

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112027.D
 Acq On : 11 Jan 2019 20:39
 Operator : JU/SJ
 Sample : K1088-08MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 1/14/2019 4:10:31 PM

Quant Time: Jan 12 01:02:52 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	108496	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	312550	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	136889	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	254632	20.00	ng	0.00
76) Chrysene-d12	14.07	240	179579	20.00	ng	0.02
87) Perylene-d12	15.54	264	140048	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	775019	122.21	ng	0.01
7) Phenol-d6	6.53	99	838112	102.54	ng	0.01
23) Nitrobenzene-d5	7.43	82	566859	96.93	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	184003	103.34	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	746888	79.56	ng	0.00
79) Terphenyl-d14	13.01	244	769747	81.37	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	91223	32.897	ng	98
3) Pyridine	3.43	79	261378	36.367	ng	99
4) n-Nitrosodimethylamine	3.36	42	144513	40.412	ng	99
6) Aniline	6.54	93	127083	12.858	ng	# 1
8) 2-Chlorophenol	6.67	128	258121	36.655	ng	96
9) Benzaldehyde	6.42	77	88474	15.300	ng	99
10) Phenol	6.54	94	333831	37.577	ng	81
11) bis(2-Chloroethyl)ether	6.60	93	269078	39.151	ng	99
12) 1,3-Dichlorobenzene	6.82	146	284977	34.908	ng	99
13) 1,4-Dichlorobenzene	6.89	146	290052	35.013	ng	99
14) 1,2-Dichlorobenzene	7.05	146	275372	34.775	ng	99
15) Benzyl Alcohol	7.02	79	226240	34.982	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	393949	33.620	ng	97
17) 2-Methylphenol	7.14	107	197799	34.949	ng	93
18) Hexachloroethane	7.39	117	71436	24.698	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	201377	37.918	ng	97
20) 3+4-Methylphenols	7.29	107	279069	39.619	ng	# 69
22) Acetophenone	7.28	105	388916	49.150	ng	# 91
24) Nitrobenzene	7.46	77	280901	47.483	ng	97
25) Isophorone	7.69	82	389383	41.118	ng	98
26) 2-Nitrophenol	7.77	139	94946	32.596	ng	92
27) 2,4-Dimethylphenol	7.82	122	180984	42.973	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	247070	39.087	ng	93
29) 2,4-Dichlorophenol	8.02	162	177050	36.559	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	189017	35.379	ng	97
31) Naphthalene	8.18	128	952325	64.186	ng	100
32) Benzoic acid	7.89	122	14483m	5.299	ng	
33) 4-Chloroaniline	8.23	127	82998	12.941	ng	95
34) Hexachlorobutadiene	8.30	225	117692	35.386	ng	99
35) Caprolactam	8.58	113	55190m	34.880	ng	
36) 4-Chloro-3-methylphenol	8.72	107	162035	33.651	ng	96
37) 2-Methylnaphthalene	8.87	142	422202	45.924	ng	99
38) 1-Methylnaphthalene	8.97	142	407801	46.247	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	173105	39.666	ng	99

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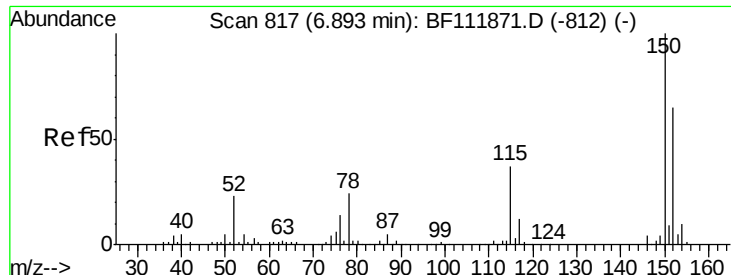
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.15	196	114489	38.679	nq	95
44) 2,4,5-Trichlorophenol	9.20	196	116083	37.431	nq	98
46) 1,1'-Biphenyl	9.33	154	533374	46.581	nq	99
47) 2-Chloronaphthalene	9.36	162	336323	37.424	nq	99
48) 2-Nitroaniline	9.45	65	108774	39.589	nq	98
49) Acenaphthylene	9.78	152	1079211	81.227	nq	99
50) Dimethylphthalate	9.63	163	450687	43.828	nq	99
51) 2,6-Dinitrotoluene	9.69	165	78498	34.136	nq	98
52) Acenaphthene	9.95	154	417821	48.781	nq	99
53) 3-Nitroaniline	9.86	138	69645	28.281	nq	95
54) 2,4-Dinitrophenol	9.97	184	1050	1.078	nq #	1
55) Dibenzofuran	10.12	168	537142	43.121	nq	98
56) 4-Nitrophenol	10.04	139	128561	73.885	nq	96
57) 2,4-Dinitrotoluene	10.10	165	105196	35.403	nq #	98
58) Fluorene	10.46	166	595463	65.695	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	94457	36.149	nq #	96
60) Diethylphthalate	10.33	149	381060	38.292	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	179152	35.247	nq	97
62) 4-Nitroaniline	10.47	138	83108	35.581	nq	96
63) Azobenzene	10.62	77	334071	35.141	nq	89
65) 4,6-Dinitro-2-methylphenol	10.52	198	3286	2.091	nq #	1
66) n-Nitrosodiphenylamine	10.57	169	329400	38.549	nq	98
67) 4-Bromophenyl-phenylether	10.95	248	110269	33.434	nq	98
68) Hexachlorobenzene	11.02	284	122214	33.436	nq #	93
69) Atrazine	11.10	200	110287	36.735	nq	96
70) Pentachlorophenol	11.22	266	112982	54.320	nq	99
71) Phenanthrene	11.44	178	2992037	219.779	nq	97
72) Anthracene	11.49	178	1010051	73.086	nq	99
73) Carbazole	11.63	167	503954	37.488	nq	99
74) Di-n-butylphthalate	11.96	149	585322	37.485	nq	99
75) Fluoranthene	12.65	202	2433940	174.153	nq	98
77) Benzidine	12.78	184	149375	27.838	nq #	96
78) Pyrene	12.88	202	3140873	254.195	nq	99
80) Butylbenzylphthalate	13.47	149	245278	46.954	nq	94
81) Benzo(a)anthracene	14.06	228	901727m	87.249	nq	
82) 3,3'-Dichlorobenzidine	14.01	252	54902	14.389	nq #	96
83) Chrysene	14.09	228	766966	77.831	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	431830	62.946	nq	98
85) Di-n-octyl phthalate	14.64	149	467557	47.624	nq	97
86) Indeno(1,2,3-cd)pyrene	17.05	276	554298	77.156	nq	97
88) Benzo(b)fluoranthene	15.12	252	678494	80.989	nq #	92
89) Benzo(k)fluoranthene	15.14	252	452380m	57.446	nq	
90) Benzo(a)pyrene	15.49	252	687221	93.295	nq #	98
91) Dibenzo(a,h)anthracene	17.06	278	307447	51.894	nq	99
92) Benzo(g,h,i)perylene	17.51	276	526215	90.809	nq	99

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



#1

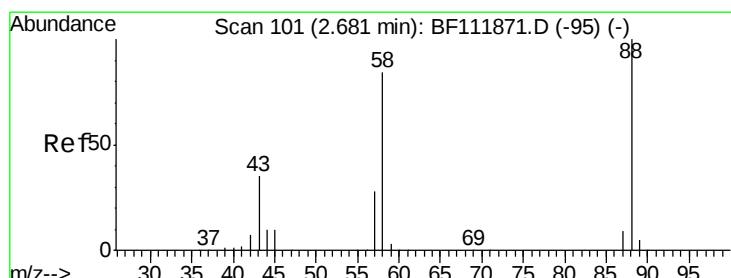
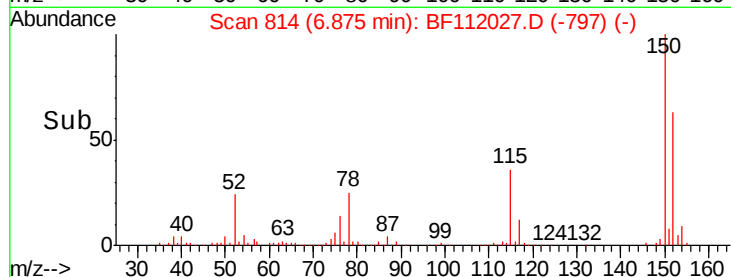
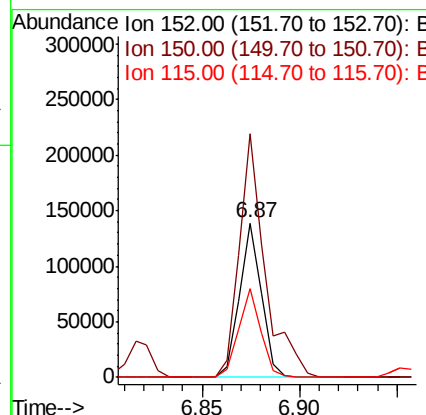
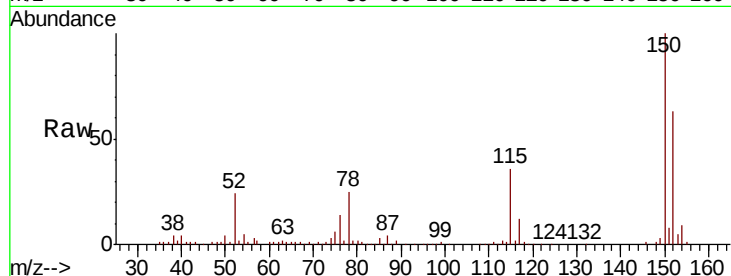
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.7	184.1
115	57.4	45.2	67.8

Manual Integrations
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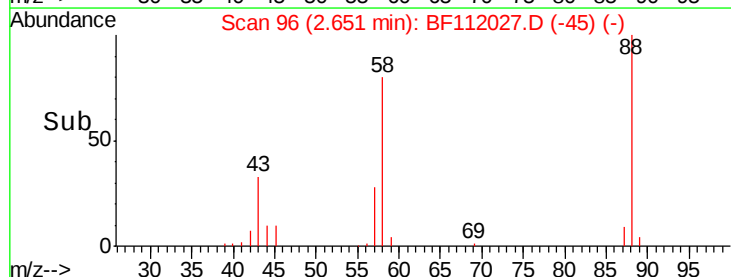
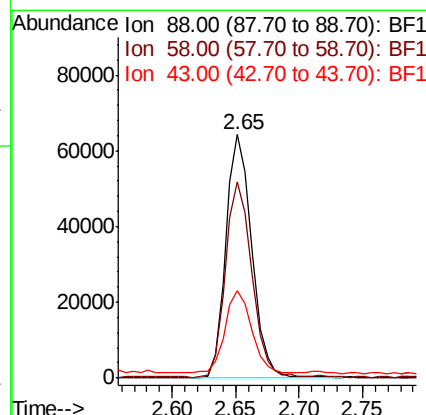
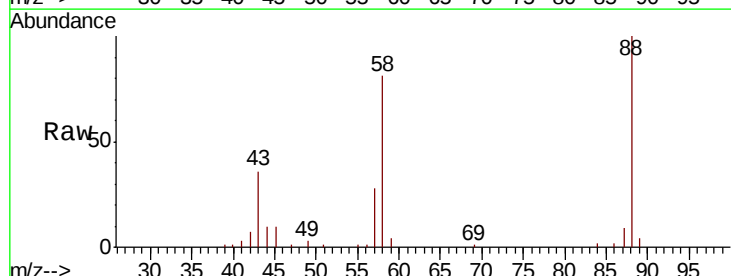
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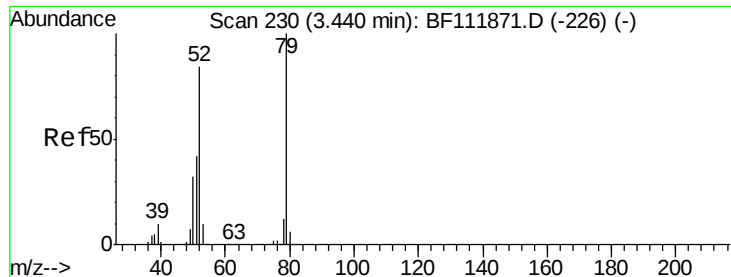


#2

1,4-Dioxane
Concen: 32.897 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	67.6	101.4
43	34.4	29.0	43.6





#3

Pvridine

Concen: 36.367 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

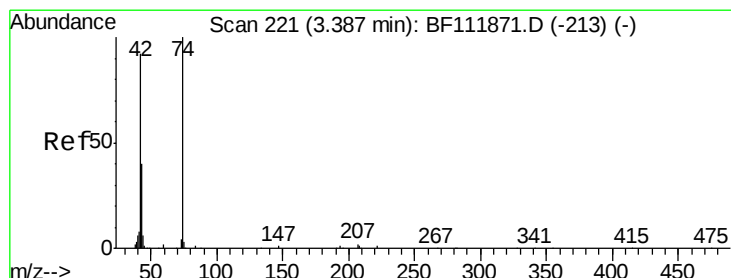
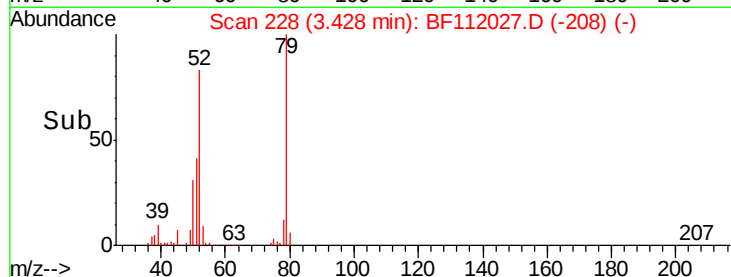
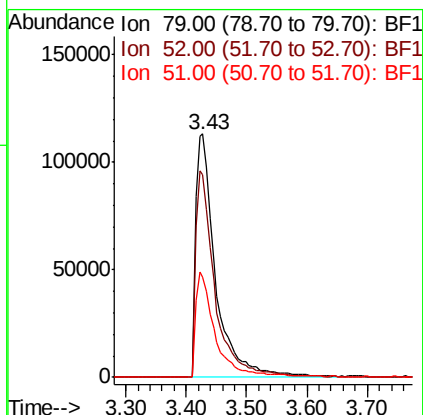
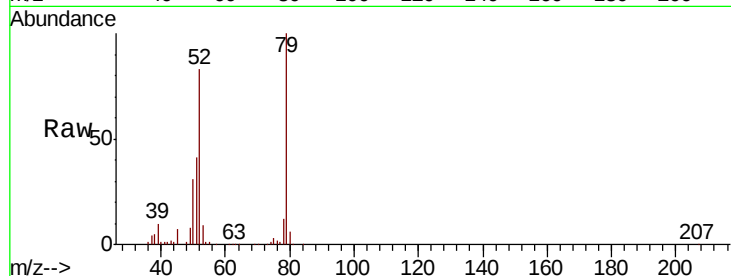
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	79	Resp:	261378
Ion Ratio	Lower	Upper	
79	100		
52	83.2	67.0	100.6
51	41.1	34.2	51.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.412 ng

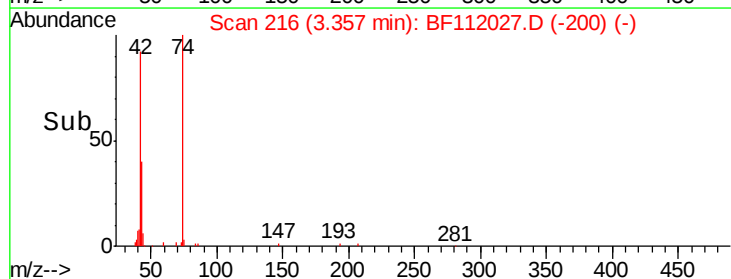
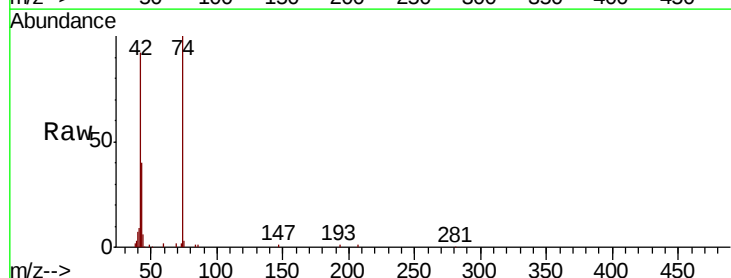
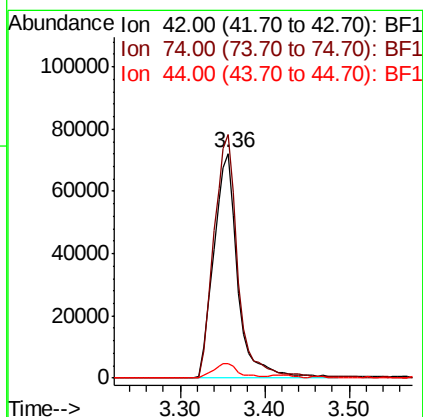
RT: 3.36 min Scan# 216

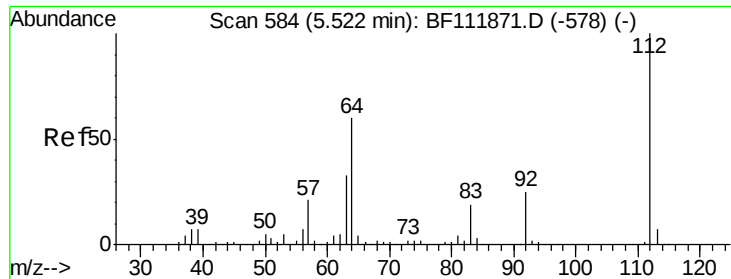
Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Tgt Ion:	42	Resp:	144513
Ion Ratio	Lower	Upper	
42	100		
74	108.4	87.0	130.6
44	6.2	5.5	8.3





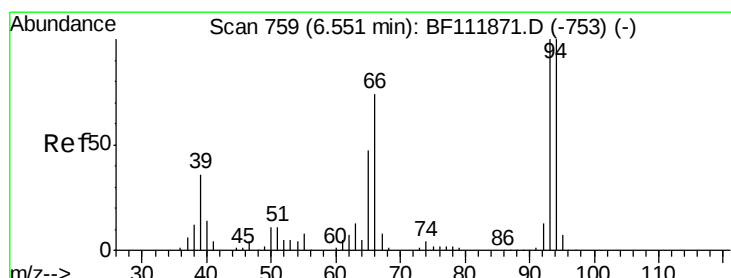
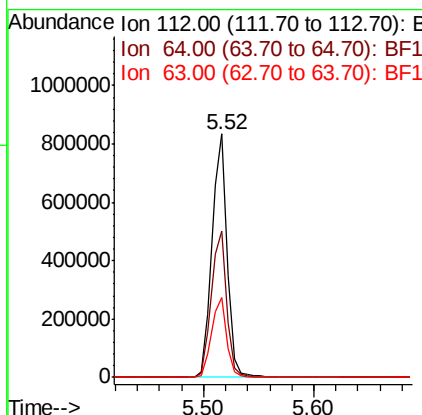
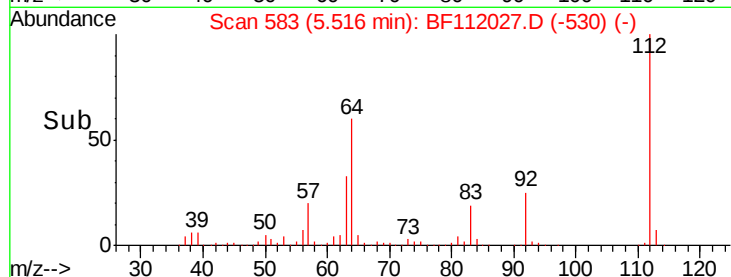
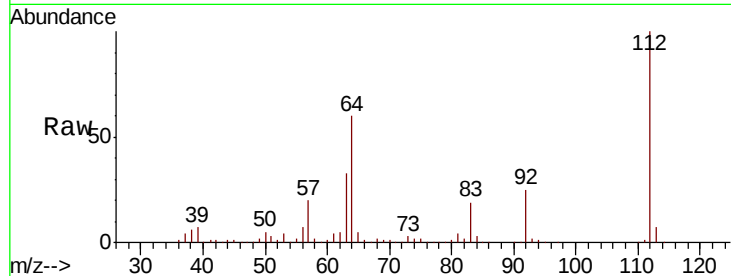
#5
2-Fluorophenol
Concen: 122.209 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Resp	Lower	Upper
112	100	775019		
64	59.9	48.3	72.5	
63	32.7	26.1	39.1	

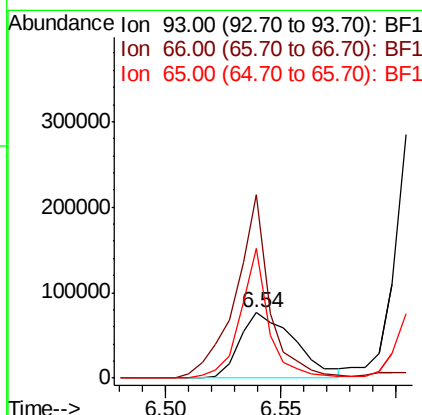
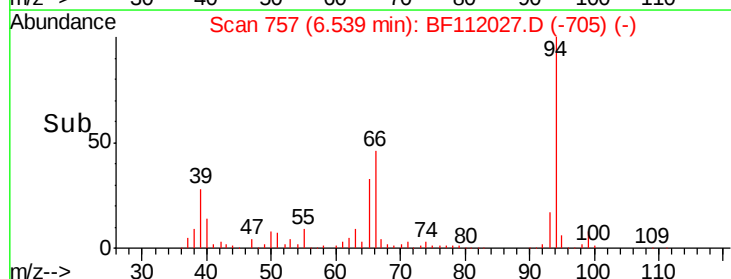
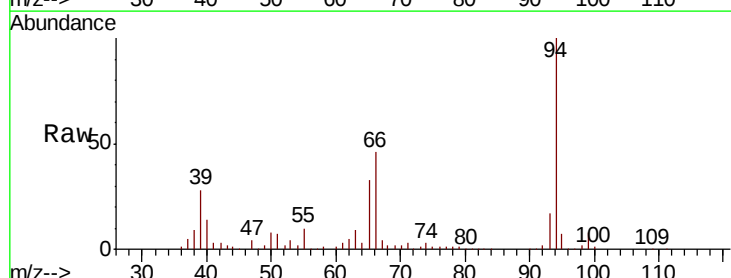
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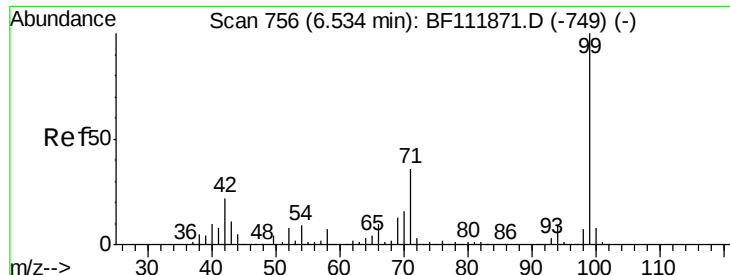
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#6
Aniline
Concen: 12.858 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	127083		
66	280.3	60.0	90.0#	
65	197.8	37.5	56.3#	





#7

Phenol-d6

Concen: 102.537 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

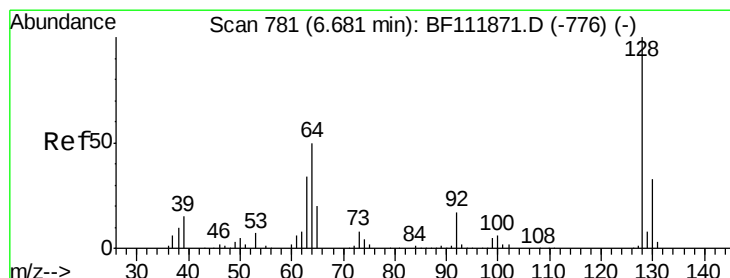
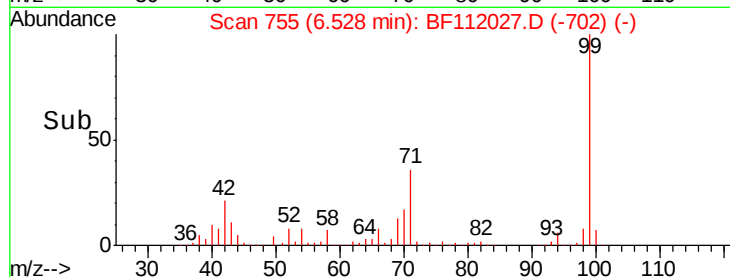
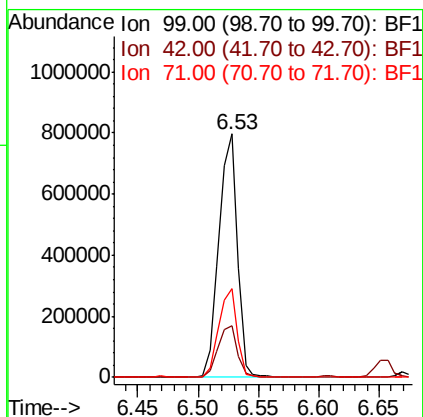
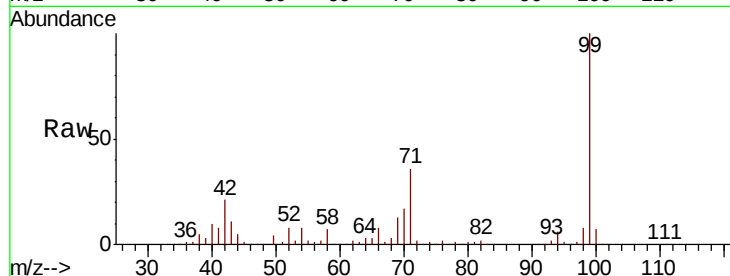
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	99	Resp:	838112
Ion Ratio	Lower	Upper	
99	100		
42	21.4	17.9	26.9
71	36.3	28.7	43.1

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#8

2-Chlorophenol

Concen: 36.655 ng

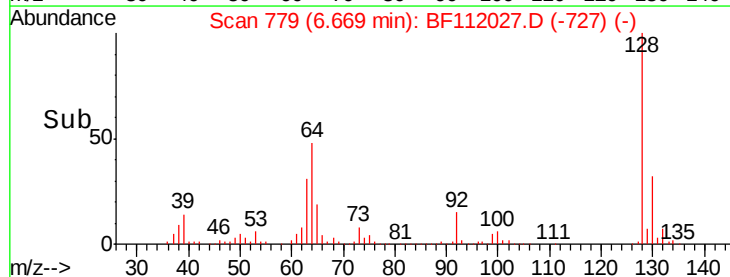
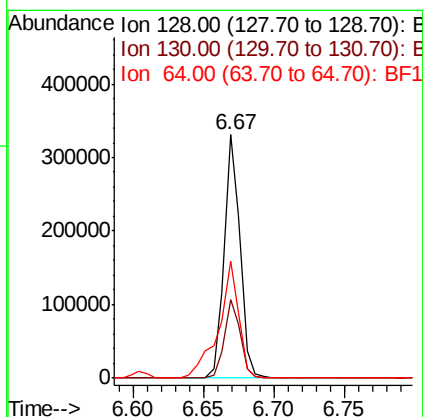
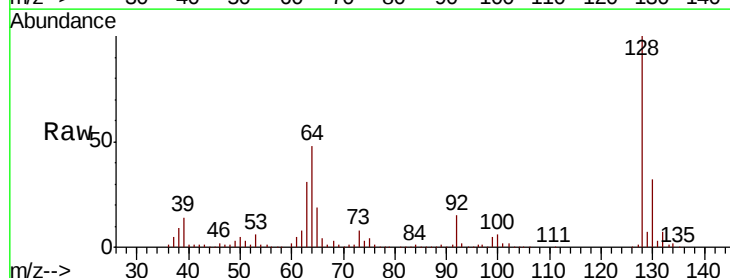
RT: 6.67 min Scan# 779

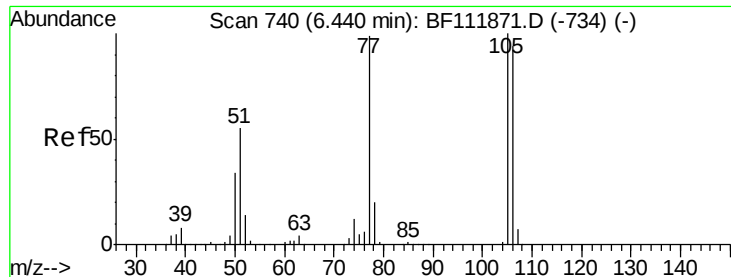
Delta R.T. 0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Tgt Ion:	128	Resp:	258121
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.7	52.7
64	48.2	31.8	71.8





#9

Benzaldehyde

Concen: 15.300 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

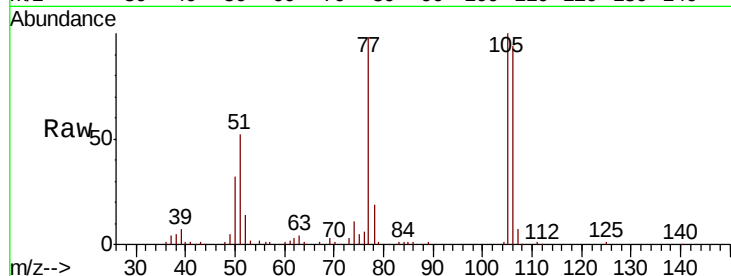
ClientSampleId :

CPSB-07(15-20)MS

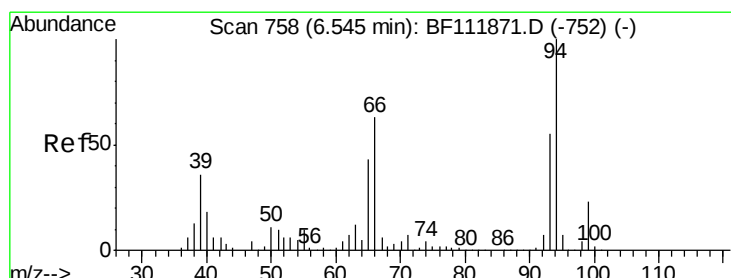
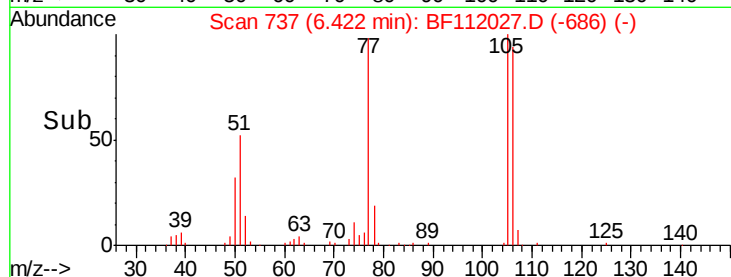
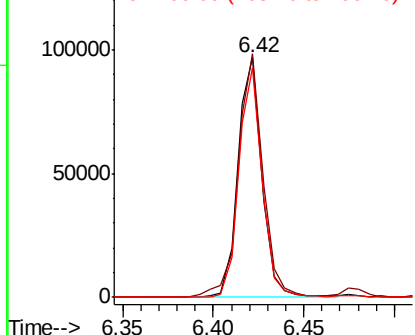
Tot Ion:	77	Resp:	88474
Ion	Ratio	Lower	Upper
77	100		
105	101.6	80.6	120.6
106	96.0	74.6	114.6

