

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112030.D
 Acq On : 11 Jan 2019 22:00
 Operator : JU/SJ
 Sample : K1088-11MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-06(15-20)MSD

Manual Integrations
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 1/14/2019 4:10:38 PM

Quant Time: Jan 12 01:43:11 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	71932	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	249359	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	110929	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	192339	20.00	ng	0.02
76) Chrysene-d12	14.07	240	165468	20.00	ng	0.03
87) Perylene-d12	15.56	264	147455	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	907974	215.95	ng	0.01
7) Phenol-d6	6.53	99	691341	127.57	ng	0.01
23) Nitrobenzene-d5	7.44	82	407169	87.27	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	174182	120.72	ng	0.01
45) 2-Fluorobiphenyl	9.23	172	737058	96.89	ng	0.00
79) Terphenyl-d14	13.01	244	849490	97.45	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	109090	59.338	ng	98
3) Pyridine	3.43	79	245363	51.491	ng	99
4) n-Nitrosodimethylamine	3.37	42	154576	65.199	ng	97
6) Aniline	6.54	93	58837	8.979	ng	# 1
8) 2-Chlorophenol	6.67	128	202891	43.457	ng	91
9) Benzaldehyde	6.42	77	70736	19.201	ng	97
10) Phenol	6.54	94	264382	44.887	ng	84
11) bis(2-Chloroethyl)ether	6.61	93	191801	42.093	ng	95
12) 1,3-Dichlorobenzene	6.82	146	226492	41.847	ng	99
13) 1,4-Dichlorobenzene	6.89	146	231420	42.135	ng	97
14) 1,2-Dichlorobenzene	7.05	146	217348	41.399	ng	99
15) Benzyl Alcohol	7.02	79	177545	41.408	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	278683	35.872	ng	83
17) 2-Methylphenol	7.14	107	158652	42.281	ng	94
18) Hexachloroethane	7.39	117	58766	30.645	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	148260	42.107	ng	99
20) 3+4-Methylphenols	7.29	107	209498	44.861	ng	# 77
22) Acetophenone	7.28	105	283360	44.885	ng	92
24) Nitrobenzene	7.46	77	205855	43.616	ng	97
25) Isophorone	7.70	82	367448	48.635	ng	98
26) 2-Nitrophenol	7.77	139	83490	35.926	ng	97
27) 2,4-Dimethylphenol	7.82	122	173029	51.495	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	231303	45.866	ng	98
29) 2,4-Dichlorophenol	8.03	162	169026	43.746	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	179140	42.028	ng	99
31) Naphthalene	8.19	128	560034	47.311	ng	98
32) Benzoic acid	7.89	122	4366m	2.002	ng	
33) 4-Chloroaniline	8.23	127	51476	10.060	ng	95
34) Hexachlorobutadiene	8.30	225	112279	42.313	ng	99
35) Caprolactam	8.58	113	57622m	45.646	ng	
36) 4-Chloro-3-methylphenol	8.72	107	164677	42.866	ng	94
37) 2-Methylnaphthalene	8.87	142	357662	48.762	ng	99
38) 1-Methylnaphthalene	8.97	142	329319	46.811	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	166213	47.000	ng	99

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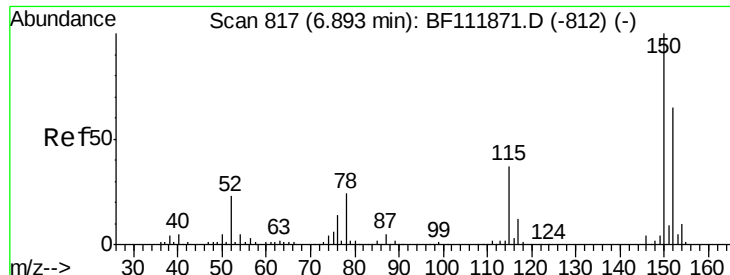
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	2454	1.200	nq	89
43) 2,4,6-Trichlorophenol	9.16	196	108112	45.072	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	109957	43.753	nq #	94
46) 1,1'-Biphenyl	9.34	154	434448	46.820	nq	97
47) 2-Chloronaphthalene	9.36	162	323811	44.464	nq	98
48) 2-Nitroaniline	9.46	65	110449	49.606	nq	92
49) Acenaphthylene	9.78	152	498610	46.311	nq	99
50) Dimethylphthalate	9.63	163	442680	53.123	nq	98
51) 2,6-Dinitrotoluene	9.70	165	75269	40.392	nq	97
52) Acenaphthene	9.96	154	405112	58.365	nq	96
53) 3-Nitroaniline	9.86	138	62172	31.155	nq #	95
54) 2,4-Dinitrophenol	9.98	184	545	0.691	nq #	1
55) Dibenzofuran	10.13	168	509415	50.465	nq	98
56) 4-Nitrophenol	10.05	139	113667	80.613	nq	88
57) 2,4-Dinitrotoluene	10.10	165	103654	43.048	nq #	97
58) Fluorene	10.47	166	445158	60.606	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	83208	39.296	nq #	87
60) Diethylphthalate	10.33	149	379249	47.028	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	171380	41.608	nq	94
62) 4-Nitroaniline	10.48	138	85034	44.925	nq	88
63) Azobenzene	10.62	77	329860	42.818	nq	89
65) 4,6-Dinitro-2-methylphenol	10.52	198	2862	2.412	nq #	1
66) n-Nitrosodiphenylamine	10.57	169	333461	51.664	nq	97
67) 4-Bromophenyl-phenylether	10.95	248	102090	40.980	nq	94
68) Hexachlorobenzene	11.03	284	124770	45.191	nq	96
69) Atrazine	11.11	200	109107	48.113	nq	97
70) Pentachlorophenol	11.22	266	93442	59.475	nq	99
71) Phenanthrene	11.44	178	716011	69.628	nq	99
72) Anthracene	11.49	178	610435	58.476	nq	97
73) Carbazole	11.64	167	638128	62.844	nq	97
74) Di-n-butylphthalate	11.97	149	744718	63.140	nq	98
75) Fluoranthene	12.64	202	868272	82.247	nq	97
77) Benzidine	12.74	184	130781	26.451	nq #	83
78) Pyrene	12.87	202	794316	69.767	nq	99
80) Butylbenzylphthalate	13.47	149	268827	55.851	nq	90
81) Benzo(a)anthracene	14.06	228	491663	51.629	nq	98
82) 3,3'-Dichlorobenzidine	14.02	252	42323	12.038	nq #	85
83) Chrysene	14.10	228	450001	49.560	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	553018	87.485	nq #	96
85) Di-n-octyl phthalate	14.64	149	490132	54.181	nq #	57
86) Indeno(1,2,3-cd)pyrene	17.07	276	371804	56.167	nq	99
88) Benzo(b)fluoranthene	15.12	252	370966	42.057	nq #	81
89) Benzo(k)fluoranthene	15.16	252	311357	37.552	nq #	89
90) Benzo(a)pyrene	15.50	252	394454	50.860	nq #	88
91) Dibenzo(a,h)anthracene	17.07	278	301338	48.308	nq #	96
92) Benzo(g,h,i)perylene	17.52	276	210345	34.476	nq	98

(#) = 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: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:152 Resp: 71932

Ion Ratio Lower Upper

152 100

150 154.0 122.7 184.1

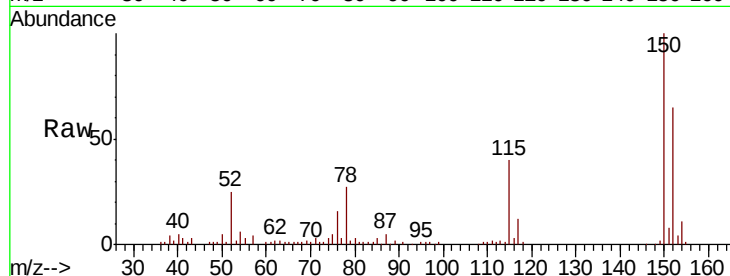
115 61.8 45.2 67.8

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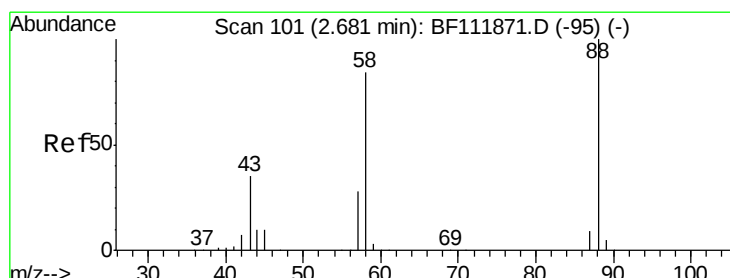
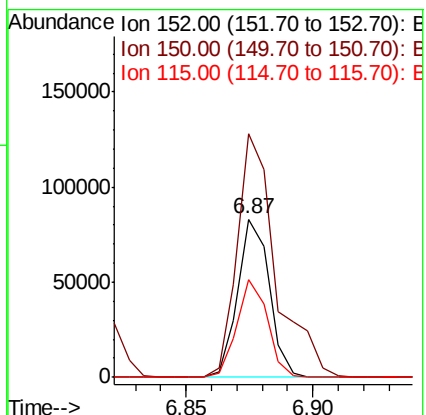
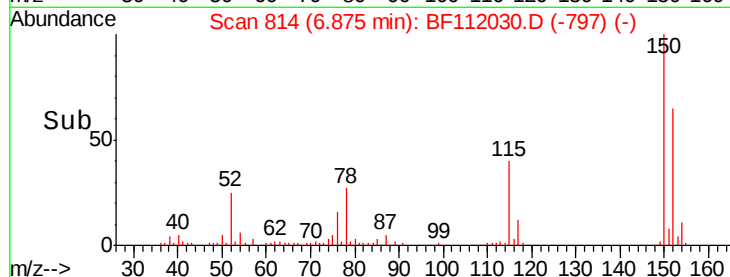
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 59.338 ng

RT: 2.66 min Scan# 97

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

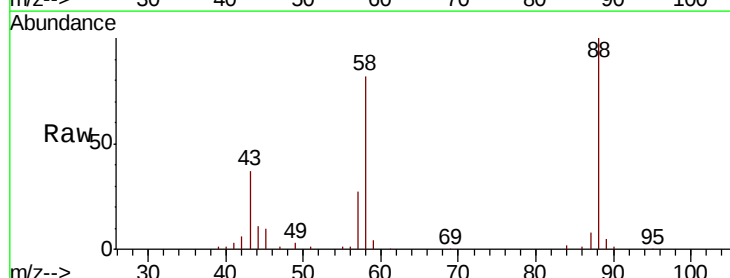
Tgt Ion: 88 Resp: 109090

Ion Ratio Lower Upper

88 100

58 82.2 67.6 101.4

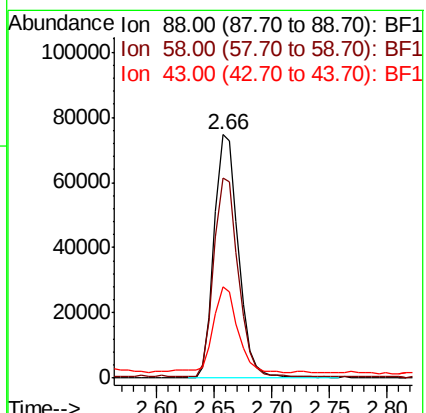
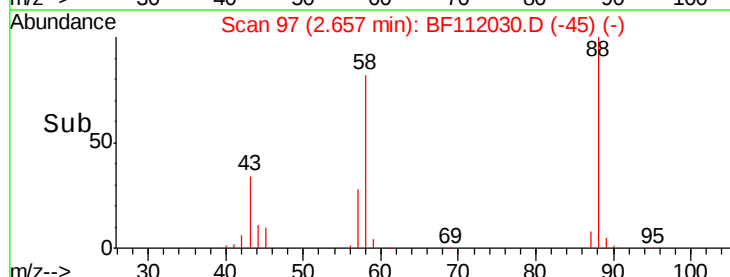
43 35.5 29.0 43.6

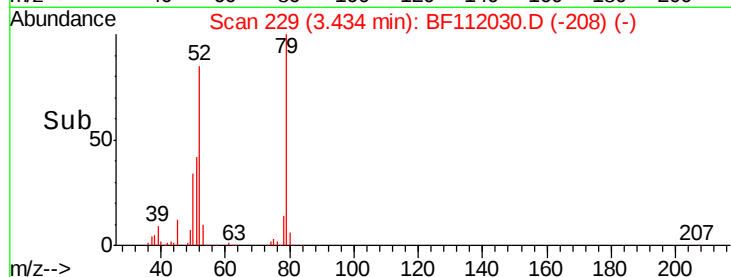
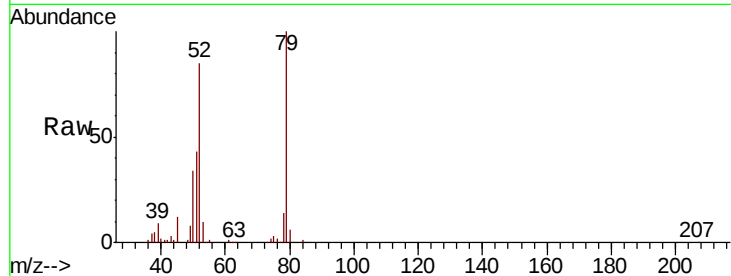
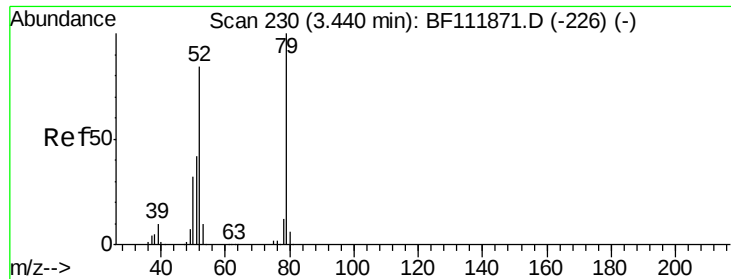


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





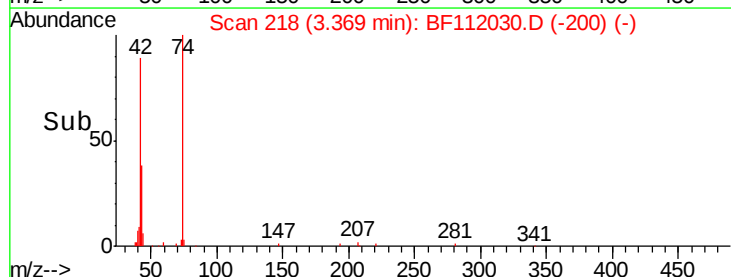
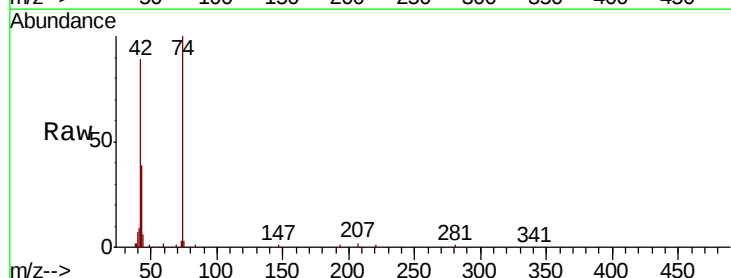
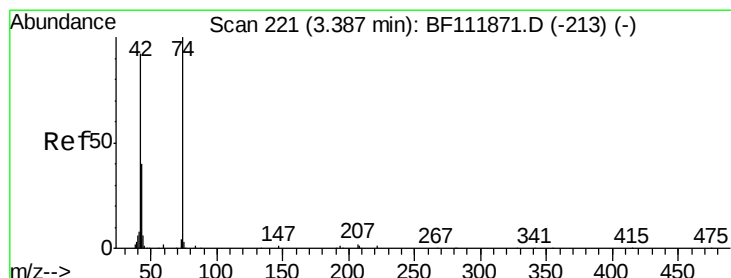
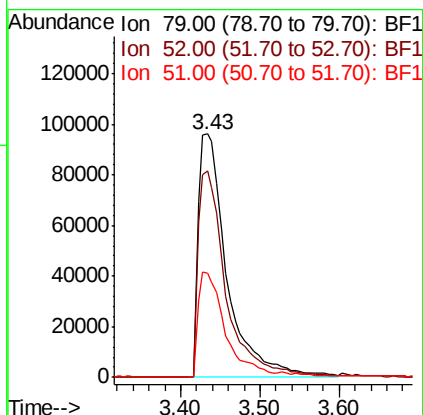
#3
 Pvridine
 Concen: 51.491 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.02 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.8	67.0	100.6
51	42.6	34.2	51.2

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-06(15-20)MSD

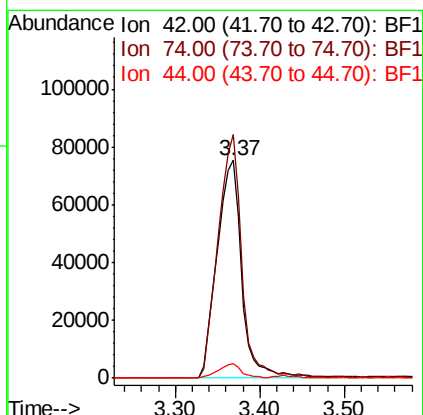
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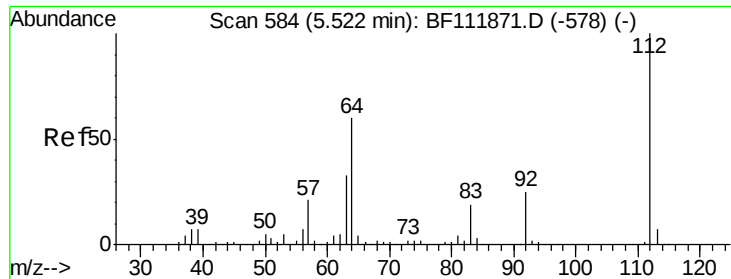
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#4
 n-Nitrosodimethylamine
 Concen: 65.199 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.01 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.8	87.0	130.6
44	6.5	5.5	8.3





#5

2-Fluorophenol

Concen: 215.951 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

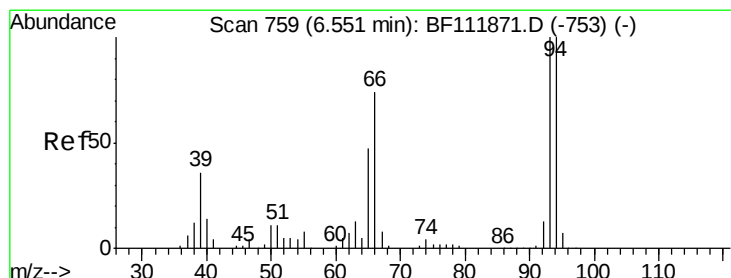
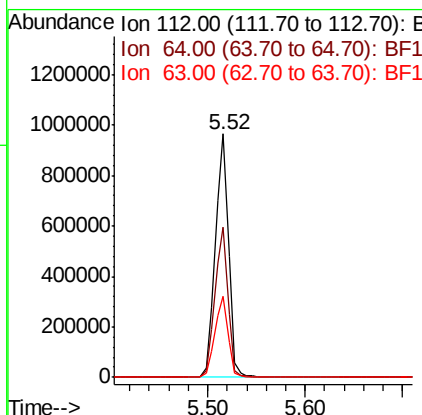
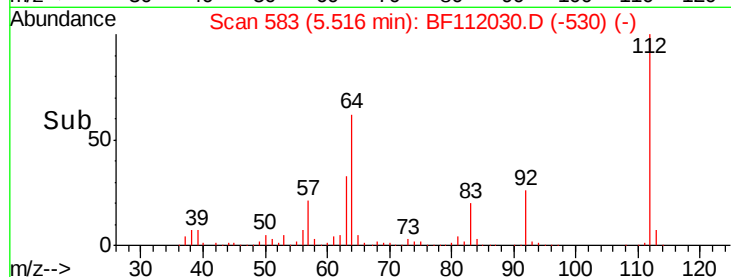
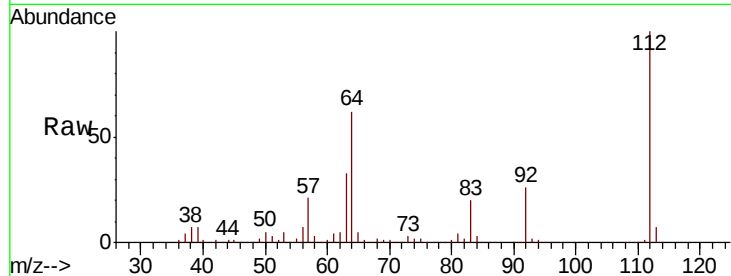
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:	112	Resp:	907974
Ion Ratio	Lower	Upper	
112	100		
64	61.8	48.3	72.5
63	33.4	26.1	39.1

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#6

Aniline

Concen: 8.979 ng

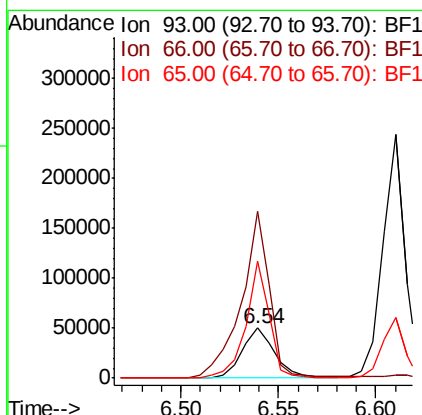
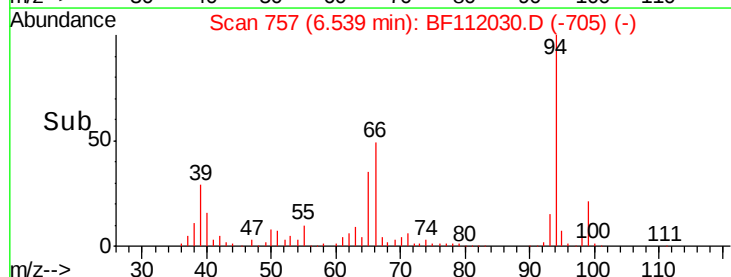
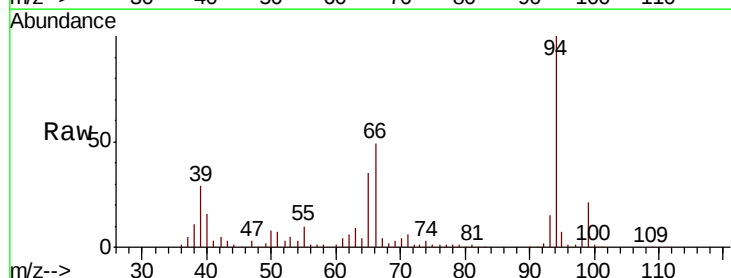
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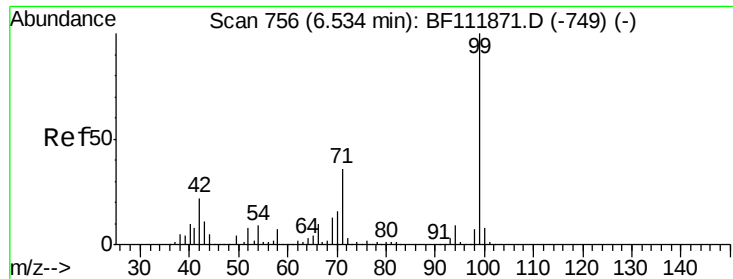
Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Tgt Ion:	93	Resp:	58837
Ion Ratio	Lower	Upper	
93	100		
66	332.6	60.0	90.0#
65	233.8	37.5	56.3#





#7

Phenol-d6

Concen: 127.574 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

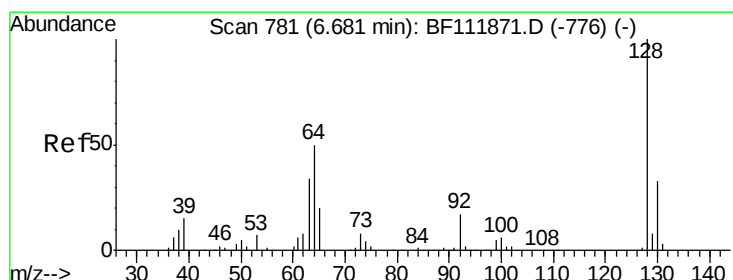
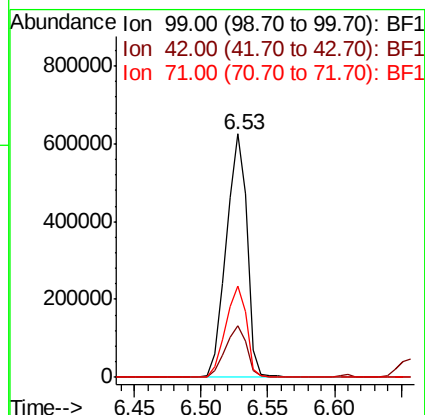
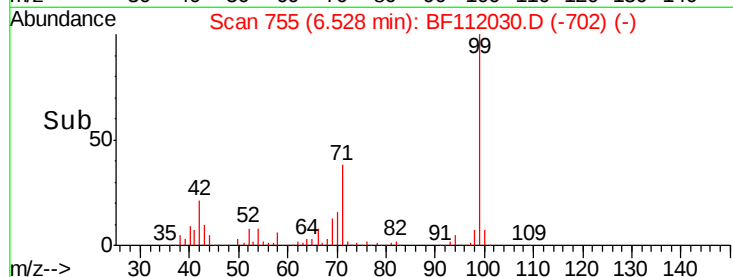
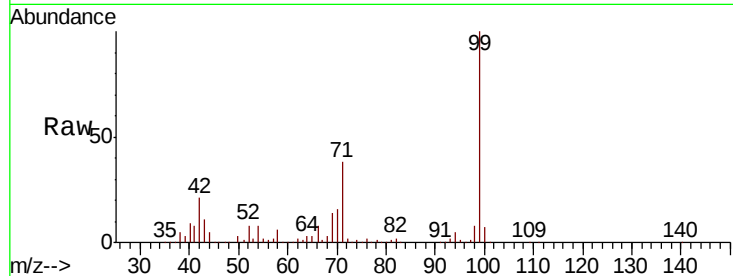
ClientSampleId :

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Tot Ion:	99	Resp:	691341
Ion Ratio	Lower	Upper	
99	100		
42	21.1	17.9	26.9
71	37.6	28.7	43.1

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#8

2-Chlorophenol

Concen: 43.457 ng

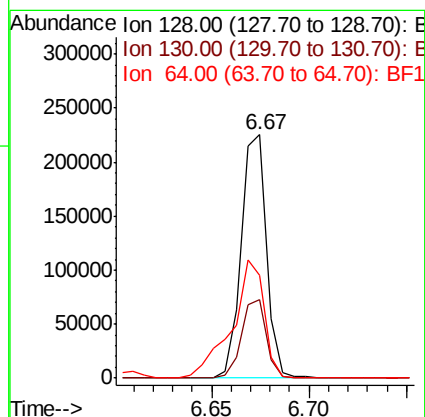
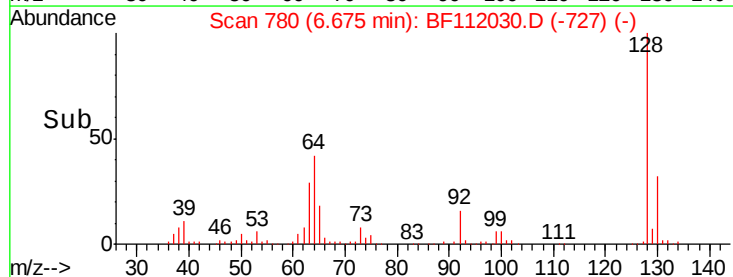
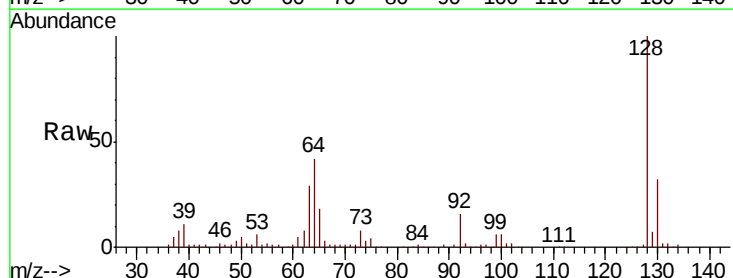
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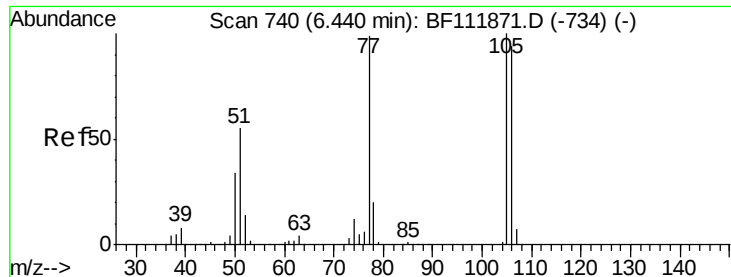
Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Tgt Ion:	128	Resp:	202891
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.7	52.7
64	42.1	31.8	71.8





#9

Benzaldehyde

Concen: 19.201 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

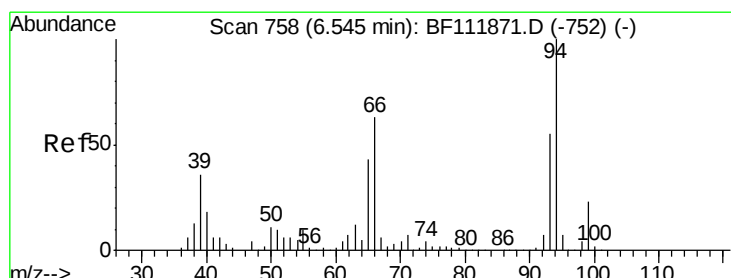
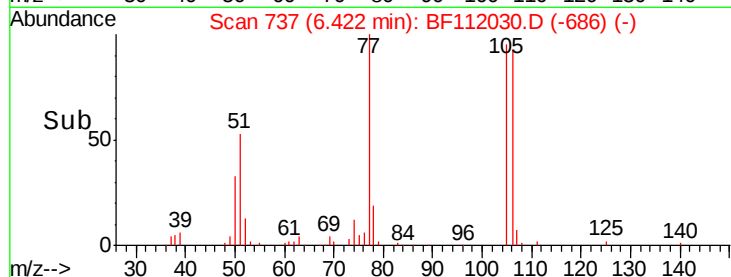
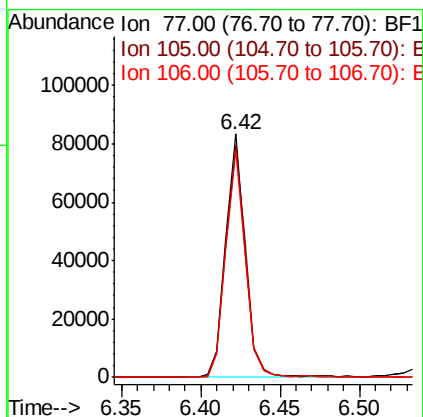
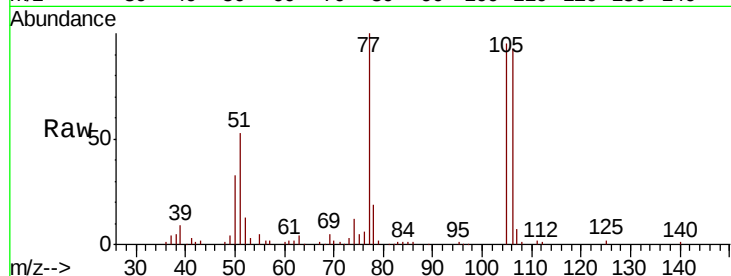
ClientSampleId :

