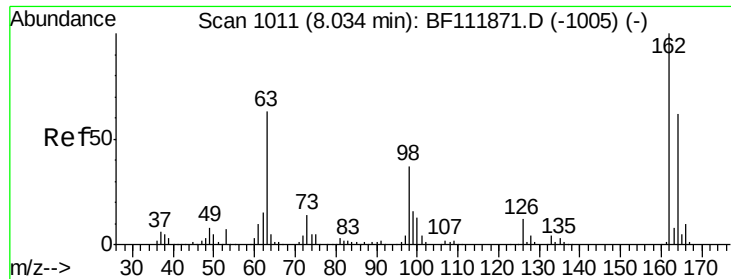
Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Tgt Ion:	93	Resp:	309106
Ion Ratio	Lower	Upper	
93	100		
95	39.9	25.8	38.6#
123	12.5	9.5	14.3





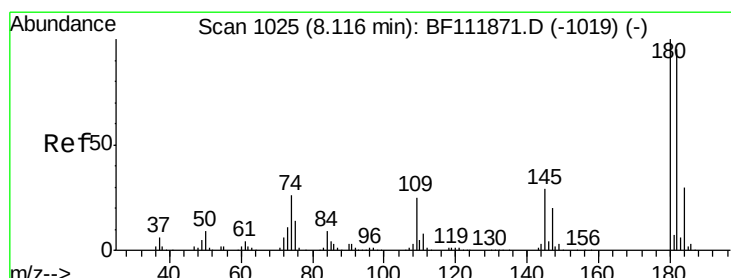
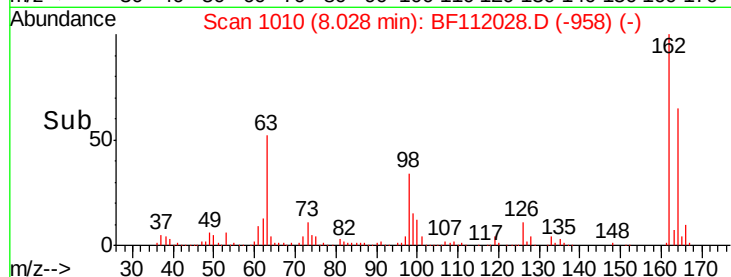
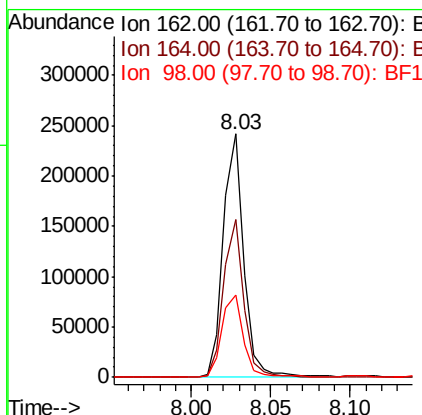
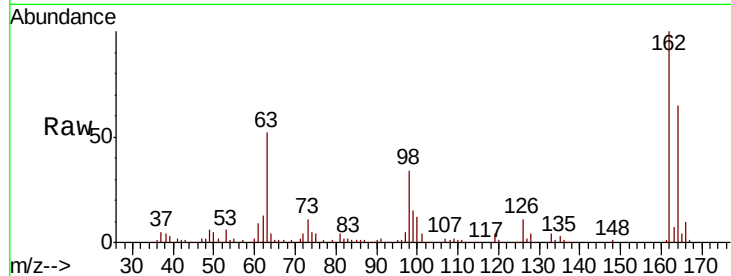
#29
2,4-Dichlorophenol
Concen: 38.601 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	218233		
164	65.0	42.1	82.1	
98	34.0	17.2	57.2	

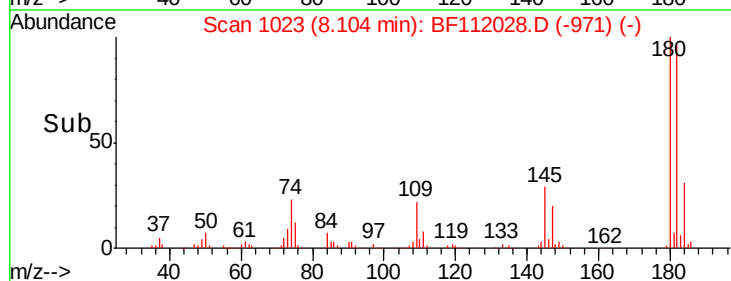
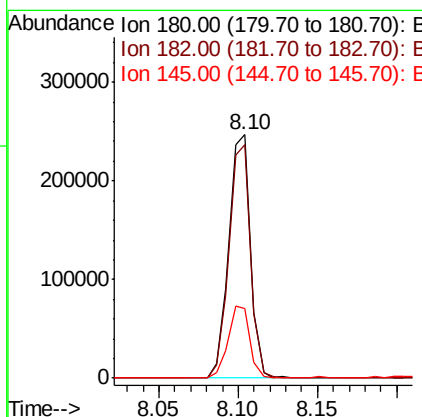
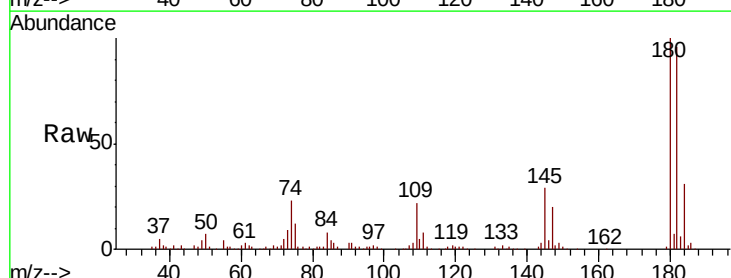
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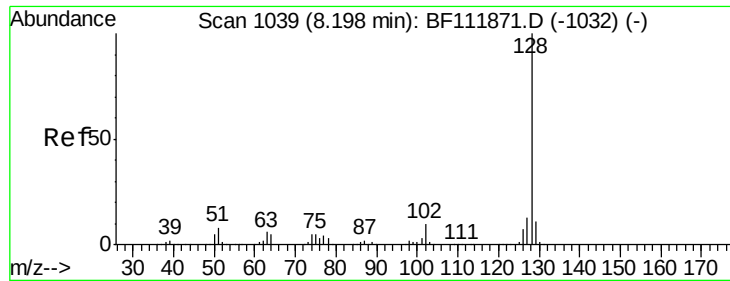
Sohil
1/14/2019 4:10:32 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.773 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	235588		
182	95.9	76.2	114.4	
145	28.8	23.4	35.2	





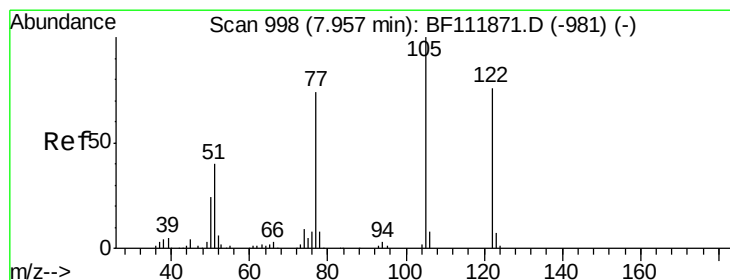
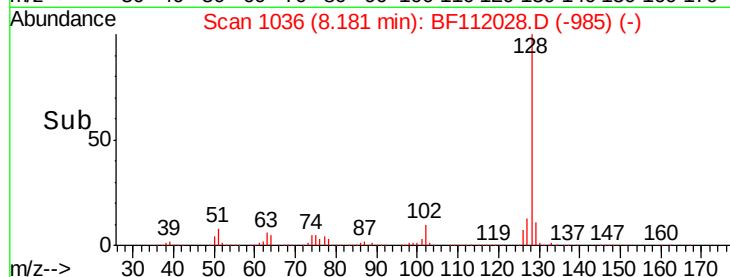
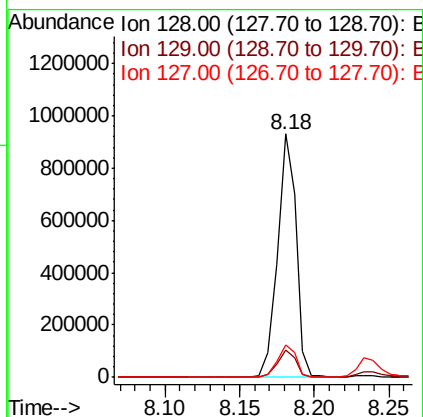
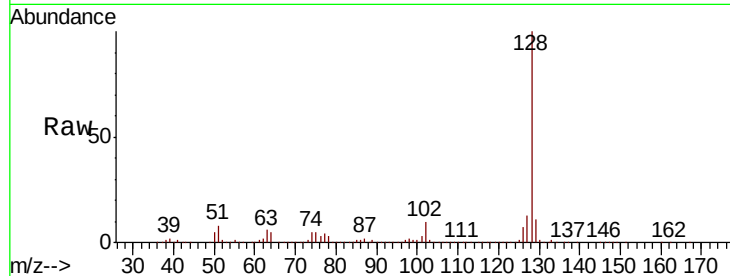
#31
Naphthalene
Concen: 46.766 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.1	10.7	16.1

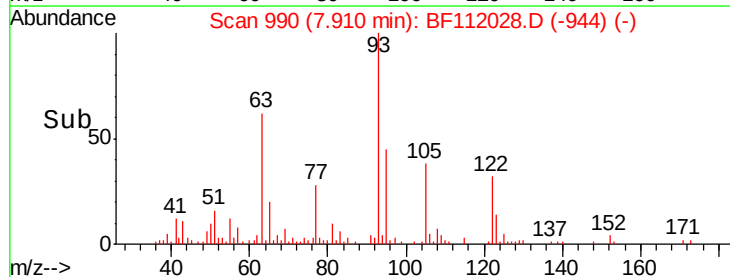
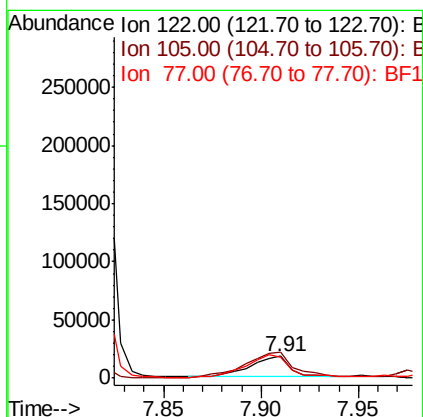
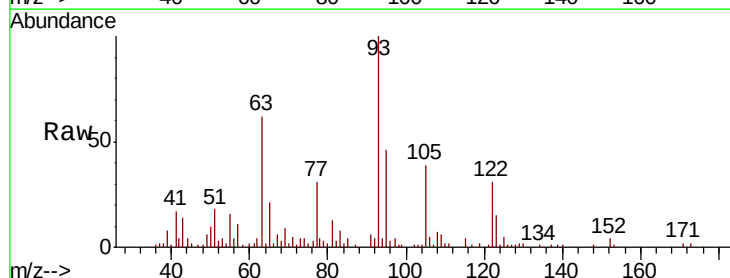
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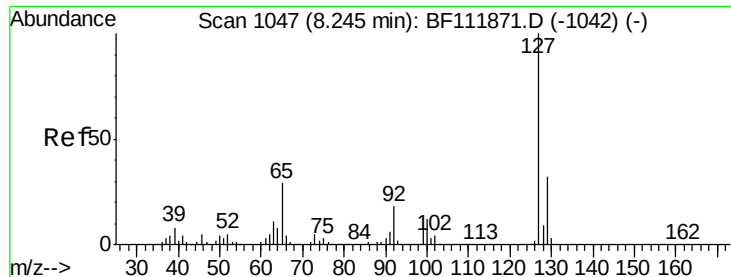
Sohil
1/14/2019 4:10:32 PM



#32
Benzoic acid
Concen: 7.985 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	107.9	147.9
77	99.3	76.6	116.6





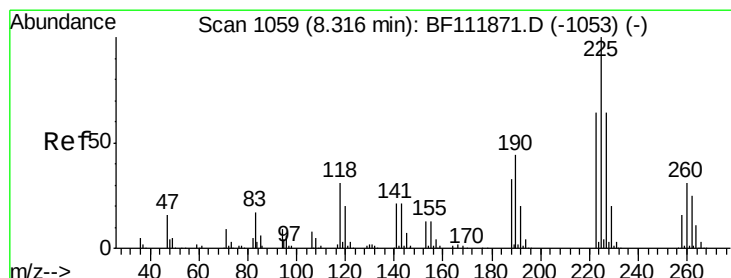
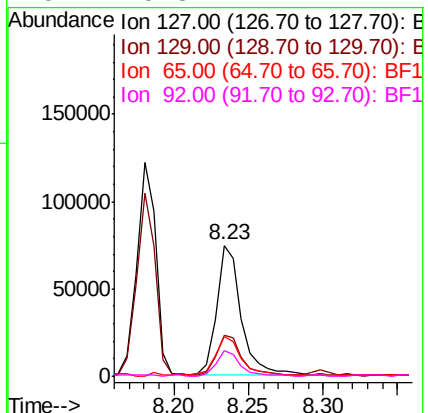
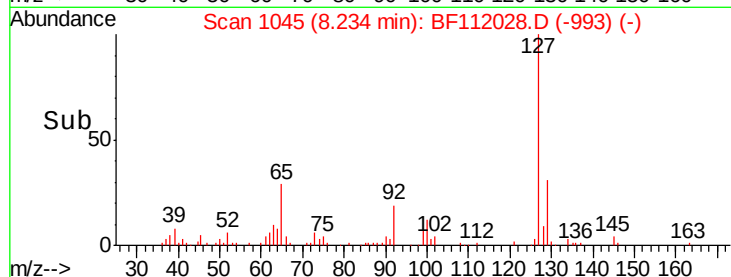
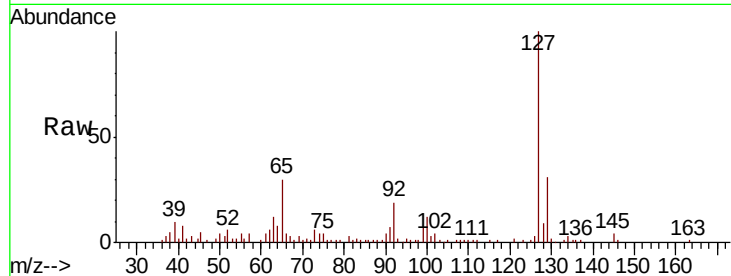
#33
4-Chloroaniline
Concen: 11.452 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	25.8	38.6		
65	30.4	23.5	35.3		
92	19.3	14.2	21.2		

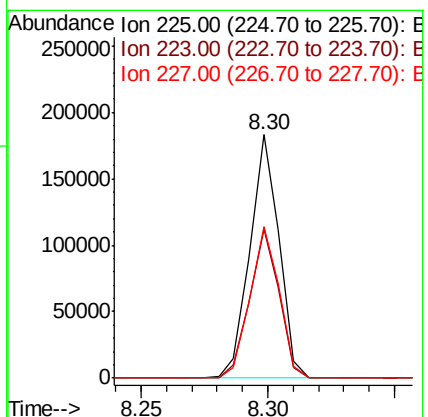
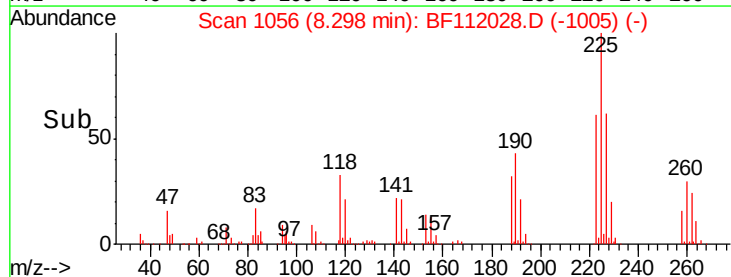
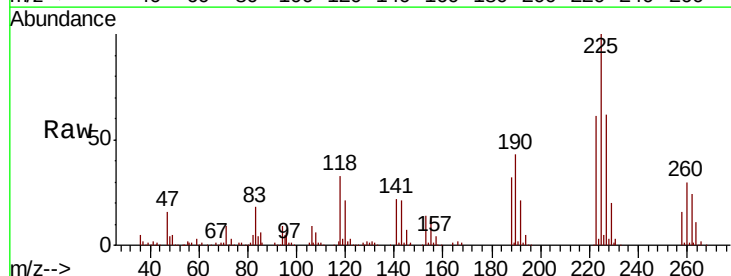
Manual Integrations
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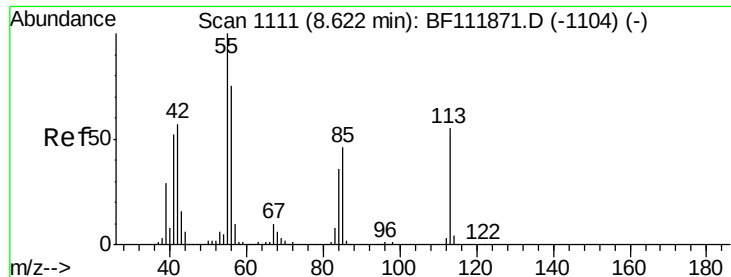
Sohil
1/14/2019 4:10:32 PM



#34
Hexachlorobutadiene
Concen: 37.560 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	50.9	76.3		
227	62.2	51.4	77.0		





#35

Caprolactam

Concen: 35.524 ng/ml

RT: 8.59 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

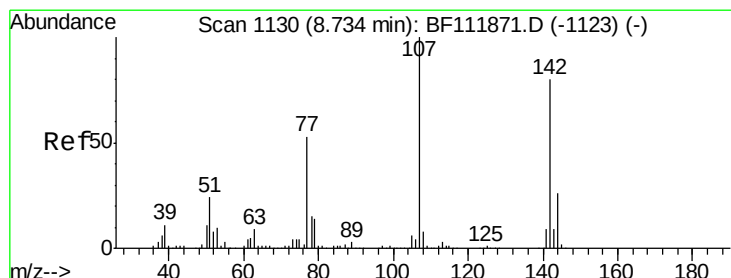
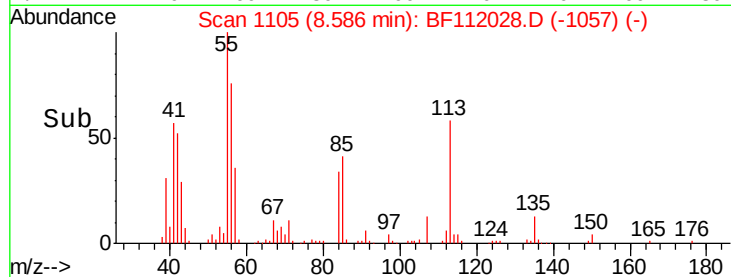
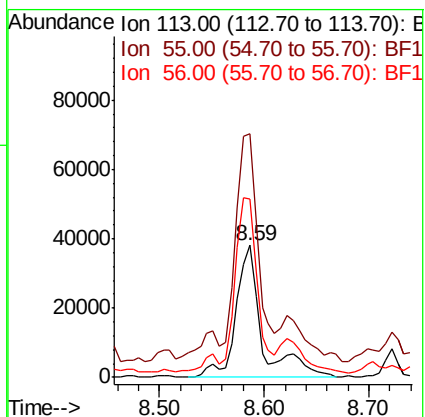
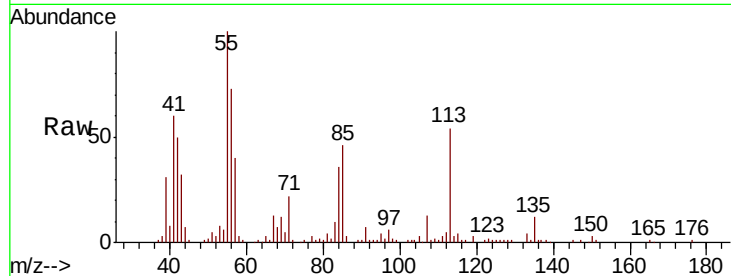
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	113	Resp:	65617
Ion	Ratio	Lower	Upper
113	100		
55	184.9	162.0	202.0
56	135.7	116.0	156.0

Manual Integrations
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1/14/2019 4:10:32 PM



#36

4-Chloro-3-methylphenol

Concen: 35.936 ng/ml

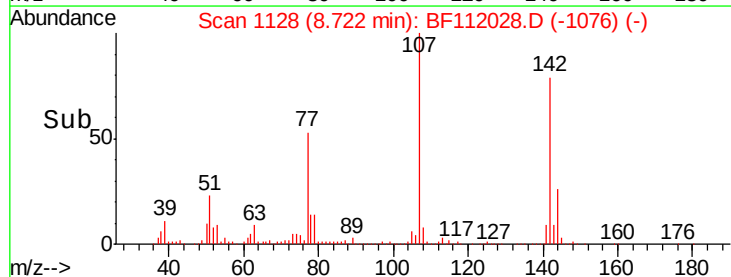
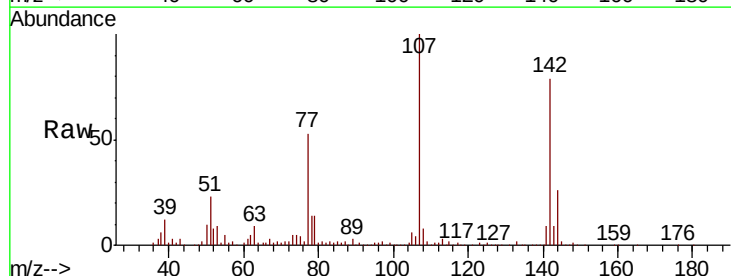
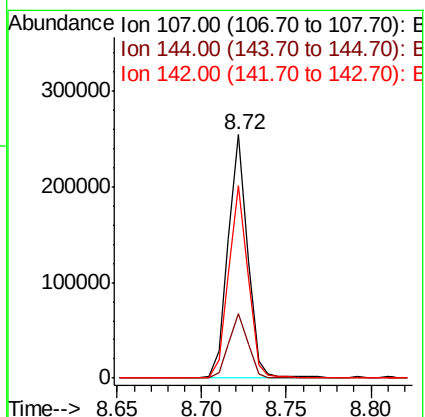
RT: 8.72 min Scan# 1128