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.577 ng

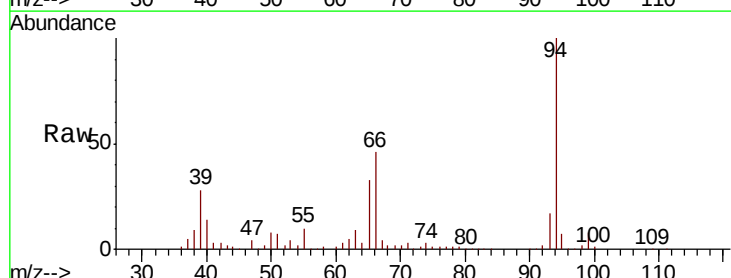
RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

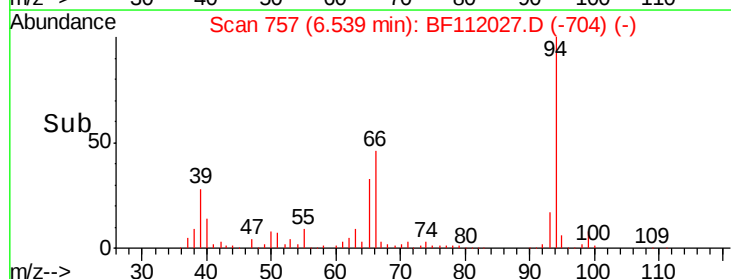
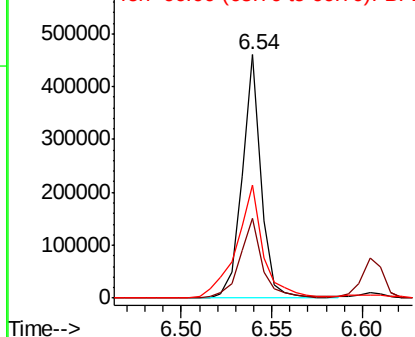
Lab File: BF112027.D

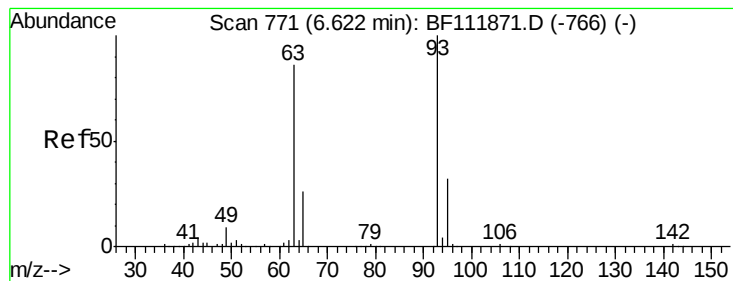
Acq: 11 Jan 2019 20:39

Tgt Ion:	94	Resp:	333831
Ion	Ratio	Lower	Upper
94	100		
65	32.8	22.8	62.8
66	46.5	43.3	83.3



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





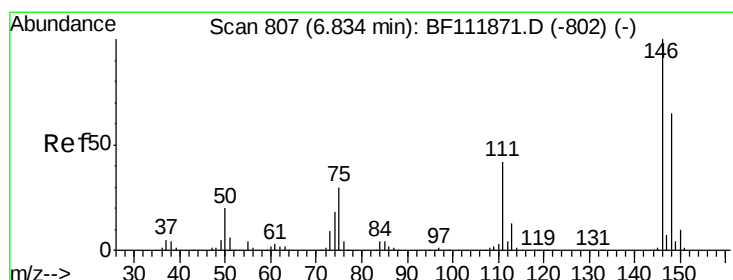
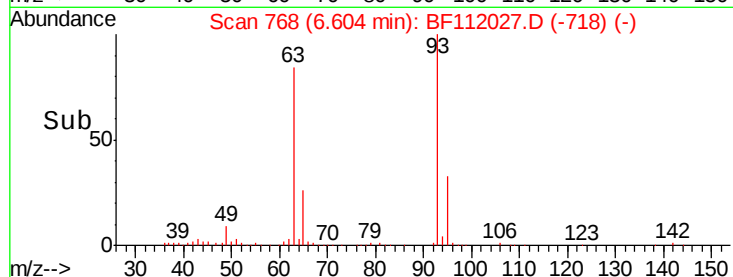
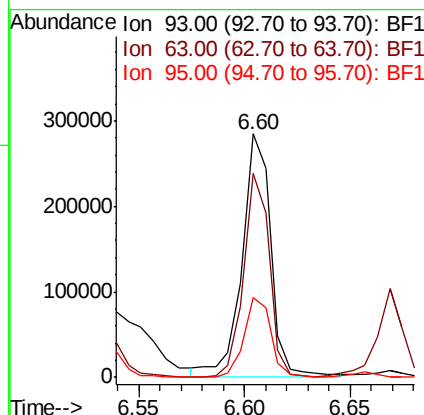
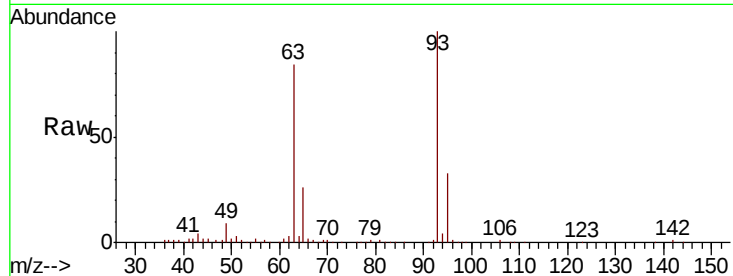
#11
bis(2-Chloroethyl)ether
Concen: 39.151 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.0	65.2	105.2
95	32.6	11.9	51.9

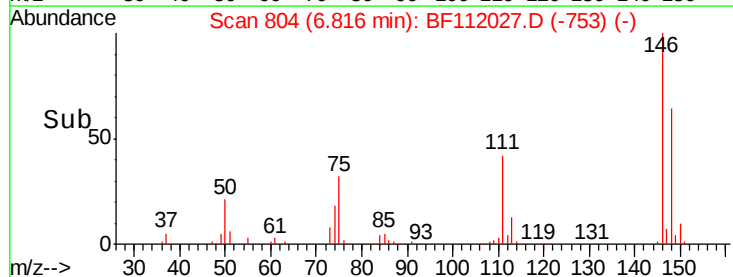
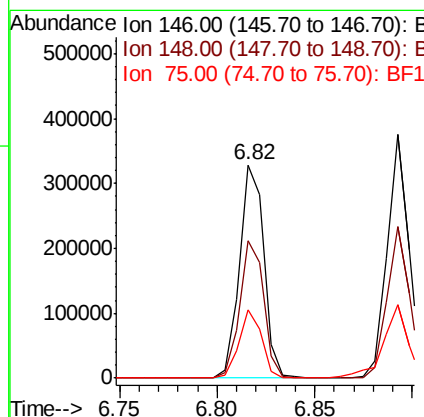
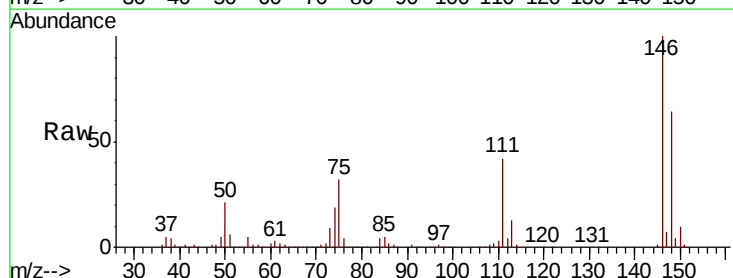
Manual Integrations
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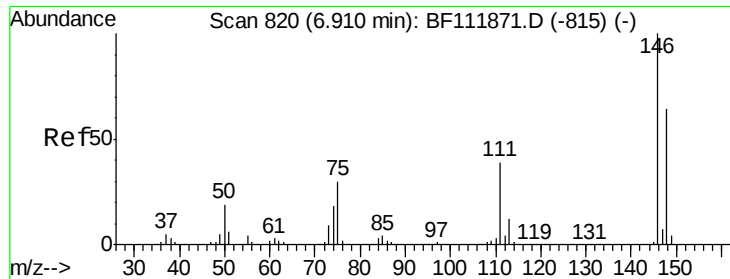
Sohil
1/14/2019 4:10:31 PM



#12
1,3-Dichlorobenzene
Concen: 34.908 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
75	32.0	24.3	36.5





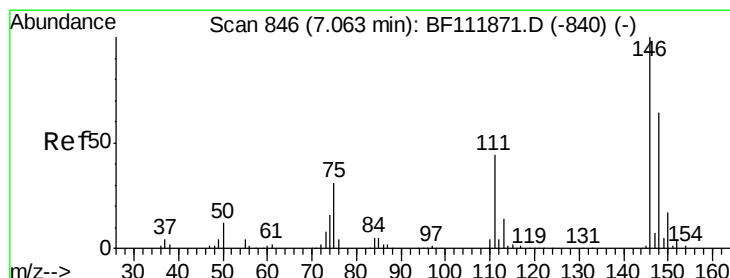
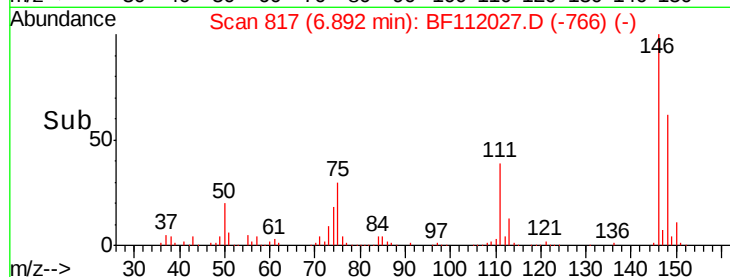
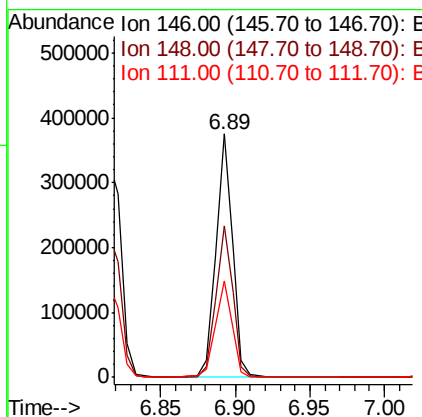
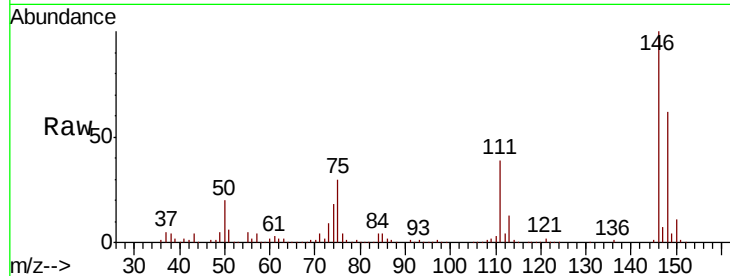
#13
 1,4-Dichlorobenzene
 Concen: 35.013 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.2	76.8
111	39.4	31.5	47.3

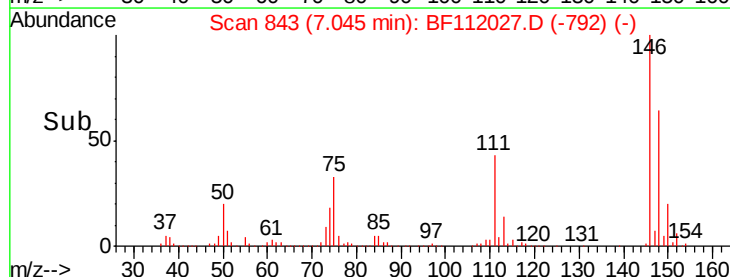
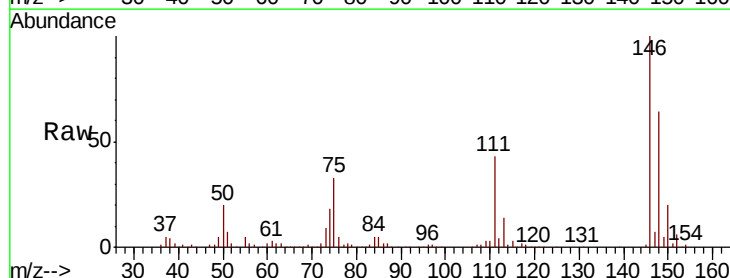
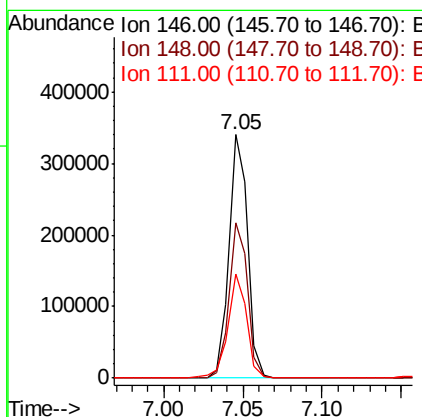
Manual Integrations
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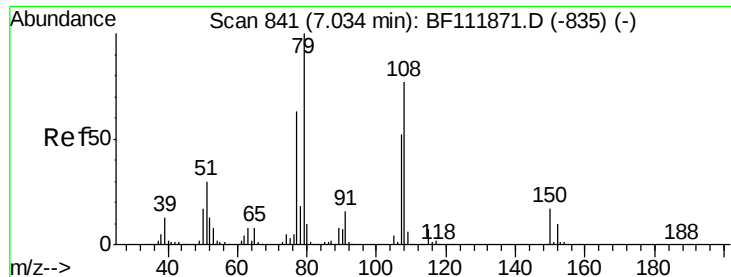
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 34.775 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.5	77.3
111	42.9	35.5	53.3





#15

Benzyl Alcohol

Concen: 34.982 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

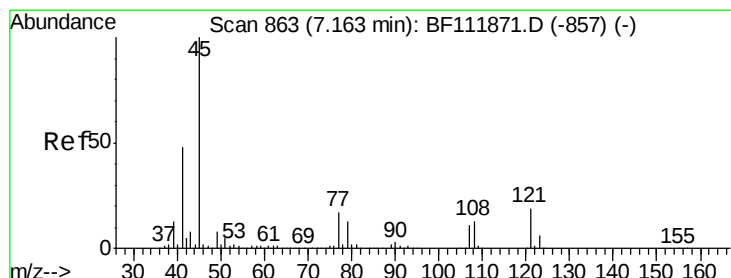
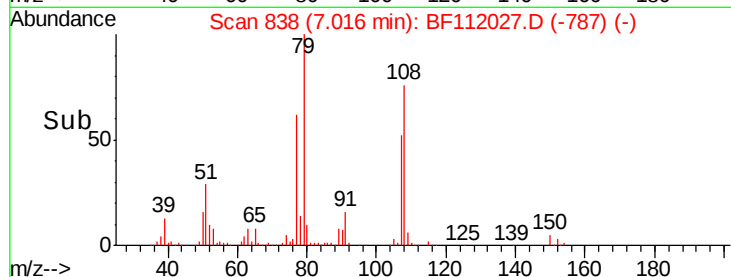
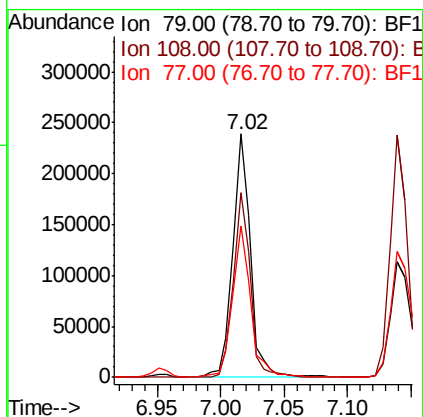
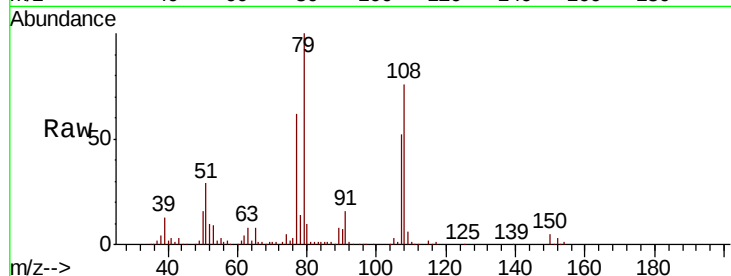
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	79	Resp:	226240
Ion Ratio	Lower	Upper	
79	100		
108	76.1	61.4	92.0
77	62.1	50.4	75.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.620 ng

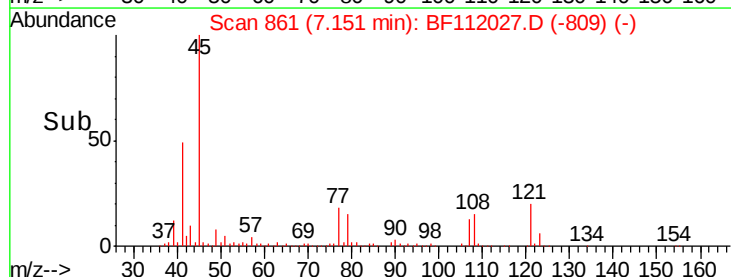
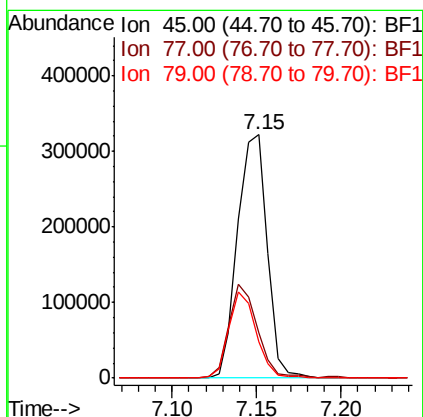
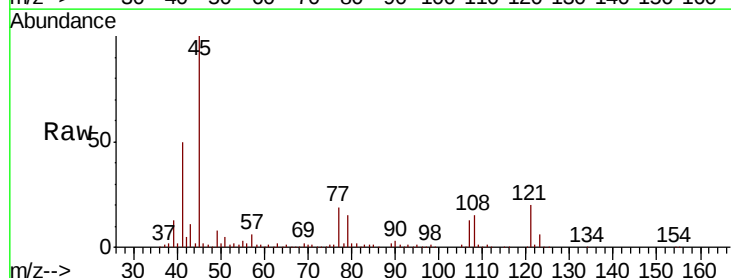
RT: 7.15 min Scan# 861

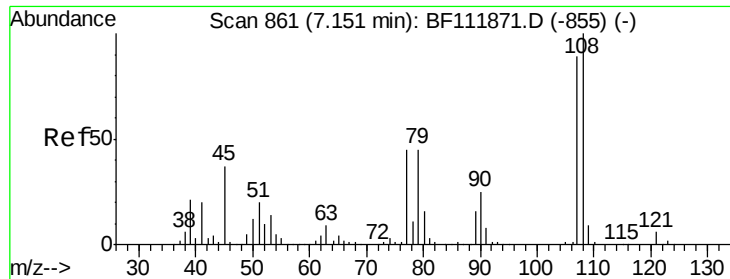
Delta R.T. 0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Tgt Ion:	45	Resp:	393949
Ion Ratio	Lower	Upper	
45	100		
77	18.5	0.0	37.1
79	15.0	0.0	33.9





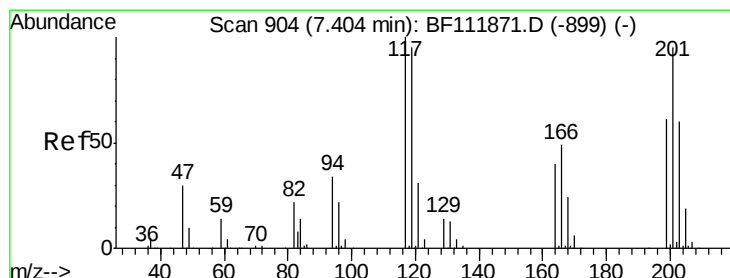
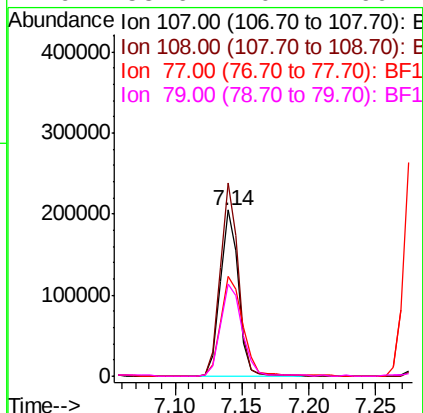
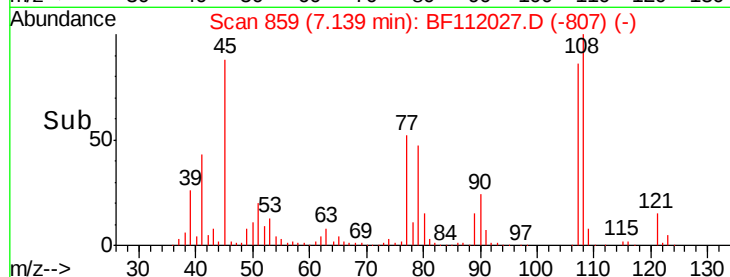
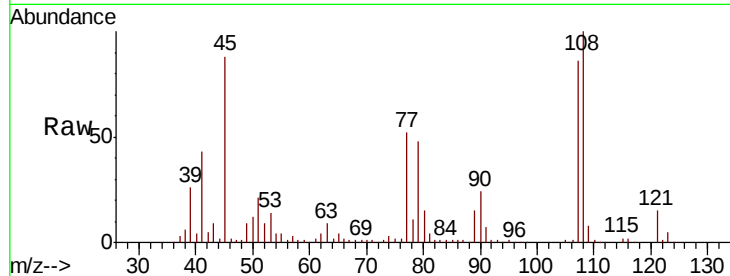
#17
2-Methylphenol
Concen: 34.949 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100	197799		
108	116.3	89.7	134.5	
77	60.3	40.6	60.8	
79	55.6	40.2	60.2	

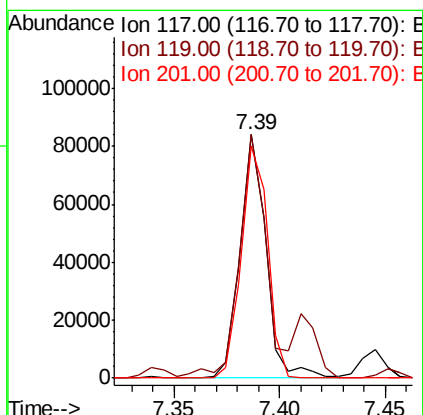
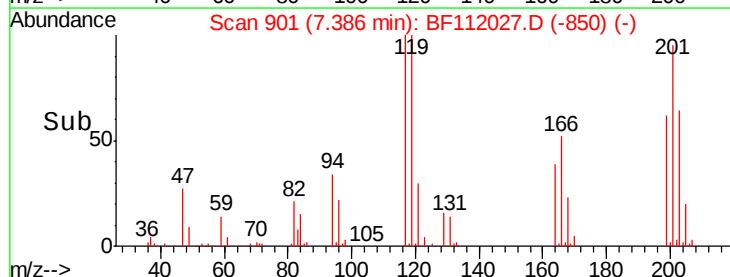
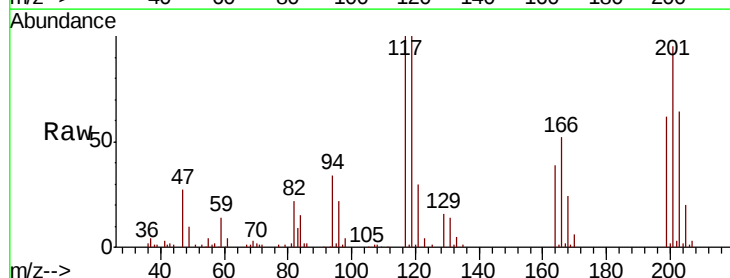
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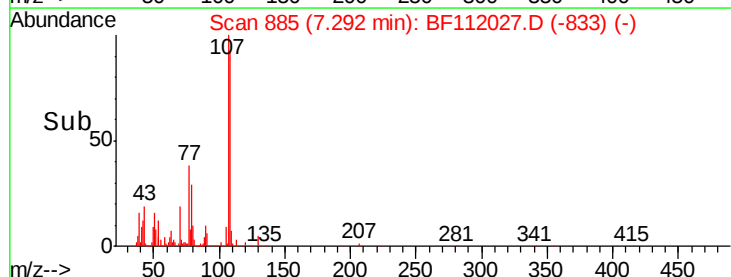
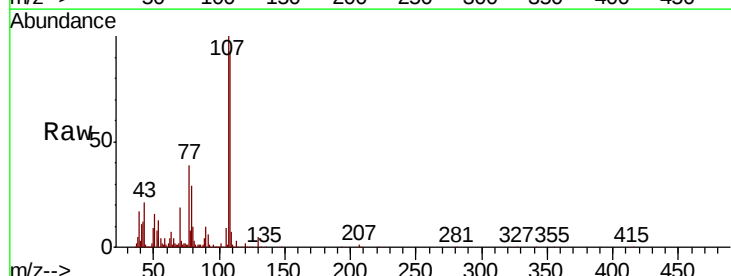
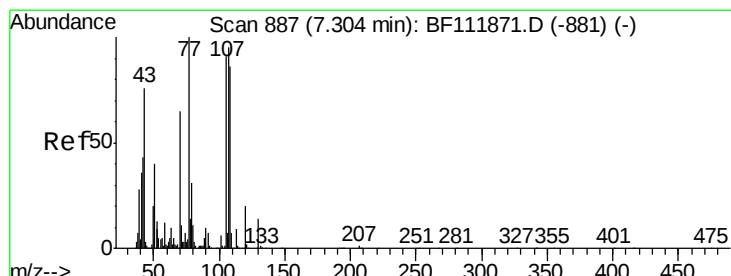
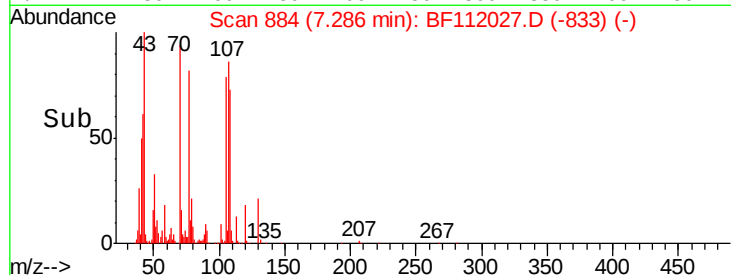
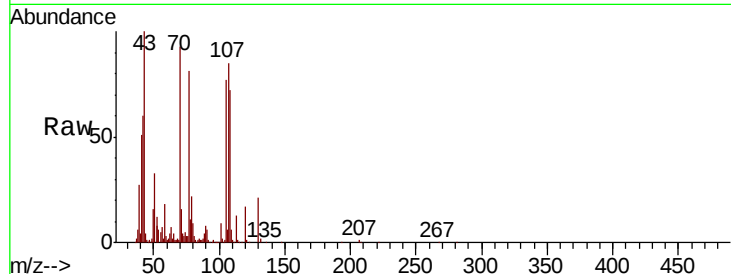
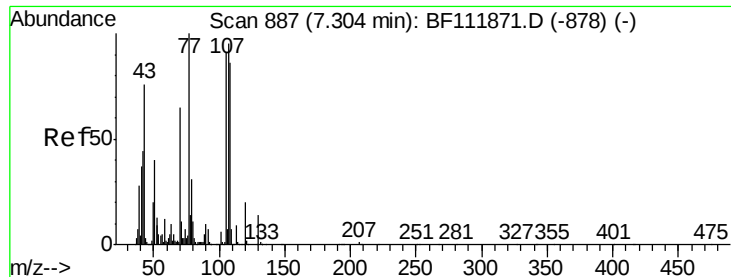
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#18
Hexachloroethane
Concen: 24.698 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	71436		
119	100.0	76.2	114.2	
201	95.4	75.7	113.5	

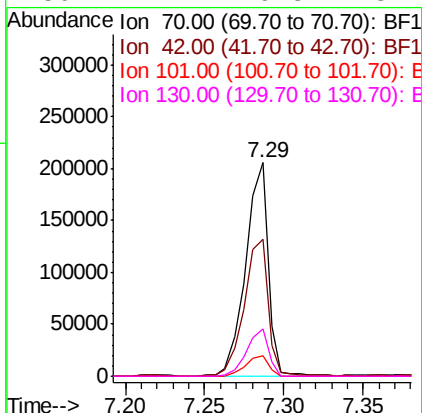




#19
n-Nitroso-di-n-propylamine
Concen: 37.918 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.3	53.6	80.4
101	9.7	7.3	10.9
130	22.2	16.8	25.2

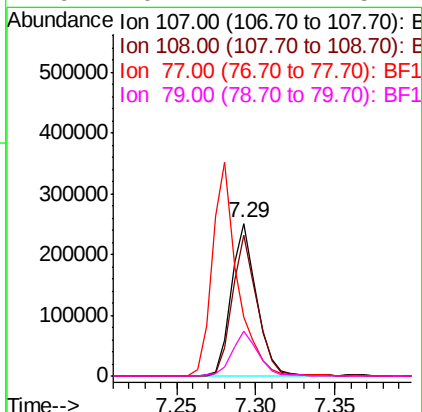


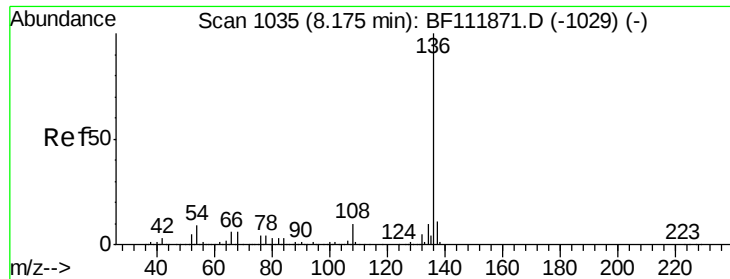
Manual Integrations
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#20
3+4-Methylphenols
Concen: 39.619 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.8	71.1	111.1
77	38.8	85.4	125.4#
79	29.4	12.4	52.4