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Tot Ion:	77	Resp:	70736
Ion	Ratio	Lower	Upper
77	100		
105	95.3	80.6	120.6
106	93.4	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 44.887 ng

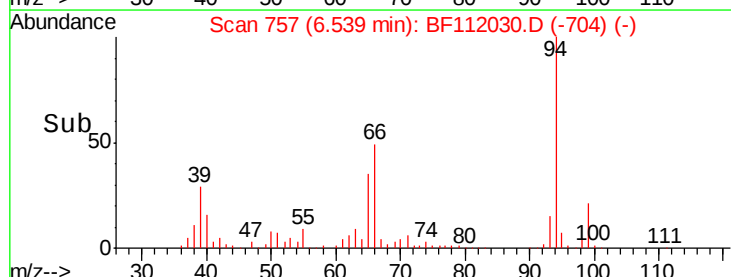
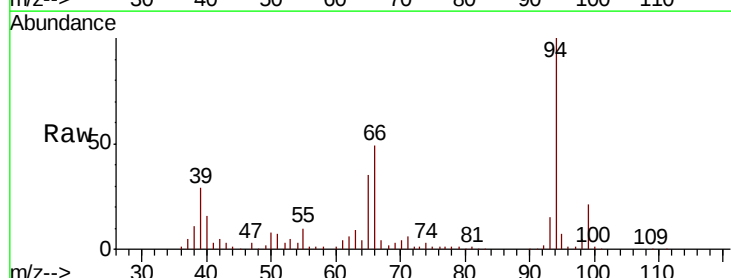
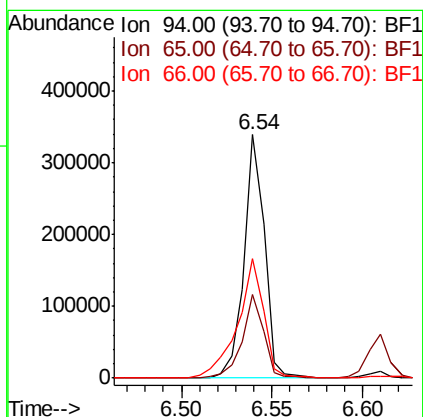
RT: 6.54 min Scan# 757

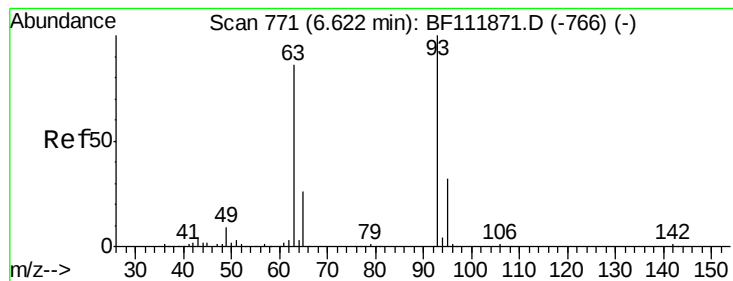
Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Tgt Ion:	94	Resp:	264382
Ion	Ratio	Lower	Upper
94	100		
65	34.6	22.8	62.8
66	49.2	43.3	83.3





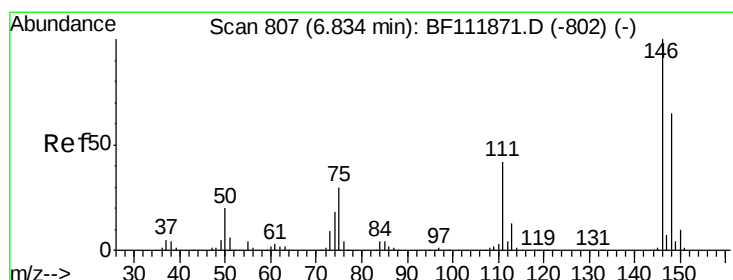
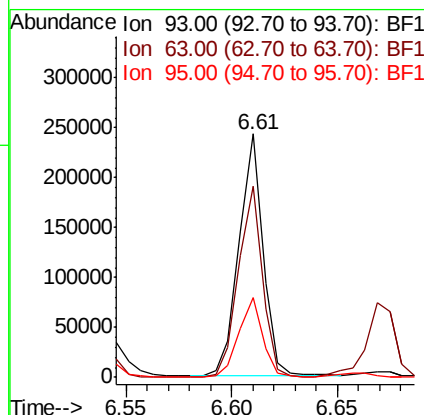
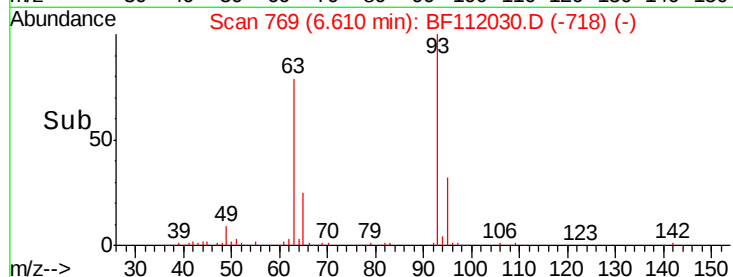
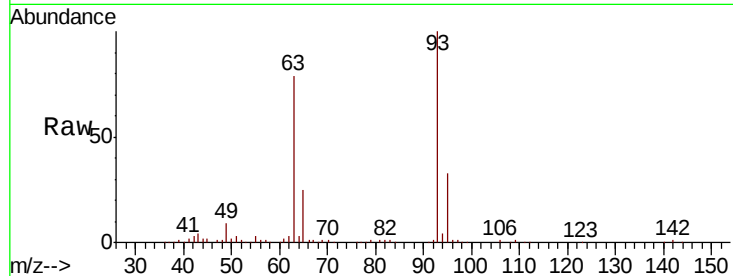
#11
bis(2-Chloroethyl)ether
Concen: 42.093 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.8	65.2	105.2
95	32.5	11.9	51.9

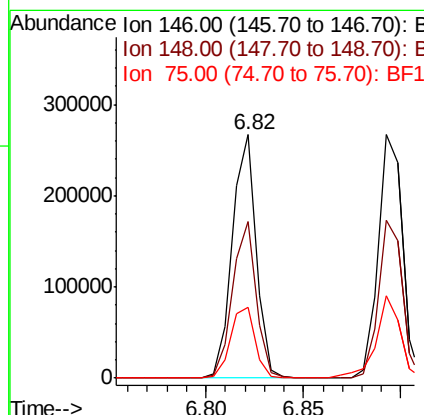
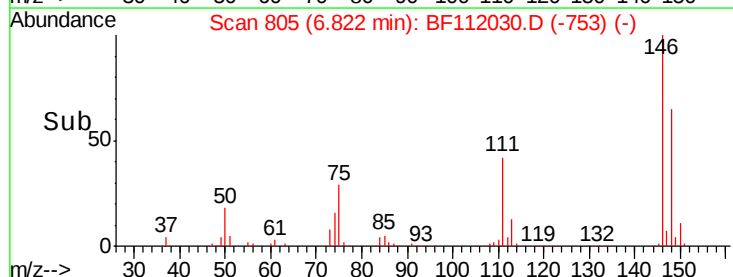
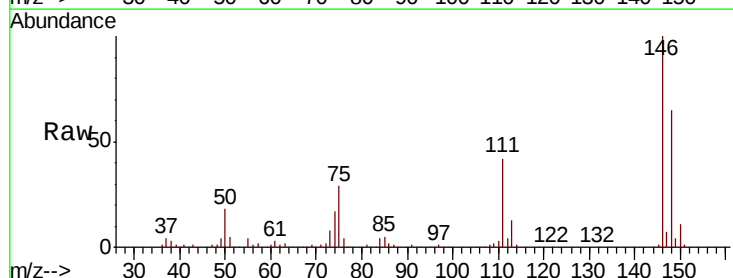
Manual Integrations
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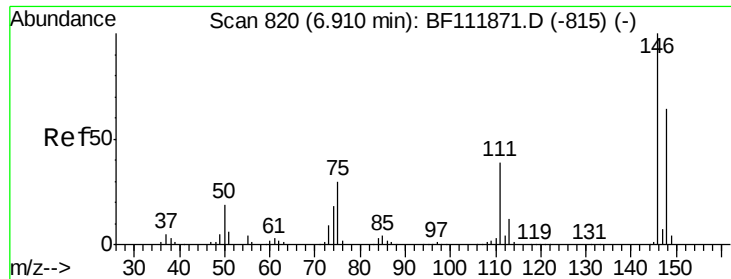
Sohil
1/14/2019 4:10:38 PM



#12
1,3-Dichlorobenzene
Concen: 41.847 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.6
75	29.1	24.3	36.5





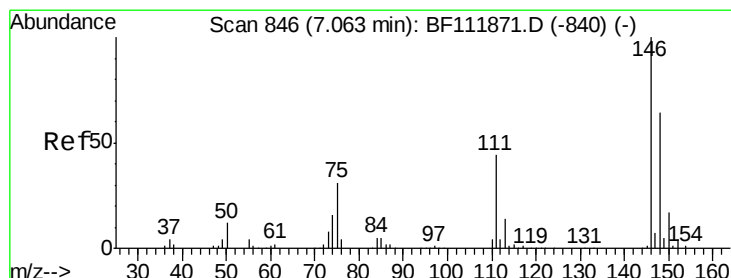
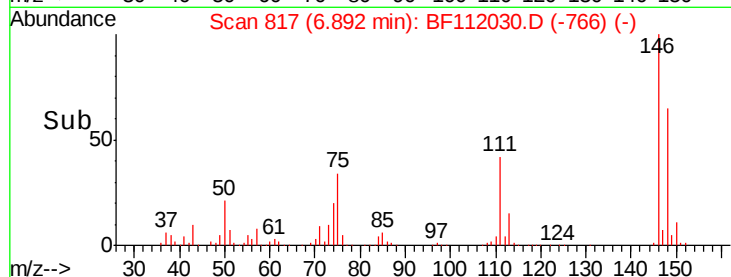
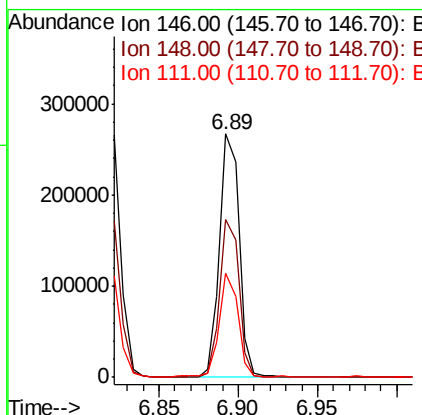
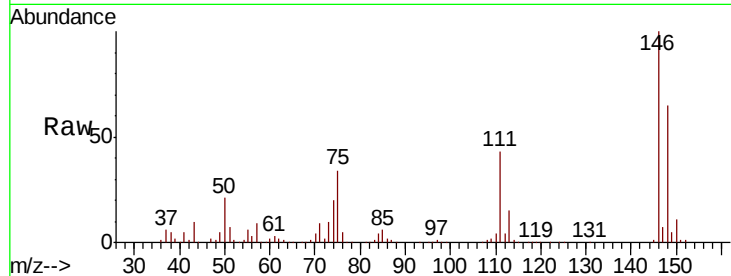
#13
 1,4-Dichlorobenzene
 Concen: 42.135 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.2	76.8
111	42.7	31.5	47.3

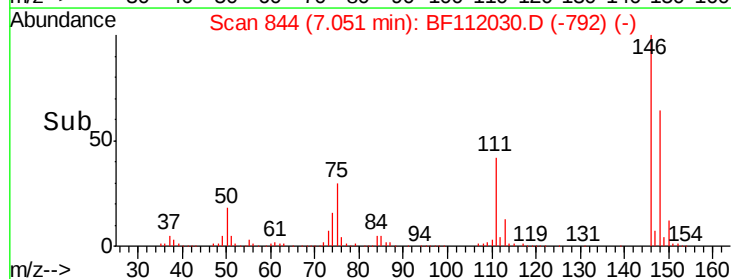
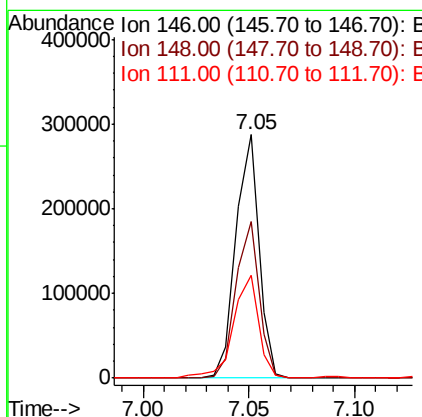
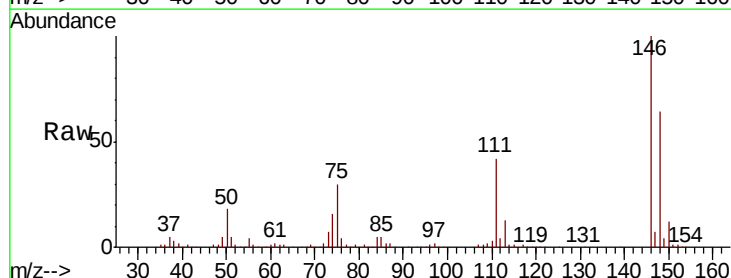
Manual Integrations
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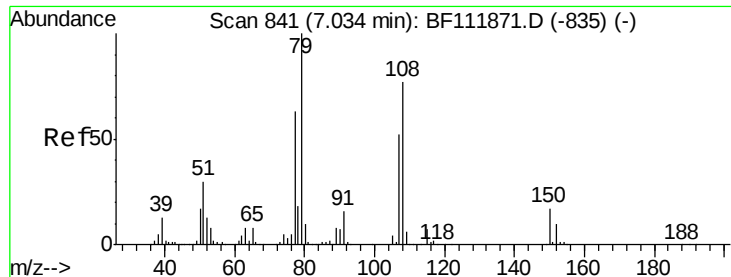
Sohil
 1/14/2019 4:10:38 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.399 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.5	77.3
111	42.4	35.5	53.3





#15

Benzyl Alcohol

Concen: 41.408 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

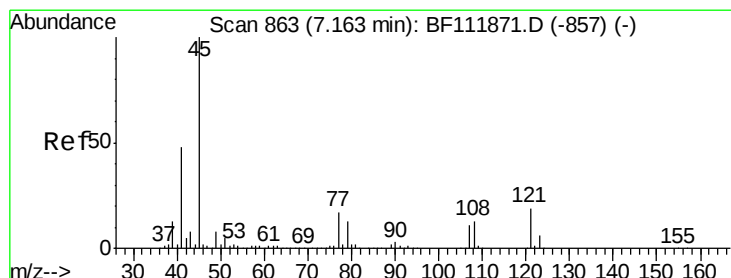
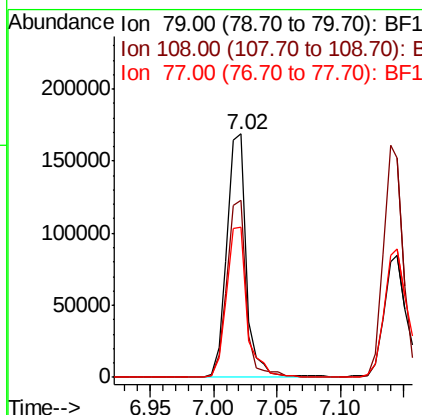
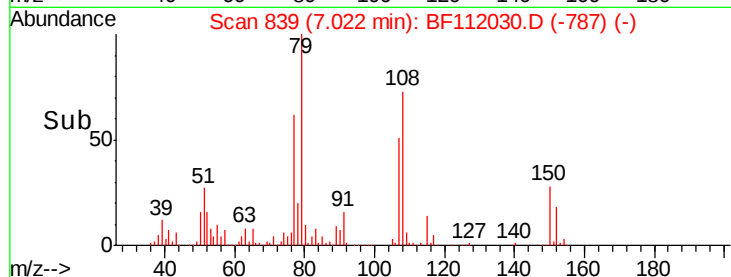
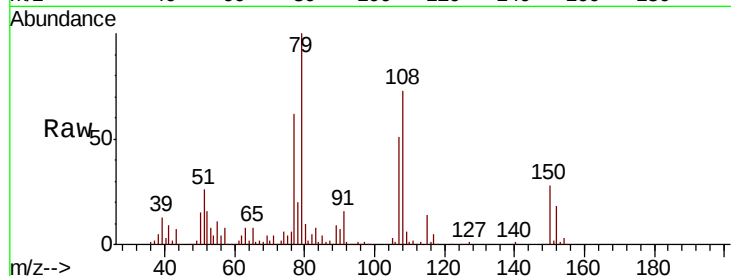
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:	79	Resp:	177545
Ion Ratio	Lower	Upper	
79	100		
108	72.7	61.4	92.0
77	61.6	50.4	75.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.872 ng

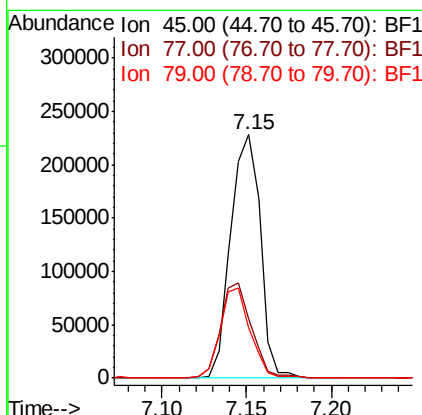
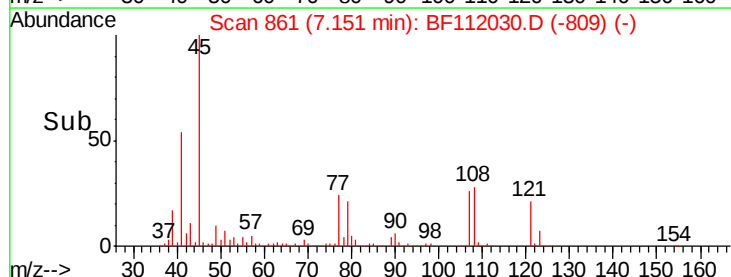
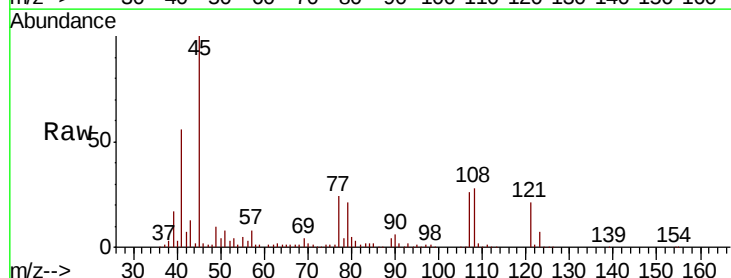
RT: 7.15 min Scan# 861

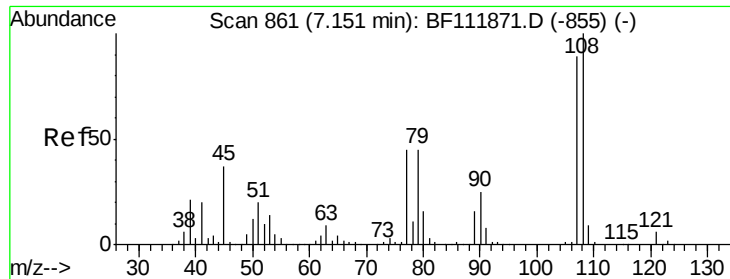
Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Tgt Ion:	45	Resp:	278683
Ion Ratio	Lower	Upper	
45	100		
77	24.5	0.0	37.1
79	20.8	0.0	33.9





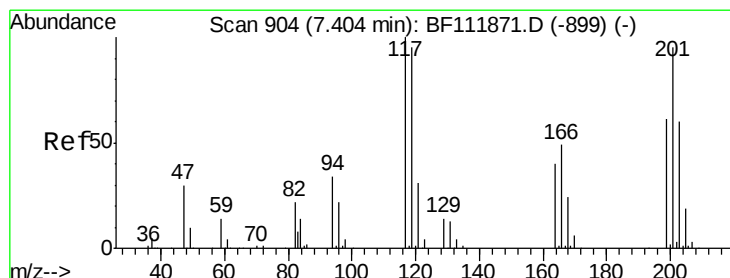
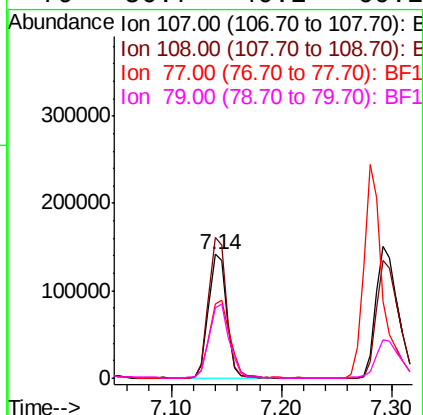
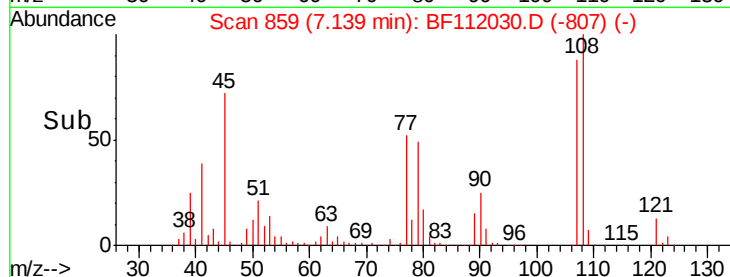
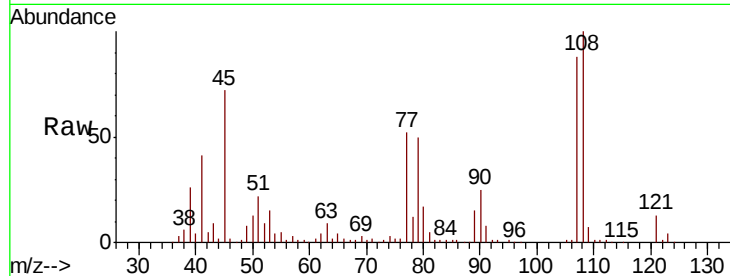
#17
2-Methylphenol
Concen: 42.281 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion:	107	Resp:	158652
Ion Ratio	Lower	Upper	
107	100		
108	113.5	89.7	134.5
77	59.6	40.6	60.8
79	56.7	40.2	60.2

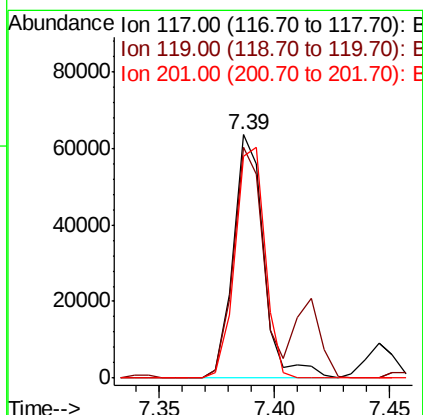
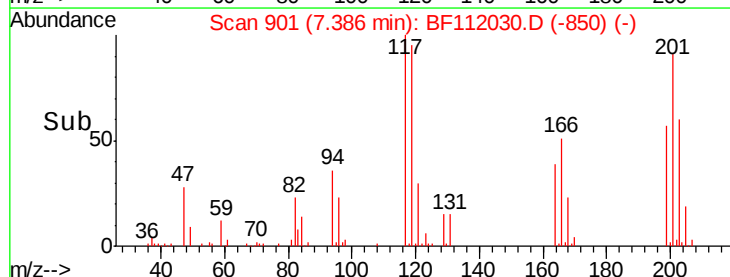
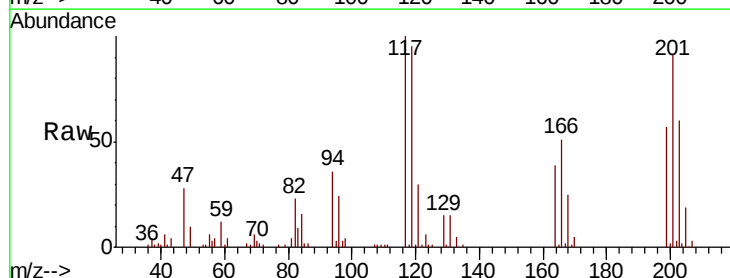
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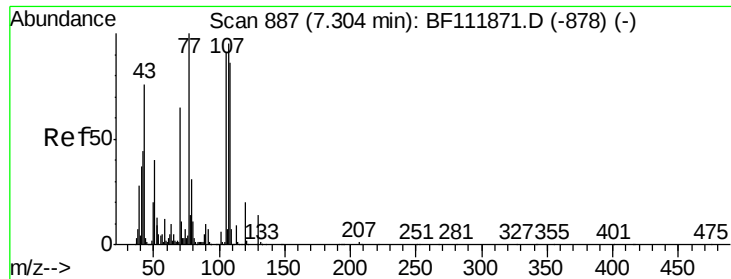
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#18
Hexachloroethane
Concen: 30.645 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion:	117	Resp:	58766
Ion Ratio	Lower	Upper	
117	100		
119	94.9	76.2	114.2
201	91.1	75.7	113.5





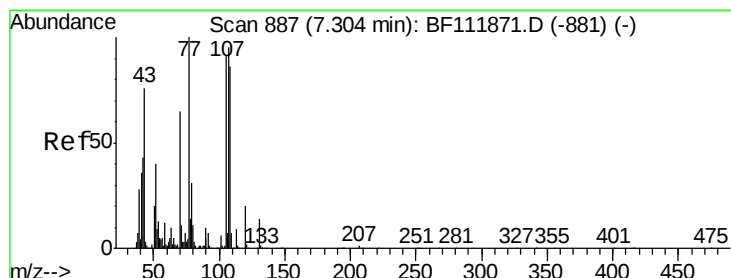
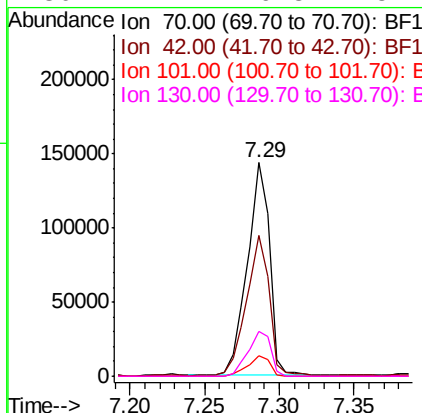
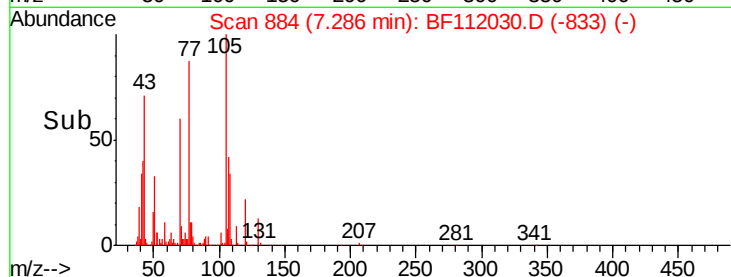
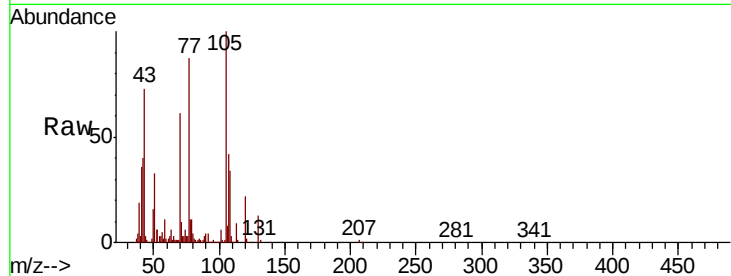
#19
n-Nitroso-di-n-propylamine
Concen: 42.107 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	66.1	53.6	80.4		
101	9.3	7.3	10.9		
130	21.2	16.8	25.2		

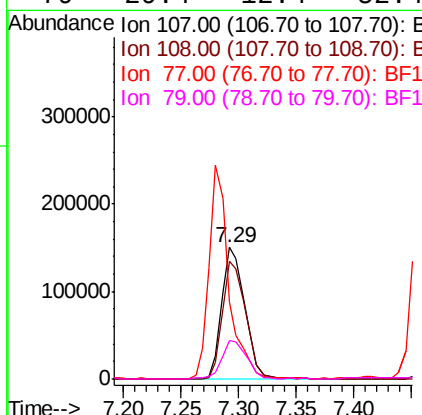
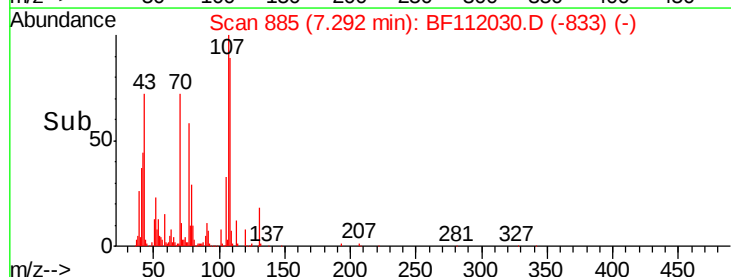
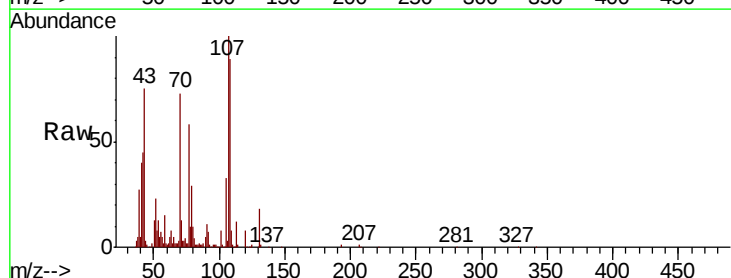
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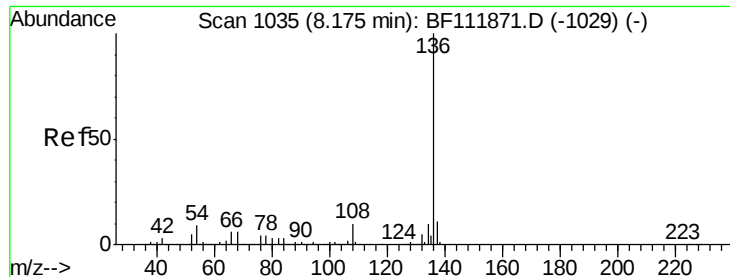
Sohil
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#20
3+4-Methylphenols
Concen: 44.861 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.1	71.1	111.1		
77	58.1	85.4	125.4#		
79	29.4	12.4	52.4		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