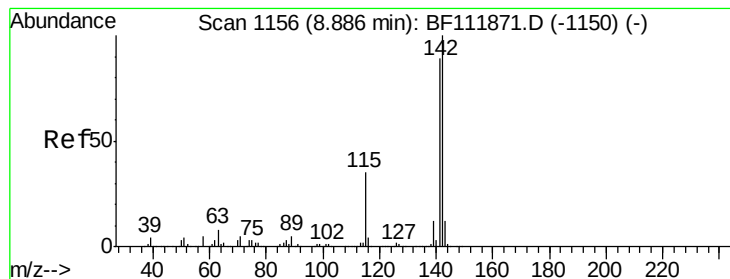
Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Tgt Ion:	107	Resp:	202000
Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.7	31.1
142	78.9	63.9	95.9





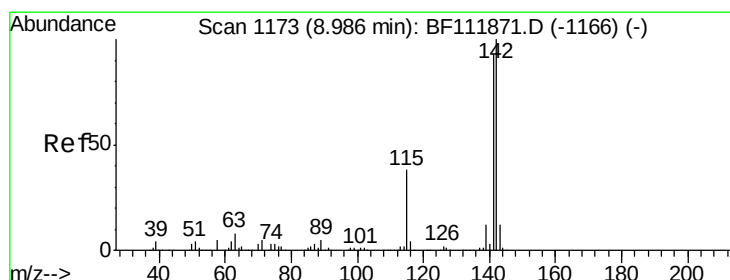
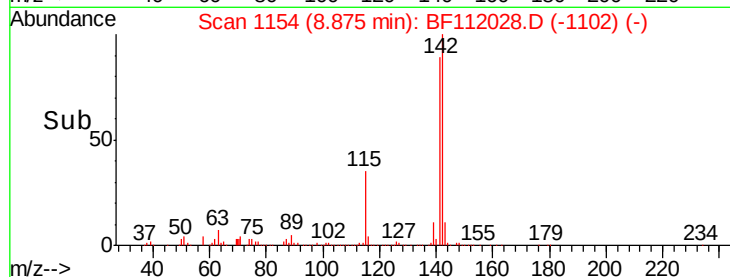
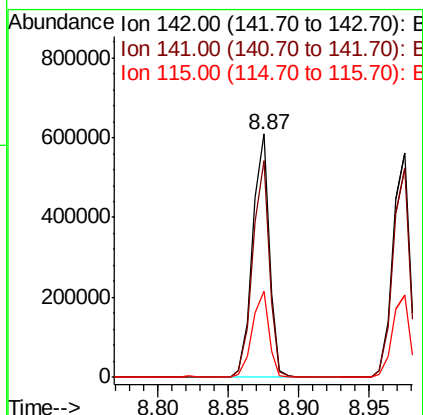
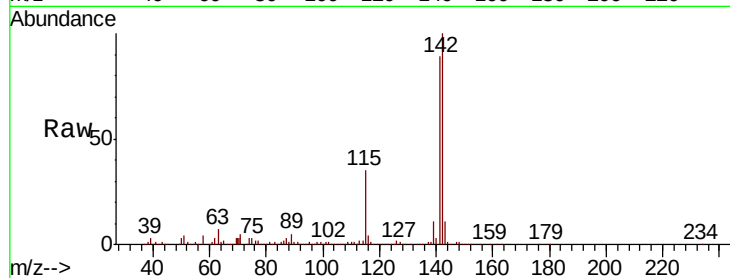
#37
2-Methylnaphthalene
Concen: 47.613 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	35.3	28.3	42.5

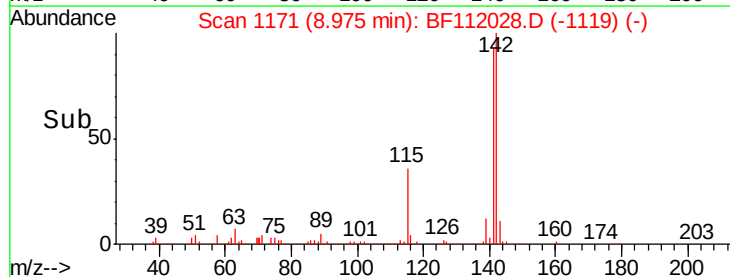
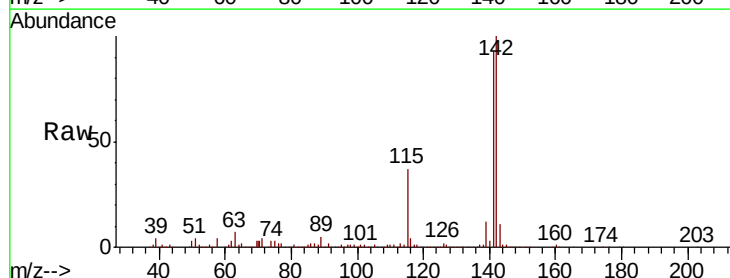
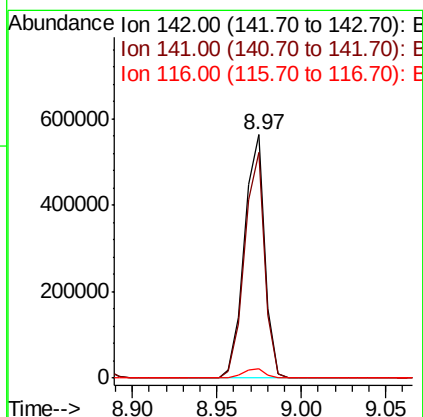
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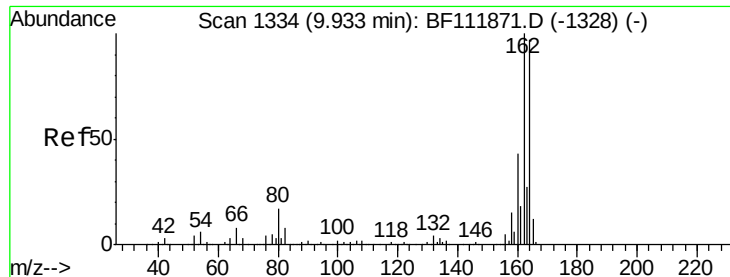
Sohil
1/14/2019 4:10:32 PM



#38
1-Methylnaphthalene
Concen: 46.015 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.8	112.2
116	3.7	3.1	4.7





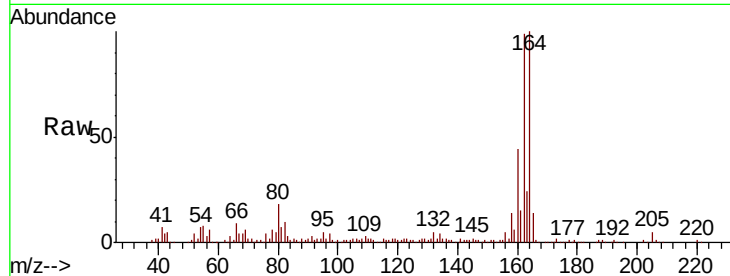
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.2	123.2
160	44.3	35.5	53.3

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1/14/2019 4:10:32 PM

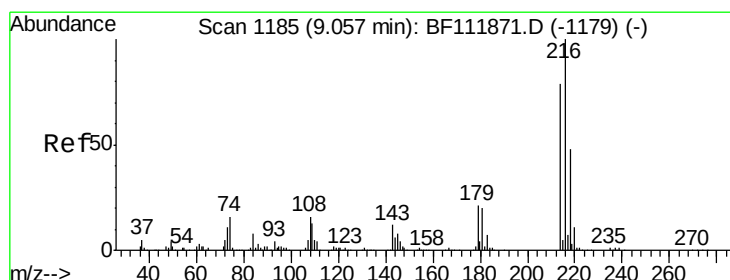
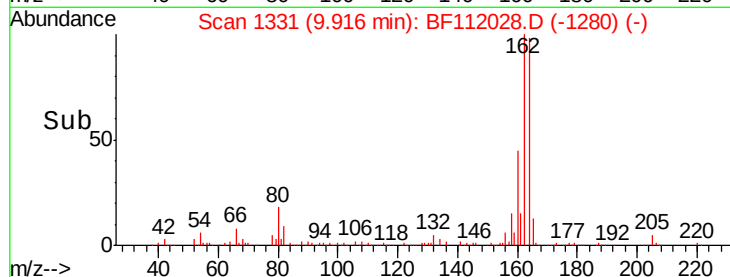
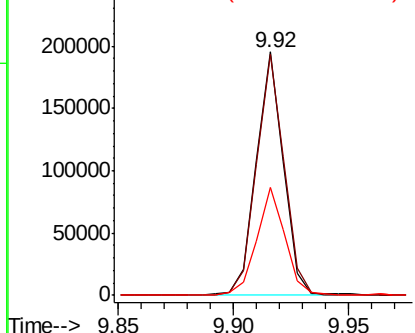


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.308 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.5	95.3
179	21.0	17.0	25.6
108	17.4	14.6	22.0

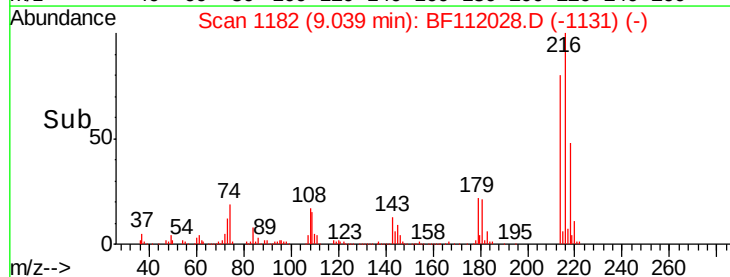
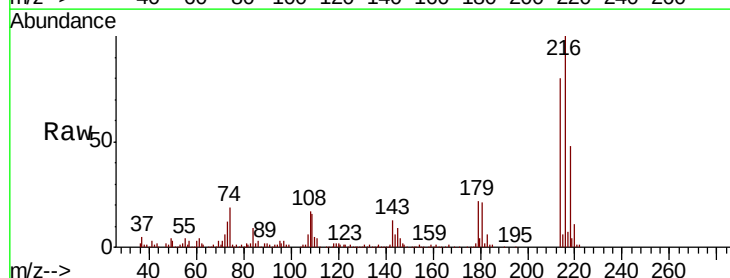
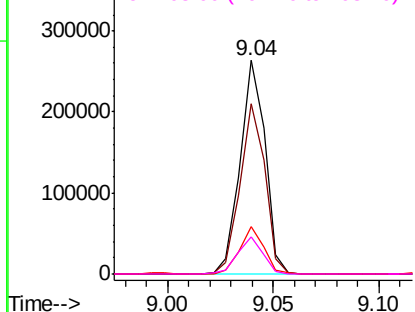
Abundance

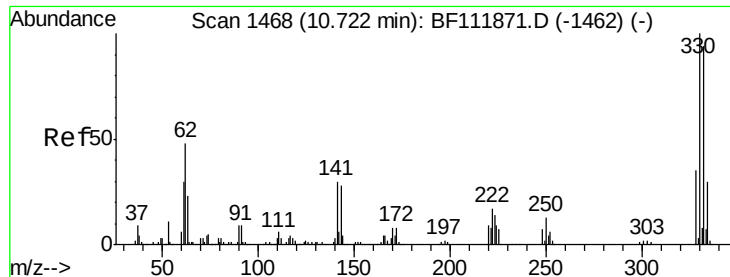
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





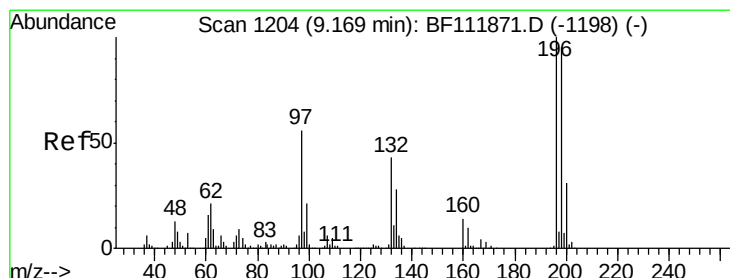
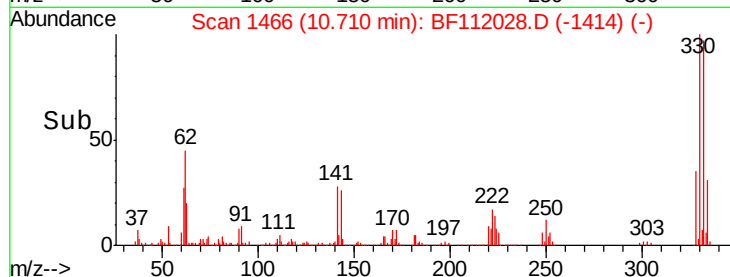
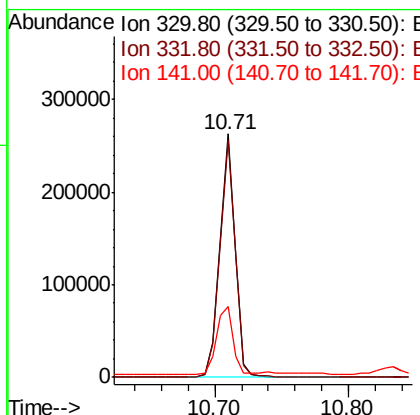
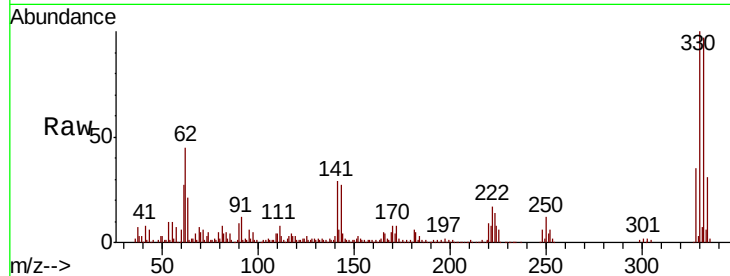
#42
 2,4,6-Tribromophenol
 Concen: 103.486 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-07(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	215060		
332	97.9	76.9	115.3	
141	29.5	23.7	35.5	

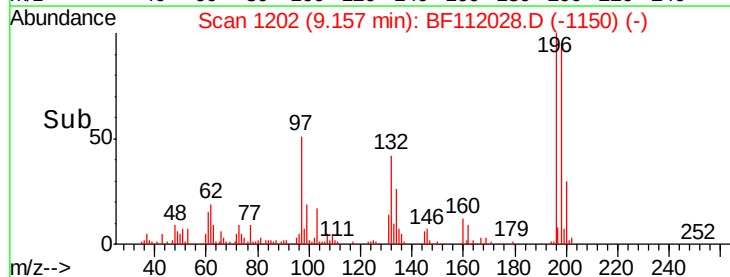
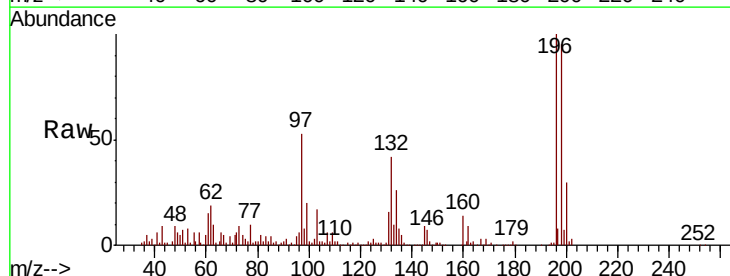
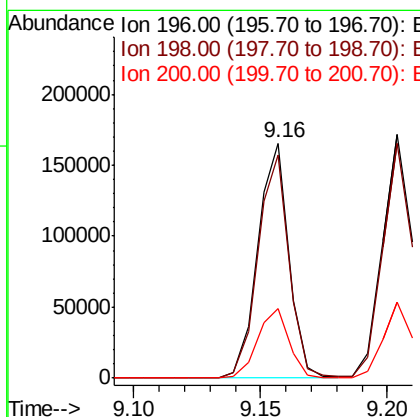
Manual Integrations
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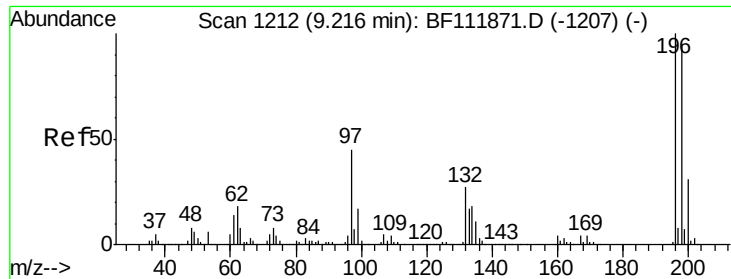
Sohil
 1/14/2019 4:10:32 PM



#43
 2,4,6-Trichlorophenol
 Concen: 41.116 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	142050		
198	94.8	75.8	113.8	
200	29.7	24.5	36.7	





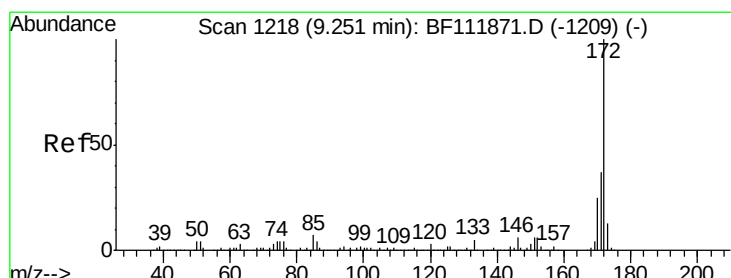
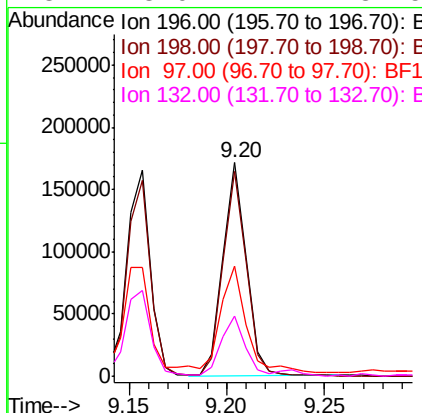
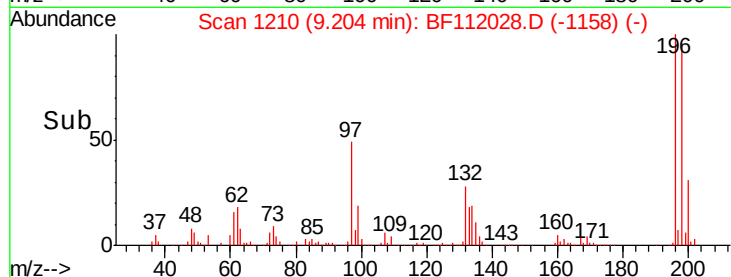
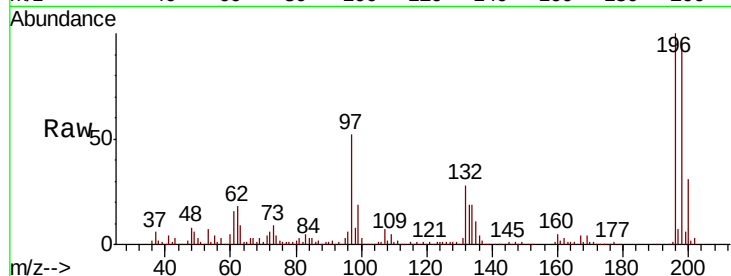
#44
 2,4,5-Trichlorophenol
 Concen: 39.571 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-07(15-20)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		143236		
198	96.1	76.2	114.2		
97	51.7	36.4	54.6		
132	28.0	21.7	32.5		