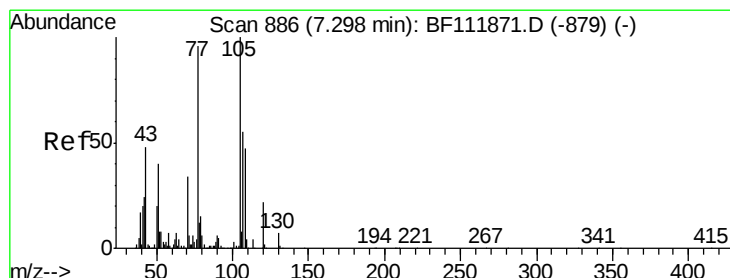
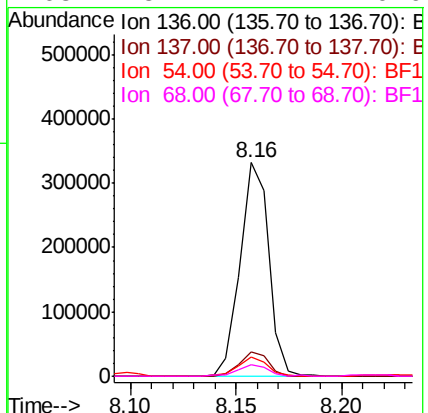
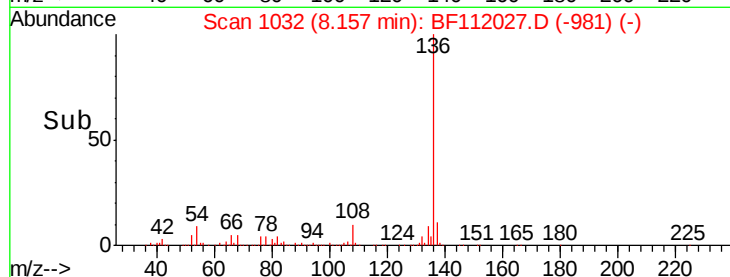
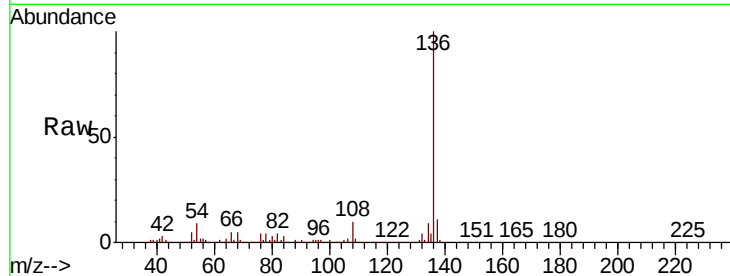
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		312550		
137	11.2		9.1	13.7	
54	8.9		7.2	10.8	
68	5.4		4.4	6.6	

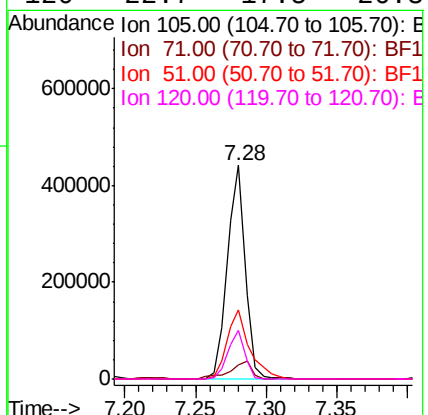
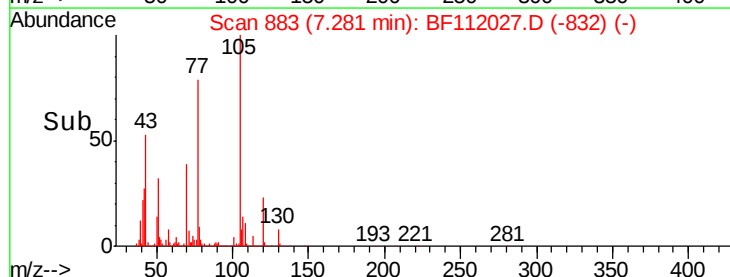
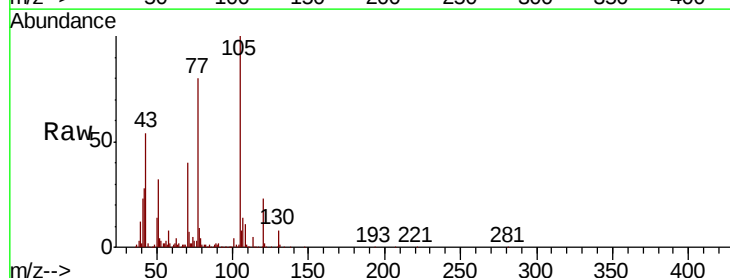
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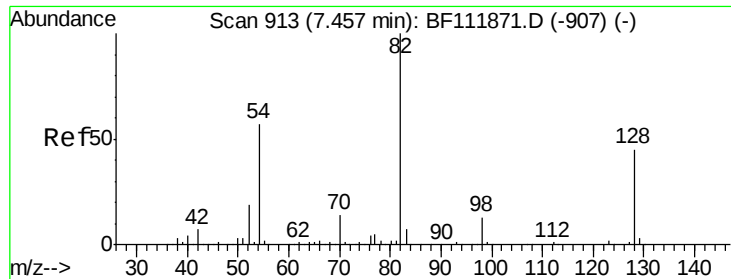
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#22
Acetophenone
Concen: 49.150 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		388916		
71	6.9		4.6	6.8#	
51	32.1		32.2	48.2#	
120	22.7		17.5	26.3	





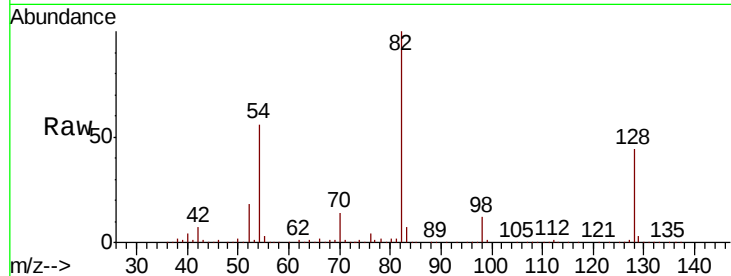
#23
Nitrobenzene-d5
Concen: 96.932 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

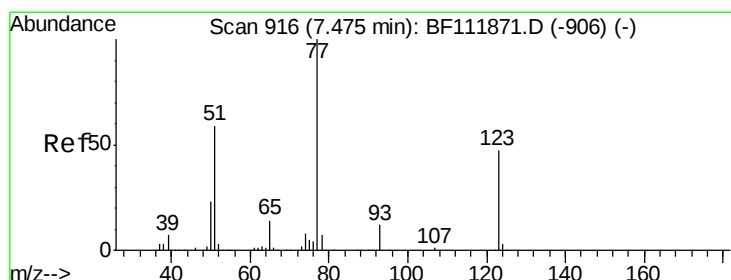
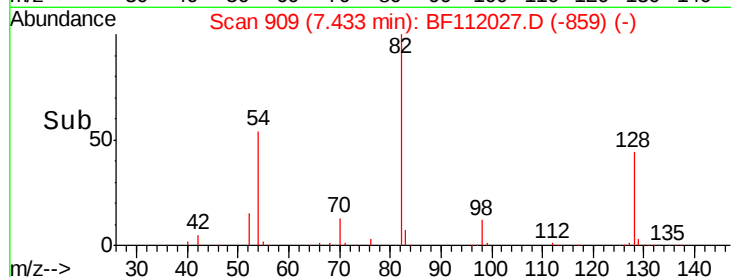
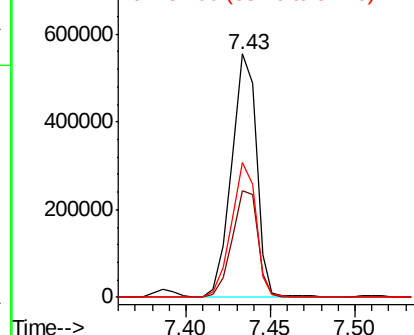
Tot Ion	Ratio	Resp	Lower	Upper
82	100	566859		
128	43.8	35.7	53.5	
54	55.6	45.8	68.8	

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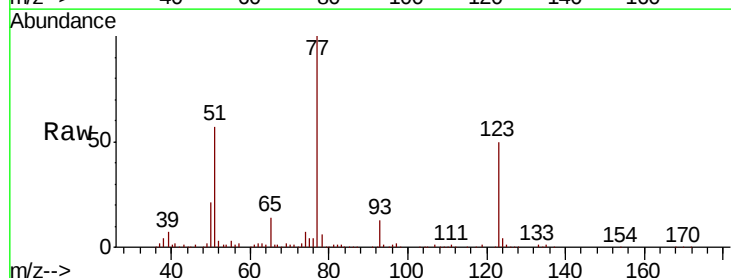


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

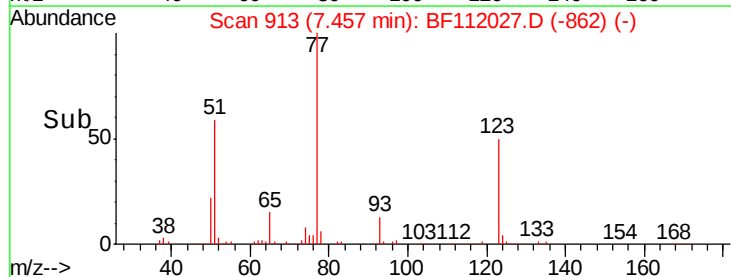
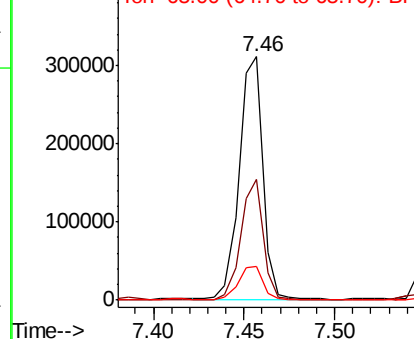


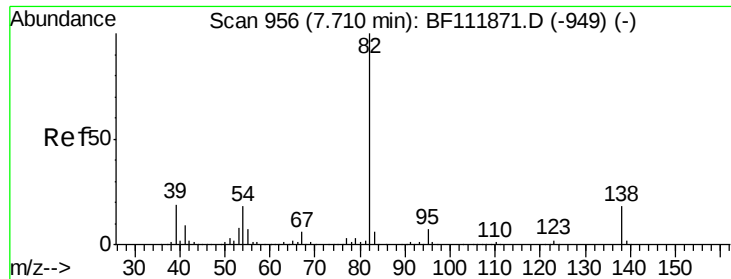
#24
Nitrobenzene
Concen: 47.483 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	280901		
123	49.6	38.1	57.1	
65	14.1	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: 41.118 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

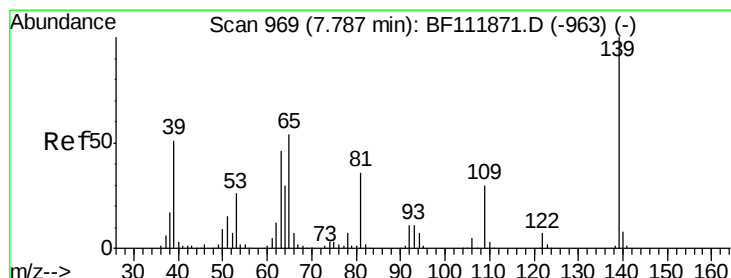
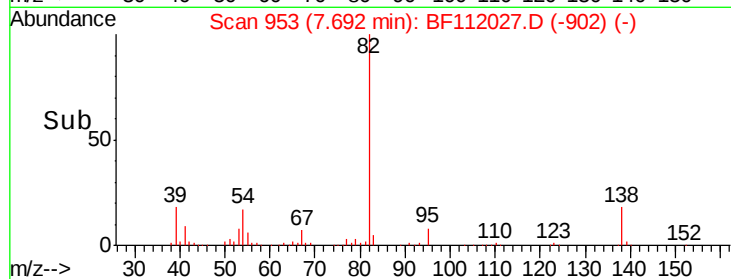
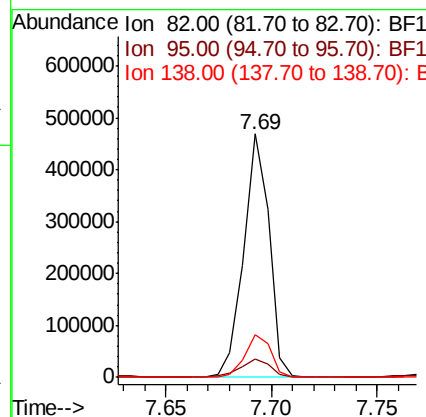
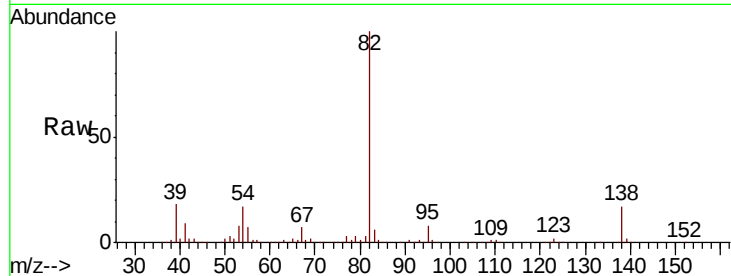
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	82	Resp:	389383
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.8	8.6
138	17.3	14.4	21.6

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#26

2-Nitrophenol

Concen: 32.596 ng

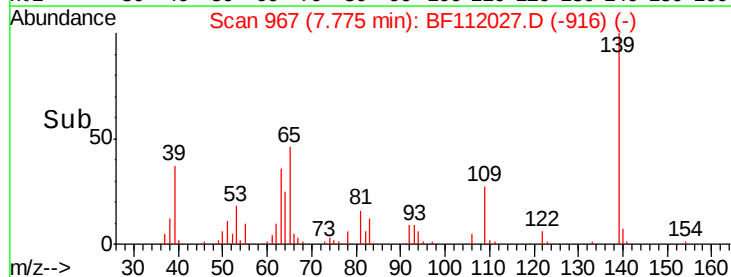
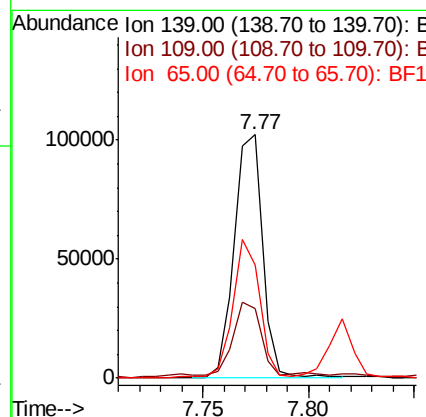
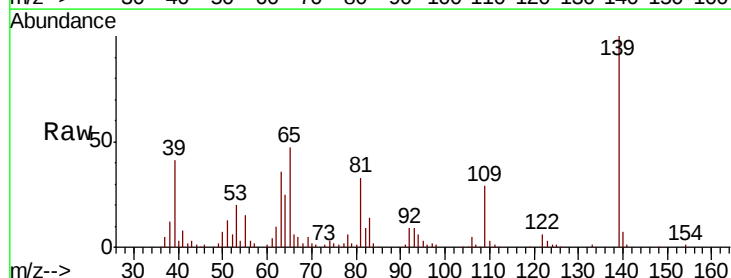
RT: 7.77 min Scan# 967

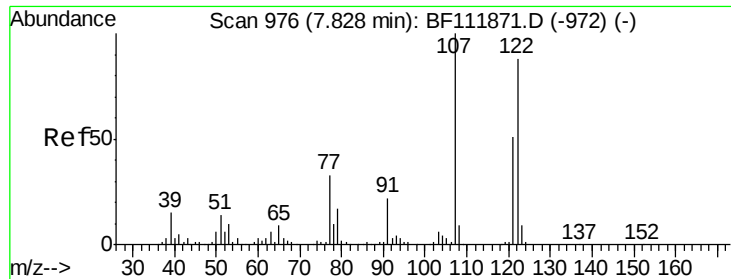
Delta R.T. -0.00 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Tgt Ion:	139	Resp:	94946
Ion Ratio	Lower	Upper	
139	100		
109	28.8	24.1	36.1
65	46.6	43.6	65.4





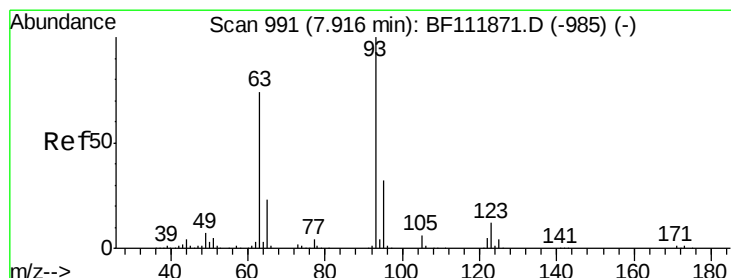
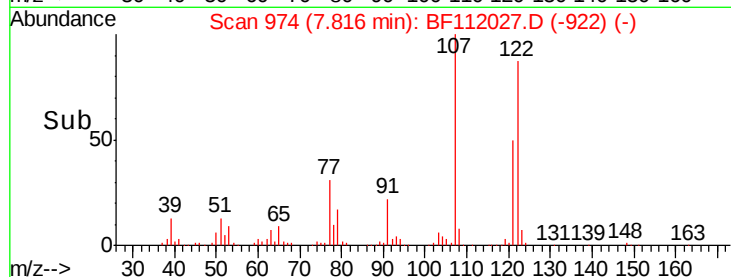
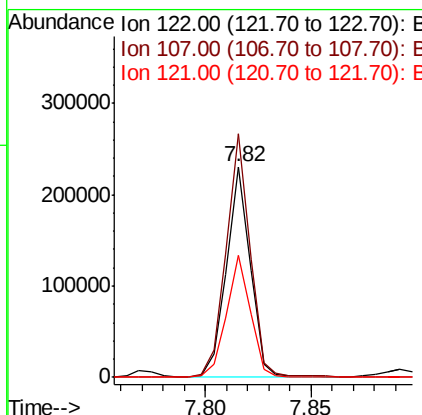
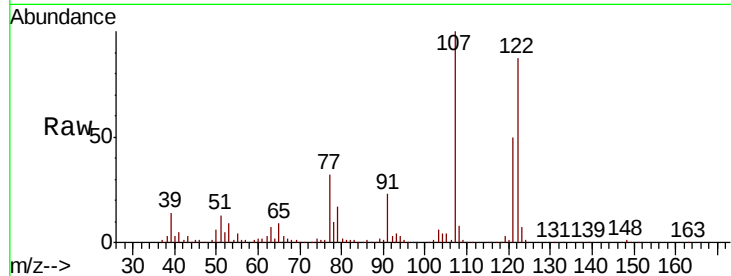
#27
2,4-Dimethylphenol
Concen: 42.973 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	91.0	136.6
121	57.8	46.8	70.2

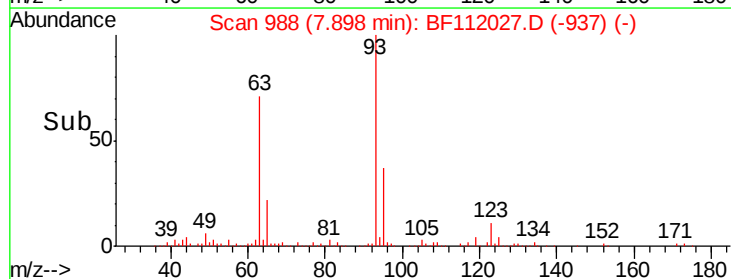
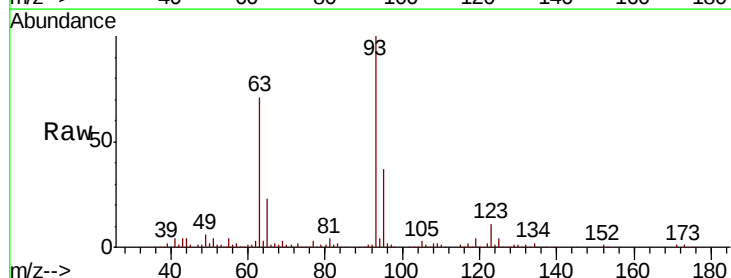
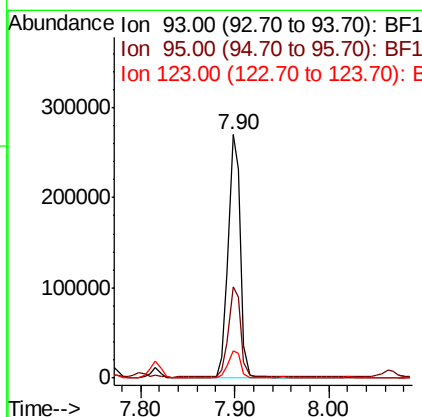
Manual Integrations
APPROVED

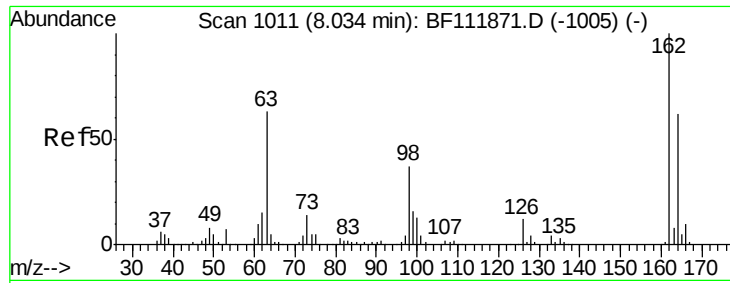
Sohil
1/14/2019 4:10:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.087 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	37.4	25.8	38.6
123	11.1	9.5	14.3





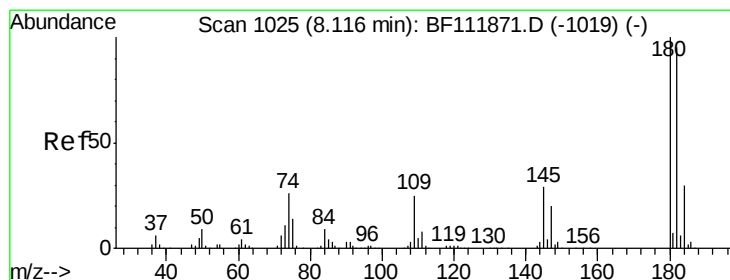
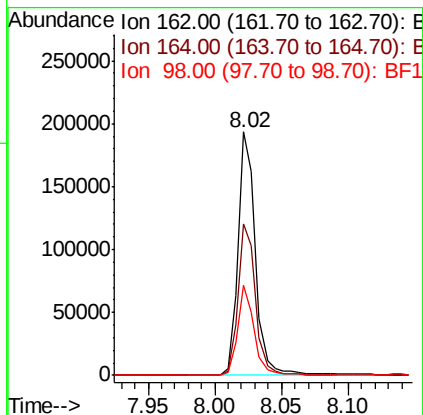
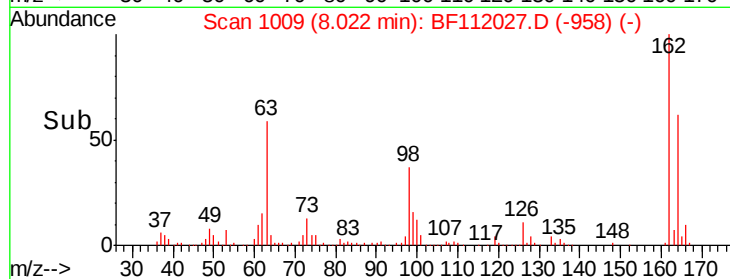
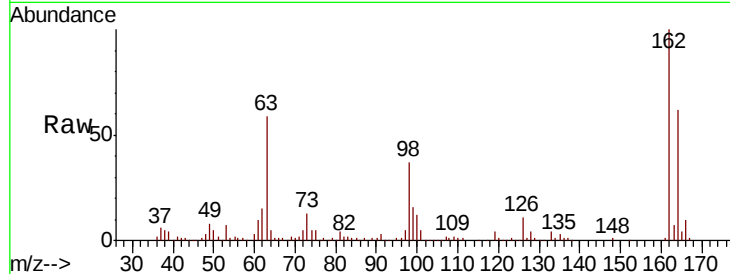
#29
2,4-Dichlorophenol
Concen: 36.559 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.1	82.1
98	37.0	17.2	57.2

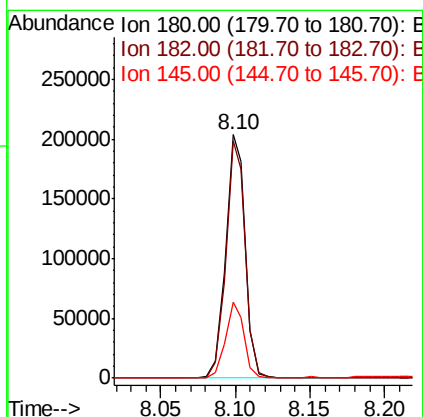
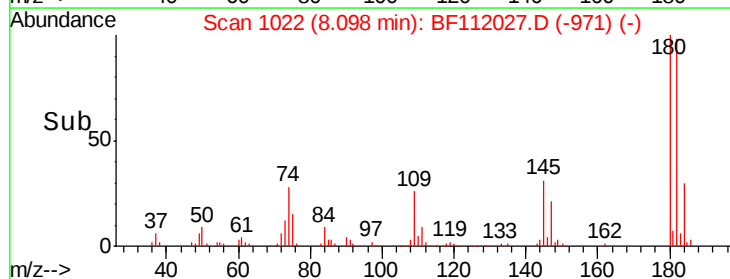
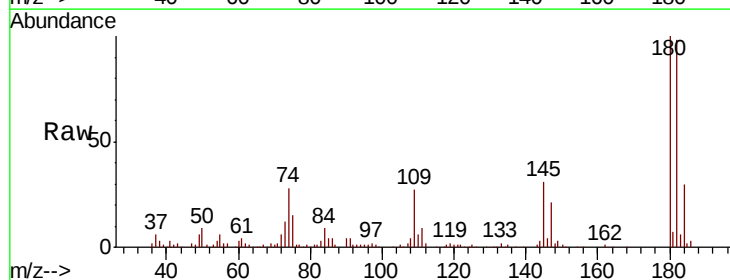
Manual Integrations
APPROVED

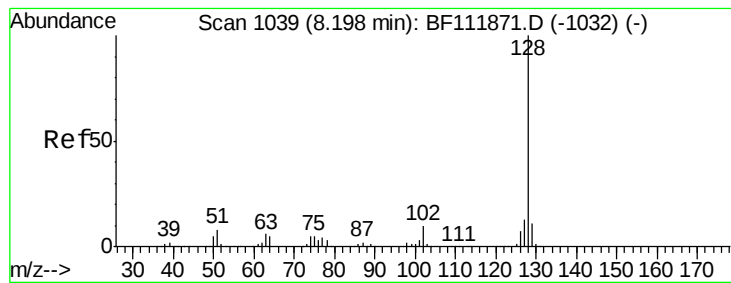
Sohil
1/14/2019 4:10:31 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.379 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.2	114.4
145	31.1	23.4	35.2





#31

Naphthalene

Concen: 64.186 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

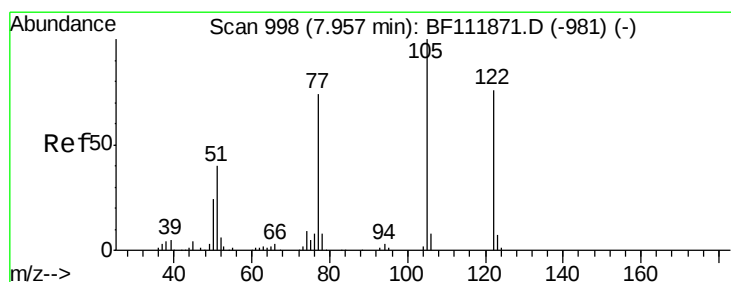
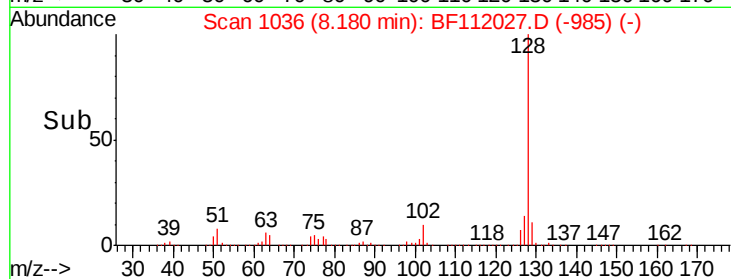
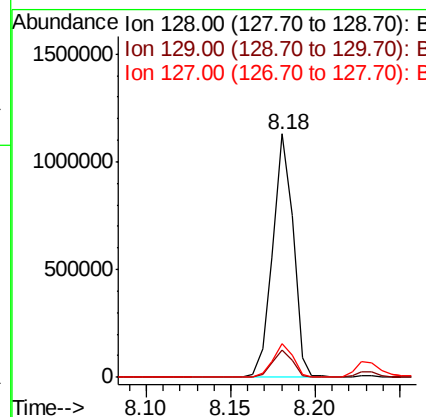
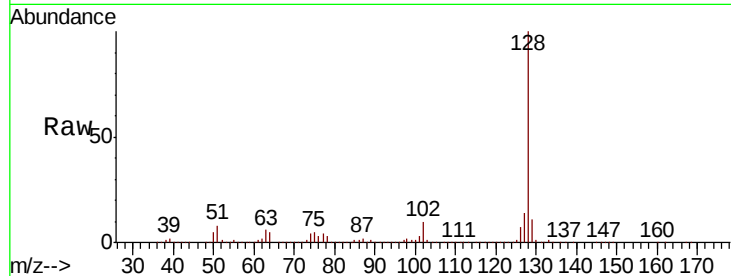
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	128	Resp:	952325
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.4
127	13.6	10.7	16.1

Manual Integrations
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#32

Benzoic acid

Concen: 5.299 ng m

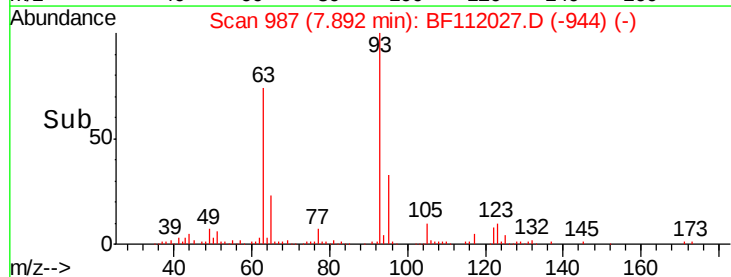
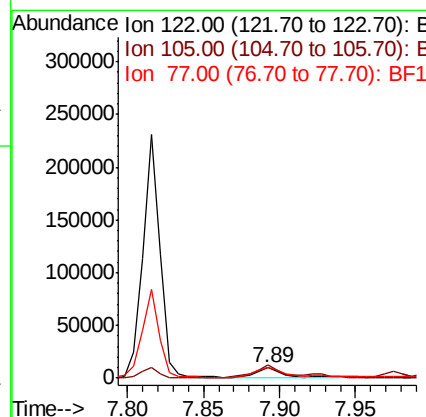
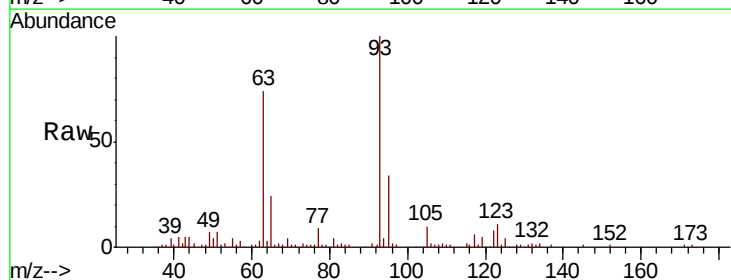
RT: 7.89 min Scan# 987