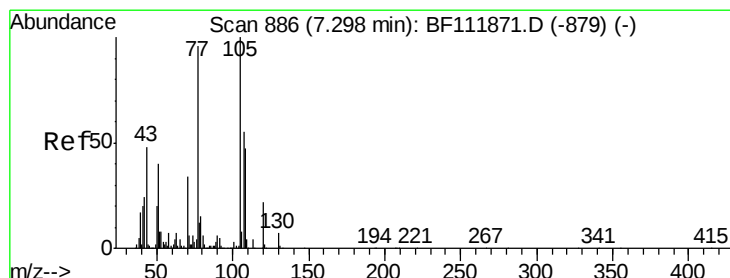
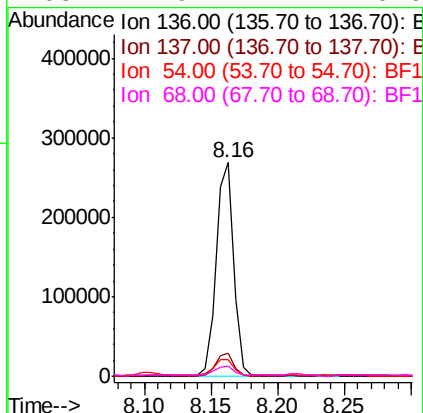
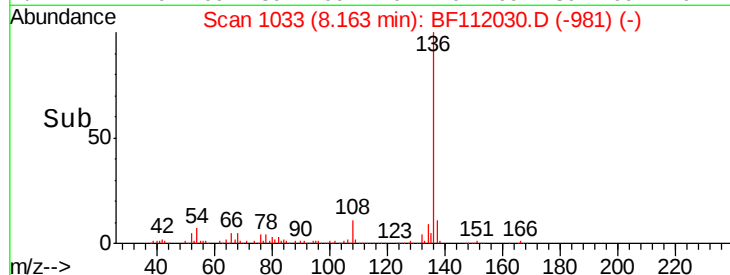
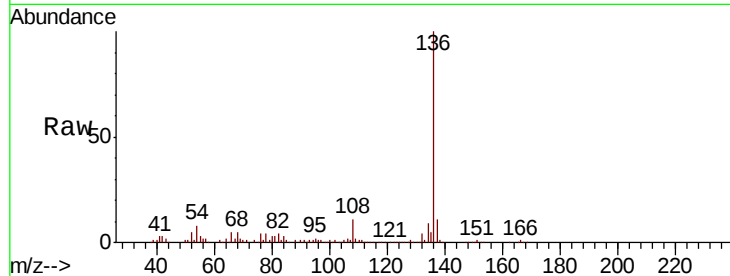
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		249359		
137	10.6		9.1	13.7	
54	7.6		7.2	10.8	
68	4.9		4.4	6.6	

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#22

Acetophenone

Concen: 44.885 ng

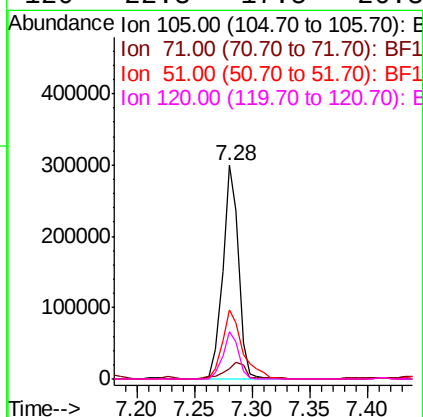
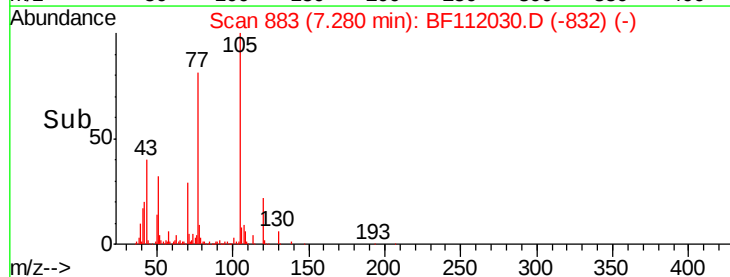
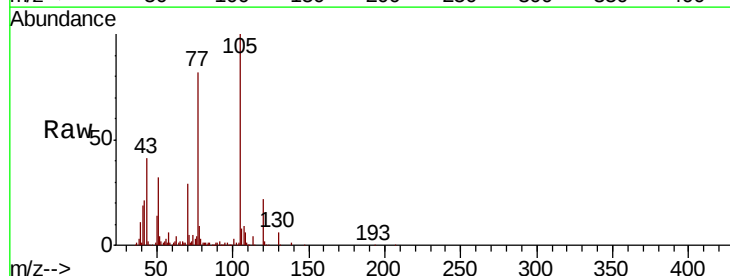
RT: 7.28 min Scan# 883

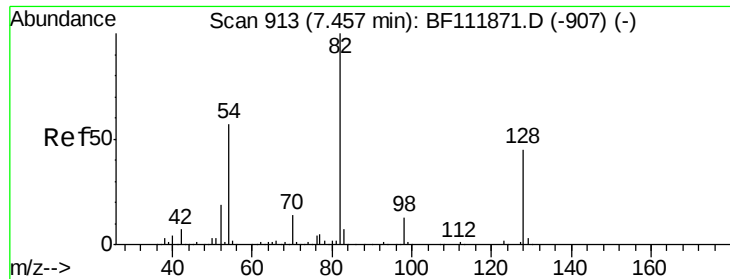
Delta R.T. -0.00 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		283360		
71	5.0		4.6	6.8	
51	32.4		32.2	48.2	
120	22.3		17.5	26.3	





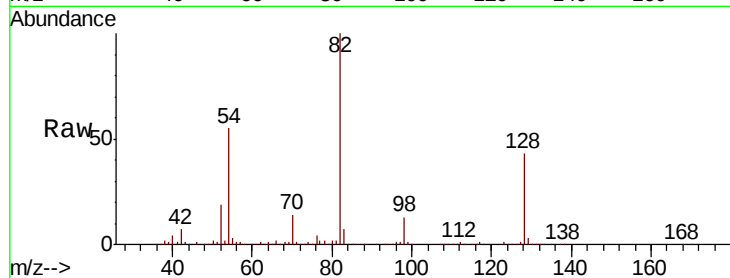
#23
Nitrobenzene-d5
Concen: 87.269 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.7	53.5
54	54.9	45.8	68.8

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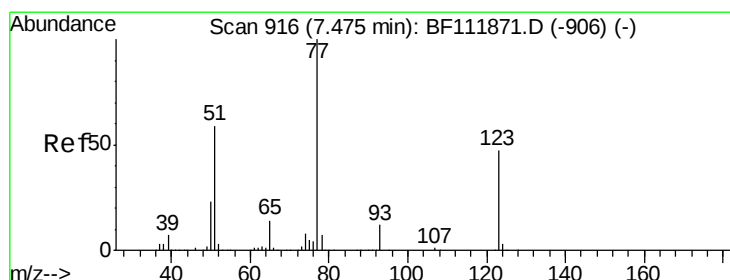
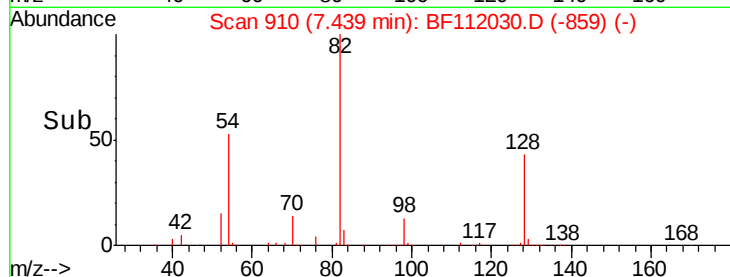
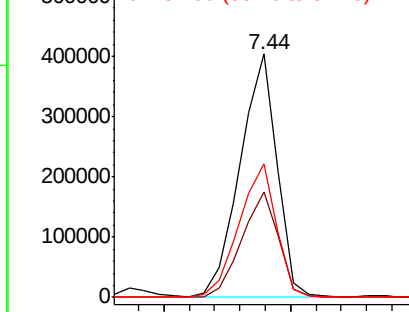


Abundance

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: 43.616 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

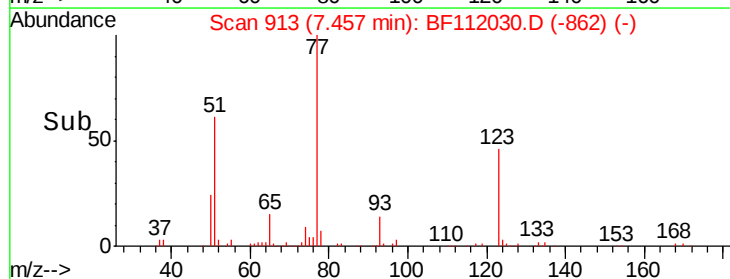
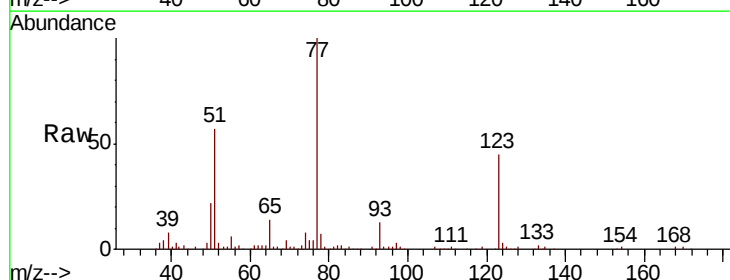
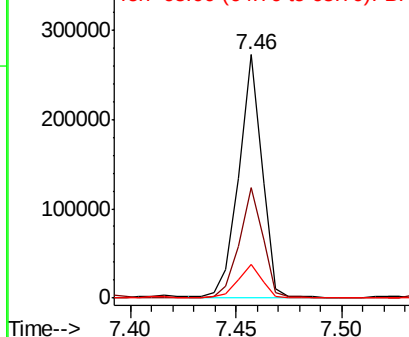
Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	38.1	57.1
65	14.1	11.0	16.4

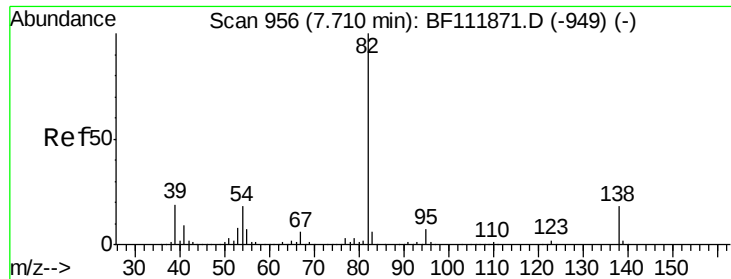
Abundance

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: 48.635 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

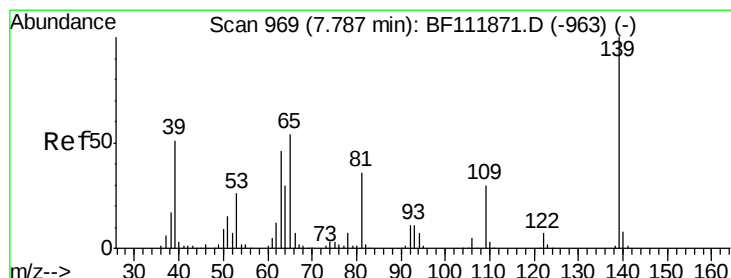
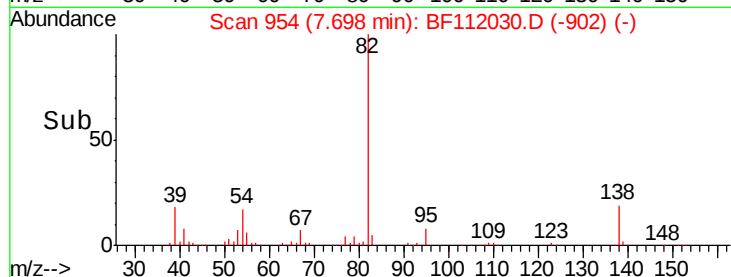
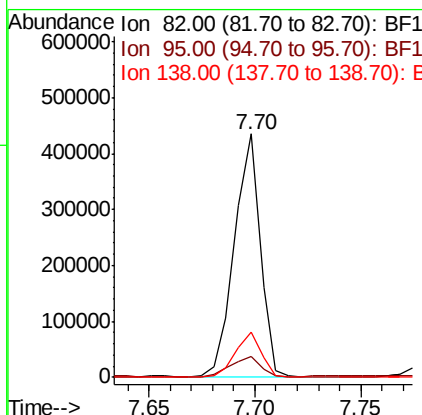
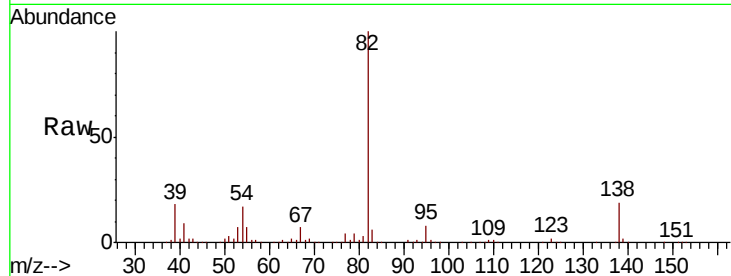
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:	82	Resp:	367448
Ion Ratio	Lower	Upper	
82	100		
95	8.4	5.8	8.6
138	18.6	14.4	21.6

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#26

2-Nitrophenol

Concen: 35.926 ng

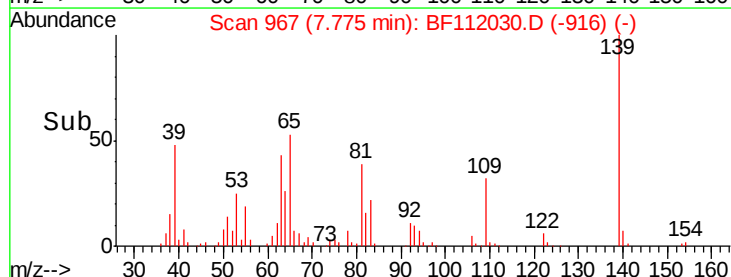
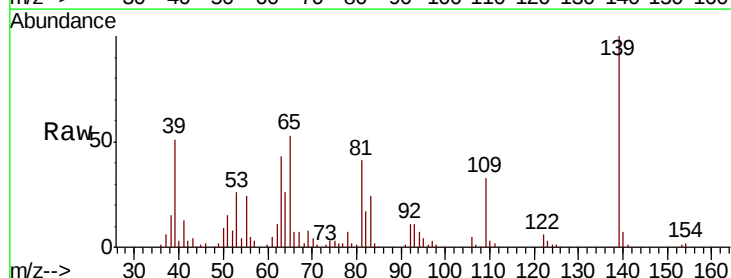
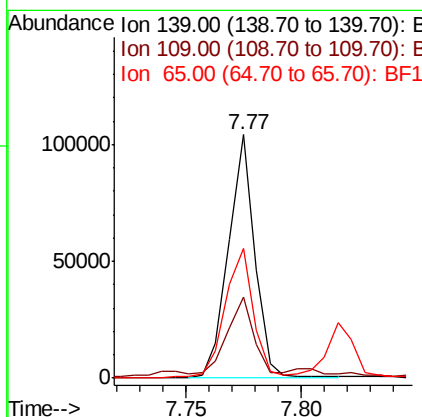
RT: 7.77 min Scan# 967

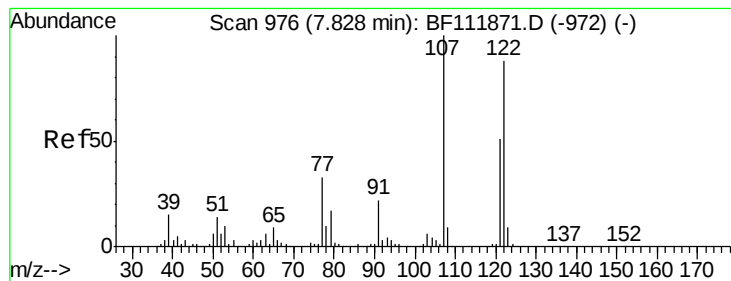
Delta R.T. -0.00 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Tgt Ion:	139	Resp:	83490
Ion Ratio	Lower	Upper	
139	100		
109	33.2	24.1	36.1
65	53.1	43.6	65.4





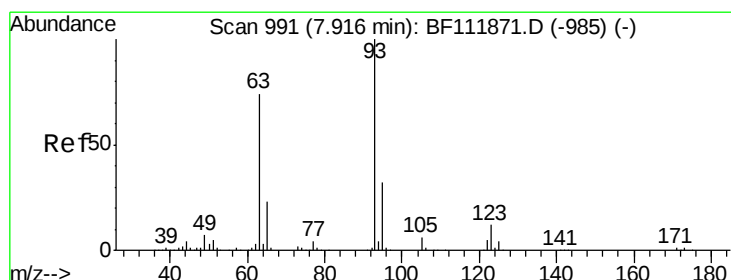
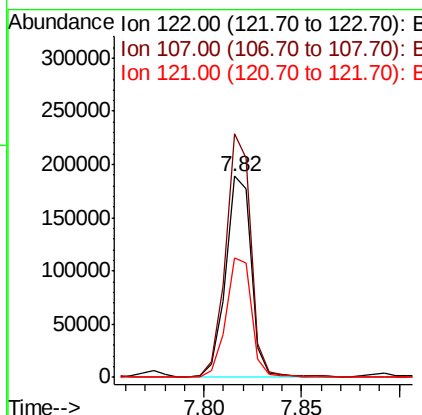
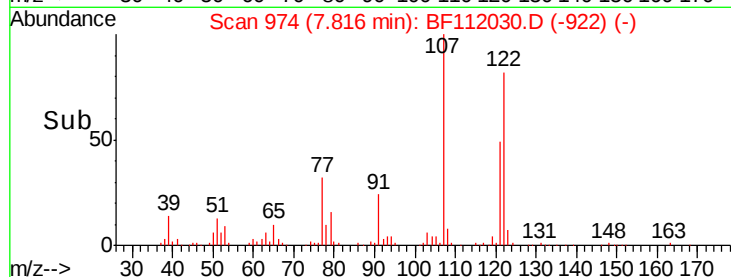
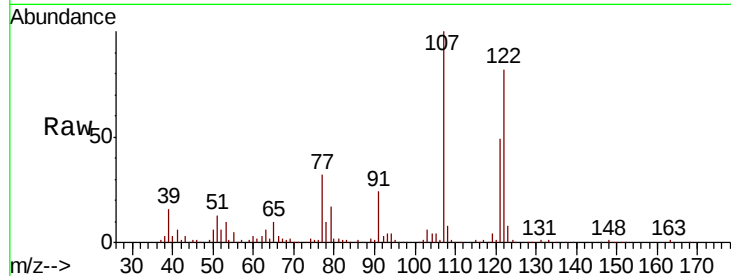
#27
2,4-Dimethylphenol
Concen: 51.495 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.3	91.0	136.6
121	59.4	46.8	70.2

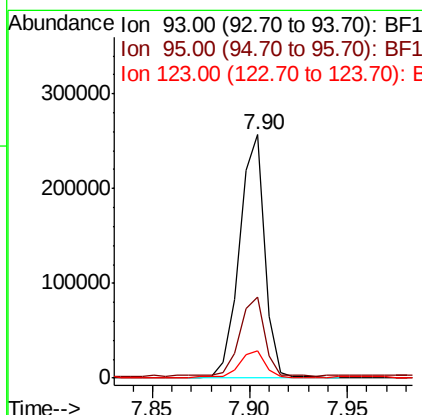
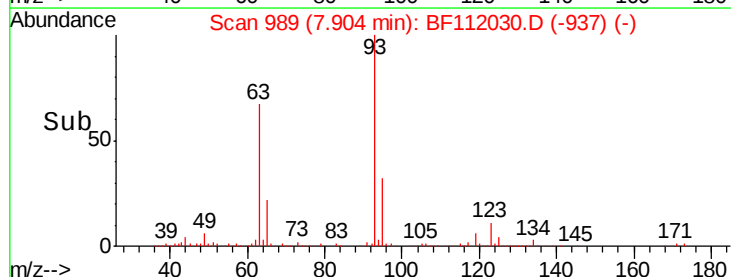
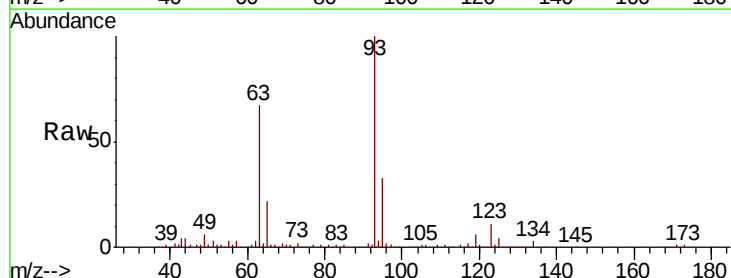
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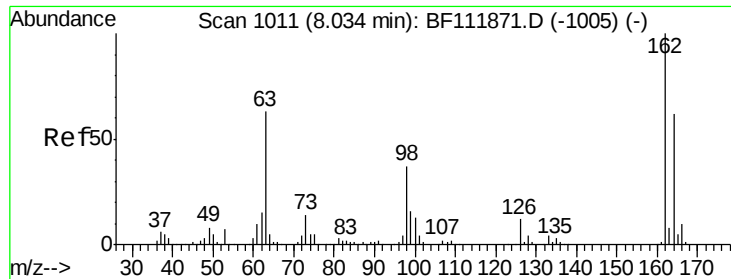
Sohil
1/14/2019 4:10:38 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.866 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.8	38.6
123	11.4	9.5	14.3





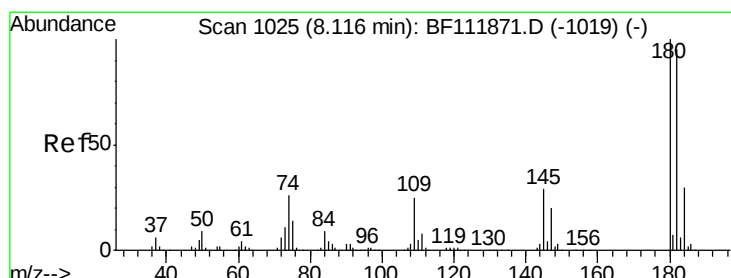
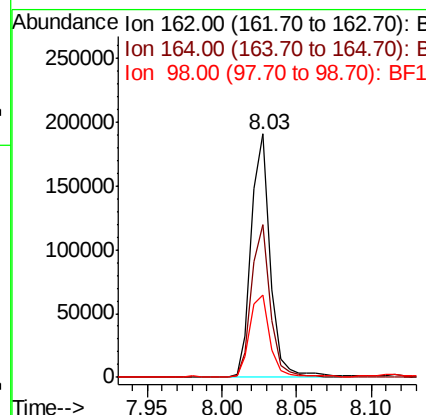
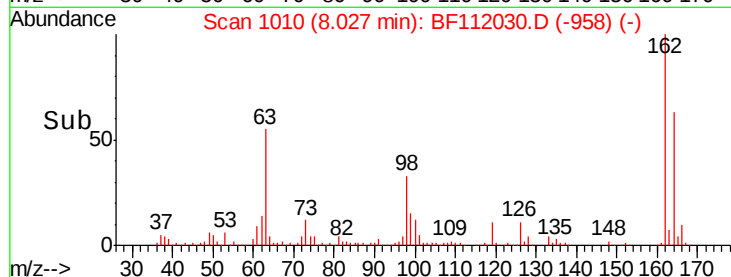
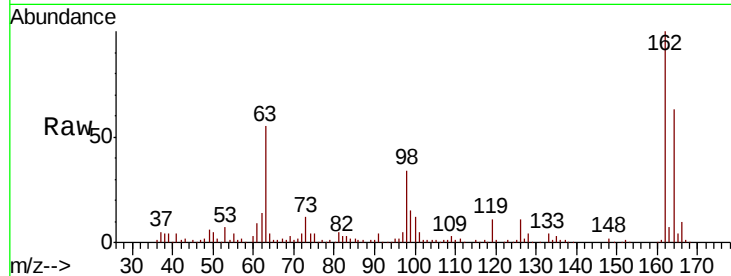
#29
2,4-Dichlorophenol
Concen: 43.746 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.8	42.1	82.1
98	33.8	17.2	57.2

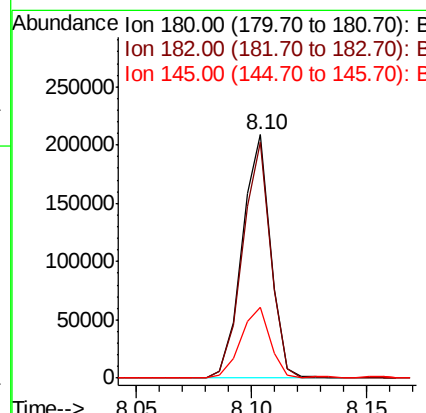
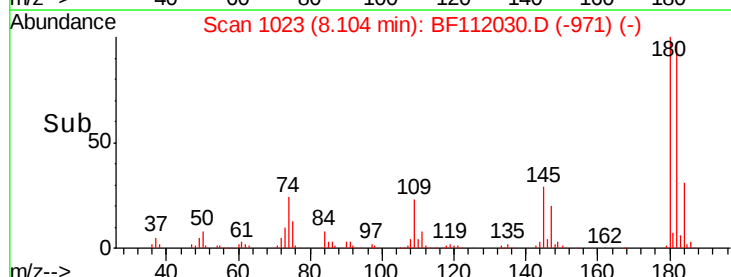
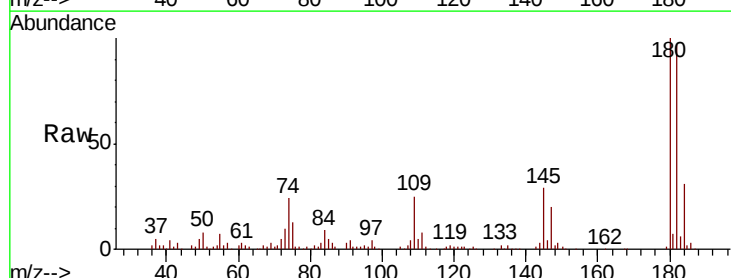
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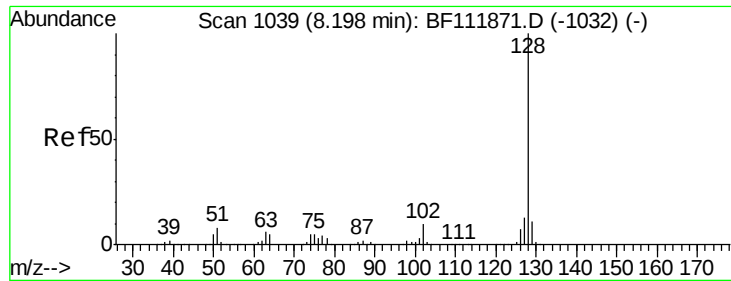
Sohil
1/14/2019 4:10:38 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.028 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.9	76.2	114.4
145	29.2	23.4	35.2





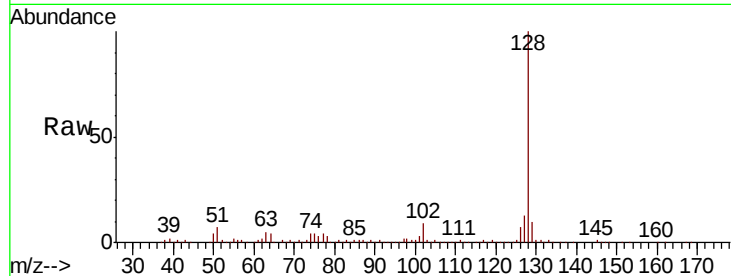
#31
Naphthalene
Concen: 47.311 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

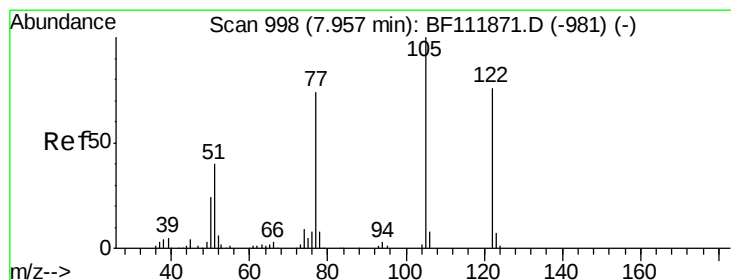
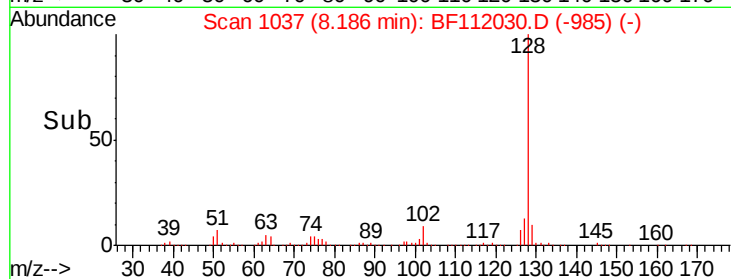
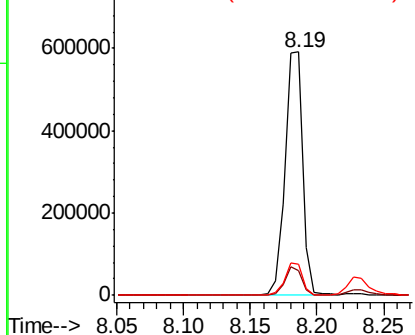
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.0	13.4
127	13.0	10.7	16.1

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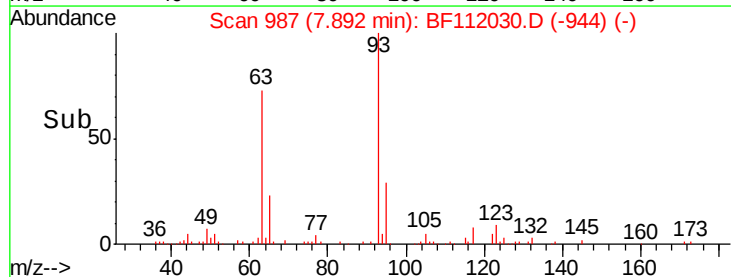
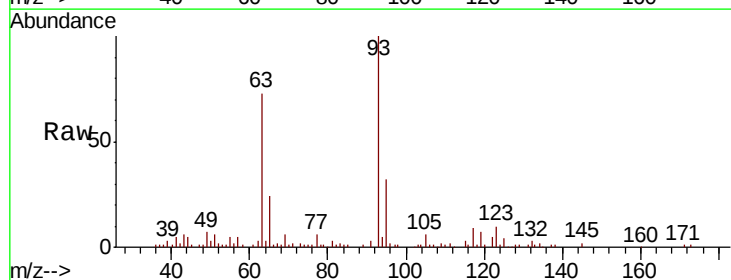
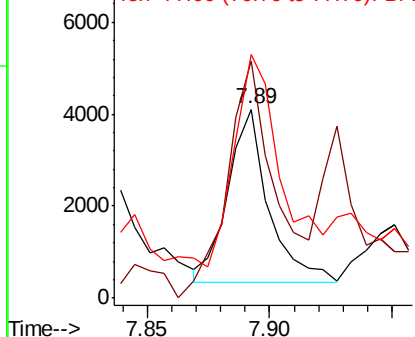
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

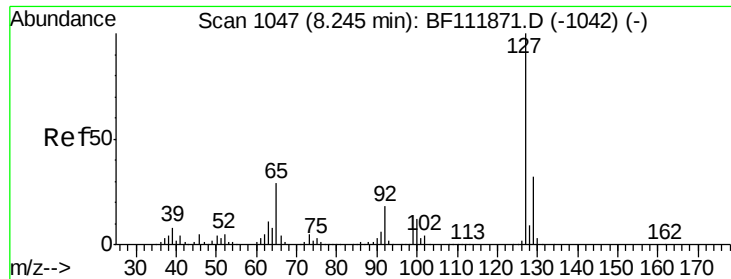


#32
Benzoic acid
Concen: 2.002 ng m
RT: 7.89 min Scan# 987
Delta R.T. -0.05 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.9	107.9	147.9
77	129.0	76.6	116.6#

