

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112323.D
 Acq On : 30 Jan 2019 15:55
 Operator : JU/SJ
 Sample : PB116683BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Manual Integrations
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mohammad
 2/1/2019 12:06:23 AM

Quant Time: Jan 30 23:55:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	133094	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	502483	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	243816	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	456230	20.00	ng	0.00
76) Chrysene-d12	14.00	240	273277	20.00	ng	0.00
87) Perylene-d12	15.47	264	272063	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	926835	147.91	ng	0.00
7) Phenol-d6	6.49	99	1138129	130.72	ng	0.00
23) Nitrobenzene-d5	7.40	82	677009	77.63	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	358361	126.27	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1371288	79.55	ng	0.00
79) Terphenyl-d14	12.94	244	1285184	88.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	119168	47.741	ng	96
3) Pyridine	3.45	79	316580	49.859	ng	97
4) n-Nitrosodimethylamine	3.40	42	140534	52.681	ng	97
6) Aniline	6.50	93	266672	25.747	ng	# 24
8) 2-Chlorophenol	6.63	128	331844	39.367	ng	99
9) Benzaldehyde	6.39	77	72915	16.022	ng	99
10) Phenol	6.50	94	371357	38.875	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	291933	38.818	ng	98
12) 1,3-Dichlorobenzene	6.78	146	372066	37.901	ng	99
13) 1,4-Dichlorobenzene	6.86	146	386327	38.238	ng	99
14) 1,2-Dichlorobenzene	7.01	146	354405	37.466	ng	96
15) Benzyl Alcohol	6.99	79	271053	36.930	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	364310	37.729	ng	# 45
17) 2-Methylphenol	7.10	107	252393	37.771	ng	# 91
18) Hexachloroethane	7.35	117	133022	37.494	ng	92
19) n-Nitroso-di-n-propylamine	7.25	70	218799	36.443	ng	98
20) 3+4-Methylphenols	7.26	107	329689	38.583	ng	# 68
22) Acetophenone	7.25	105	444835	36.356	ng	96
24) Nitrobenzene	7.42	77	332302	38.154	ng	96
25) Isophorone	7.66	82	582870	42.605	ng	100
26) 2-Nitrophenol	7.74	139	181419	38.978	ng	98
27) 2,4-Dimethylphenol	7.78	122	280660	43.766	ng	93
28) bis(2-Chloroethoxy)methane	7.87	93	368081	39.513	ng	98
29) 2,4-Dichlorophenol	7.99	162	282772	39.404	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	322346	39.077	ng	99
31) Naphthalene	8.15	128	963869	41.019	ng	99
32) Benzoic acid	7.92	122	142067	38.838	ng	97
33) 4-Chloroaniline	8.19	127	205122	20.048	ng	99
34) Hexachlorobutadiene	8.26	225	175912	36.341	ng	99
35) Caprolactam	8.56	113	88853m	35.098	ng	
36) 4-Chloro-3-methylphenol	8.69	107	283831	37.361	ng	96
37) 2-Methylnaphthalene	8.83	142	664929	41.335	ng	96
38) 1-Methylnaphthalene	8.93	142	632513	41.023	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	308695	38.561	ng	99

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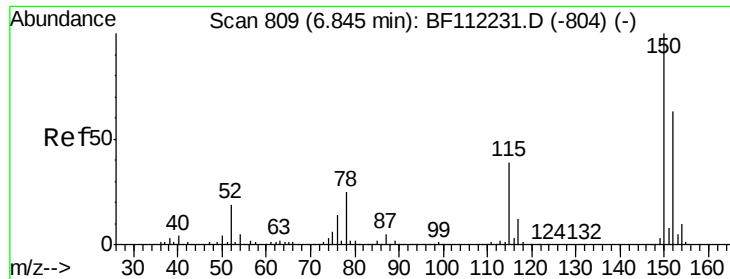
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	138062	49.604	nq	95
43) 2,4,6-Trichlorophenol	9.12	196	193540	39.221	nq	100
44) 2,4,5-Trichlorophenol	9.17	196	200848	38.945	nq	98
46) 1,1'-Biphenyl	9.30	154	813759	38.177	nq	98
47) 2-Chloronaphthalene	9.32	162	625460	37.839	nq	95
48) 2-Nitroaniline	9.42	65	170960	37.947	nq	93
49) Acenaphthylene	9.74	152	987064	40.742	nq	99
50) Dimethylphthalate	9.59	163	728504	38.457	nq	99
51) 2,6-Dinitrotoluene	9.66	165	164222	38.708	nq	94
52) Acenaphthene	9.91	154	569026	39.317	nq	99
53) 3-Nitroaniline	9.83	138	113099	24.607	nq	97
54) 2,4-Dinitrophenol	9.95	184	74939	55.039	nq	97
55) Dibenzofuran	10.08	168	858211	38.804	nq	95
56) 4-Nitrophenol	10.02	139	178578	73.488	nq	95
57) 2,4-Dinitrotoluene	10.07	165	211611	39.179	nq	# 85
58) Fluorene	10.43	166	680402	41.111	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	155770	39.968	nq	96
60) Diethylphthalate	10.29	149	720941	38.350	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	329986	36.653	nq	99
62) 4-Nitroaniline	10.45	138	158117	35.072	nq	97
63) Azobenzene	10.57	77	619398	37.463	nq	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	63713	24.908	nq	98
66) n-Nitrosodiphenylamine	10.53	169	596564	38.798	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	200392	37.345	nq	95
68) Hexachlorobenzene	10.98	284	215575	37.446	nq	99
69) Atrazine	11.06	200	195806	39.466	nq	99
70) Pentachlorophenol	11.18	266	155072	69.226	nq	98
71) Phenanthrene	11.39	178	934804	39.412	nq	99
72) Anthracene	11.44	178	971474	41.117	nq	100
73) Carbazole	11.60	167	840698	36.072	nq	100
74) Di-n-butylphthalate	11.92	149	1110451	38.386	nq	99
75) Fluoranthene	12.57	202	870245	34.208	nq	99
77) Benzidine	12.69	184	382673	50.877	nq	96
78) Pyrene	12.80	202	857073	45.300	nq	98
80) Butylbenzylphthalate	13.41	149	375332	41.002	nq	92
81) Benzo(a)anthracene	13.99	228	655843	40.825	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	209675	34.875	nq	100
83) Chrysene	14.03	228	611312	39.865	nq	96
84) Bis(2-ethylhexyl)phthalate	13.97	149	503015	38.712	nq	# 97
85) Di-n-octyl phthalate	14.58	149	760212	38.027	nq	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	660144	54.329	nq	98
88) Benzo(b)fluoranthene	15.04	252	620889	38.160	nq	98
89) Benzo(k)fluoranthene	15.07	252	611655	39.247	nq	99
90) Benzo(a)pyrene	15.41	252	599996	40.983	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	546284	46.298	nq	99
92) Benzo(g,h,i)perylene	17.39	276	533998	47.970	nq	99

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



#1

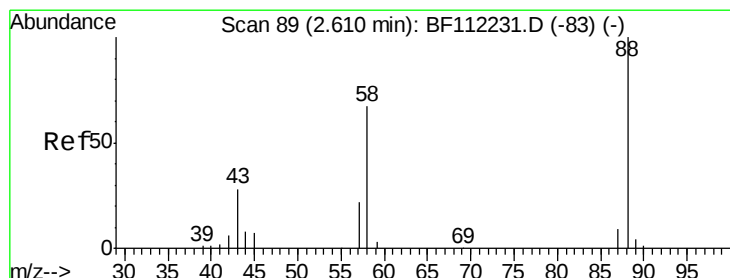
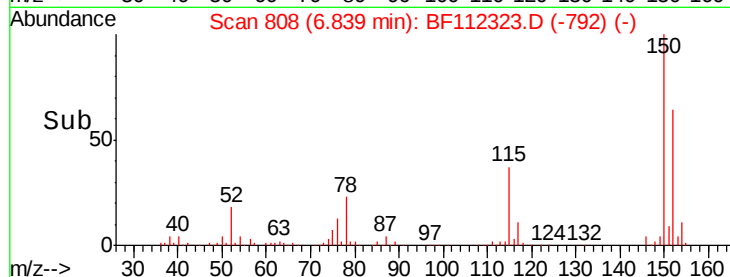
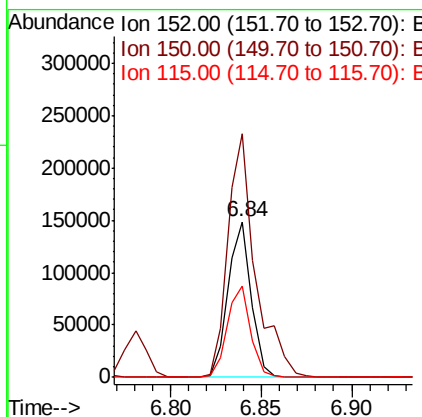
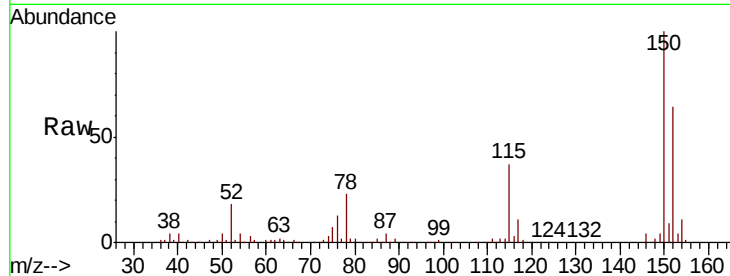
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.4	191.0
115	58.4	45.5	68.3

Manual Integrations
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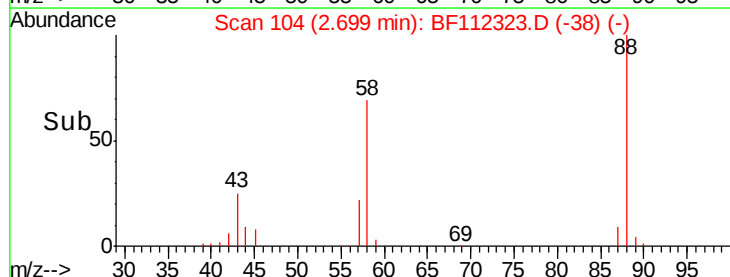
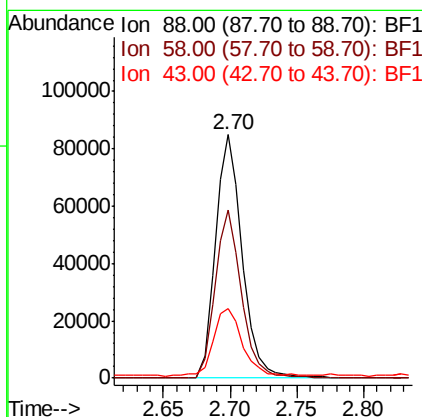
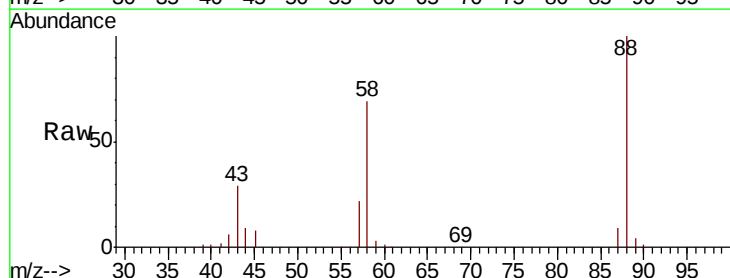
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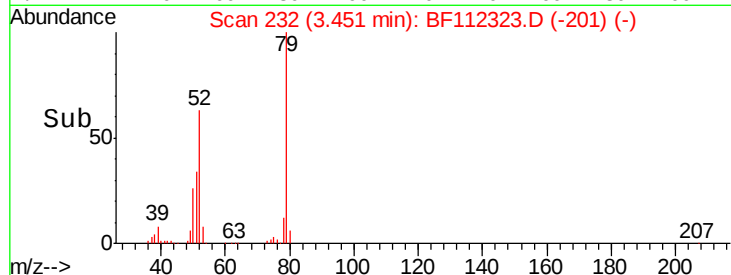
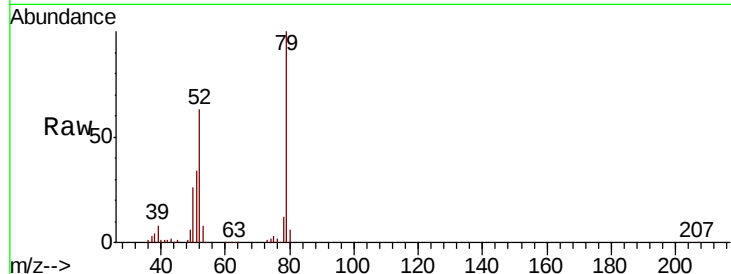
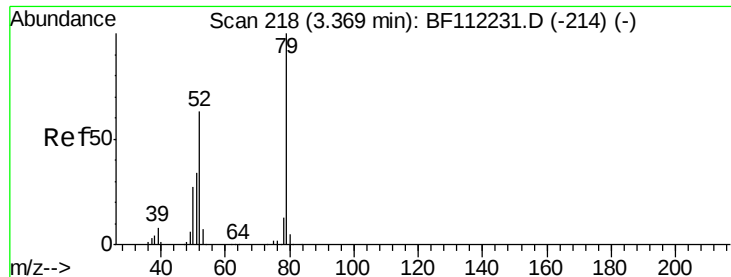


#2

1,4-Dioxane
Concen: 47.741 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	57.4	86.2
43	29.9	22.2	33.4





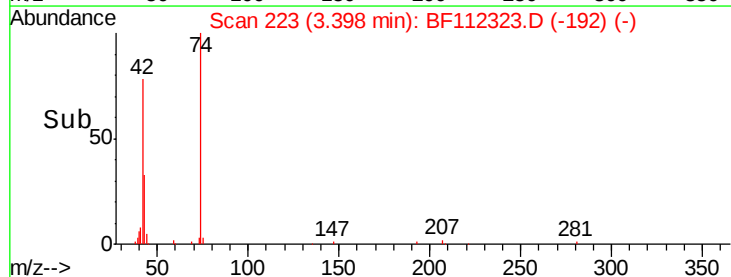
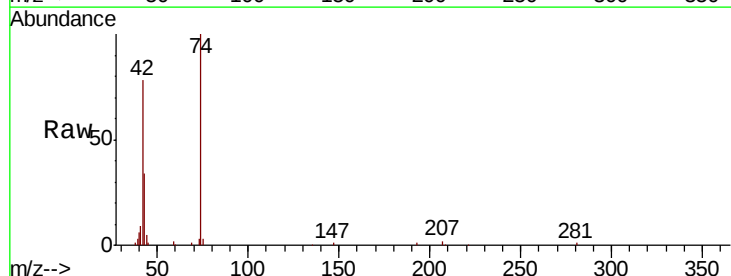
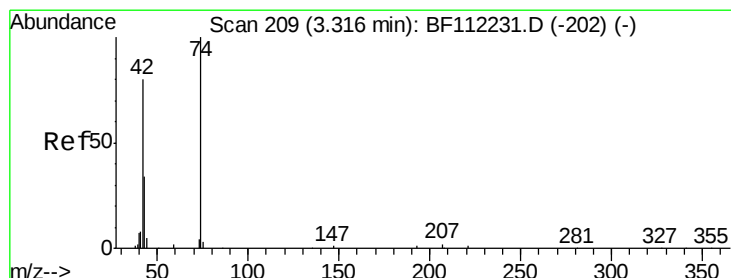
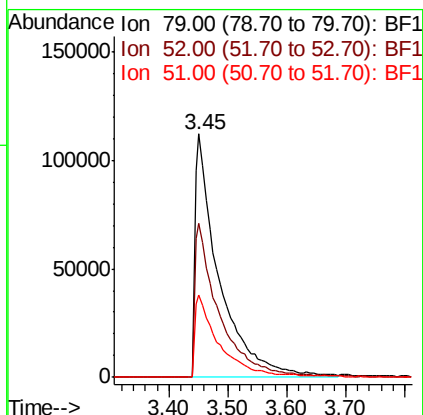
#3
 Pvridine
 Concen: 49.859 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.08 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.1	52.4	78.6
51	33.6	26.1	39.1

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

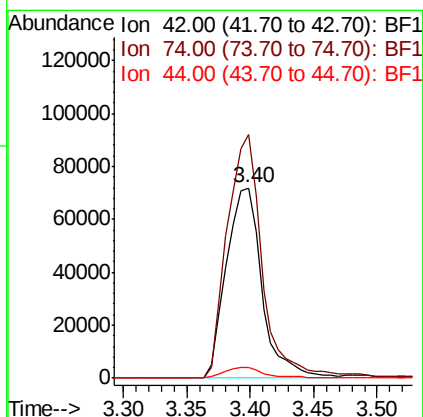
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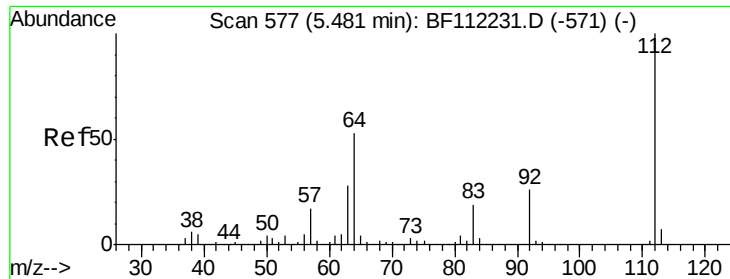
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#4
 n-Nitrosodimethylamine
 Concen: 52.681 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.08 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.1	105.6	158.4
44	5.8	5.4	8.2





#5

2-Fluorophenol

Concen: 147.915 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

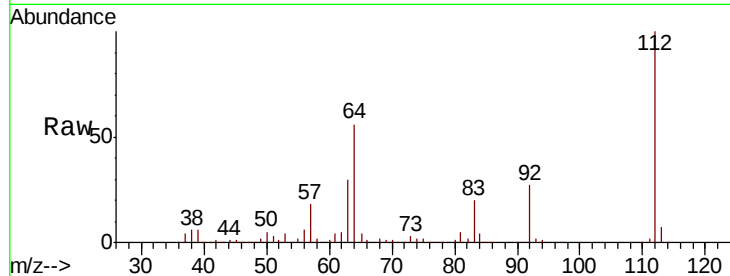
ClientSampleId :

PB116683BS

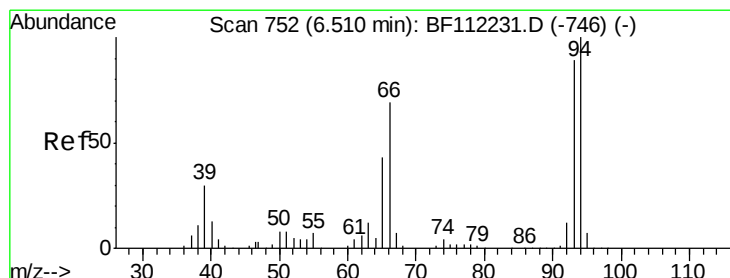
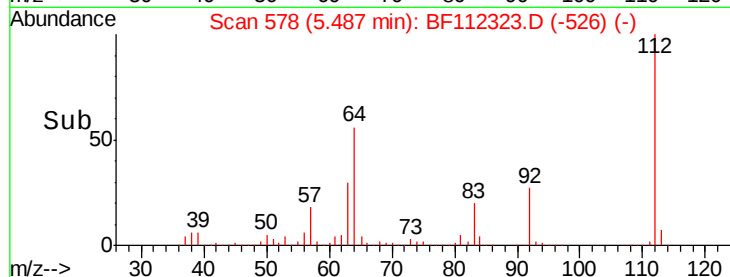
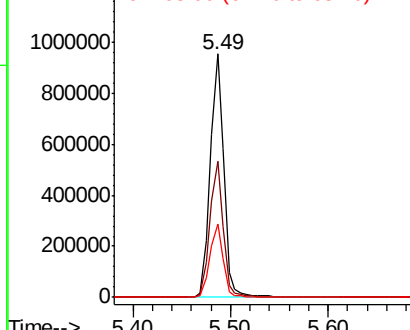
Tot Ion:	112	Resp:	926835
Ion Ratio	Lower	Upper	
112	100		
64	56.1	45.7	68.5
63	30.3	23.6	35.4

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



#6

Aniline

Concen: 25.747 ng

RT: 6.50 min Scan# 751

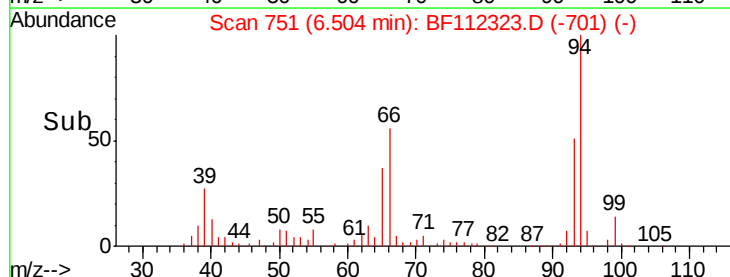
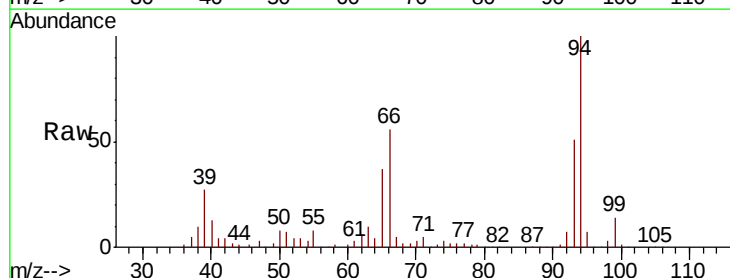
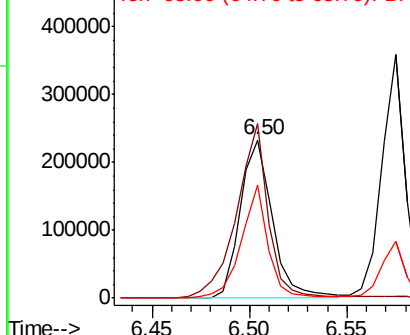
Delta R.T. -0.01 min

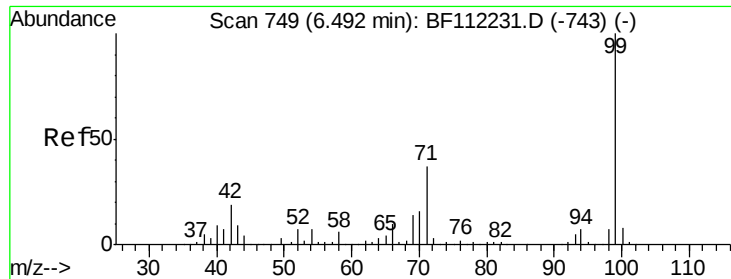
Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Tgt Ion:	93	Resp:	266672
Ion Ratio	Lower	Upper	
93	100		
66	110.1	43.4	65.2#
65	72.0	25.3	37.9#

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





#7

Phenol-d6

Concen: 130.715 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

Tot Ion: 99 Resp: 1138129

Ion Ratio Lower Upper

99 100

42 19.4 15.1 22.7

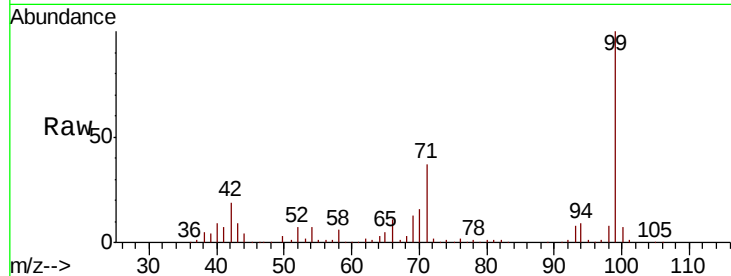
71 36.6 26.9 40.3

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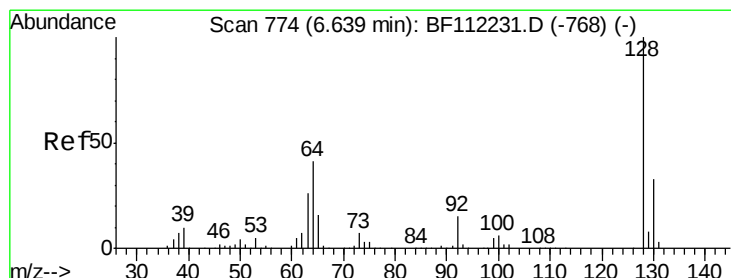
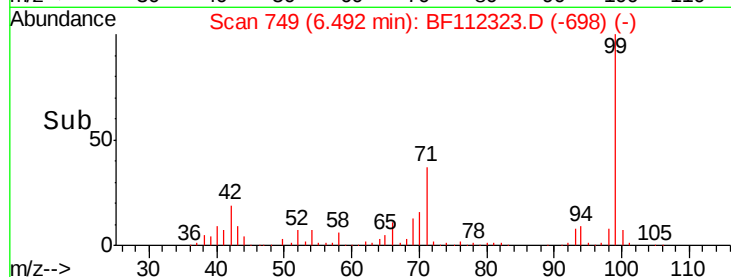
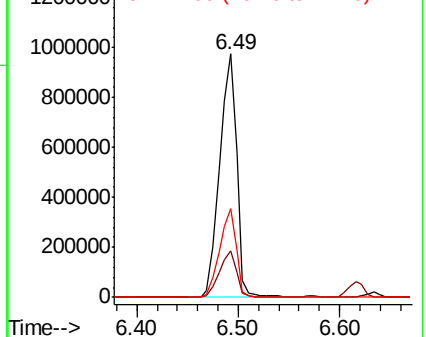
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.367 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

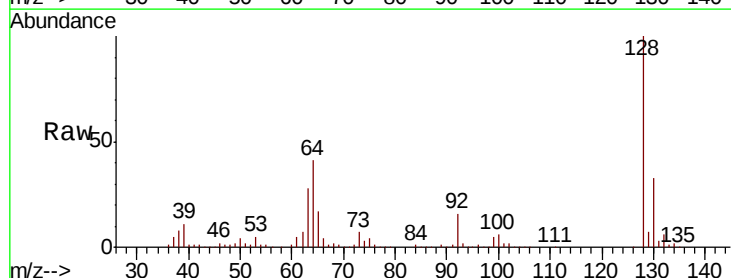
Tgt Ion:128 Resp: 331844

Ion Ratio Lower Upper

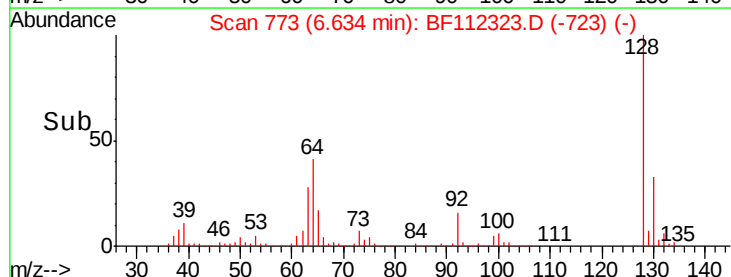
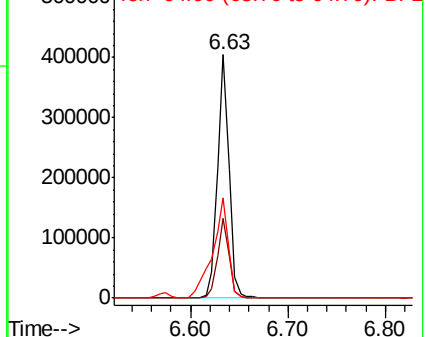
128 100

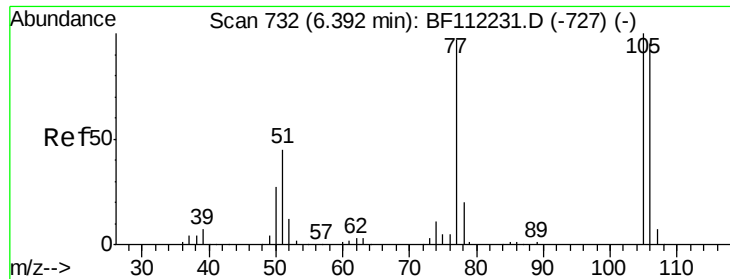
130 33.0 13.4 53.4

64 41.4 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





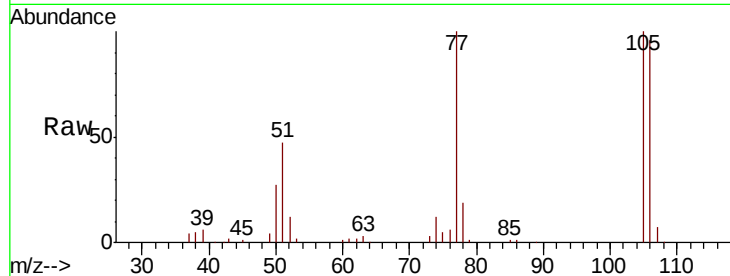
#9
Benzaldehyde
Concen: 16.022 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleID :
PB116683BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.3	80.8	120.8
106	96.7	75.7	115.7