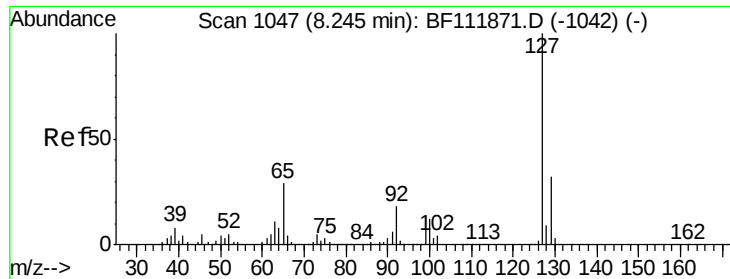
Delta R.T. -0.05 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Tgt Ion:	122	Resp:	14483
Ion Ratio	Lower	Upper	
122	100		
105	126.3	107.9	147.9
77	109.6	76.6	116.6





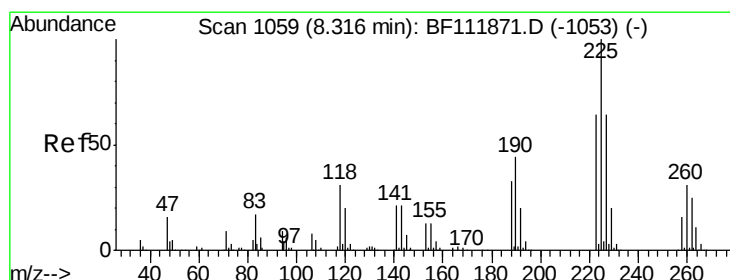
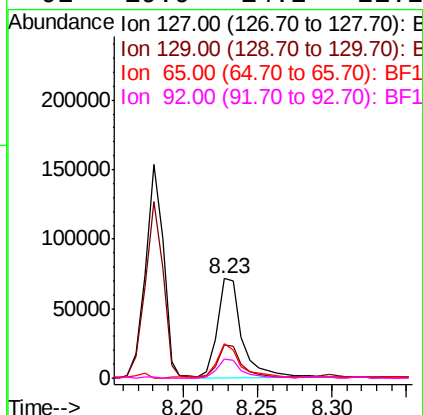
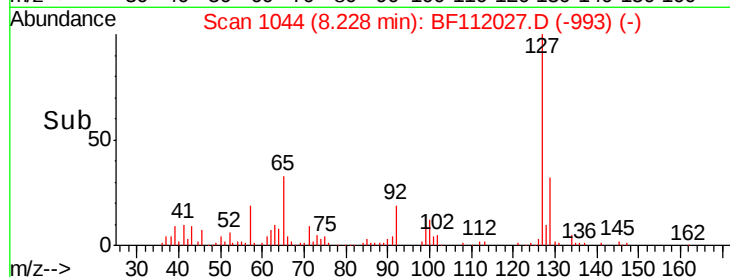
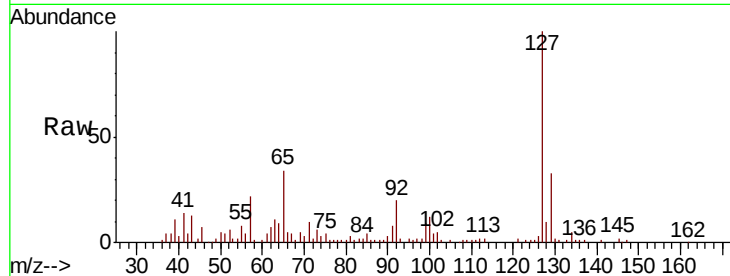
#33
4-Chloroaniline
Concen: 12.941 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	25.8	38.6		
65	34.2	23.5	35.3		
92	19.9	14.2	21.2		

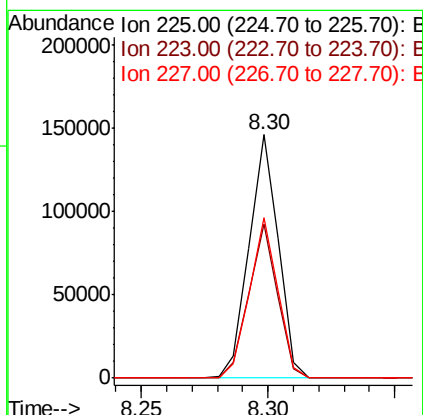
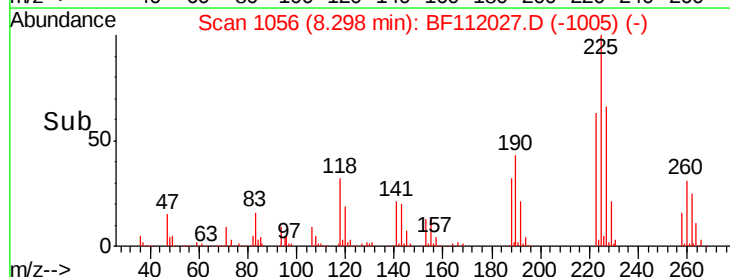
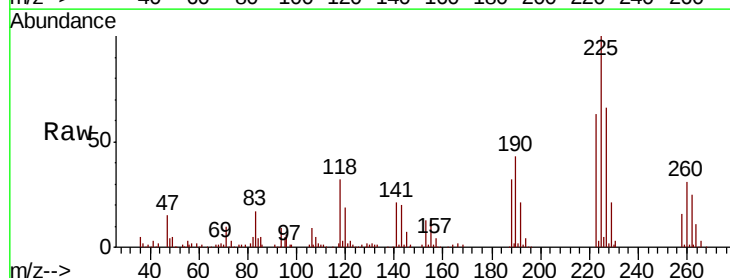
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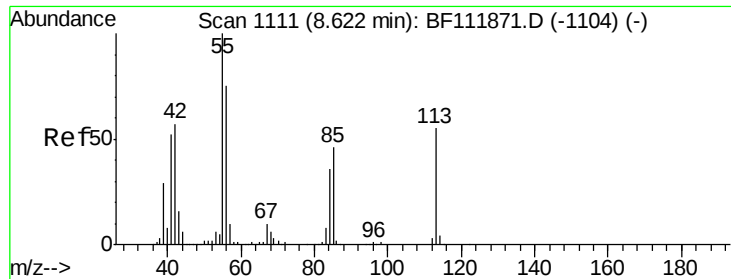
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#34
Hexachlorobutadiene
Concen: 35.386 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	50.9	76.3		
227	65.8	51.4	77.0		





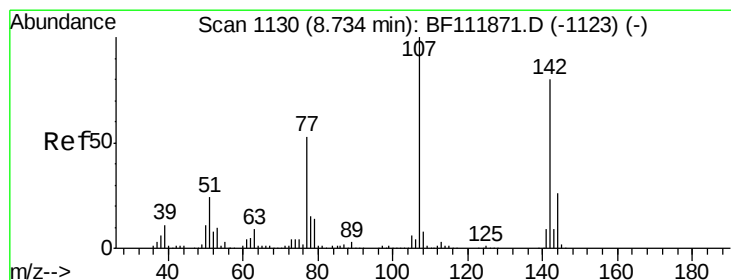
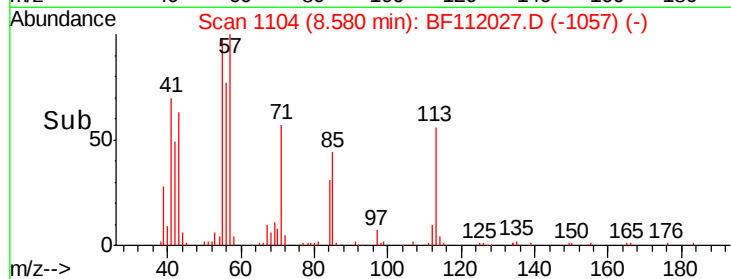
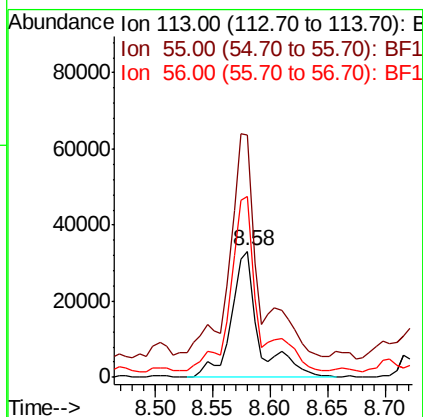
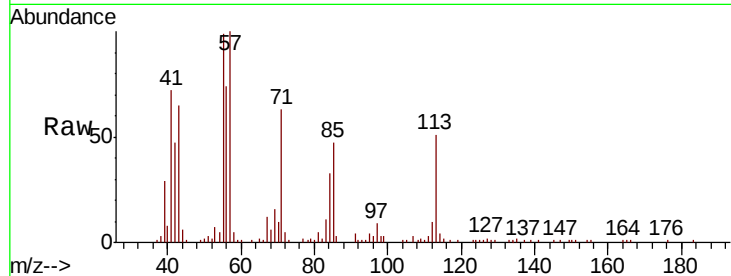
#35
Caprolactam
Concen: 34.880 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	192.4	162.0	202.0
56	143.8	116.0	156.0

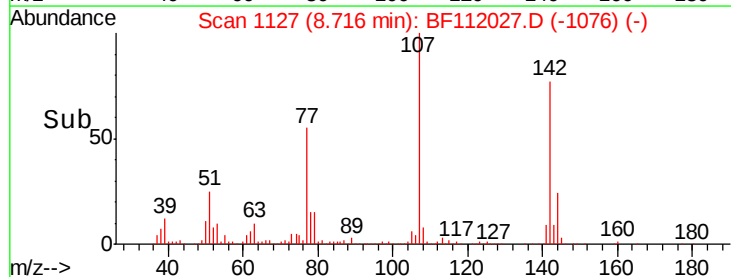
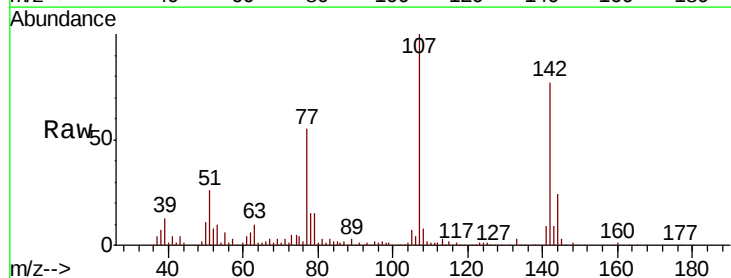
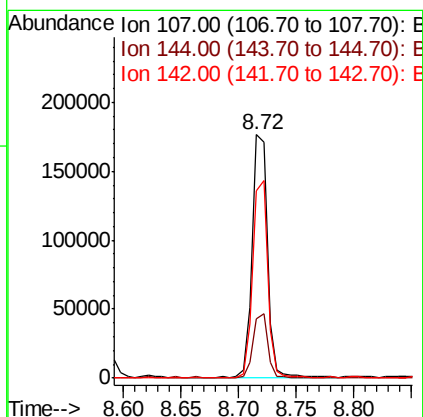
Manual Integrations
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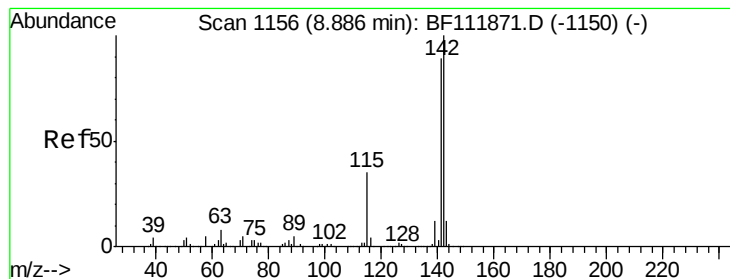
Sohil
1/14/2019 4:10:31 PM



#36
4-Chloro-3-methylphenol
Concen: 33.651 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	20.7	31.1
142	76.7	63.9	95.9





#37

2-Methylnaphthalene

Concen: 45.924 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

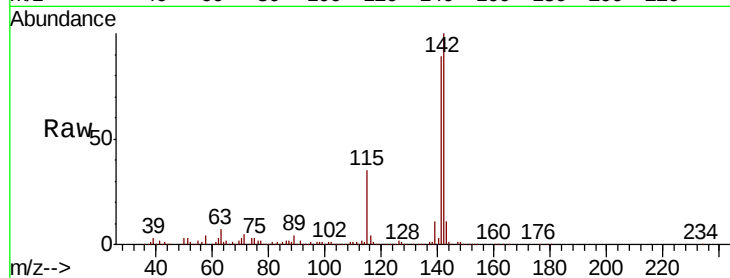
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	142	Resp:	422202
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.4	107.2
115	34.5	28.3	42.5

Manual Integrations
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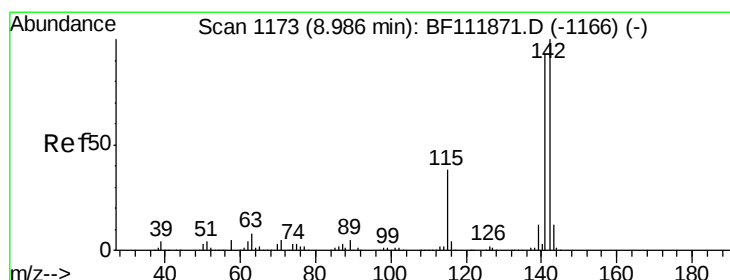
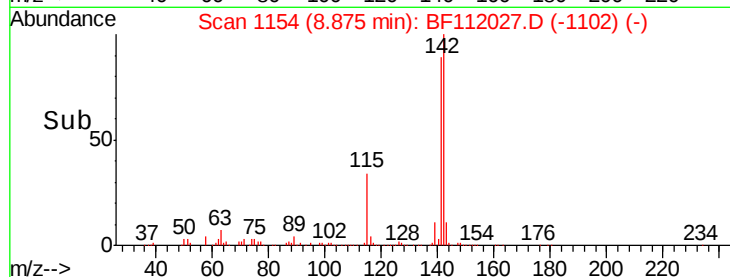
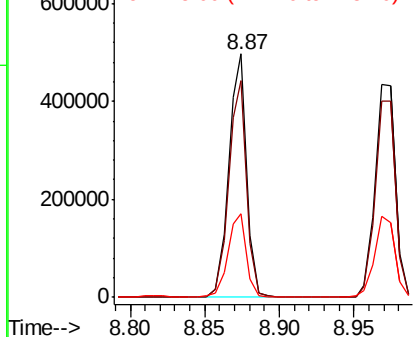


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.247 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

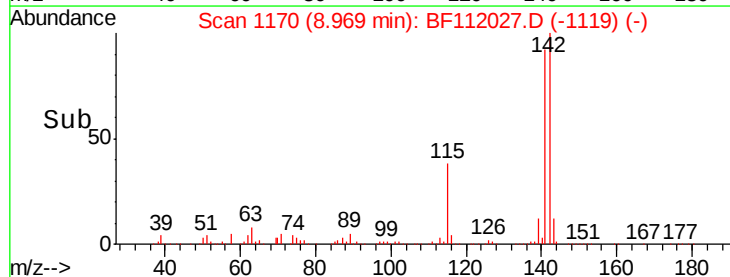
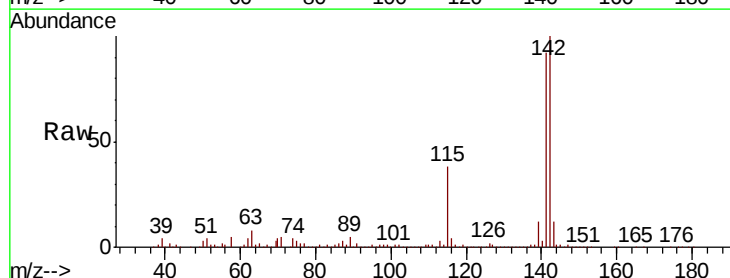
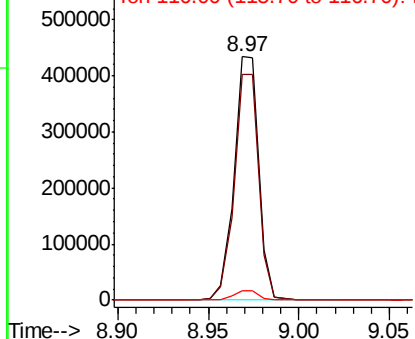
Tgt Ion:	142	Resp:	407801
Ion Ratio	Lower	Upper	
142	100		
141	92.5	74.8	112.2
116	4.0	3.1	4.7

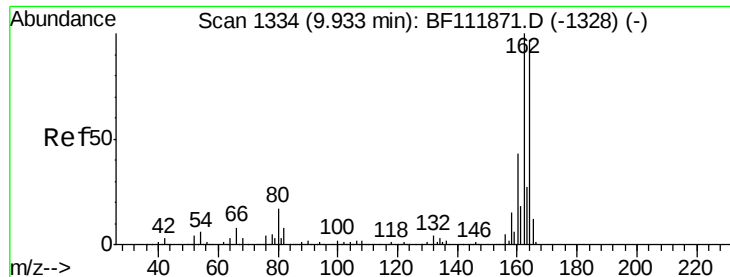
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





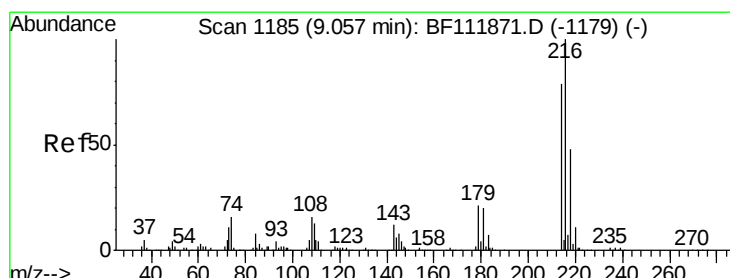
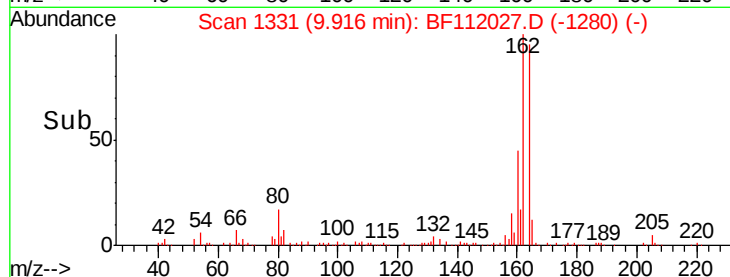
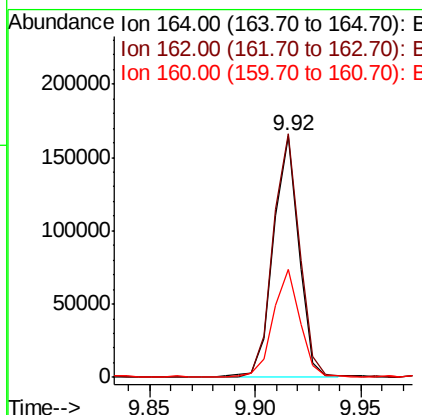
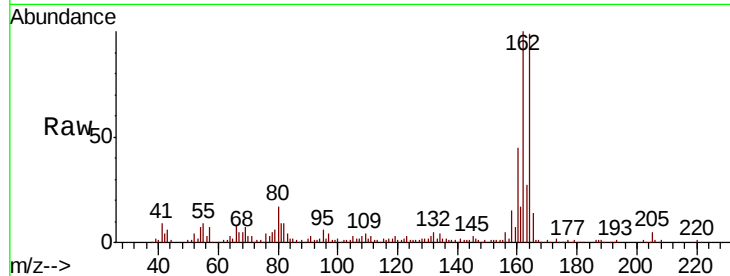
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	44.9	35.5	53.3

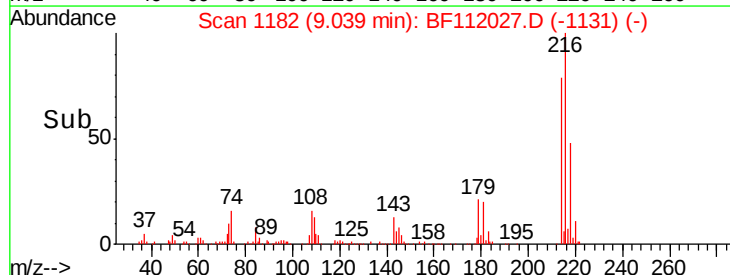
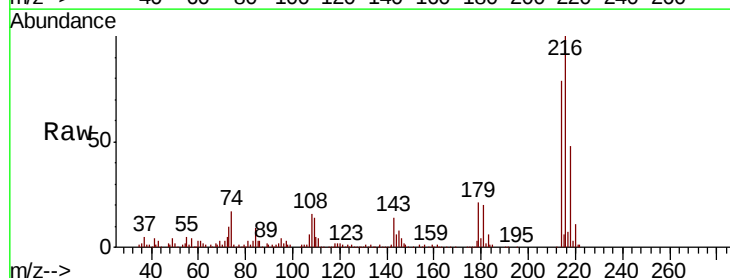
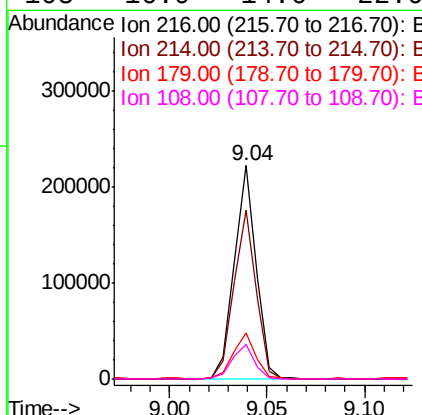
Manual Integrations
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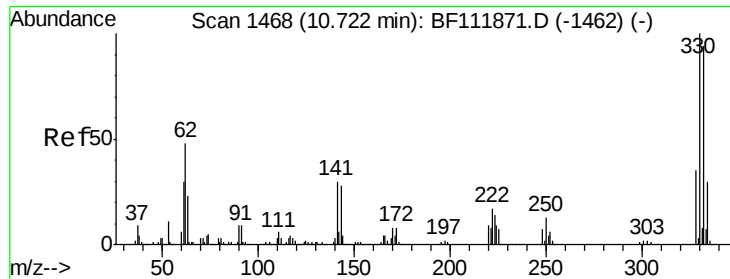
Sohil
1/14/2019 4:10:31 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.666 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.5	95.3
179	21.3	17.0	25.6
108	16.9	14.6	22.0





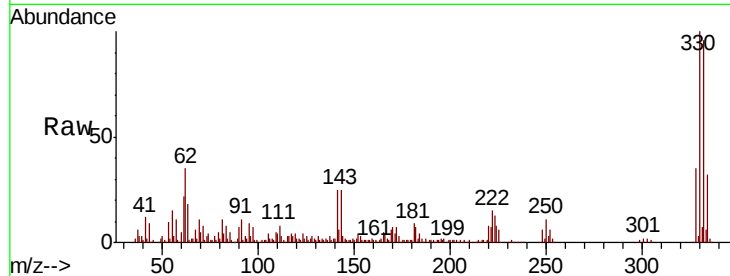
#42
 2,4,6-Tribromophenol
 Concen: 103.343 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	184003		
332	96.9	76.9	115.3	
141	29.2	23.7	35.5	

Manual Integrations
 APPROVED

Sohil
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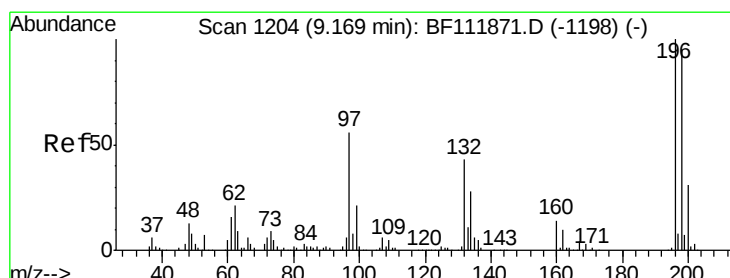
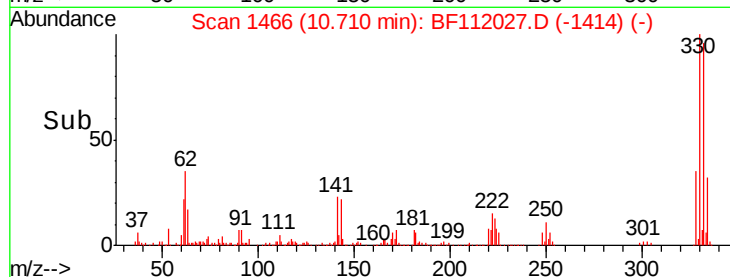
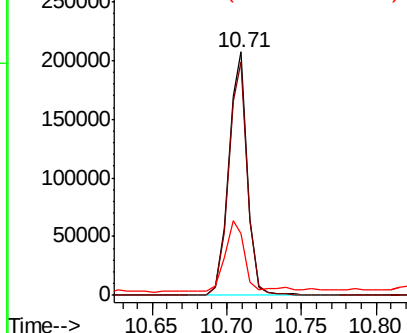


Abundance

Ion 329.80 (329.50 to 330.50): E

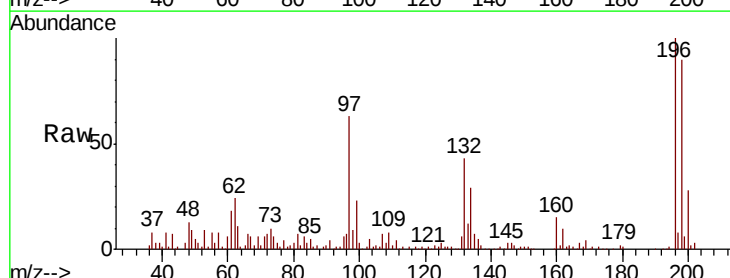
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 38.679 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114489		
198	90.5	75.8	113.8	
200	27.6	24.5	36.7	

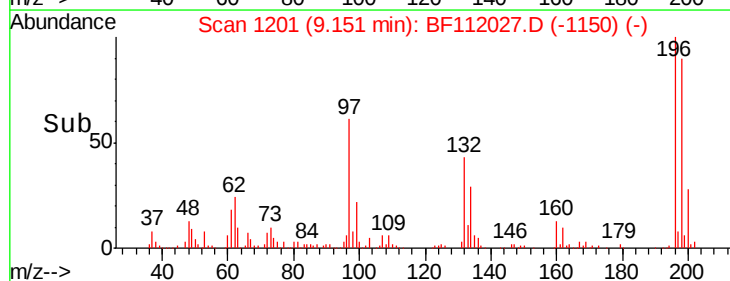
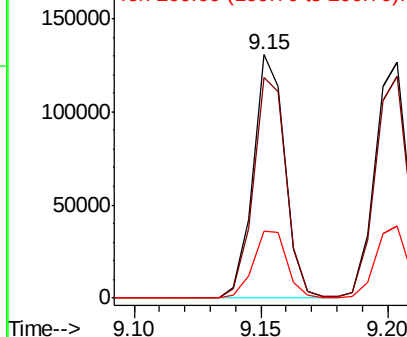


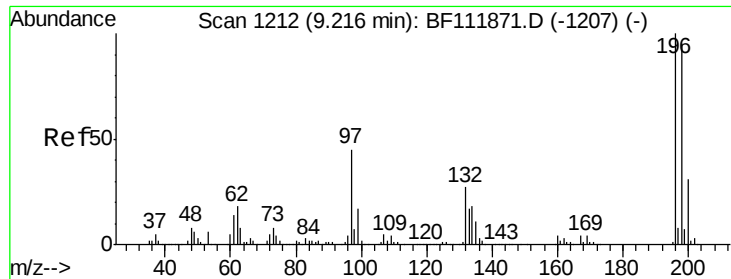
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





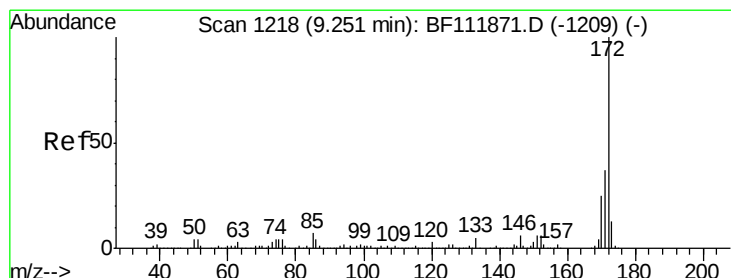
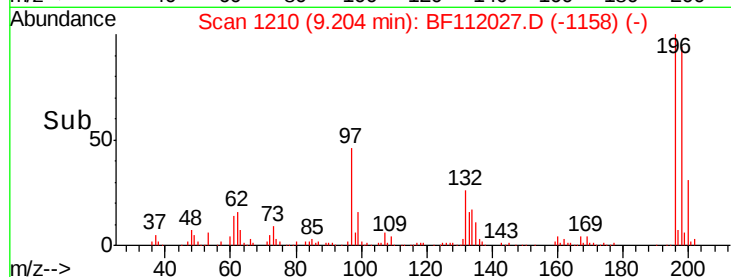
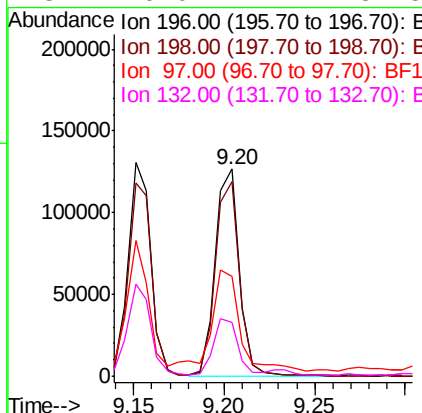
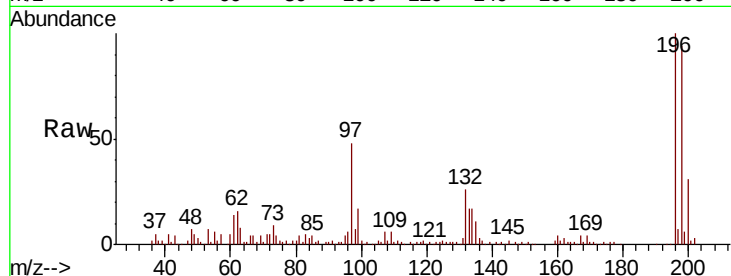
#44
 2,4,5-Trichlorophenol
 Concen: 37.431 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

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

Tot Ion:	196	Resp:	116083
Ion Ratio	Lower	Upper	
196	100		
198	94.0	76.2	114.2
97	48.3	36.4	54.6
132	26.0	21.7	32.5

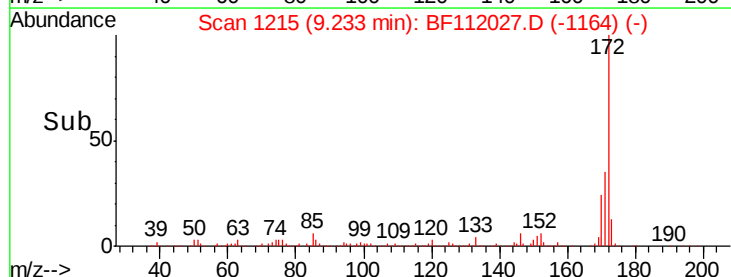
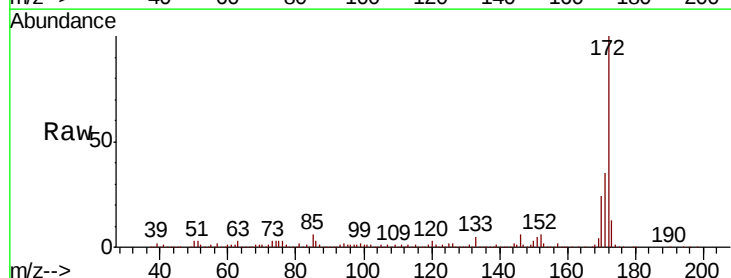
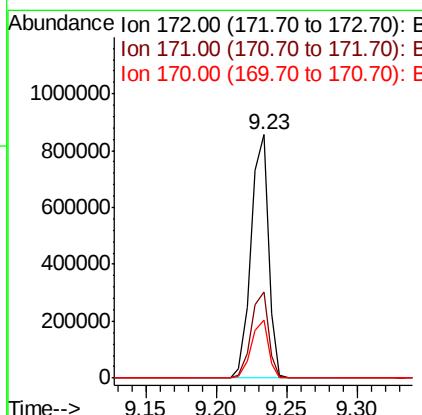
Manual Integrations
 APPROVED