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





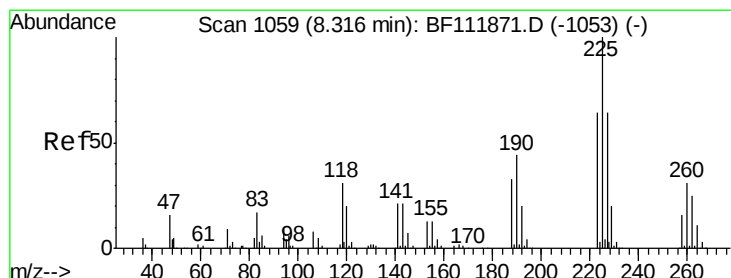
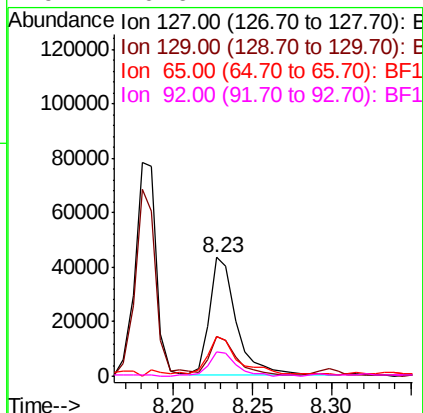
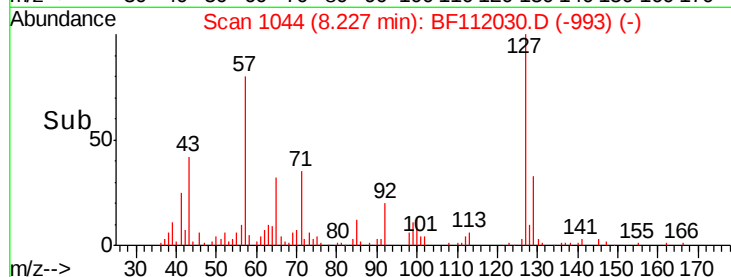
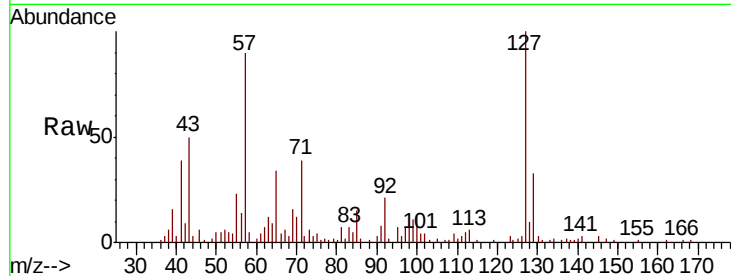
#33
4-Chloroaniline
Concen: 10.060 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	25.8	38.6		
65	33.8	23.5	35.3		
92	20.6	14.2	21.2		

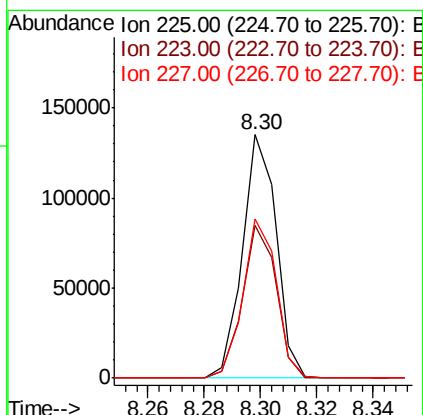
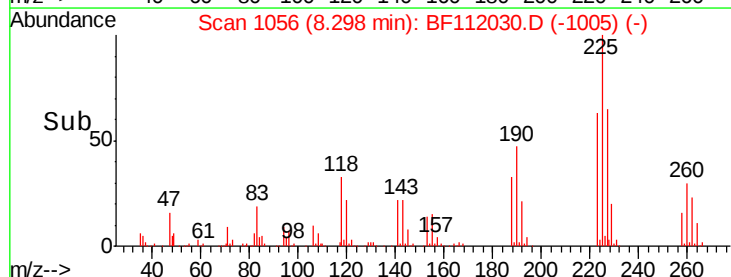
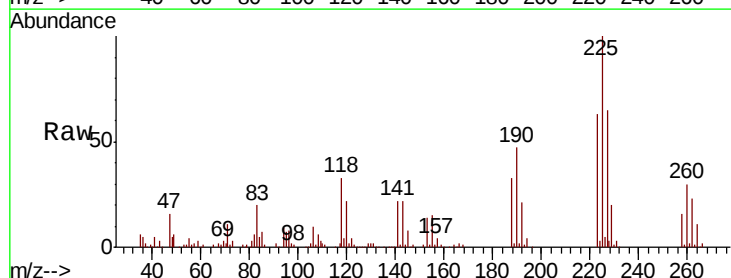
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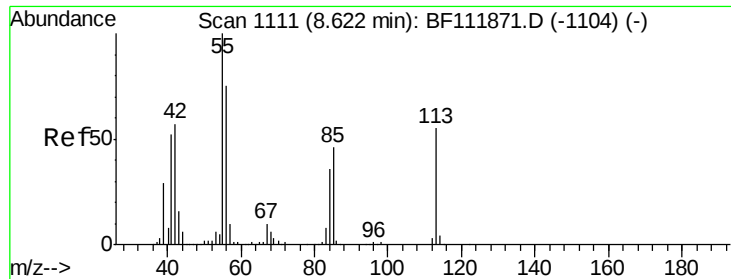
Sohil
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#34
Hexachlorobutadiene
Concen: 42.313 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	50.9	76.3		
227	65.3	51.4	77.0		





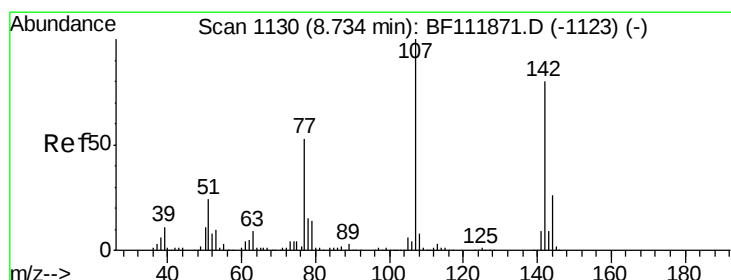
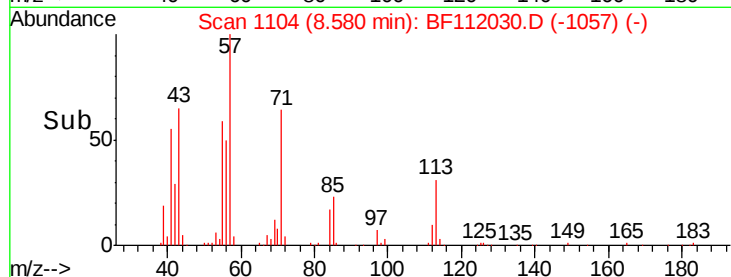
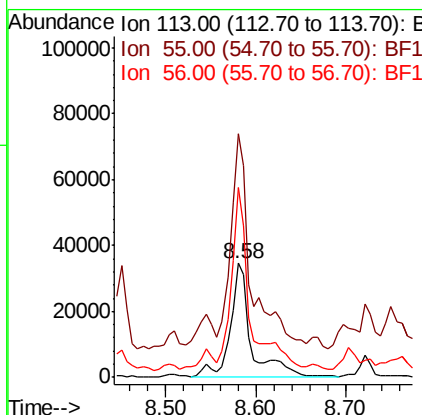
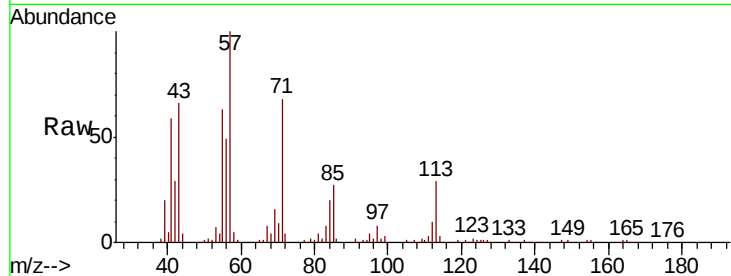
#35
 Caprolactam
 Concen: 45.646 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	214.1	162.0	202.0#
56	167.5	116.0	156.0#

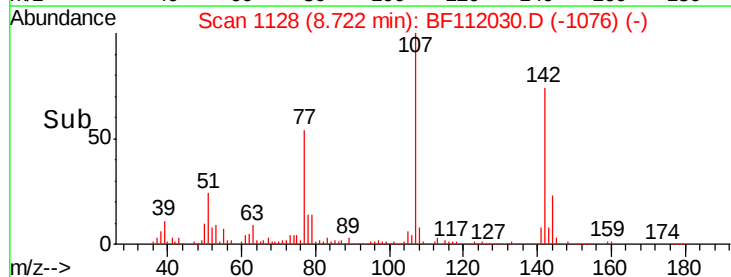
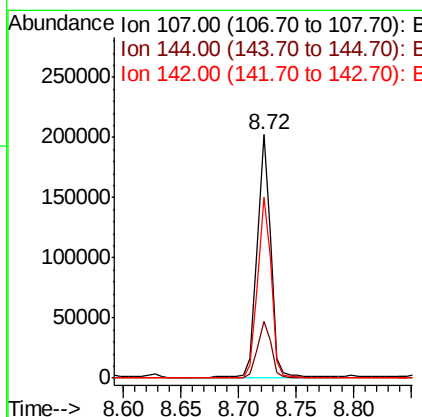
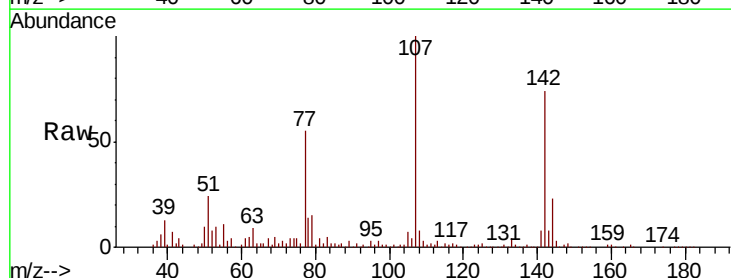
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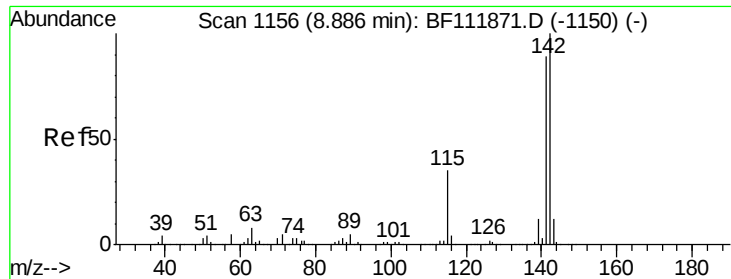
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 42.866 ng/ml
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	20.7	31.1
142	74.1	63.9	95.9





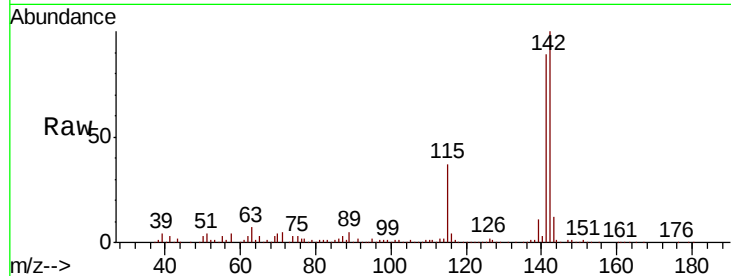
#37
2-Methylnaphthalene
Concen: 48.762 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	37.0	28.3	42.5

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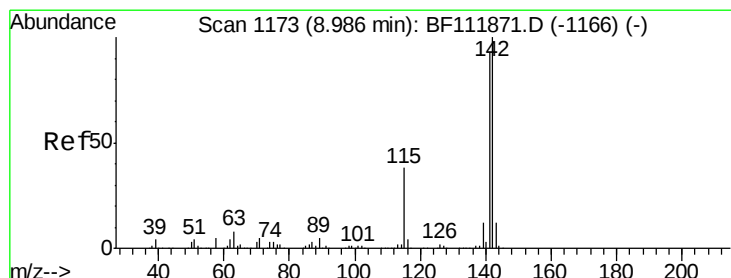
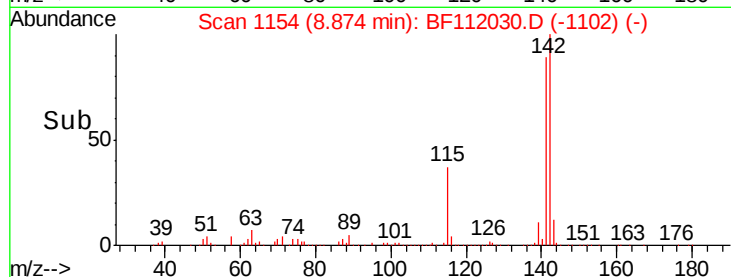
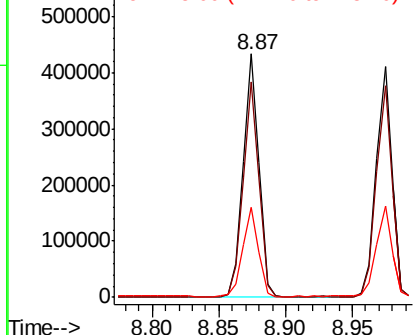


Abundance

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: 46.811 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

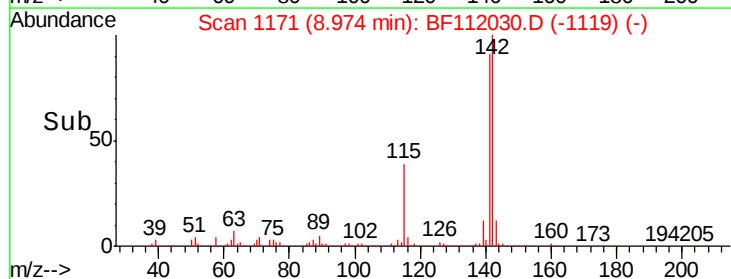
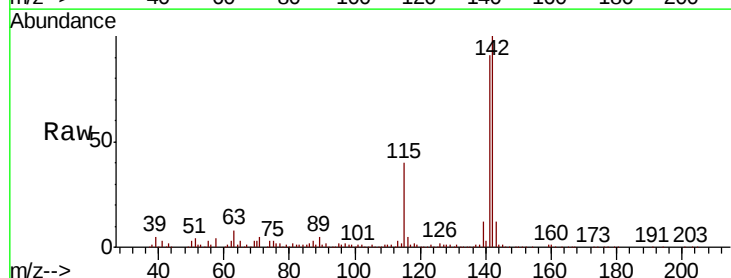
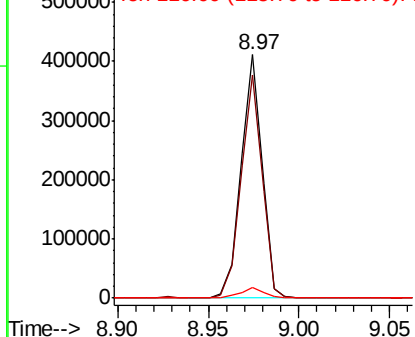
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.8	112.2
116	4.6	3.1	4.7

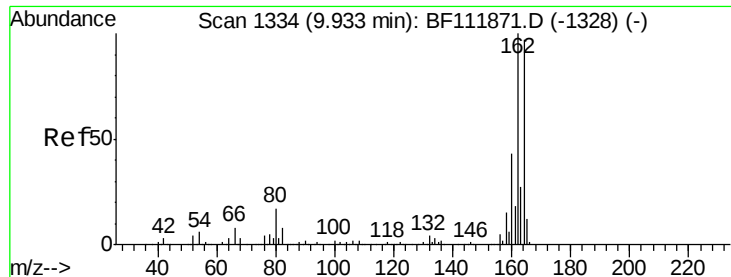
Abundance

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





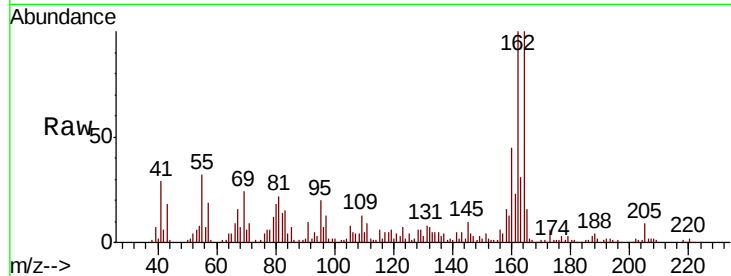
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.2	123.2
160	44.7	35.5	53.3

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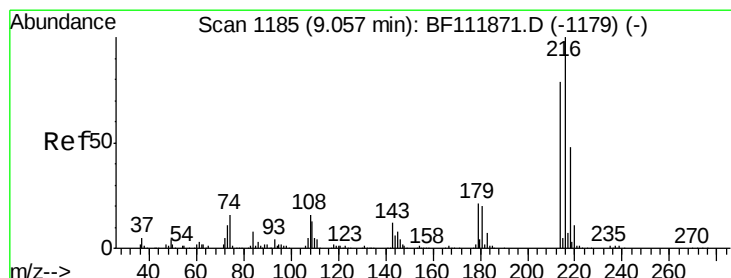
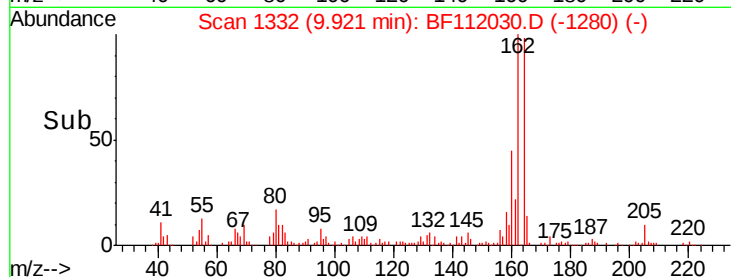
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.000 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.5	95.3
179	22.6	17.0	25.6
108	16.8	14.6	22.0

Abundance

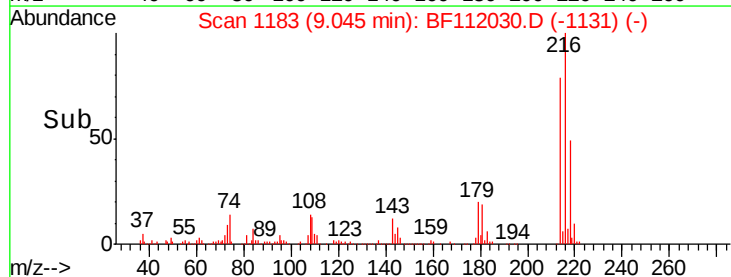
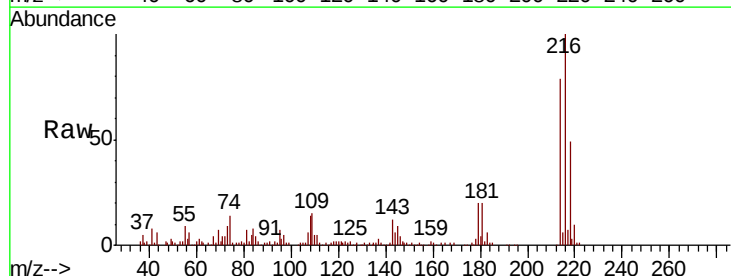
Ion 216.00 (215.70 to 216.70): E

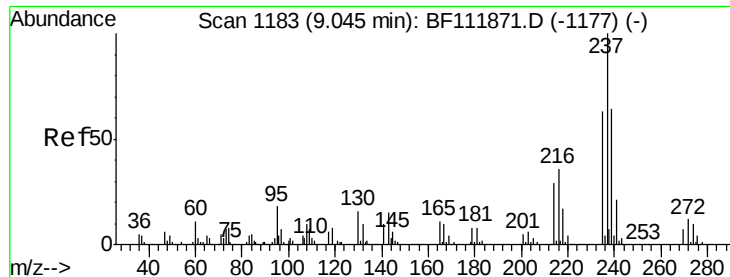
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->





#41

Hexachlorocyclopentadiene

Concen: 1.200 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

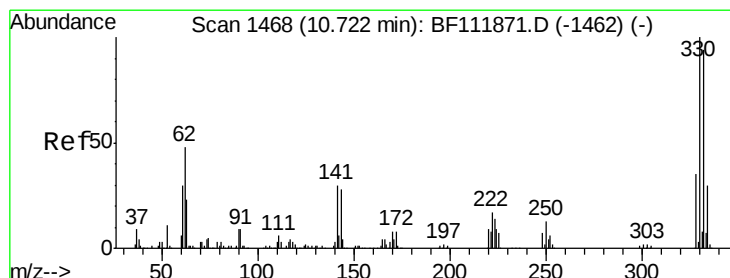
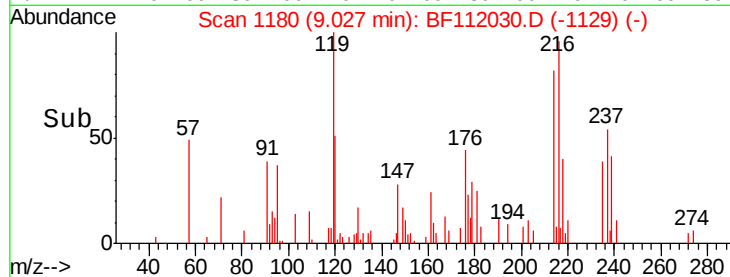
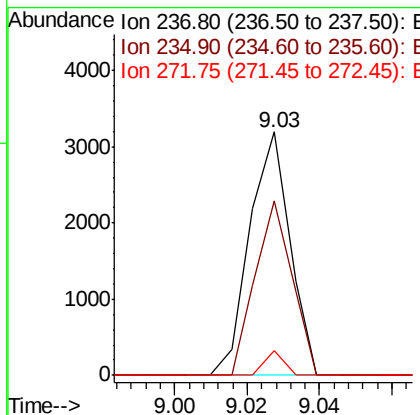
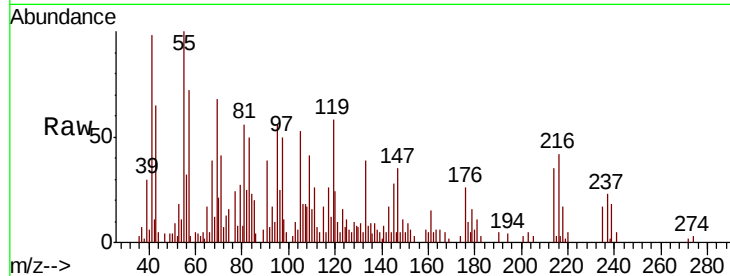
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:	237	Resp:	2454
Ion Ratio	Lower	Upper	
237	100		
235	71.8	42.6	82.6
272	9.9	0.0	32.3

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#42

2,4,6-Tribromophenol

Concen: 120.721 ng

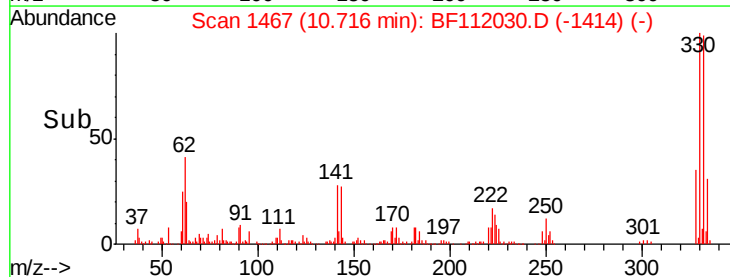
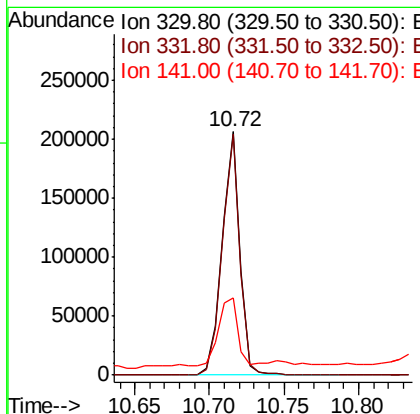
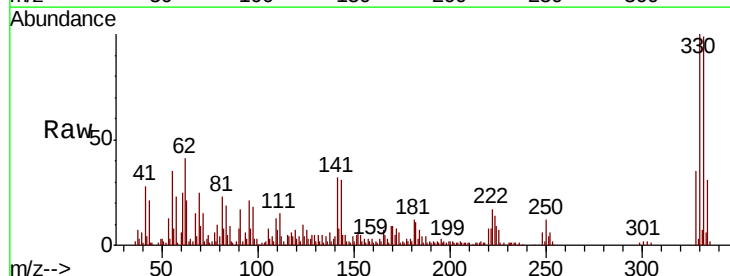
RT: 10.72 min Scan# 1467

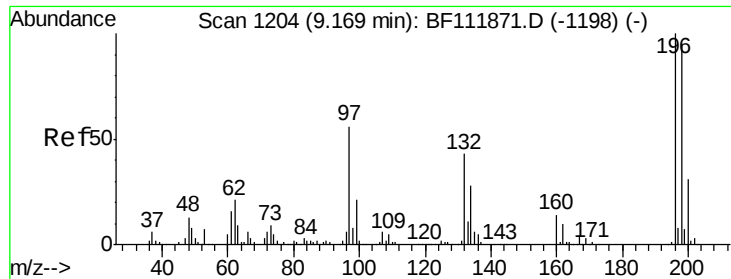
Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Tgt Ion:	330	Resp:	174182
Ion Ratio	Lower	Upper	
330	100		
332	98.1	76.9	115.3
141	30.3	23.7	35.5





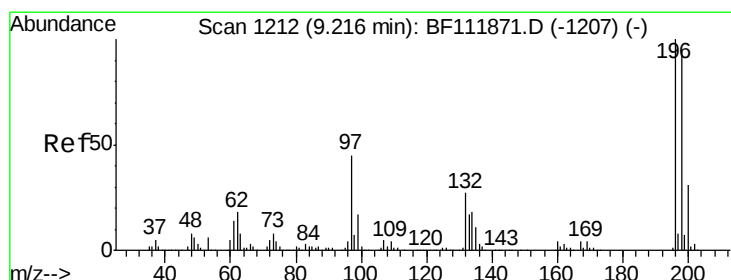
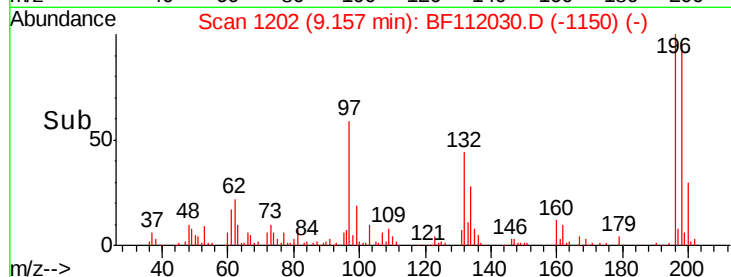
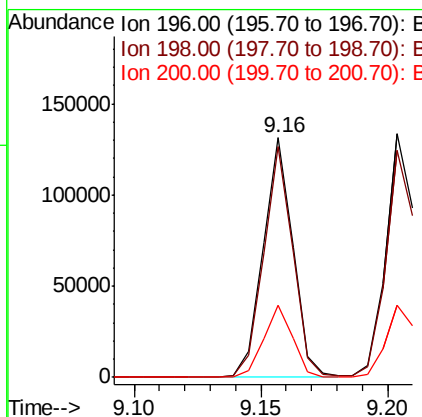
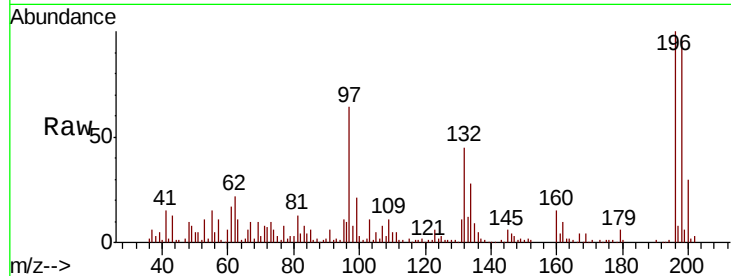
#43
 2,4,6-Trichlorophenol
 Concen: 45.072 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-06(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	108112		
198	96.4	75.8	113.8	
200	29.9	24.5	36.7	

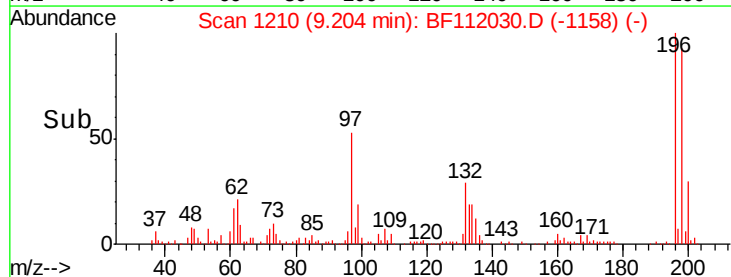
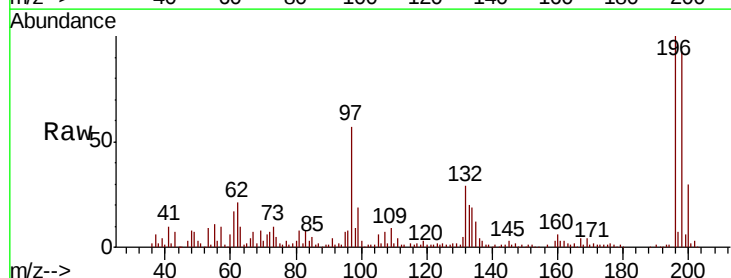
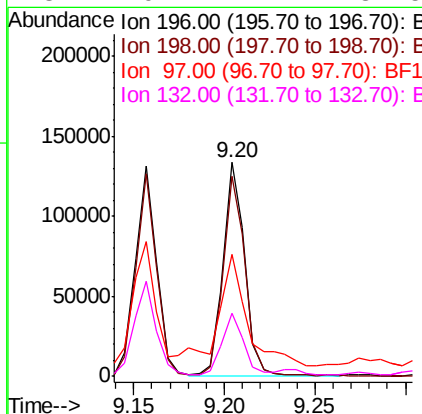
Manual Integrations
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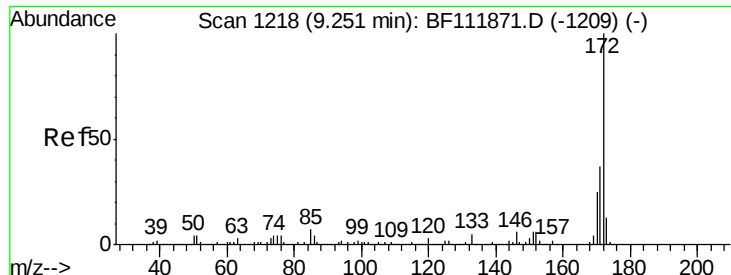
Sohil
 1/14/2019 4:10:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.753 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109957		
198	93.3	76.2	114.2	
97	56.8	36.4	54.6	
132	29.1	21.7	32.5	