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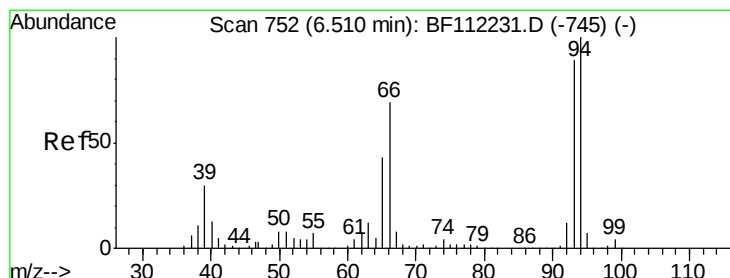
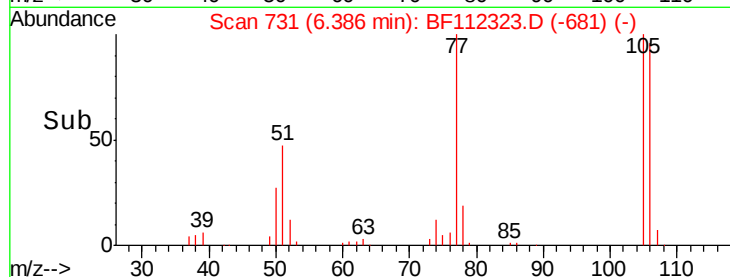
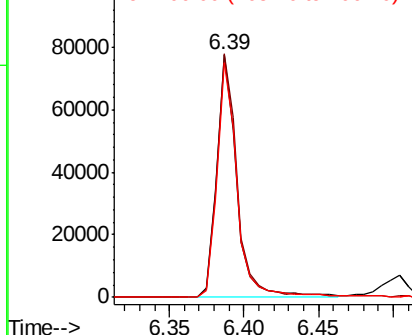


Abundance

Ion 77.00 (76.70 to 77.70): BF1

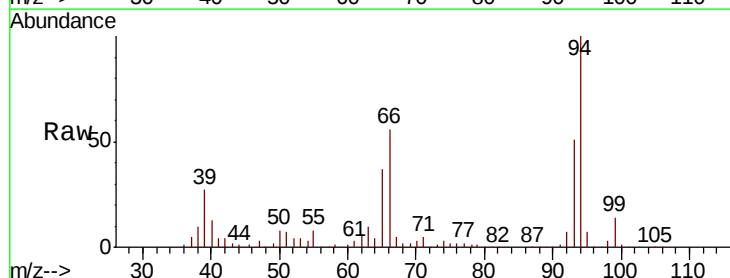
Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10
Phenol
Concen: 38.875 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.7	20.3	60.3
66	56.1	42.4	82.4

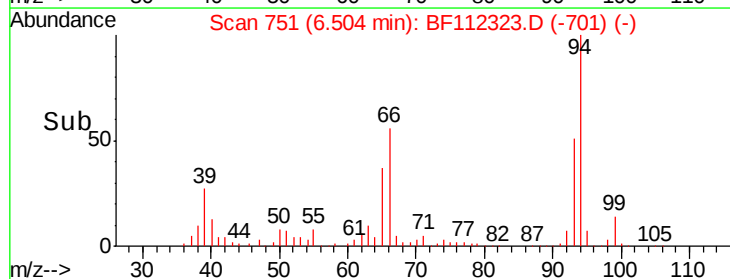
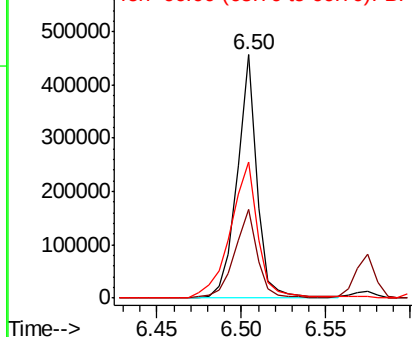


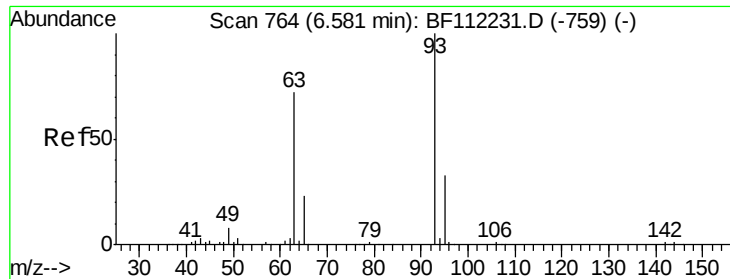
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.818 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

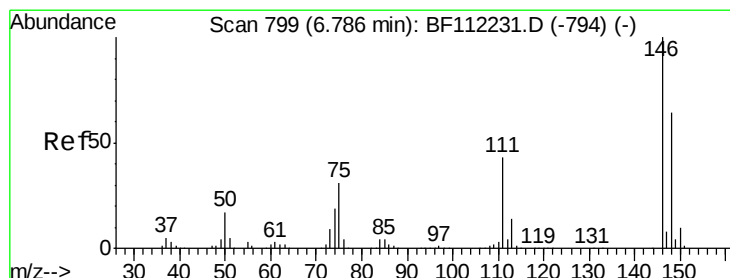
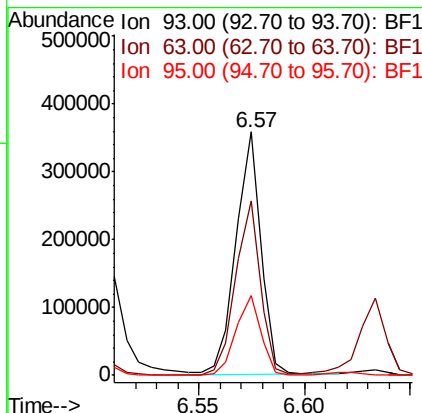
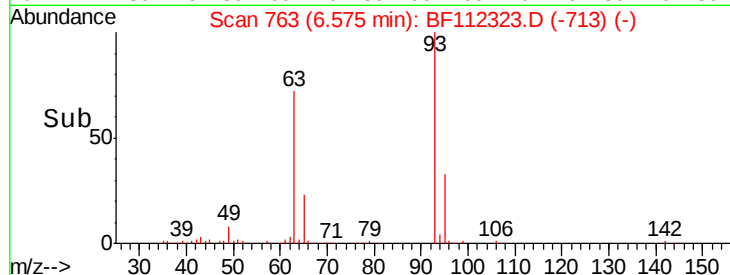
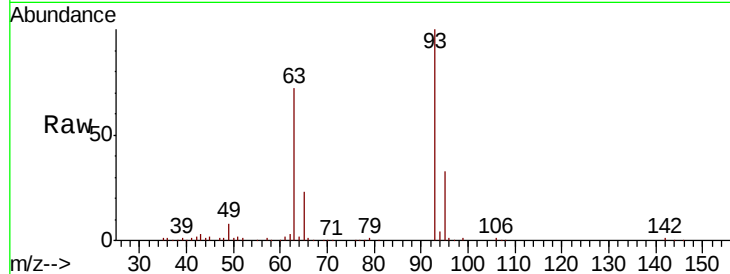
ClientSampleId :

PB116683BS

Tot Ion:	93	Resp:	291933
Ion	Ratio	Lower	Upper
93	100		
63	71.7	53.3	93.3
95	33.0	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 37.901 ng

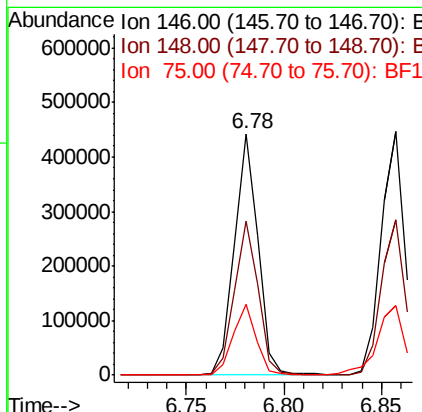
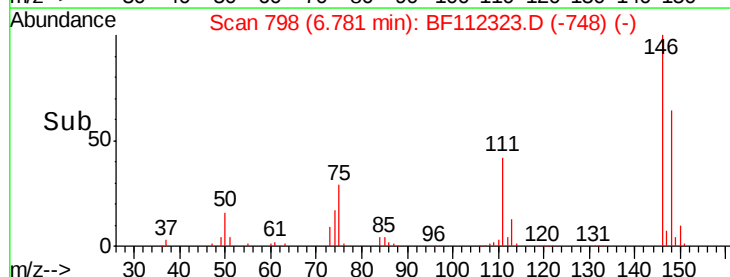
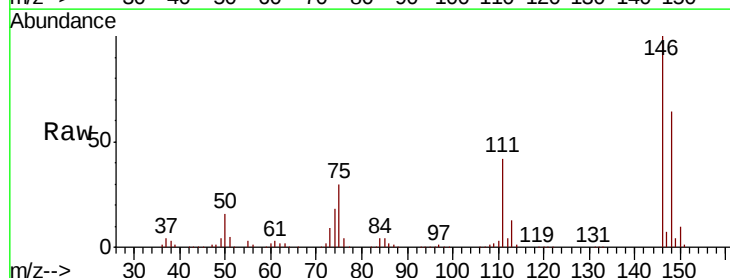
RT: 6.78 min Scan# 798

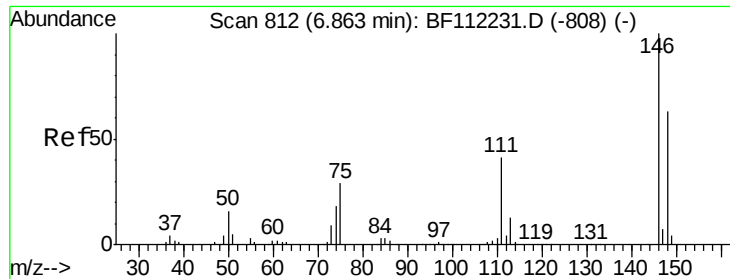
Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Tgt Ion:	146	Resp:	372066
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	29.5	23.1	34.7





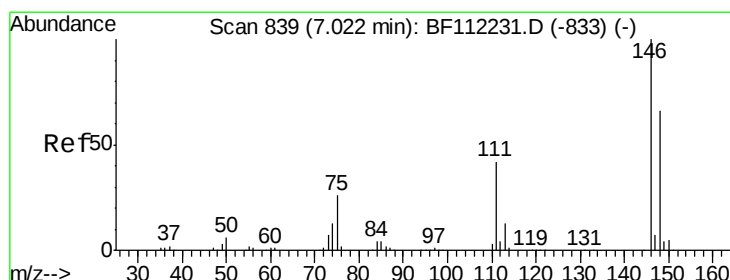
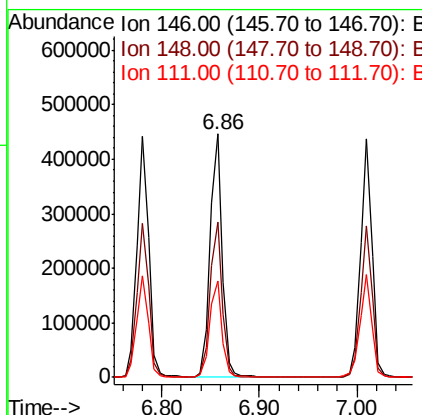
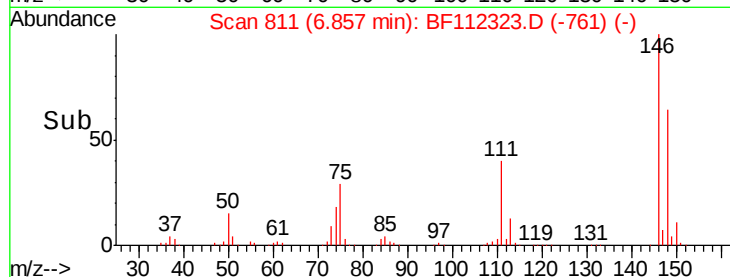
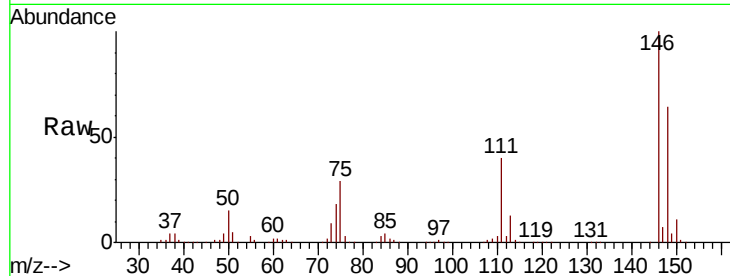
#13
 1,4-Dichlorobenzene
 Concen: 38.238 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	39.6	31.2	46.8

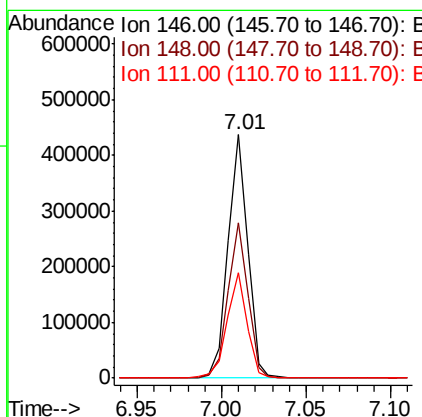
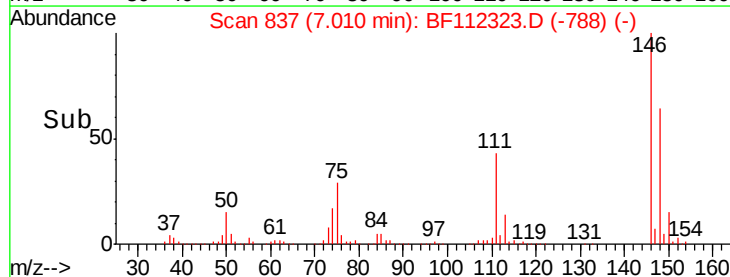
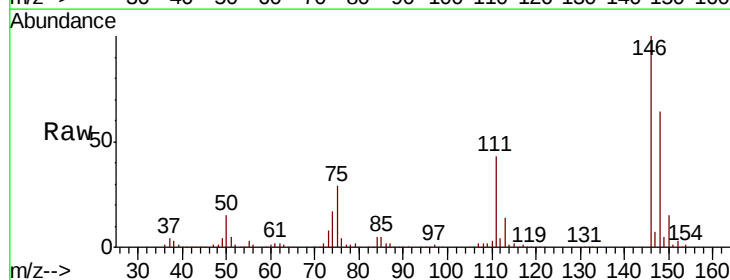
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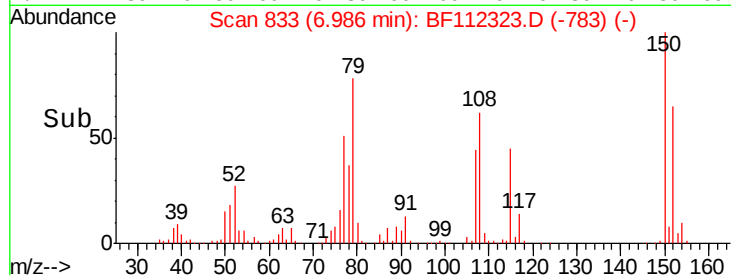
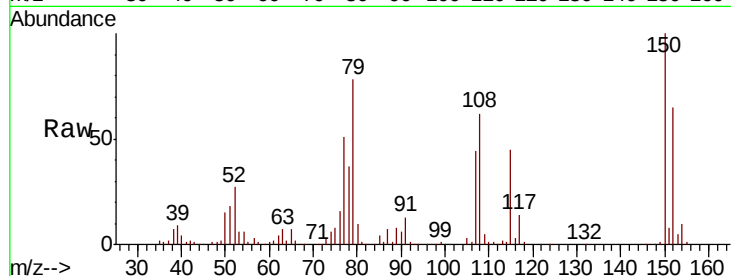
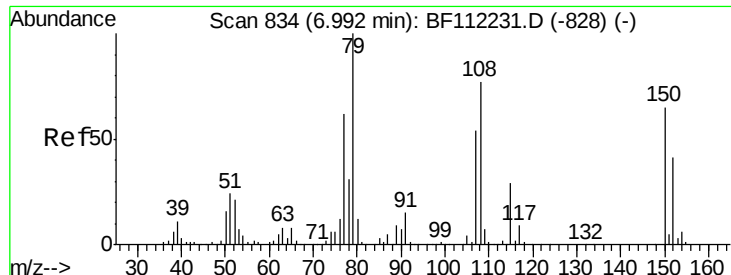
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#14
 1,2-Dichlorobenzene
 Concen: 37.466 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.4
111	43.0	31.2	46.8





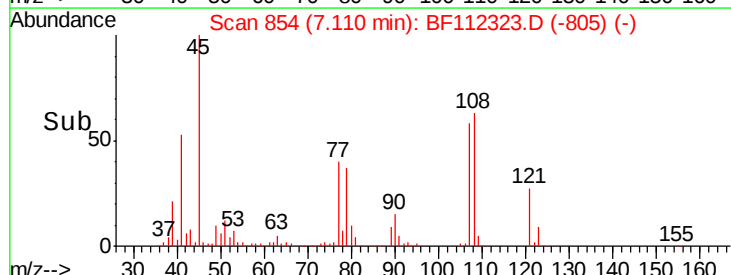
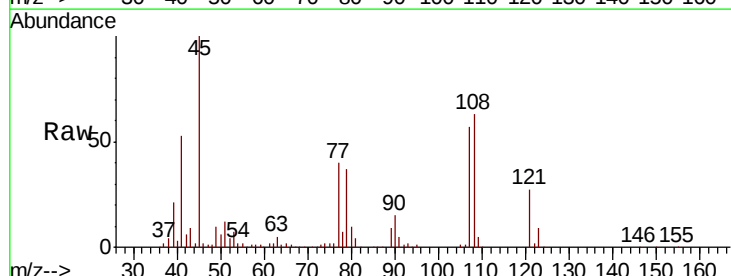
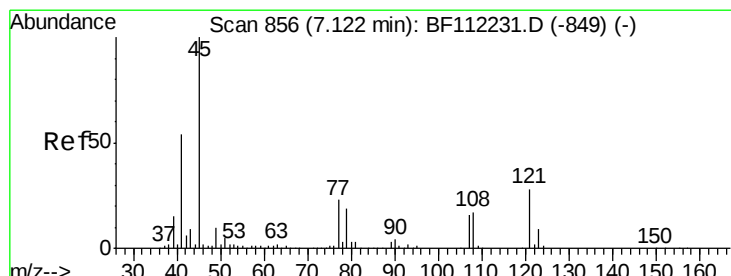
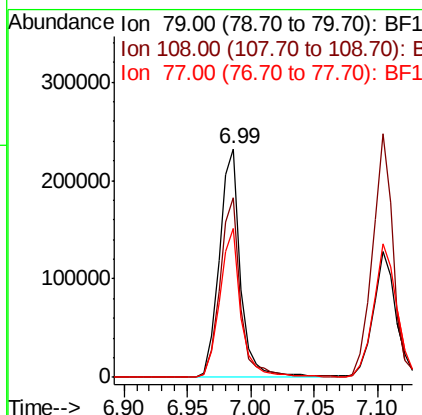
#15
Benzyl Alcohol
Concen: 36.930 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tot Ion	Ratio	Resp	Lower	Upper
79	100	271053		
108	78.7	64.2	96.2	
77	65.1	50.3	75.5	

Instrument :
BNA_F
ClientSampleId :
PB116683BS

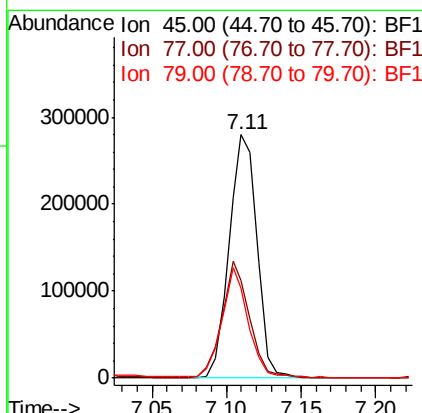
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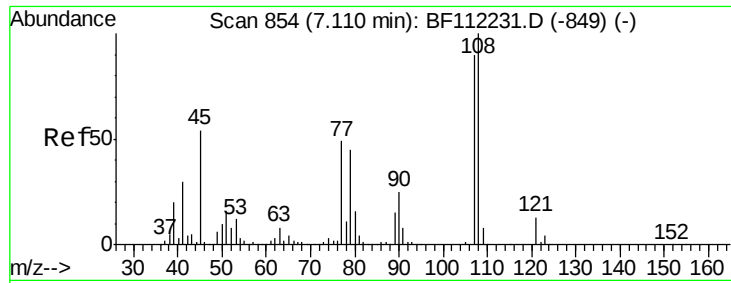
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.729 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	364310		
77	40.2	0.0	36.9#	
79	37.0	0.0	34.0#	





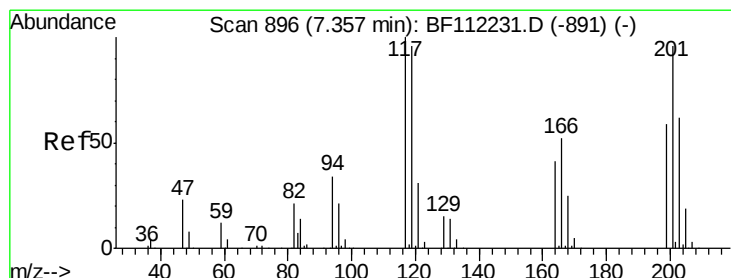
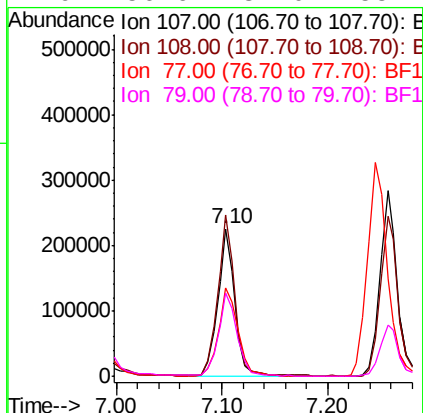
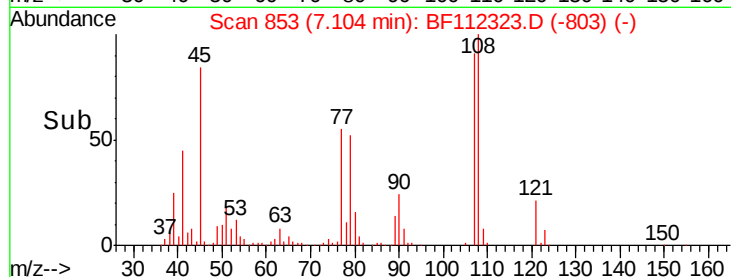
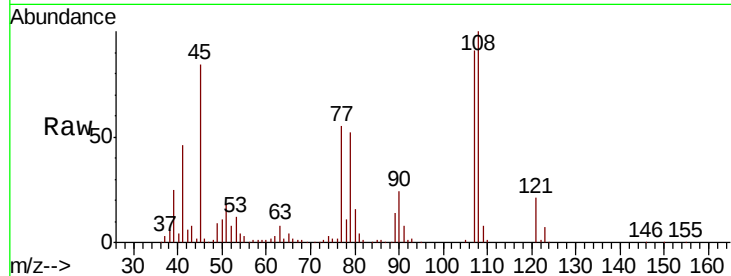
#17
2-Methylphenol
Concen: 37.771 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	91.3	136.9	
77	59.9	39.0	58.6	
79	56.6	37.0	55.4	

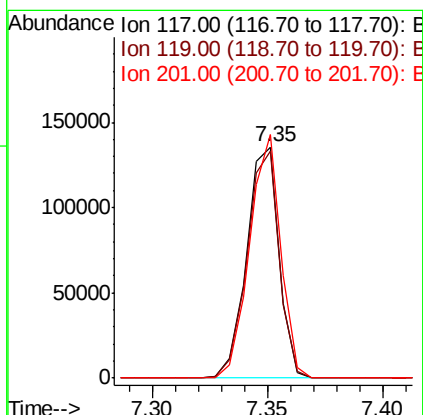
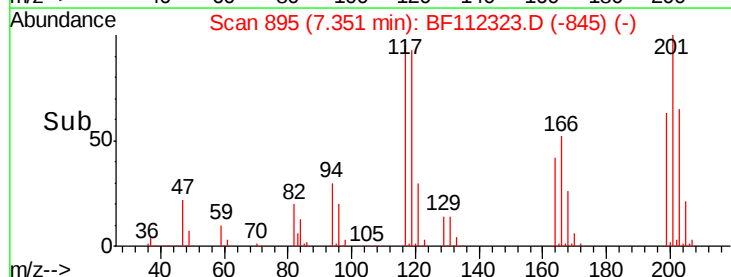
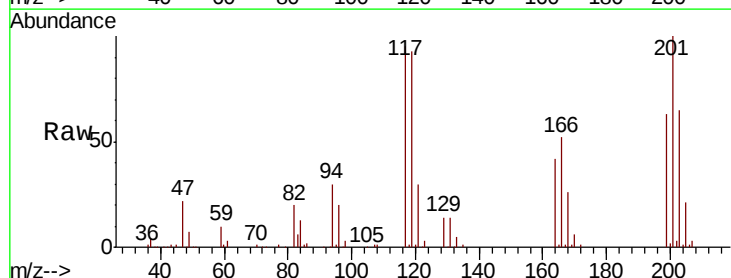
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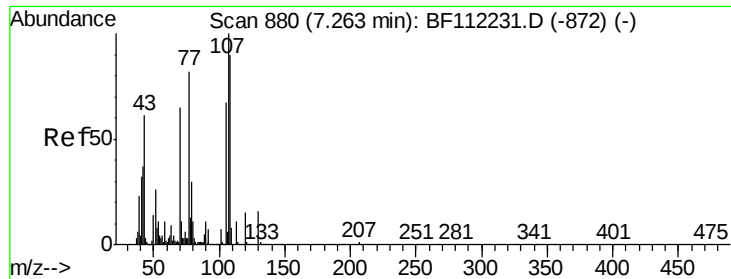
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#18
Hexachloroethane
Concen: 37.494 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	77.0	115.4	
201	105.3	74.1	111.1	





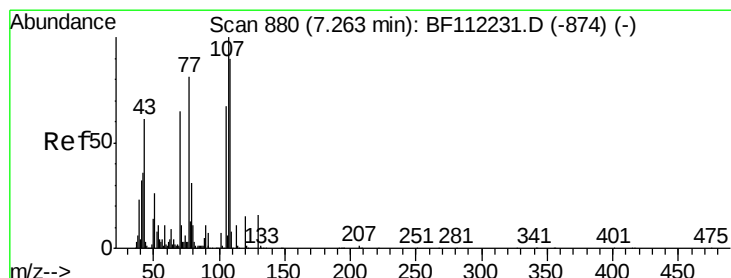
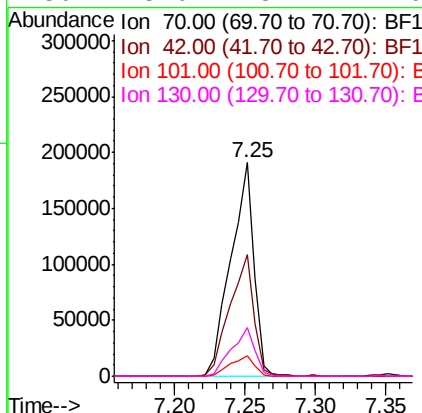
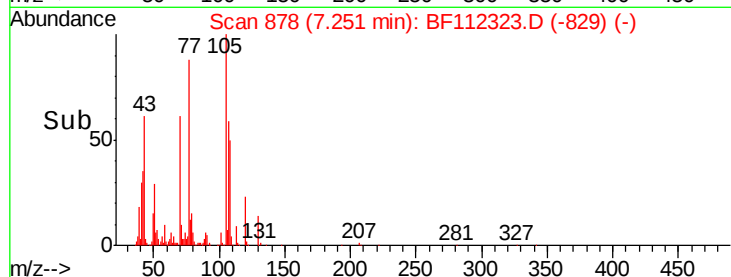
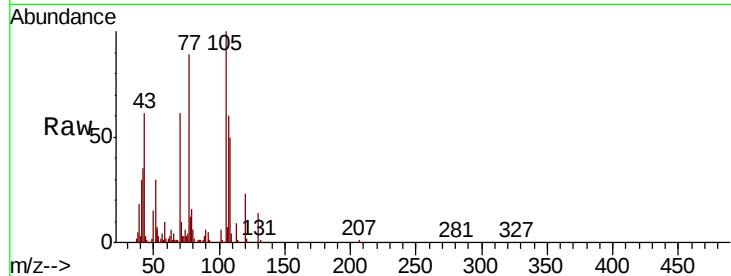
#19
n-Nitroso-di-n-propylamine
Concen: 36.443 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.9	47.6	71.4
101	9.9	7.9	11.9
130	23.0	18.4	27.6