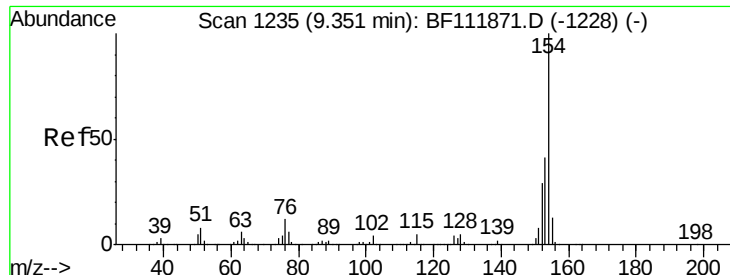
Sohil
 1/14/2019 4:10:31 PM



#45
 2-Fluorobiphenyl
 Concen: 79.562 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion:	172	Resp:	746888
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.6	44.4
170	23.8	19.8	29.8





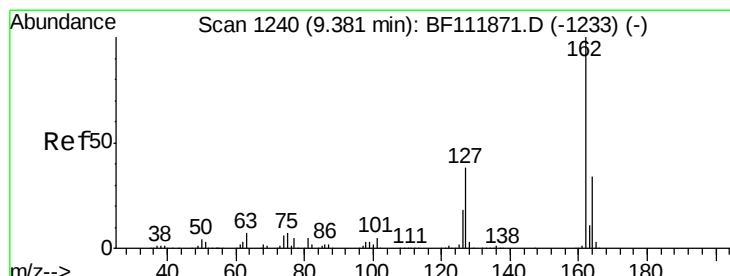
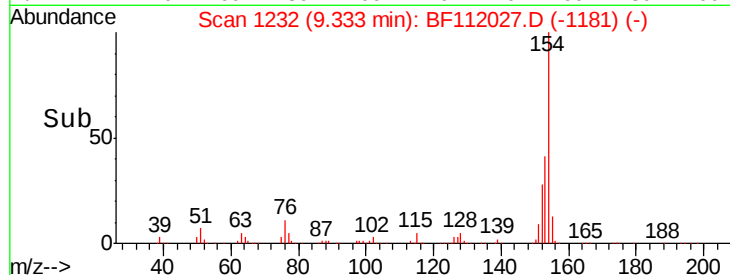
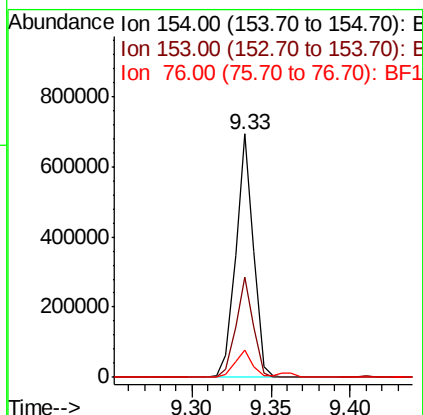
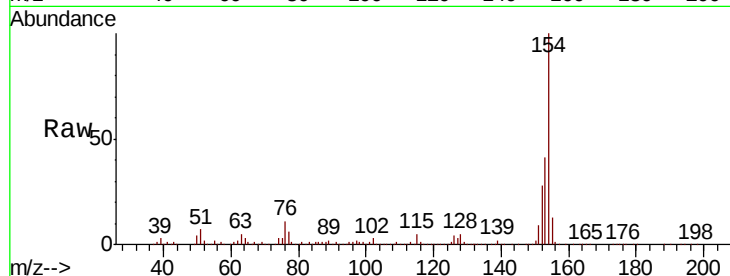
#46
1,1'-Biphenyl
Concen: 46.581 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion:	154	Resp:	533374
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.3	61.3
76	11.3	0.0	32.3

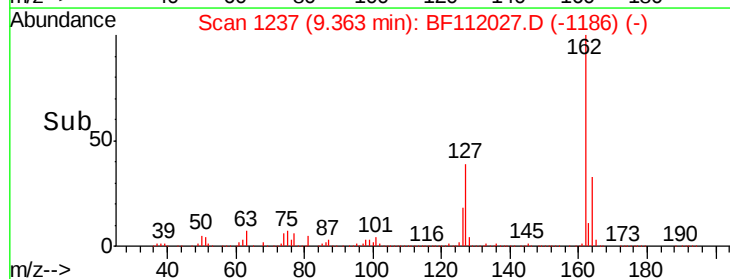
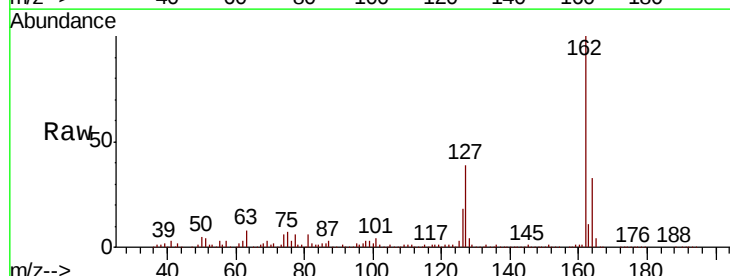
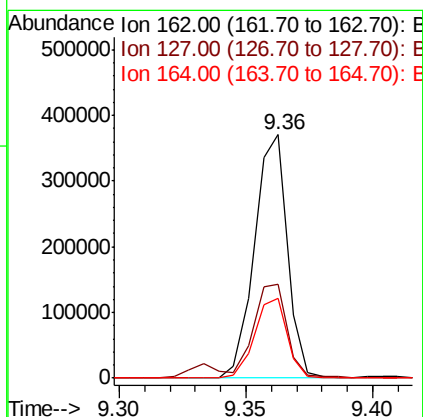
Manual Integrations
APPROVED

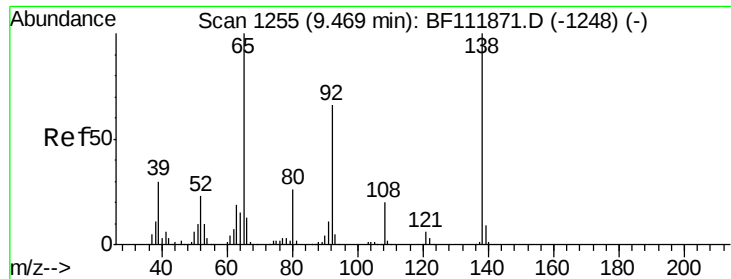
Sohil
1/14/2019 4:10:31 PM



#47
2-Chloronaphthalene
Concen: 37.424 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion:	162	Resp:	336323
Ion Ratio	Lower	Upper	
162	100		
127	38.7	31.2	46.8
164	32.8	27.0	40.6





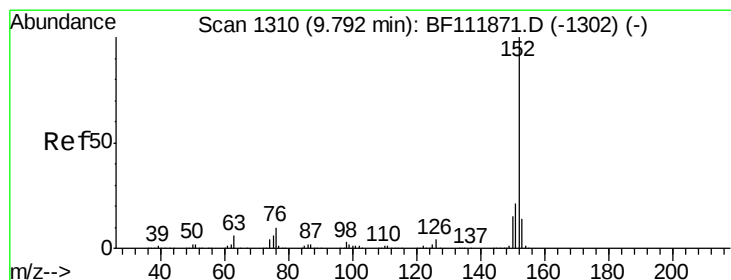
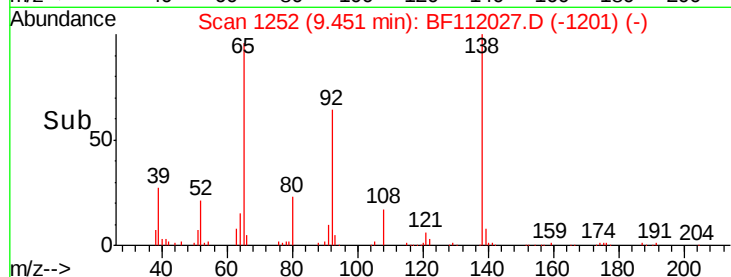
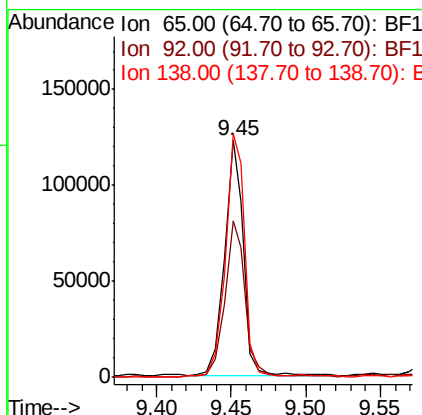
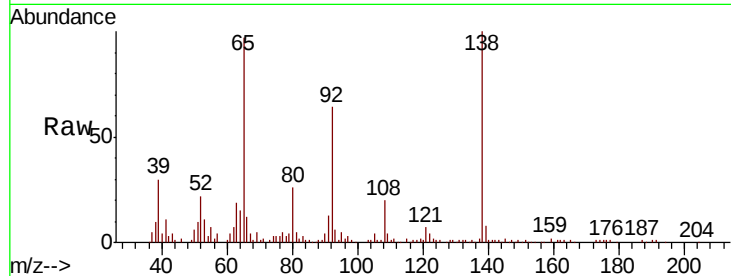
#48
2-Nitroaniline
Concen: 39.589 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.1	52.5	78.7
138	102.7	79.8	119.6

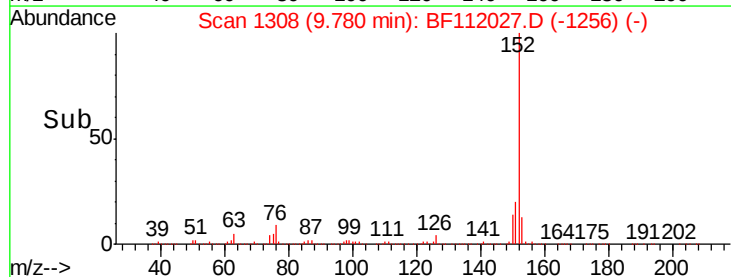
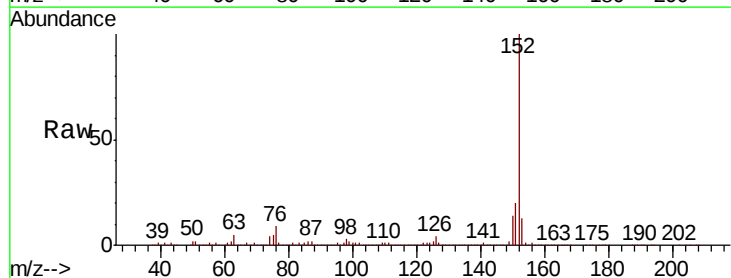
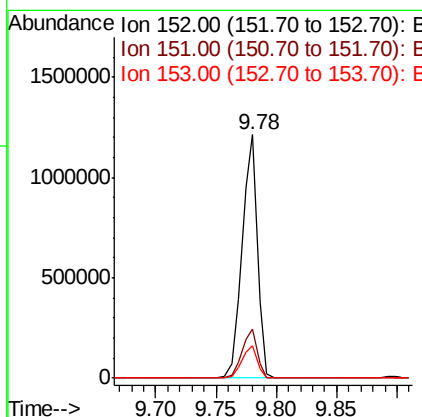
Manual Integrations
APPROVED

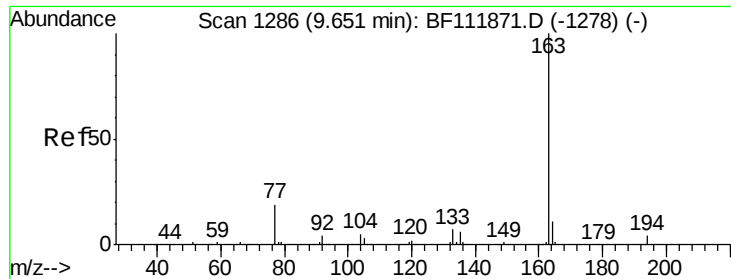
Sohil
1/14/2019 4:10:31 PM



#49
Acenaphthylene
Concen: 81.227 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	25.0
153	13.2	11.0	16.4





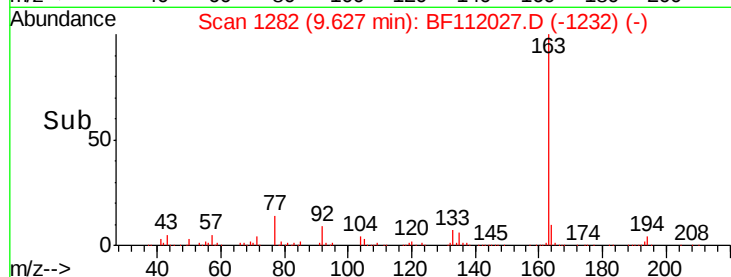
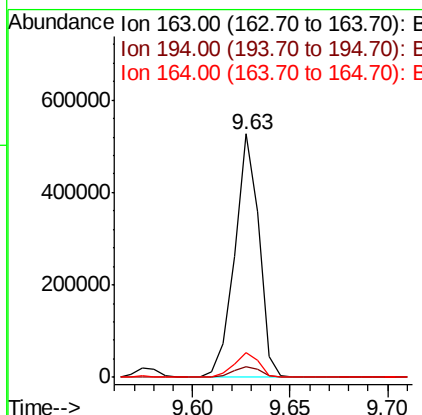
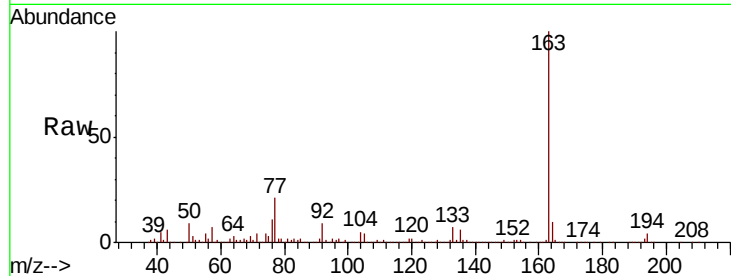
#50
Dimethylphthalate
Concen: 43.828 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	450687		
194	4.3		3.4	5.2
164	10.0		8.5	12.7

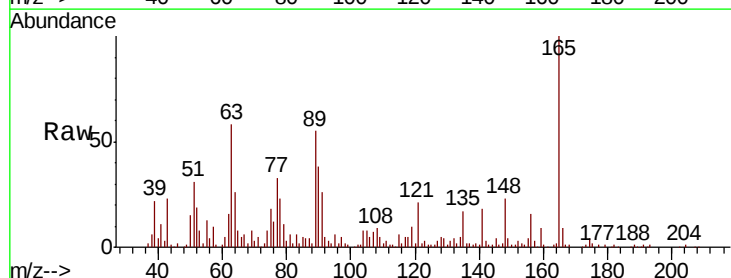
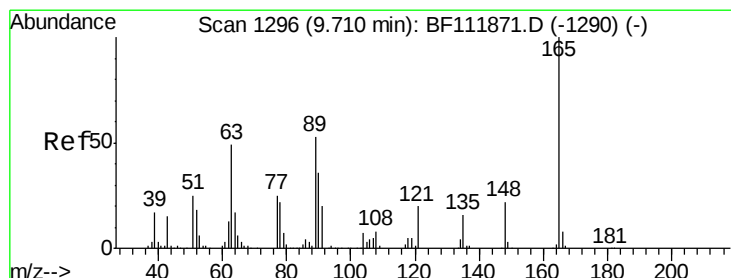
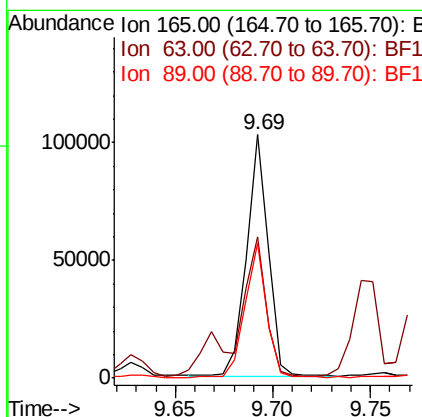
Manual Integrations
APPROVED

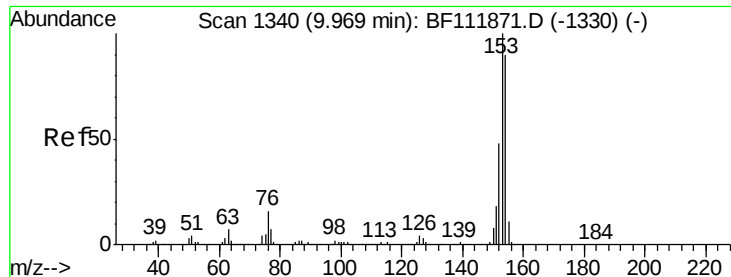
Sohil
1/14/2019 4:10:31 PM



#51
2,6-Dinitrotoluene
Concen: 34.136 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	78498		
63	58.1		46.2	69.2
89	55.5		42.2	63.2





#52

Acenaphthene

Concen: 48.781 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

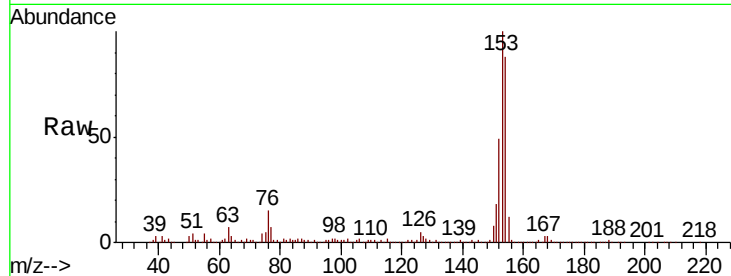
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	154	Resp:	417821
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.4	134.0
152	54.8	43.1	64.7

Manual Integrations
APPROVED

Sohil
1/14/2019 4:10:31 PM

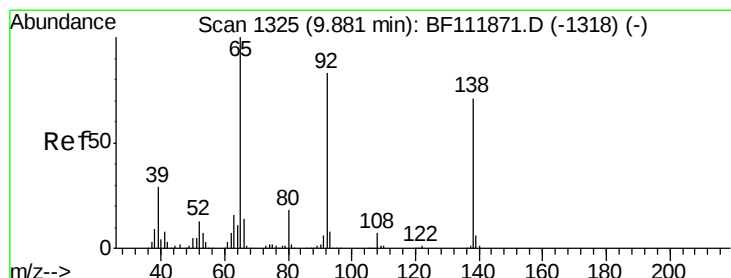
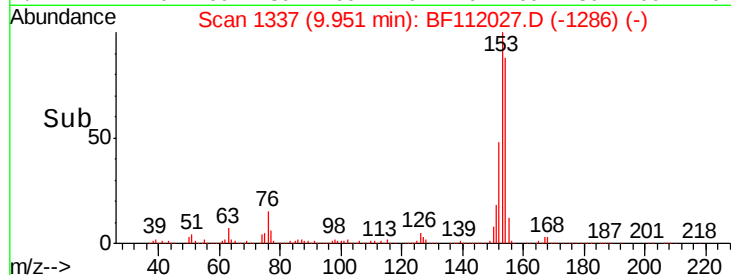
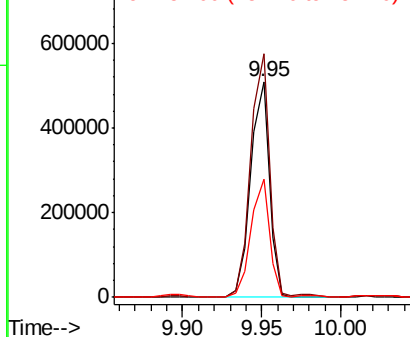


Abundance

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: 28.281 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

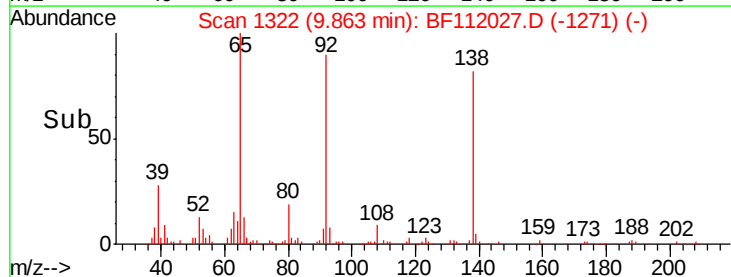
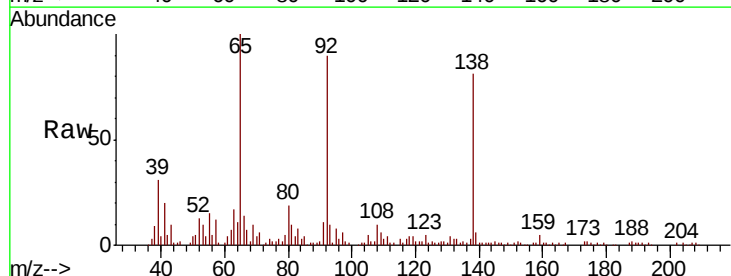
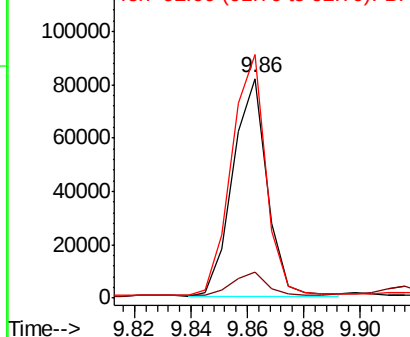
Tgt Ion:	138	Resp:	69645
Ion Ratio	Lower	Upper	
138	100		
108	12.1	8.2	12.4
92	110.8	93.5	140.3

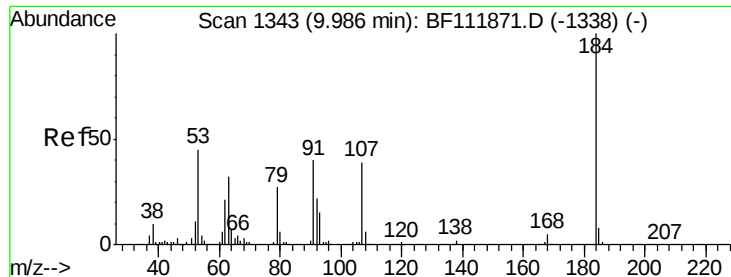
Abundance

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





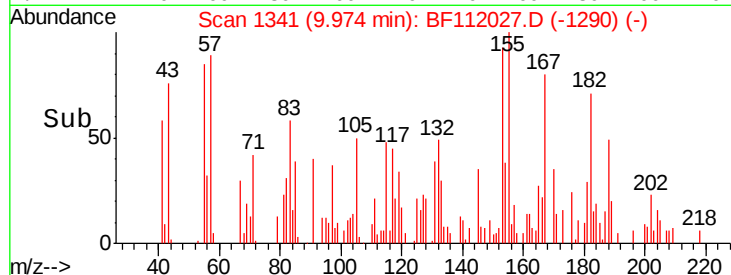
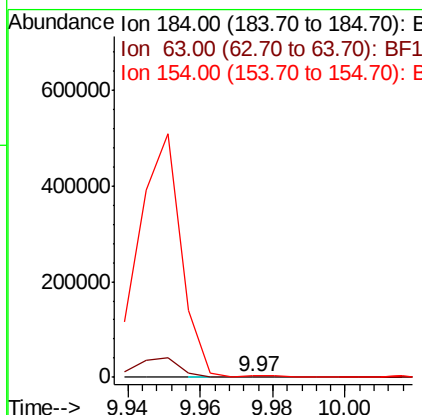
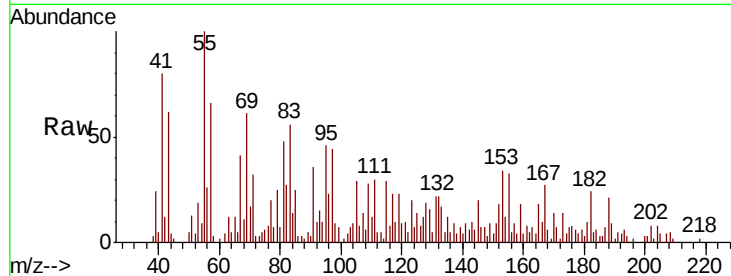
#54
2,4-Dinitrophenol
Concen: 1.078 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	186.4	46.9	70.3#
154	196.0	46.9	70.3#

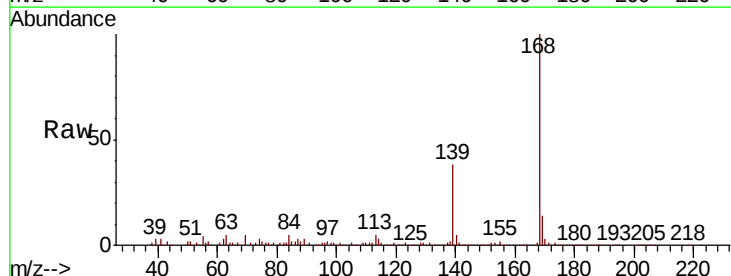
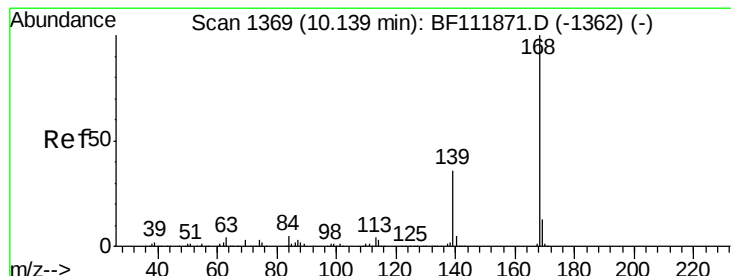
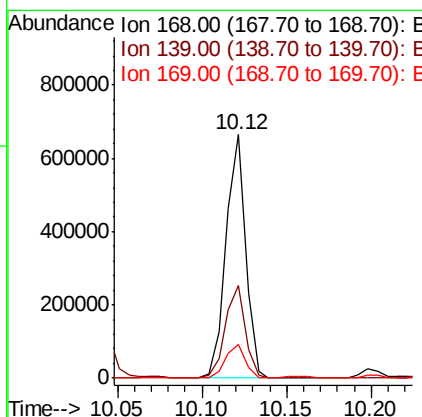
Manual Integrations
APPROVED

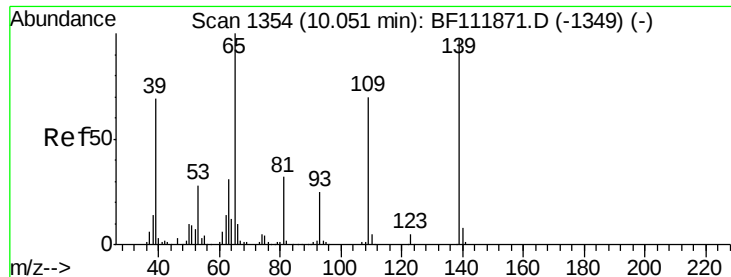
Sohil
1/14/2019 4:10:31 PM



#55
Dibenzofuran
Concen: 43.121 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.3	43.9
169	13.7	10.6	16.0





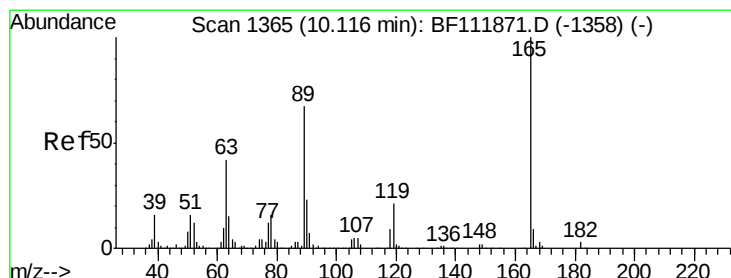
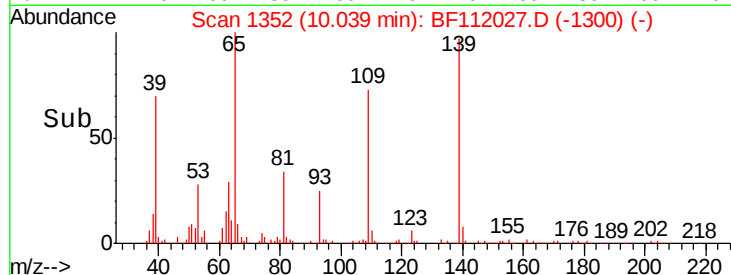
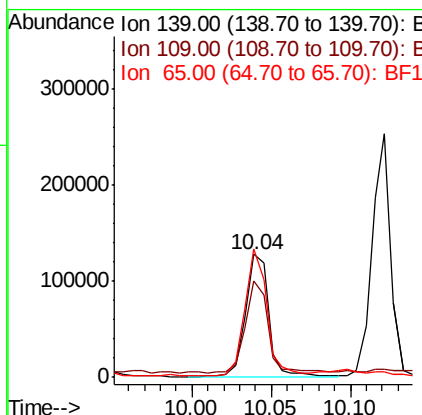
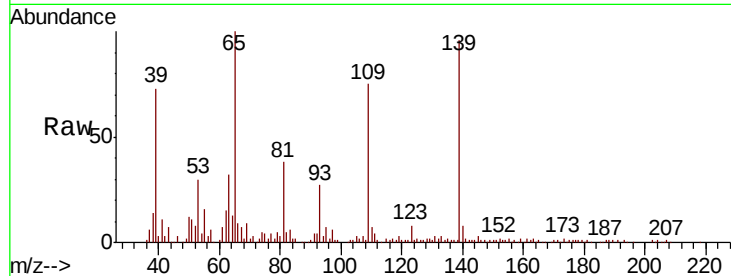
#56
4-Nitrophenol
Concen: 73.885 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	78.4	52.2	92.2
65	104.3	83.1	123.1

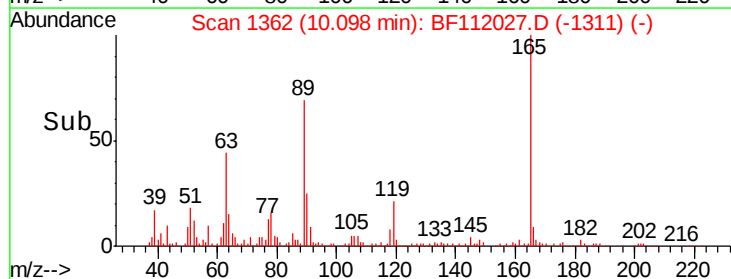
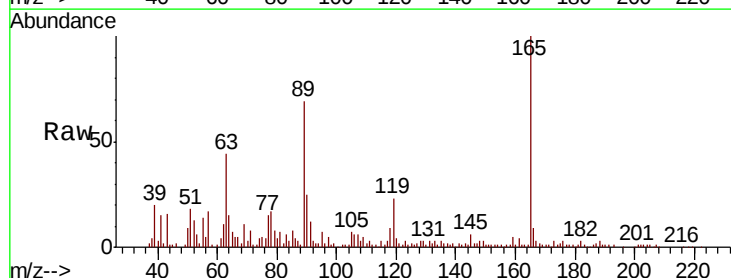
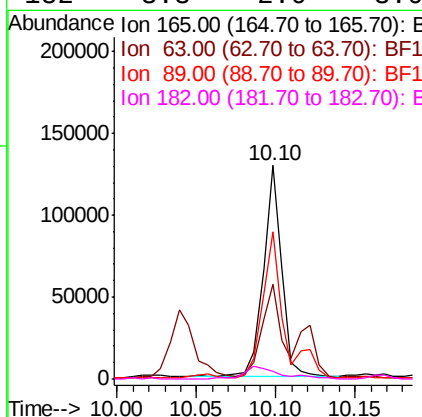
Manual Integrations
APPROVED