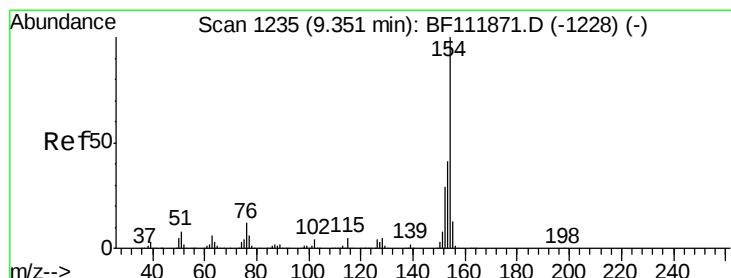
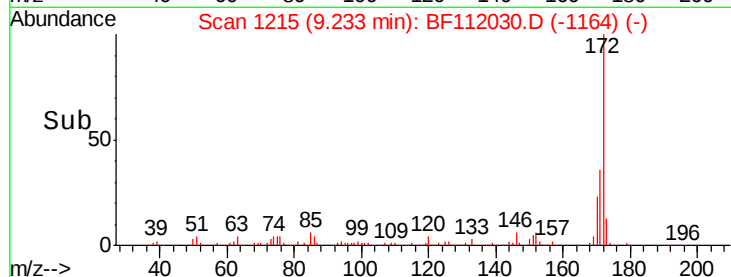
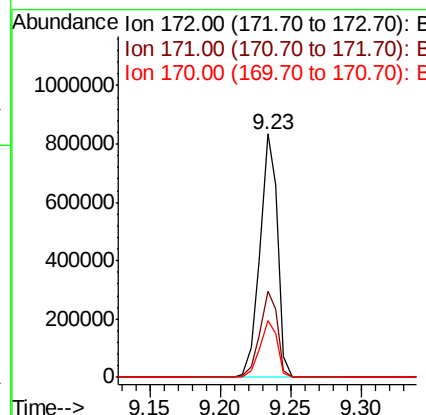
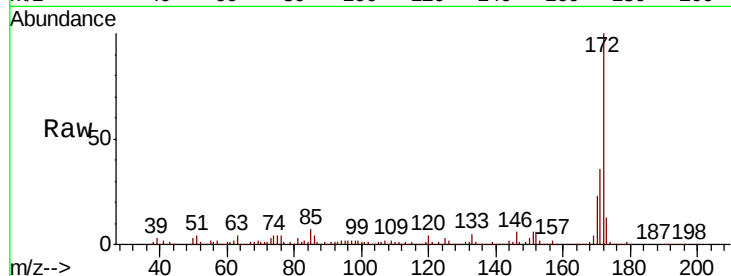
#45
2-Fluorobiphenyl
Concen: 96.889 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.5	19.8	29.8

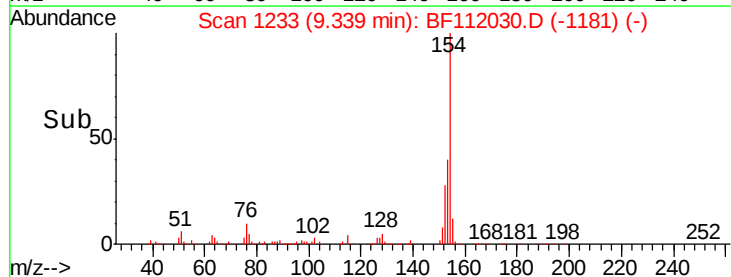
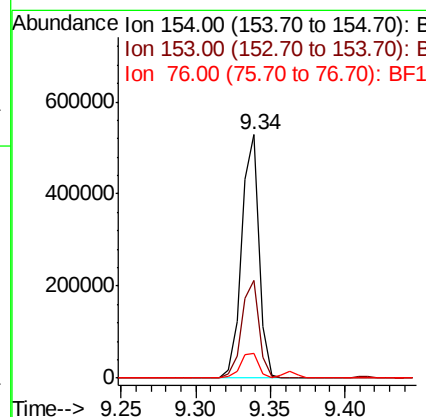
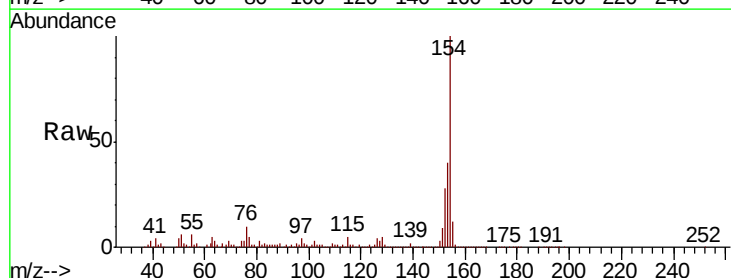
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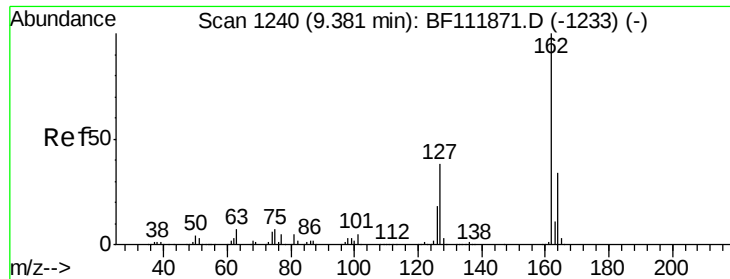
Sohil
1/14/2019 4:10:38 PM



#46
1,1'-Biphenyl
Concen: 46.820 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	10.1	0.0	32.3





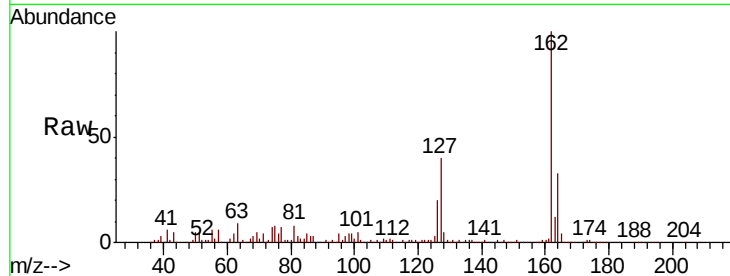
#47
2-Chloronaphthalene
Concen: 44.464 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.2	46.8
164	32.8	27.0	40.6

Manual Integrations
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1/14/2019 4:10:38 PM

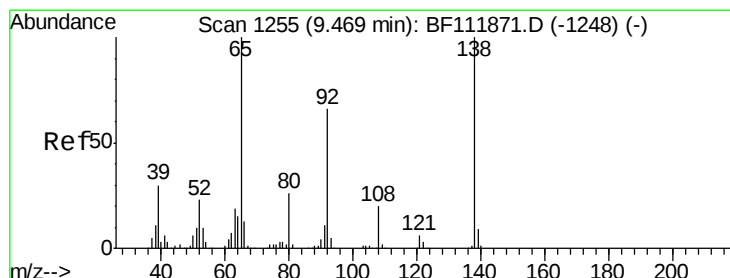
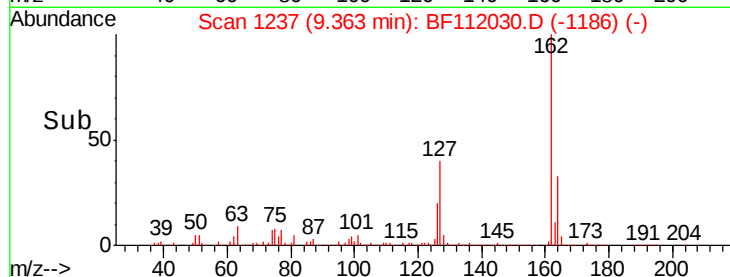
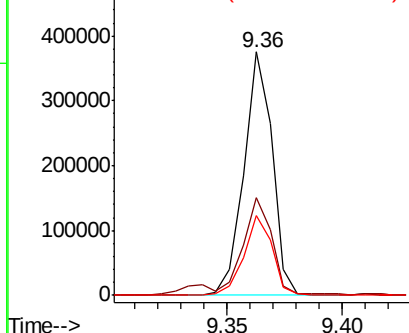


Abundance

Ion 162.00 (161.70 to 162.70): E

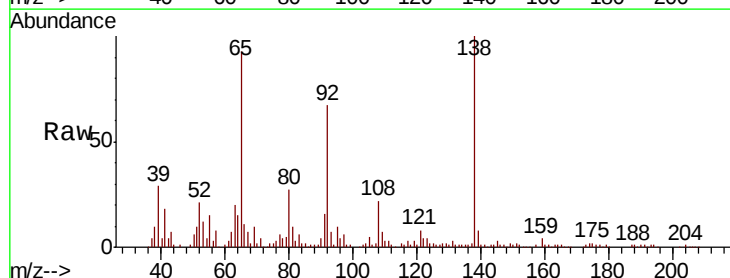
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 49.606 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	52.5	78.7
138	107.3	79.8	119.6

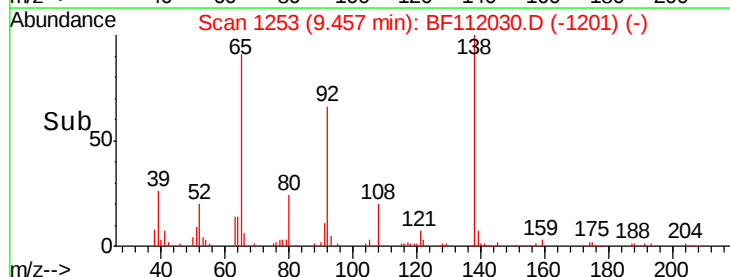
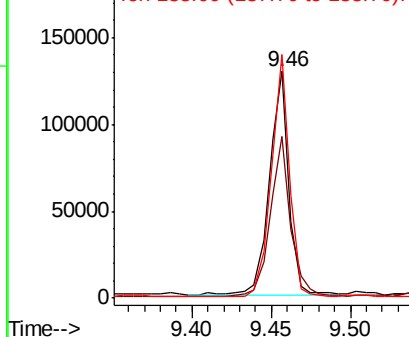


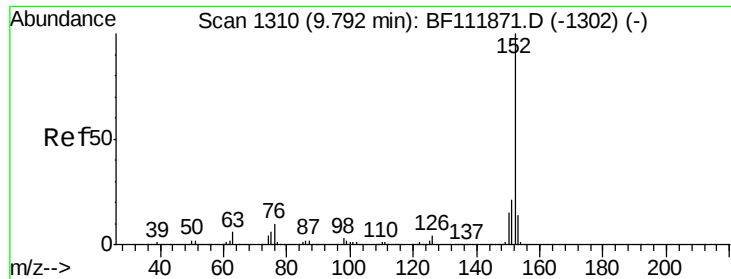
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





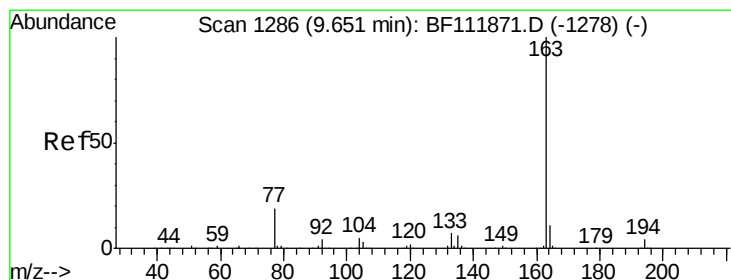
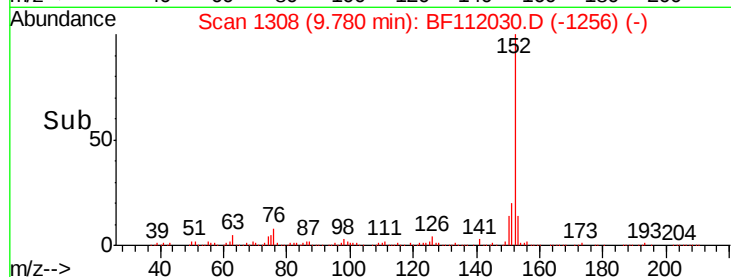
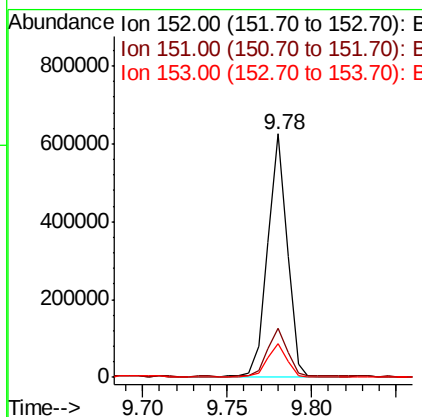
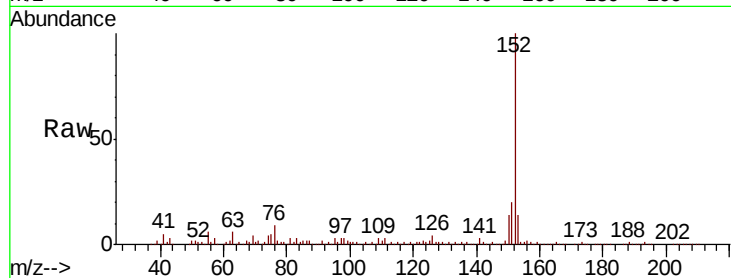
#49
Acenaphthylene
Concen: 46.311 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.6	25.0
153	13.8	11.0	16.4

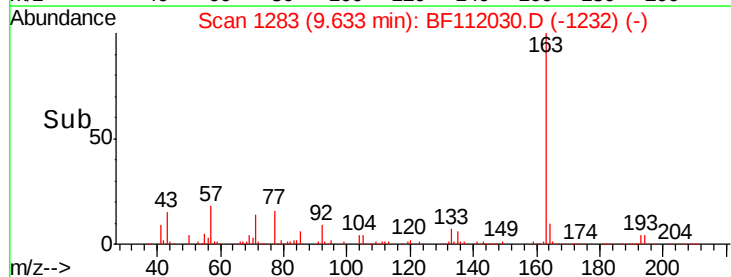
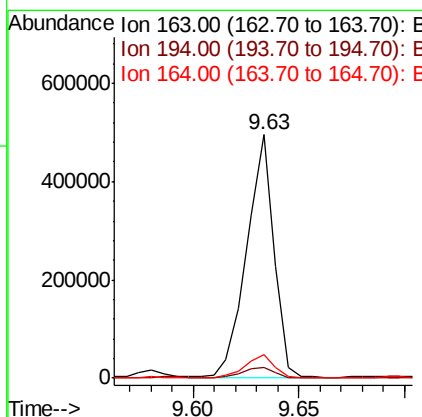
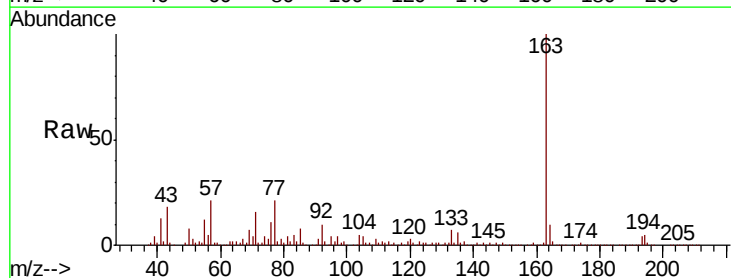
Manual Integrations
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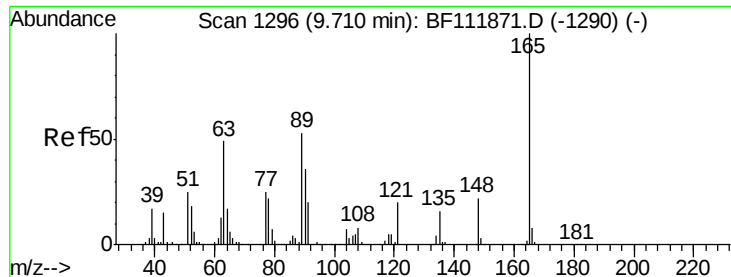
Sohil
1/14/2019 4:10:38 PM



#50
Dimethylphthalate
Concen: 53.123 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.8	8.5	12.7





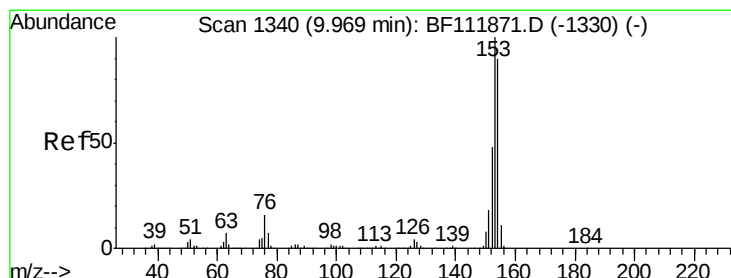
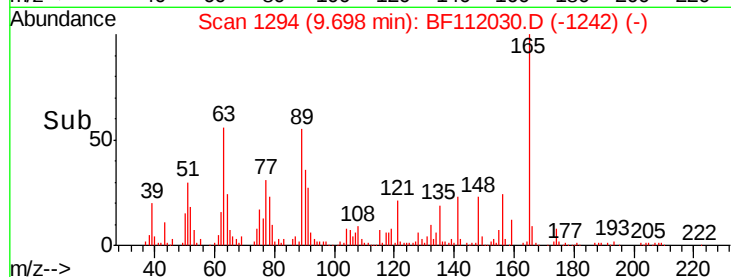
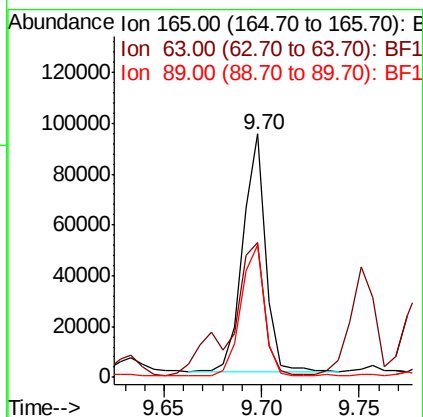
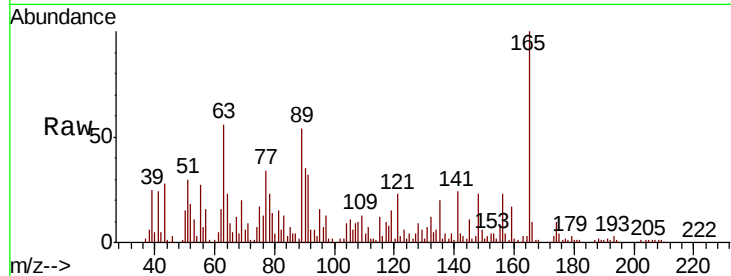
#51
2,6-Dinitrotoluene
Concen: 40.392 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.6	46.2	69.2
89	54.3	42.2	63.2

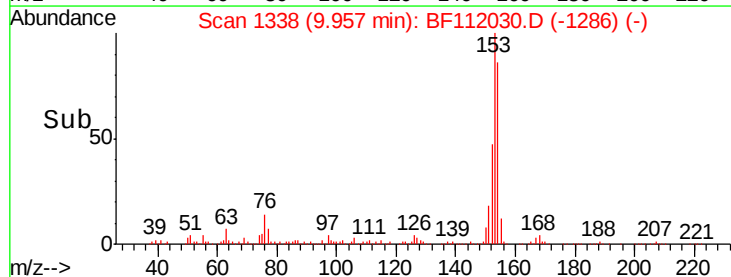
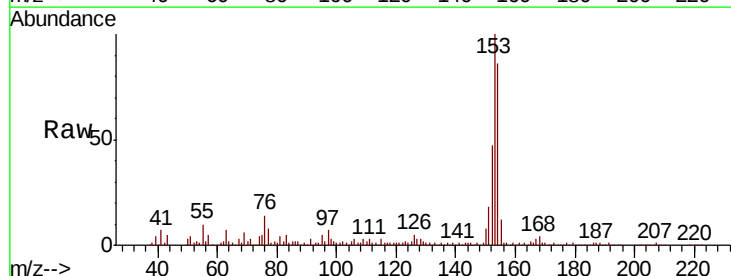
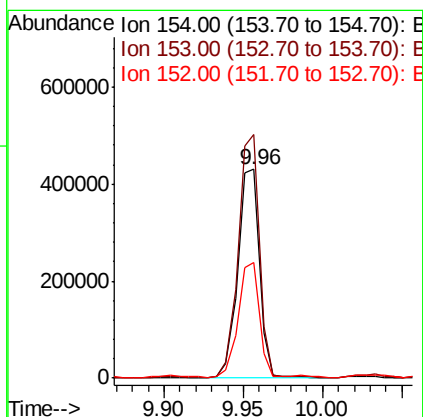
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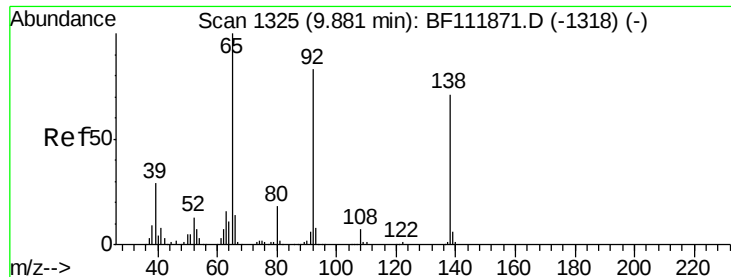
Sohil
1/14/2019 4:10:38 PM



#52
Acenaphthene
Concen: 58.365 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.5	89.4	134.0
152	55.2	43.1	64.7





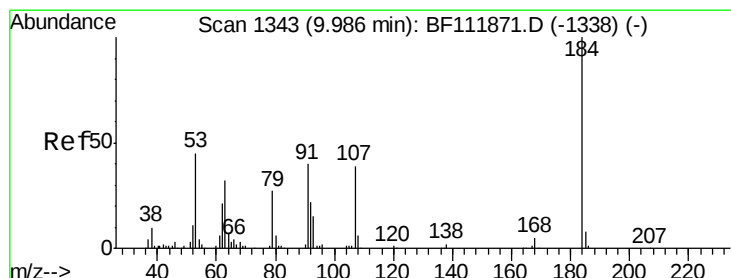
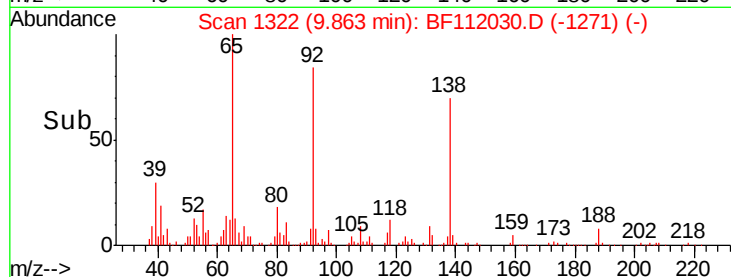
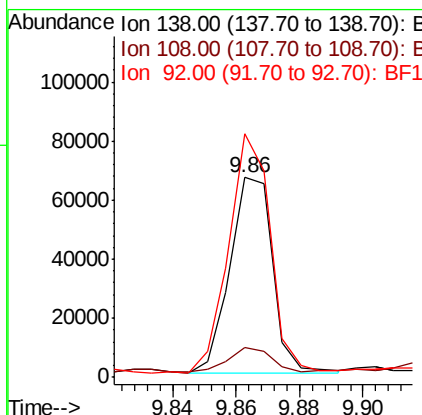
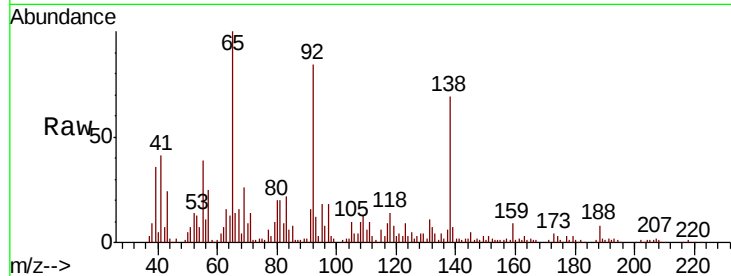
#53
3-Nitroaniline
Concen: 31.155 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.7	8.2	12.4#
92	122.0	93.5	140.3

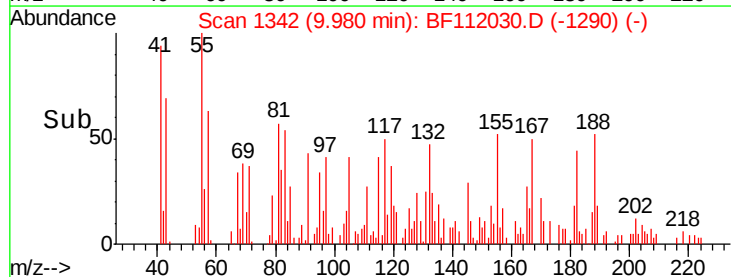
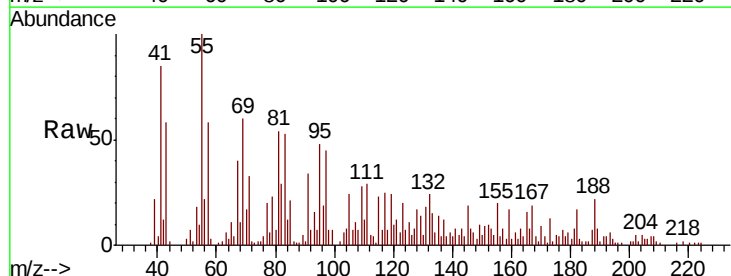
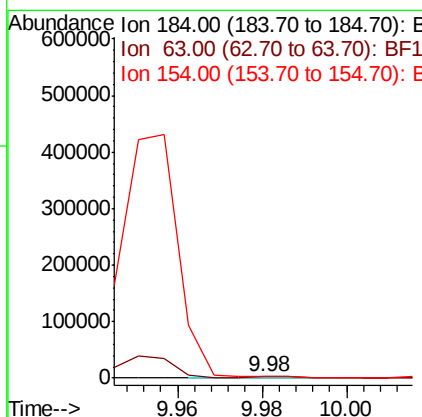
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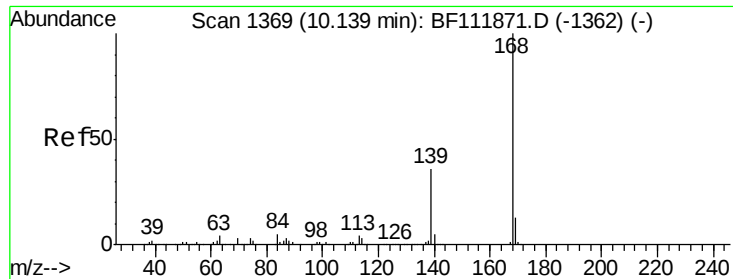
Sohil
1/14/2019 4:10:38 PM



#54
2,4-Dinitrophenol
Concen: 0.691 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	342.1	46.9	70.3#
154	318.0	46.9	70.3#





#55

Dibenzofuran

Concen: 50.465 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

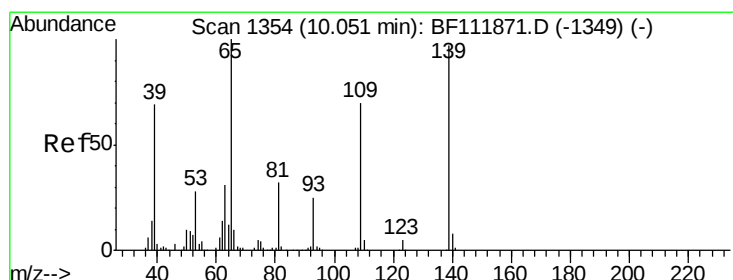
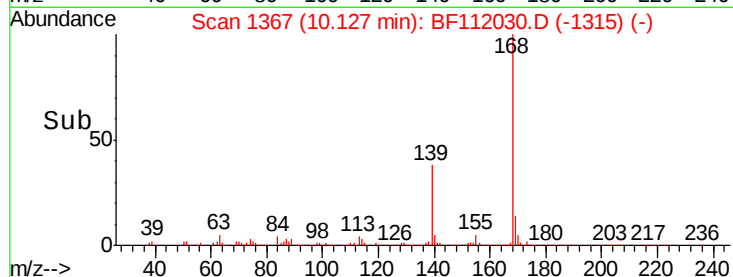
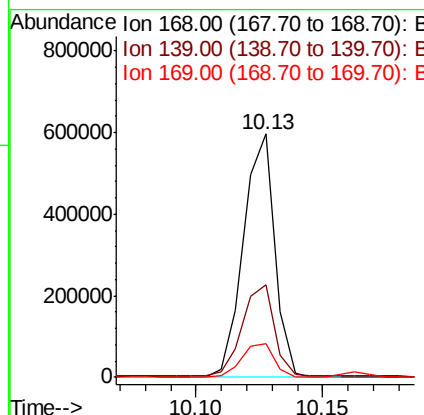
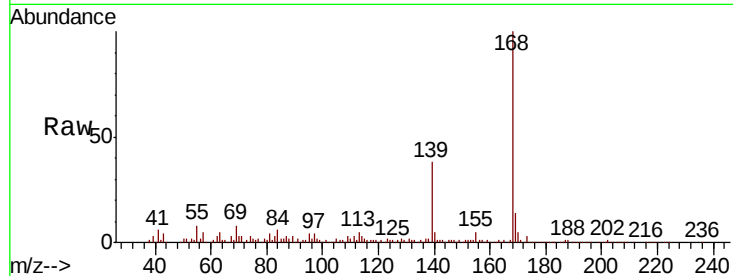
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:	168	Resp:	509415
Ion Ratio	Lower	Upper	
168	100		
139	38.0	29.3	43.9
169	13.9	10.6	16.0

Manual Integrations
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1/14/2019 4:10:38 PM



#56

4-Nitrophenol

Concen: 80.613 ng

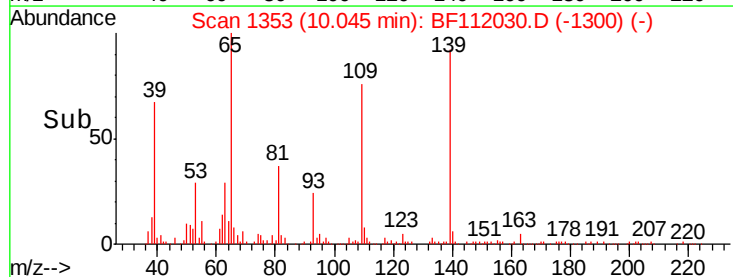
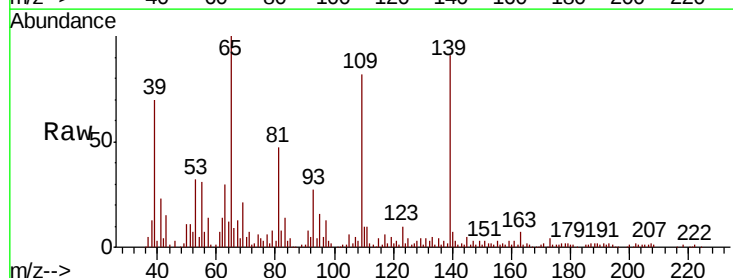
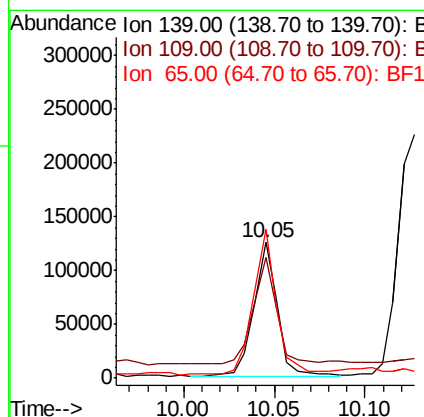
RT: 10.05 min Scan# 1353

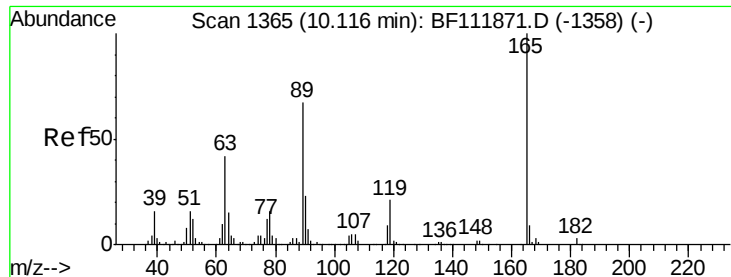
Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Tgt Ion:	139	Resp:	113667
Ion Ratio	Lower	Upper	
139	100		
109	89.6	52.2	92.2
65	109.6	83.1	123.1