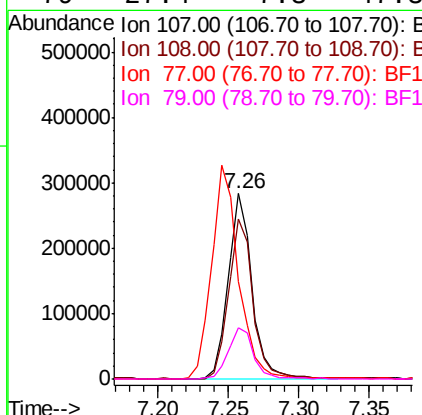
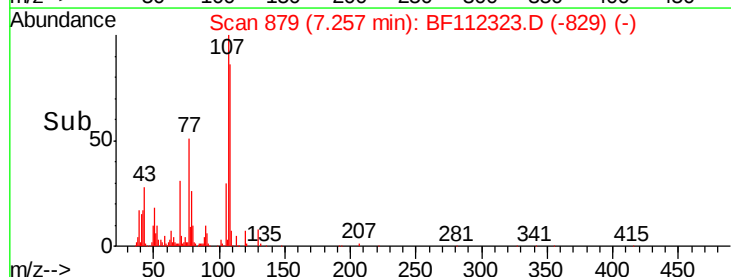
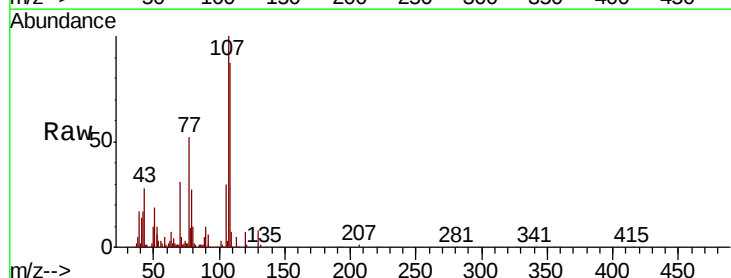
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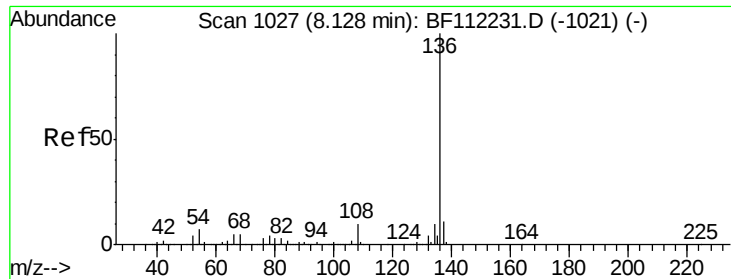
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#20
3+4-Methylphenols
Concen: 38.583 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.2	108.2
77	52.2	100.7	140.7#
79	27.4	7.3	47.3





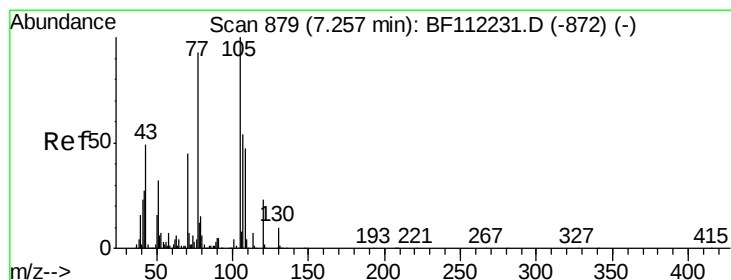
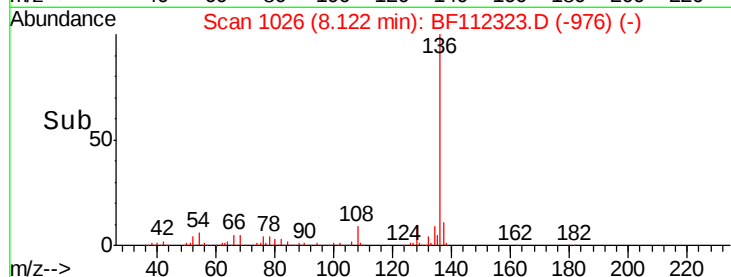
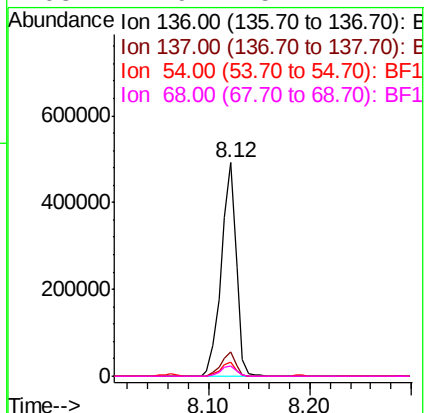
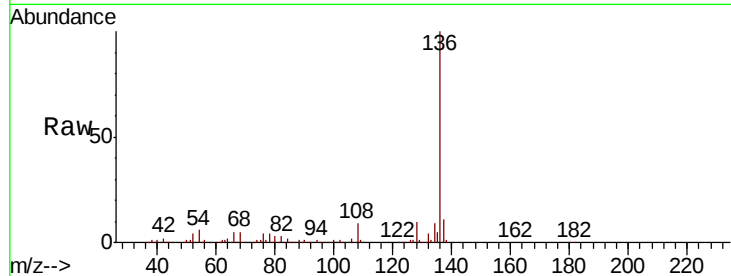
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	6.4	5.9	8.9	
68	4.9	5.1	7.7#	

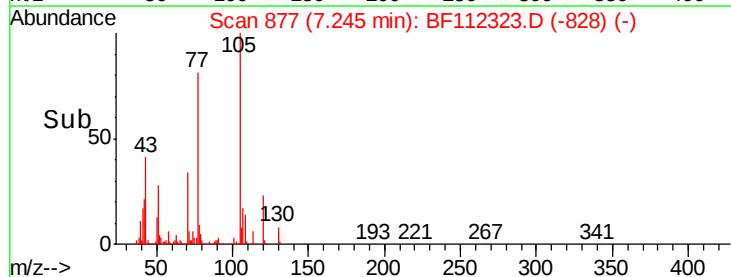
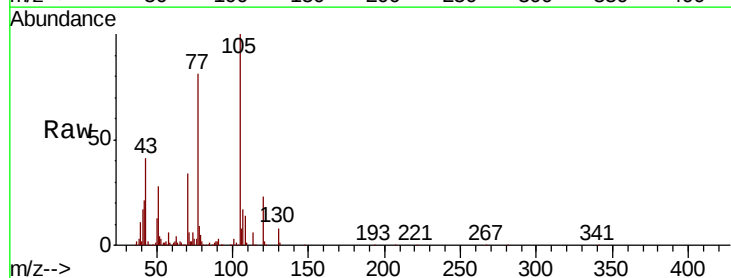
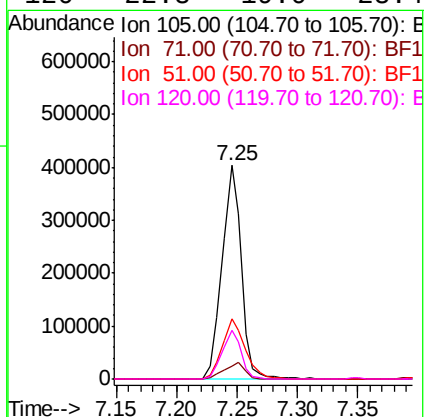
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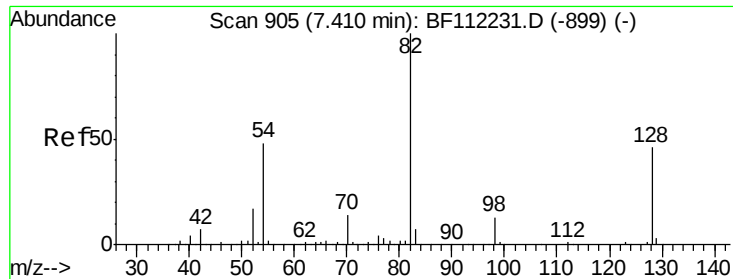
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#22
Acetophenone
Concen: 36.356 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.1	4.6	6.8	
51	27.9	25.0	37.6	
120	22.8	19.0	28.4	





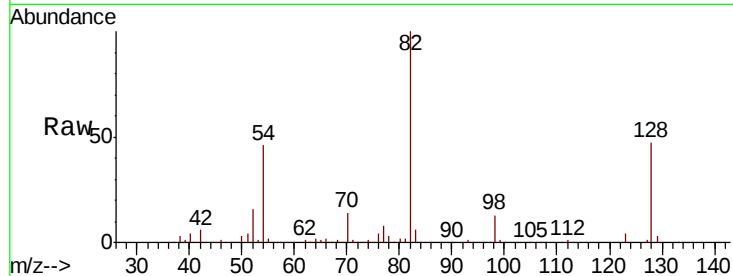
#23
Nitrobenzene-d5
Concen: 77.633 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

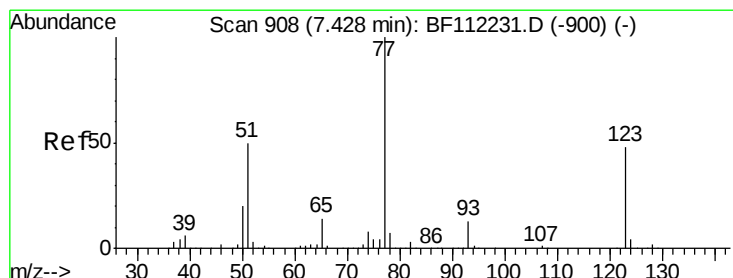
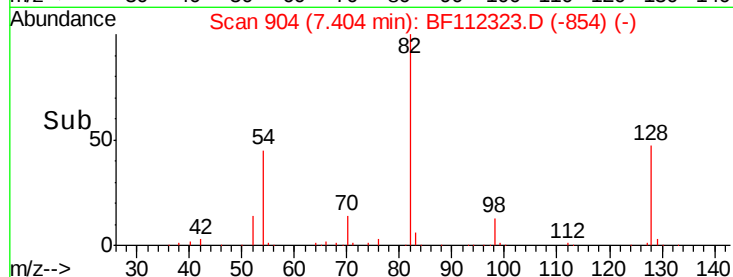
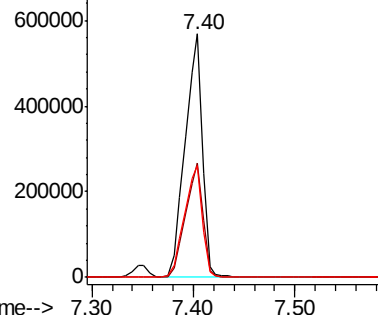
Tot Ion	82	Resp	677009
Ion Ratio	100	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	45.8	39.7	59.5

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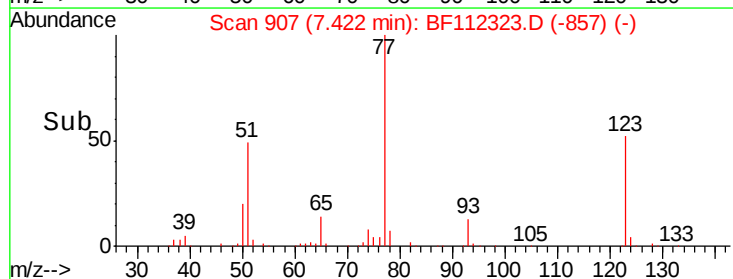
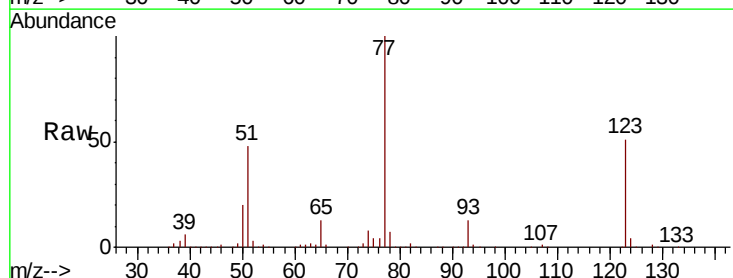
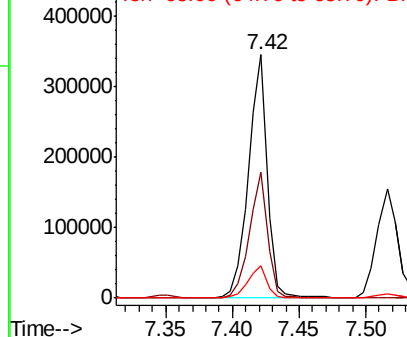
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

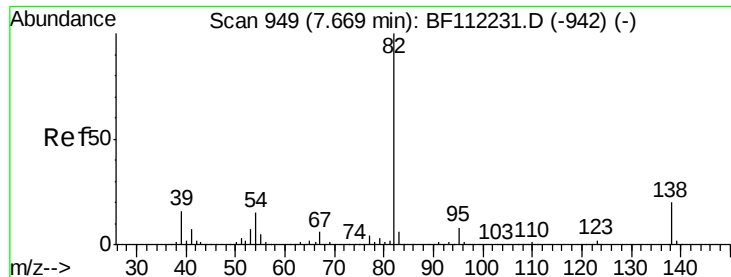


#24
Nitrobenzene
Concen: 38.154 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	77	Resp	332302
Ion Ratio	100	Lower	Upper
77	100		
123	51.5	38.4	57.6
65	13.4	10.6	15.8

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: 42.605 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

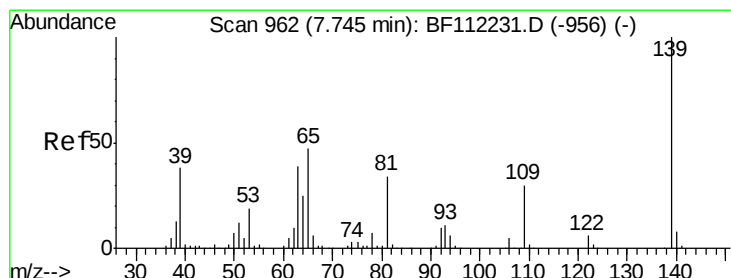
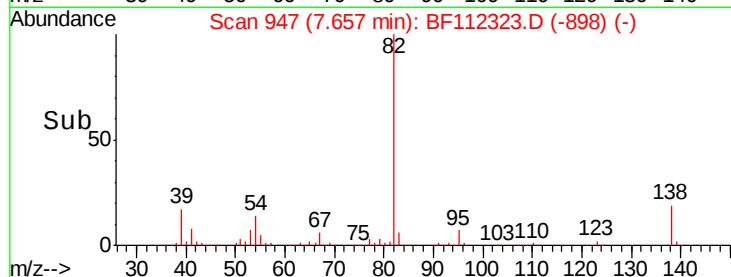
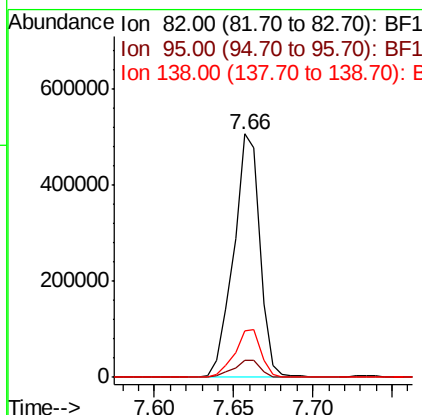
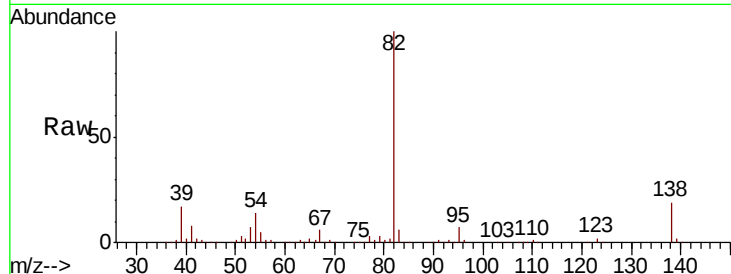
ClientSampleId :

PB116683BS

Tot Ion:	82	Resp:	582870
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	19.3	15.4	23.0

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#26

2-Nitrophenol

Concen: 38.978 ng

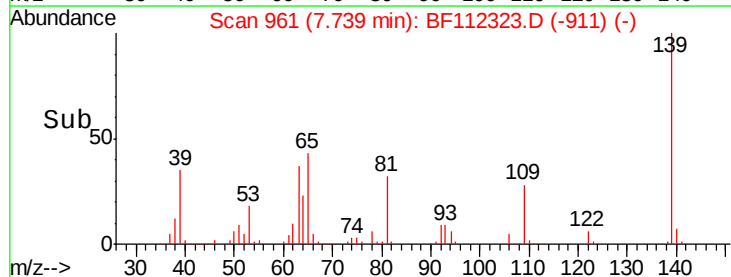
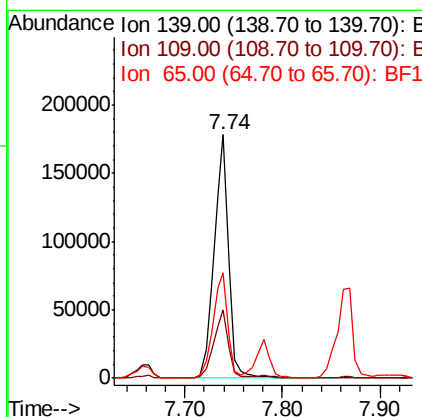
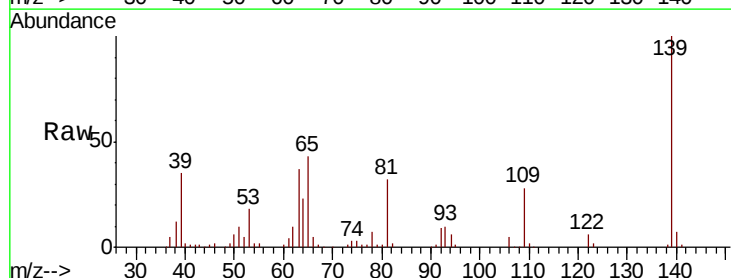
RT: 7.74 min Scan# 961

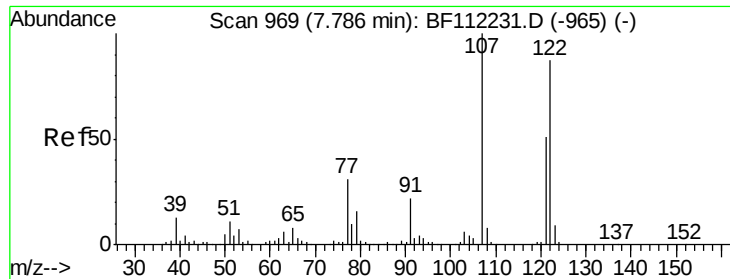
Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Tgt Ion:	139	Resp:	181419
Ion Ratio	Lower	Upper	
139	100		
109	27.9	20.8	31.2
65	43.3	34.4	51.6





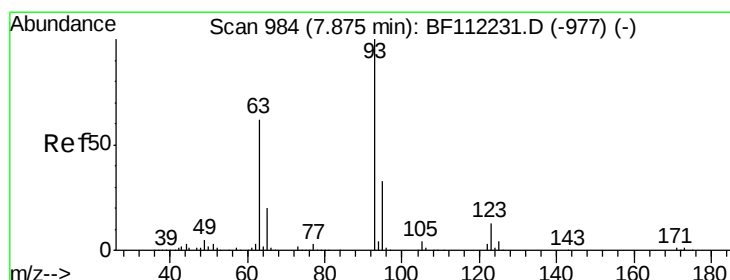
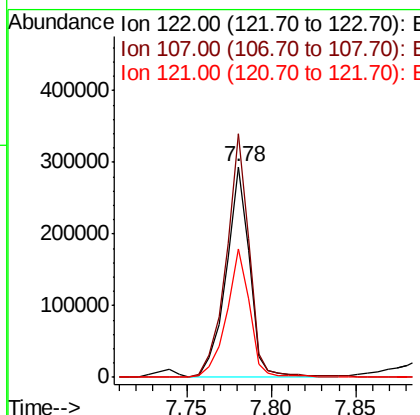
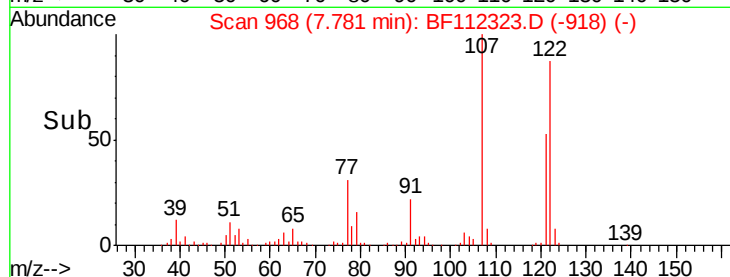
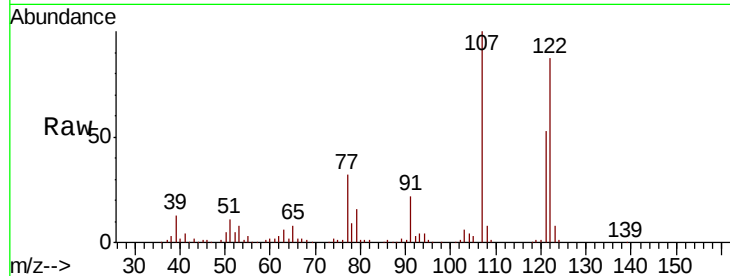
#27
2,4-Dimethylphenol
Concen: 43.766 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	280660		
107	115.5	85.4	128.0	
121	61.2	47.0	70.4	

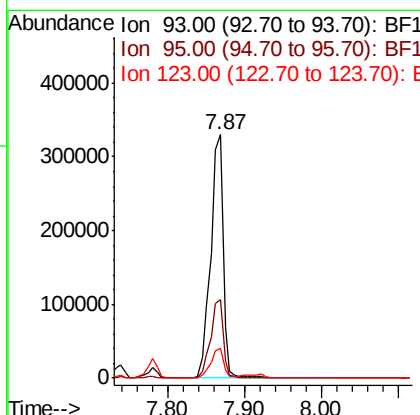
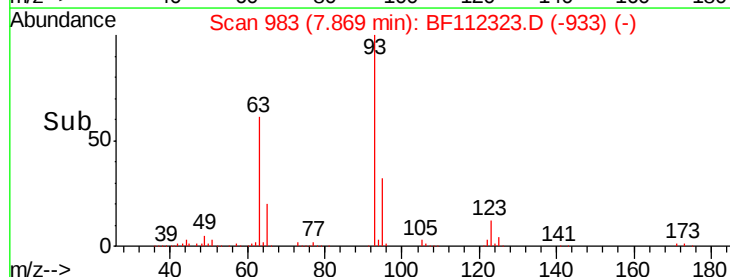
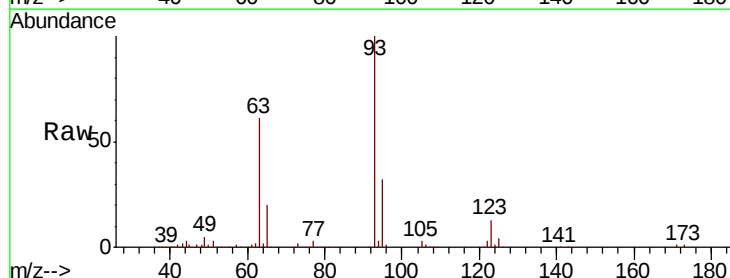
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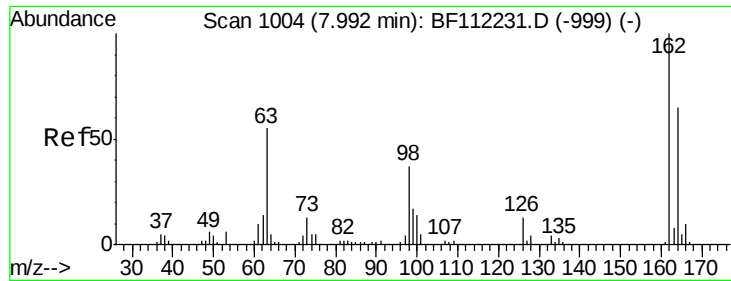
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.513 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	368081		
95	32.4	26.8	40.2	
123	12.5	10.2	15.2	





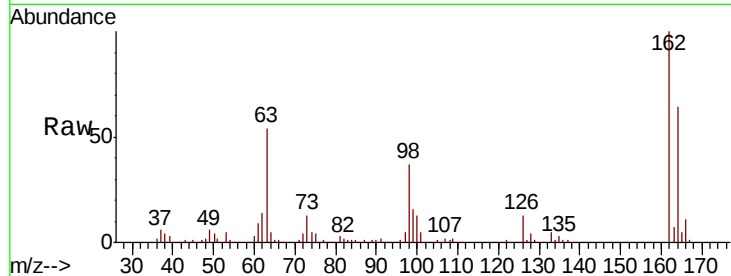
#29
2,4-Dichlorophenol
Concen: 39.404 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	282772		
164	64.4		44.6	84.6
98	37.2		14.6	54.6

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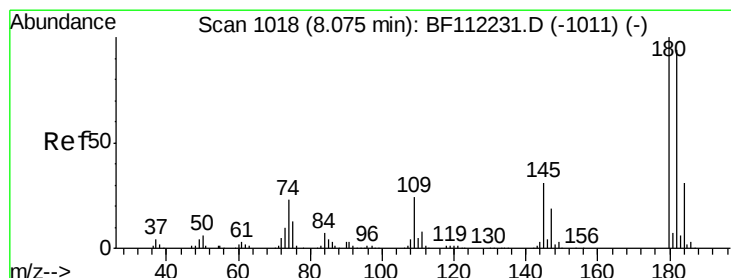
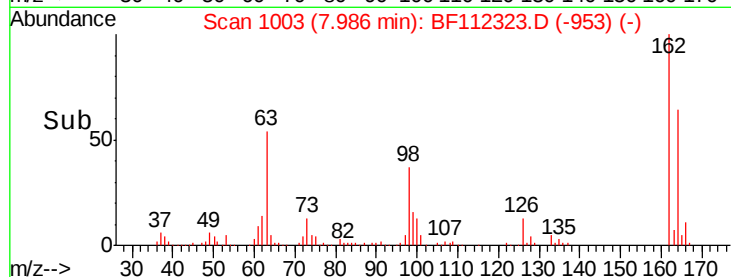
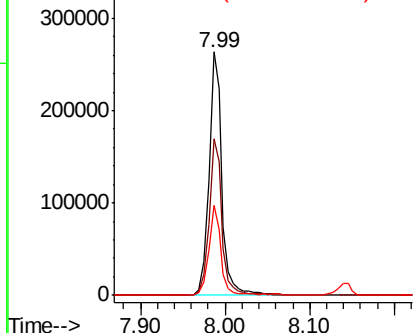


Abundance

Ion 162.00 (161.70 to 162.70): E

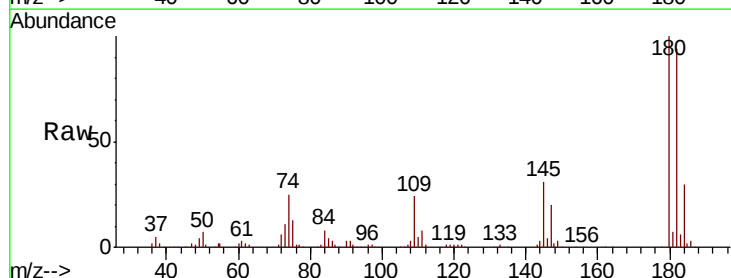
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.077 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	322346		
182	94.2		76.4	114.6
145	30.7		25.0	37.4

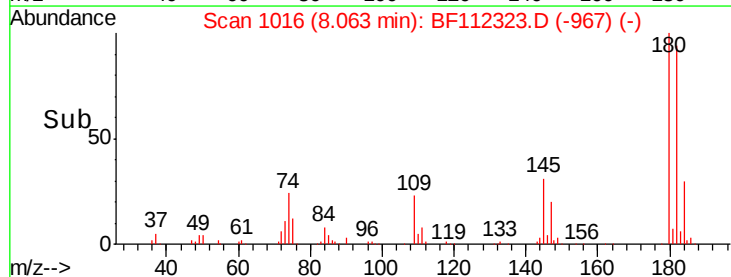
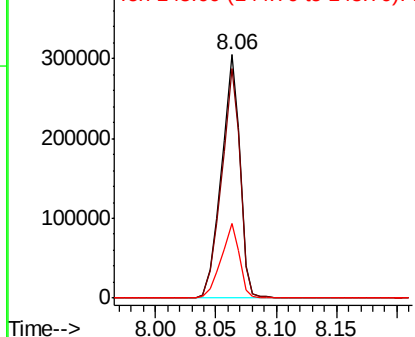