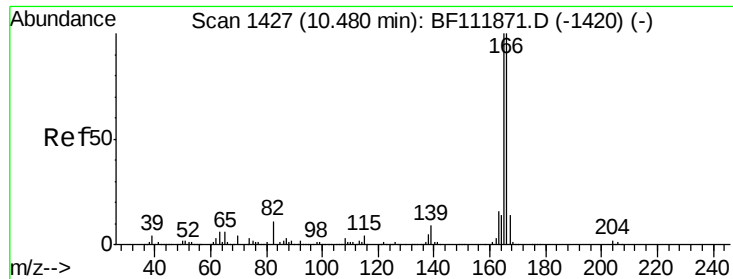
Sohil
1/14/2019 4:10:31 PM



#57
2,4-Dinitrotoluene
Concen: 35.403 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.3	34.1	51.1
89	68.7	53.5	80.3
182	3.3	2.0	3.0#





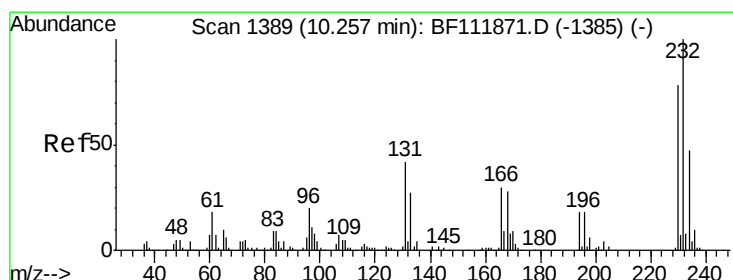
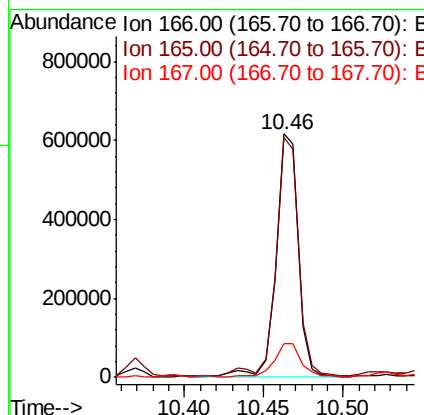
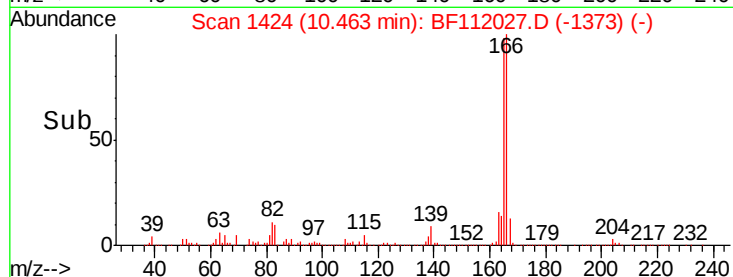
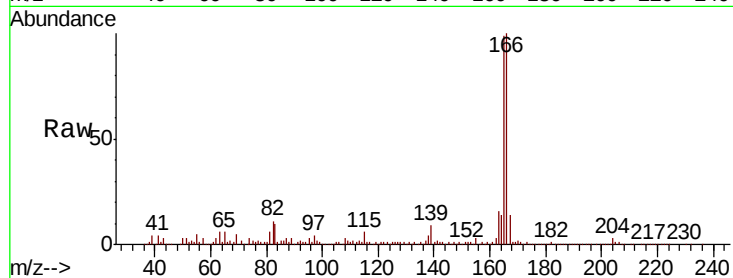
#58
 Fluorene
 Concen: 65.695 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.7	119.5
167	14.0	11.1	16.7

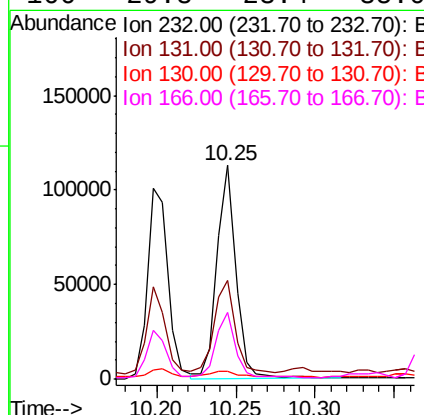
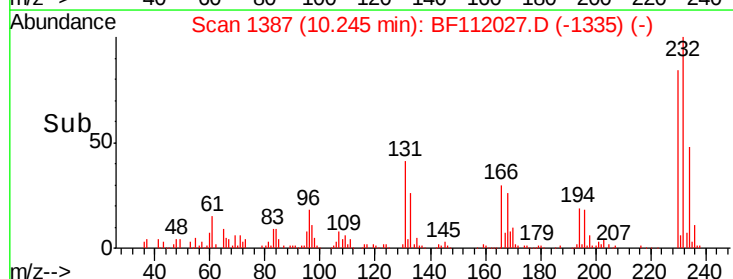
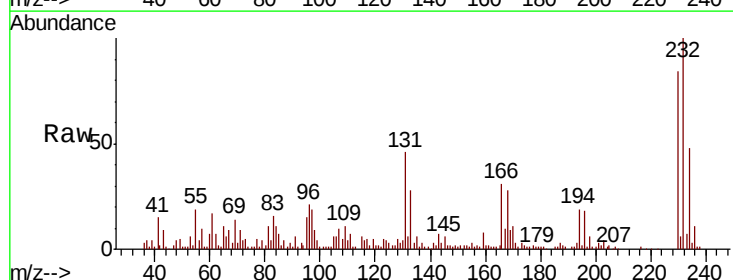
Manual Integrations
 APPROVED

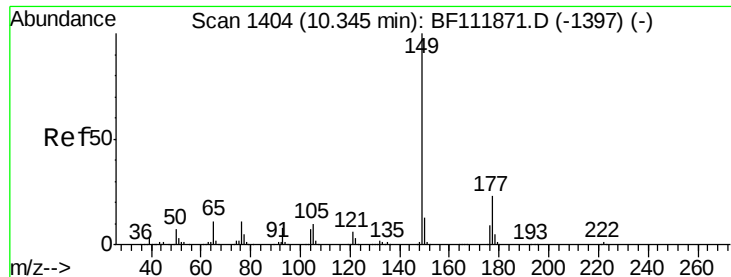
Sohil
 1/14/2019 4:10:31 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.149 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.4	34.0	51.0
130	4.0	1.6	2.4
166	29.8	23.4	35.0





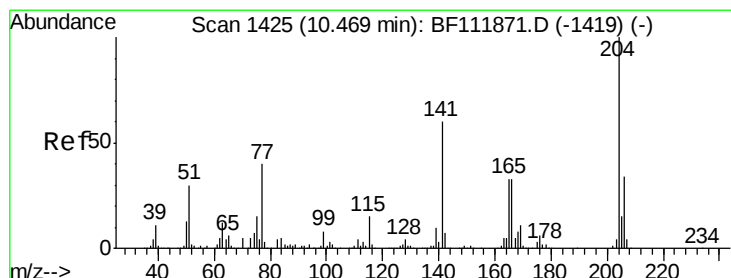
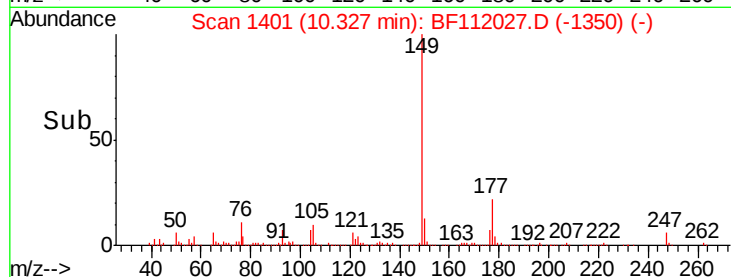
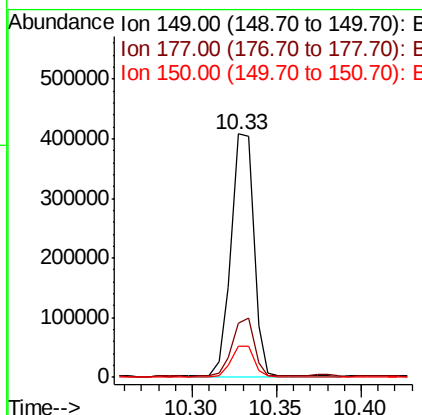
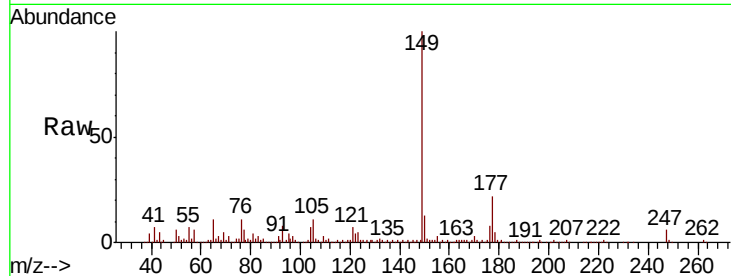
#60
Diethylphthalate
Concen: 38.292 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	381060		
177	22.4	18.3	27.5	
150	12.9	10.2	15.4	

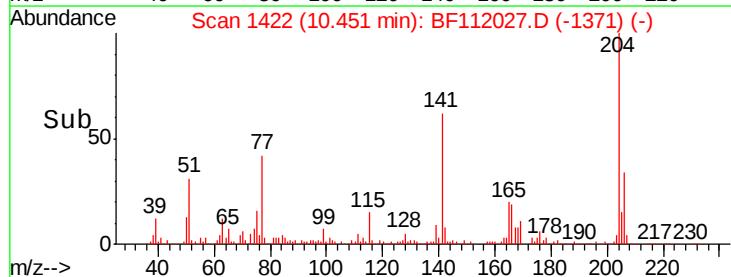
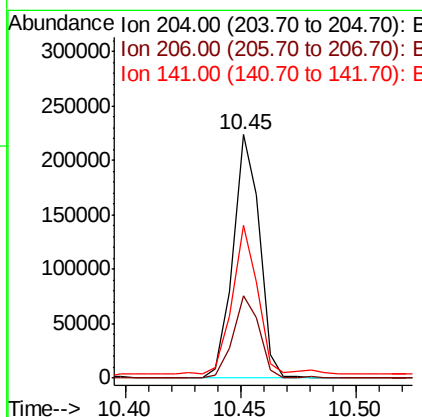
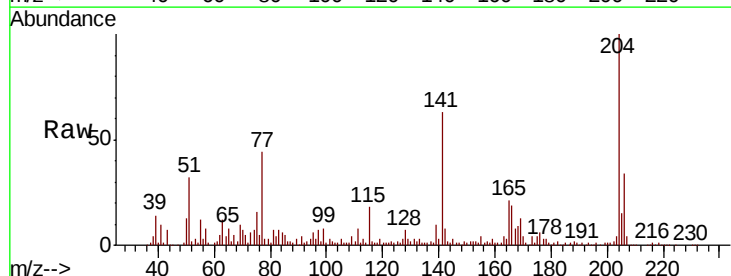
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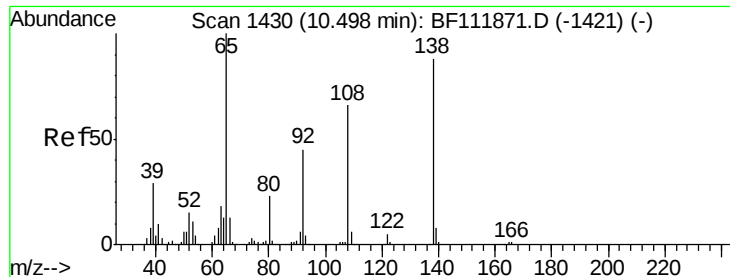
Sohil
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#61
4-Chlorophenyl-phenylether
Concen: 35.247 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	179152		
206	33.9	26.9	40.3	
141	62.8	47.9	71.9	





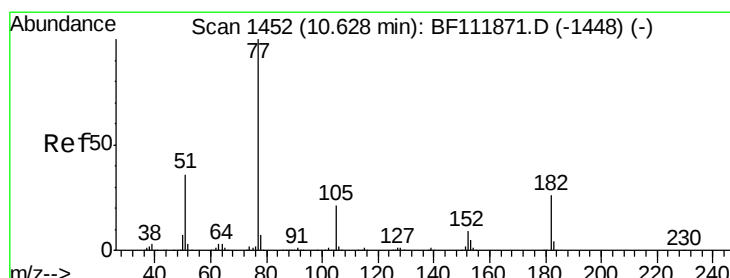
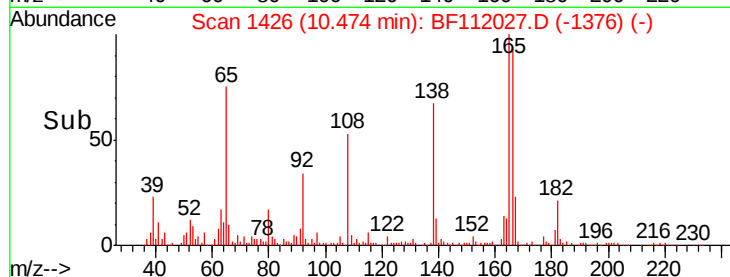
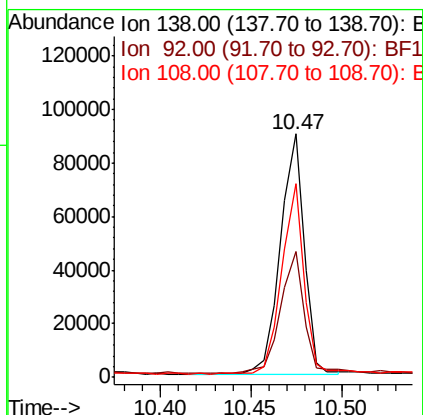
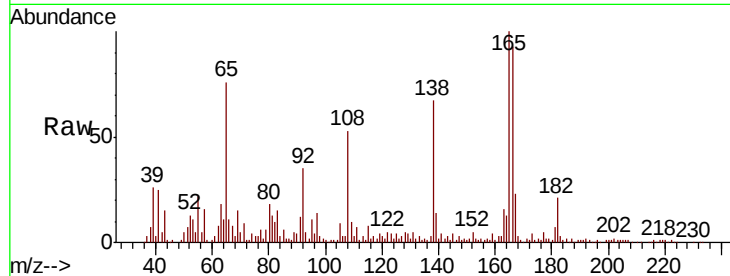
#62
4-Nitroaniline
Concen: 35.581 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.9	31.0	71.0
108	79.4	54.7	94.7

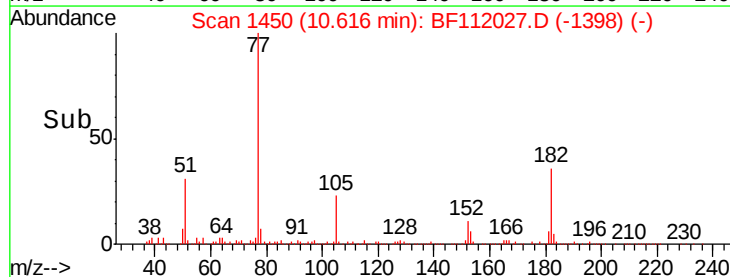
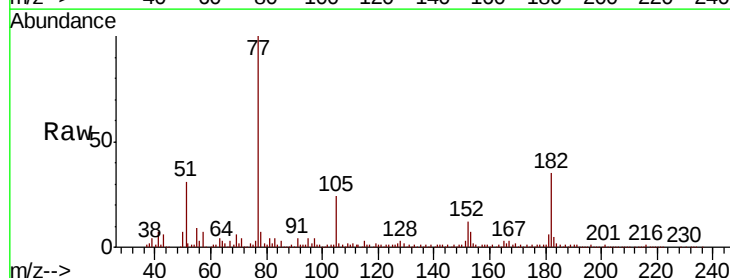
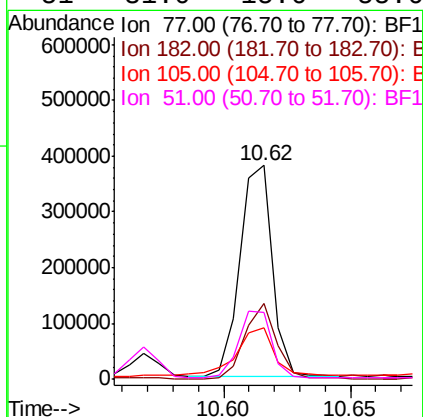
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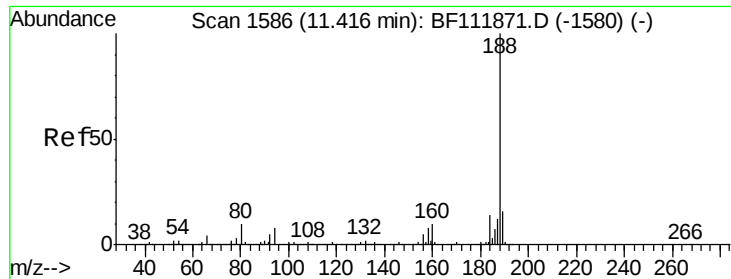
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#63
Azobenzene
Concen: 35.141 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.2	5.7	45.7
105	23.7	0.8	40.8
51	31.0	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: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

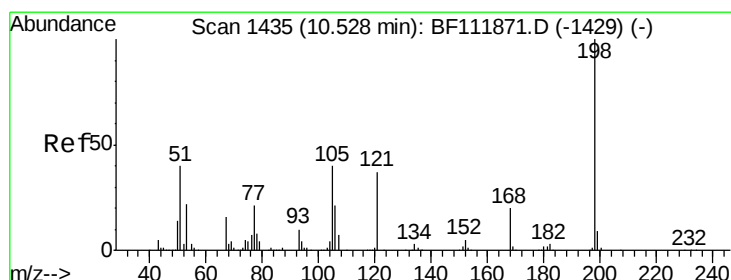
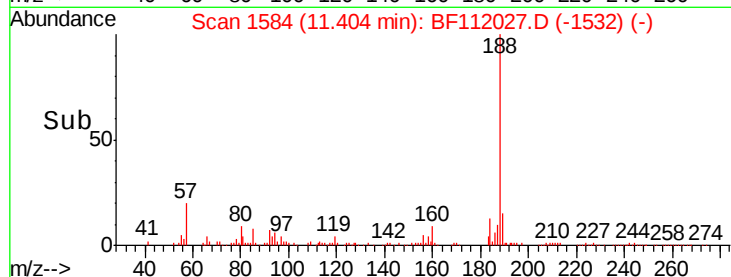
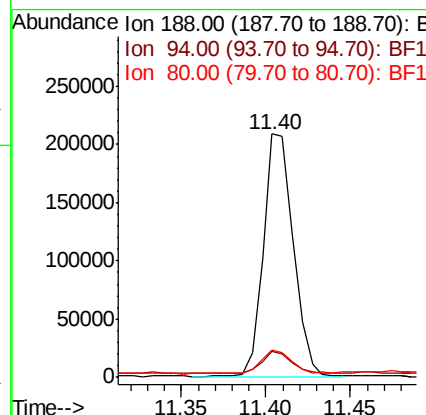
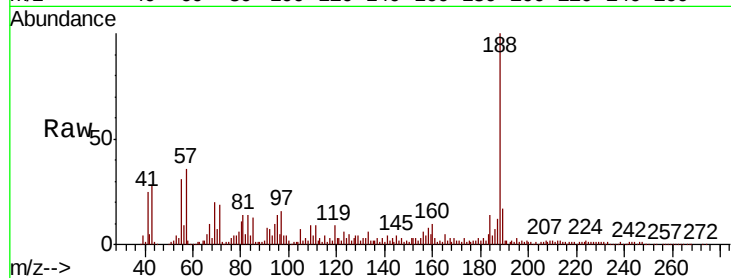
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	188	Resp:	254632
Ion Ratio	Lower	Upper	
188	100		
94	10.5	6.6	10.0#
80	11.0	7.7	11.5

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#65

4,6-Dinitro-2-methylphenol

Concen: 2.091 ng

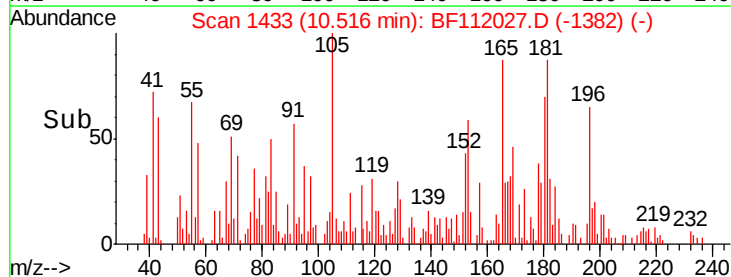
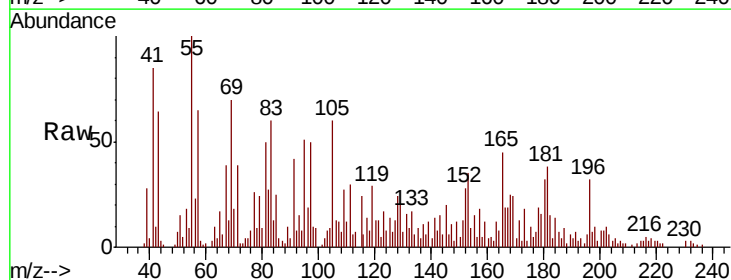
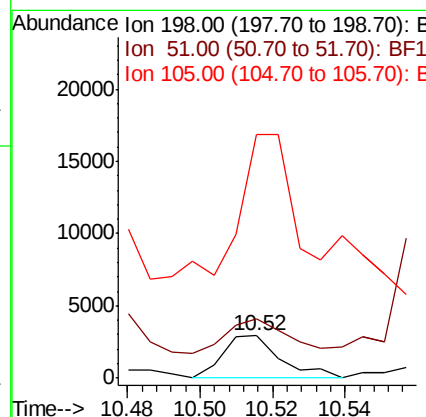
RT: 10.52 min Scan# 1433

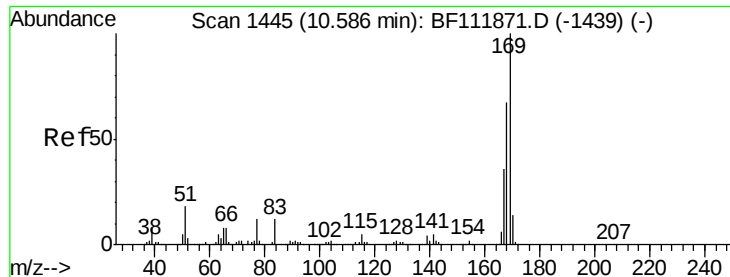
Delta R.T. -0.00 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Tgt Ion:	198	Resp:	3286
Ion Ratio	Lower	Upper	
198	100		
51	138.9	27.2	67.2#
105	575.0	21.0	61.0#





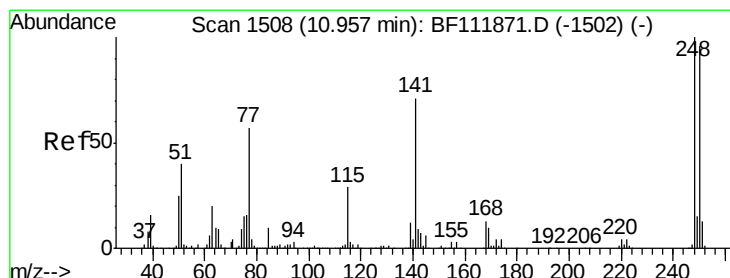
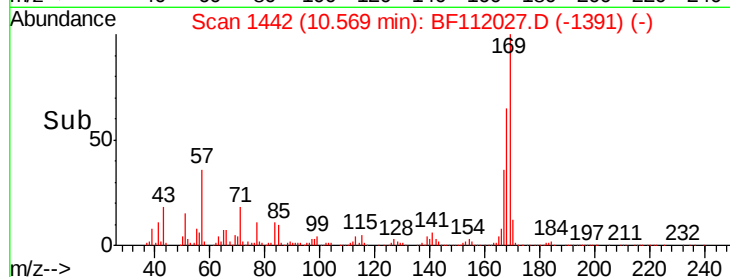
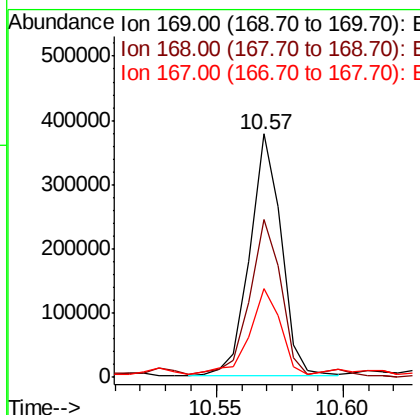
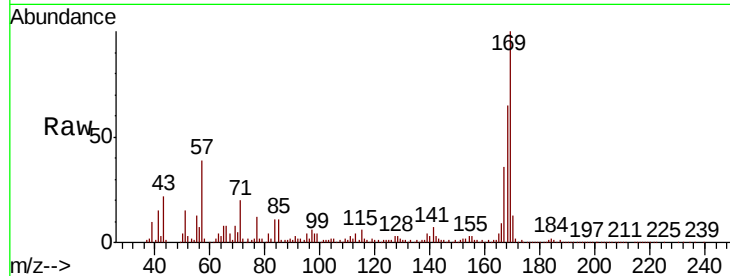
#66
 n-Nitrosodiphenylamine
 Concen: 38.549 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		329400		
168	64.8	53.8		80.6	
167	36.2	29.1		43.7	

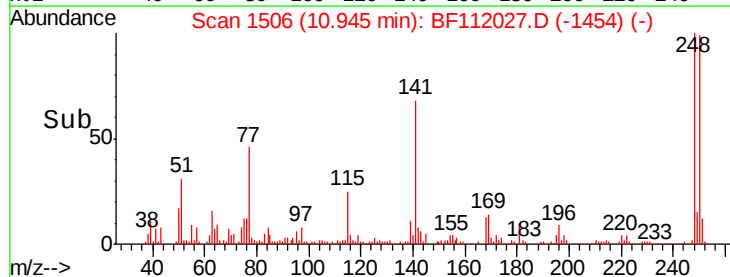
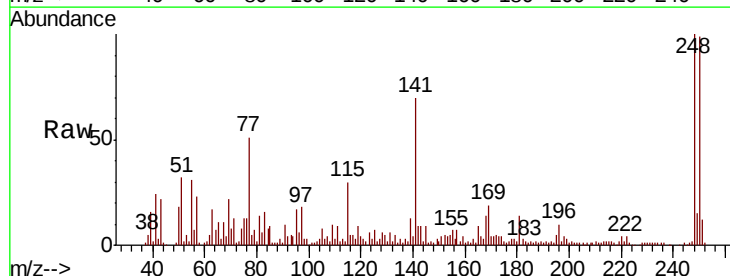
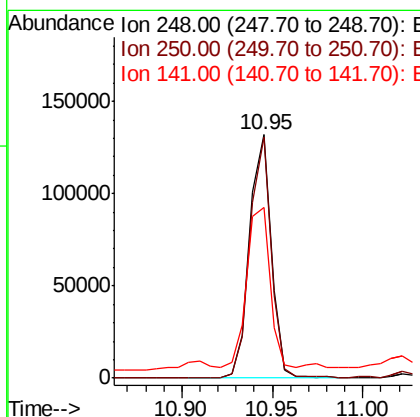
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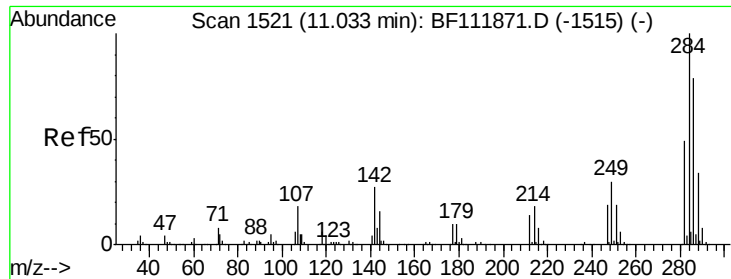
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#67
 4-Bromophenyl-phenylether
 Concen: 33.434 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.01 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		110269		
250	98.8	76.8		115.2	
141	70.2	57.0		85.6	





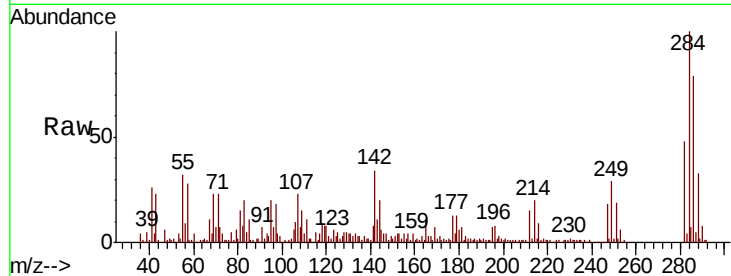
#68
Hexachlorobenzene
Concen: 33.436 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

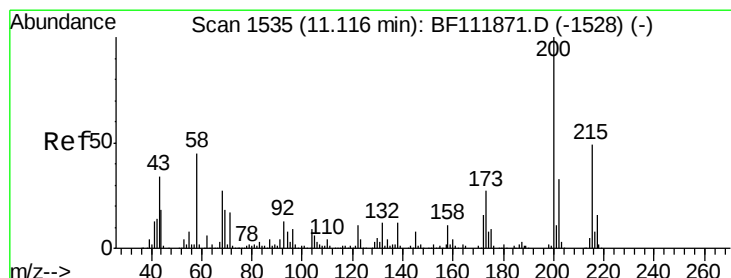
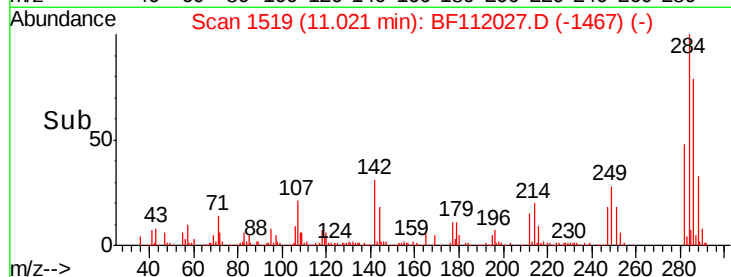
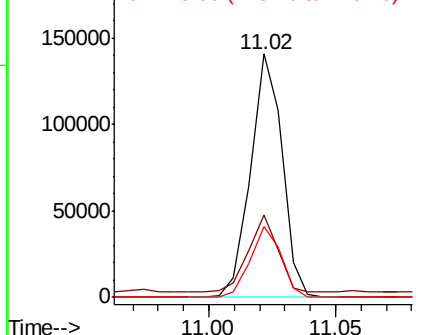
Tot Ion	Ratio	Resp	Lower	Upper
284	100	122214		
142	34.0	21.8	32.6	
249	29.2	23.8	35.6	