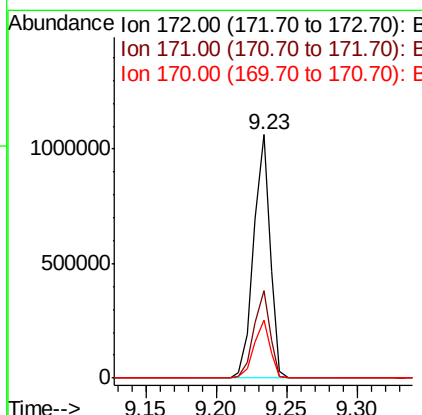
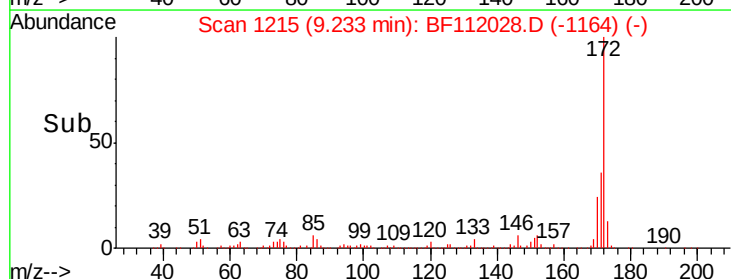
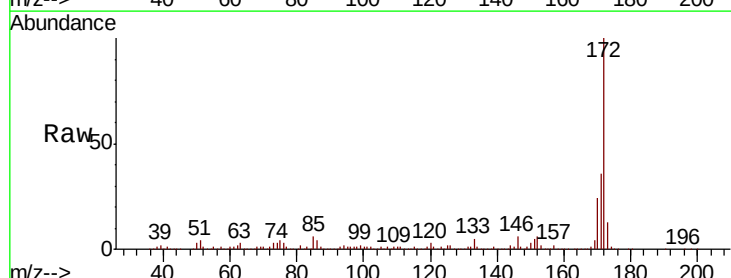
Manual Integrations
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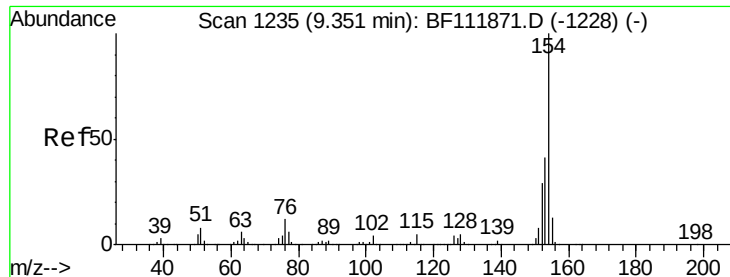
Sohil
 1/14/2019 4:10:32 PM



#45
 2-Fluorobiphenyl
 Concen: 79.987 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		876409		
171	35.7	29.6	44.4		
170	23.8	19.8	29.8		





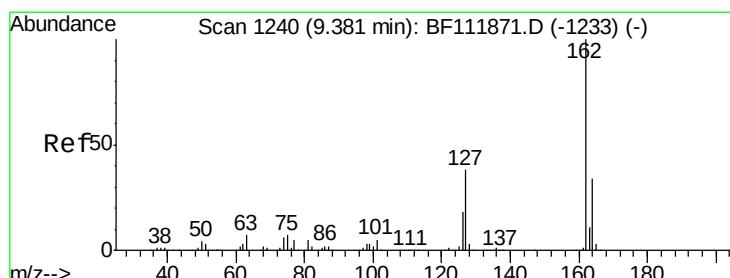
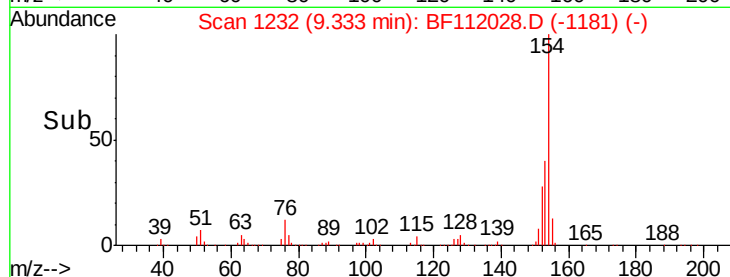
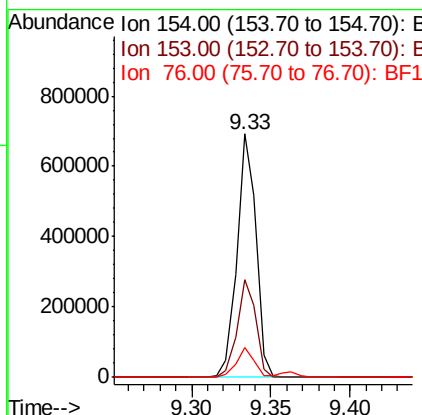
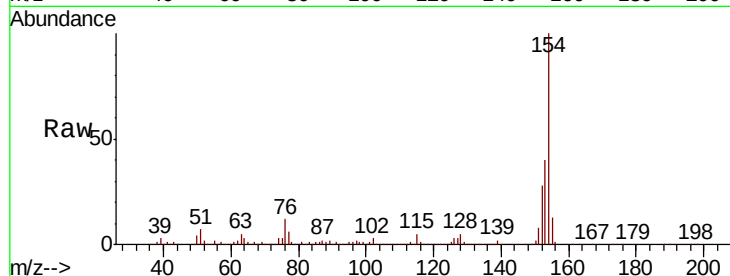
#46
 1,1'-Biphenyl
 Concen: 43.075 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-07(15-20)MSD

Tot Ion:	154	Resp:	575693
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.3	61.3
76	12.0	0.0	32.3

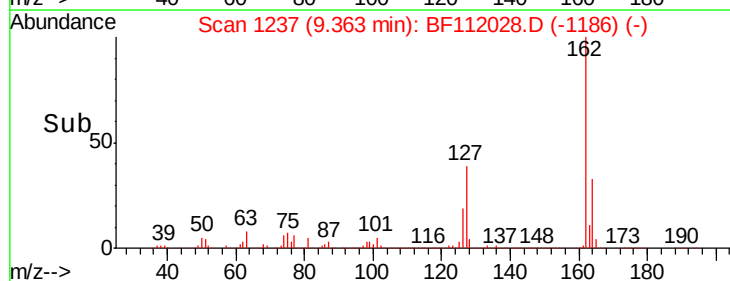
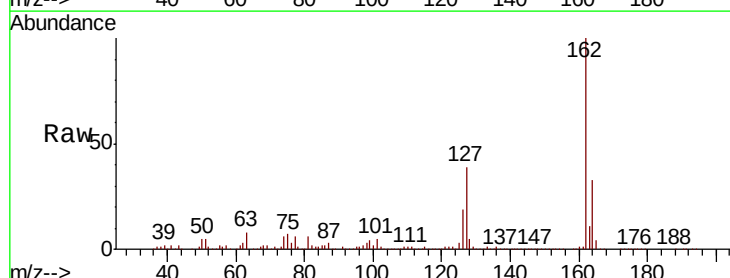
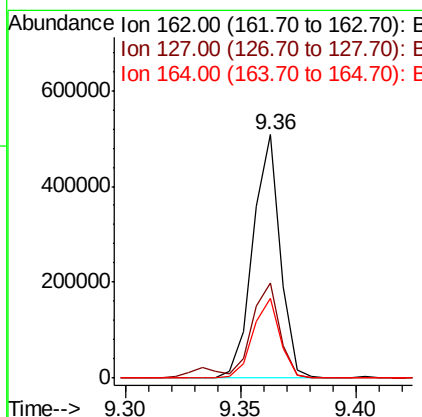
Manual Integrations
 APPROVED

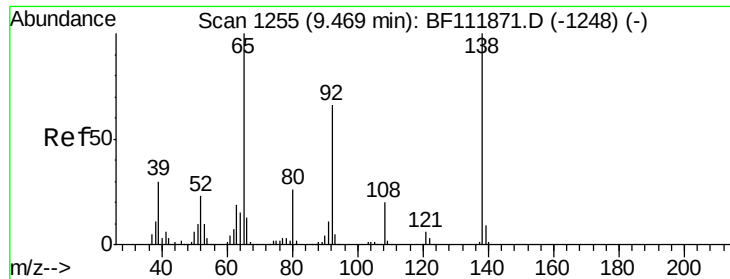
Sohil
 1/14/2019 4:10:32 PM



#47
 2-Chloronaphthalene
 Concen: 40.139 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Tgt Ion:	162	Resp:	421021
Ion Ratio	Lower	Upper	
162	100		
127	39.0	31.2	46.8
164	32.6	27.0	40.6





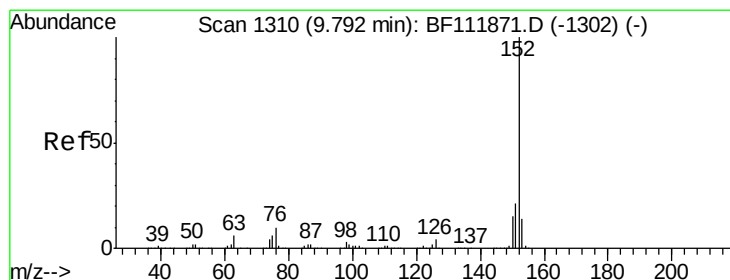
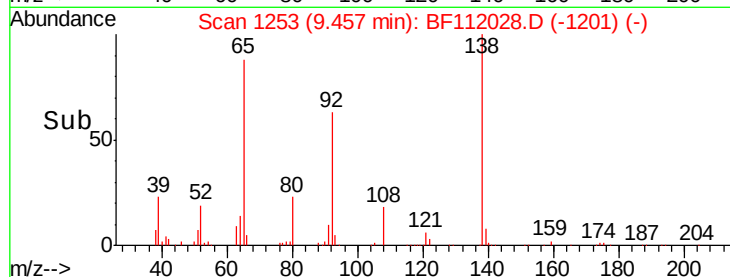
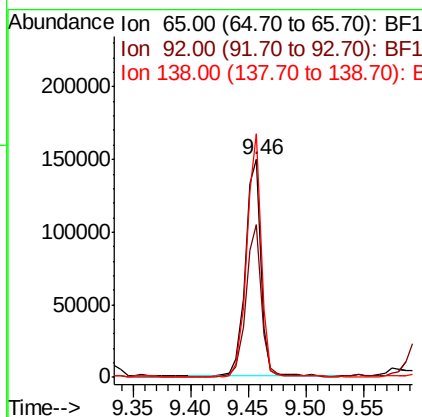
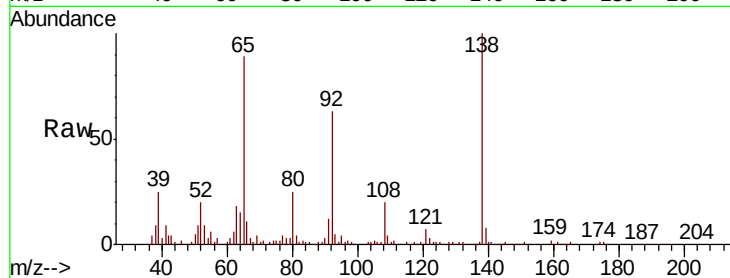
#48
2-Nitroaniline
Concen: 43.531 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.4	52.5	78.7
138	111.8	79.8	119.6

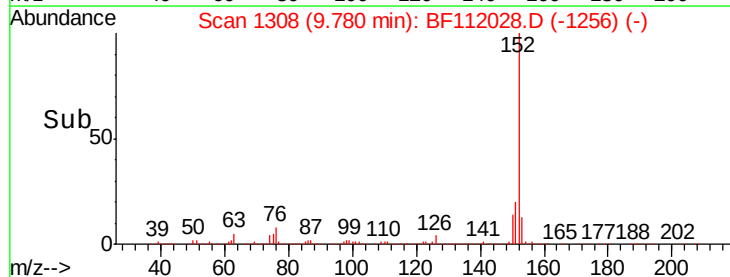
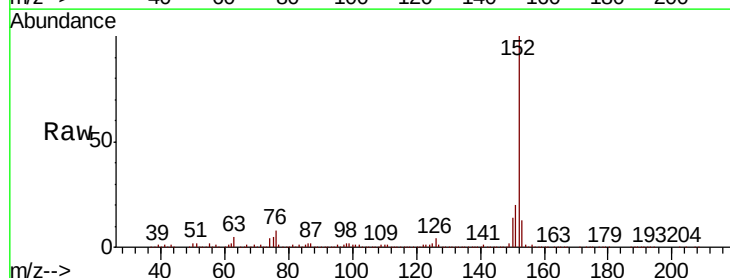
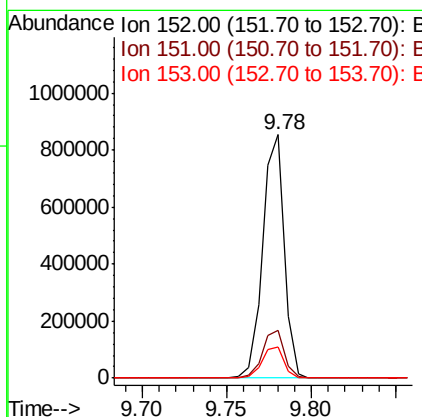
Manual Integrations
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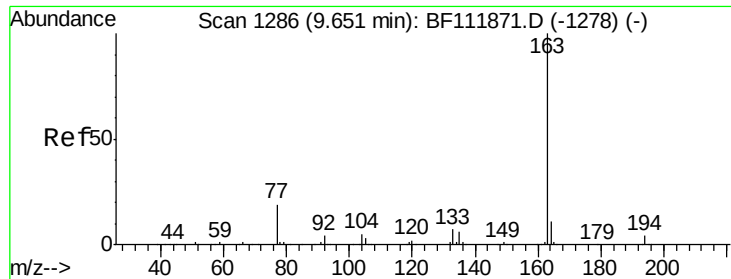
Sohil
1/14/2019 4:10:32 PM



#49
Acenaphthylene
Concen: 48.738 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.6	25.0
153	13.0	11.0	16.4





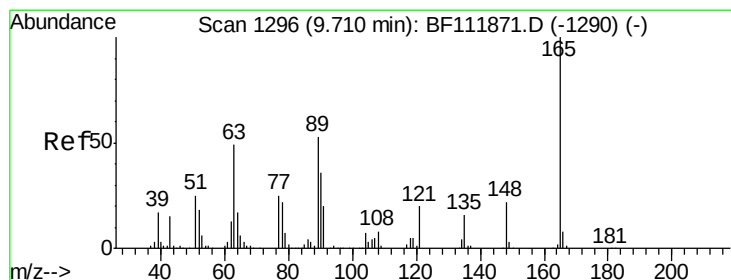
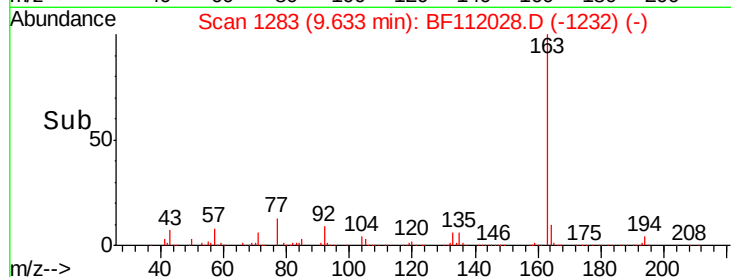
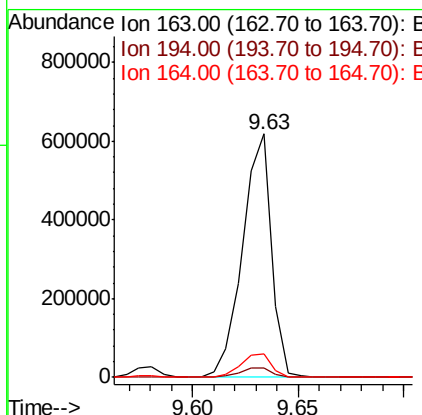
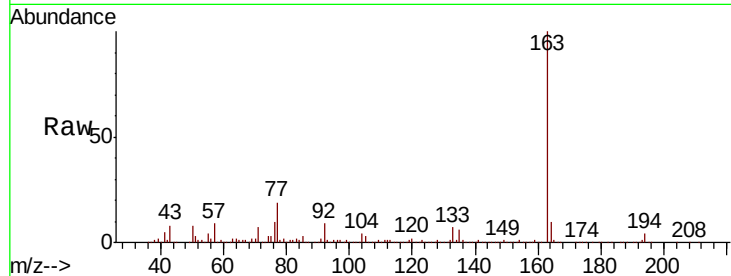
#50
Dimethylphthalate
Concen: 48.821 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	585962		
194	4.1	3.4	5.2	
164	9.6	8.5	12.7	

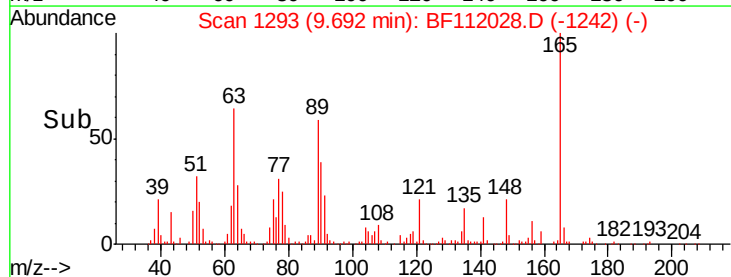
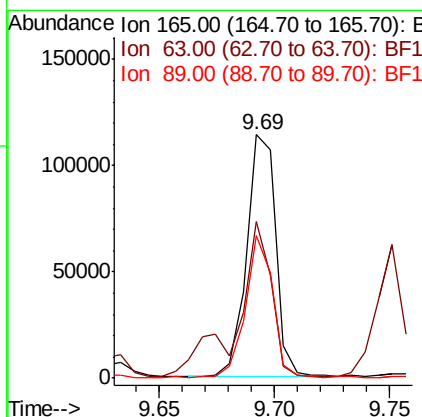
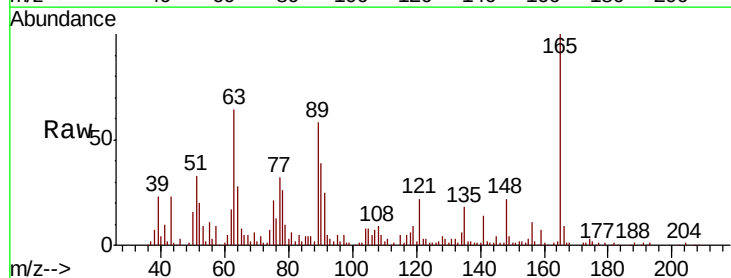
Manual Integrations
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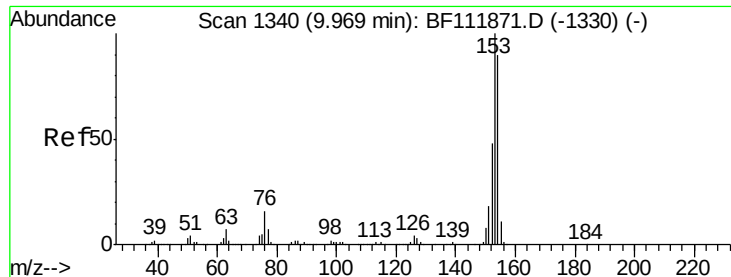
Sohil
1/14/2019 4:10:32 PM



#51
2,6-Dinitrotoluene
Concen: 37.286 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	100074		
63	64.1	46.2	69.2	
89	58.4	42.2	63.2	





#52

Acenaphthene

Concen: 48.020 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

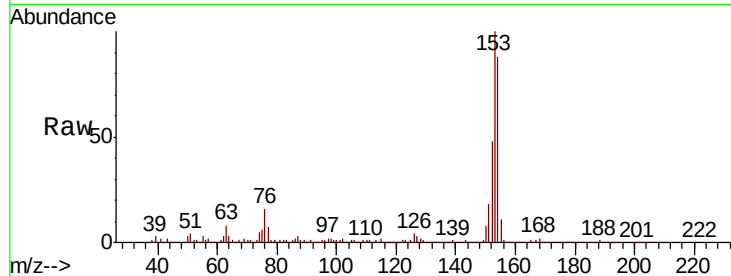
ClientSampleId :

CPSB-07(15-20)MSD

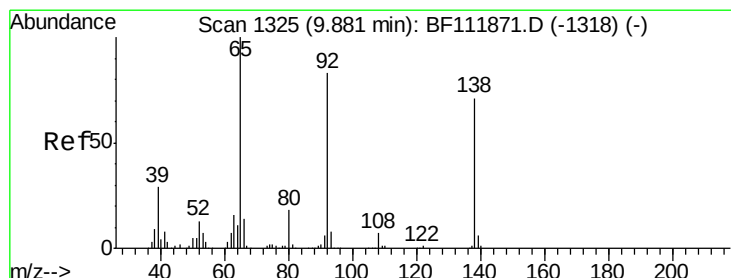
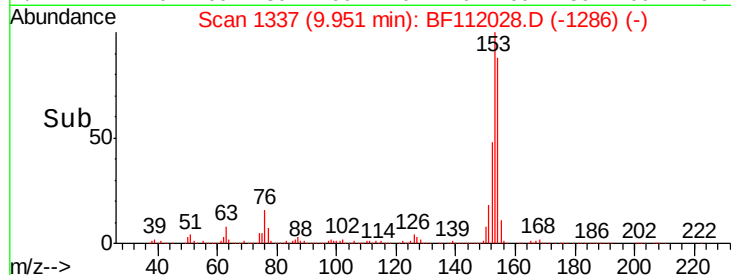
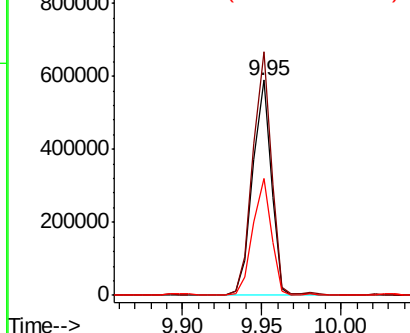
Tot Ion:	154	Resp:	480064
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.4	134.0
152	54.6	43.1	64.7

Manual Integrations
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1/14/2019 4:10:32 PM