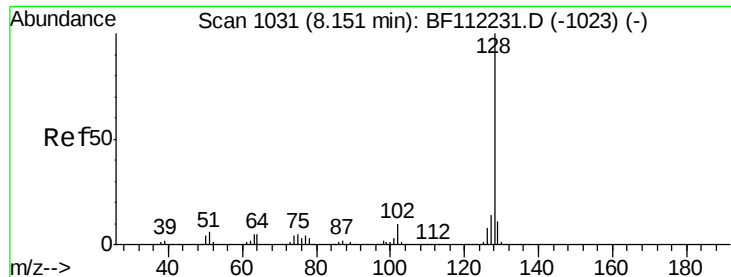
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





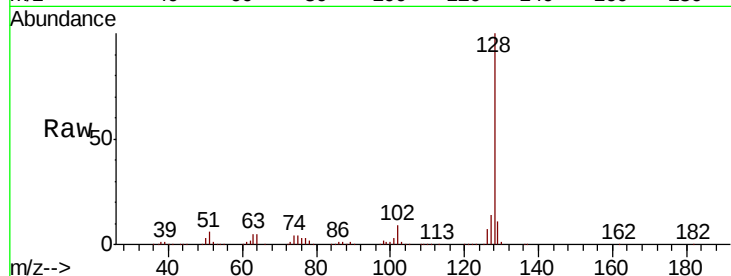
#31
Naphthalene
Concen: 41.019 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.6	14.4
127	13.5	11.1	16.7

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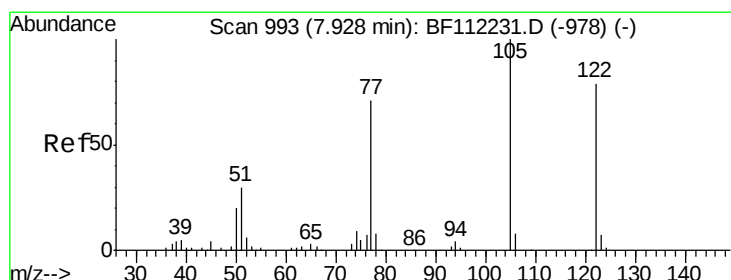
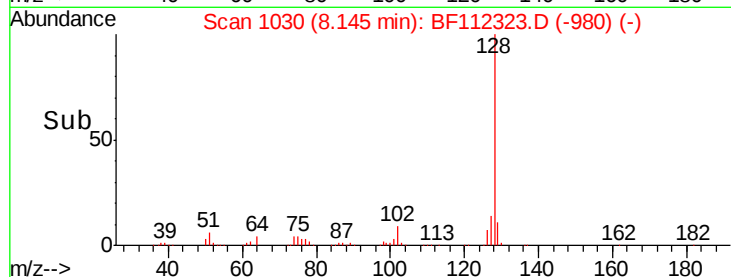
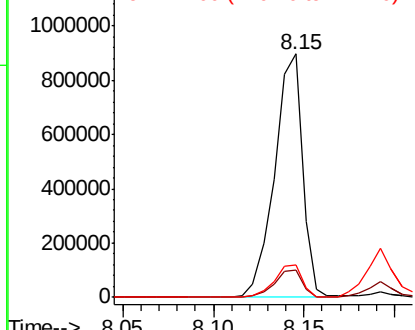


Abundance

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: 38.838 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

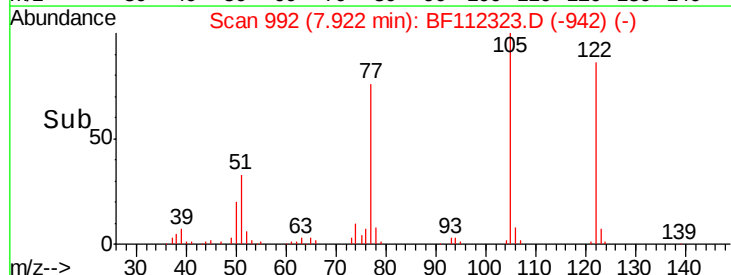
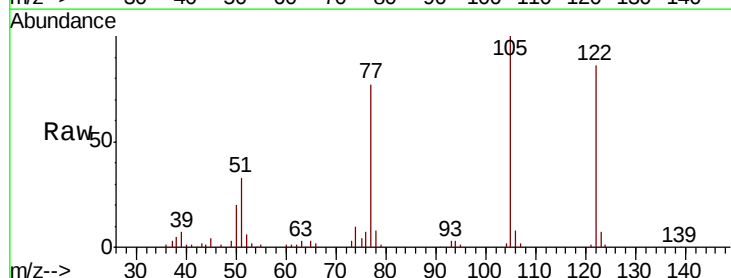
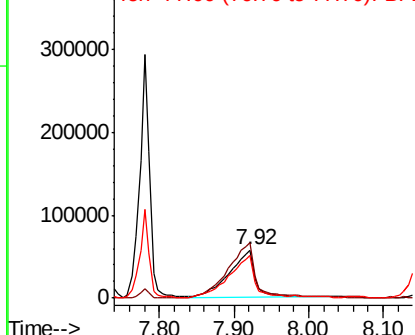
Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.1	101.2	141.2
77	89.5	70.4	110.4

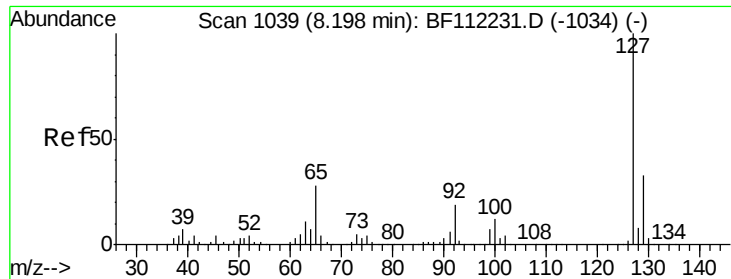
Abundance

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





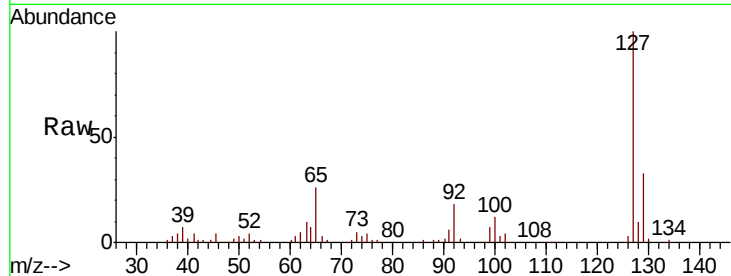
#33
4-Chloroaniline
Concen: 20.048 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.6	39.8		
65	26.0	21.4	32.2		
92	18.0	14.2	21.2		

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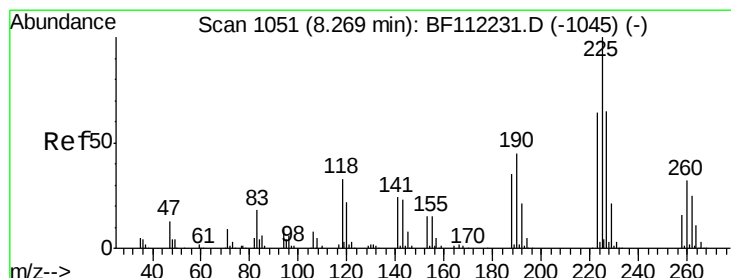
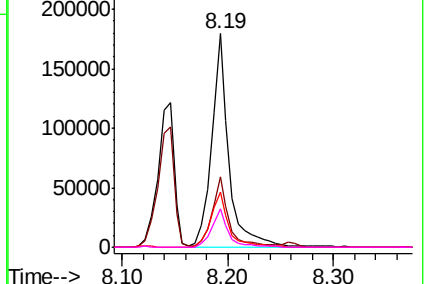
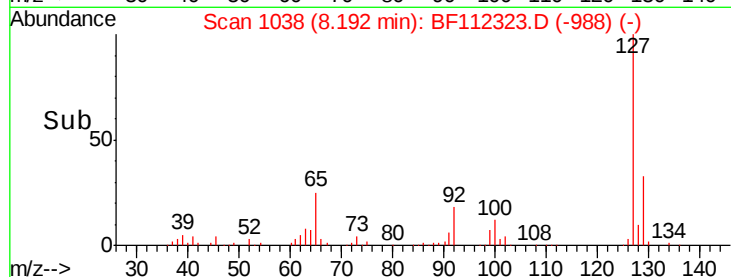
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

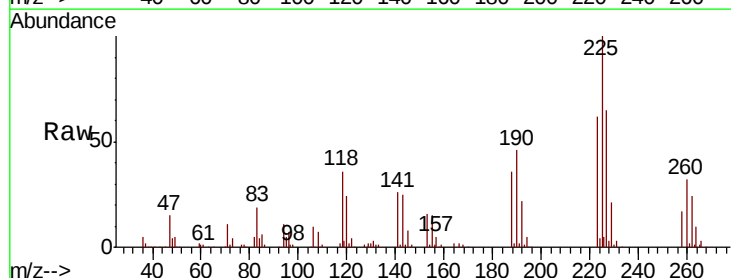
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 36.341 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	50.3	75.5		
227	65.2	51.8	77.8		

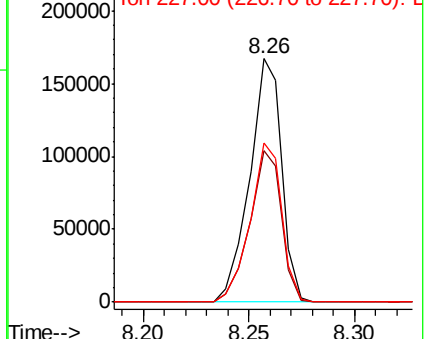
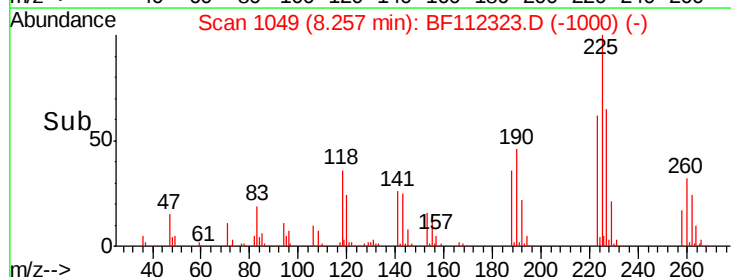


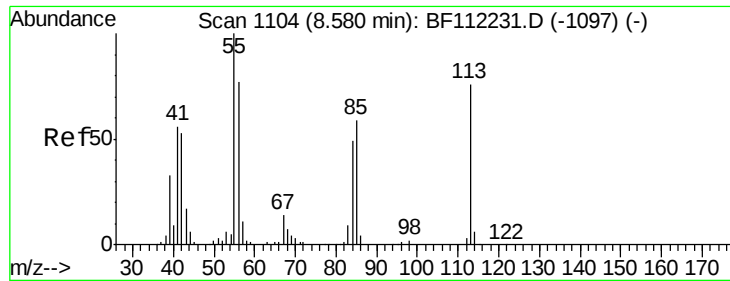
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.098 ng/mL

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

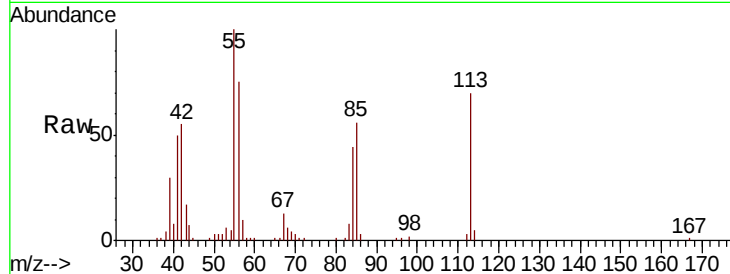
ClientSampleID :

PB116683BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	141.9	121.6	161.6
56	105.8	86.7	126.7

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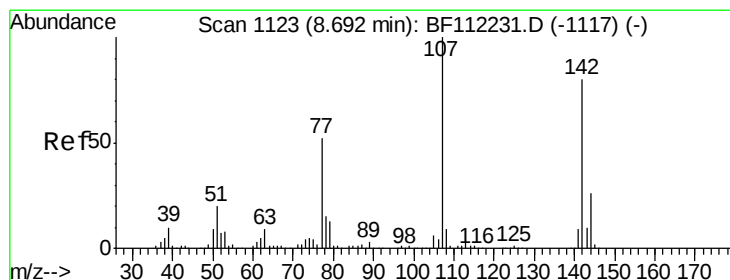
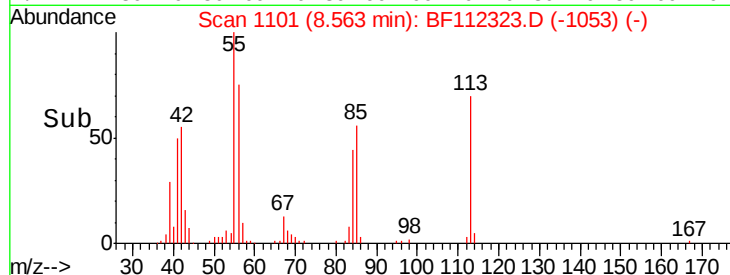
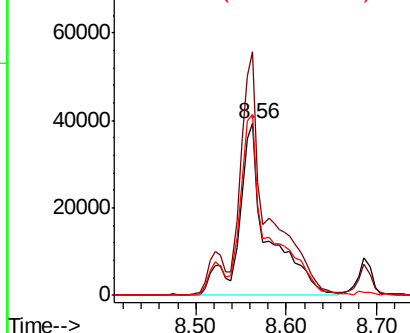
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.361 ng/mL

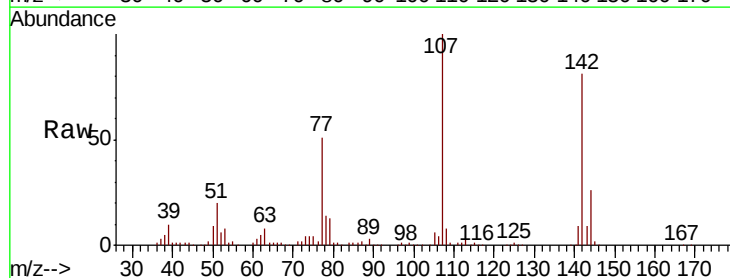
RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

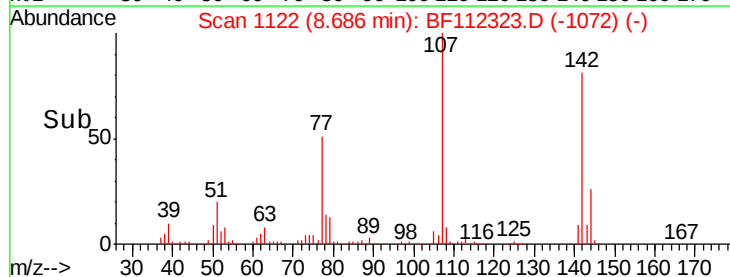
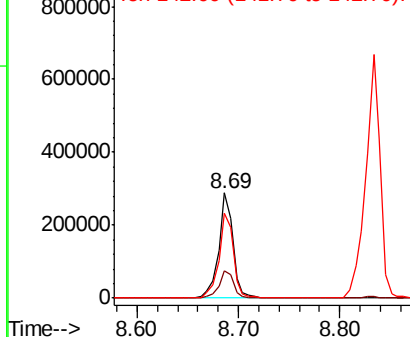
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	22.2	33.2
142	81.2	67.7	101.5

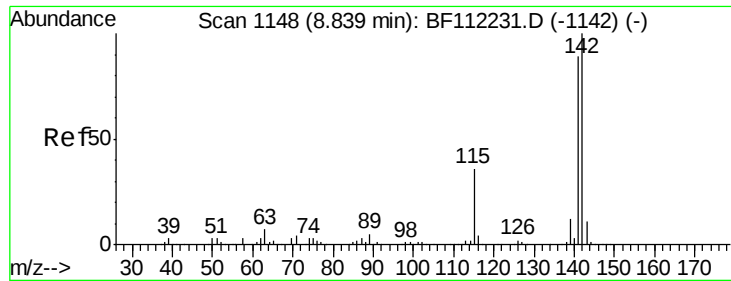


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





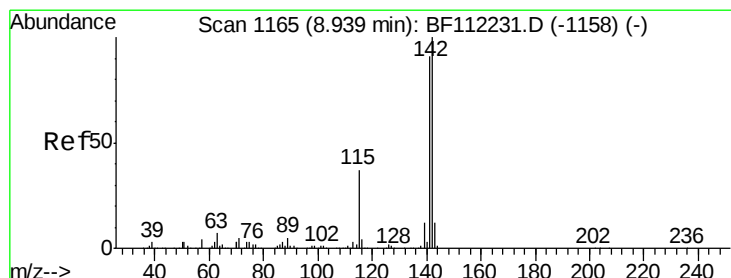
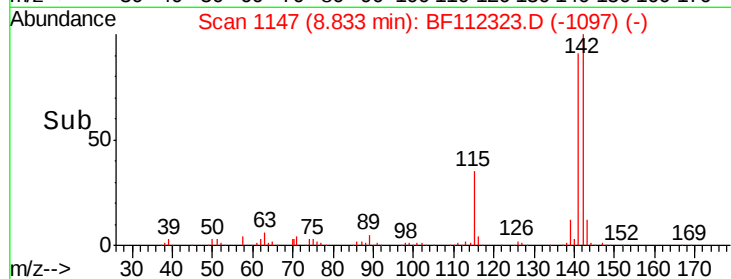
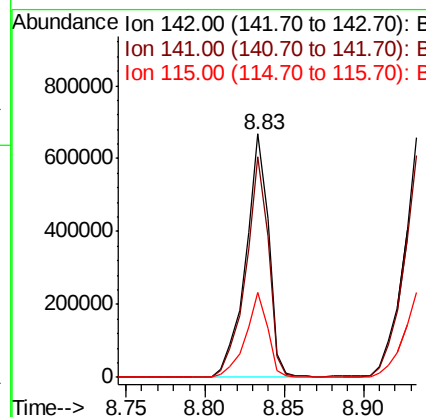
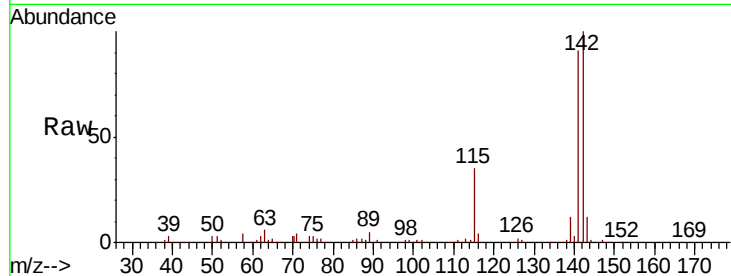
#37
2-Methylnaphthalene
Concen: 41.335 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.9	106.3
115	35.1	24.9	37.3

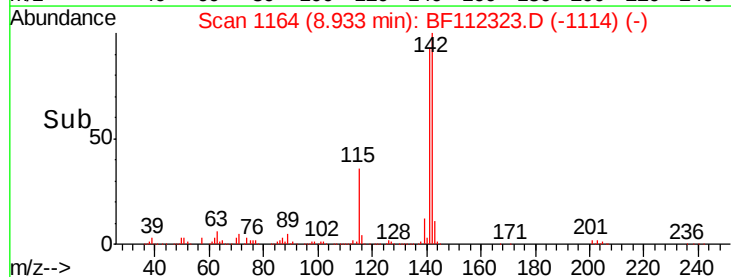
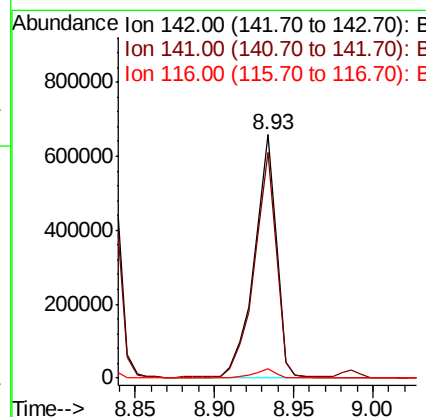
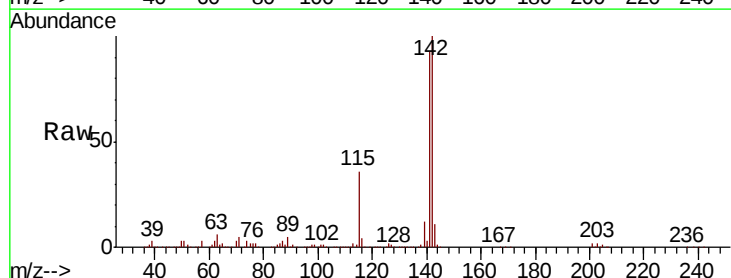
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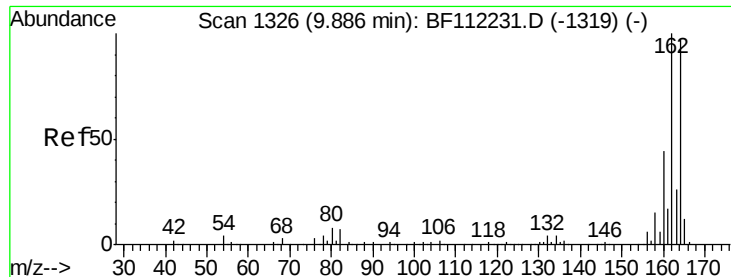
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#38
1-Methylnaphthalene
Concen: 41.023 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.6	108.8
116	3.9	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

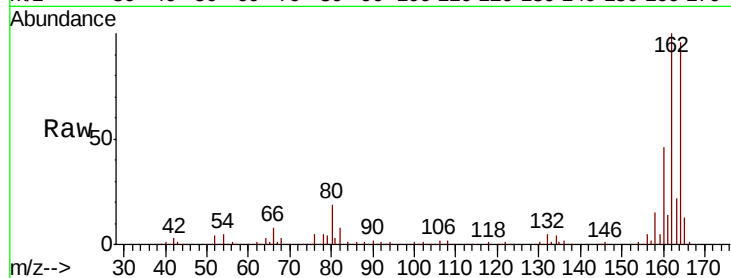
ClientSampleId :

PB116683BS

Tot Ion:	164	Resp:	243816
Ion Ratio	Lower	Upper	
164	100		
162	103.6	82.2	123.4
160	47.3	36.2	54.4

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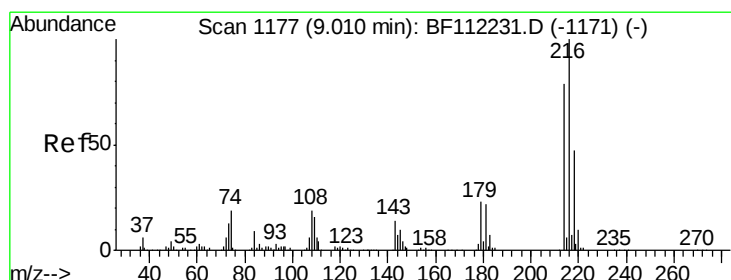
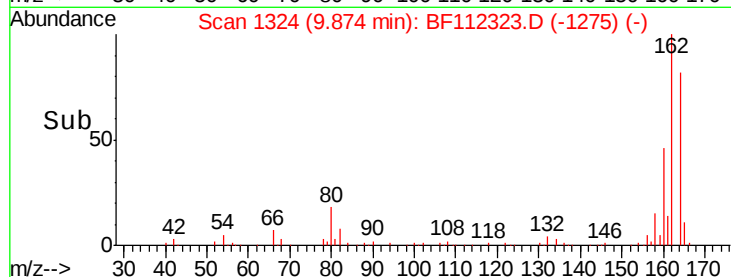
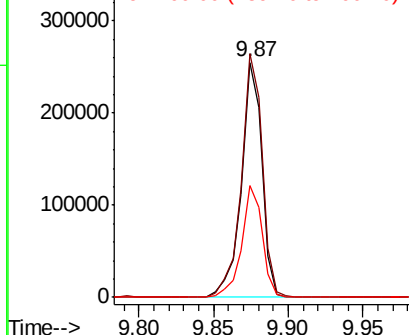


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.561 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Tgt Ion:	216	Resp:	308695
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.8	95.6
179	21.8	16.9	25.3
108	18.4	14.2	21.4

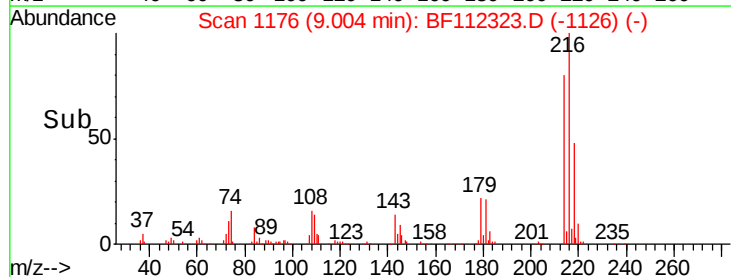
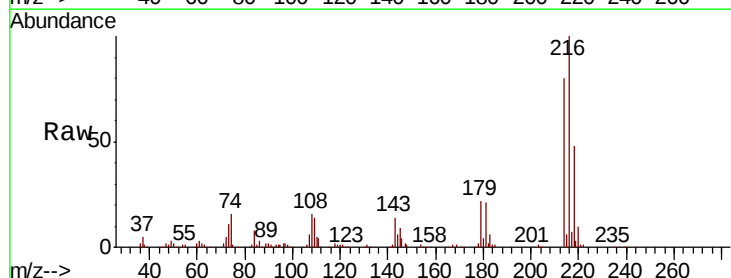
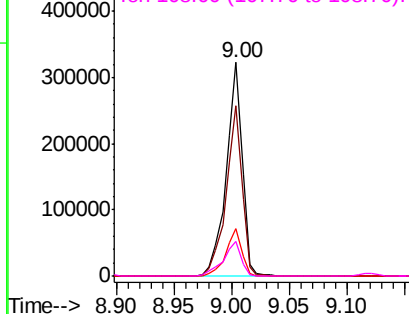
Abundance

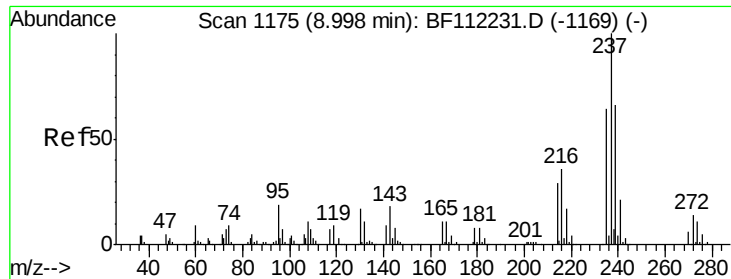
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 49.604 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

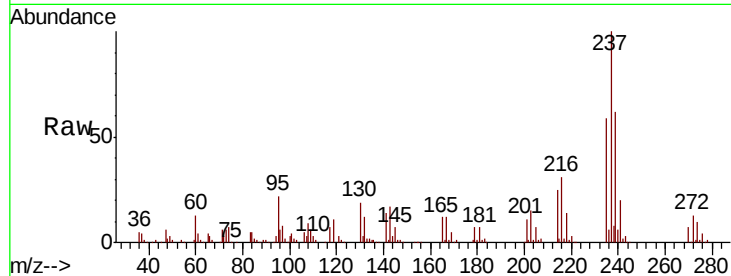
ClientSampleId :

PB116683BS

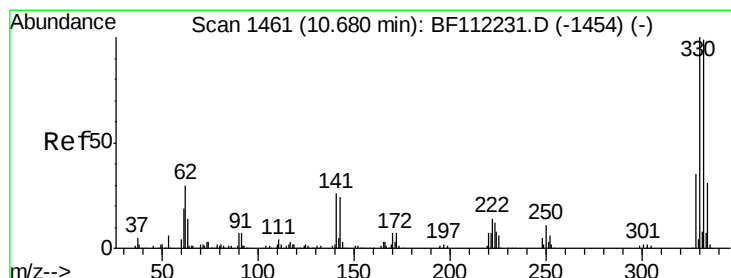
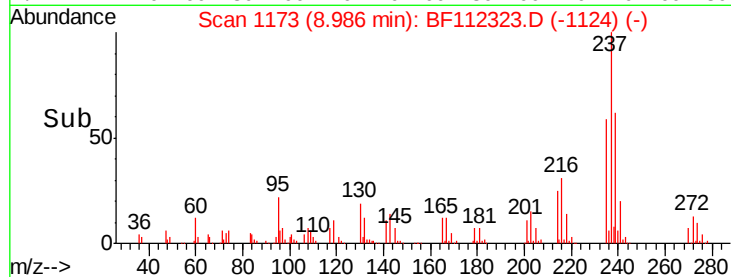
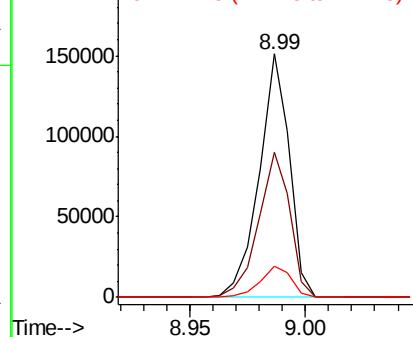
Tot Ion:	237	Resp:	138062
Ion Ratio	Lower	Upper	
237	100		
235	59.3	44.0	84.0
272	13.1	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 126.275 ng