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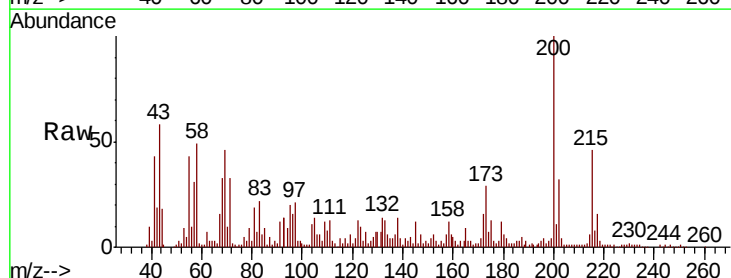


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

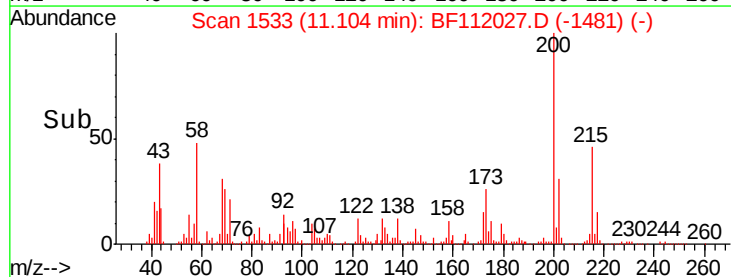
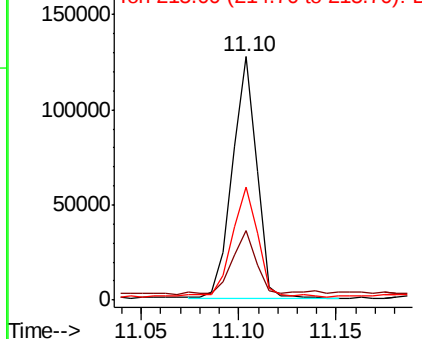


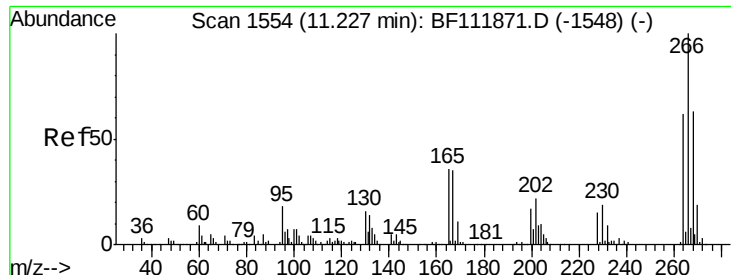
#69
Atrazine
Concen: 36.735 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	110287		
173	28.7	6.6	46.6	
215	46.5	28.9	68.9	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





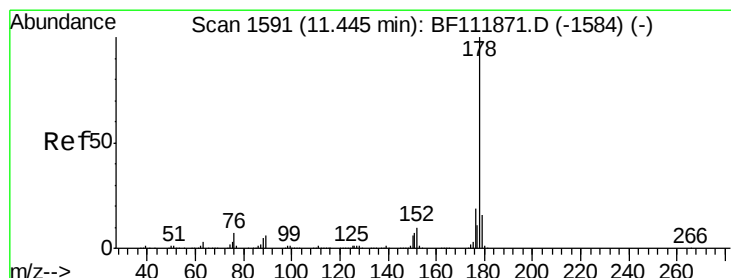
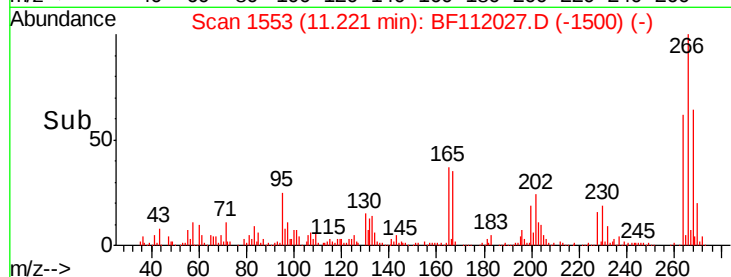
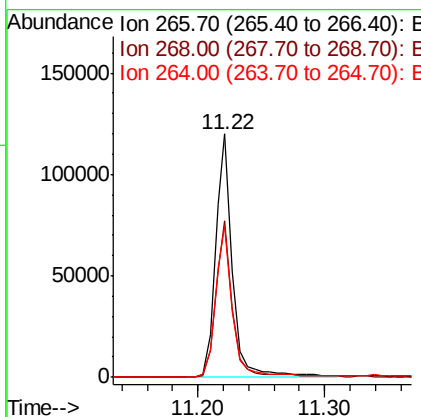
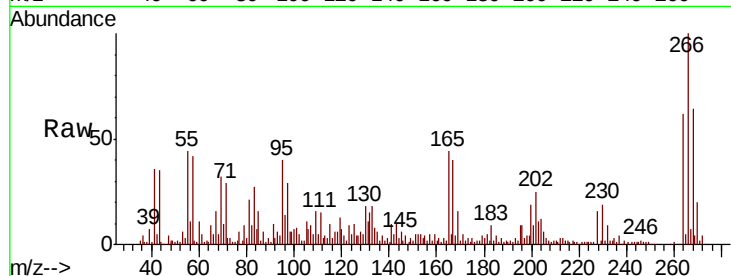
#70
 Pentachlorophenol
 Concen: 54.320 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.6	76.0
264	62.4	49.3	73.9

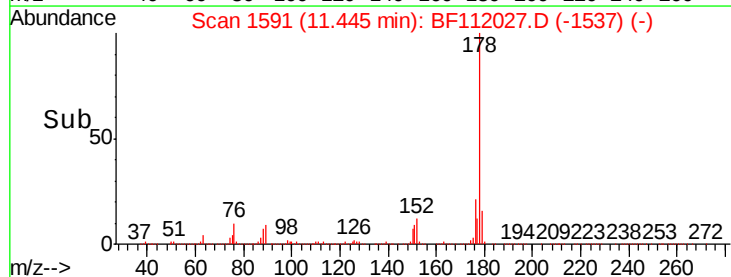
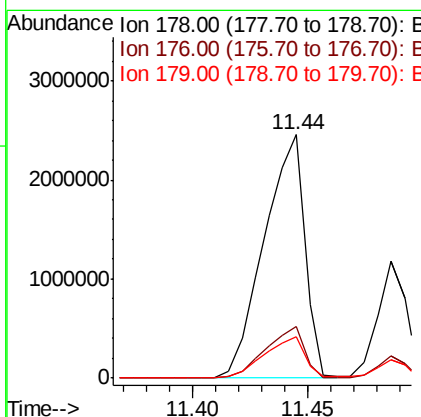
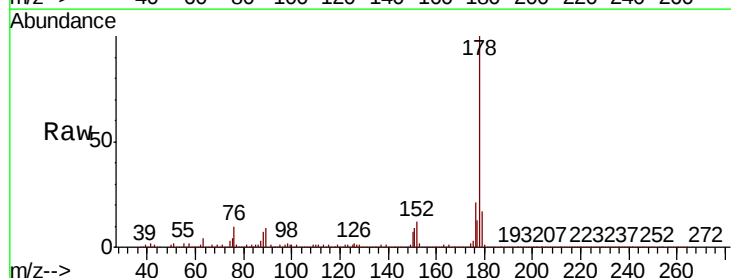
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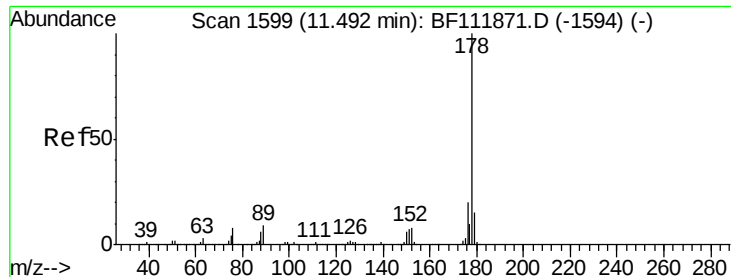
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#71
 Phenanthrene
 Concen: 219.779 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. 0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.6	23.4
179	16.8	12.6	18.8





#72

Anthracene

Concen: 73.086 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:178 Resp: 1010051

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

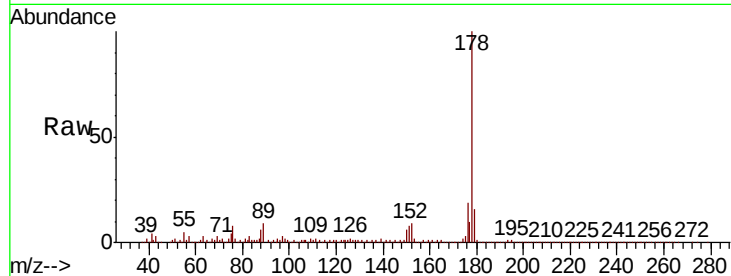
179 15.6 12.4 18.6

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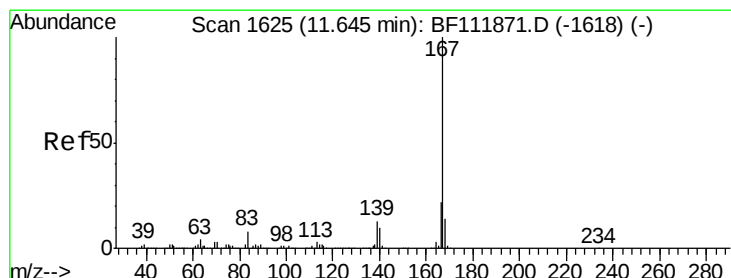
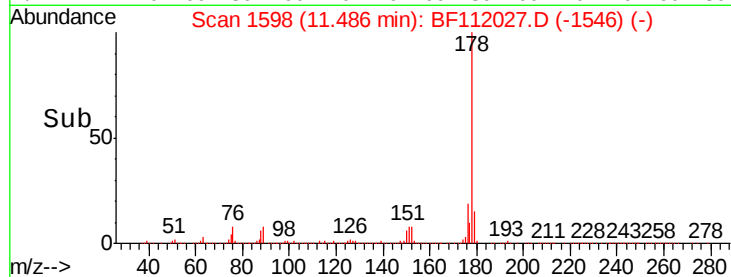
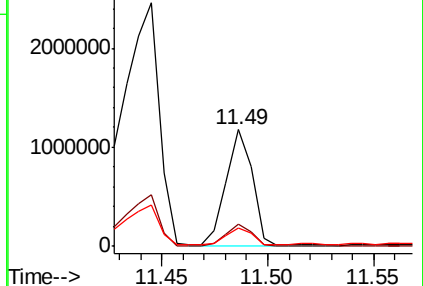
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 37.488 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

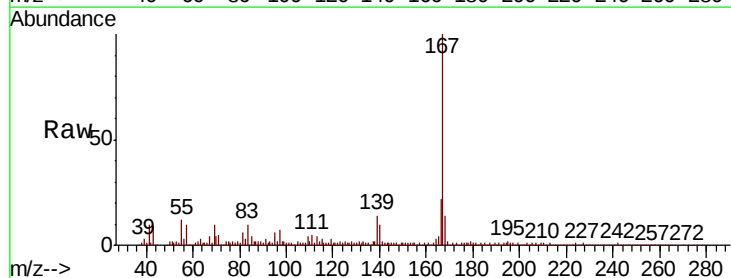
Tgt Ion:167 Resp: 503954

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.6

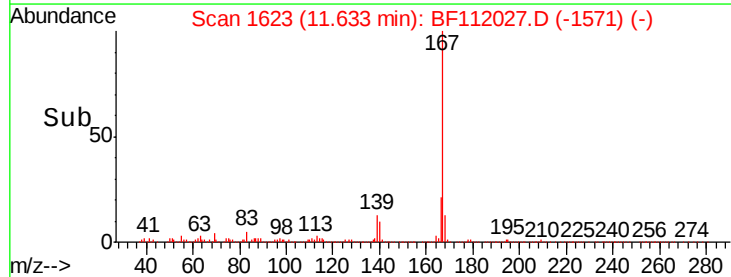
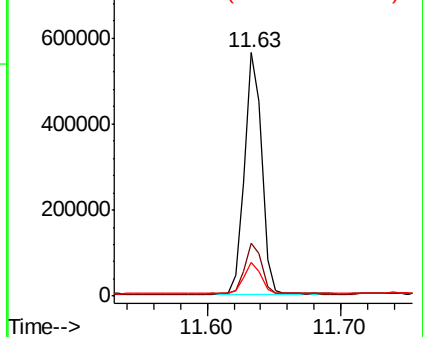
139 13.8 10.6 16.0

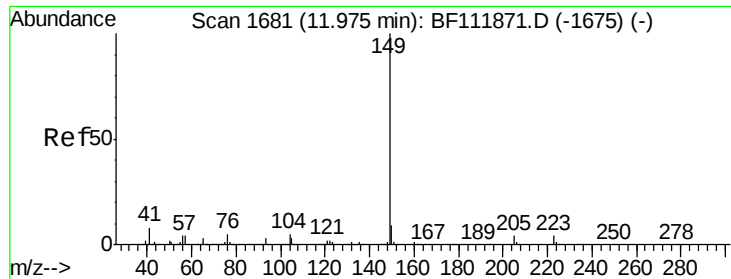


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 37.485 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

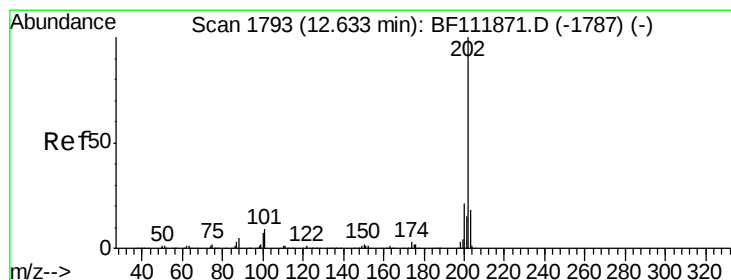
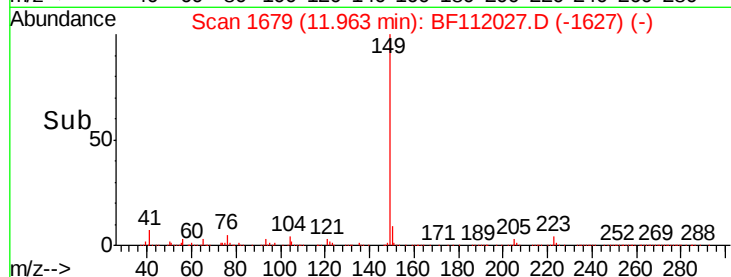
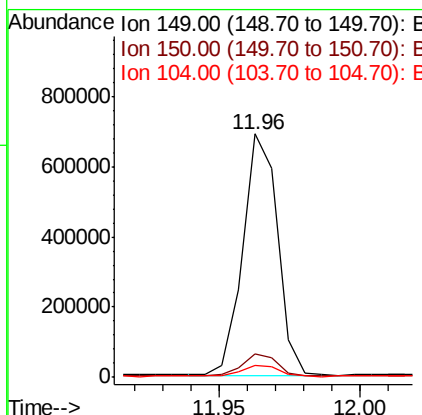
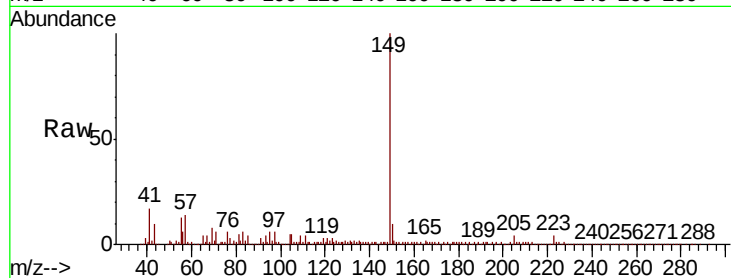
ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	149	Resp:	585322
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.5	11.3
104	5.1	3.9	5.9

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#75

Fluoranthene

Concen: 174.153 ng

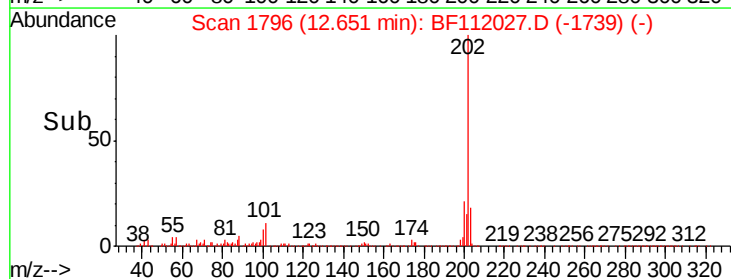
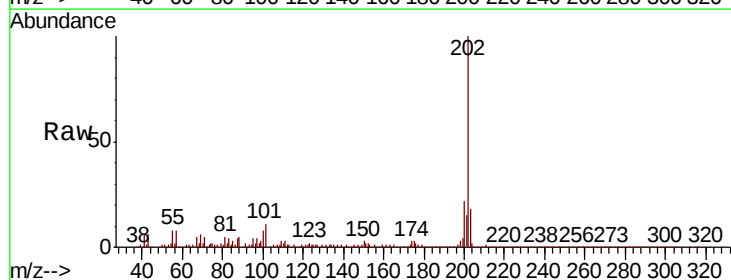
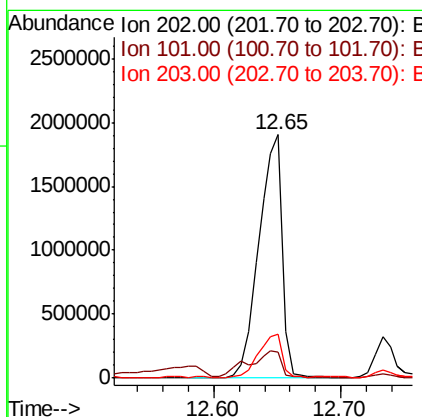
RT: 12.65 min Scan# 1796

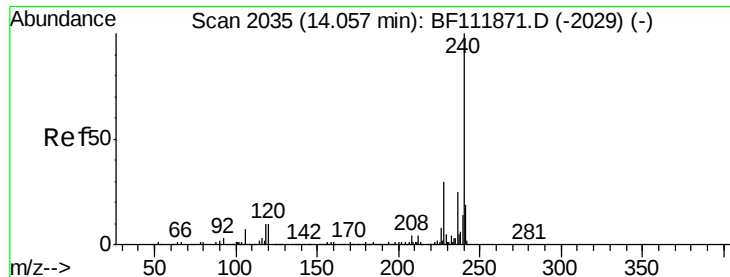
Delta R.T. 0.04 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Tgt Ion:	202	Resp:	2433940
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	29.3
203	18.1	0.0	37.6





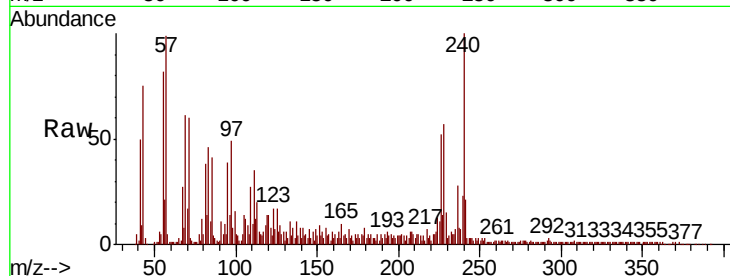
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	13.6	8.2	12.2#
236	28.0	20.2	30.4

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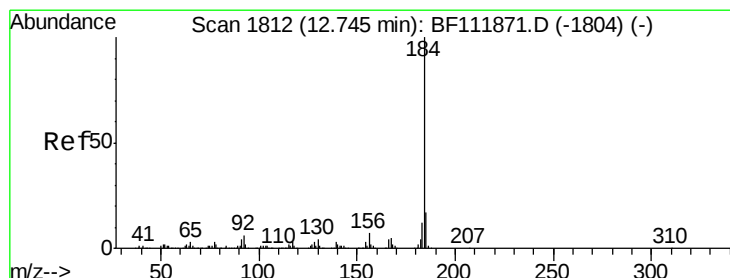
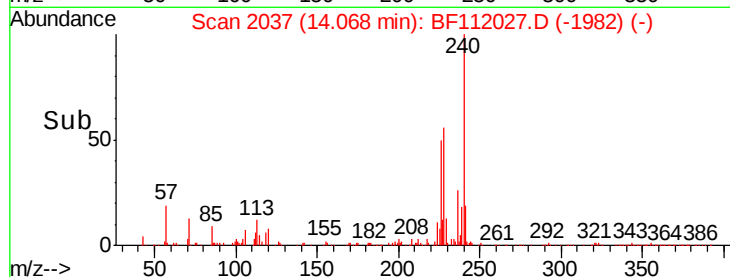
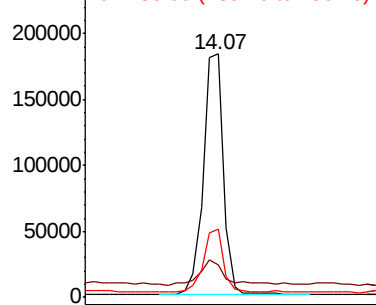


Abundance

Ion 240.00 (239.70 to 240.70): E

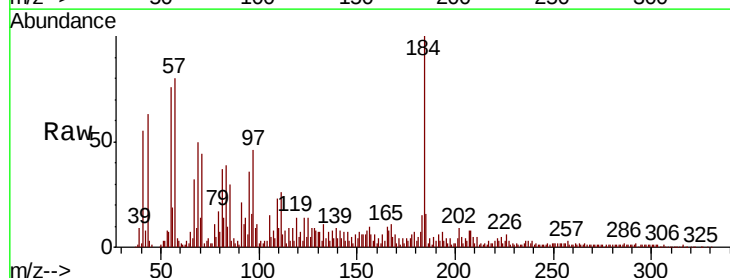
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77
 Benzidine
 Concen: 27.838 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. 0.05 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	16.5	13.4	20.0
183	15.4	9.6	14.4#

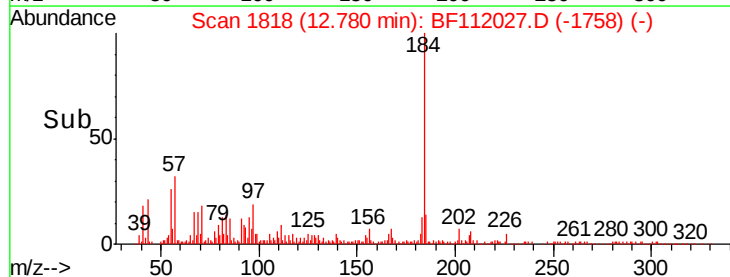
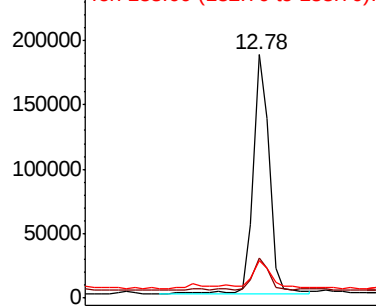


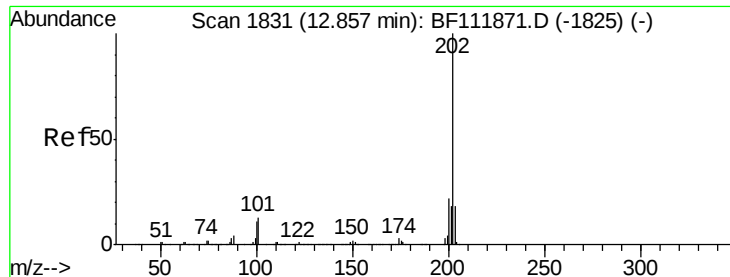
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





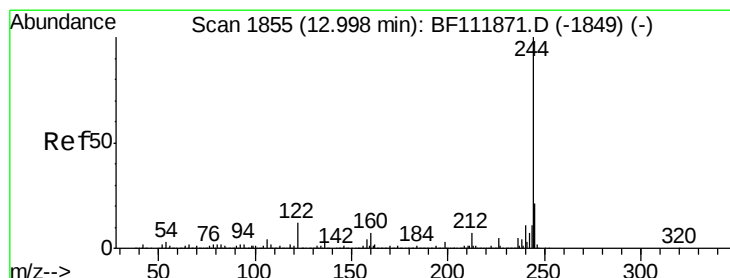
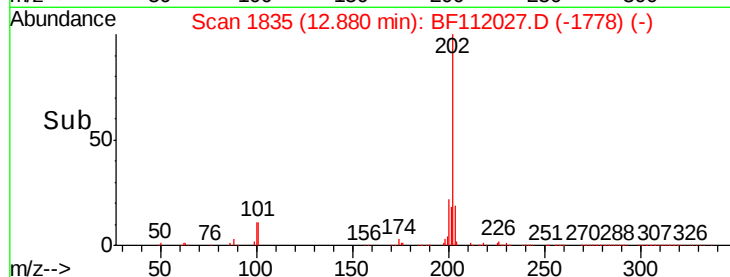
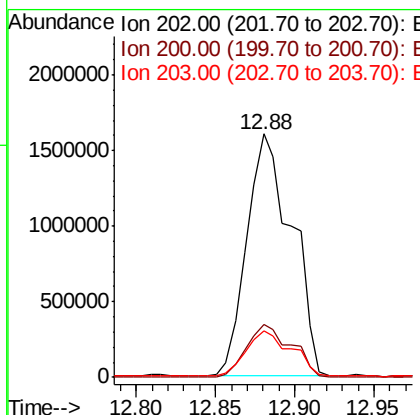
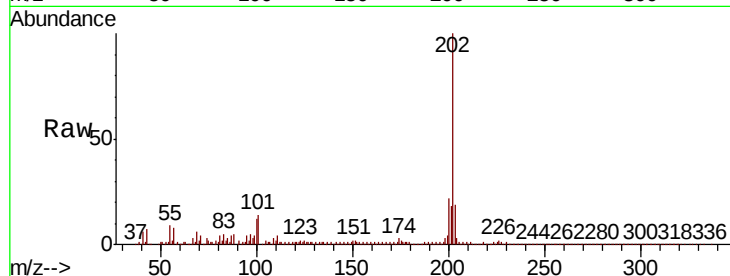
#78
Pvrene
Concen: 254.195 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.04 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	19.0	14.6	21.8

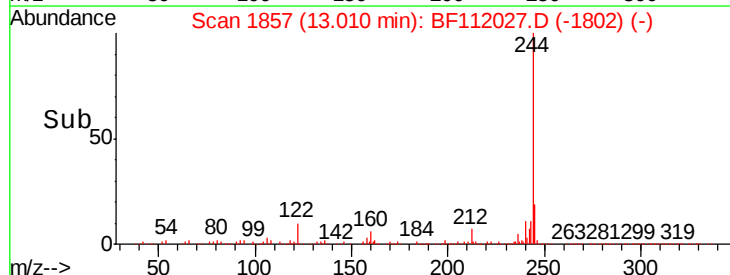
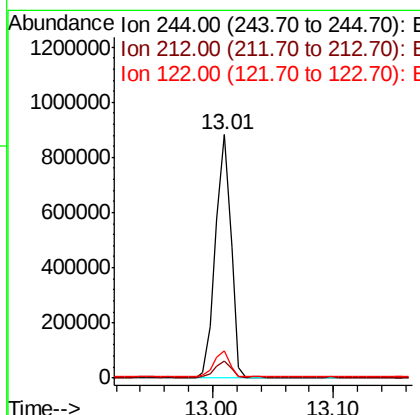
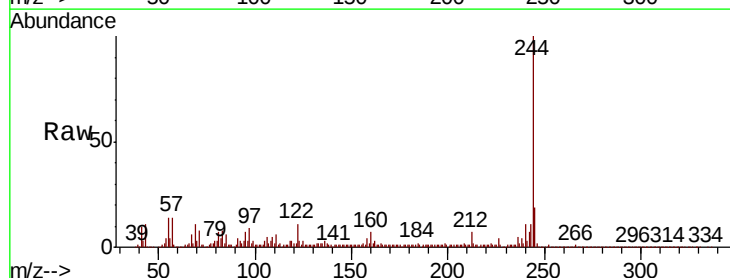
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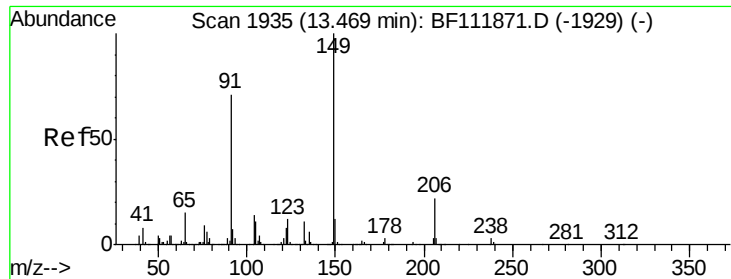
Sohil
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#79
Terphenyl-d14
Concen: 81.365 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.1	9.5	14.3





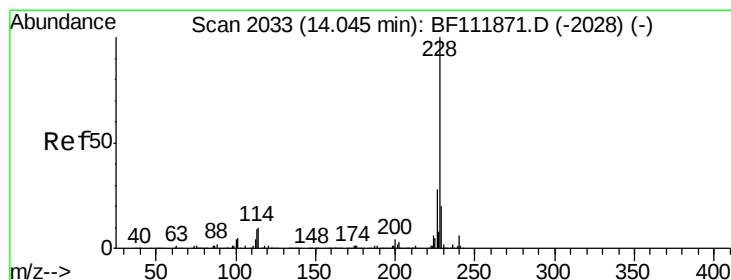
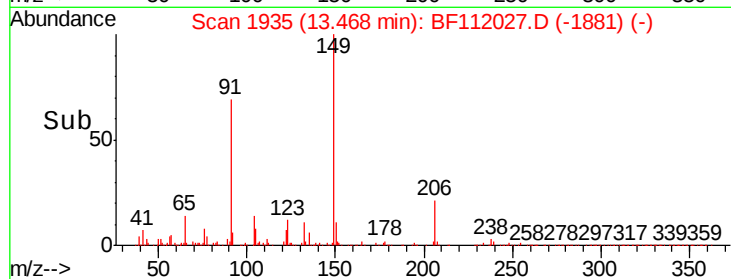
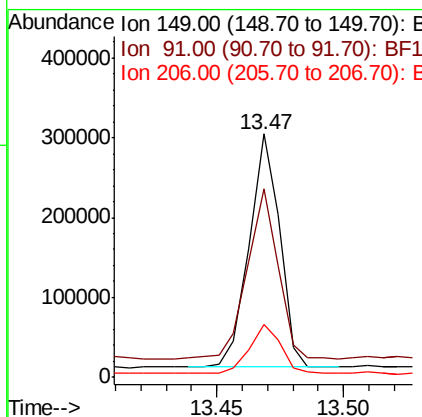
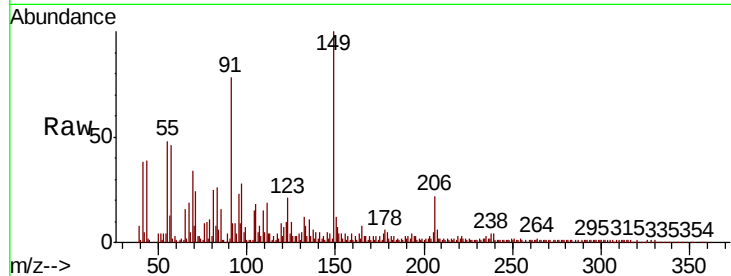
#80
Butylbenzylphthalate
Concen: 46.954 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.7	57.2	85.8
206	21.5	17.3	25.9