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



#53

3-Nitroaniline

Concen: 25.209 ng

RT: 9.86 min Scan# 1322

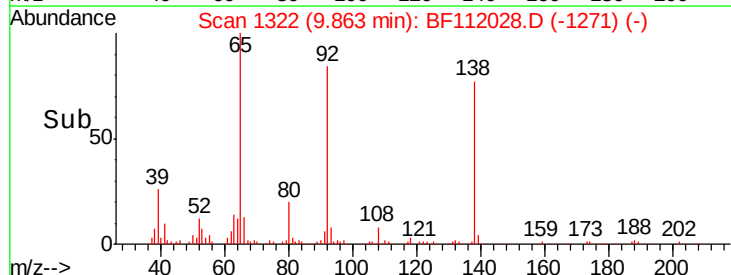
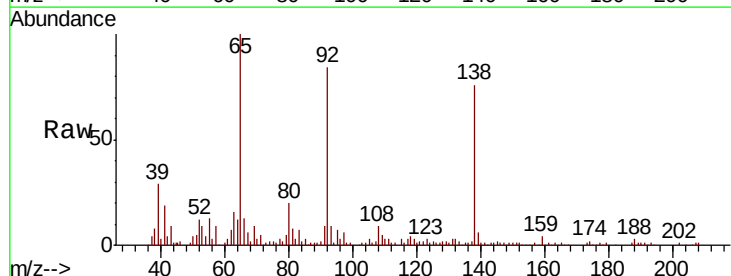
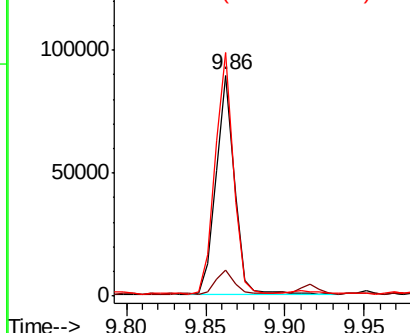
Delta R.T. -0.00 min

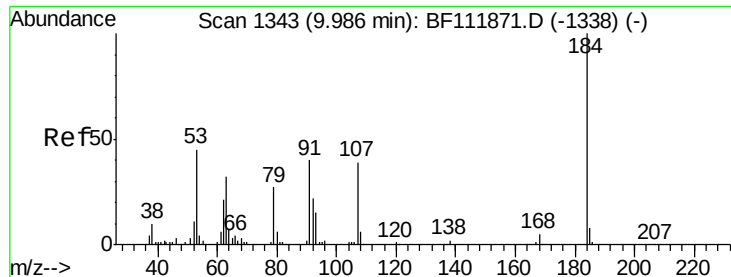
Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Tgt Ion:	138	Resp:	72458
Ion Ratio	Lower	Upper	
138	100		
108	11.6	8.2	12.4
92	110.1	93.5	140.3

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





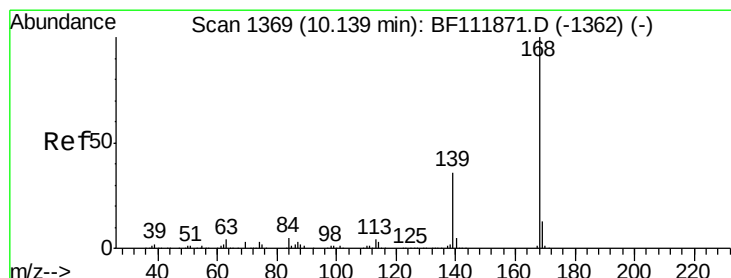
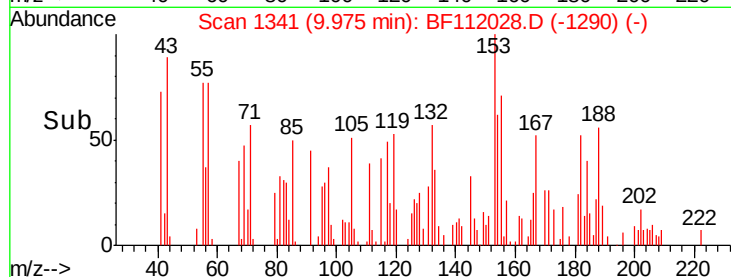
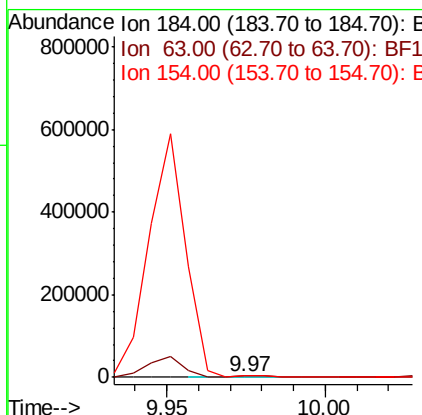
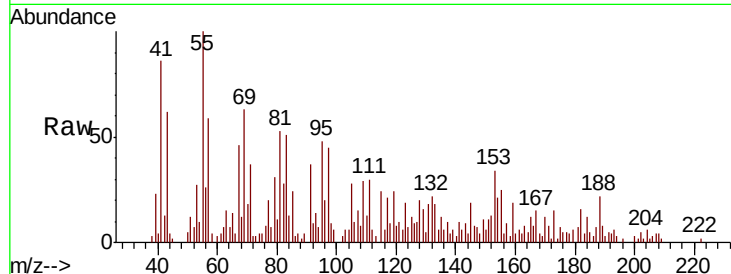
#54
2,4-Dinitrophenol
Concen: 1.798 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	129.2	46.9	70.3#
154	176.6	46.9	70.3#

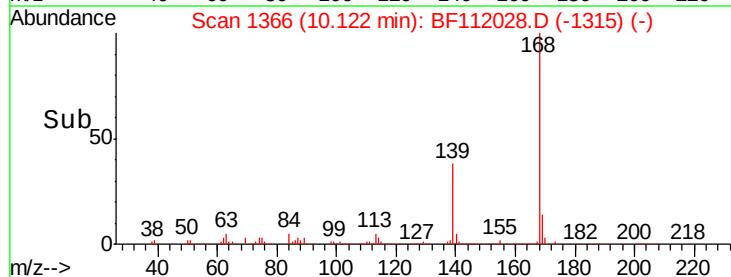
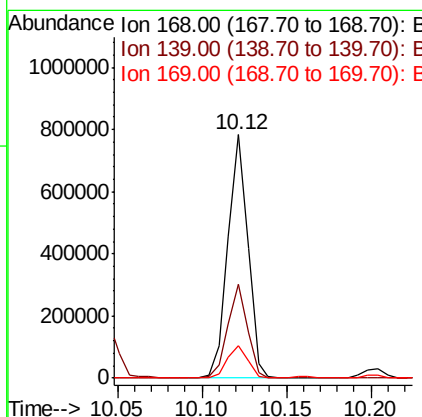
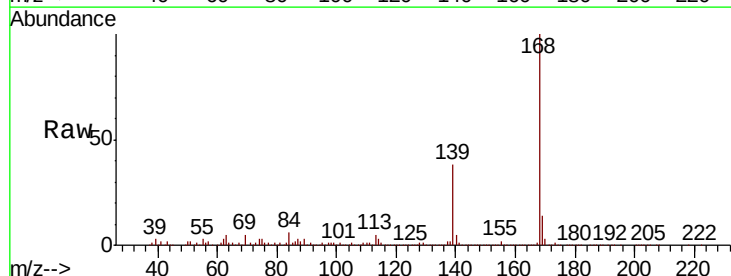
Manual Integrations
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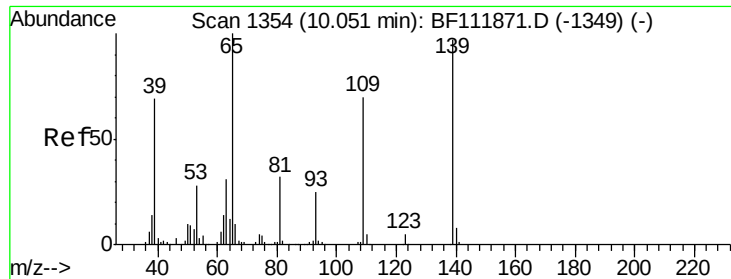
Sohil
1/14/2019 4:10:32 PM



#55
Dibenzofuran
Concen: 44.185 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	29.3	43.9
169	13.6	10.6	16.0





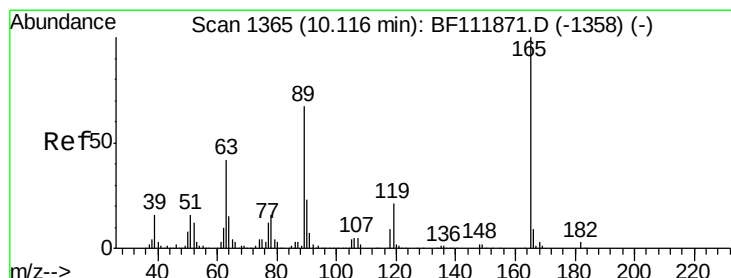
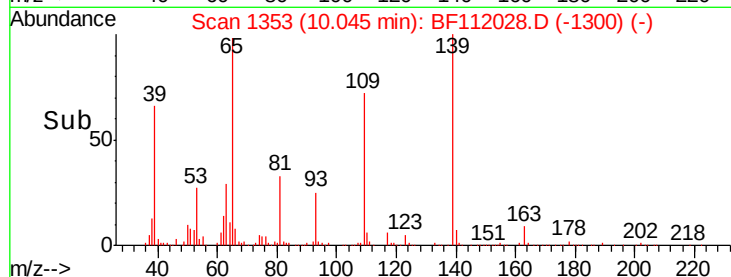
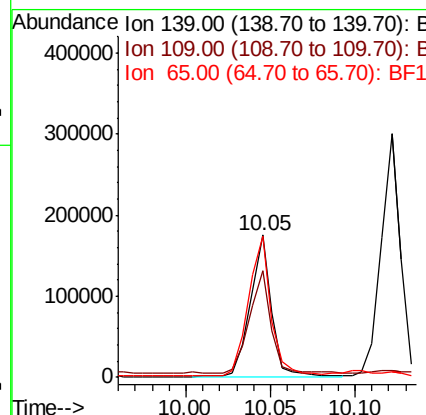
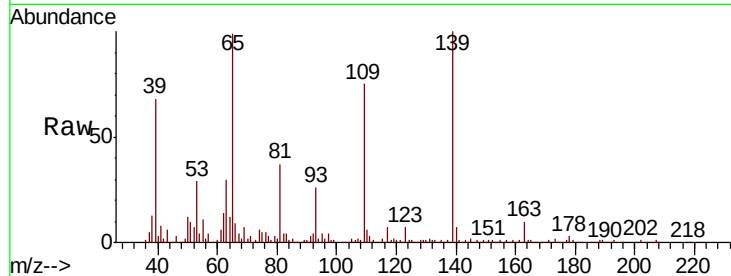
#56
4-Nitrophenol
Concen: 75.512 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	74.6	52.2	92.2
65	99.1	83.1	123.1

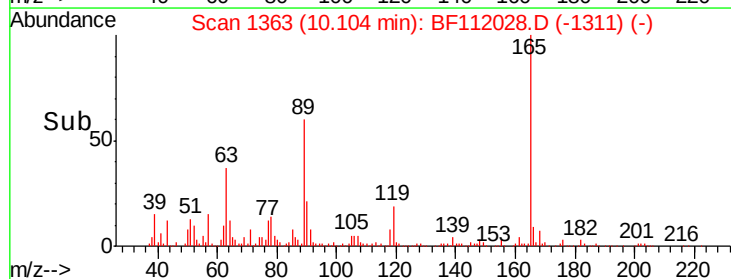
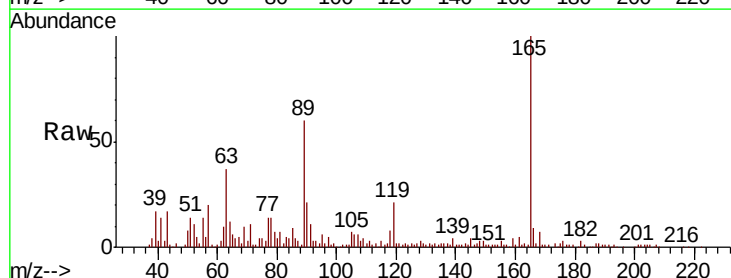
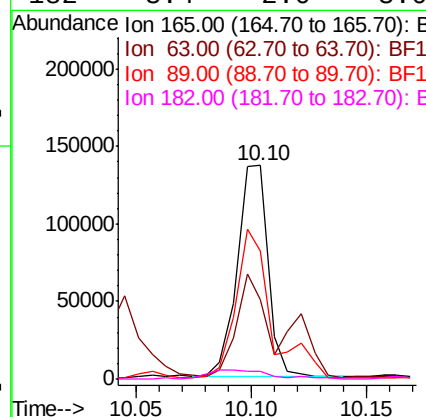
Manual Integrations
APPROVED

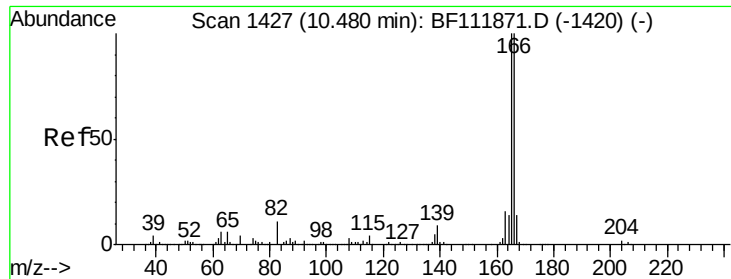
Sohil
1/14/2019 4:10:32 PM



#57
2,4-Dinitrotoluene
Concen: 36.520 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.4	34.1	51.1
89	60.2	53.5	80.3
182	3.4	2.0	3.0#





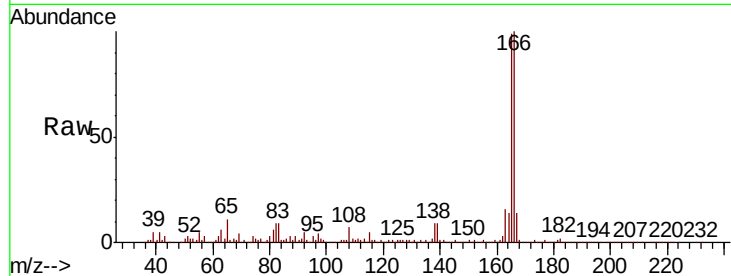
#58
 Fluorene
 Concen: 49.425 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.7	119.5
167	13.7	11.1	16.7

Manual Integrations
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Sohil
 1/14/2019 4:10:32 PM

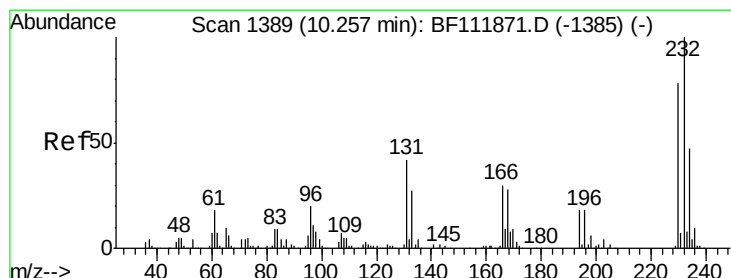
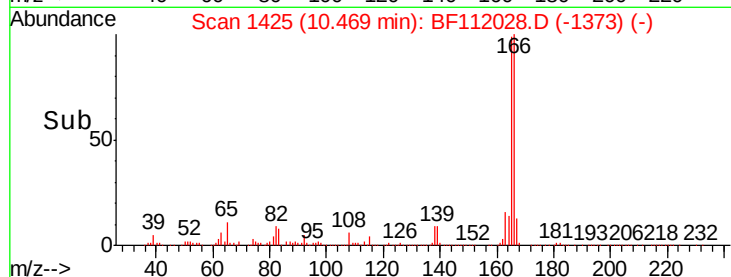
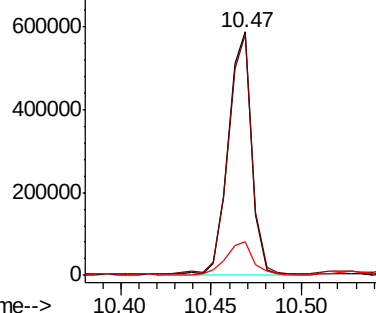


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.856 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.9	34.0	51.0
130	3.3	1.6	2.4
166	30.5	23.4	35.0

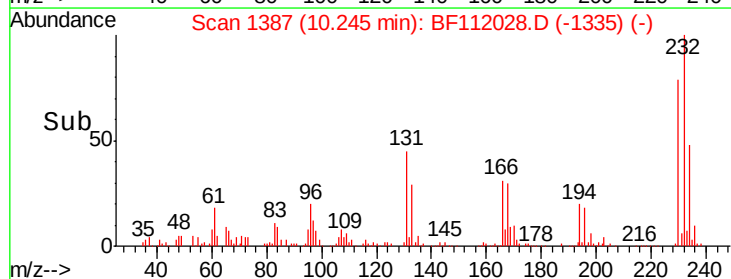
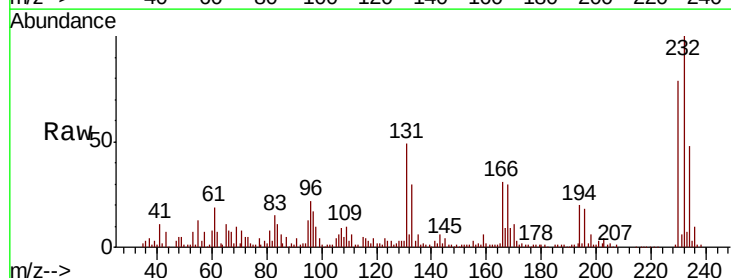
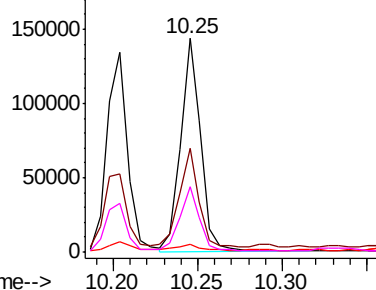
Abundance

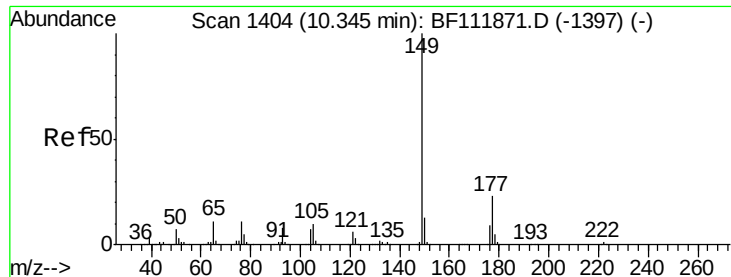
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





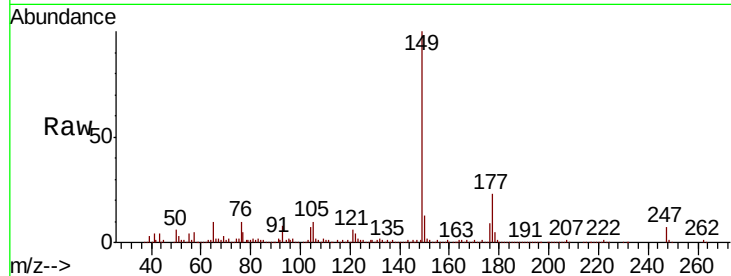
#60
Diethylphthalate
Concen: 40.229 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.5	10.2	15.4

Manual Integrations
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Sohil
1/14/2019 4:10:32 PM

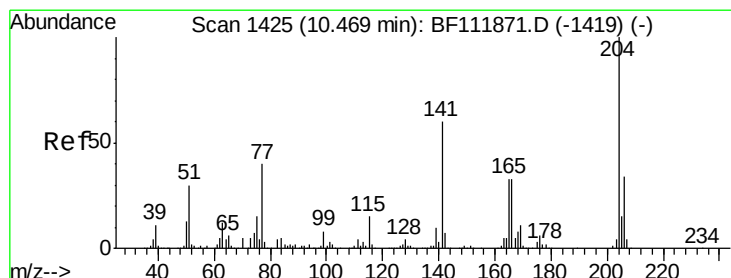
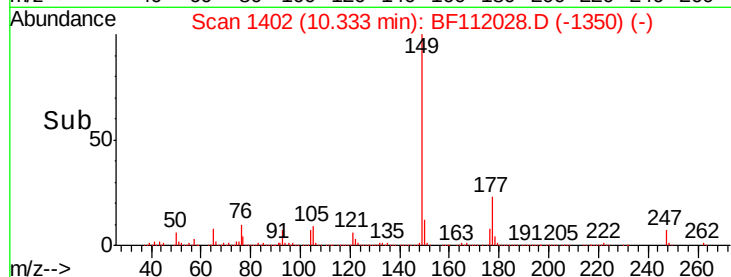
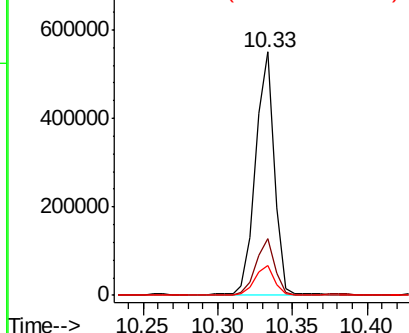