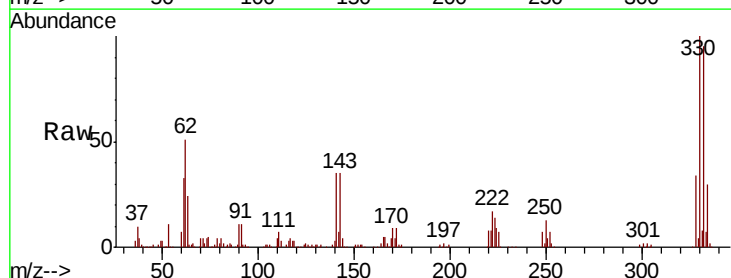
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

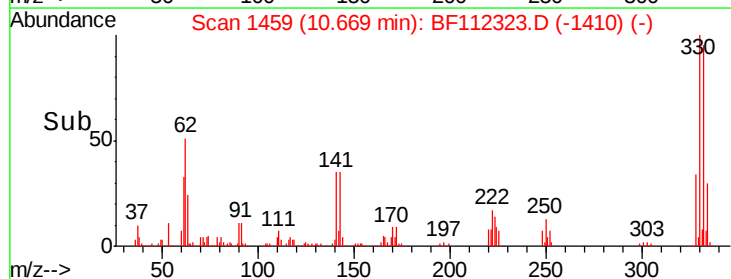
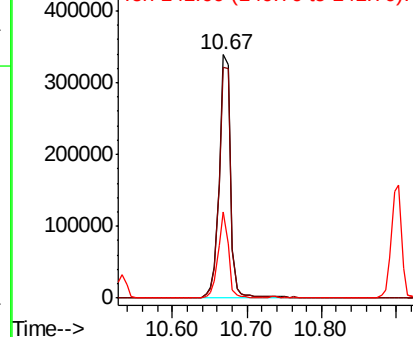
Lab File: BF112323.D

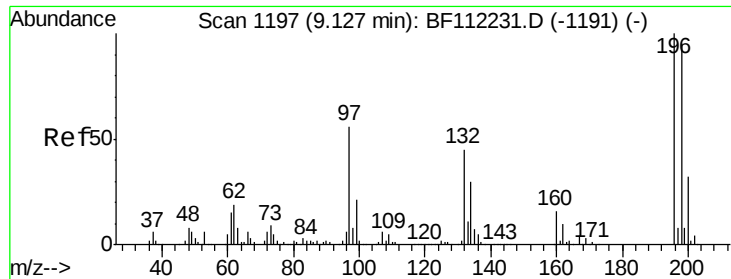
Acq: 30 Jan 2019 15:55

Tgt Ion:	330	Resp:	358361
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.6	114.8
141	32.0	24.3	36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





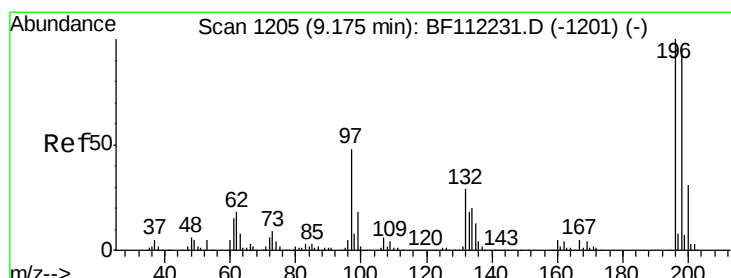
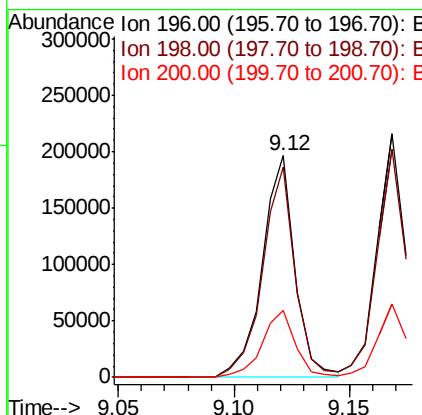
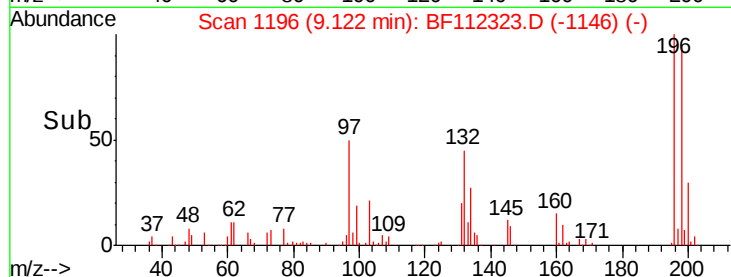
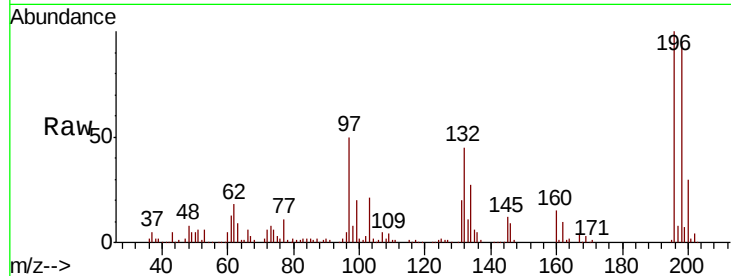
#43
 2,4,6-Trichlorophenol
 Concen: 39.221 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	193540		
198	94.8	76.2	114.4	
200	30.4	24.3	36.5	

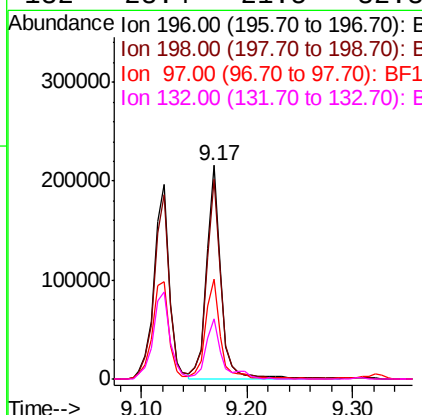
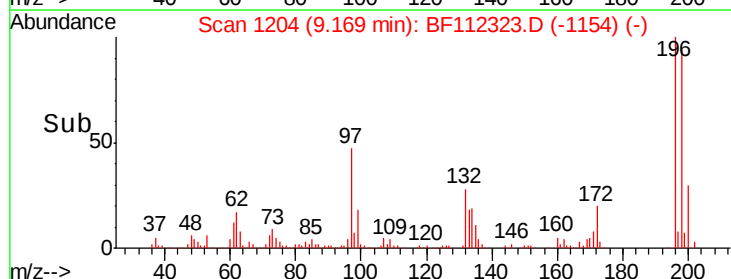
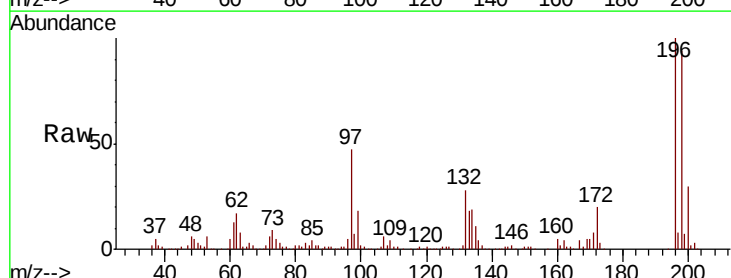
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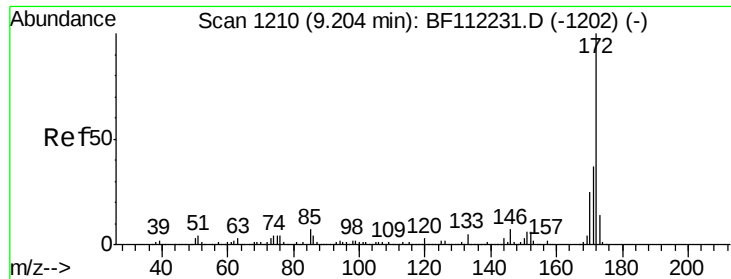
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#44
 2,4,5-Trichlorophenol
 Concen: 38.945 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	200848		
198	93.6	76.0	114.0	
97	46.8	36.4	54.6	
132	28.4	21.5	32.3	





#45

2-Fluorobiphenyl

Concen: 79.546 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

Tot Ion:172 Resp: 1371288

Ion Ratio Lower Upper

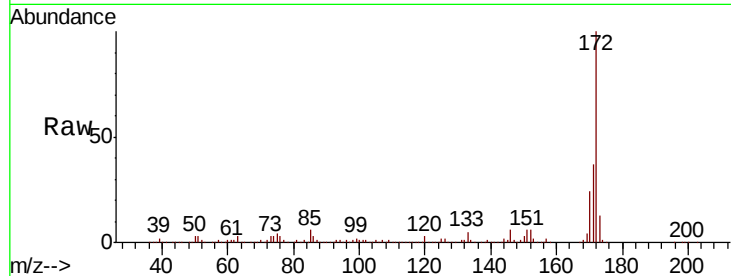
172 100

171 36.5 30.5 45.7

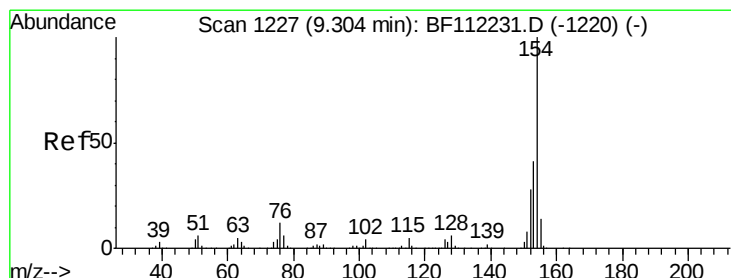
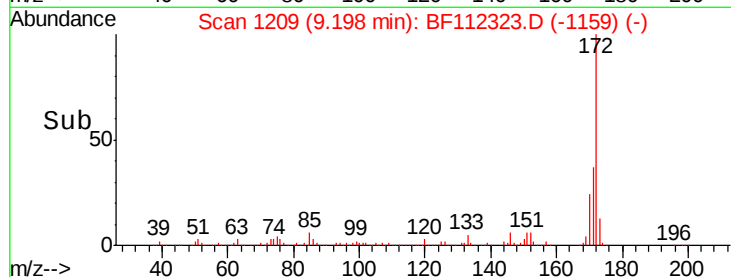
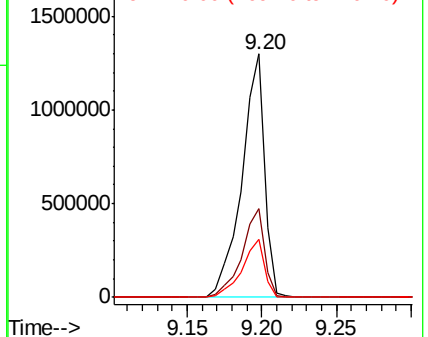
170 24.0 20.2 30.4

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



#46

1,1'-Biphenyl

Concen: 38.177 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

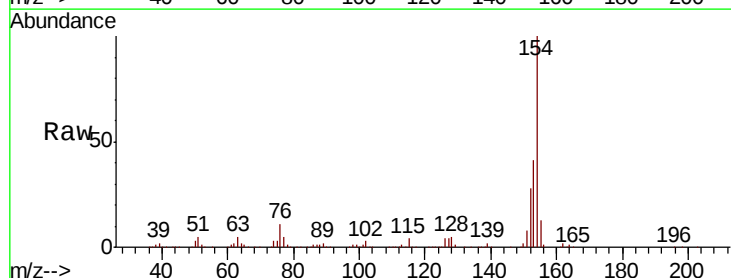
Tgt Ion:154 Resp: 813759

Ion Ratio Lower Upper

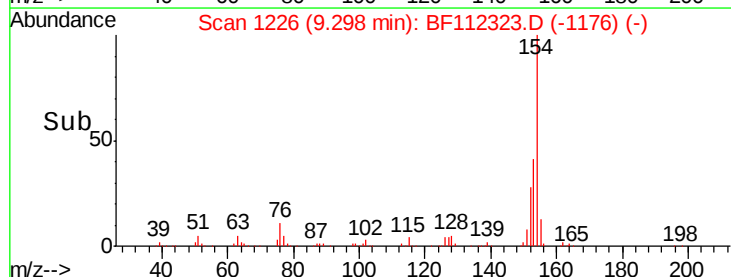
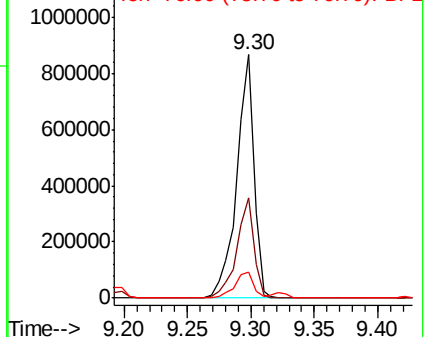
154 100

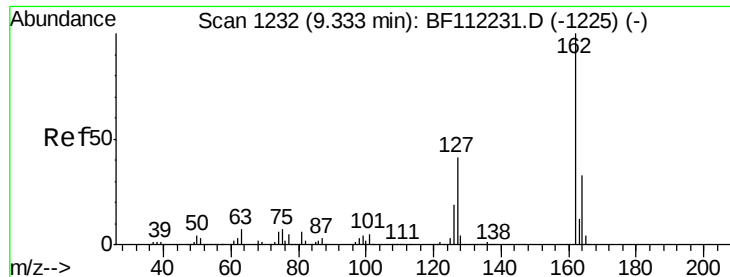
153 41.1 21.5 61.5

76 10.8 0.0 33.1



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





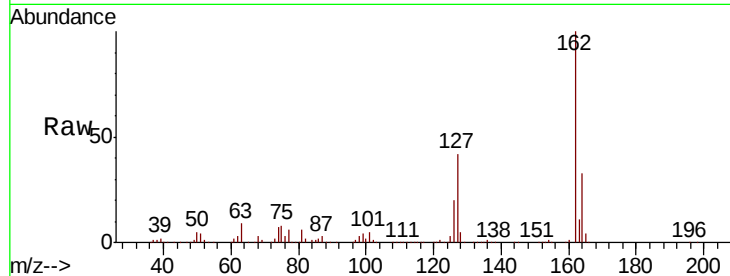
#47
2-Chloronaphthalene
Concen: 37.839 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	625460		
127	42.3	30.4	45.6	
164	33.3	27.4	41.2	

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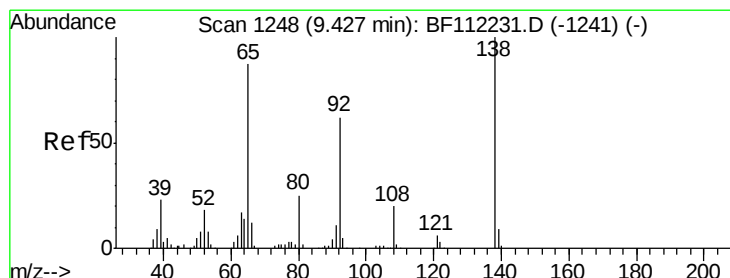
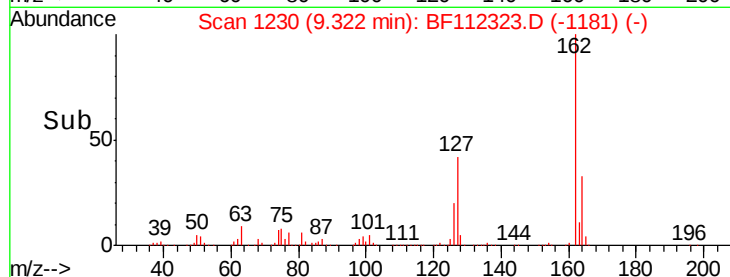
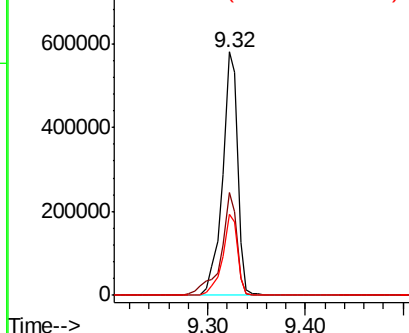


Abundance

Ion 162.00 (161.70 to 162.70): E

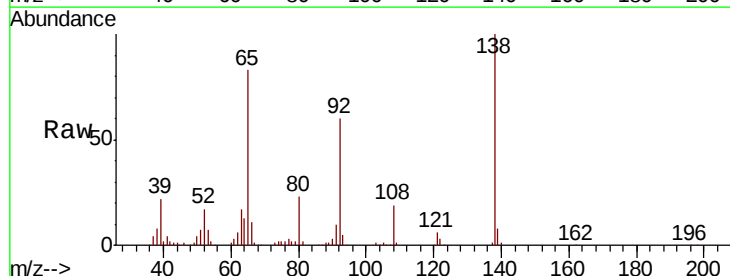
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 37.947 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	170960		
92	71.7	60.4	90.6	
138	119.9	104.4	156.6	

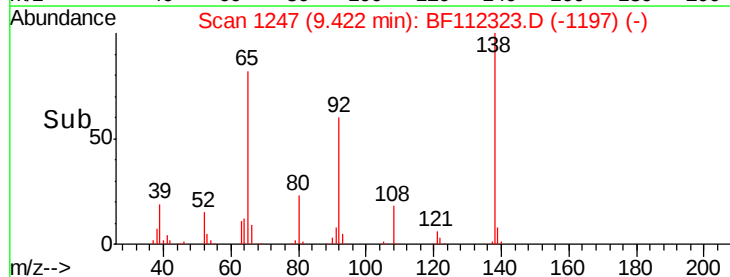
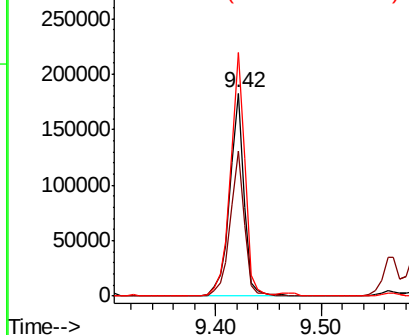


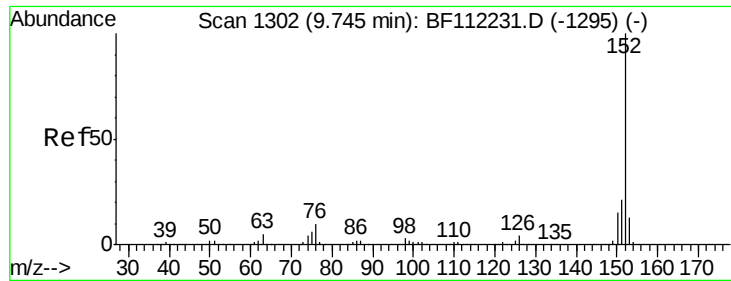
Abundance

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





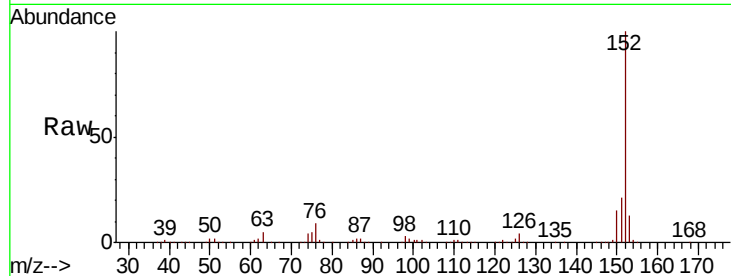
#49
Acenaphthylene
Concen: 40.742 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.6
153	13.5	11.2	16.8

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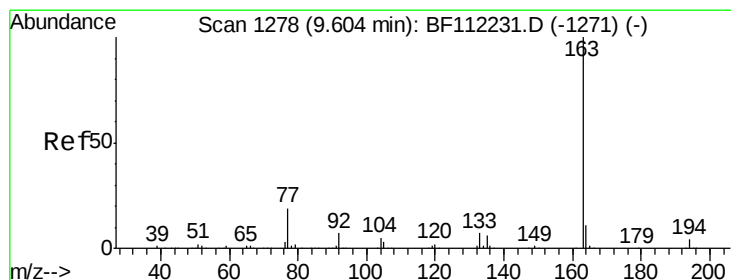
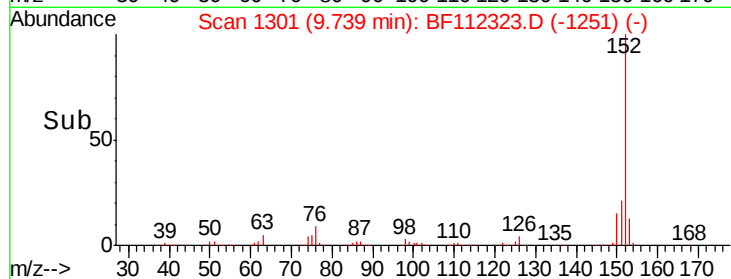
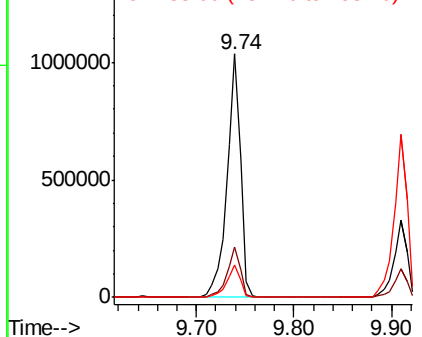


Abundance

Ion 152.00 (151.70 to 152.70): E

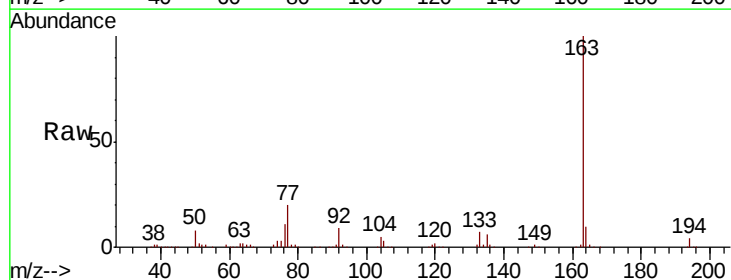
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 38.457 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.2	8.5	12.7

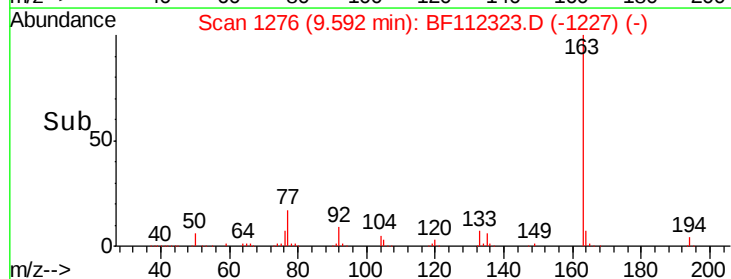
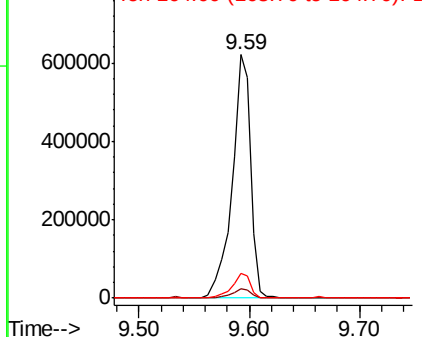


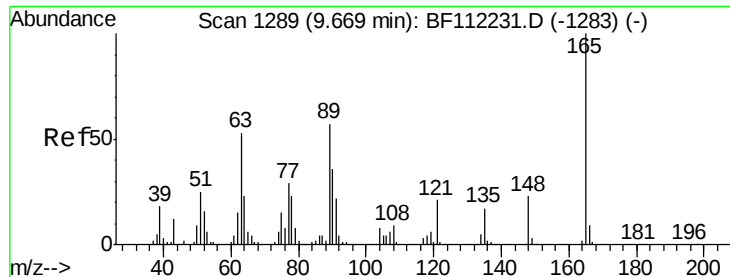
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.708 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

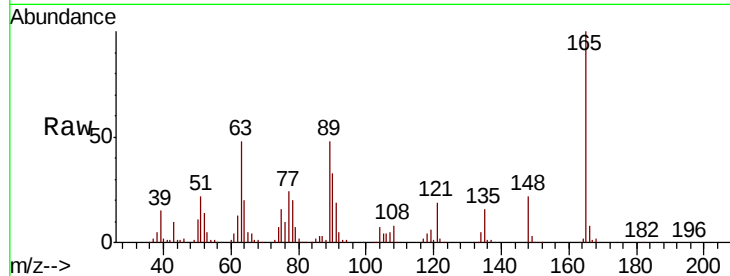
ClientSampleId :

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Tot Ion:	165	Resp:	164222
Ion Ratio	Lower	Upper	
165	100		
63	47.8	33.8	50.8
89	48.4	36.9	55.3

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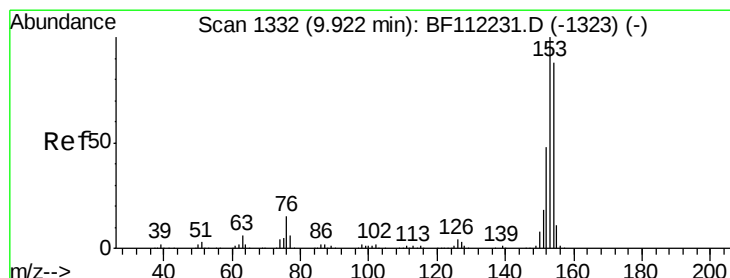
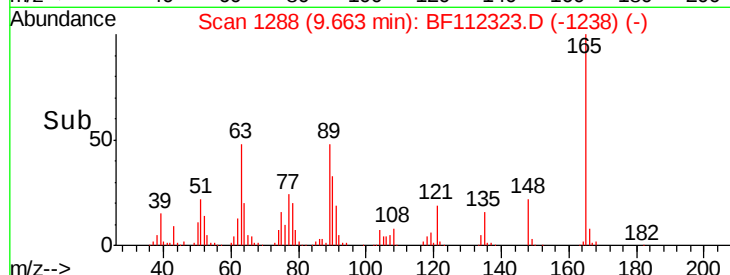
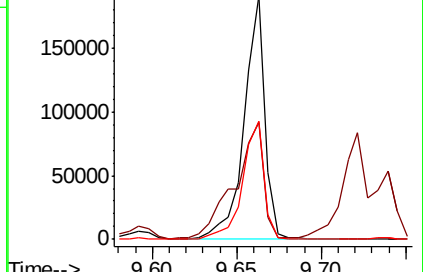
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.317 ng

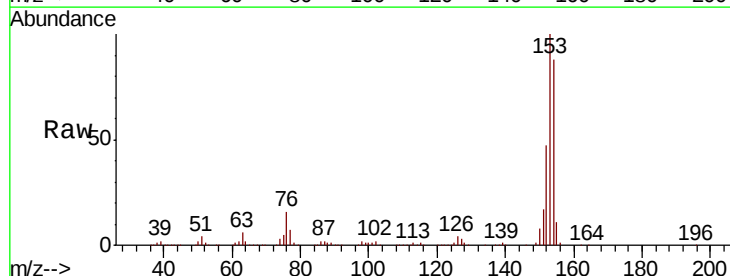
RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

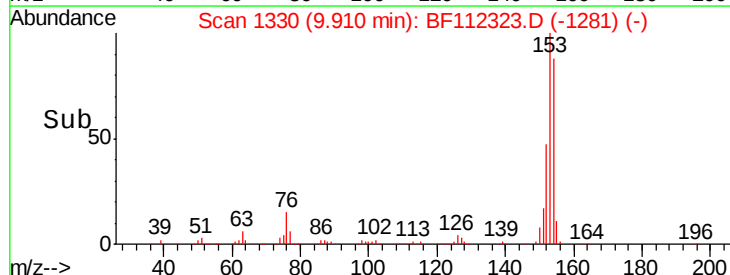
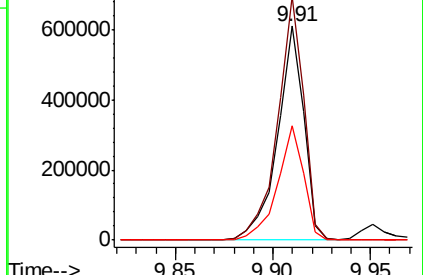
Tgt Ion:	154	Resp:	569026
Ion Ratio	Lower	Upper	
154	100		
153	113.9	89.8	134.6
152	53.6	43.5	65.3