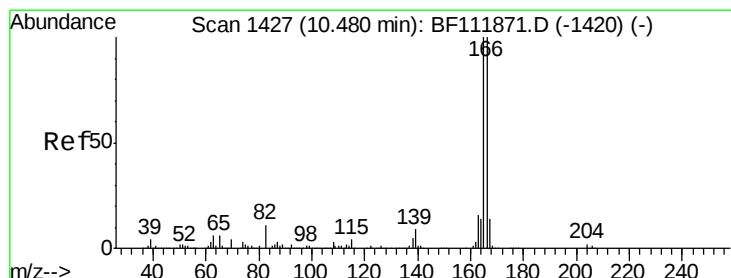
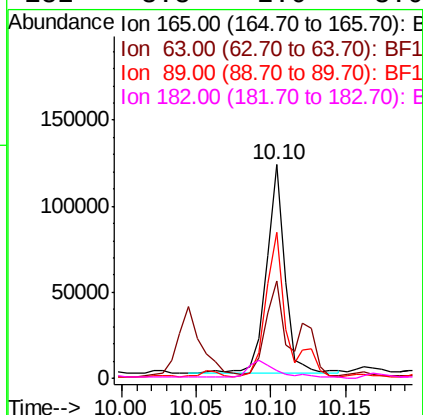
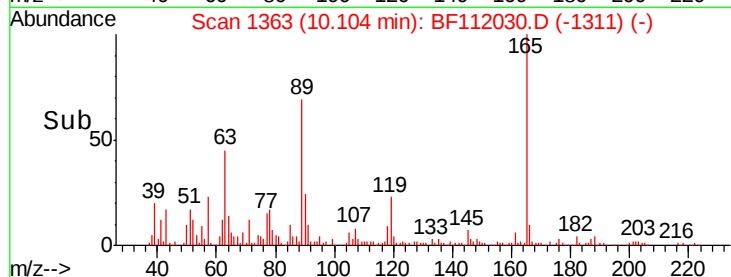
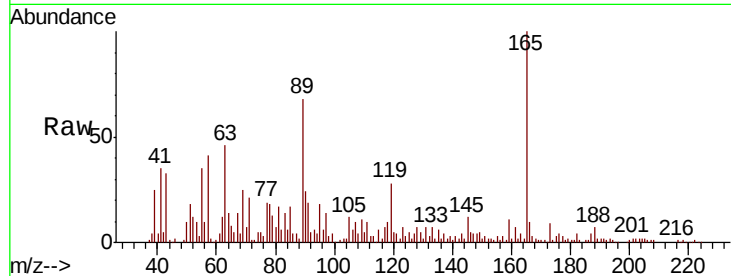
#57
2,4-Dinitrotoluene
Concen: 43.048 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.6	34.1	51.1
89	68.1	53.5	80.3
182	3.8	2.0	3.0

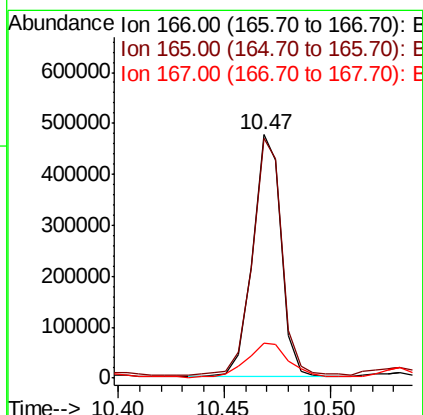
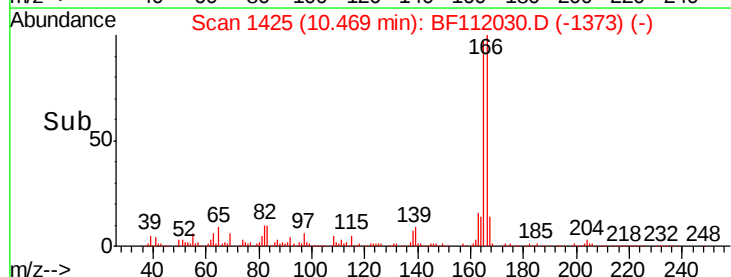
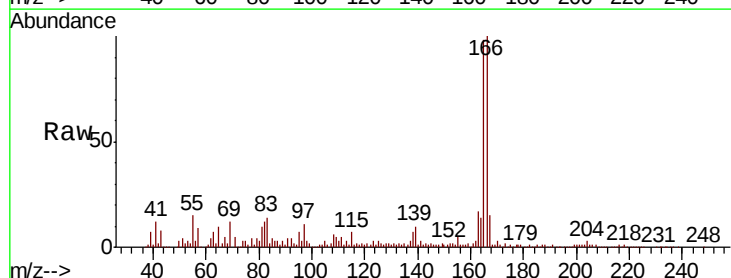
Manual Integrations
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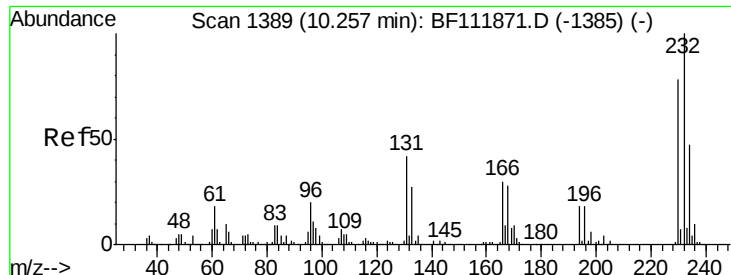
Sohil
1/14/2019 4:10:38 PM



#58
Fluorene
Concen: 60.606 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.2	79.7	119.5
167	14.6	11.1	16.7





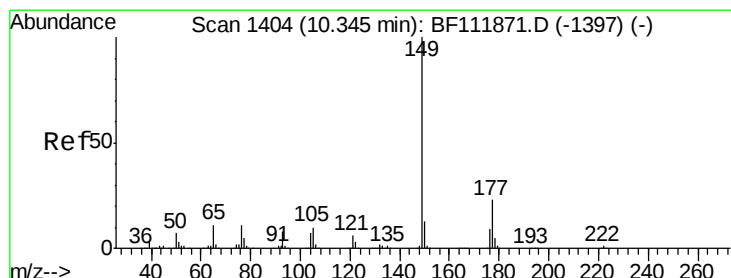
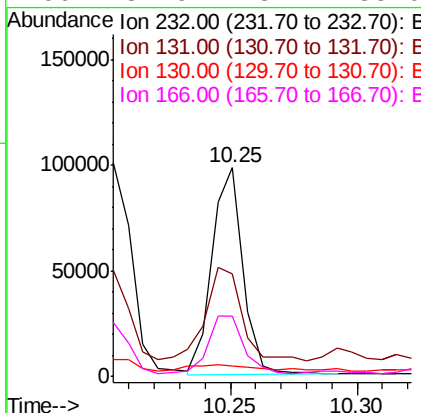
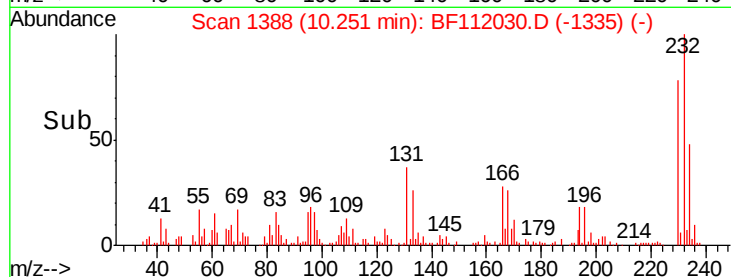
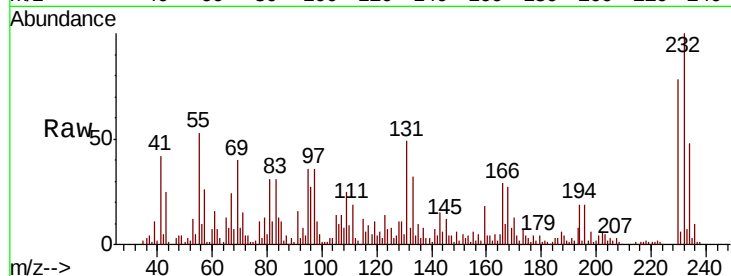
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.296 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	54.1	34.0	51.0#
130	8.4	1.6	2.4#
166	31.6	23.4	35.0

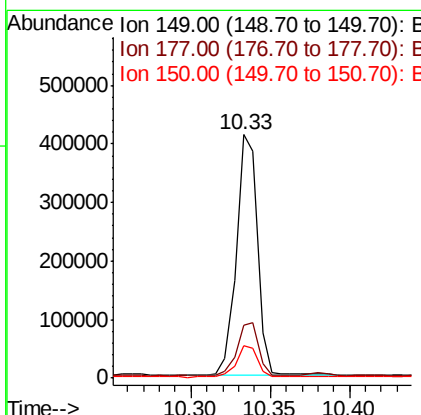
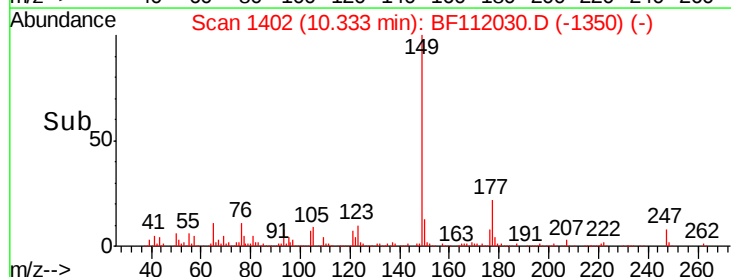
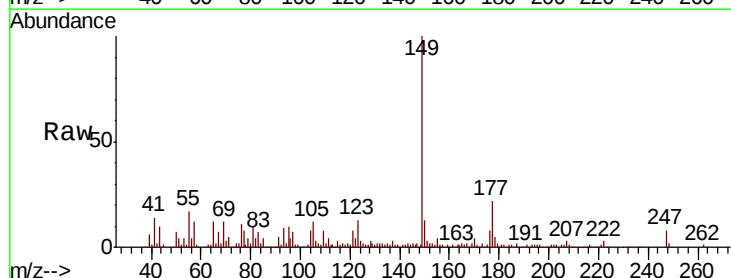
Manual Integrations
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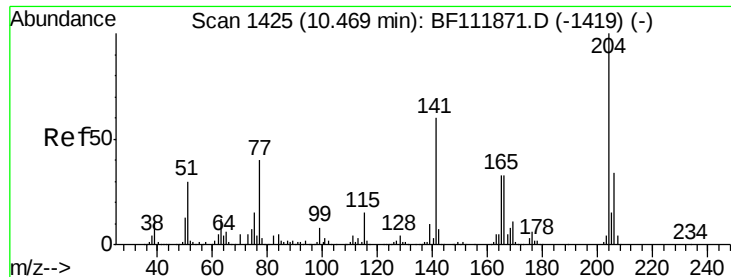
Sohil
 1/14/2019 4:10:38 PM



#60
 Diethylphthalate
 Concen: 47.028 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.3	27.5
150	13.2	10.2	15.4





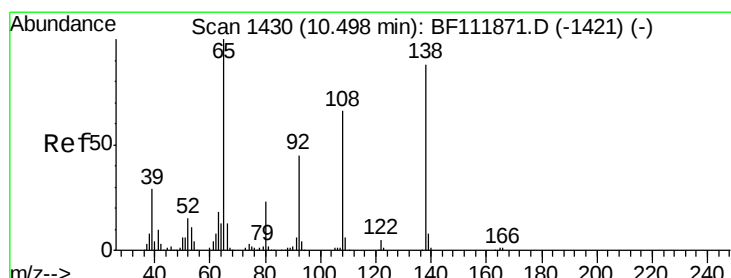
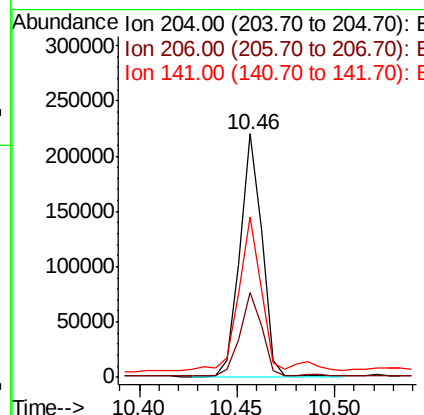
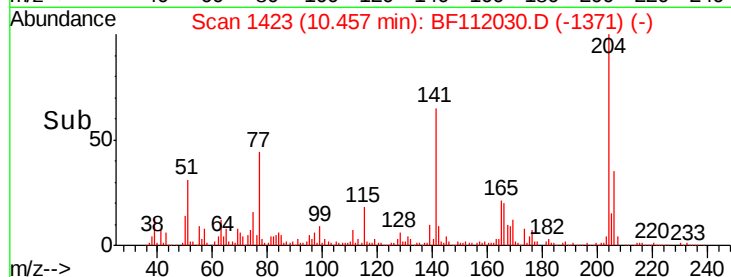
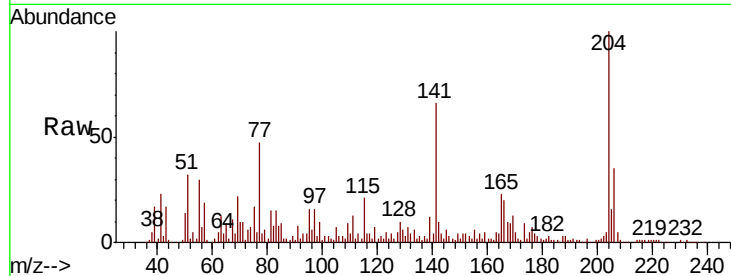
#61
4-Chlorophenyl-phenylether
Concen: 41.608 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	26.9	40.3
141	66.0	47.9	71.9

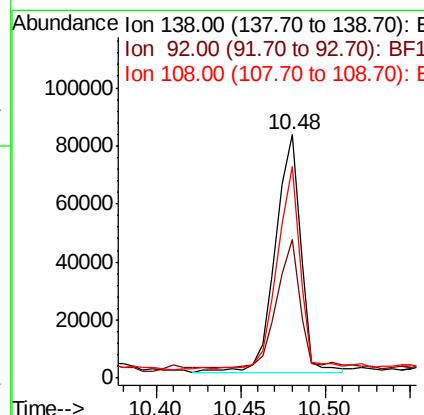
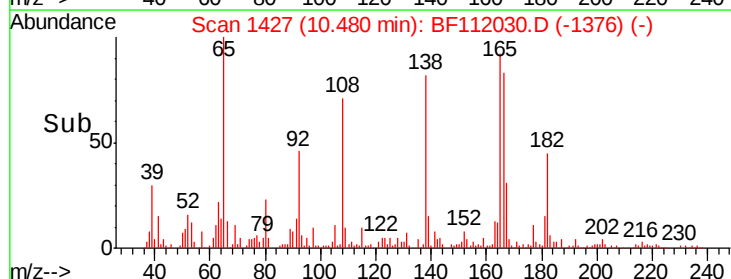
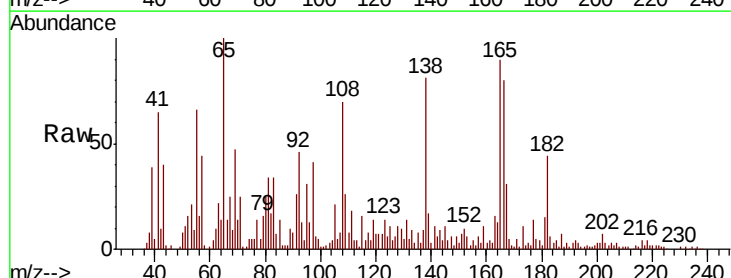
Manual Integrations
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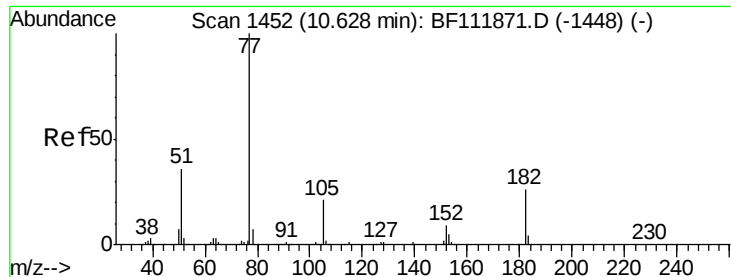
Sohil
1/14/2019 4:10:38 PM



#62
4-Nitroaniline
Concen: 44.925 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.0	31.0	71.0
108	86.9	54.7	94.7





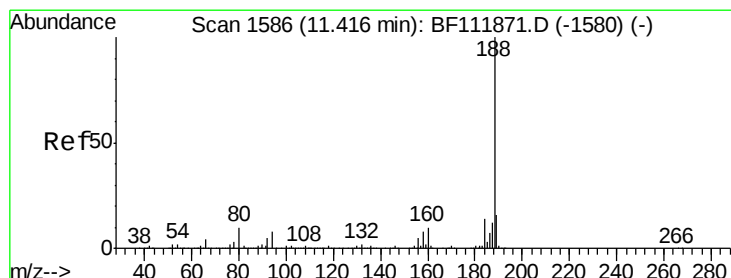
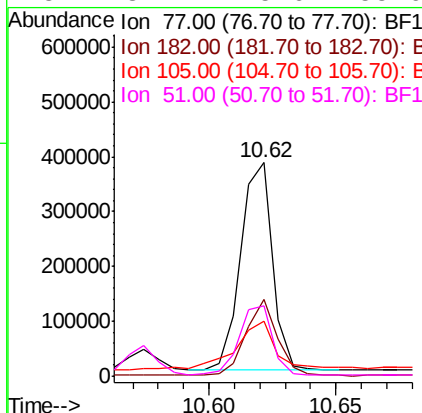
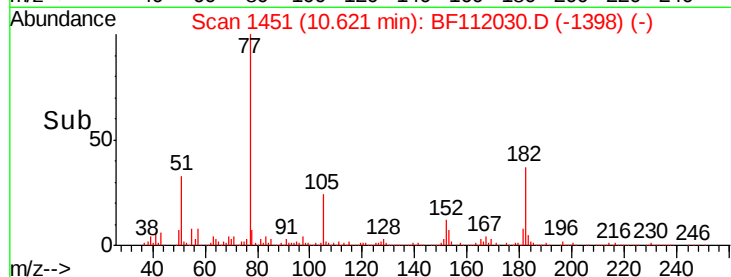
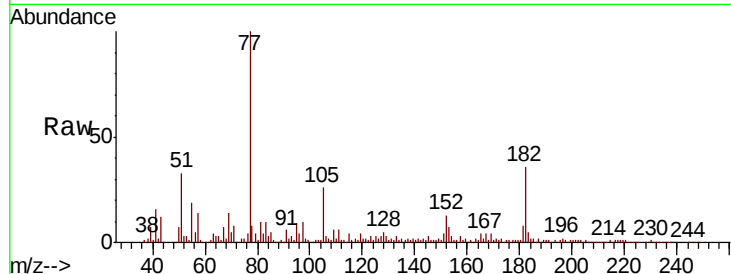
#63
Azobenzene
Concen: 42.818 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	35.9	5.7	45.7	
105	25.6	0.8	40.8	
51	32.7	15.6	55.6	

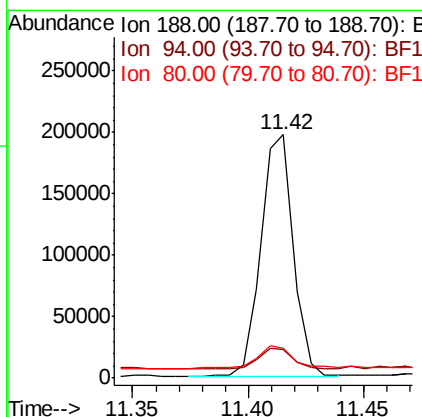
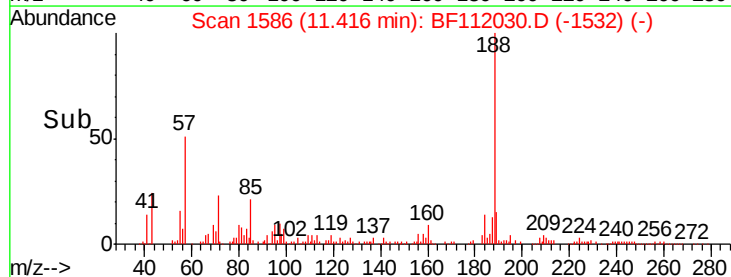
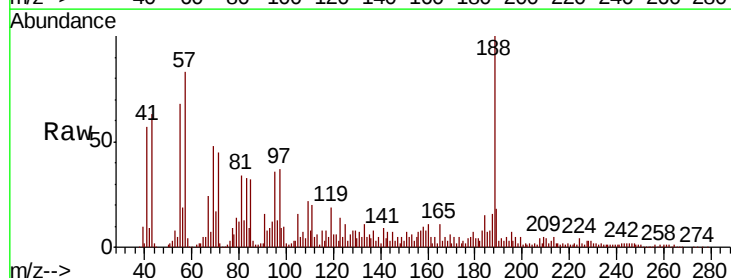
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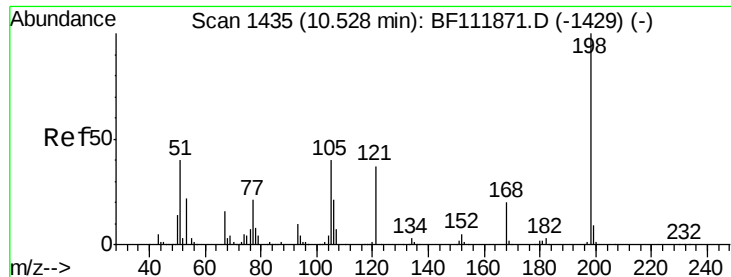
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.02 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.5	6.6	10.0#	
80	12.5	7.7	11.5#	





#65

4,6-Dinitro-2-methylphenol

Concen: 2.412 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:198 Resp: 2862

Ion Ratio Lower Upper

198 100

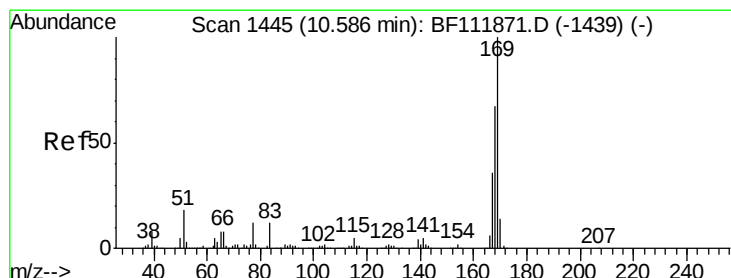
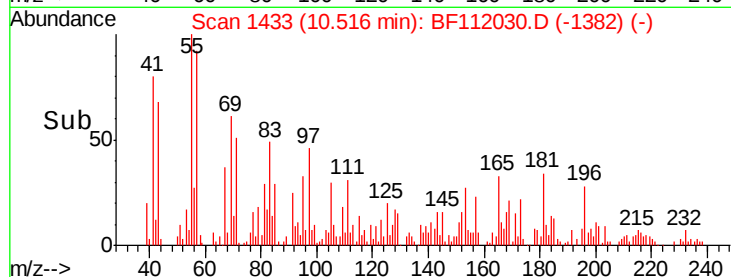
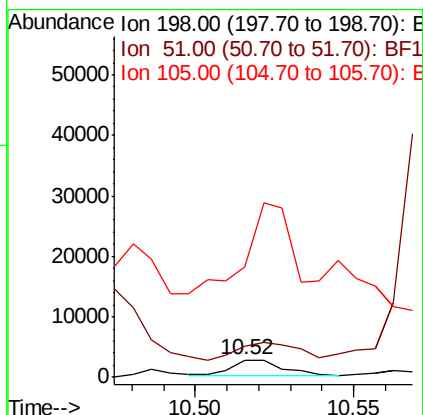
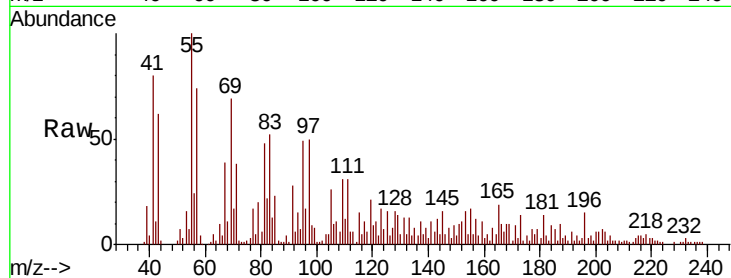
51 175.9 27.2 67.2#

105 636.5 21.0 61.0#

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#66

n-Nitrosodiphenylamine

Concen: 51.664 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

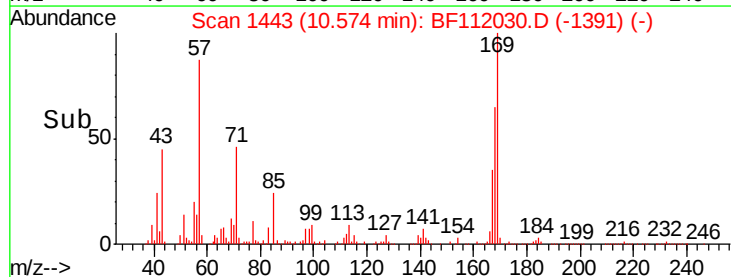
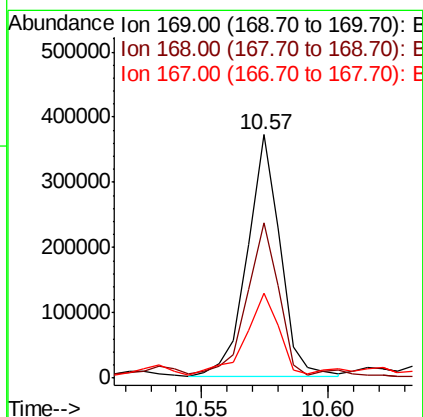
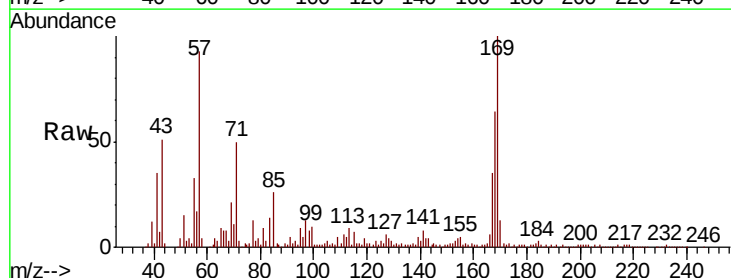
Tgt Ion:169 Resp: 333461

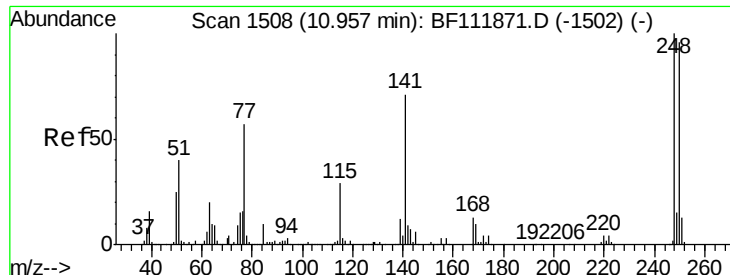
Ion Ratio Lower Upper

169 100

168 63.8 53.8 80.6

167 35.1 29.1 43.7





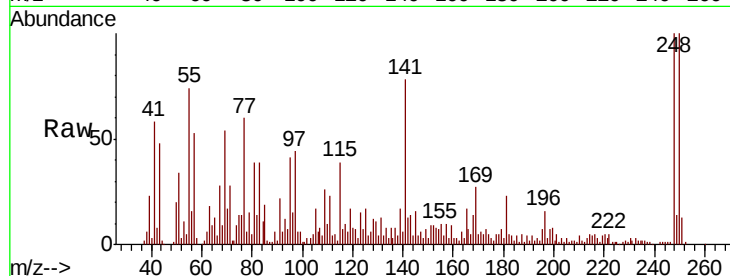
#67
4-Bromophenyl-phenylether
Concen: 40.980 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	76.8	115.2
141	78.4	57.0	85.6

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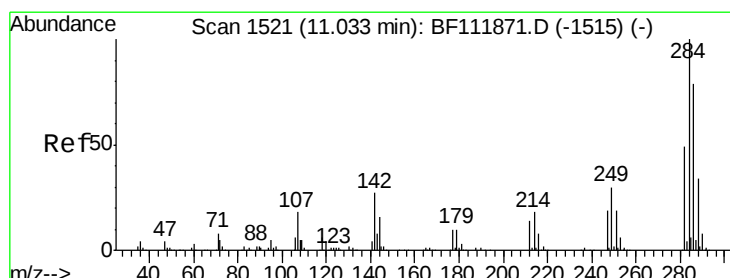
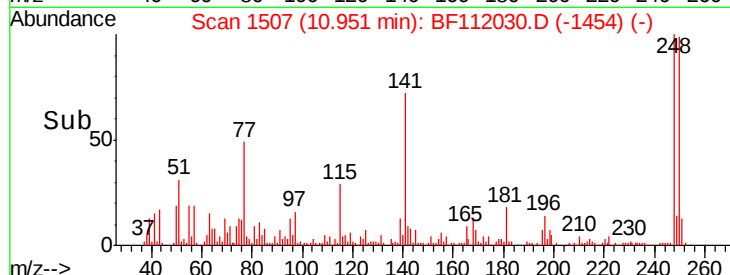
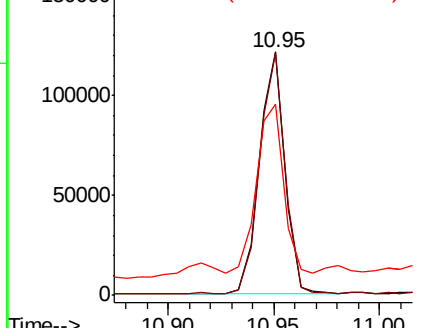


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.191 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.02 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

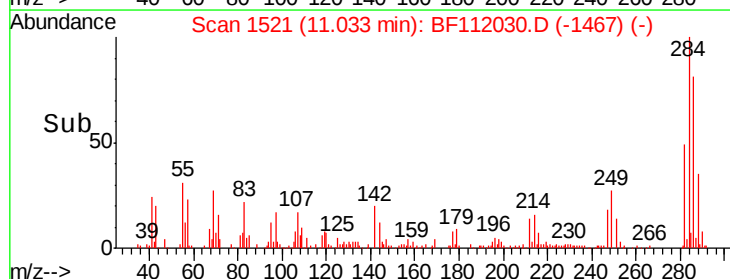
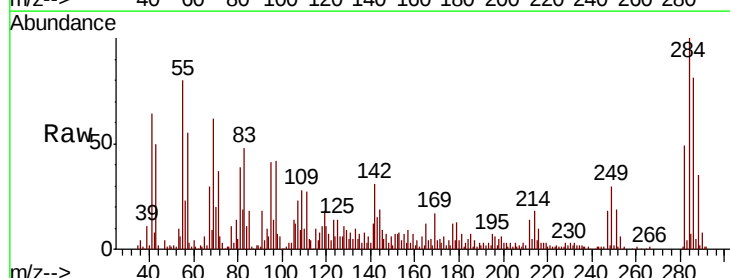
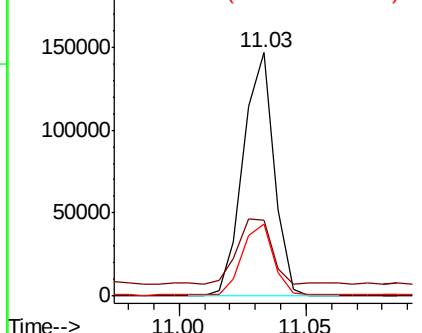
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	21.8	32.6
249	29.6	23.8	35.6