Abundance

Ion 149.00 (148.70 to 149.70): E

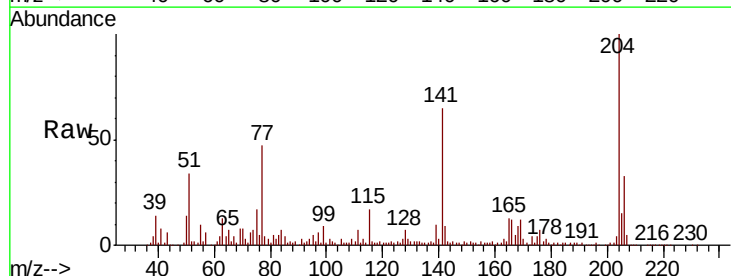
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61
4-Chlorophenyl-phenylether
Concen: 36.667 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.9	40.3
141	65.2	47.9	71.9

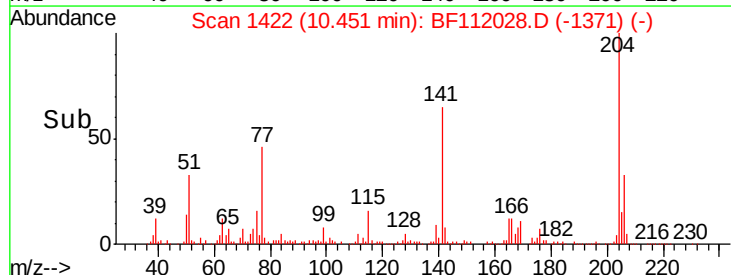
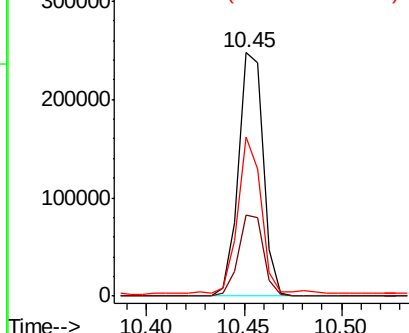


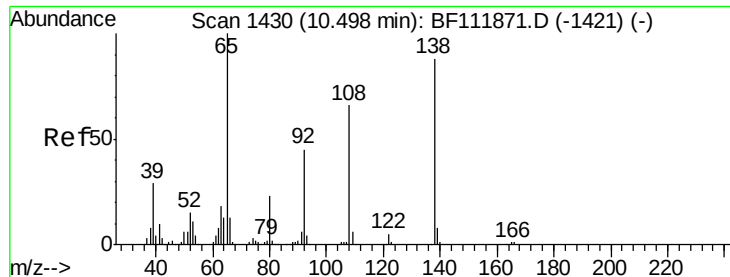
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





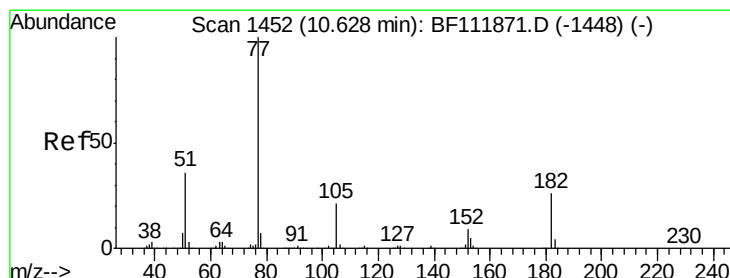
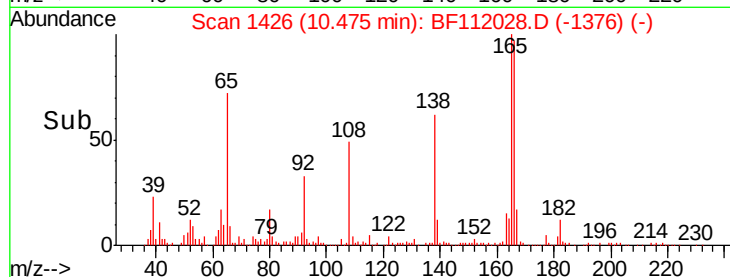
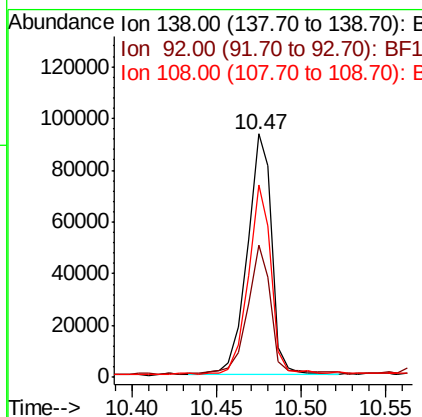
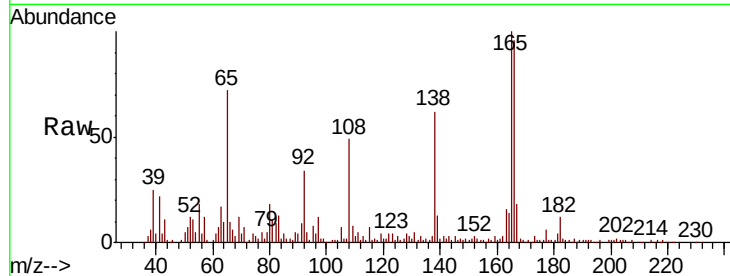
#62
4-Nitroaniline
Concen: 34.750 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.4	31.0	71.0
108	79.0	54.7	94.7

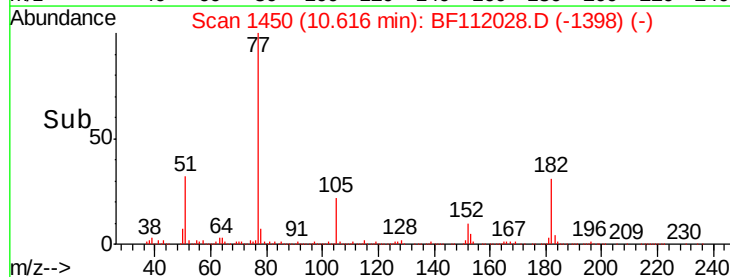
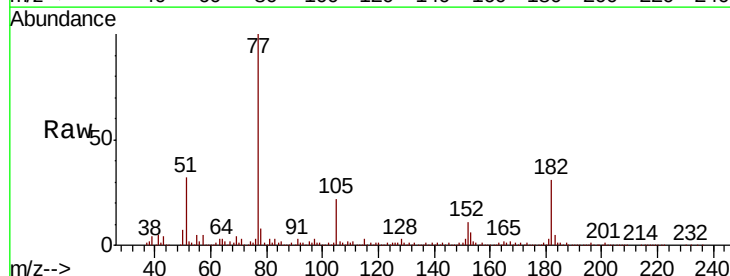
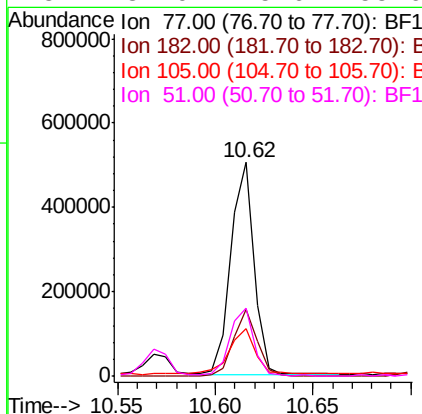
Manual Integrations
APPROVED

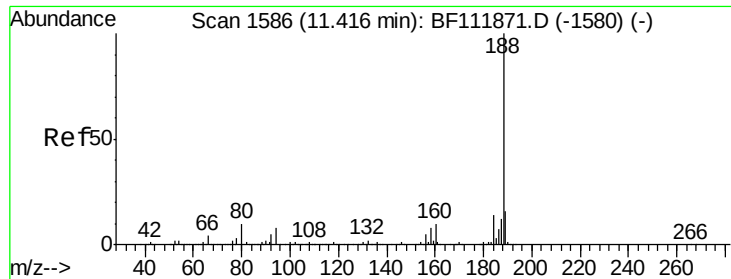
Sohil
1/14/2019 4:10:32 PM



#63
Azobenzene
Concen: 37.327 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.2	5.7	45.7
105	22.4	0.8	40.8
51	32.0	15.6	55.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

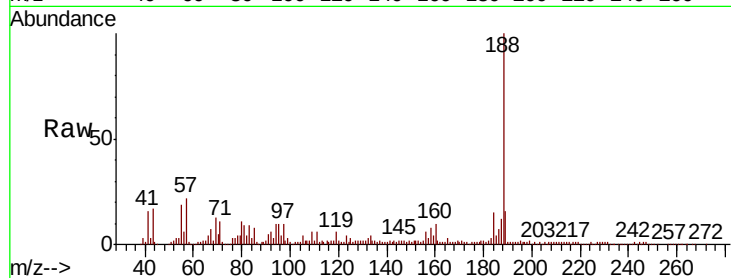
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	188	Resp:	283364
Ion Ratio	Lower	Upper	
188	100		
94	10.0	6.6	10.0#
80	10.6	7.7	11.5

Manual Integrations
APPROVED

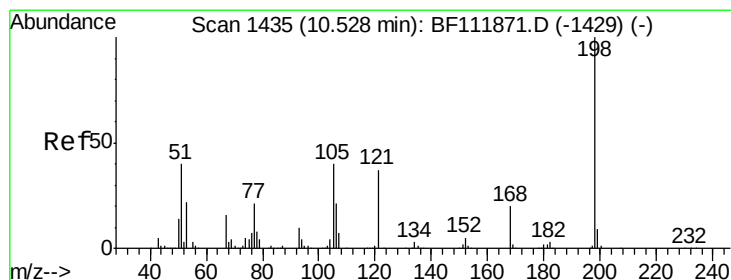
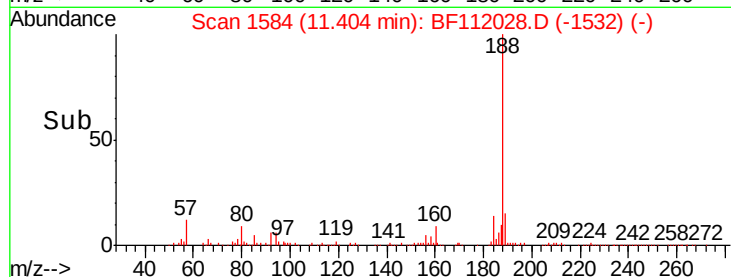
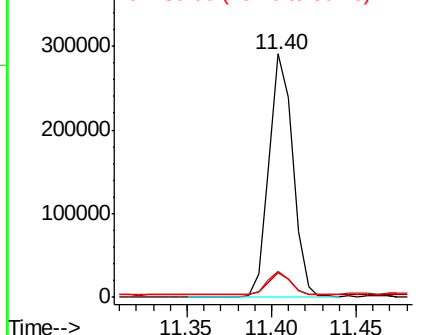
Sohil
1/14/2019 4:10:32 PM



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: 2.516 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF112028.D

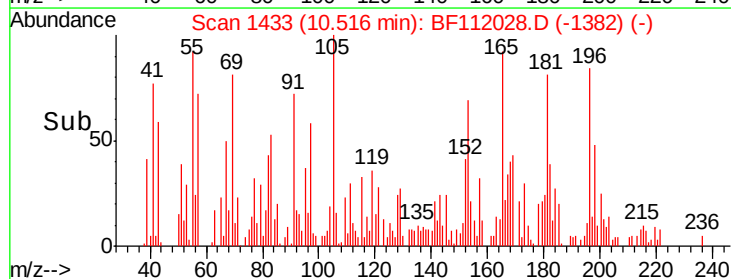
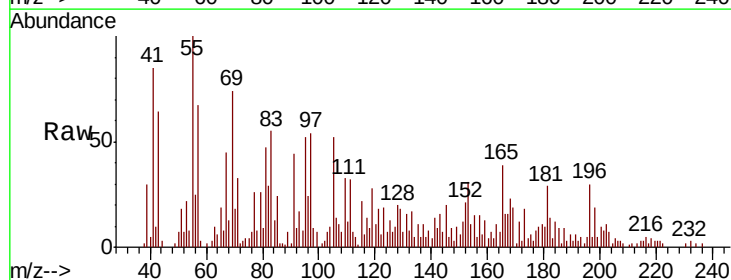
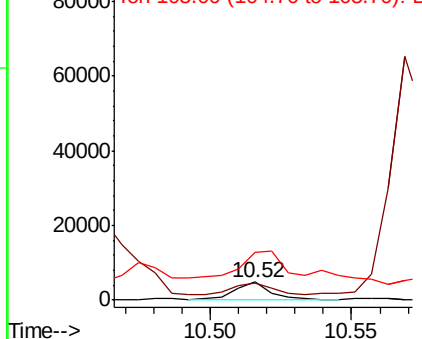
Acq: 11 Jan 2019 21:06

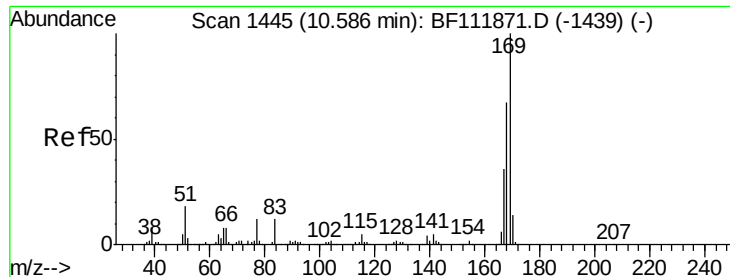
Tgt Ion:	198	Resp:	4399
Ion Ratio	Lower	Upper	
198	100		
51	94.2	27.2	67.2#
105	267.7	21.0	61.0#

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





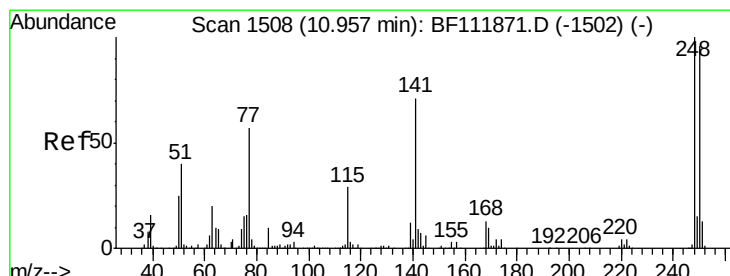
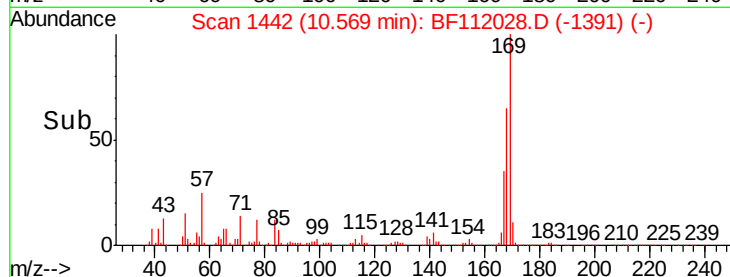
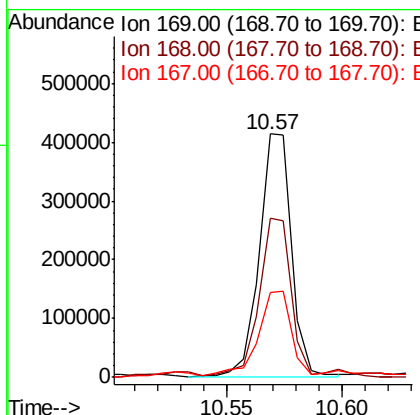
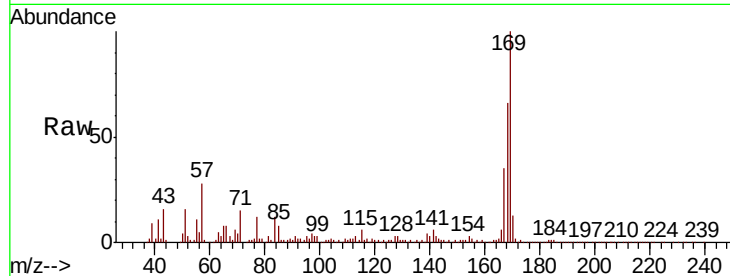
#66
 n-Nitrosodiphenylamine
 Concen: 41.884 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-07(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	398275		
168	65.6	53.8	80.6	
167	34.6	29.1	43.7	

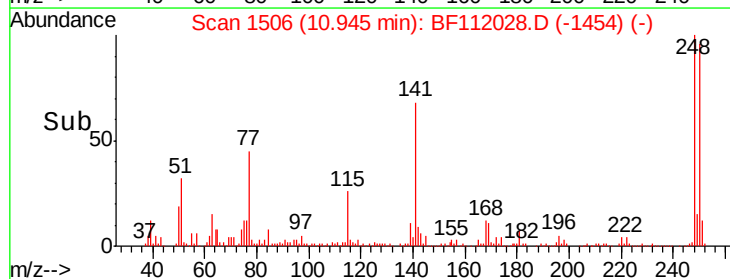
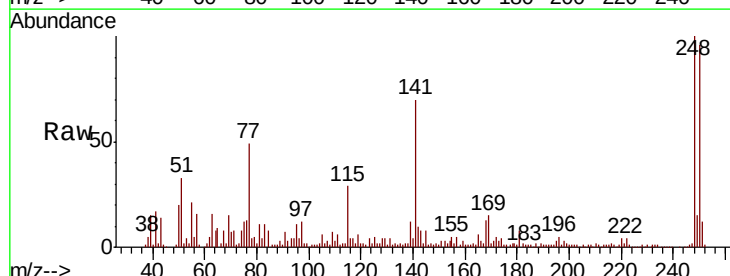
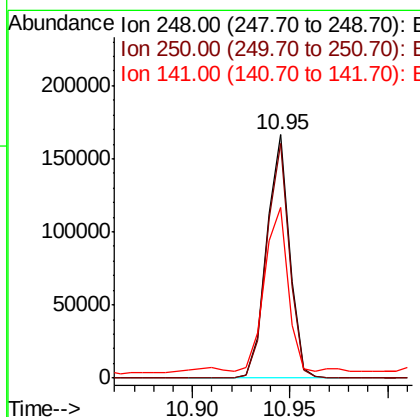
Manual Integrations
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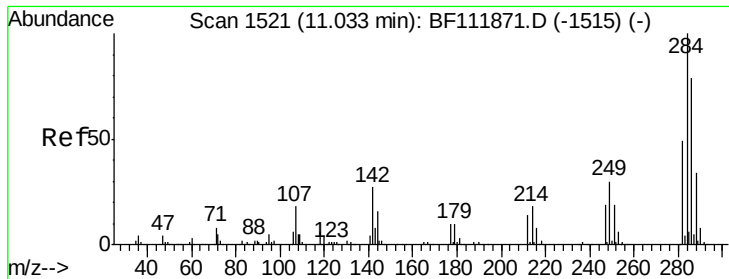
Sohil
 1/14/2019 4:10:32 PM



#67
 4-Bromophenyl-phenylether
 Concen: 36.909 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.01 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	135464		
250	96.5	76.8	115.2	
141	69.8	57.0	85.6	





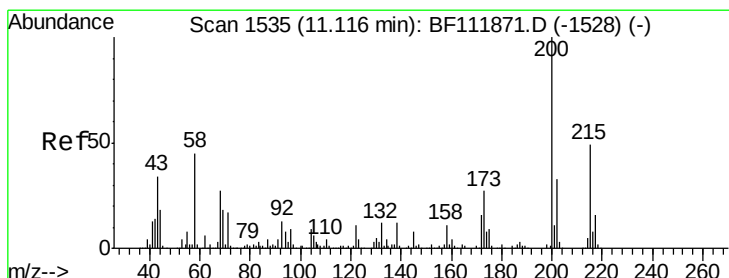
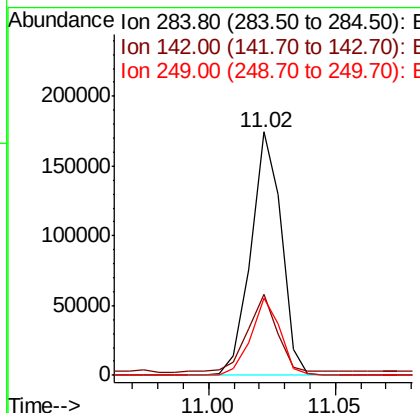
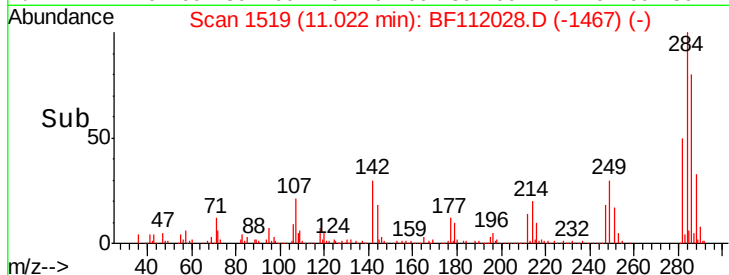
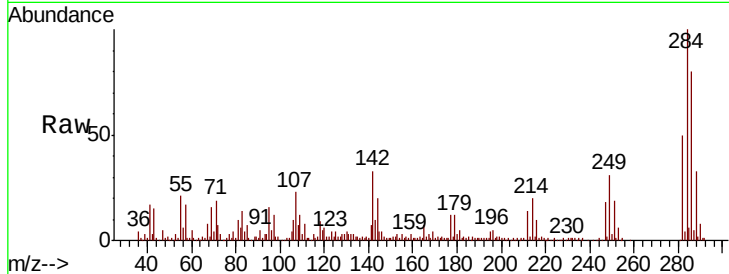
#68
Hexachlorobenzene
Concen: 36.047 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	146623		
142	33.1	21.8	32.6	
249	31.5	23.8	35.6	