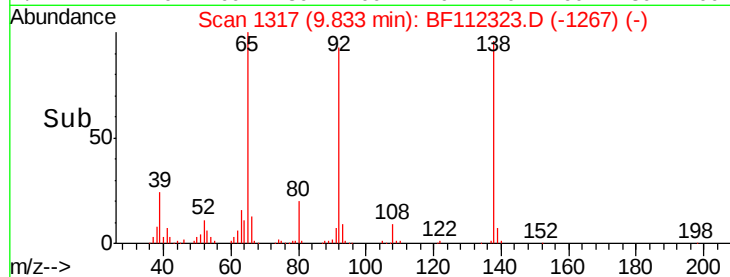
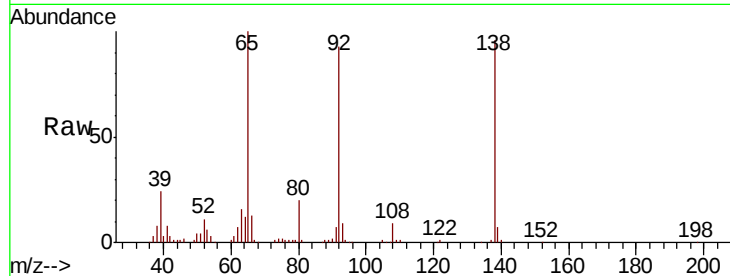
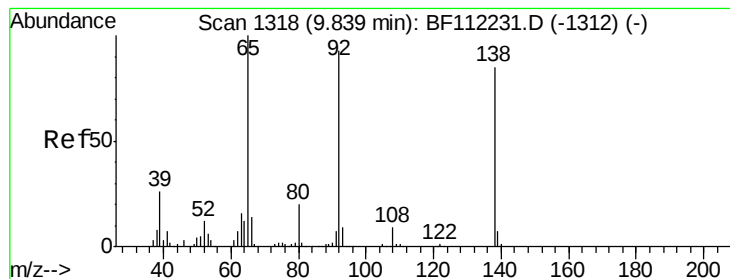


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.607 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Tot Ion:	138	Resp:	113099
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.8	14.6
92	96.9	79.4	119.2

Instrument :

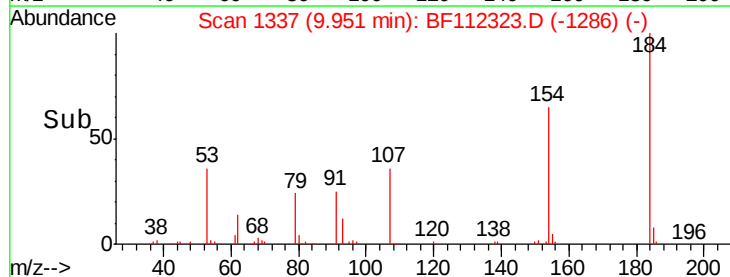
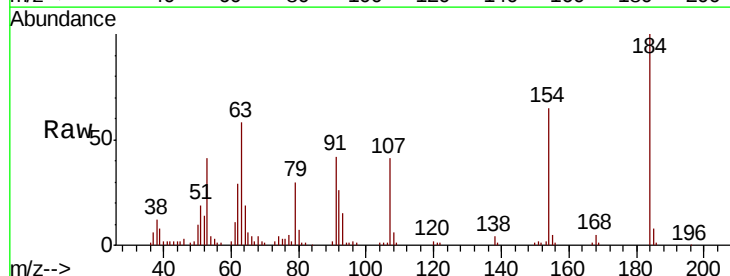
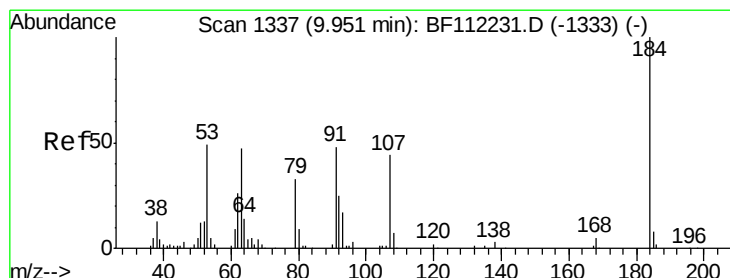
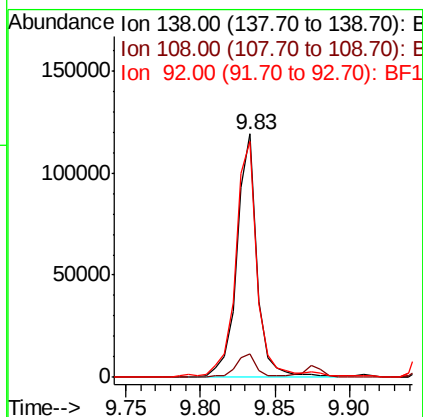
BNA_F

ClientSampleId :

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#54

2,4-Dinitrophenol

Concen: 55.039 ng

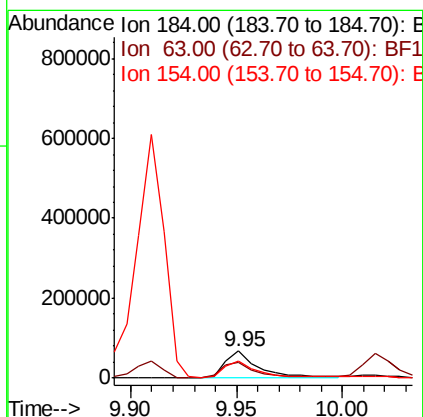
RT: 9.95 min Scan# 1337

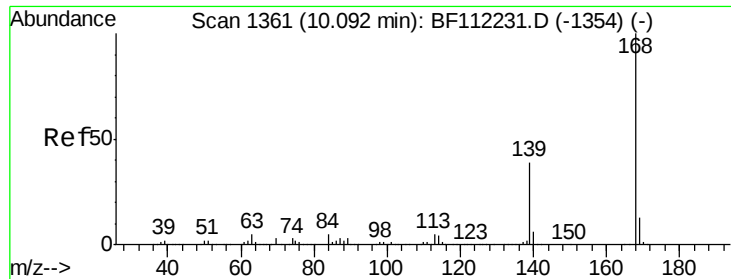
Delta R.T. 0.00 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Tgt Ion:	184	Resp:	74939
Ion Ratio	Lower	Upper	
184	100		
63	57.7	47.1	70.7
154	64.8	48.9	73.3





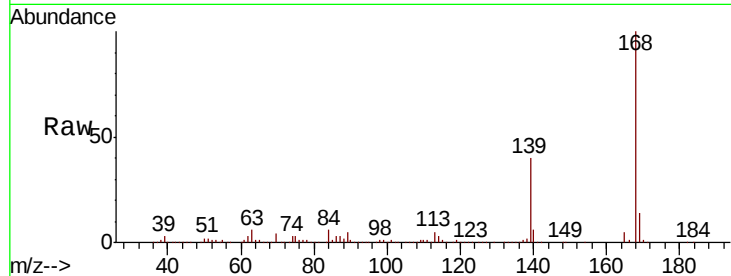
#55
Dibenzenofuran
Concen: 38.804 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	858211		
139	40.5	29.2	43.8	
169	13.6	11.4	17.0	

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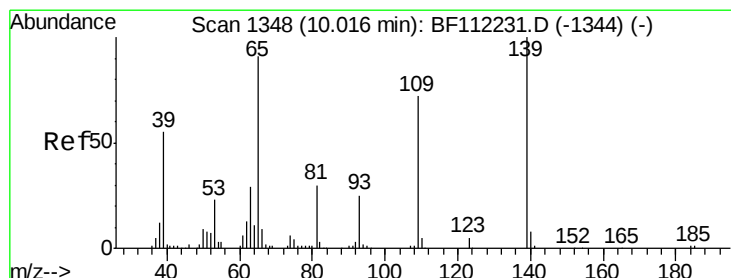
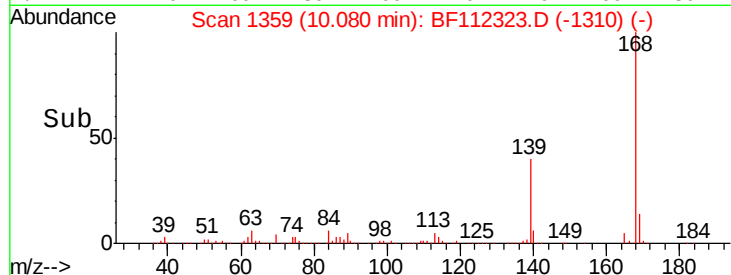
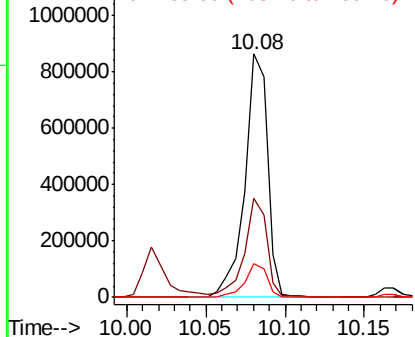


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 73.488 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

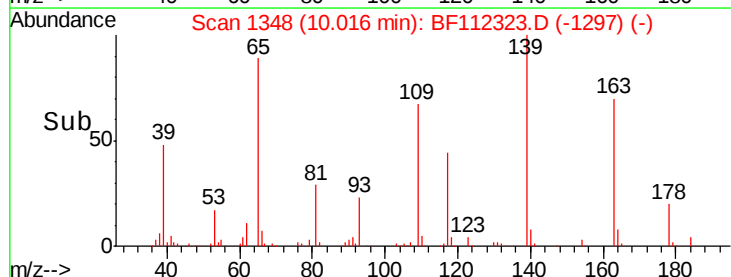
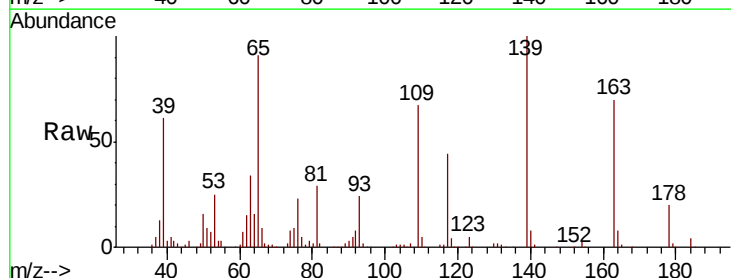
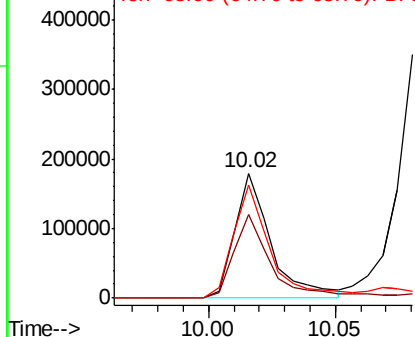
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	178578		
109	66.9	42.8	82.8	
65	90.7	66.1	106.1	

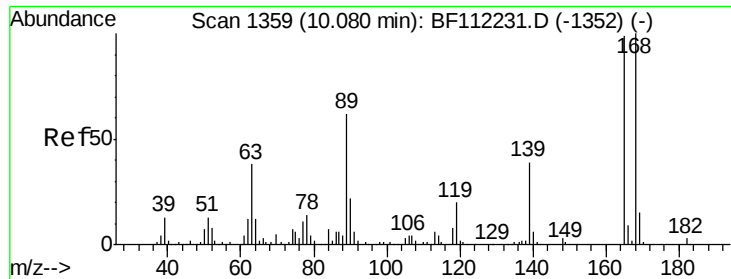
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





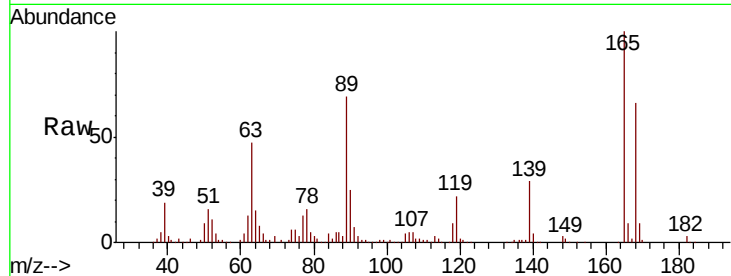
#57
2,4-Dinitrotoluene
Concen: 39.179 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	46.6	27.9	41.9#
89	69.2	47.9	71.9
182	2.8	2.2	3.4

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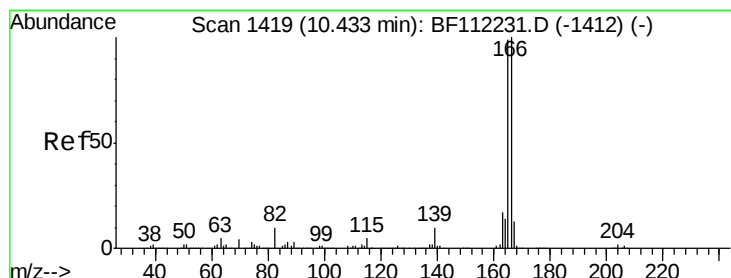
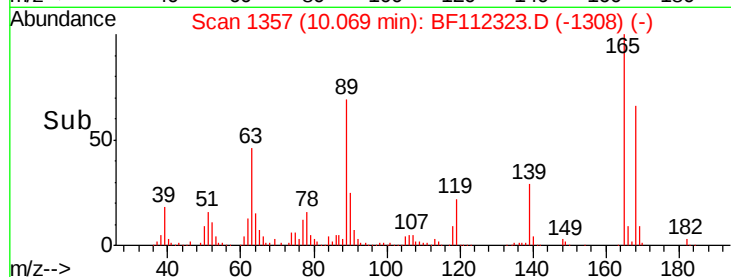
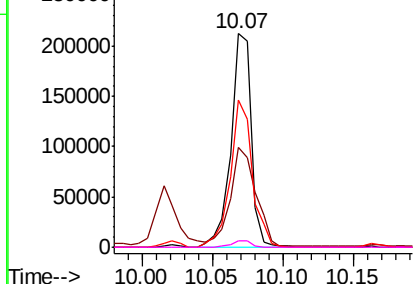
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.111 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

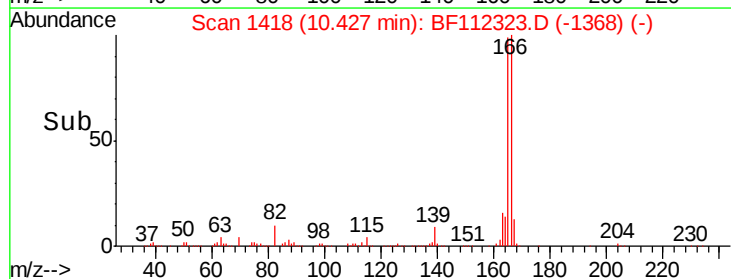
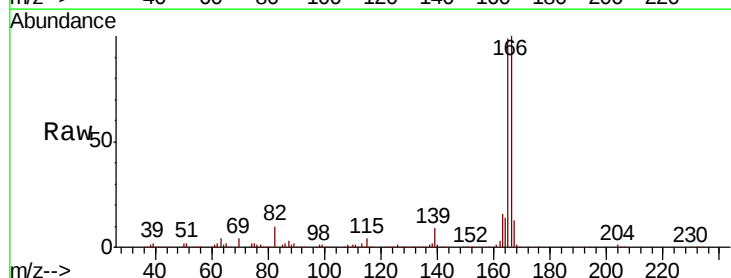
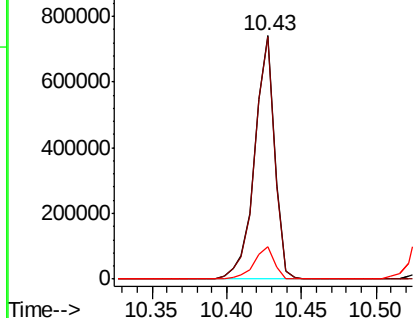
Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.3	77.1	115.7
167	13.4	11.3	16.9

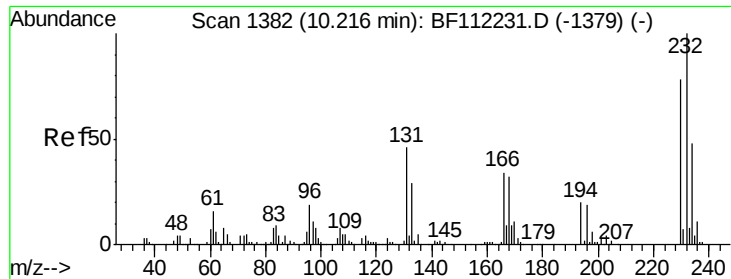
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





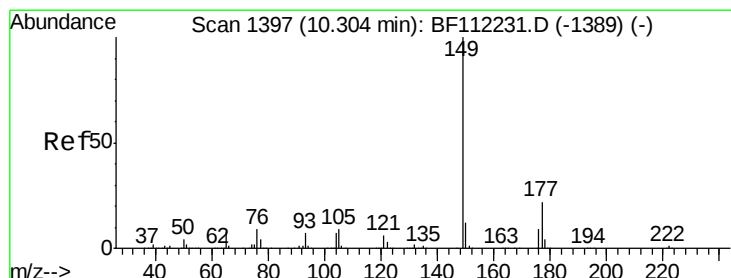
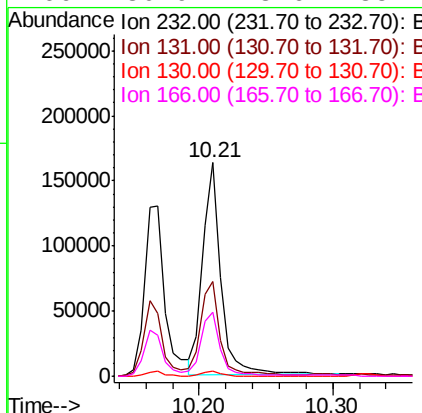
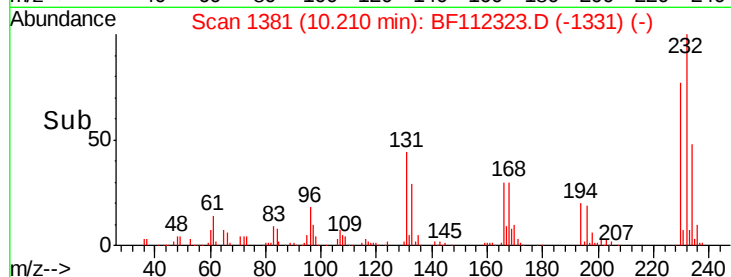
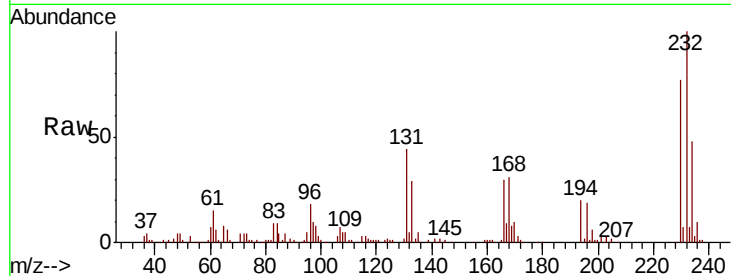
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.968 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion:	232	Resp:	155770
Ion Ratio	Lower	Upper	
232	100		
131	45.8	33.9	50.9
130	2.4	1.8	2.6
166	30.9	23.6	35.4

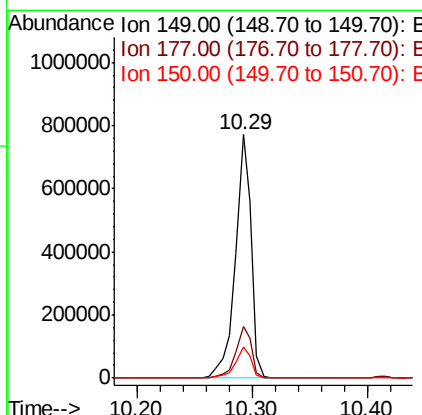
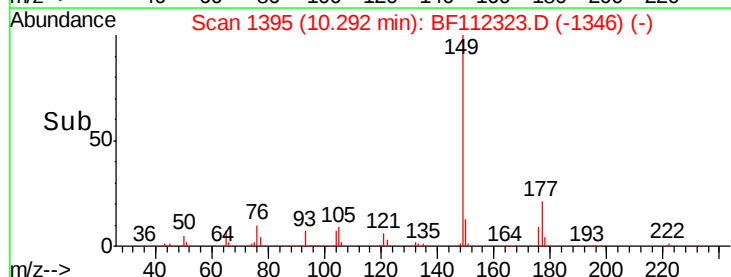
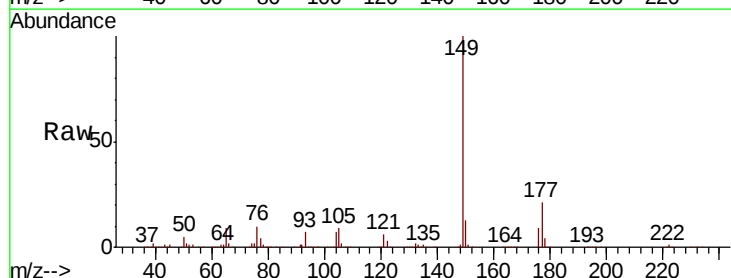
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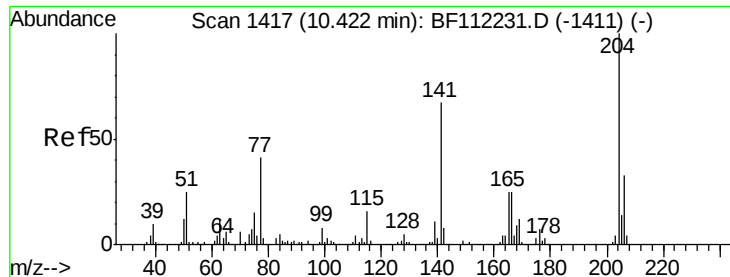
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#60
Diethylphthalate
Concen: 38.350 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion:	149	Resp:	720941
Ion Ratio	Lower	Upper	
149	100		
177	21.3	18.2	27.2
150	12.8	10.4	15.6





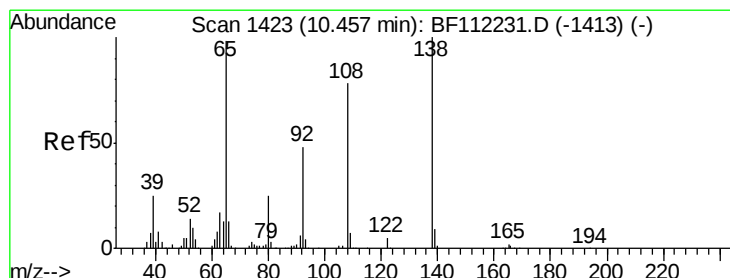
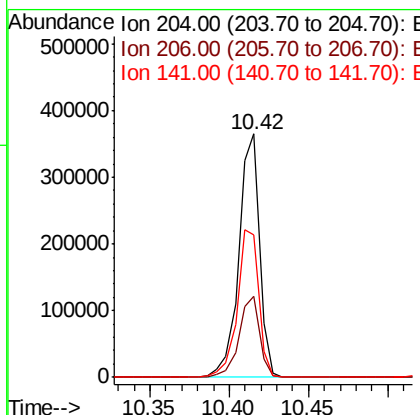
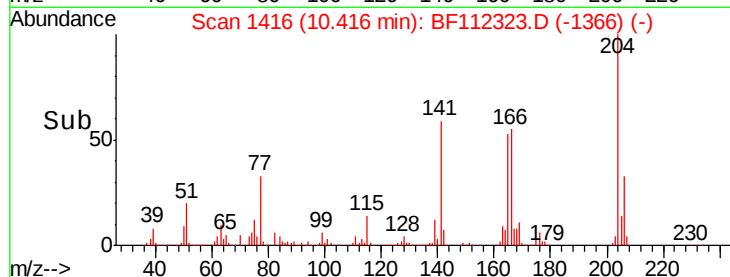
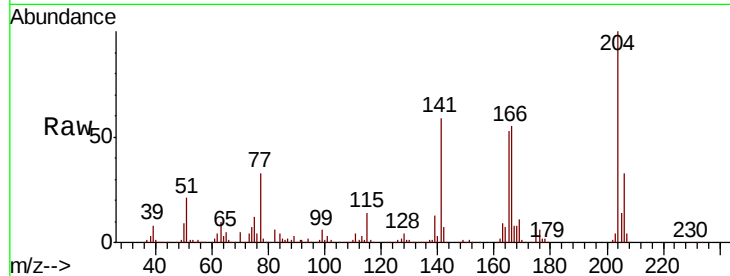
#61
 4-Chlorophenyl-phenylether
 Concen: 36.653 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tot Ion:	204	Resp:	329986
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.5	39.7
141	58.6	45.9	68.9

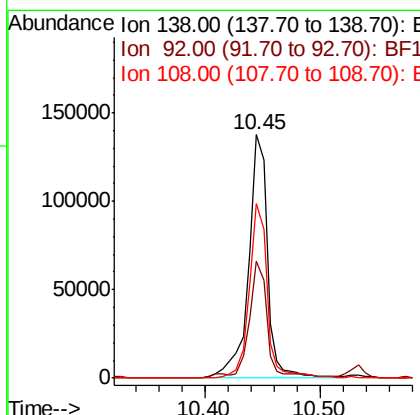
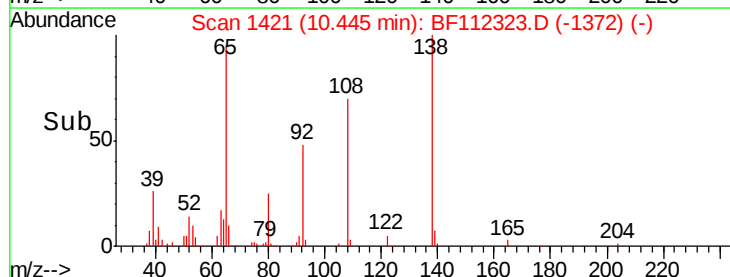
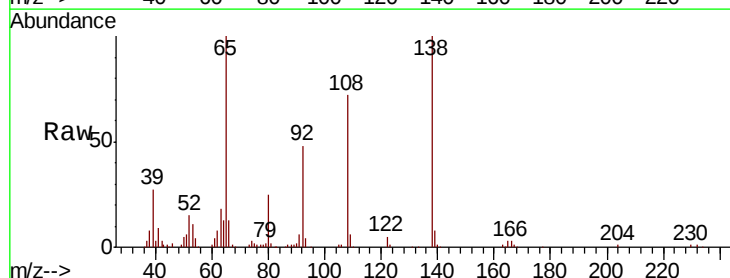
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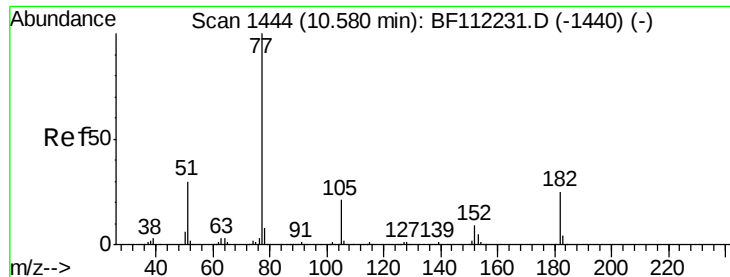
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#62
 4-Nitroaniline
 Concen: 35.072 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion:	138	Resp:	158117
Ion Ratio	Lower	Upper	
138	100		
92	48.0	30.6	70.6
108	71.8	50.0	90.0





#63

Azobenzene

Concen: 37.463 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

Tot Ion: 77 Resp: 619398

Ion Ratio Lower Upper

77 100

182 28.5 5.7 45.7

105 22.0 1.4 41.4

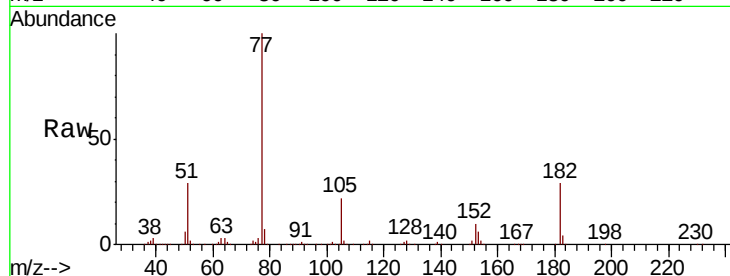
51 29.0 9.5 49.5

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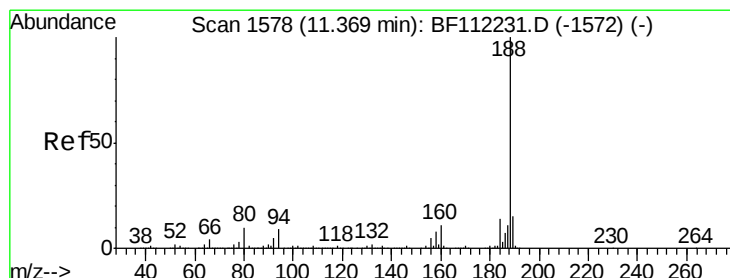
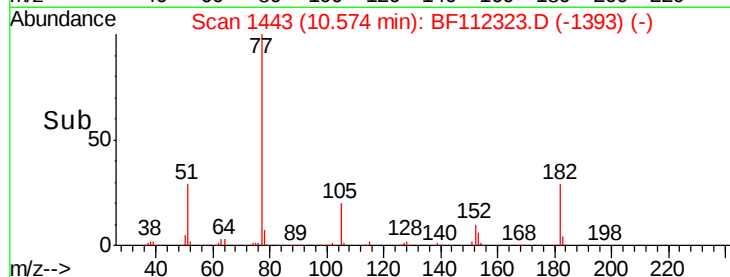
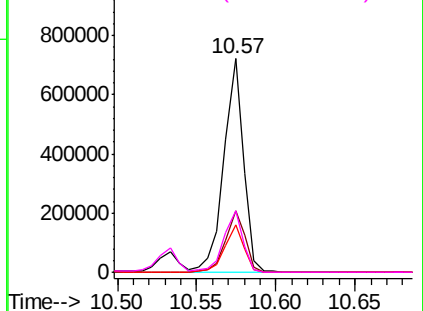