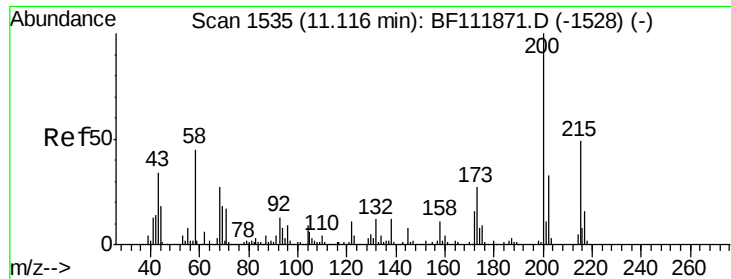
Abundance

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





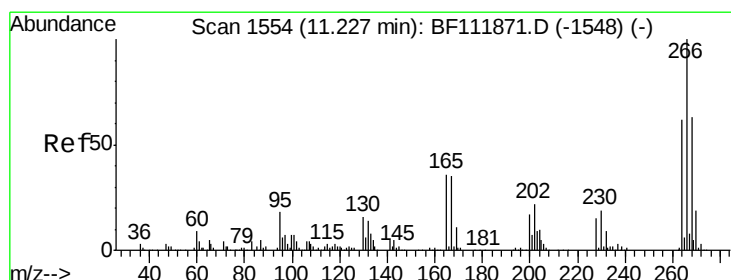
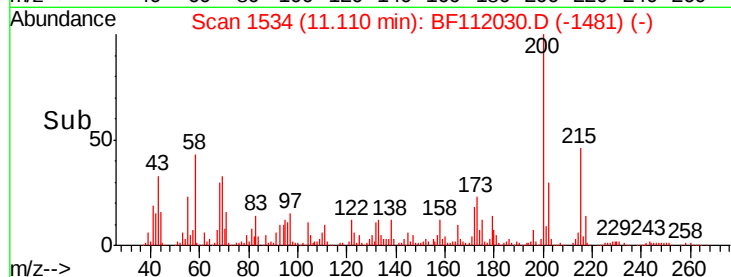
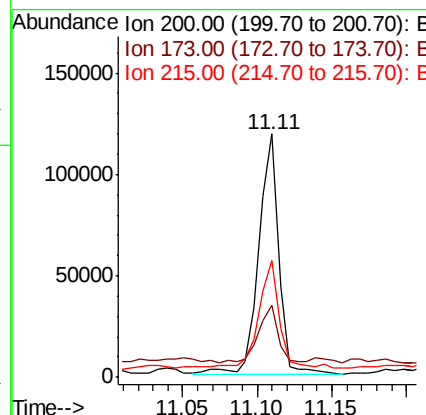
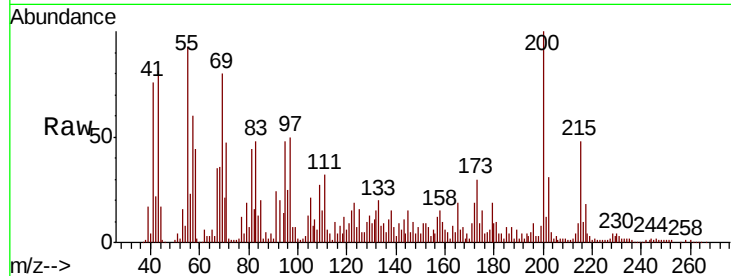
#69
Atrazine
Concen: 48.113 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.7	6.6	46.6
215	47.8	28.9	68.9

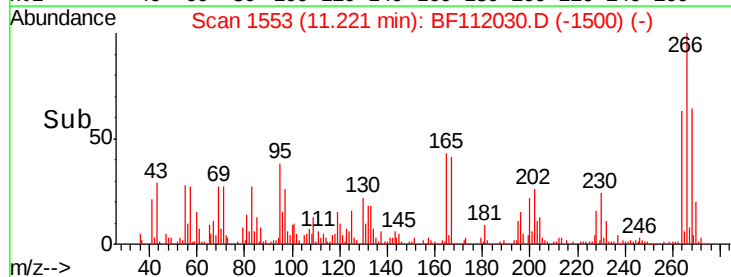
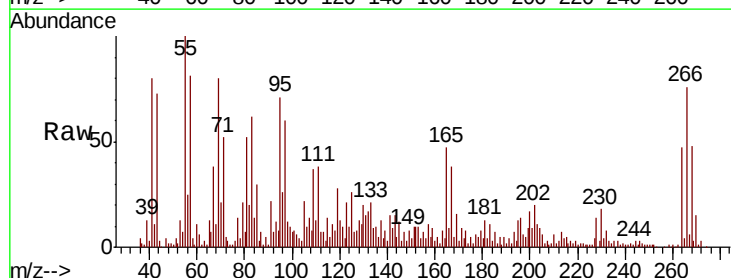
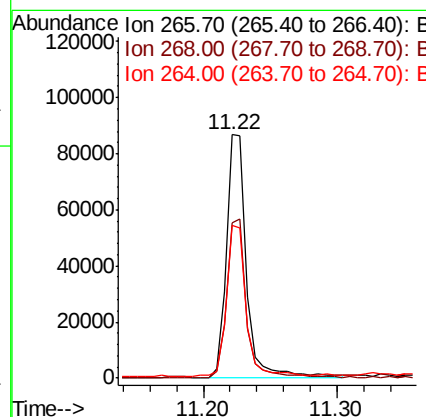
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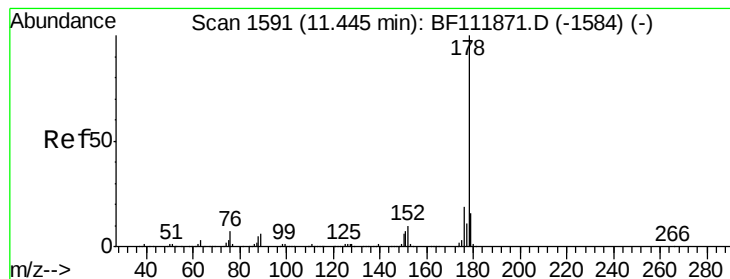
Sohil
1/14/2019 4:10:38 PM



#70
Pentachlorophenol
Concen: 59.475 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.7	50.6	76.0
264	62.6	49.3	73.9





#71

Phenanthrene

Concen: 69.628 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

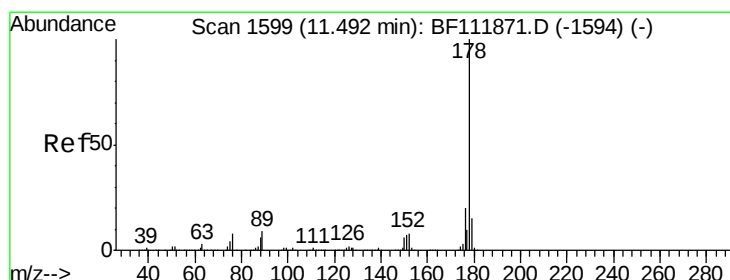
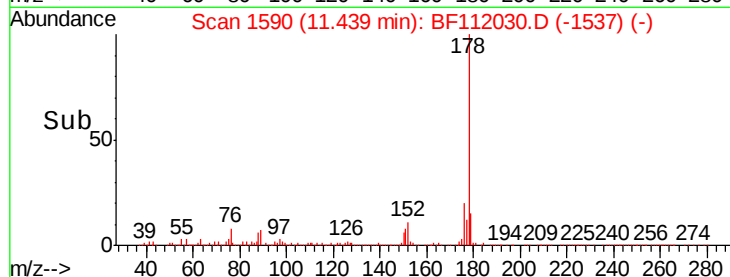
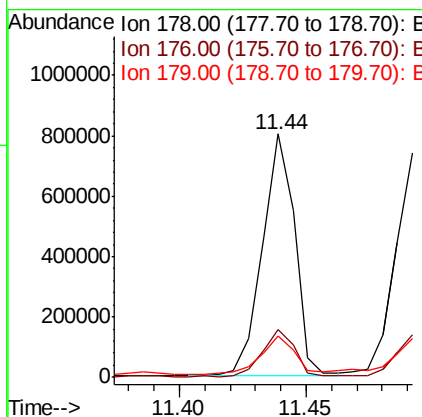
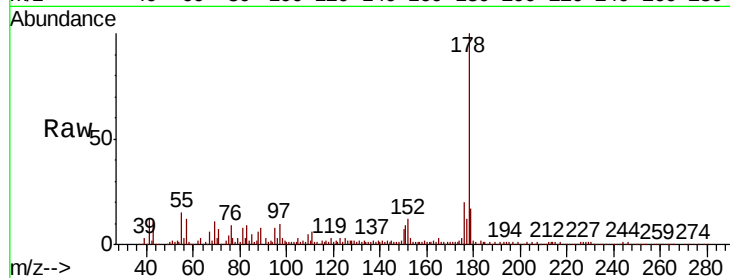
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:178	Resp:	716011
Ion Ratio	Lower	Upper
178	100	
176	19.8	15.6 23.4
179	16.8	12.6 18.8

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#72

Anthracene

Concen: 58.476 ng

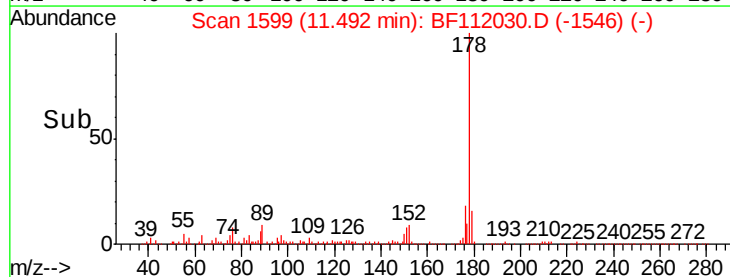
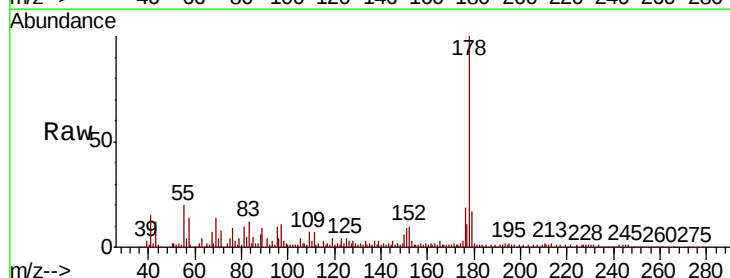
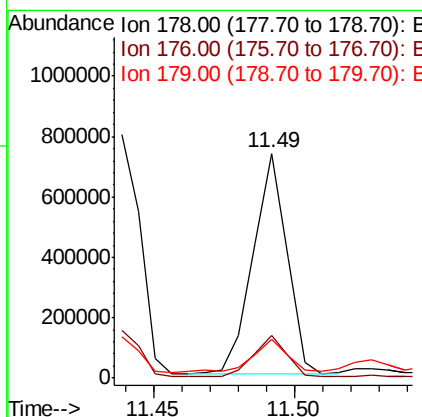
RT: 11.49 min Scan# 1599

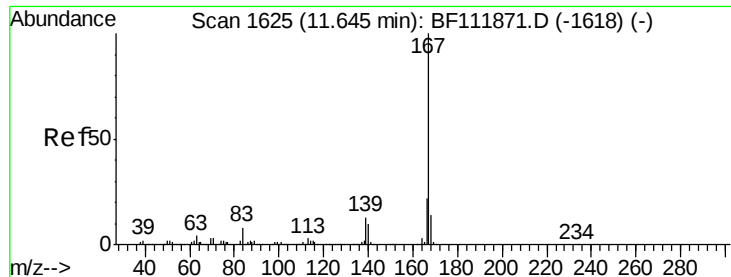
Delta R.T. 0.01 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Tgt Ion:178	Resp:	610435
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.7 23.5
179	17.1	12.4 18.6





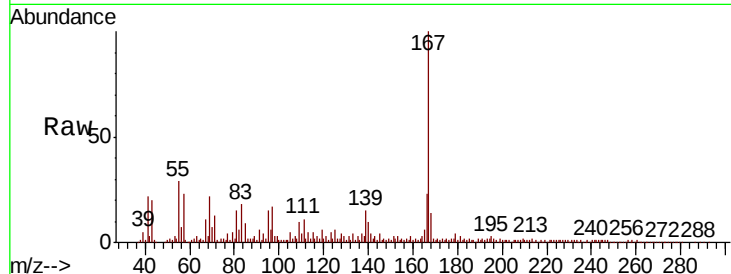
#73
 Carbazole
 Concen: 62.844 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.02 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :
 CPSB-06(15-20)MSD

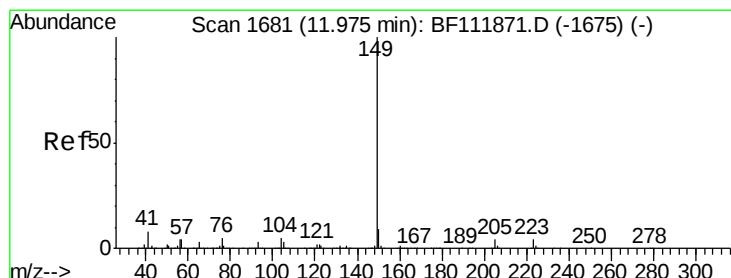
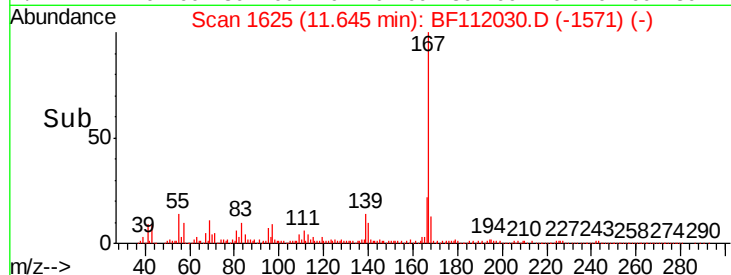
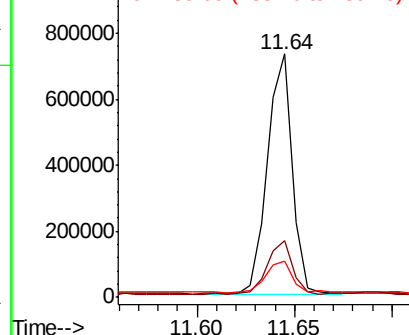
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.8	26.6
139	15.0	10.6	16.0

Manual Integrations
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 1/14/2019 4:10:38 PM

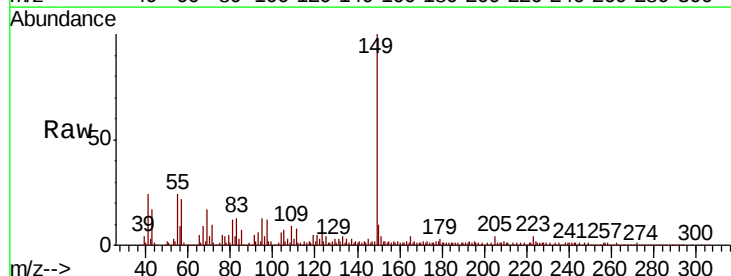


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

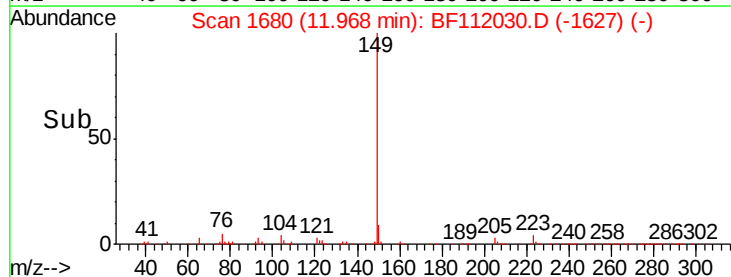
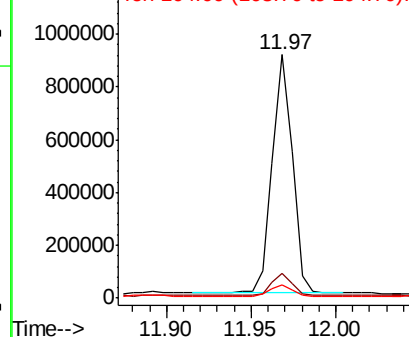


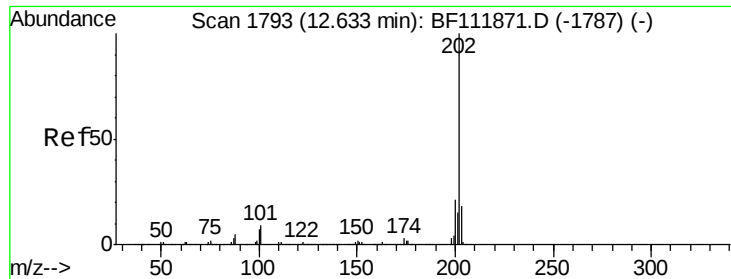
#74
 Di-n-butylphthalate
 Concen: 63.140 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. 0.01 min
 Lab File: BF112030.D
 Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.5	11.3
104	5.6	3.9	5.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 82.247 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.02 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

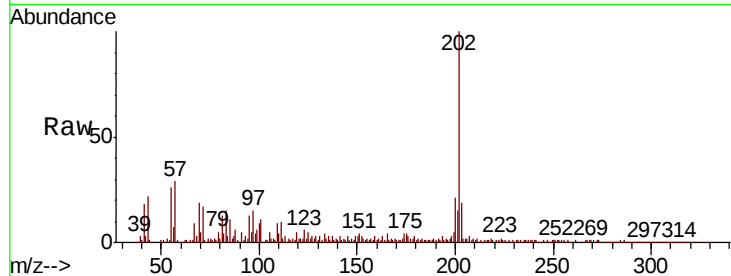
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	868272		
101	11.0	0.0	29.3	
203	18.6	0.0	37.6	

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Sohil
1/14/2019 4:10:38 PM

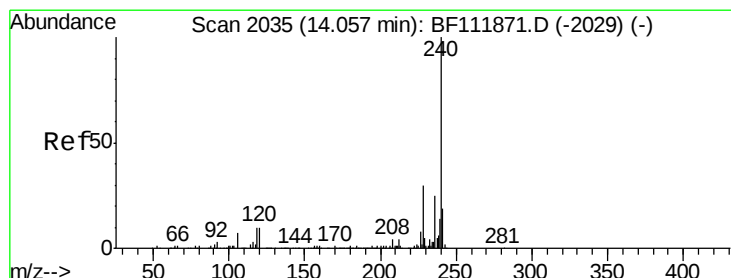
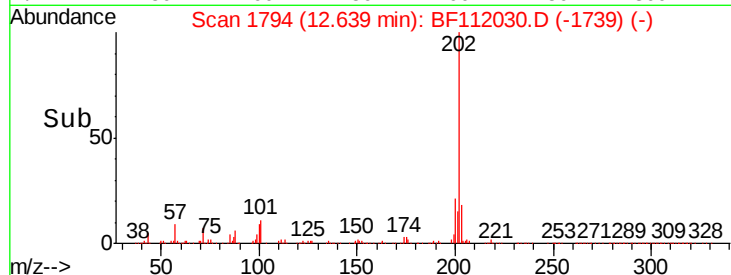
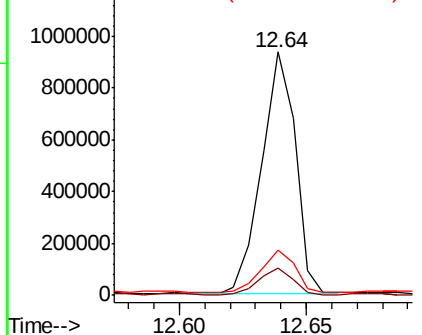


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

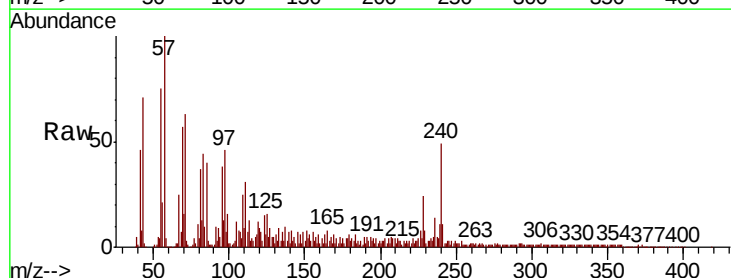
RT: 14.07 min Scan# 2038

Delta R.T. 0.03 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	165468		
120	18.5	8.2	12.2#	
236	28.8	20.2	30.4	

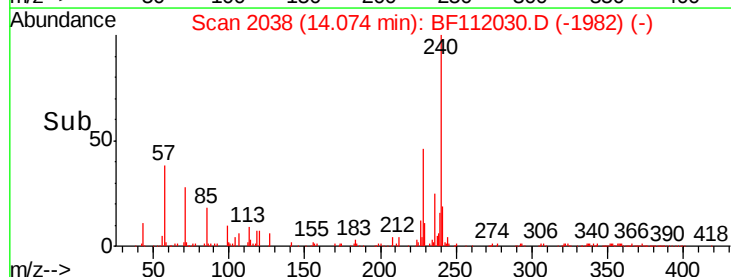
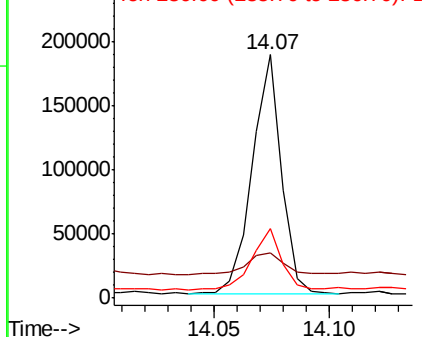


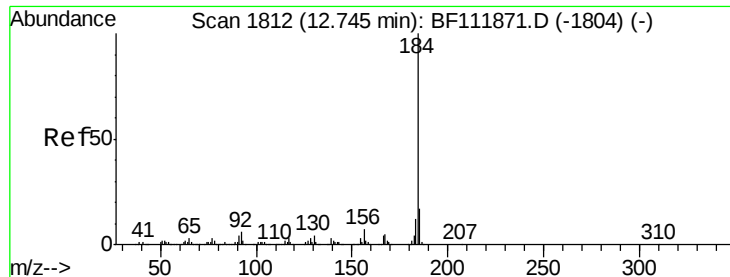
Abundance

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: 26.451 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.02 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

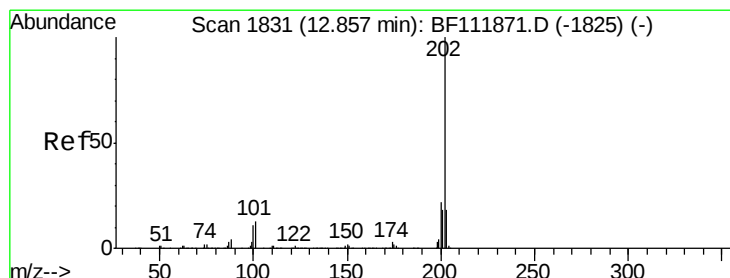
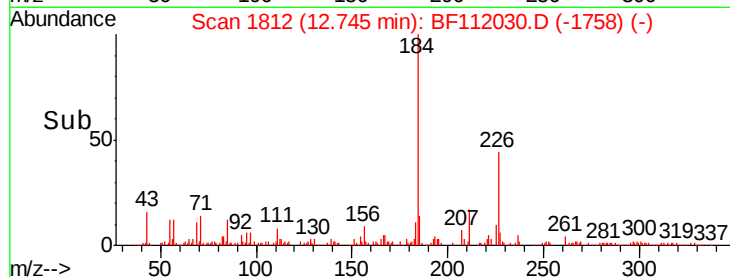
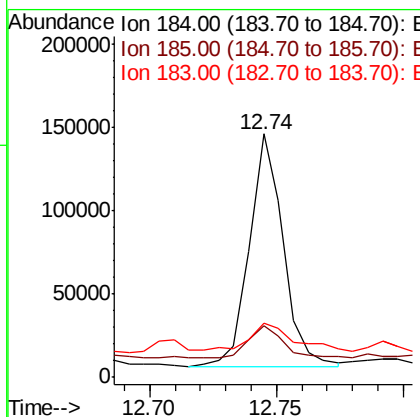
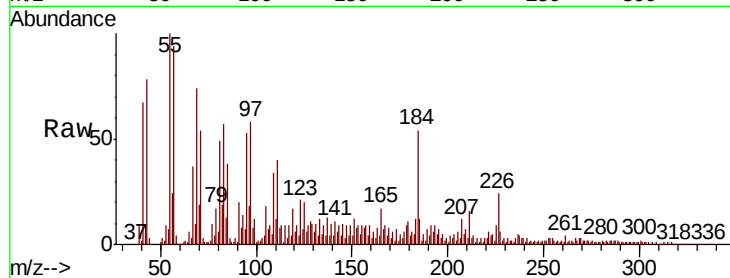
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:	184	Resp:	130781
Ion Ratio	Lower	Upper	
184	100		
185	21.4	13.4	20.0#
183	22.3	9.6	14.4#

Manual Integrations
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1/14/2019 4:10:38 PM



#78

Pyrene

Concen: 69.767 ng

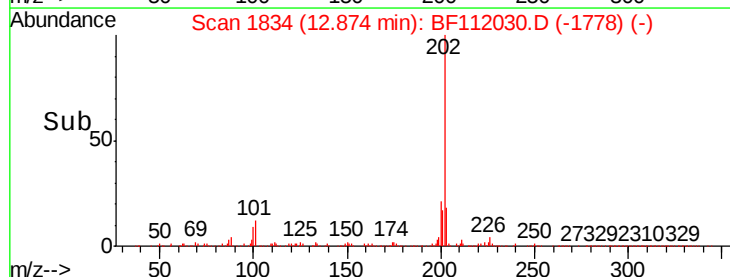
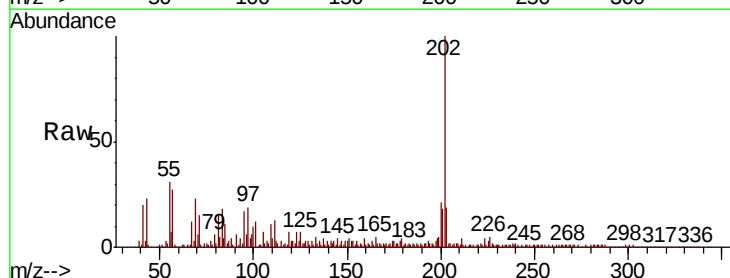
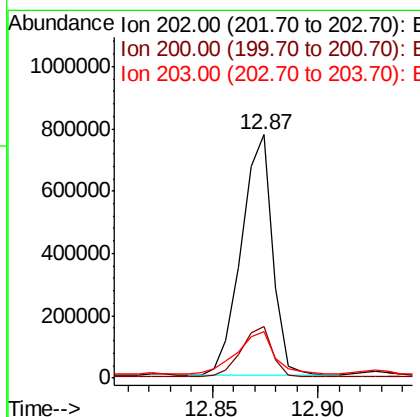
RT: 12.87 min Scan# 1834

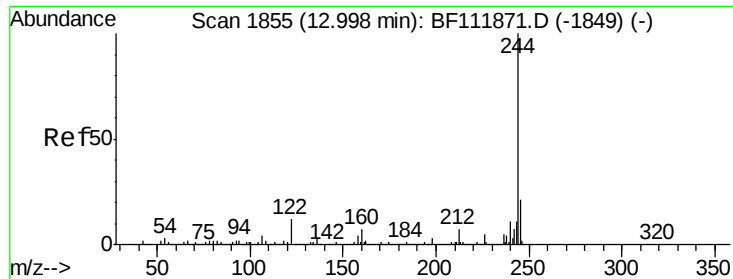
Delta R.T. 0.03 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Tgt Ion:	202	Resp:	794316
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	18.9	14.6	21.8





#79

Terphenyl-d14

Concen: 97.452 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.02 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

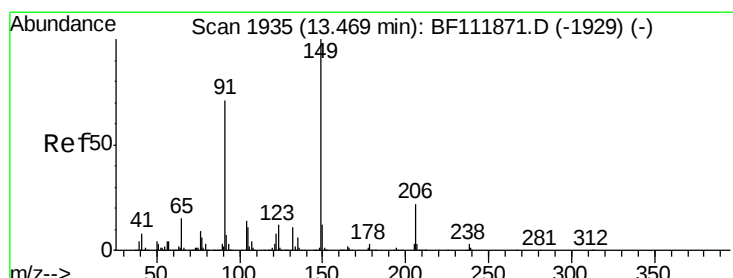
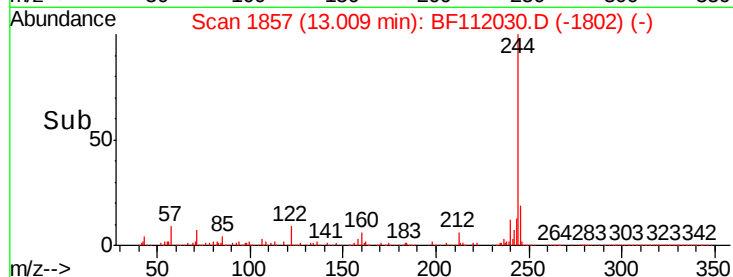
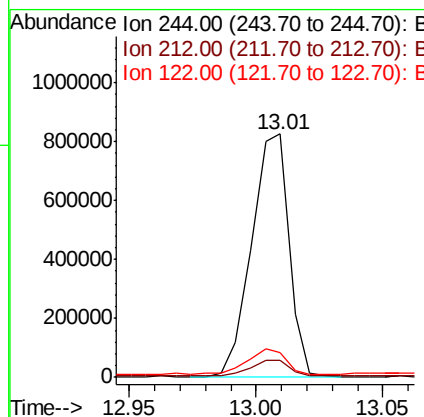
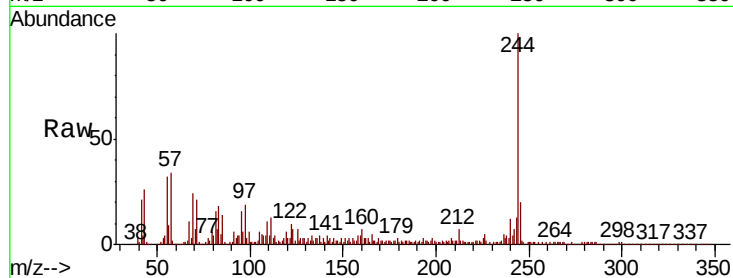
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:	244	Resp:	849490
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	10.3	9.5	14.3

Manual Integrations
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Sohil
1/14/2019 4:10:38 PM



#80

Butylbenzylphthalate

Concen: 55.851 ng

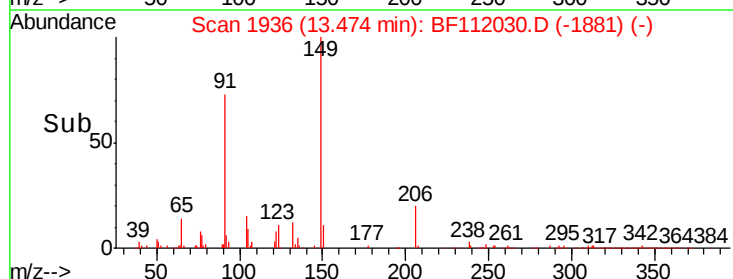
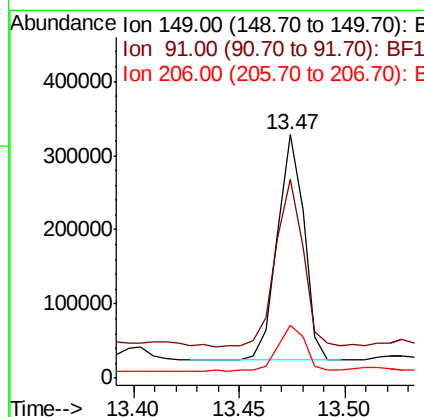
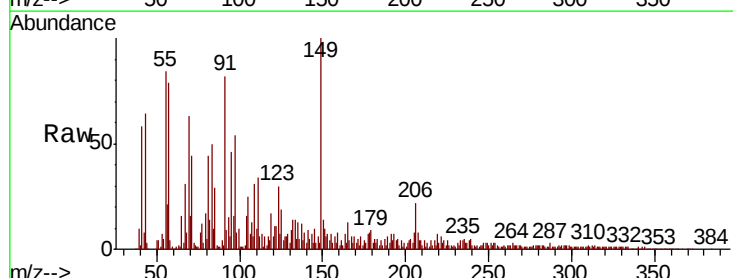
RT: 13.47 min Scan# 1936