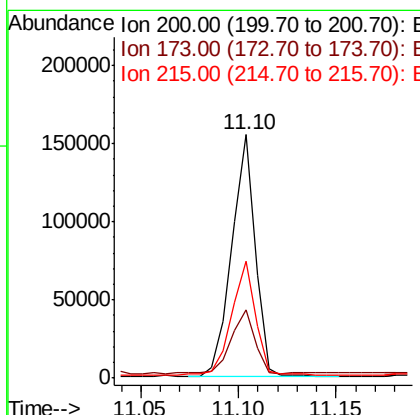
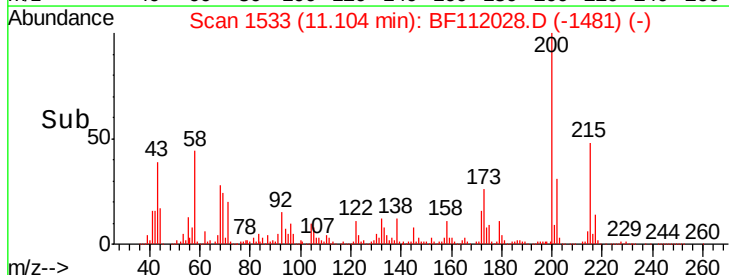
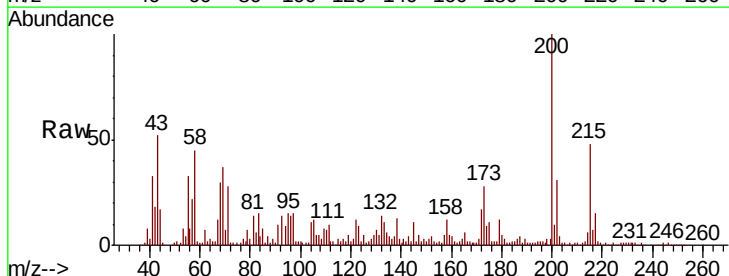
Manual Integrations
APPROVED

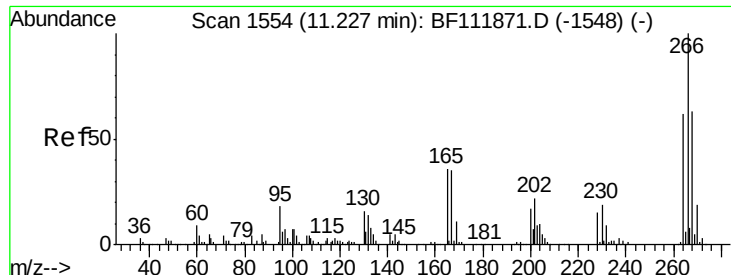
Sohil
1/14/2019 4:10:32 PM



#69
Atrazine
Concen: 39.136 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	130752		
173	28.0	6.6	46.6	
215	48.0	28.9	68.9	





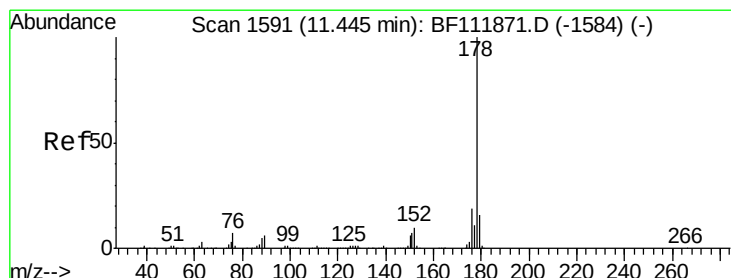
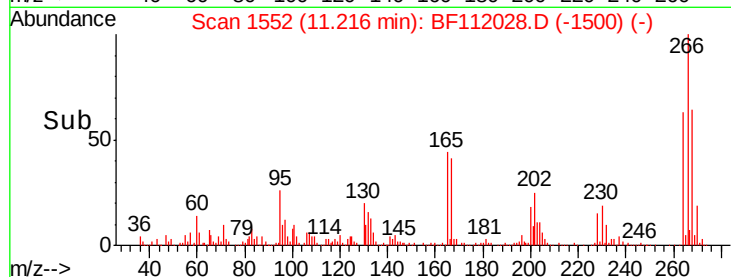
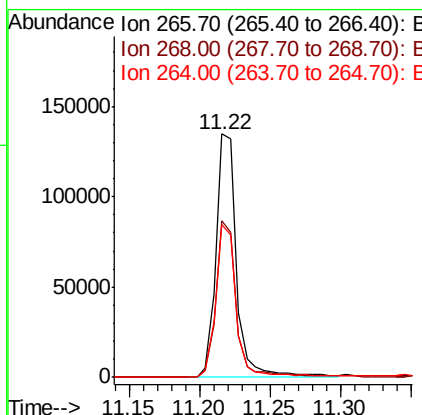
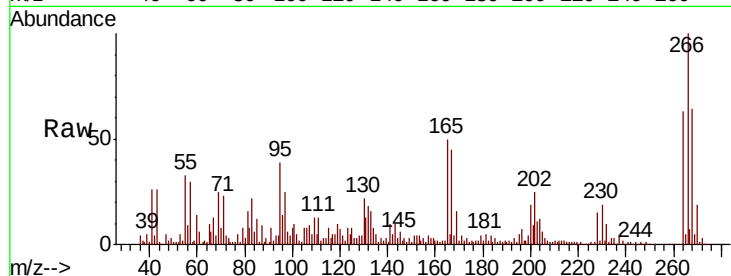
#70
 Pentachlorophenol
 Concen: 59.500 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.6	76.0
264	62.9	49.3	73.9

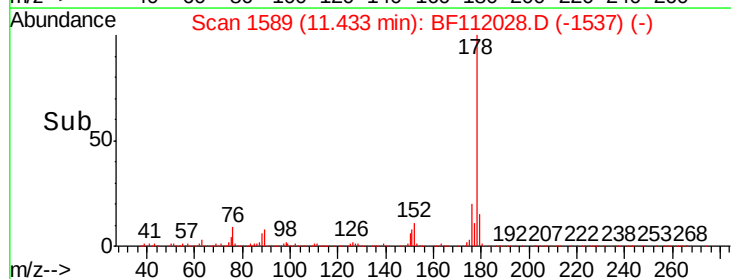
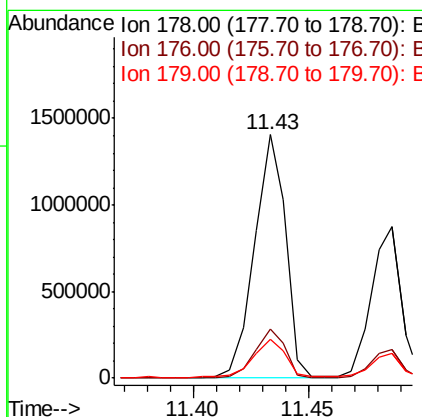
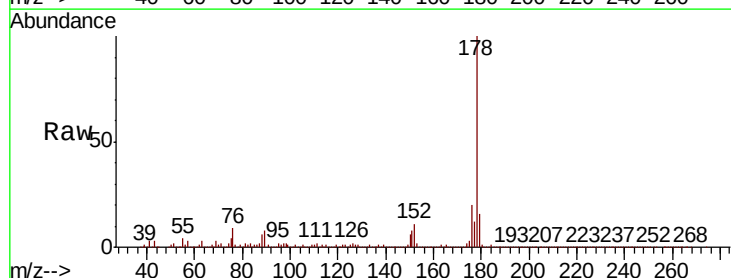
Manual Integrations
 APPROVED

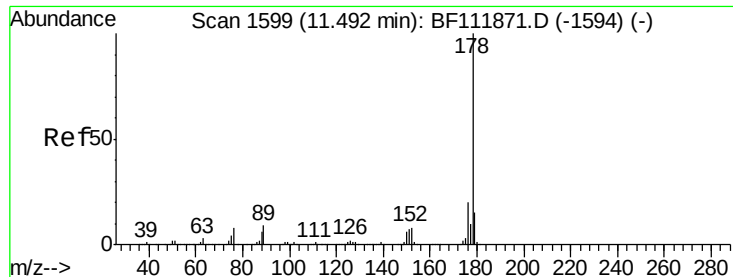
Sohil
 1/14/2019 4:10:32 PM



#71
 Phenanthrene
 Concen: 87.308 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	15.8	12.6	18.8





#72

Anthracene

Concen: 49.648 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

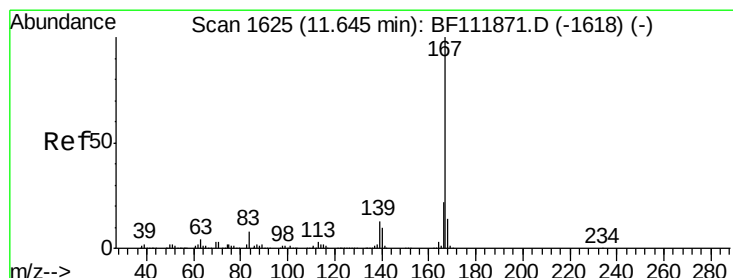
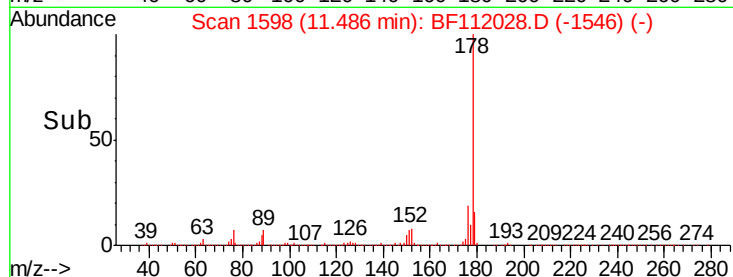
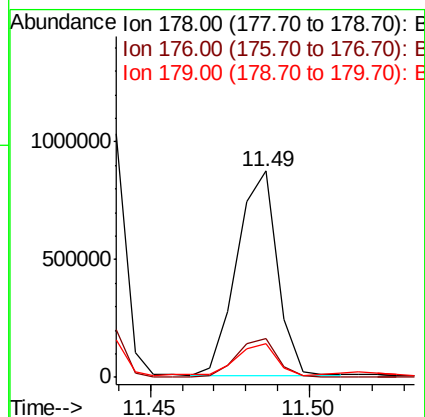
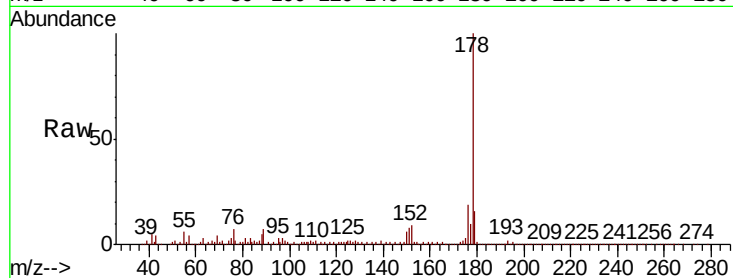
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	178	Resp:	763562
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.7	23.5
179	16.3	12.4	18.6

Manual Integrations
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Sohil
1/14/2019 4:10:32 PM



#73

Carbazole

Concen: 38.736 ng

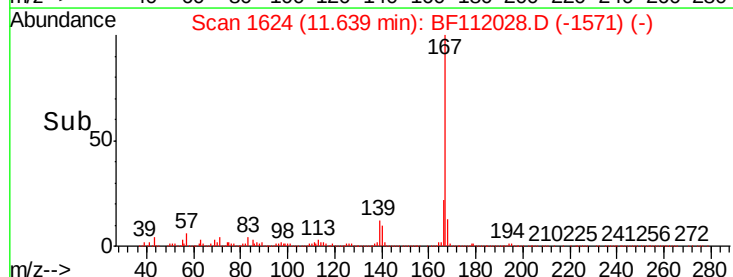
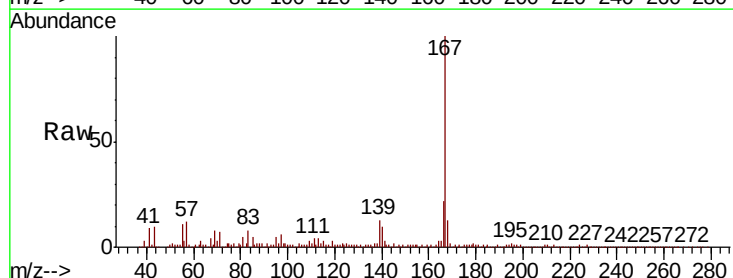
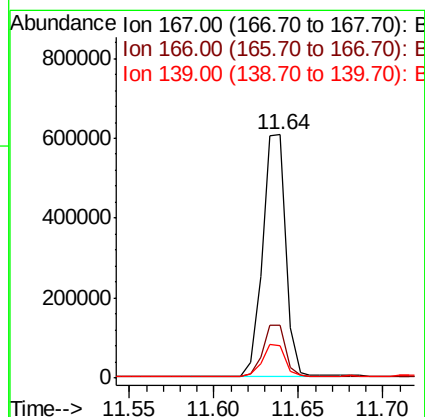
RT: 11.64 min Scan# 1624

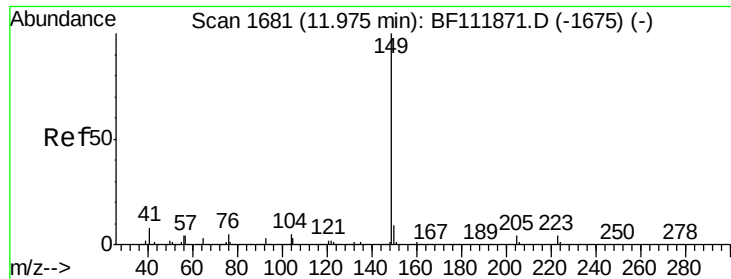
Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Tgt Ion:	167	Resp:	579479
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.8	26.6
139	13.1	10.6	16.0





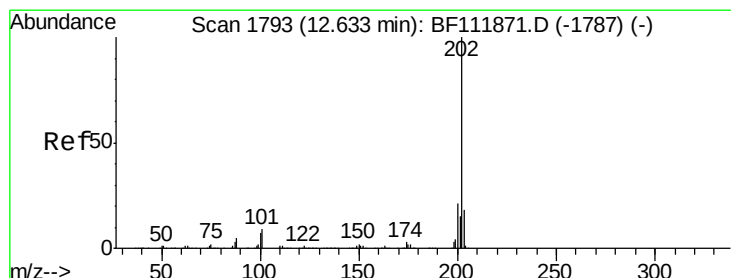
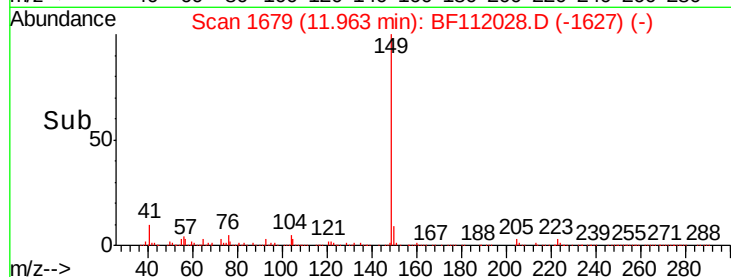
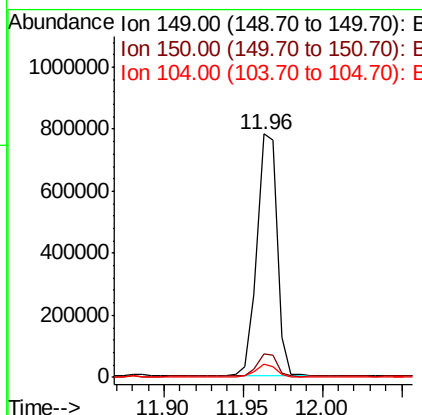
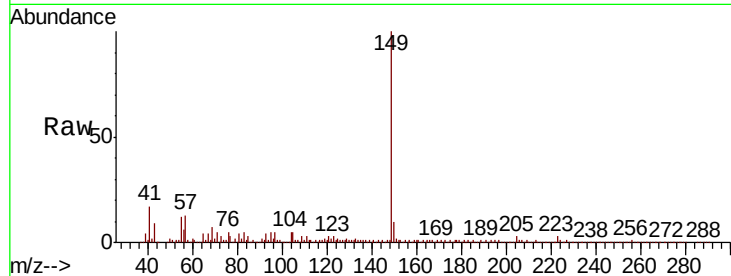
#74
Di-n-butylphthalate
Concen: 40.075 ng
RT: 11.96 min Scan# 1679
Delta R.T. 0.01 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	5.4	3.9	5.9

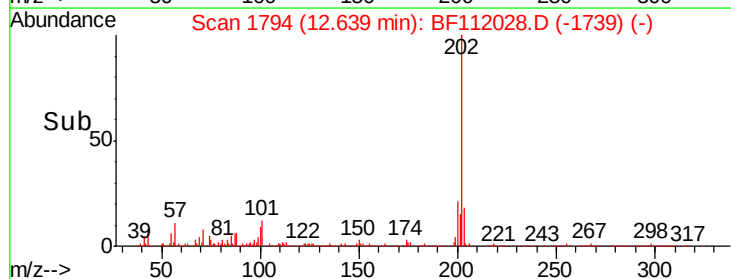
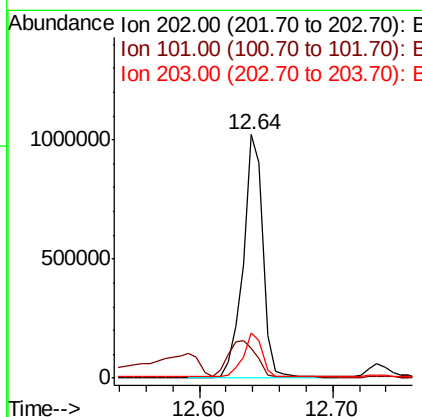
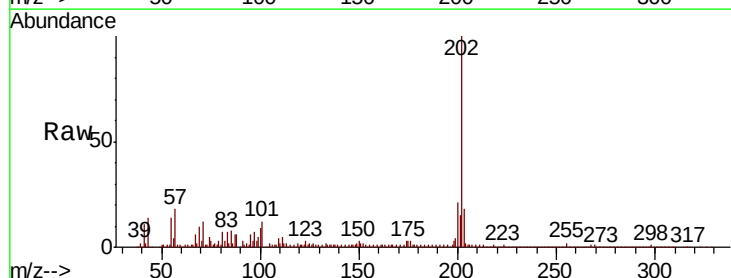
Manual Integrations
APPROVED

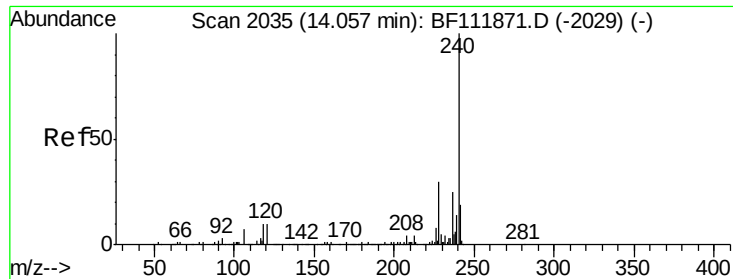
Sohil
1/14/2019 4:10:32 PM



#75
Fluoranthene
Concen: 66.922 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.02 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	29.3
203	18.4	0.0	37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

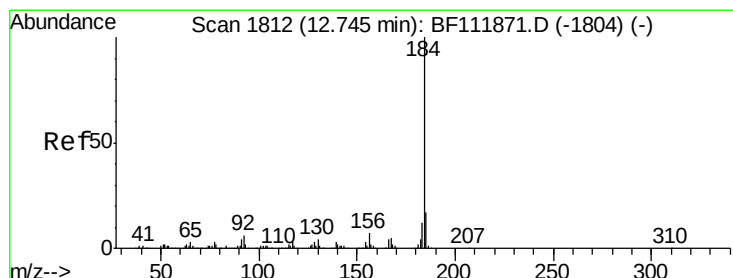
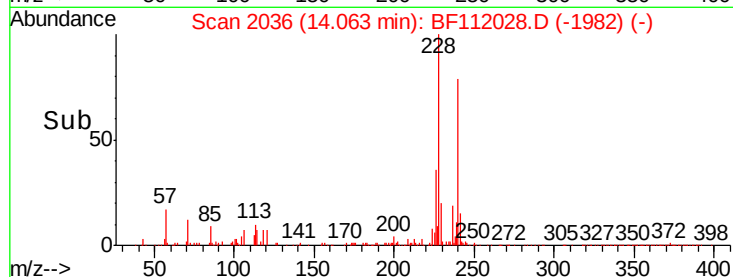
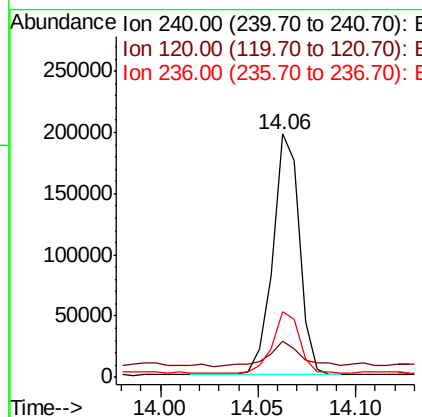
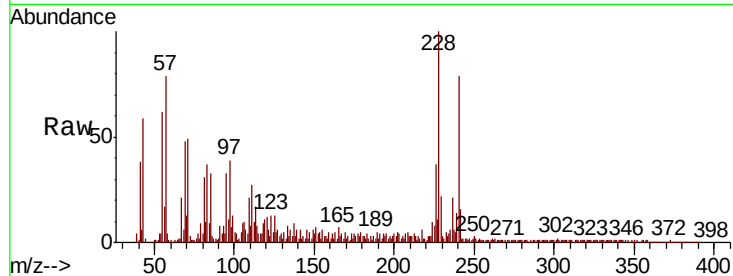
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.0	8.2	12.2#	
236	27.0	20.2	30.4	