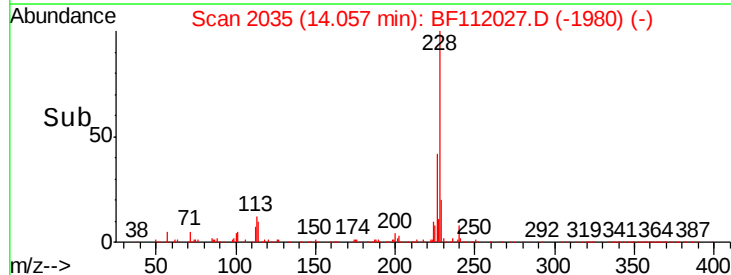
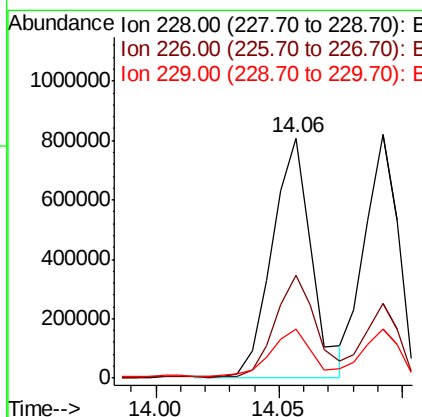
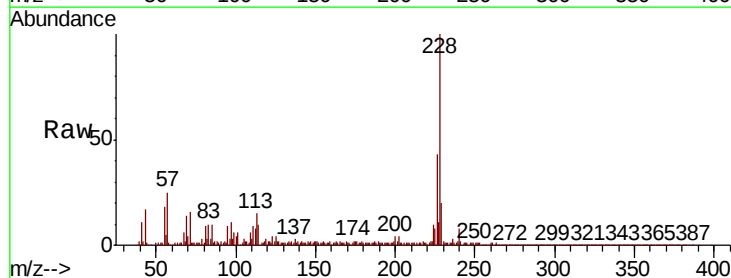
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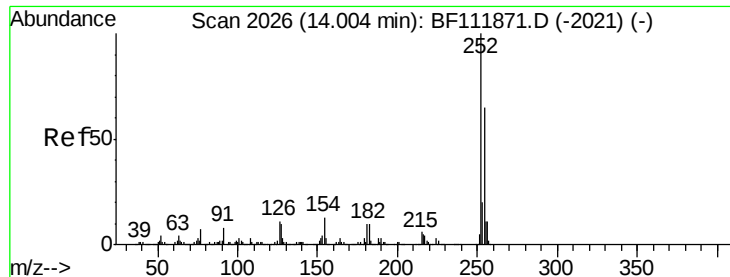
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#81
Benzo(a)anthracene
Concen: 87.249 ng m
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	42.6	22.2	33.2#
229	20.5	16.2	24.2





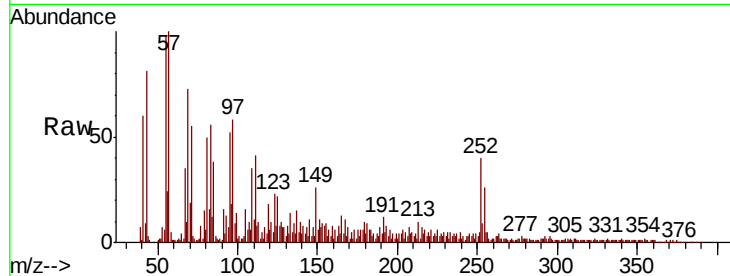
#82
 3,3'-Dichlorobenzidine
 Concen: 14.389 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	20.6	8.6	12.8

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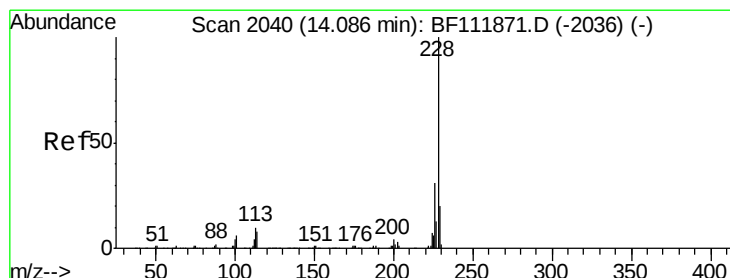
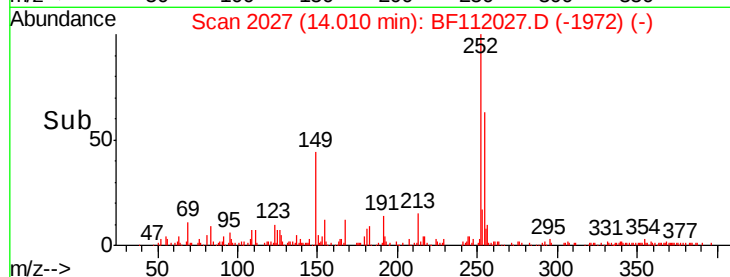
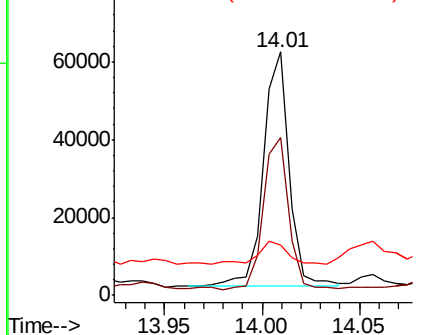


Abundance

Ion 252.00 (251.70 to 252.70): E

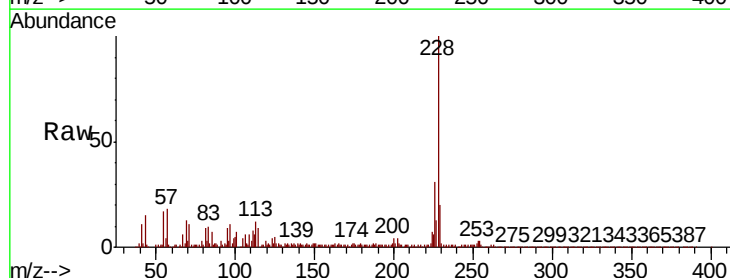
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 77.831 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	20.0	15.7	23.5

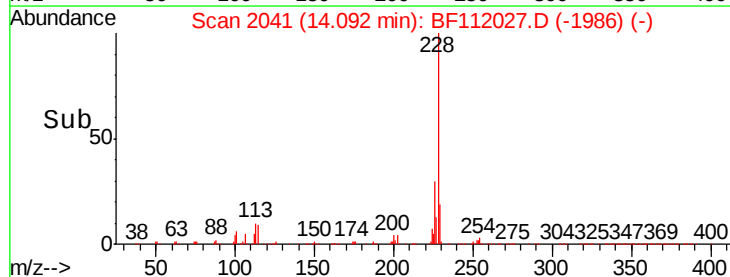
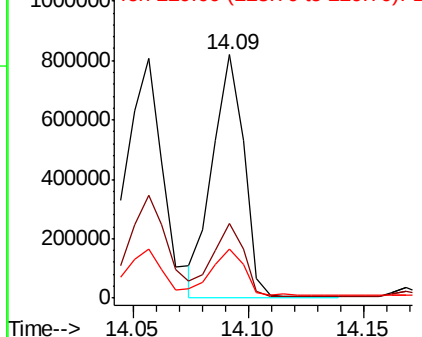


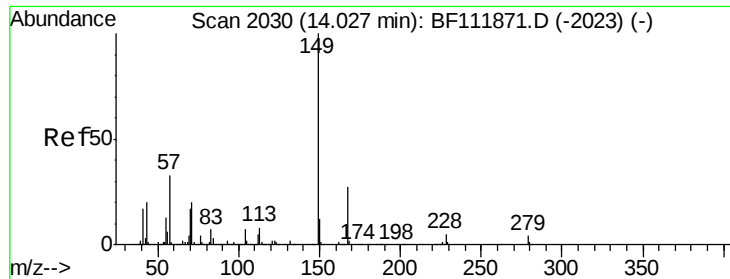
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 62.946 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

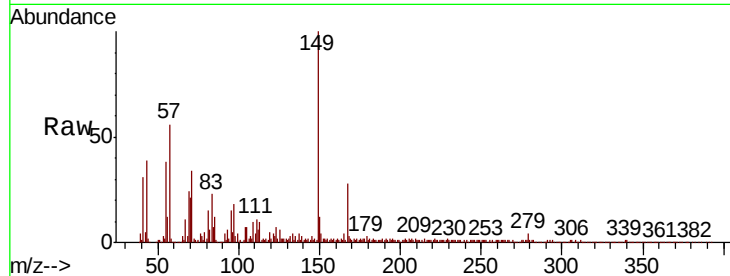
ClientSampleId :

CPSB-07(15-20)MS

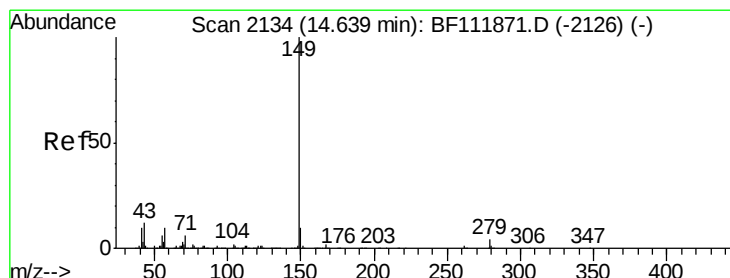
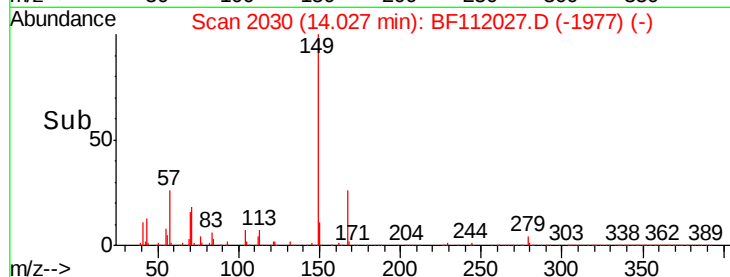
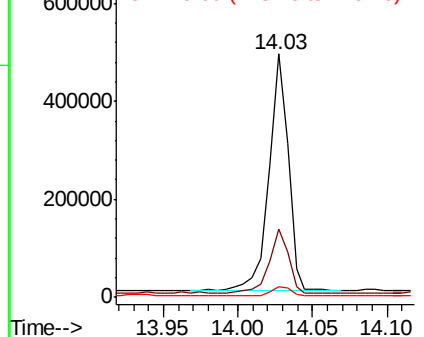
Tot Ion:	149	Resp:	431830
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.5	32.3
279	4.4	3.0	4.6

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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: 47.624 ng

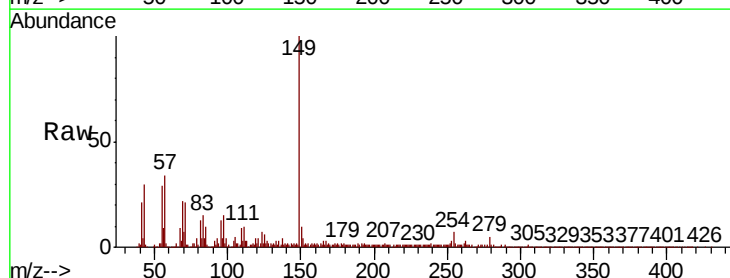
RT: 14.64 min Scan# 2134

Delta R.T. 0.02 min

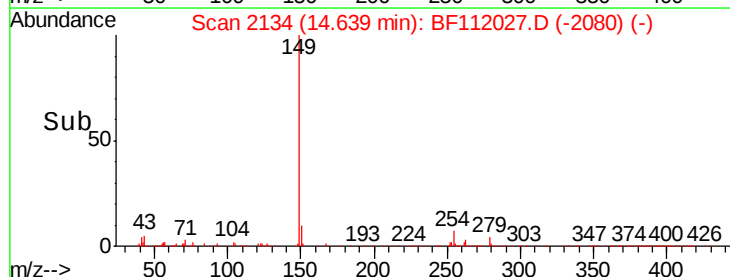
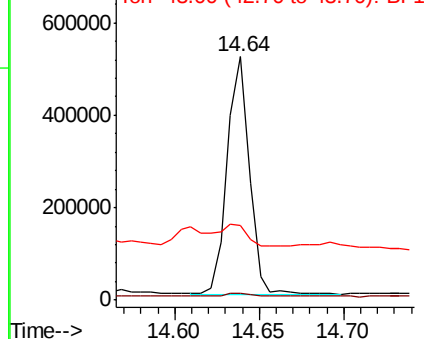
Lab File: BF112027.D

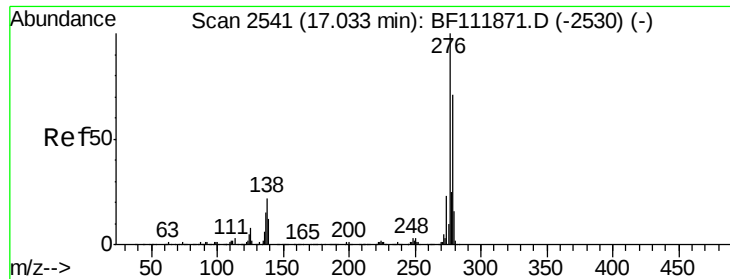
Acq: 11 Jan 2019 20:39

Tgt Ion:	149	Resp:	467557
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.2	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: 77.156 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.04 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

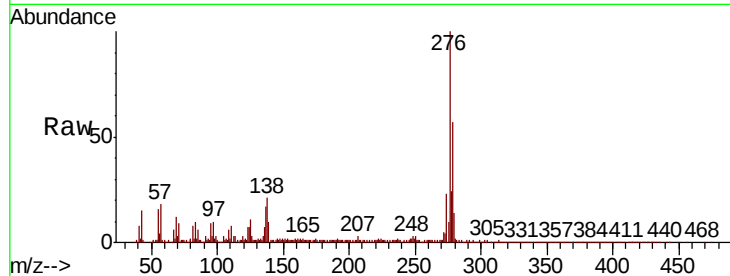
ClientSampleId :

CPSB-07(15-20)MS

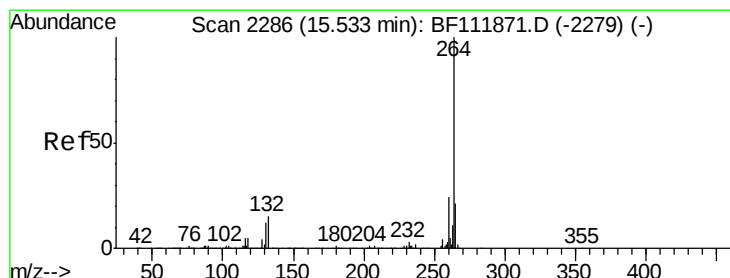
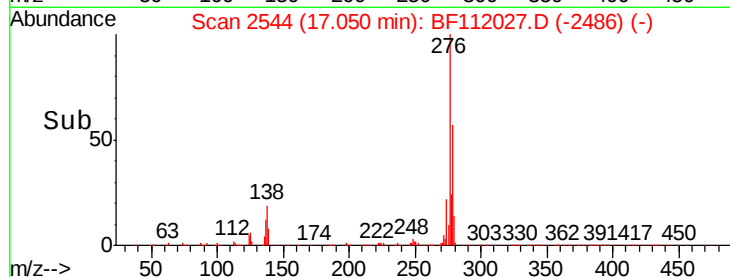
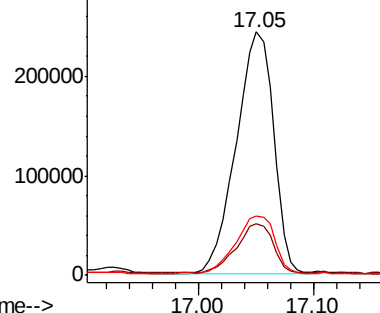
Tot Ion:	276	Resp:	554298
Ion Ratio	Lower	Upper	
276	100		
138	20.0	18.1	27.1
277	24.9	19.9	29.9

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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

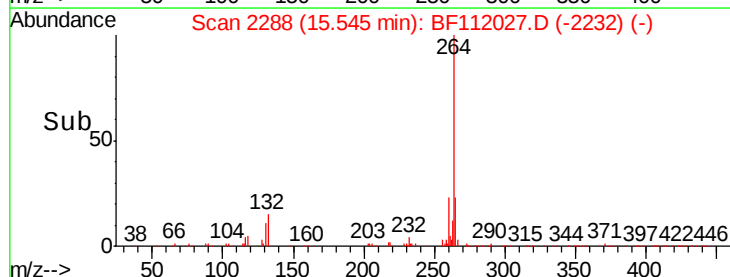
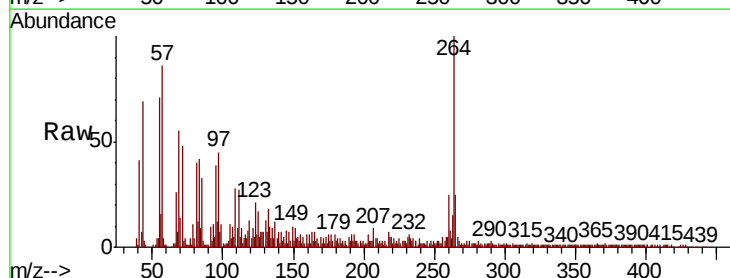
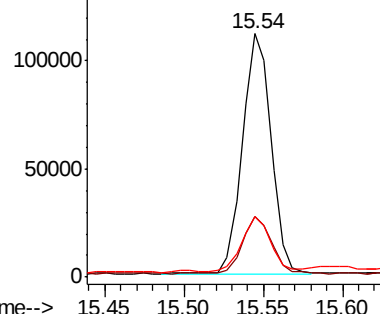
Delta R.T. 0.03 min

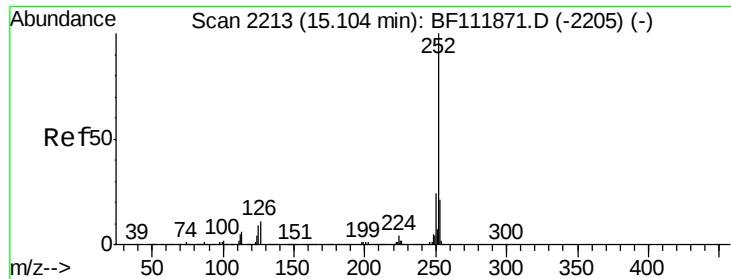
Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Tgt Ion:	264	Resp:	140048
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.2	28.8
265	24.7	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





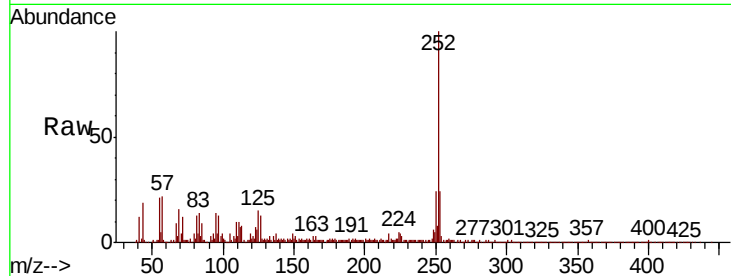
#88
Benzo(b)fluoranthene
Concen: 80.989 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.03 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	14.5	7.1	10.7

Manual Integrations
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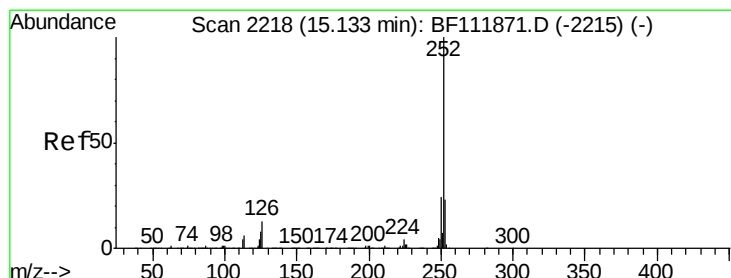
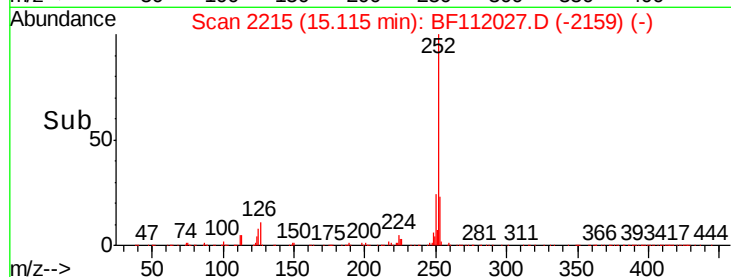
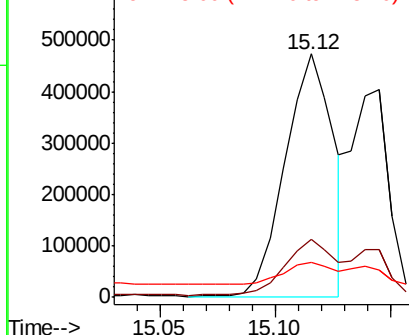


Abundance

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: 57.446 ng m
RT: 15.14 min Scan# 2220
Delta R.T. 0.03 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

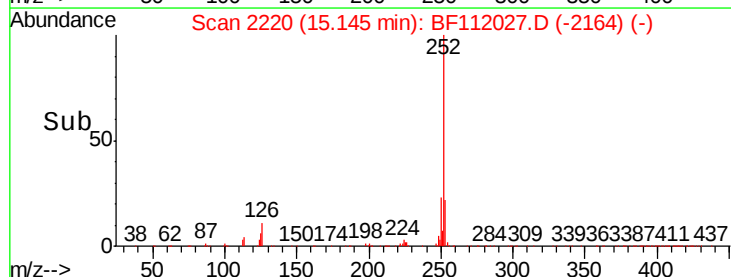
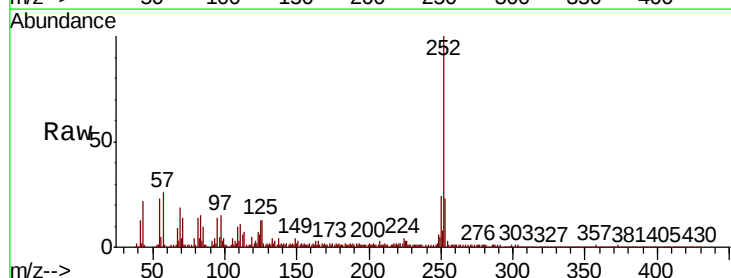
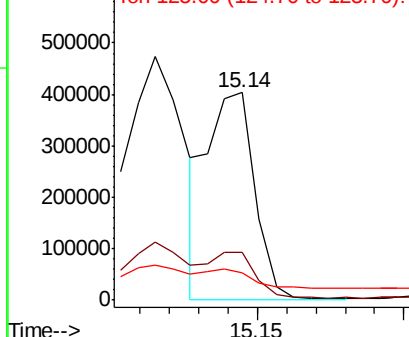
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	13.3	7.0	10.4

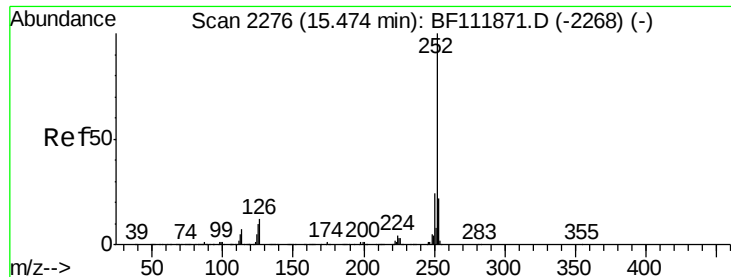
Abundance

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





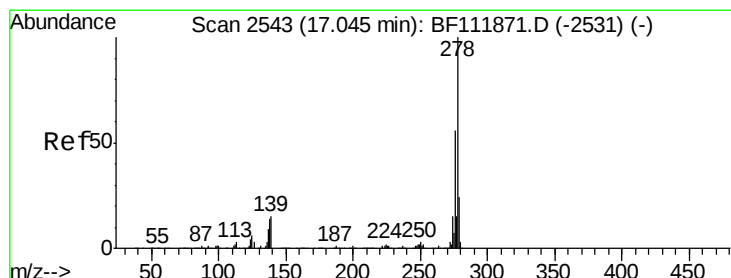
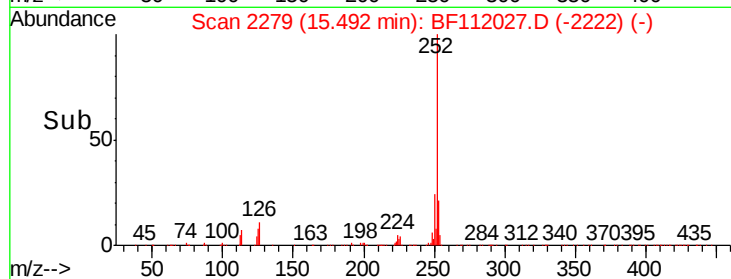
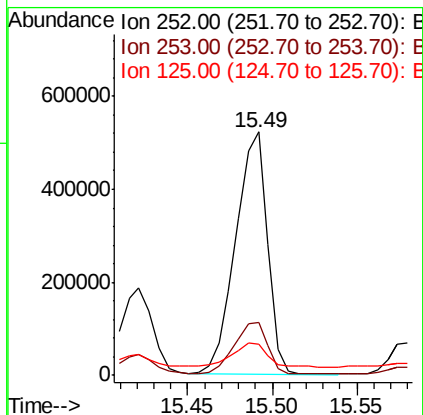
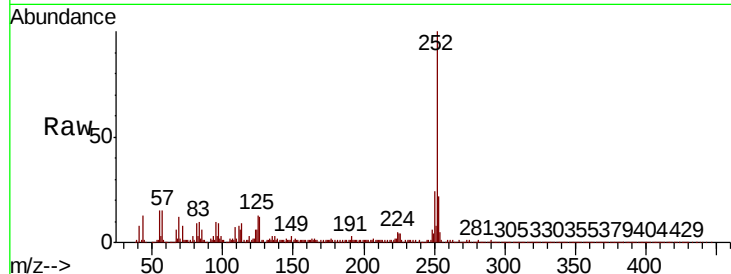
#90
Benzo(a)pyrene
Concen: 93.295 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	12.5	7.9	11.9

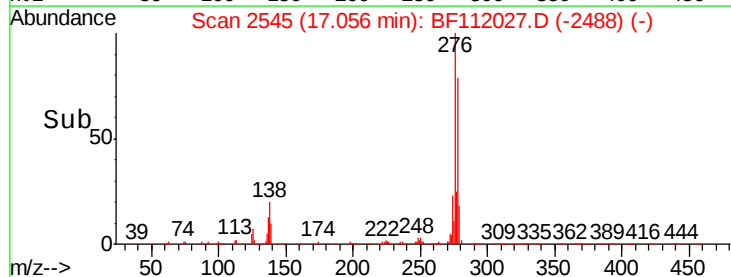
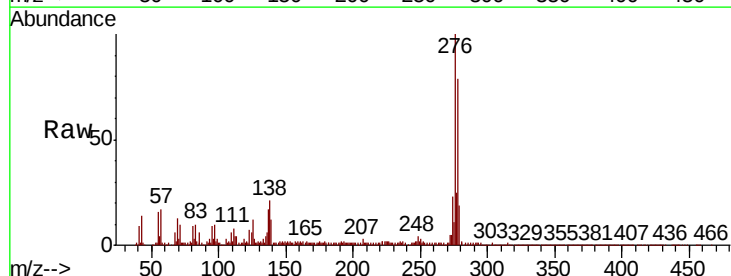
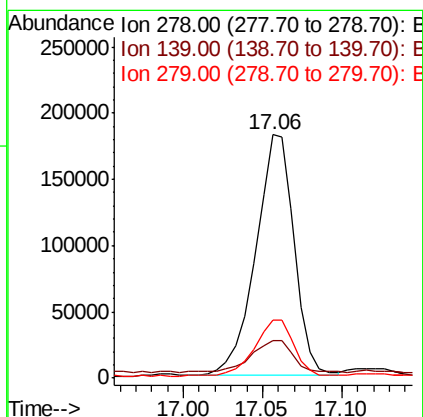
Manual Integrations
APPROVED

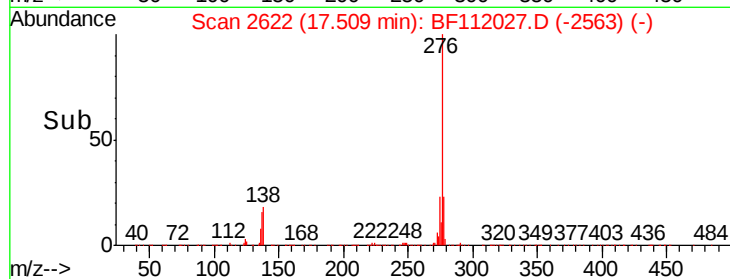
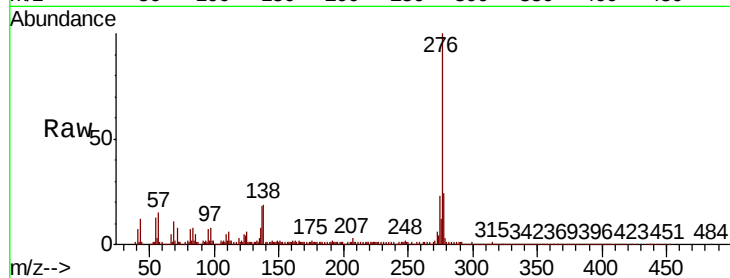
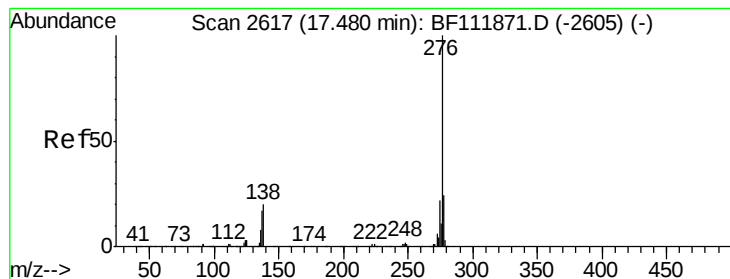
Sohil
1/14/2019 4:10:31 PM



#91
Dibenzo(a,h)anthracene
Concen: 51.894 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.04 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.8	17.6
279	23.6	19.4	29.2





#92

Benzo(a,h,i)perylene

Concen: 90.809 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.05 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

CPSB-07(15-20)MS

Tot Ion:	276	Resp:	526215
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.0	28.6
138	19.2	16.2	24.2

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Sohil
1/14/2019 4:10:31 PM