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

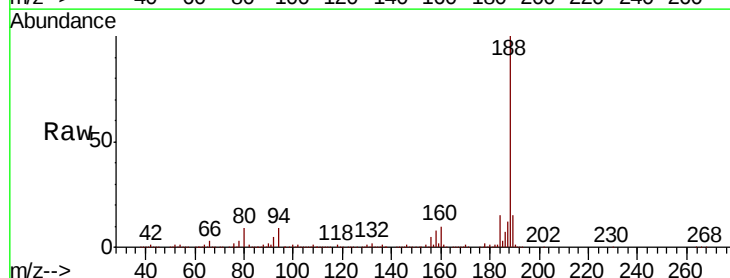
Tgt Ion: 188 Resp: 456230

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

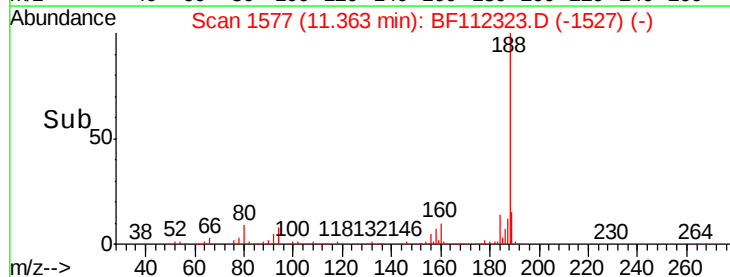
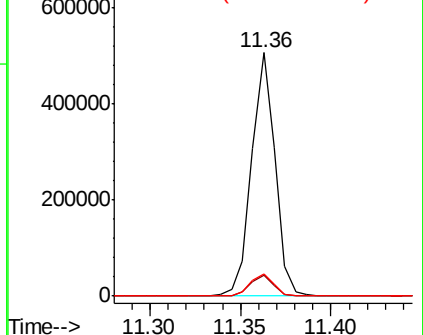
80 9.2 8.9 13.3

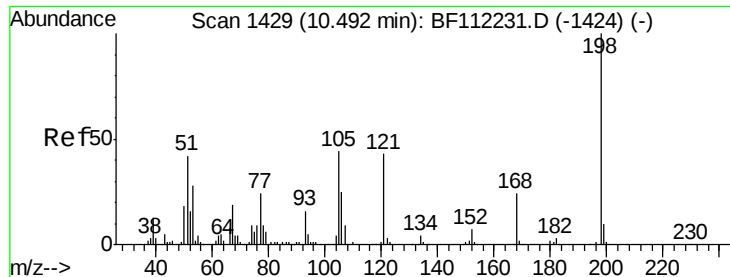


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





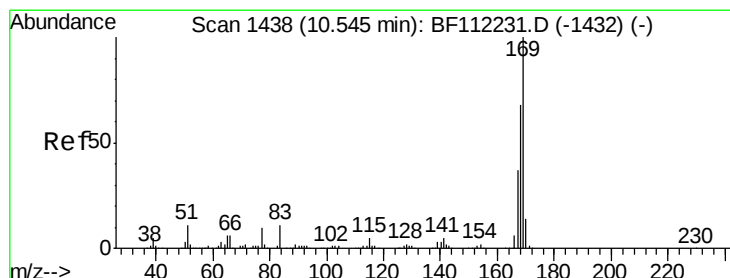
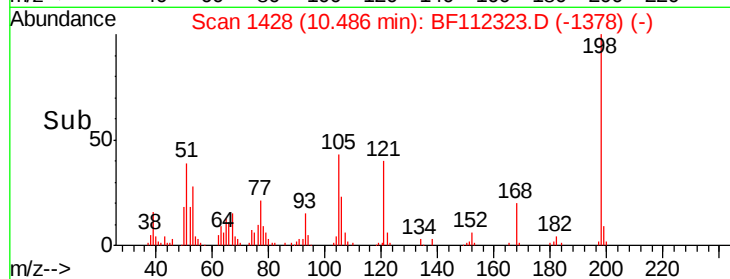
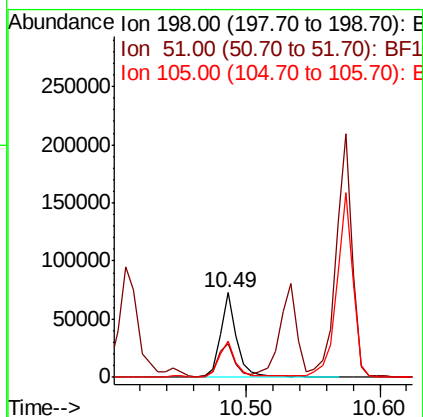
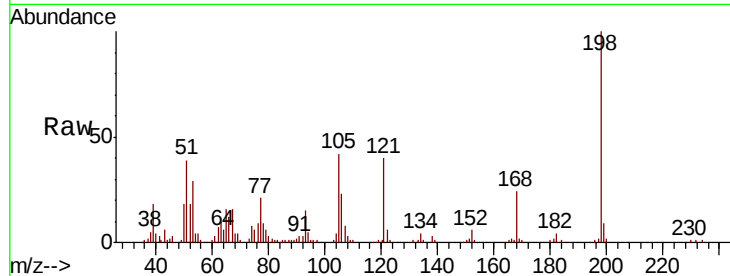
#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.908 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.3	17.2	57.2
105	42.5	21.9	61.9

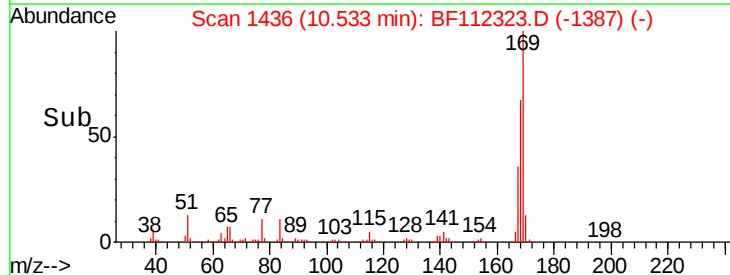
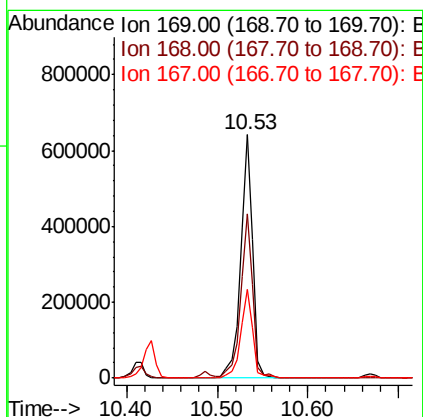
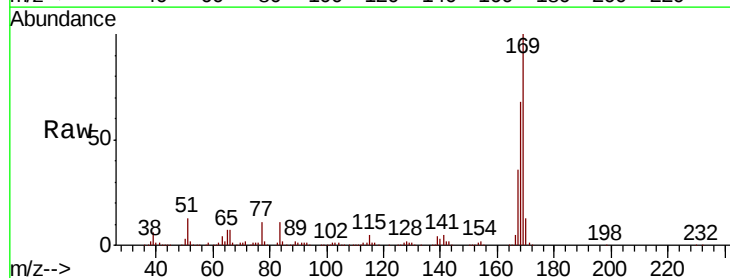
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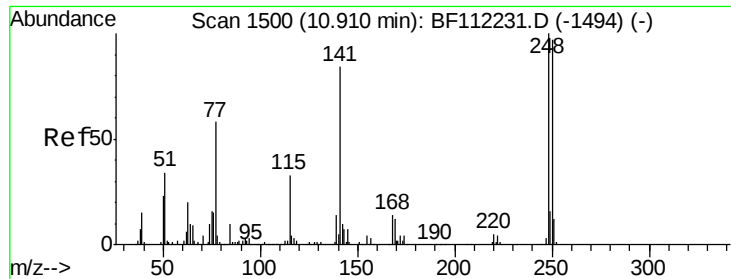
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#66
 n-Nitrosodiphenylamine
 Concen: 38.798 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.9	80.9
167	36.4	28.9	43.3





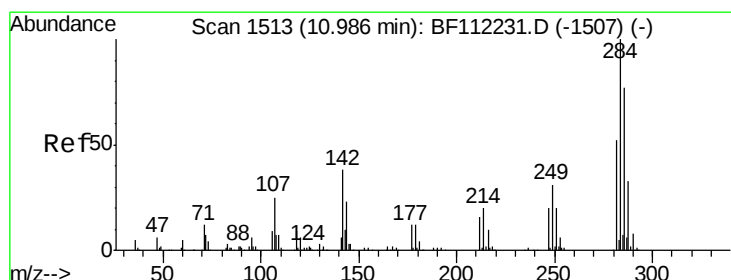
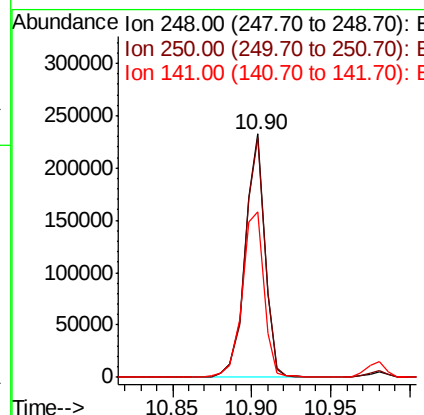
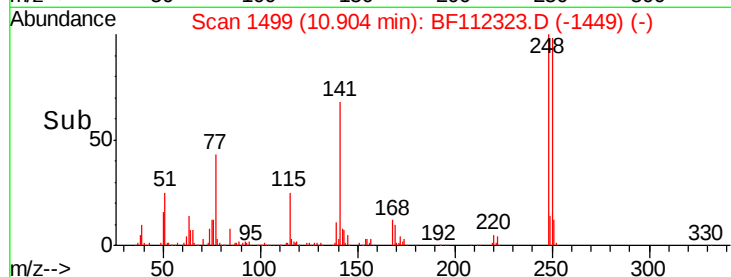
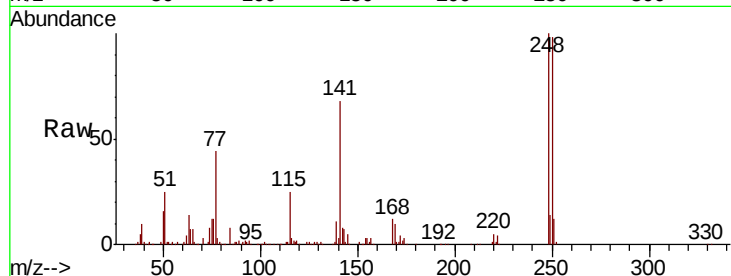
#67
4-Bromophenyl-phenylether
Concen: 37.345 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	79.7	119.5
141	67.9	60.3	90.5

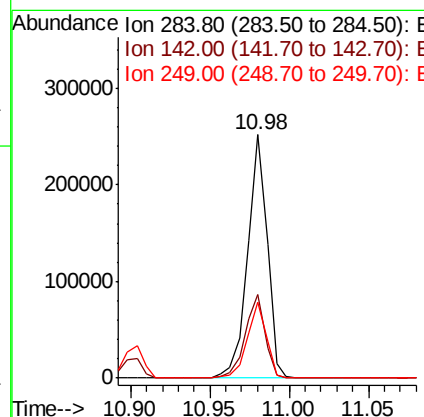
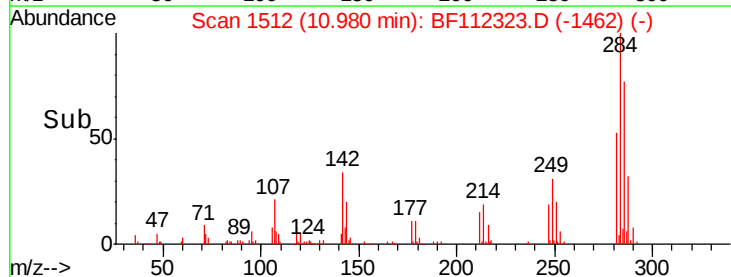
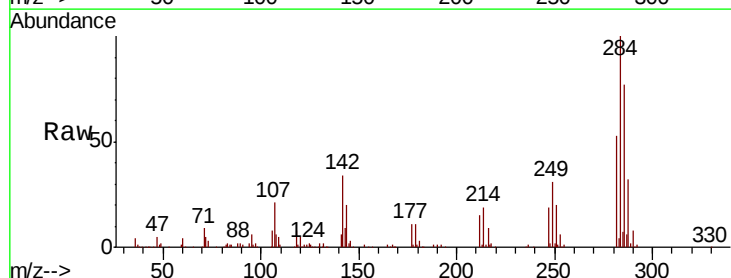
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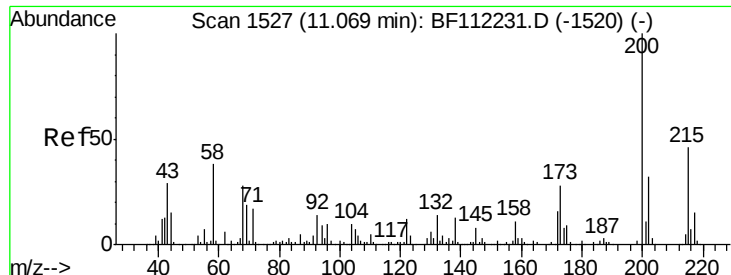
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#68
Hexachlorobenzene
Concen: 37.446 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	27.6	41.4
249	31.3	24.1	36.1





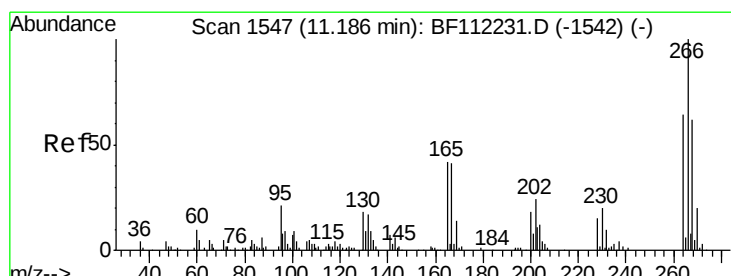
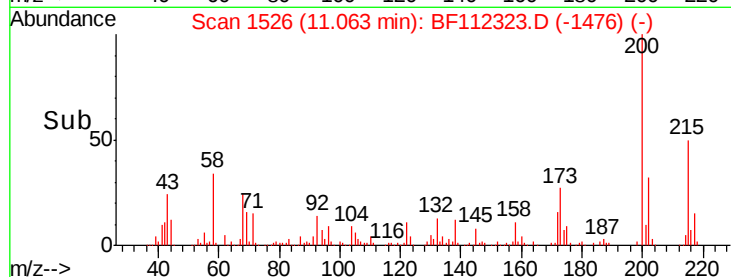
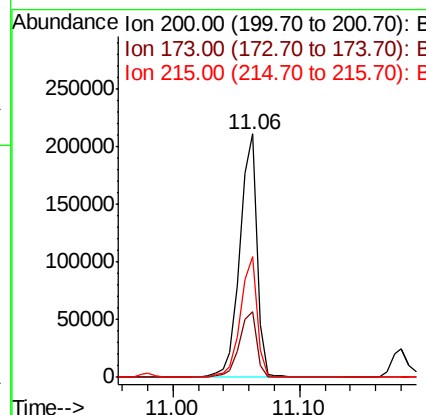
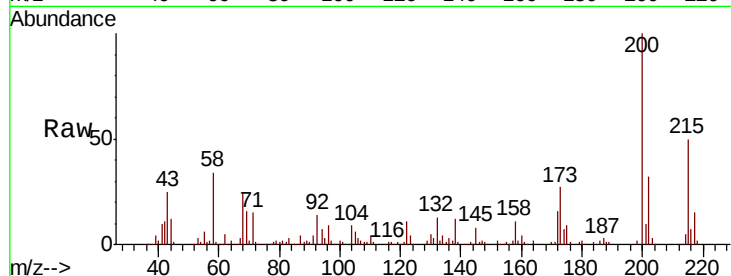
#69
Atrazine
Concen: 39.466 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampled :
PB116683BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	195806		
173	26.8	7.1	47.1	
215	49.6	30.4	70.4	

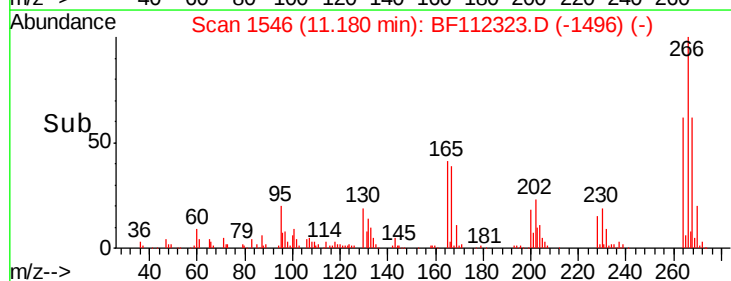
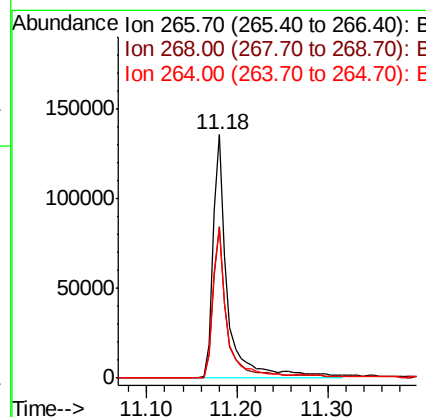
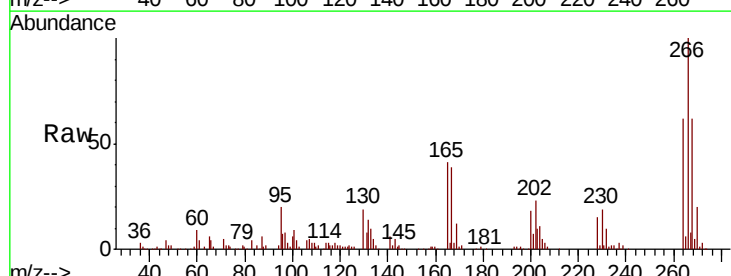
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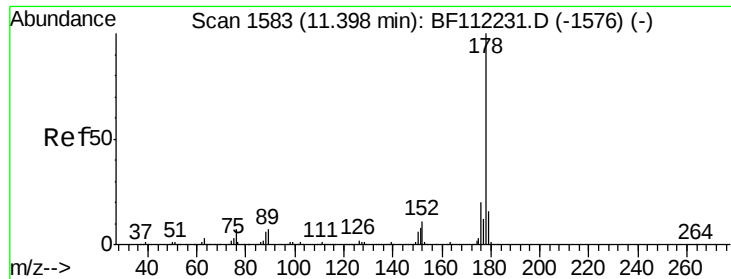
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#70
Pentachlorophenol
Concen: 69.226 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	155072		
268	62.4	51.2	76.8	
264	61.6	50.9	76.3	





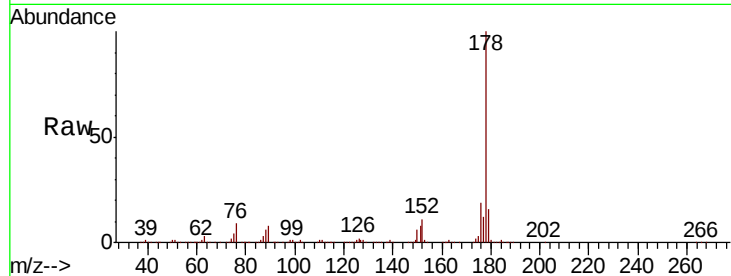
#71
Phenanthrene
Concen: 39.412 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

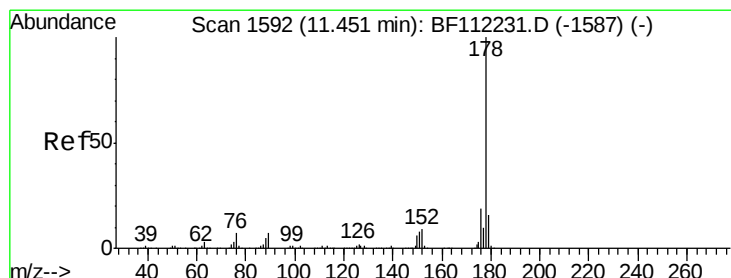
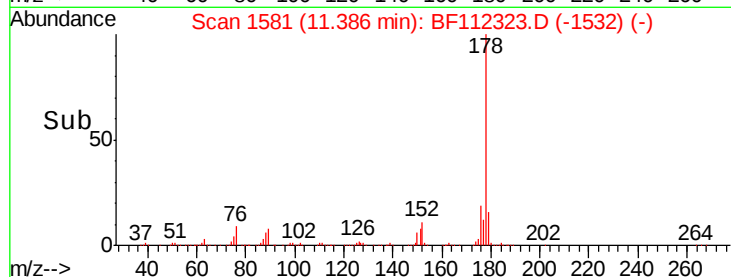
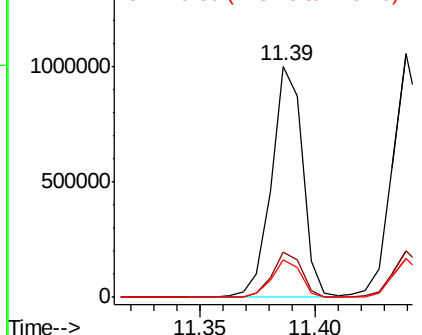
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.3	24.5
179	16.0	13.0	19.4

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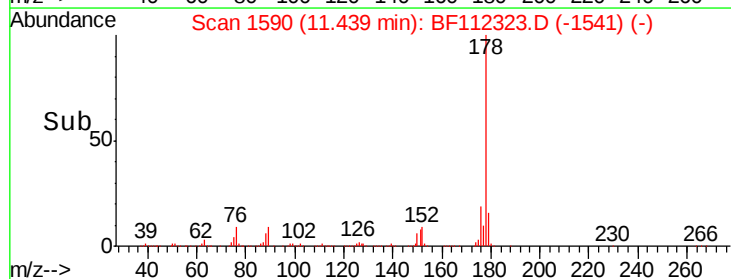
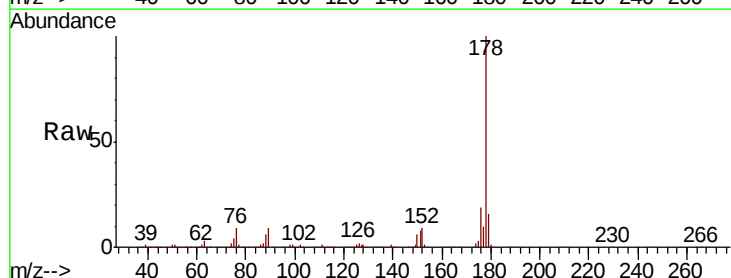
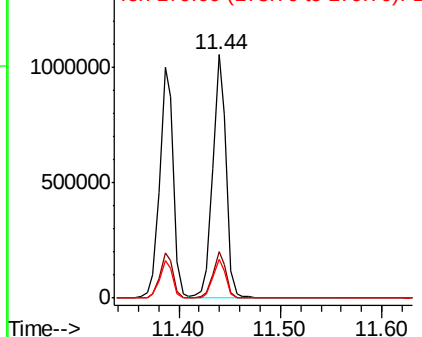
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

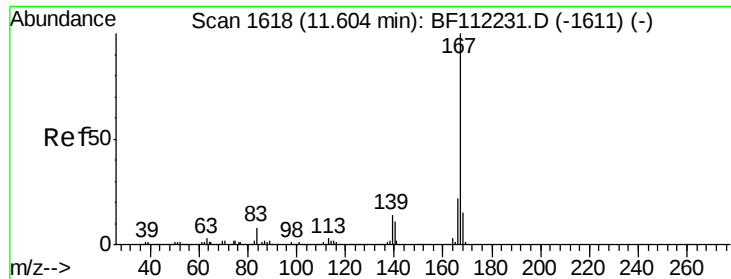


#72
Anthracene
Concen: 41.117 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

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

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





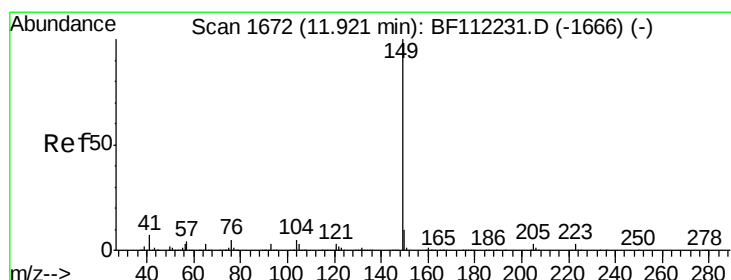
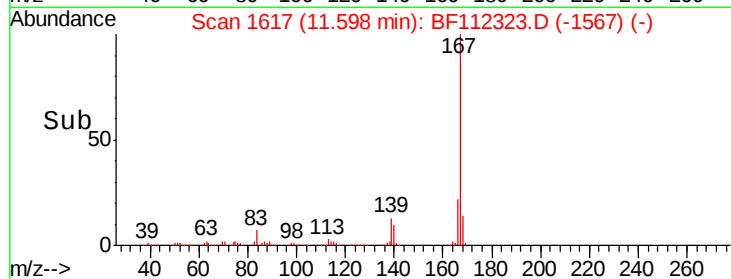
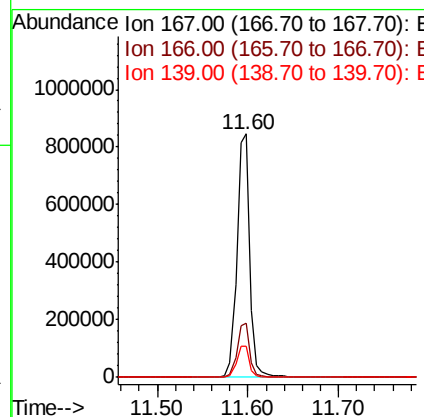
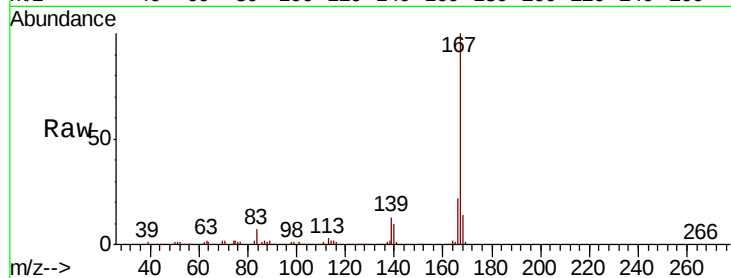
#73
 Carbazole
 Concen: 36.072 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	12.8	10.2	15.2

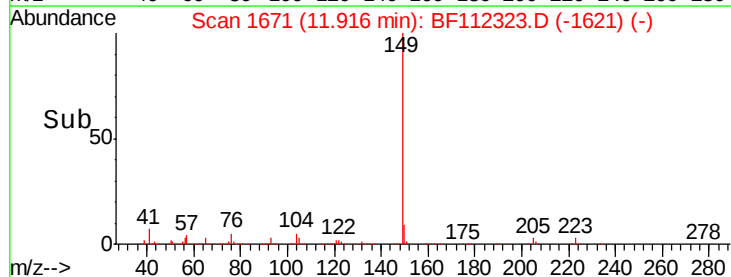
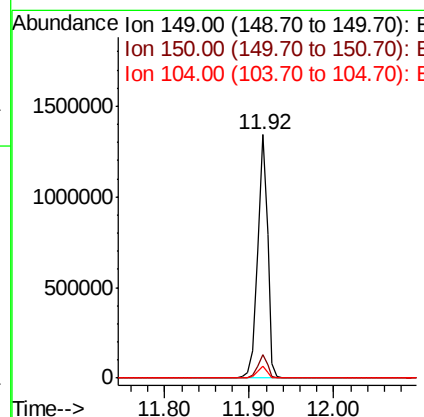
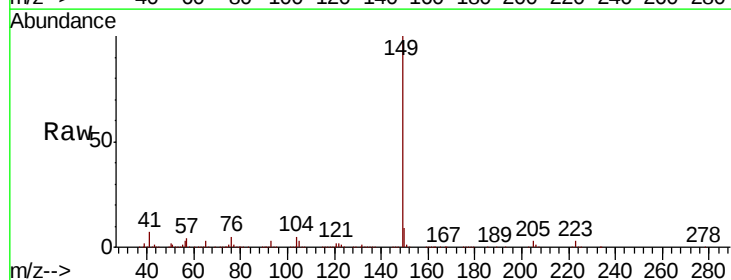
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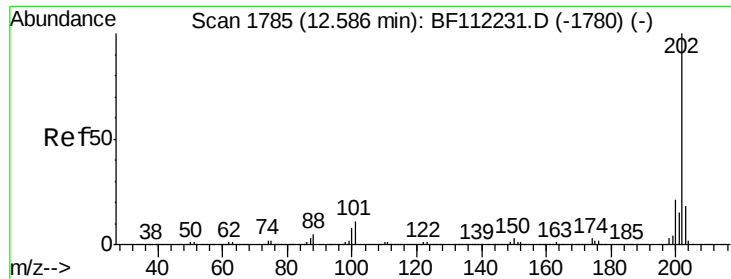
mohammad
 2/1/2019 12:06:23 AM