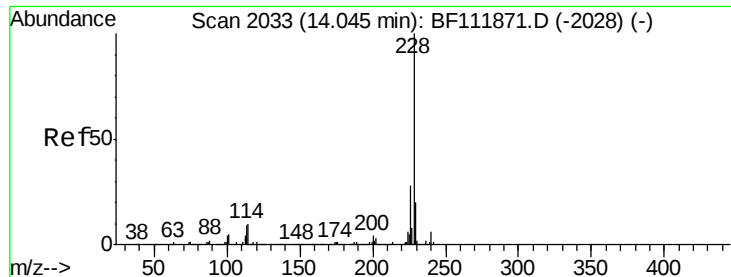
Delta R.T. 0.02 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Tgt Ion:	149	Resp:	268827
Ion Ratio	Lower	Upper	
149	100		
91	81.8	57.2	85.8
206	21.9	17.3	25.9





#81

Benzo(a)anthracene

Concen: 51.629 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.03 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

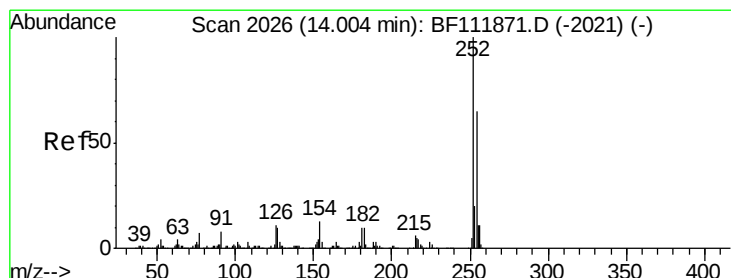
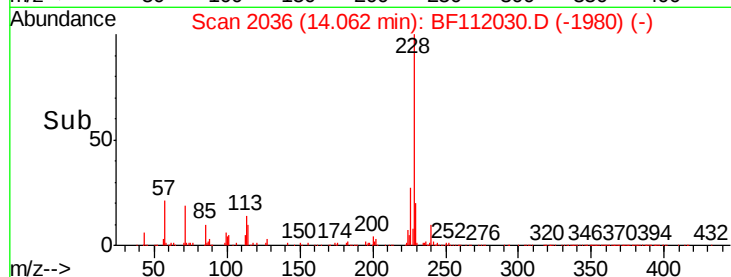
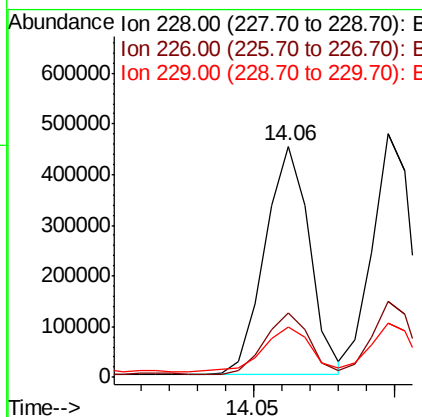
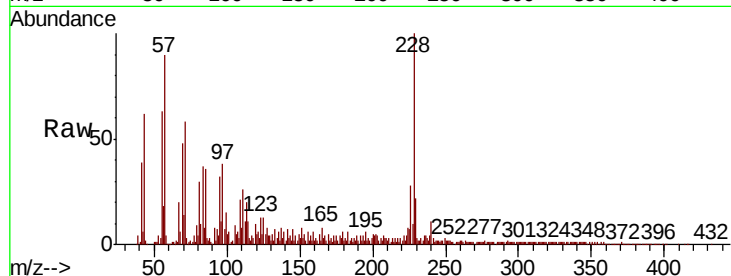
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:	228	Resp:	491663
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.2	33.2
229	22.0	16.2	24.2

Manual Integrations
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Sohil
1/14/2019 4:10:38 PM



#82

3,3'-Dichlorobenzidine

Concen: 12.038 ng

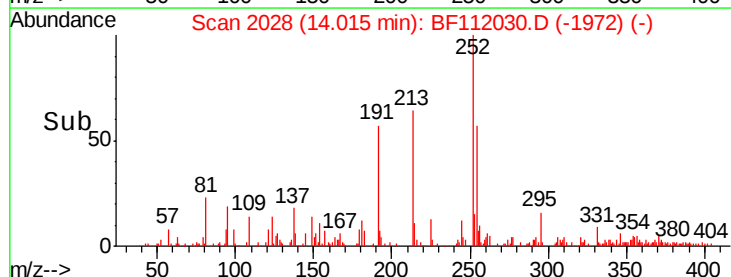
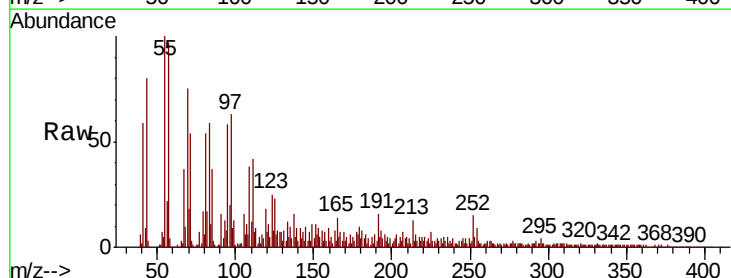
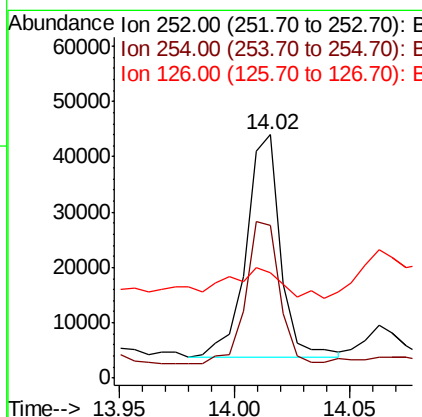
RT: 14.02 min Scan# 2028

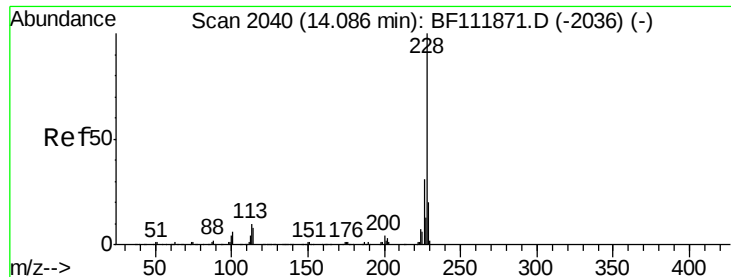
Delta R.T. 0.03 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Tgt Ion:	252	Resp:	42323
Ion Ratio	Lower	Upper	
252	100		
254	62.6	52.1	78.1
126	43.1	8.6	12.8#





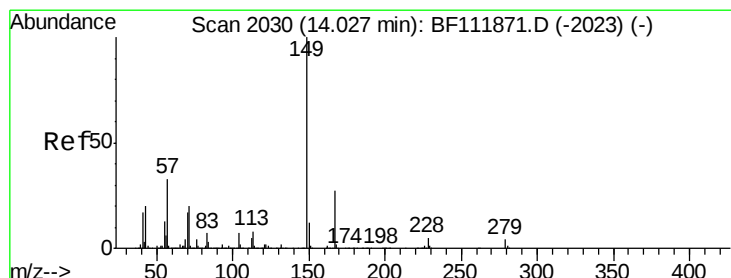
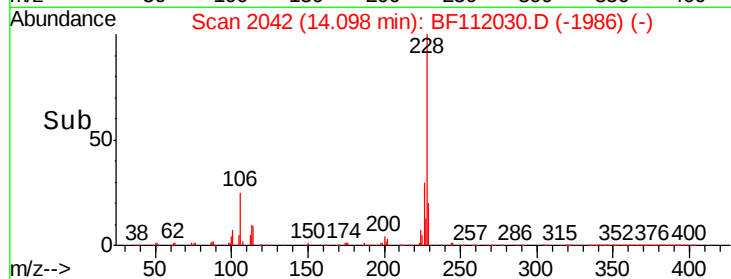
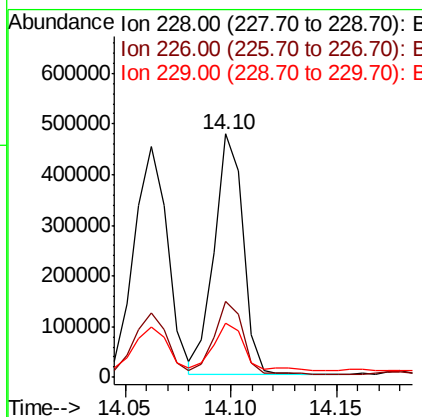
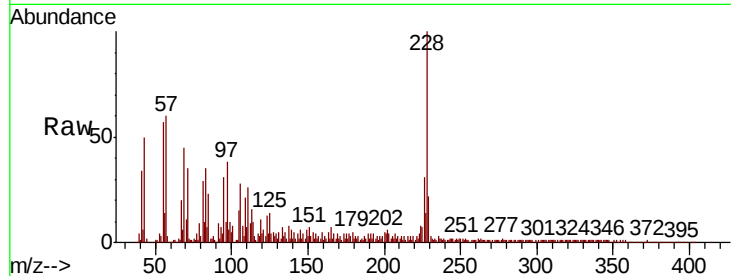
#83
Chrysene
Concen: 49.560 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.03 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion:	228	Resp:	450001
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.6	37.0
229	22.1	15.7	23.5

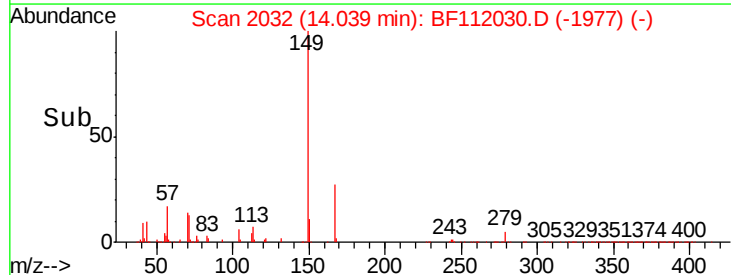
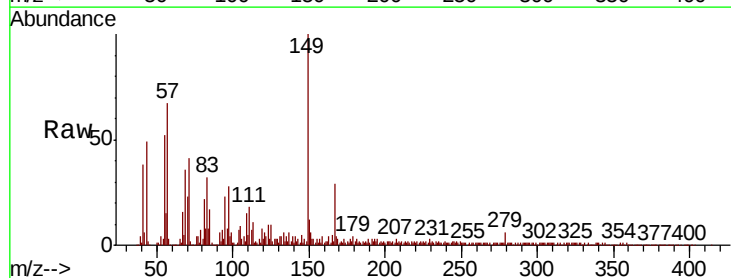
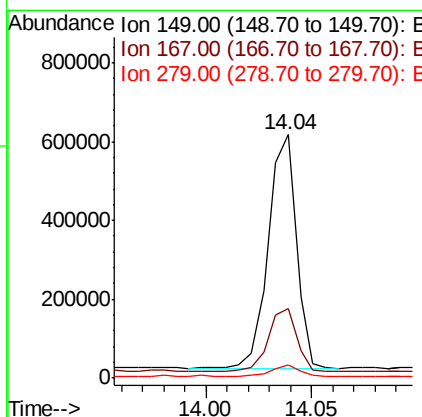
Manual Integrations
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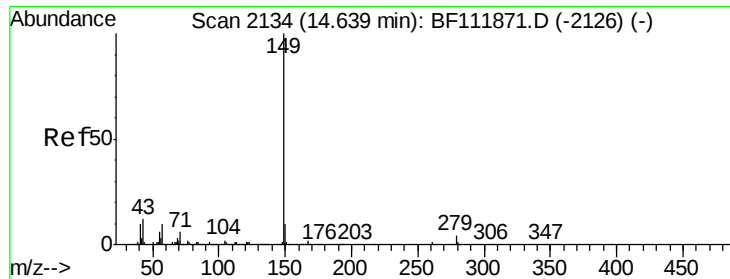
Sohil
1/14/2019 4:10:38 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 87.485 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.02 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion:	149	Resp:	553018
Ion Ratio	Lower	Upper	
149	100		
167	28.7	21.5	32.3
279	5.6	3.0	4.6#





#85

Di-n-octyl phthalate

Concen: 54.181 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.02 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:149 Resp: 490132

Ion Ratio Lower Upper

149 100

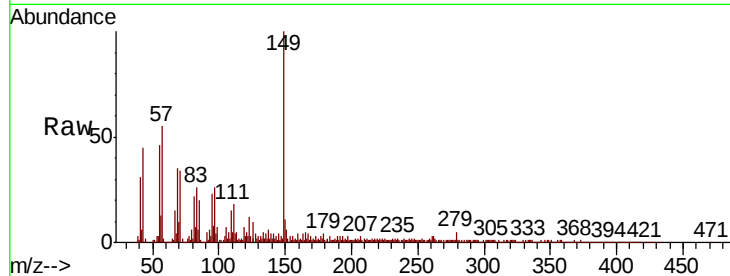
167 2.1 1.3 1.9#

43 30.2 9.1 13.7#

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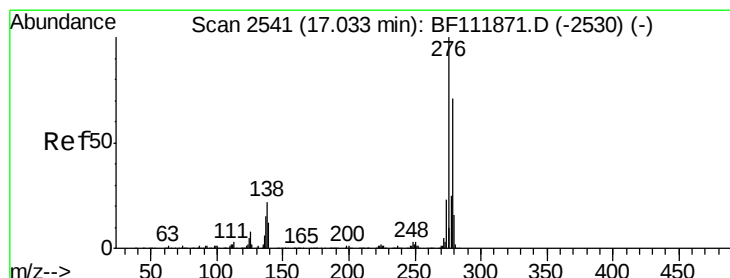
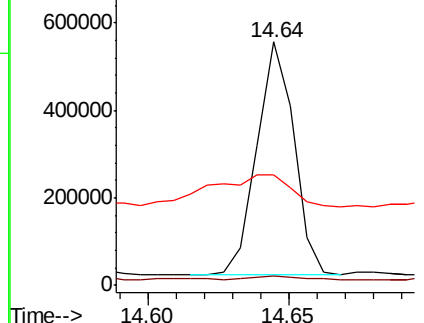
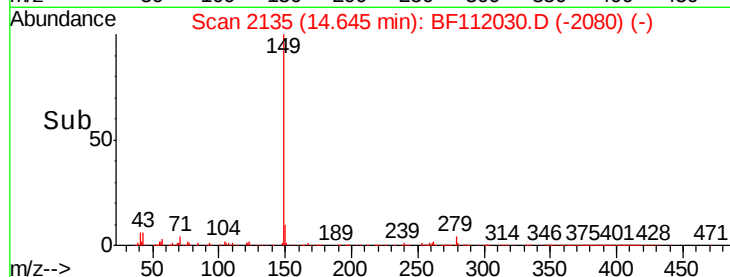
1/14/2019 4:10:38 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 56.167 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.06 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

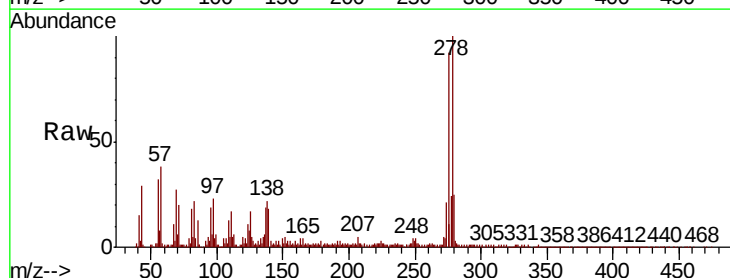
Tgt Ion:276 Resp: 371804

Ion Ratio Lower Upper

276 100

138 22.3 18.1 27.1

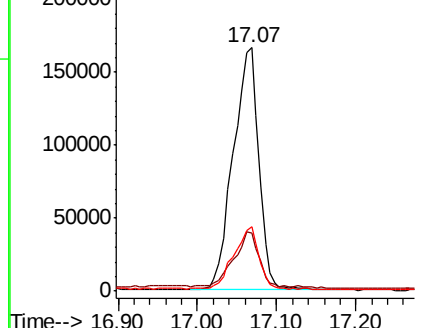
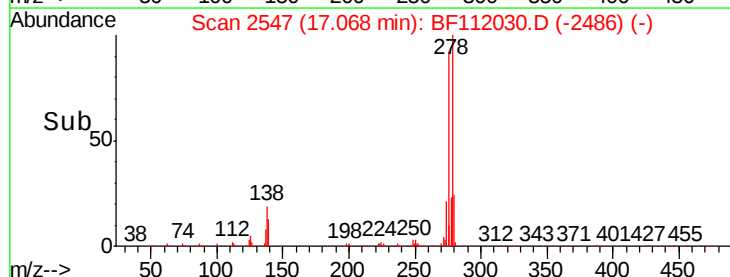
277 24.7 19.9 29.9

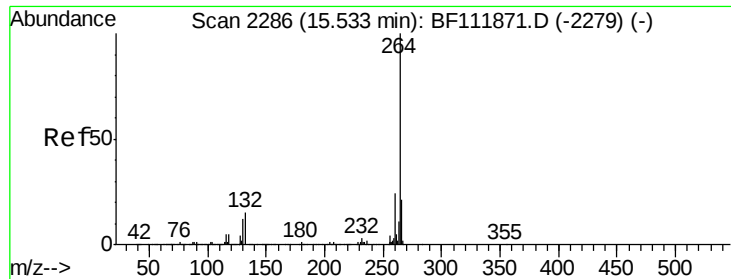


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. 0.05 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

Instrument :

BNA_F

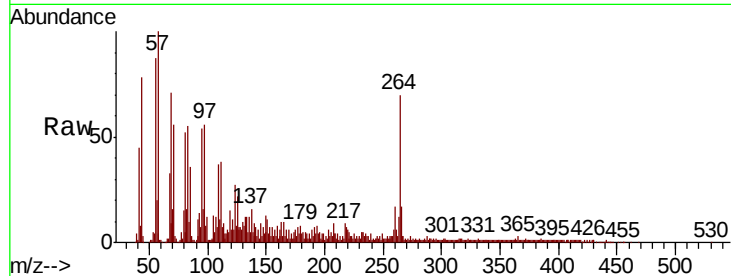
ClientSampleId :

CPSB-06(15-20)MSD

Tot Ion:	264	Resp:	147455
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	24.1	17.1	25.7

Manual Integrations
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Sohil
1/14/2019 4:10:38 PM

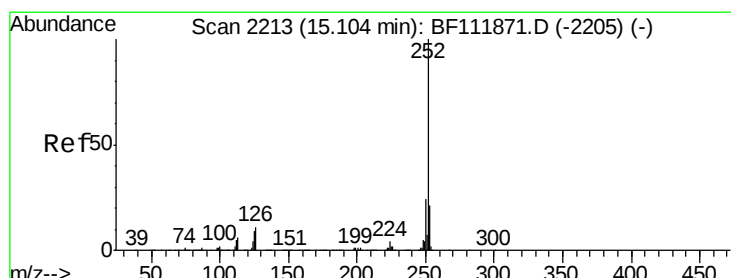
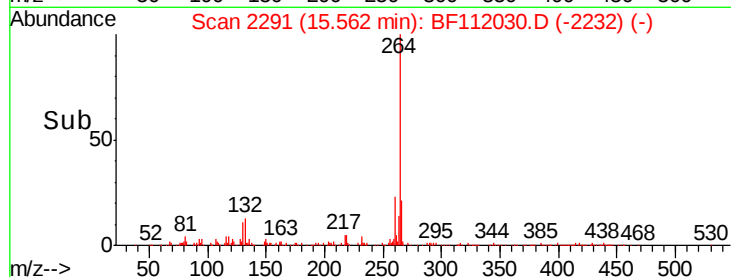
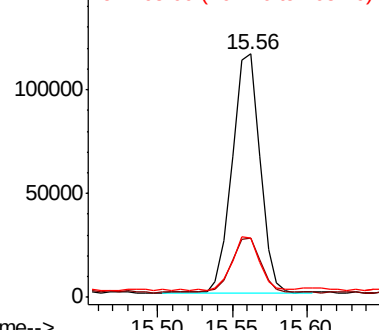


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.057 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.03 min

Lab File: BF112030.D

Acq: 11 Jan 2019 22:00

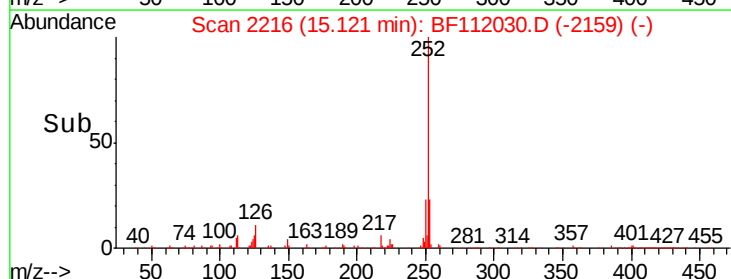
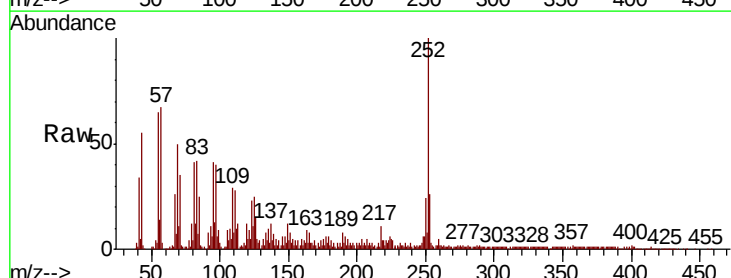
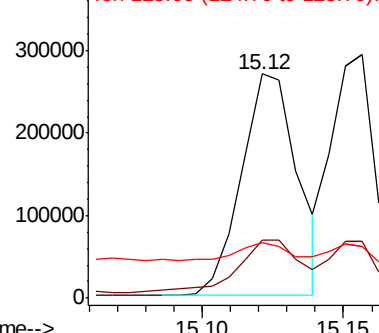
Tgt Ion:	252	Resp:	370966
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.0	25.6#
125	24.6	7.1	10.7#

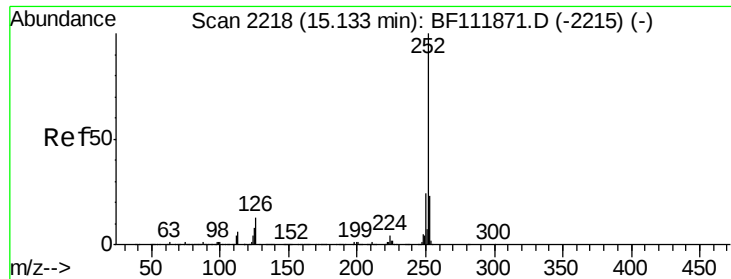
Abundance

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





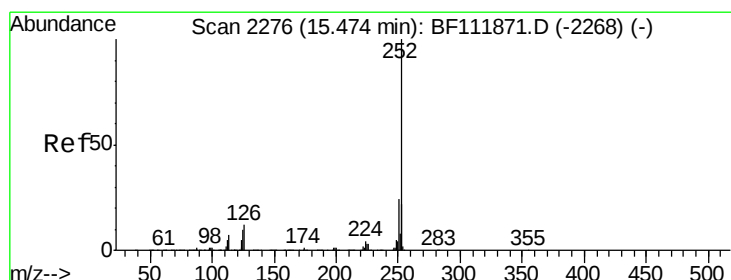
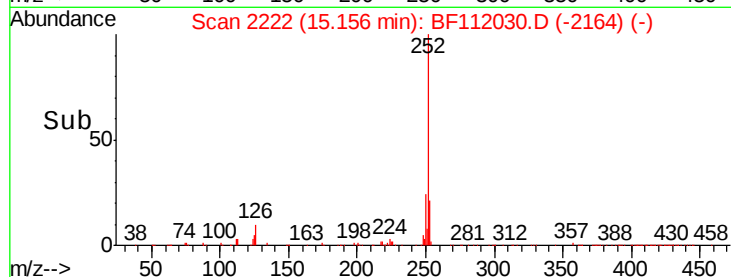
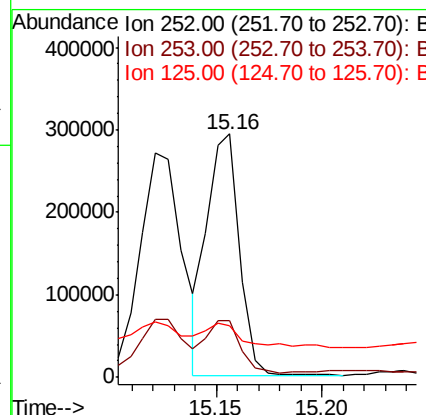
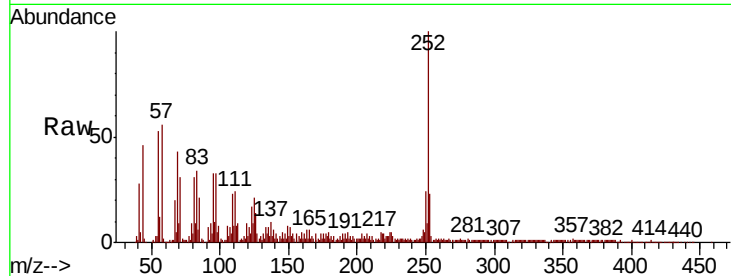
#89
Benzo(k)fluoranthene
Concen: 37.552 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.04 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	21.3	7.0	10.4

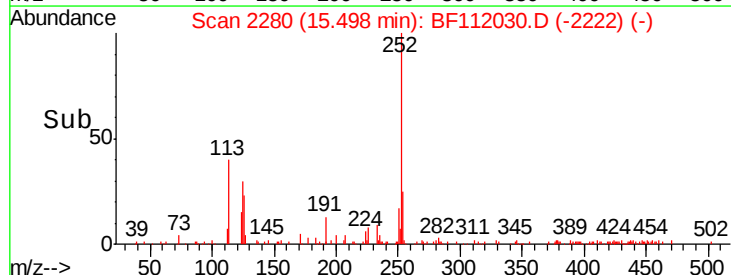
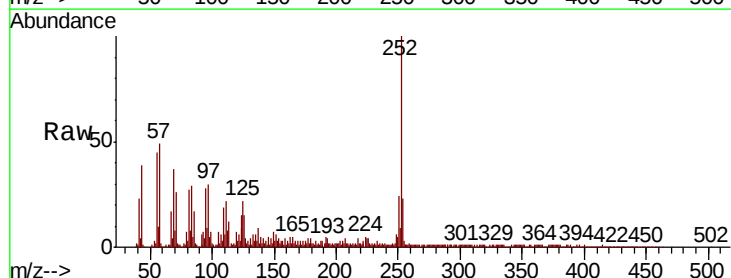
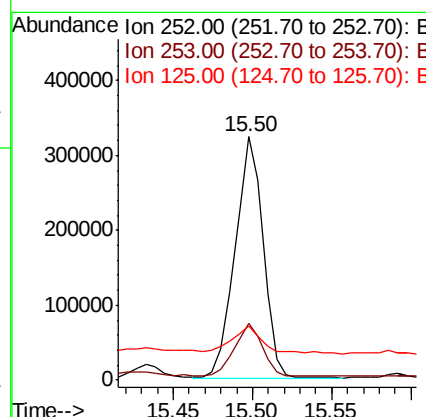
Manual Integrations
APPROVED

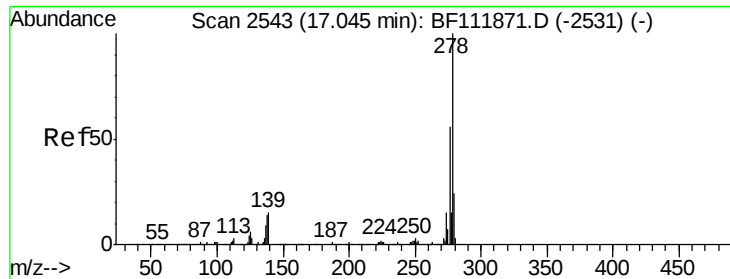
Sohil
1/14/2019 4:10:38 PM



#90
Benzo(a)pyrene
Concen: 50.860 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	22.1	7.9	11.9





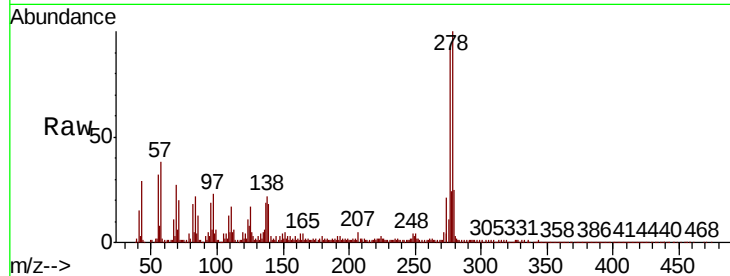
#91
Dibenzo(a,h)anthracene
Concen: 48.308 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.05 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	11.8	17.6#
279	25.0	19.4	29.2

Manual Integrations
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Sohil
1/14/2019 4:10:38 PM

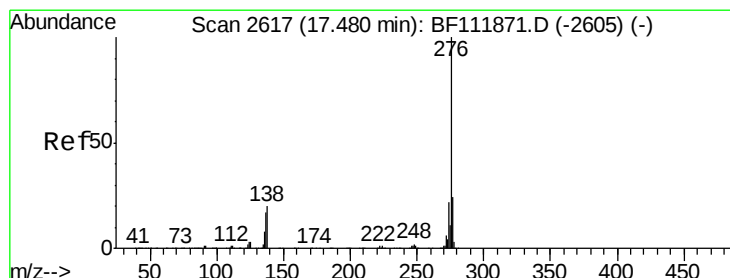
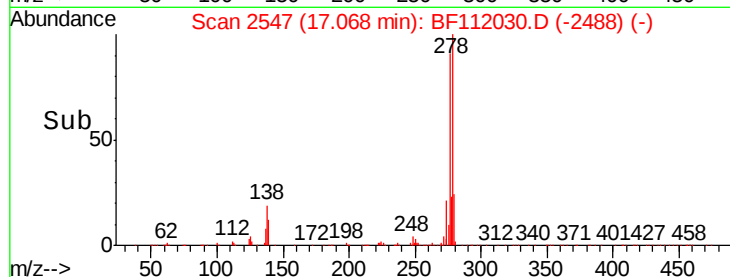
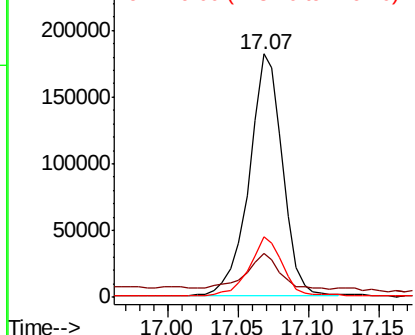


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 34.476 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.05 min
Lab File: BF112030.D
Acq: 11 Jan 2019 22:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.6
138	18.0	16.2	24.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