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#77

Benzidine

Concen: 24.428 ng

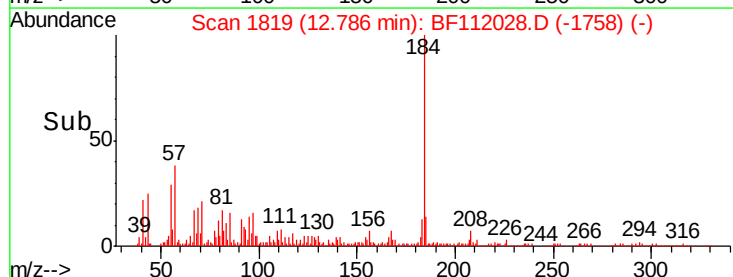
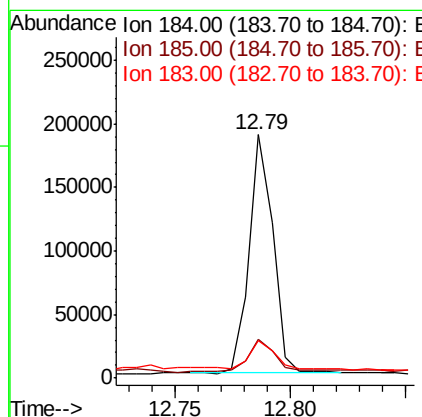
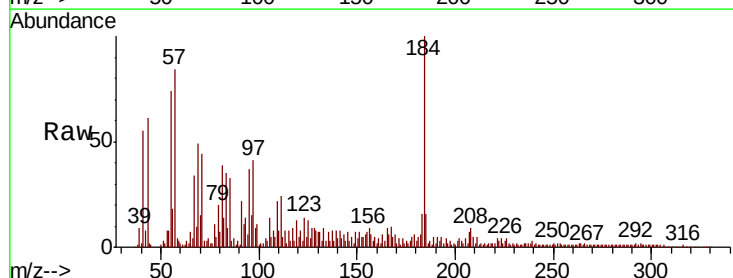
RT: 12.79 min Scan# 1819

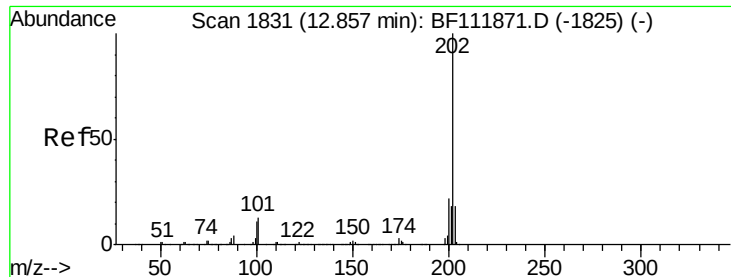
Delta R.T. 0.06 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	16.0	13.4	20.0	
183	15.6	9.6	14.4#	





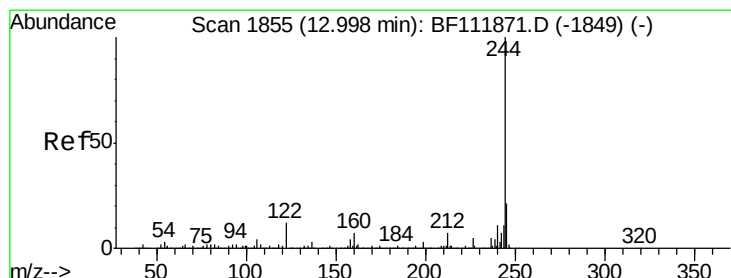
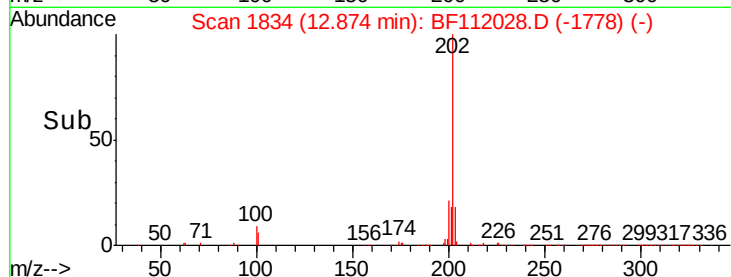
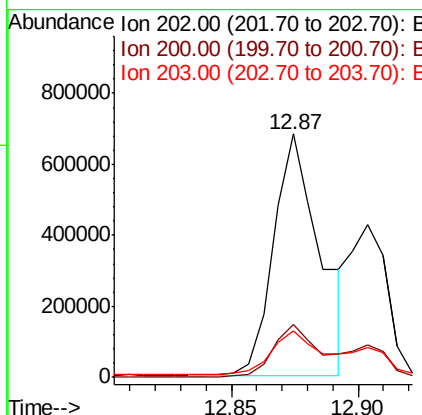
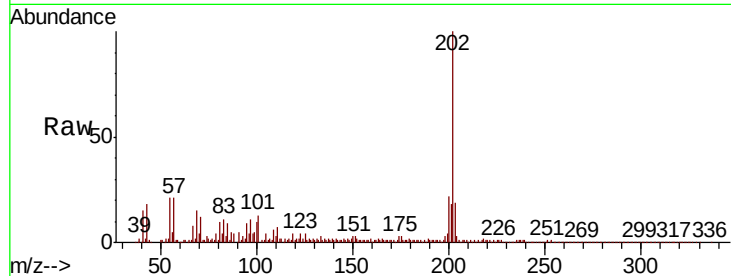
#78
Pvrene
Concen: 67.663 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.03 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	19.0	14.6	21.8

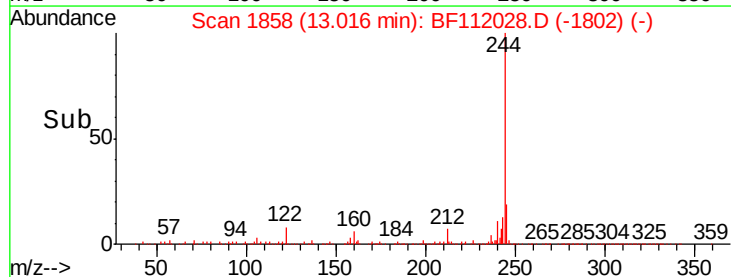
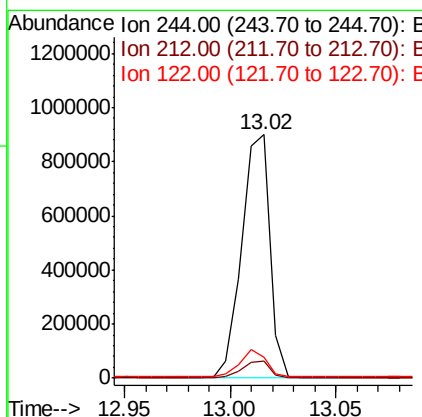
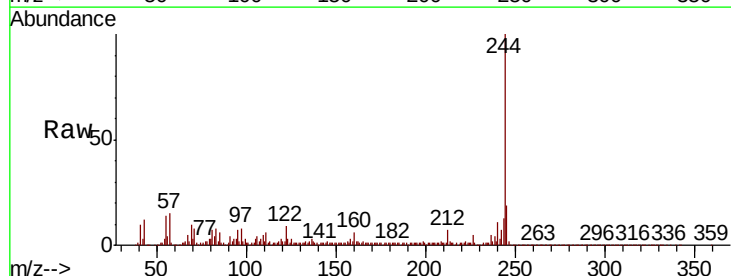
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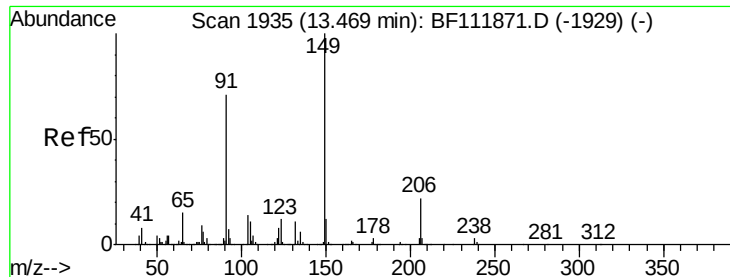
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#79
Terphenyl-d14
Concen: 84.594 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.03 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	8.8	9.5	14.3#





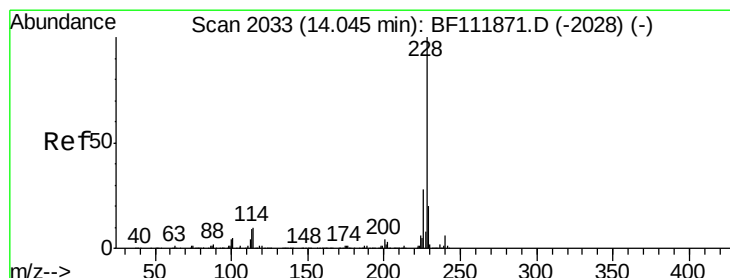
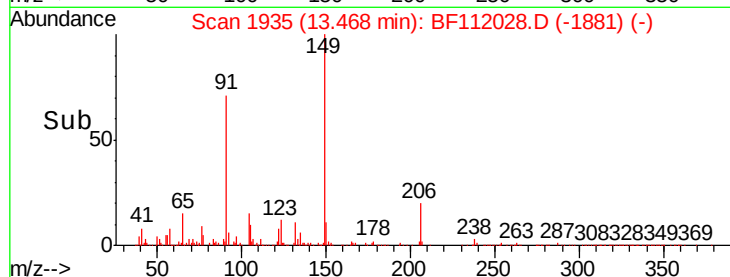
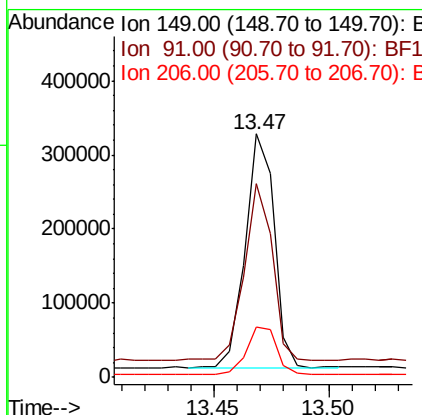
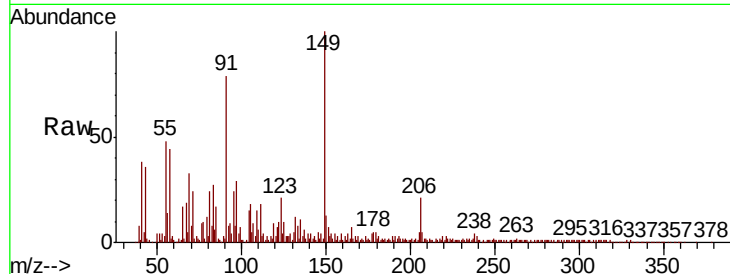
#80
Butylbenzylphthalate
Concen: 50.819 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.02 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.4	57.2	85.8
206	20.7	17.3	25.9

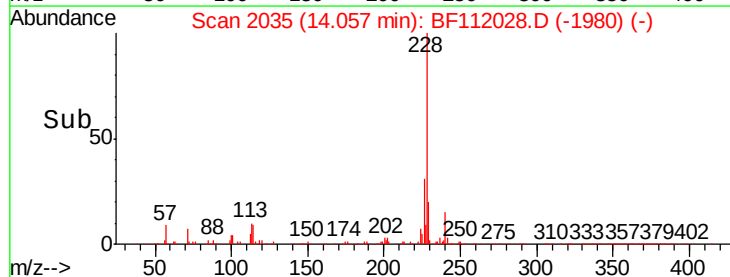
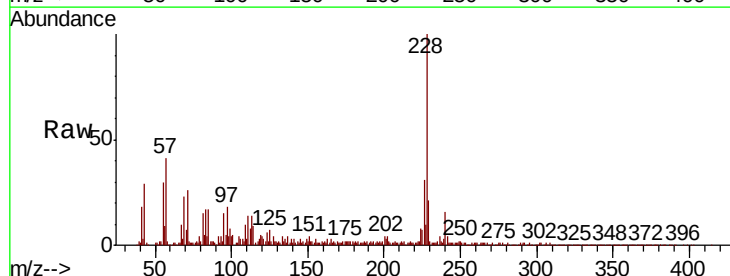
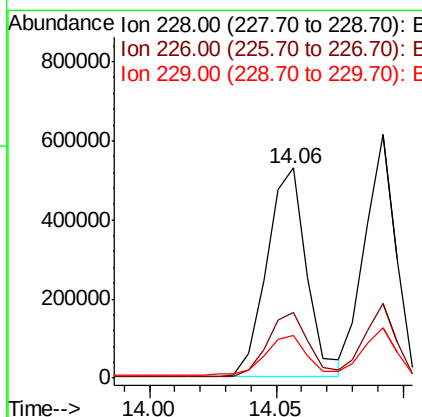
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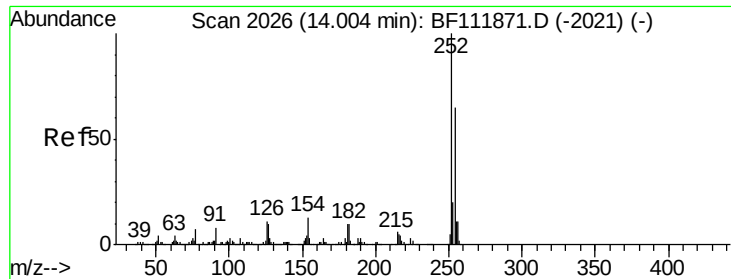
Sohil
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#81
Benzo(a)anthracene
Concen: 54.218 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.2	33.2
229	20.5	16.2	24.2





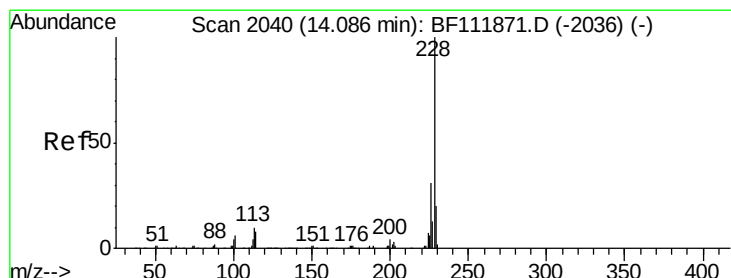
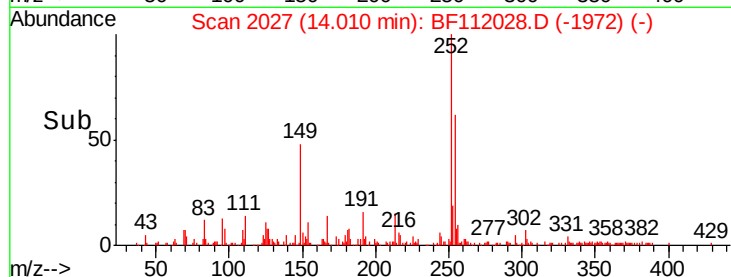
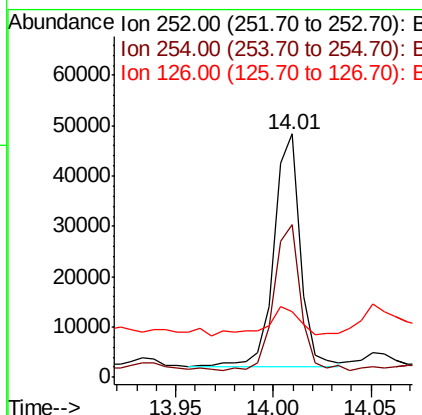
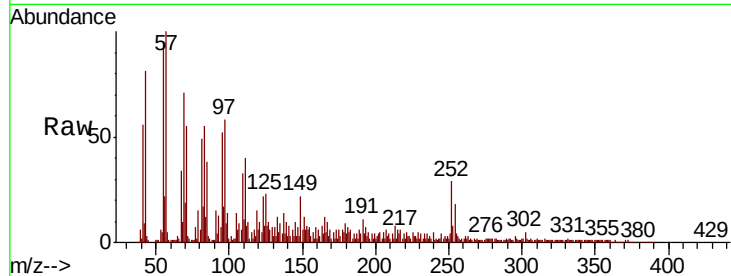
#82
 3,3'-Dichlorobenzidine
 Concen: 10.993 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.02 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.1	78.1
126	27.1	8.6	12.8

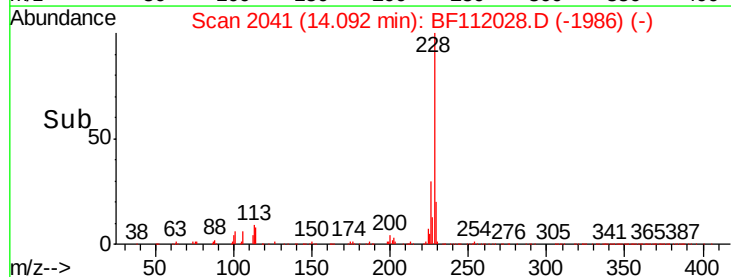
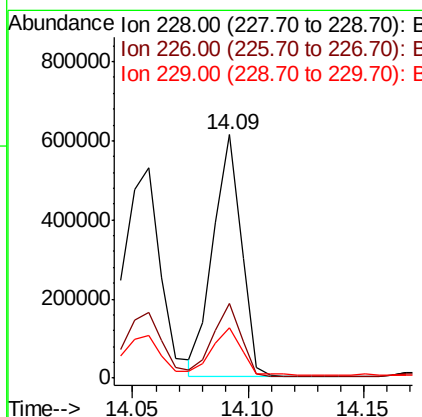
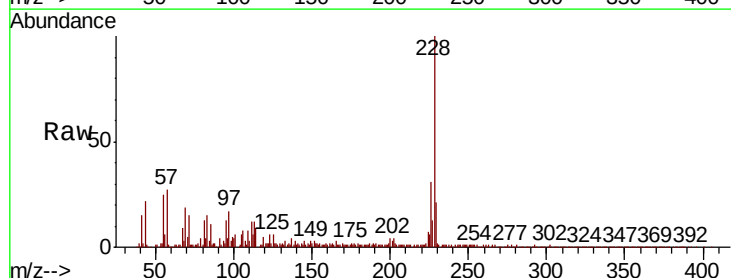
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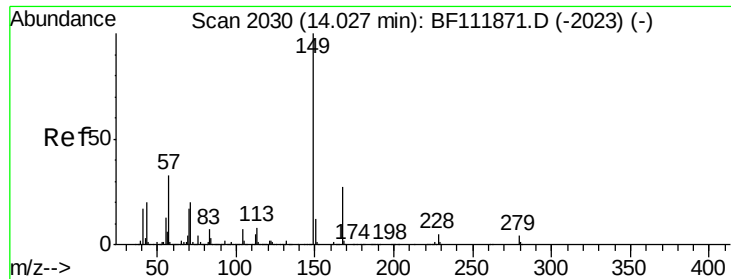
Sohil
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#83
 Chrysene
 Concen: 50.736 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	20.6	15.7	23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 66.347 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

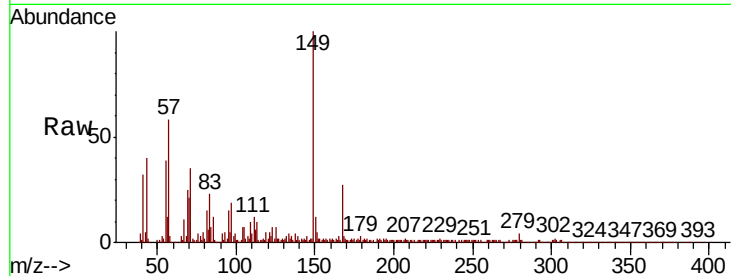
ClientSampleId :

CPSB-07(15-20)MSD

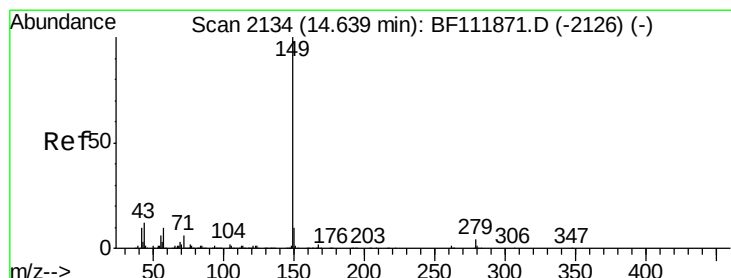
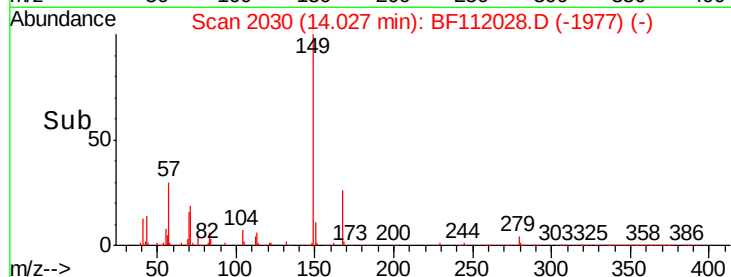
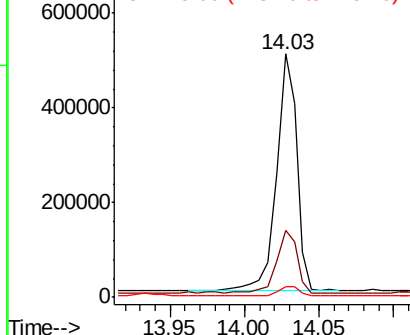
Tot Ion:	149	Resp:	472410
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.5	32.3
279	4.3	3.0	4.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 51.512 ng

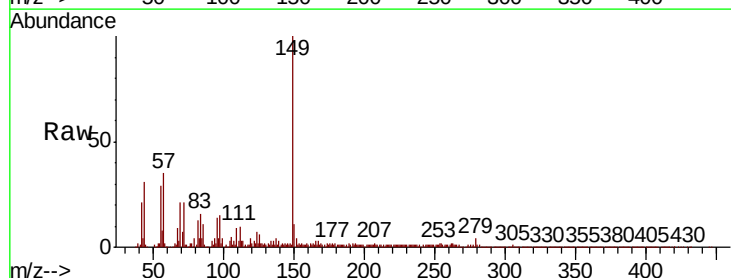
RT: 14.64 min Scan# 2134

Delta R.T. 0.02 min

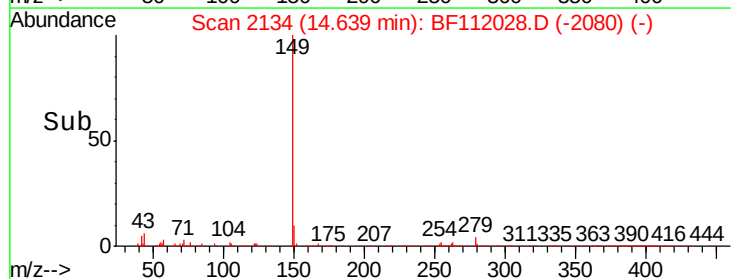
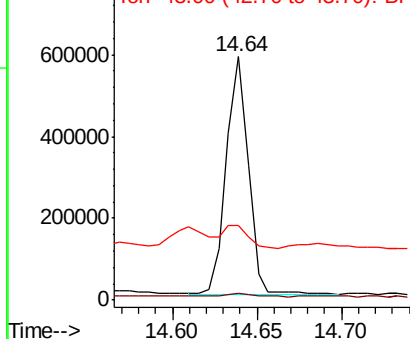
Lab File: BF112028.D

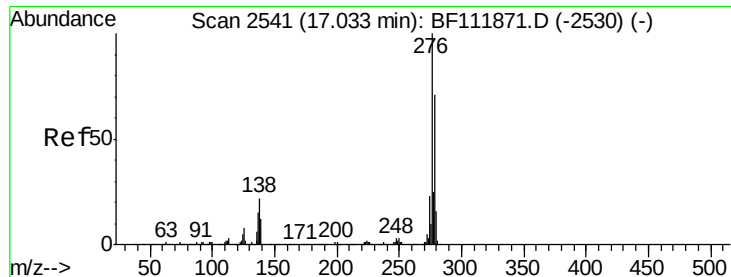
Acq: 11 Jan 2019 21:06

Tgt Ion:	149	Resp:	524897
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	12.1	9.1	13.7



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: 65.081 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.05 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Instrument :

BNA_F

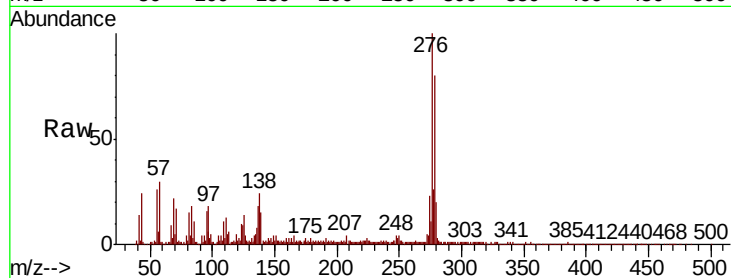
ClientSampleId :

CPSB-07(15-20)MSD

Tot Ion:	276	Resp:	485265
Ion Ratio		Lower	Upper
276	100		
138	21.7	18.1	27.1
277	24.6	19.9	29.9

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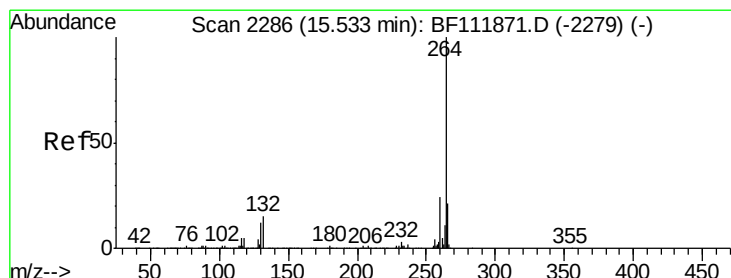
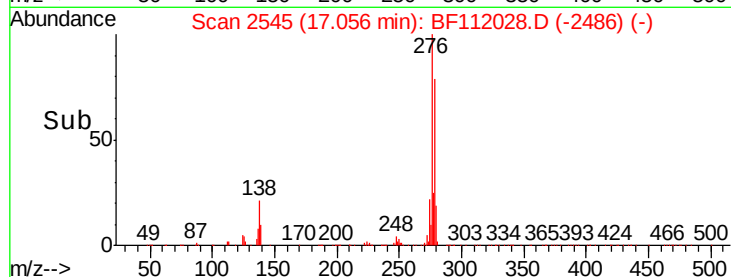
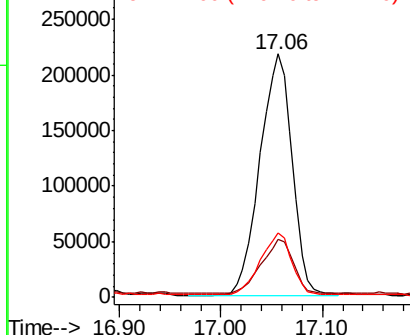


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

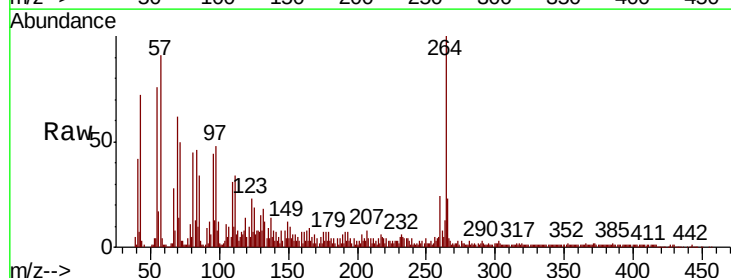
RT: 15.54 min Scan# 2288

Delta R.T. 0.03 min

Lab File: BF112028.D

Acq: 11 Jan 2019 21:06

Tgt Ion:	264	Resp:	154755
Ion Ratio		Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.9	17.1	25.7

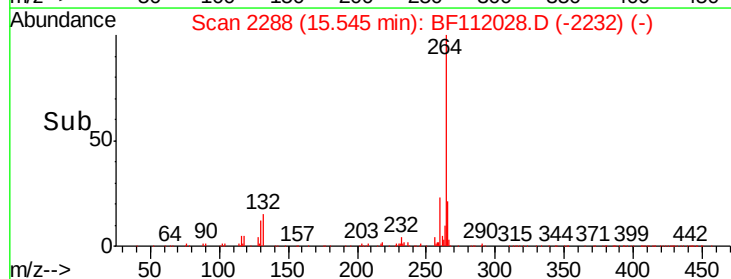
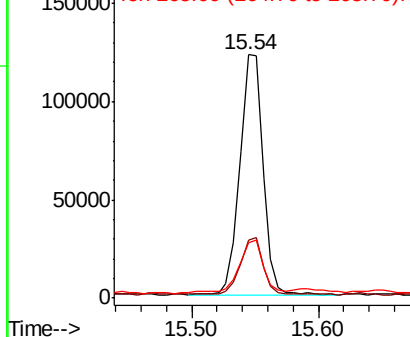


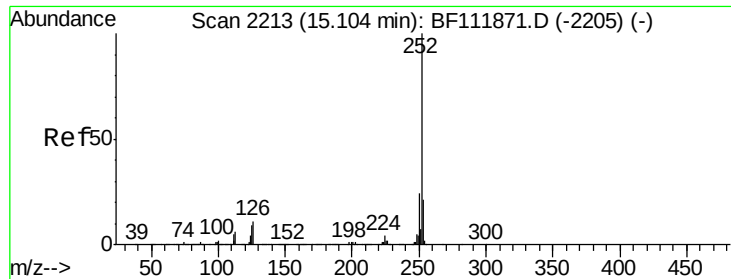
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





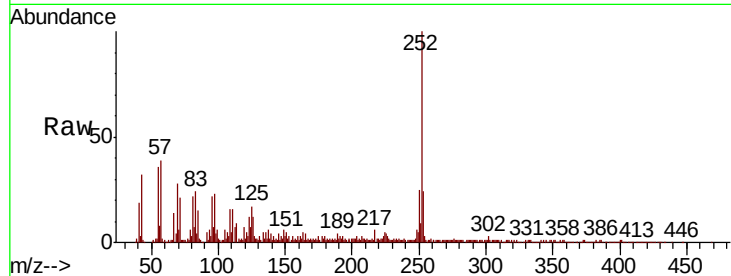
#88
Benzo(b)fluoranthene
Concen: 50.165 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.03 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	17.2	7.1	10.7

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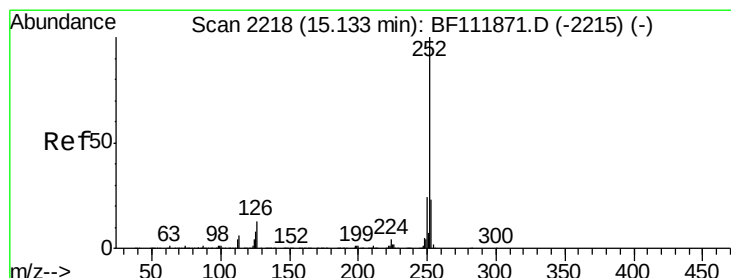
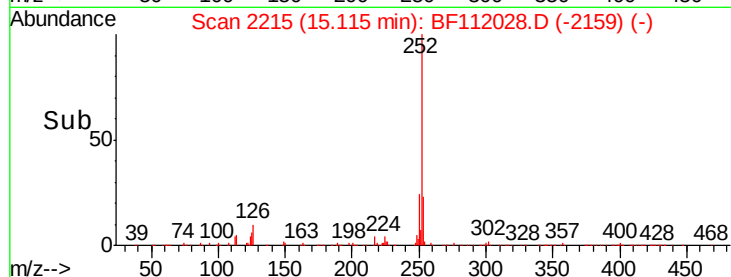
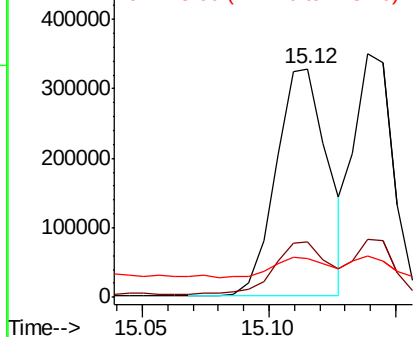


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 42.751 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

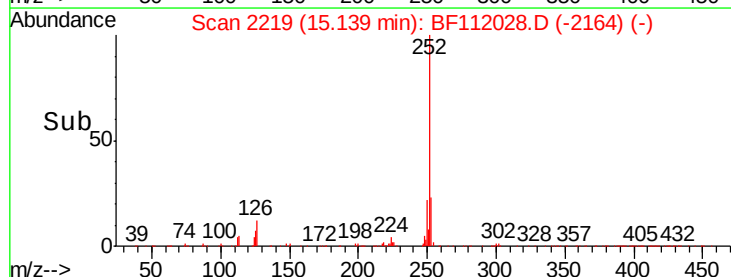
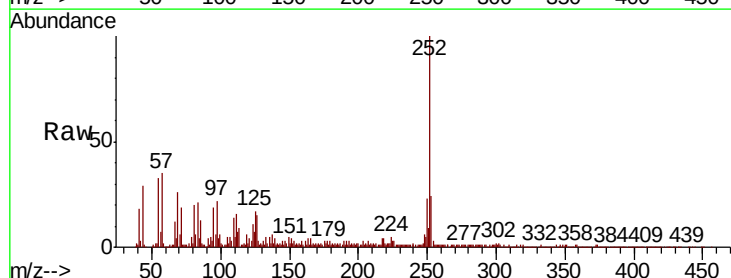
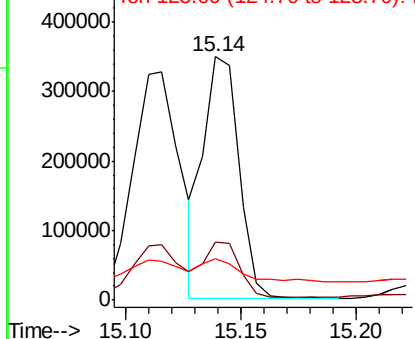
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	17.2	7.0	10.4

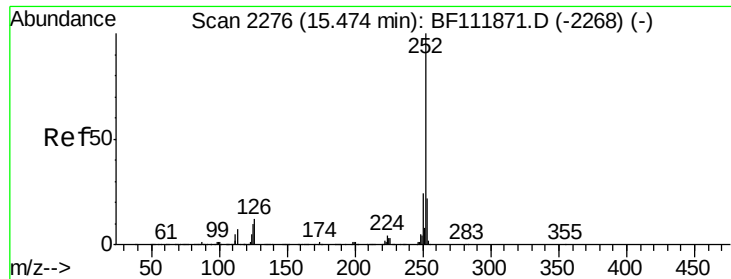
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





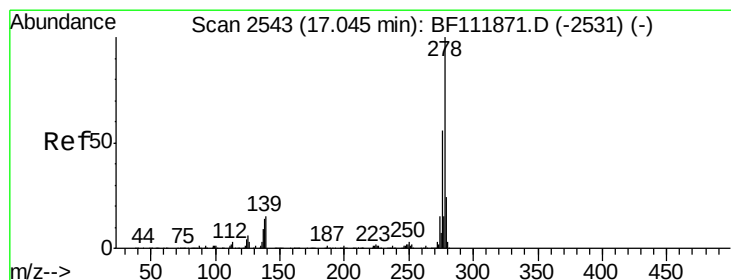
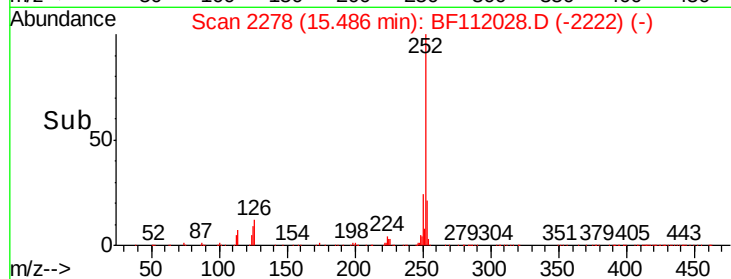
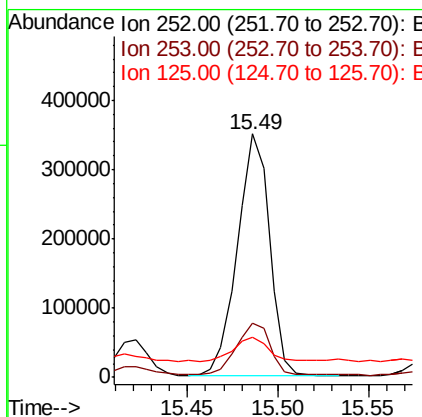
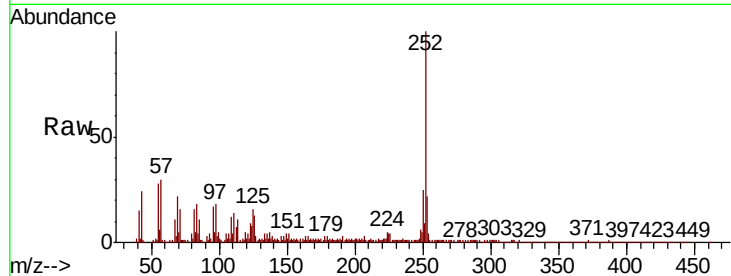
#90
Benzo(a)pyrene
Concen: 52.842 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.03 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	16.4	7.9	11.9

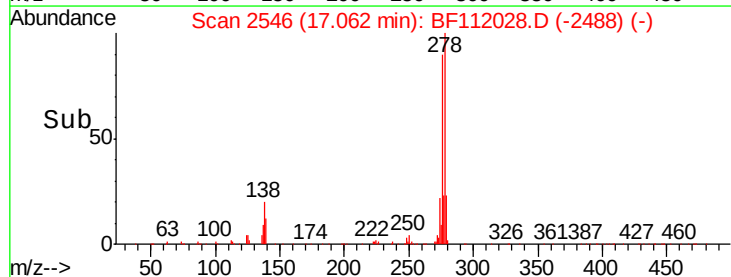
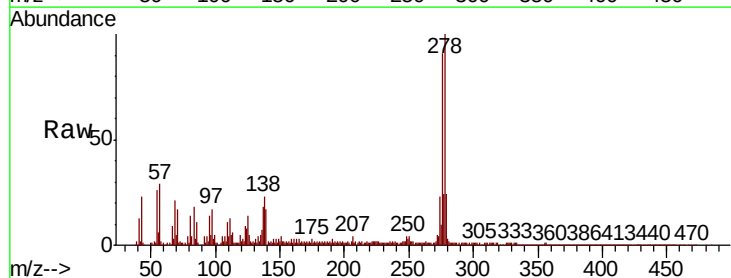
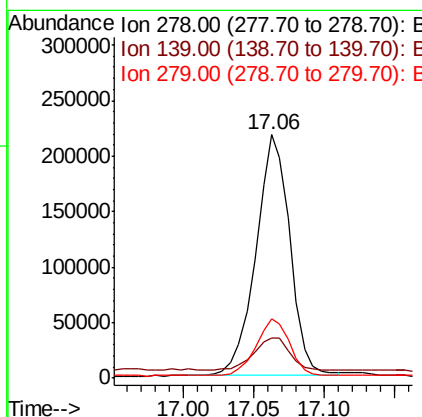
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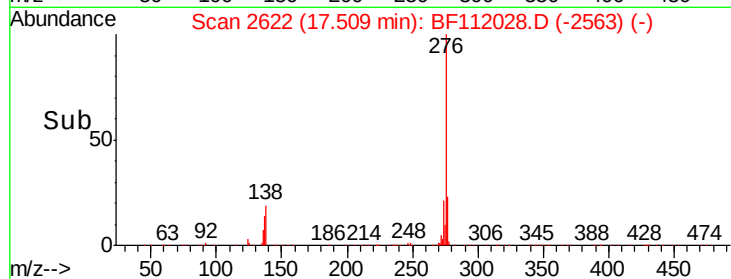
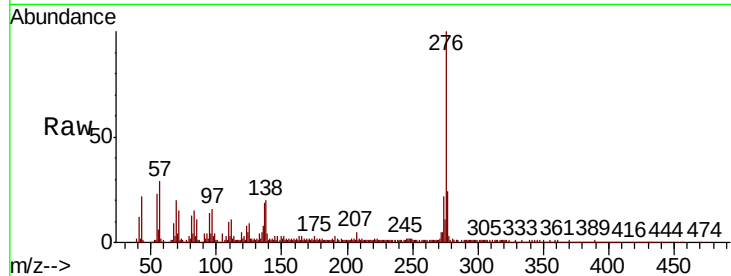
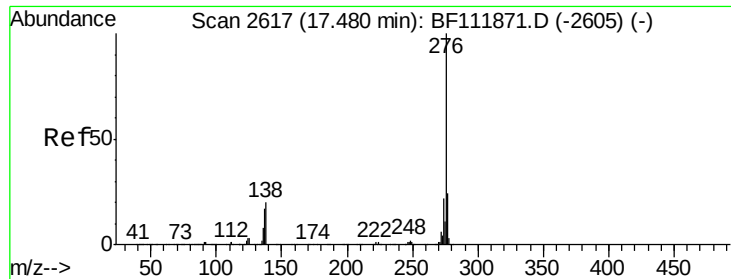
Sohil
1/14/2019 4:10:32 PM



#91
Dibenzo(a,h)anthracene
Concen: 56.363 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.04 min
Lab File: BF112028.D
Acq: 11 Jan 2019 21:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	11.8	17.6
279	24.3	19.4	29.2





#92
 Benzo(a,h,i)perylene
 Concen: 55.856 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. 0.05 min
 Lab File: BF112028.D
 Acq: 11 Jan 2019 21:06

Tot Ion:	276	Resp:	357661
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.0	28.6
138	20.4	16.2	24.2

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-07(15-20)MSD

Manual Integrations
 APPROVED

Sohil
 1/14/2019 4:10:32 PM