#74
 Di-n-butylphthalate
 Concen: 38.386 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.8	3.9	5.9





#75

Fluoranthene

Concen: 34.208 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

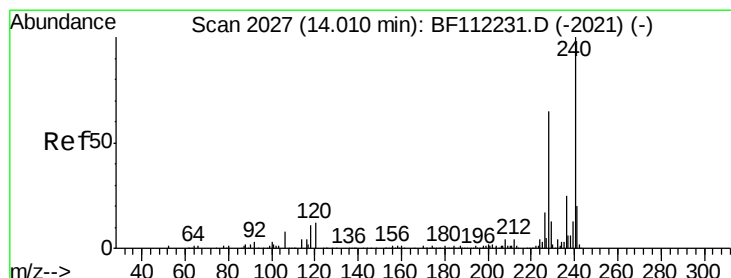
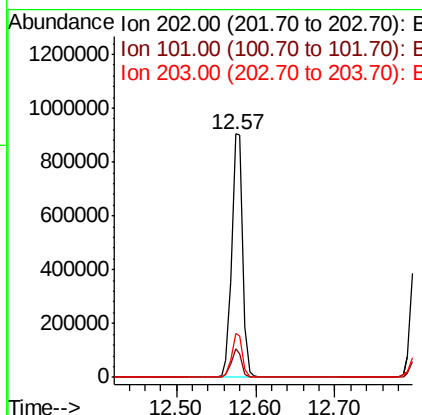
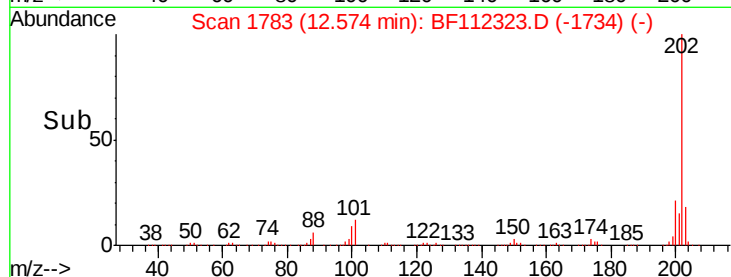
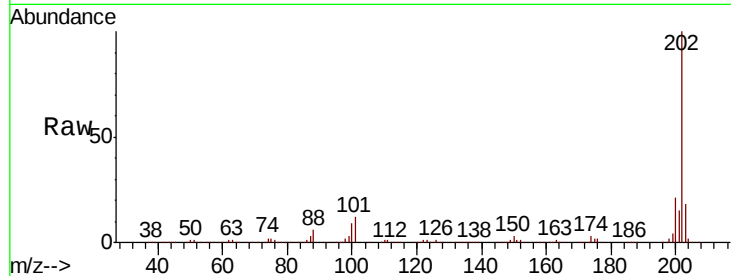
ClientSampleId :

PB116683BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	870245		
101	11.9	0.0	31.8	
203	17.9	0.0	38.4	

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#76

Chrysene-d12

Concen: 20.000 ng

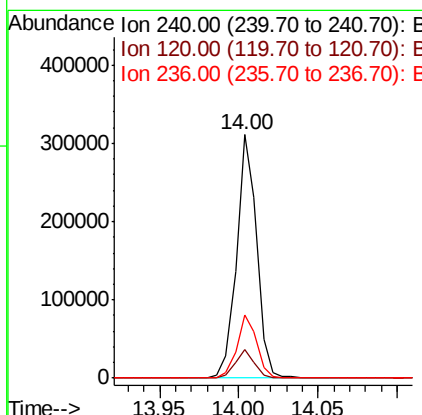
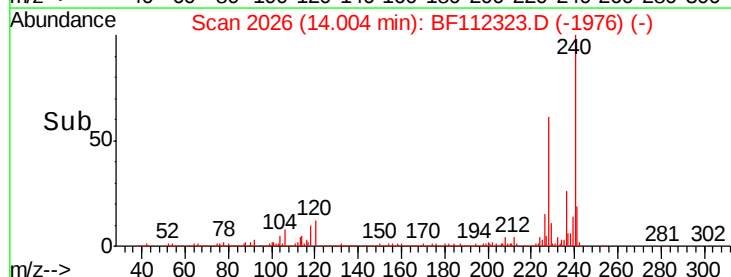
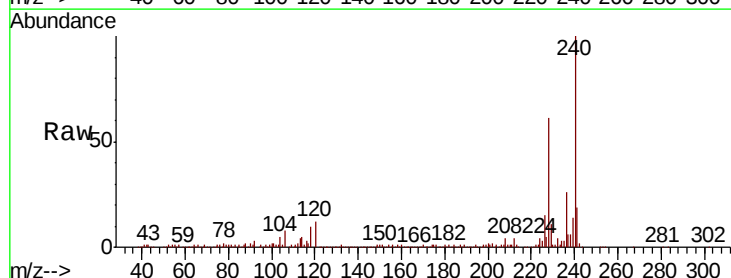
RT: 14.00 min Scan# 2026

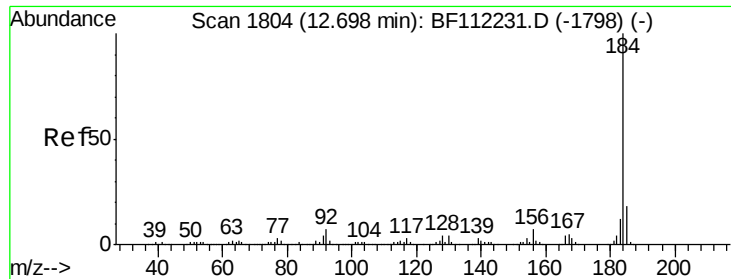
Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	273277		
120	11.8	9.0	13.6	
236	26.0	20.7	31.1	





#77

Benzidine

Concen: 50.877 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

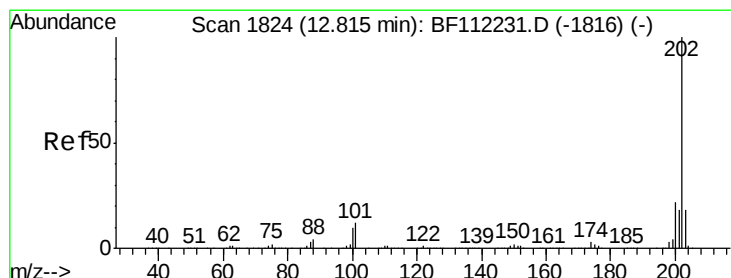
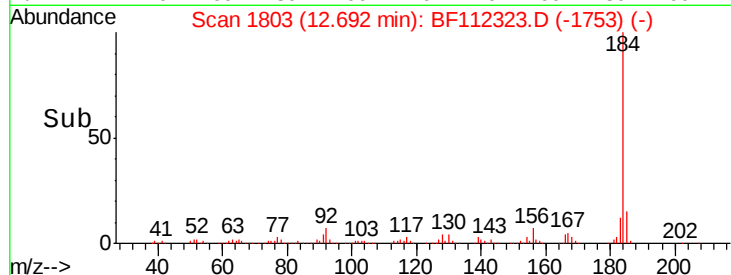
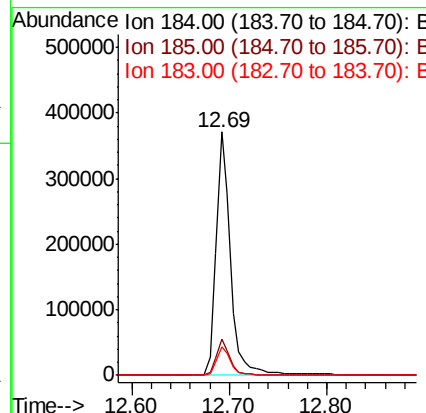
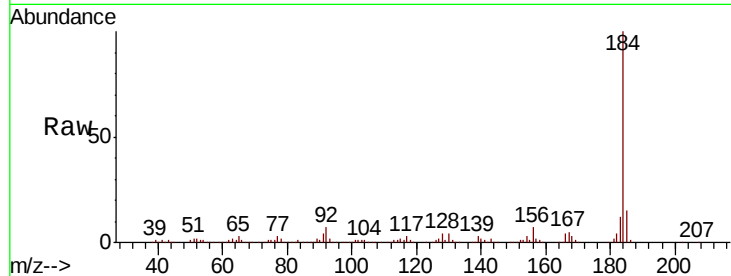
ClientSampleId :

PB116683BS

Tot Ion:	184	Resp:	382673
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.9	20.9
183	11.7	10.0	15.0

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#78

Pyrene

Concen: 45.300 ng

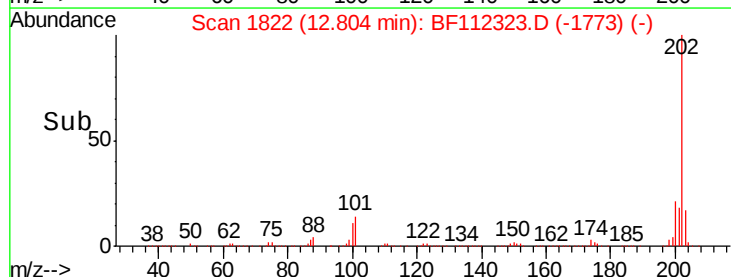
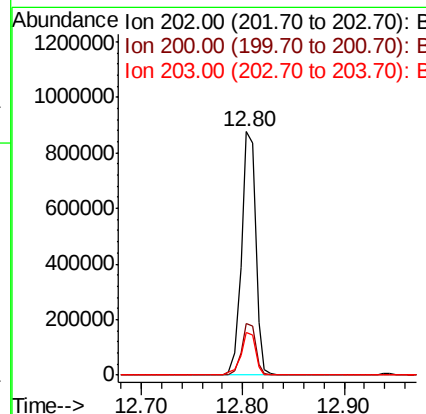
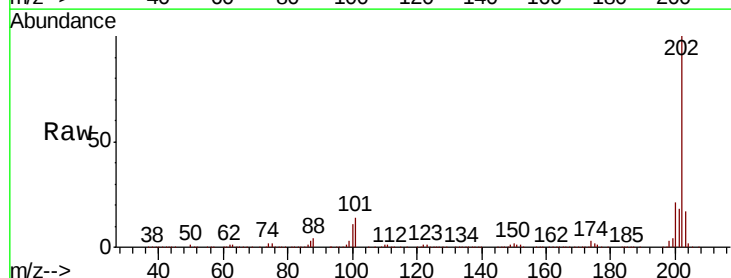
RT: 12.80 min Scan# 1822

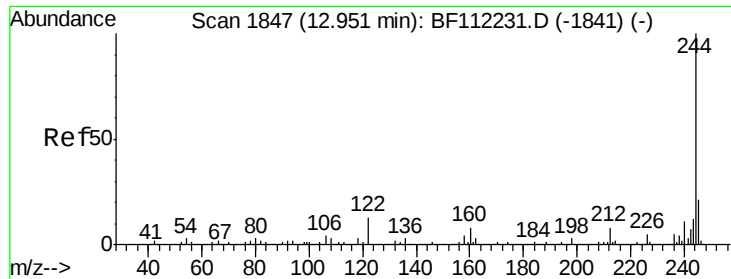
Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Tgt Ion:	202	Resp:	857073
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.7	26.5
203	17.4	14.6	22.0





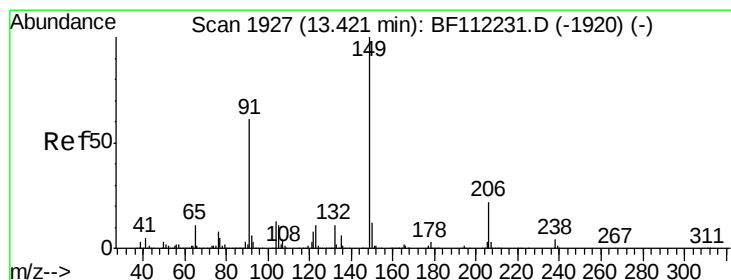
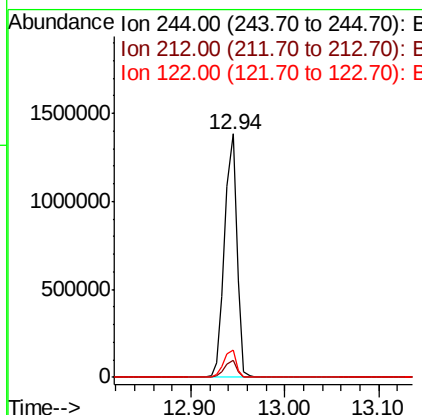
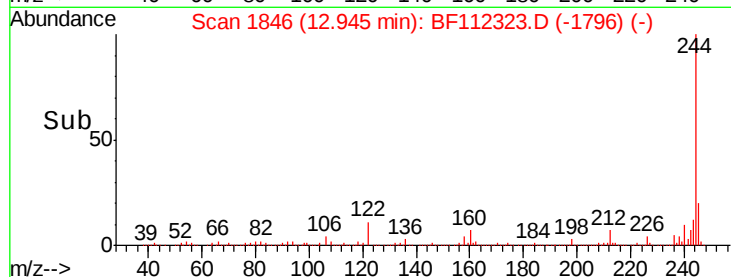
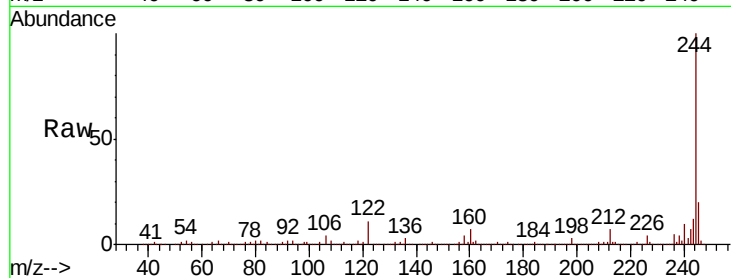
#79
 Terphenyl-d14
 Concen: 88.576 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.3	9.8	14.6

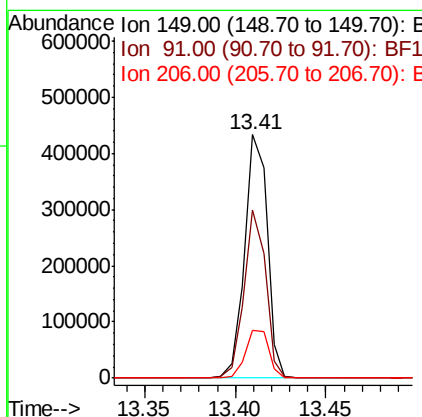
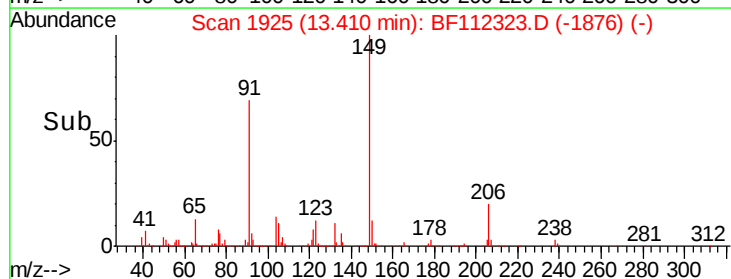
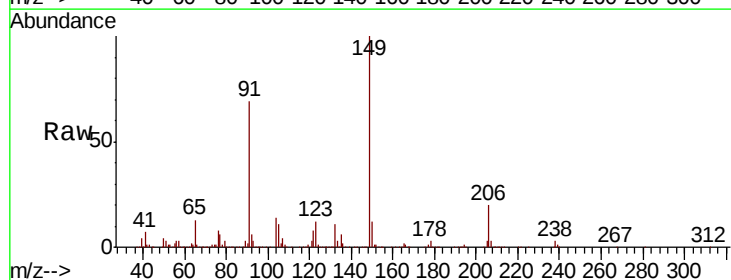
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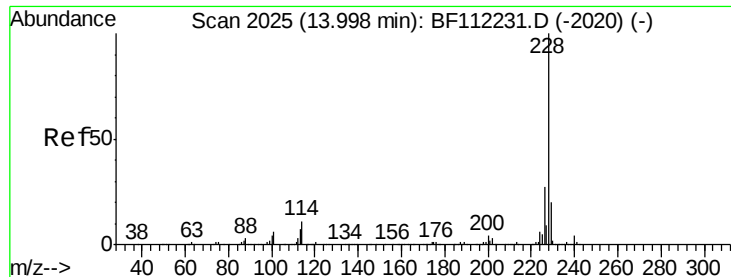
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#80
 Butylbenzylphthalate
 Concen: 41.002 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	50.3	75.5
206	19.5	18.2	27.4





#81

Benzo(a)anthracene

Concen: 40.825 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

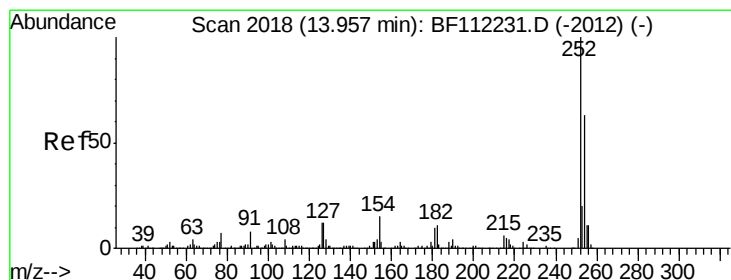
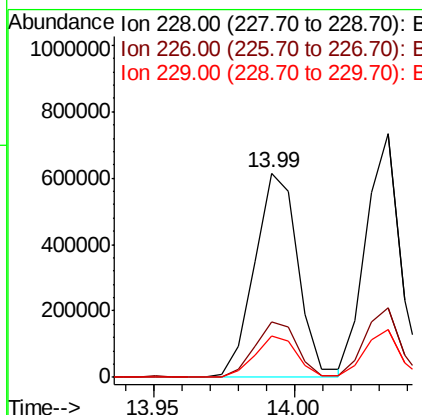
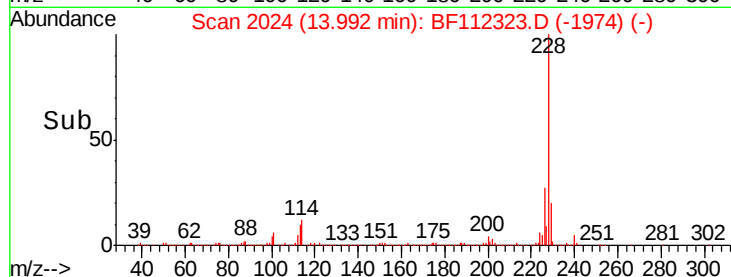
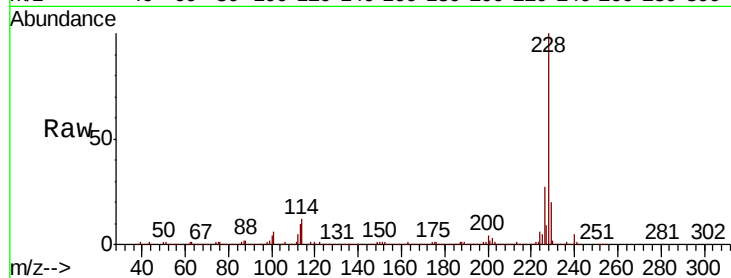
ClientSampleId :

PB116683BS

Tot Ion:	228	Resp:	655843
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.6	34.0
229	20.4	16.5	24.7

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#82

3,3'-Dichlorobenzidine

Concen: 34.875 ng

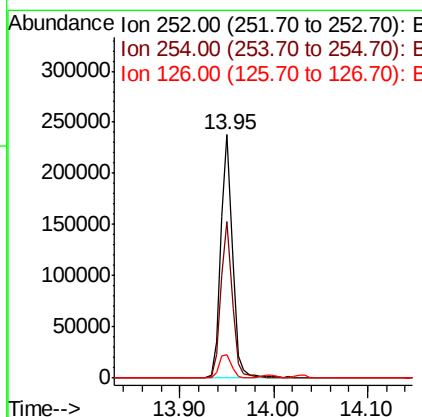
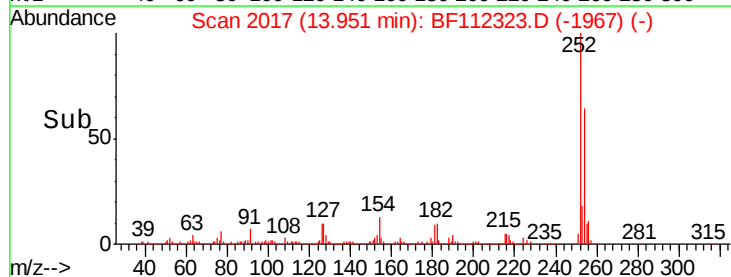
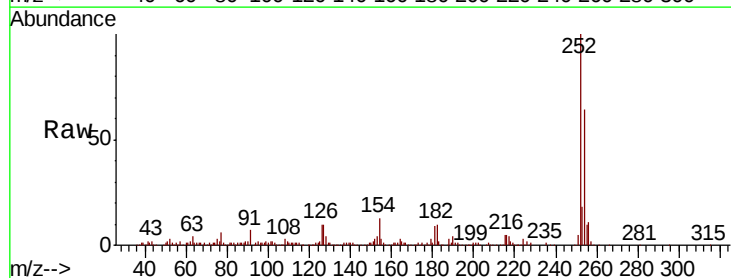
RT: 13.95 min Scan# 2017

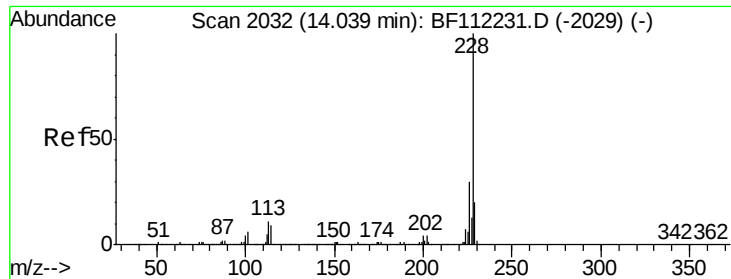
Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Tgt Ion:	252	Resp:	209675
Ion Ratio	Lower	Upper	
252	100		
254	64.3	51.6	77.4
126	9.9	8.6	12.8





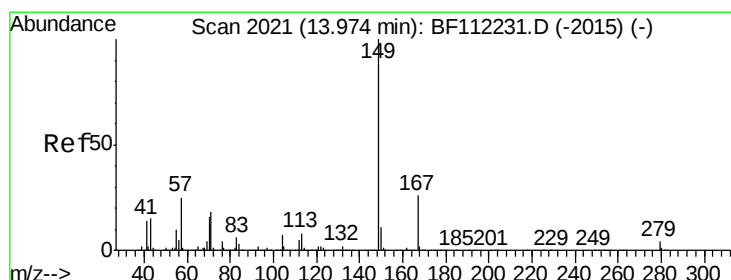
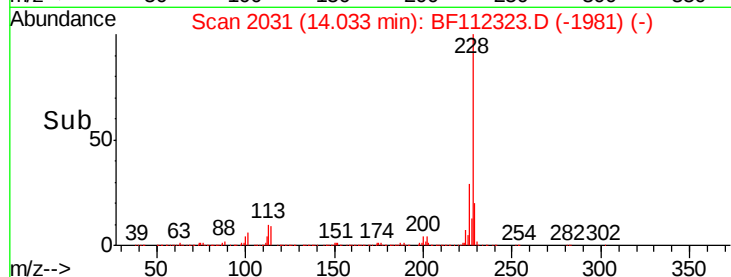
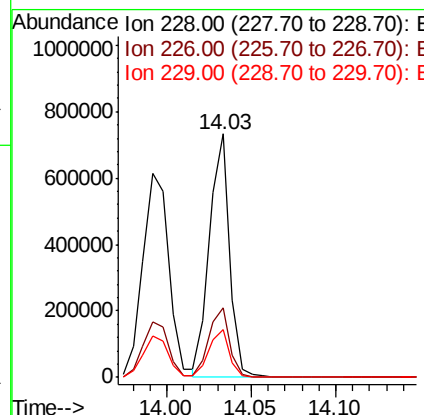
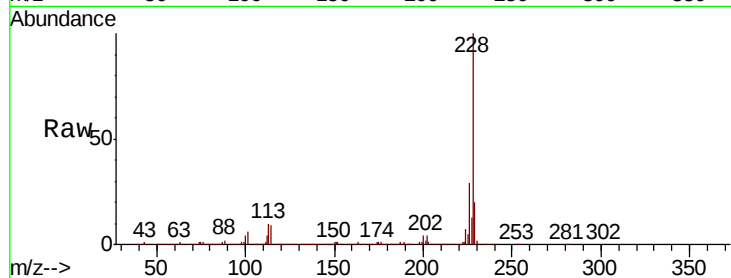
#83
 Chrvsene
 Concen: 39.865 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	611312		
226	28.8	25.0	37.6	
229	19.6	16.6	24.8	

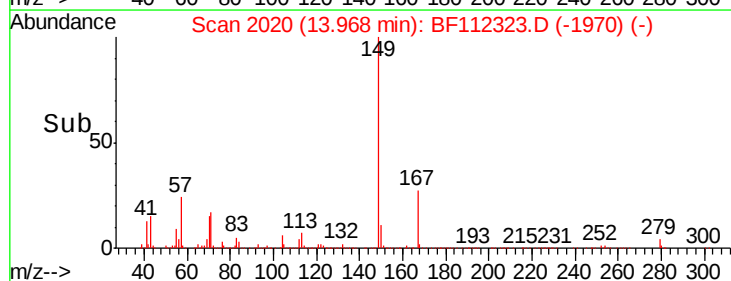
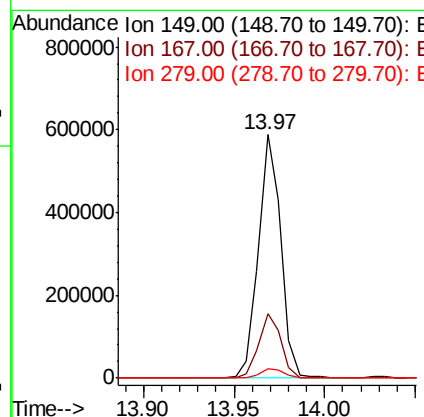
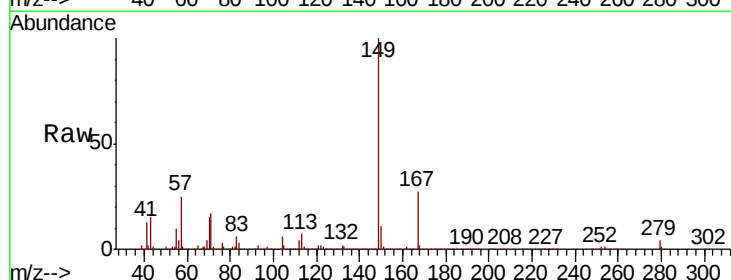
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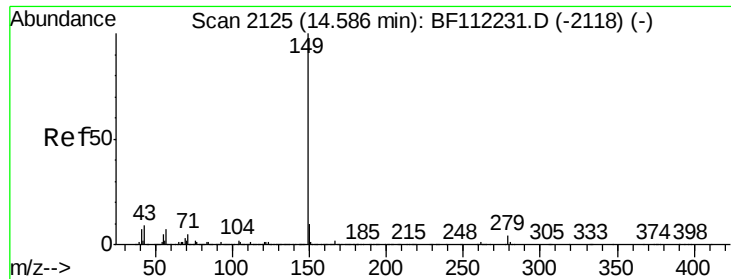
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.712 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	503015		
167	26.6	22.5	33.7	
279	3.7	3.8	5.6#	





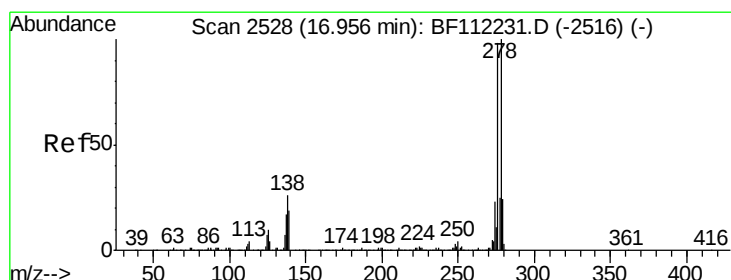
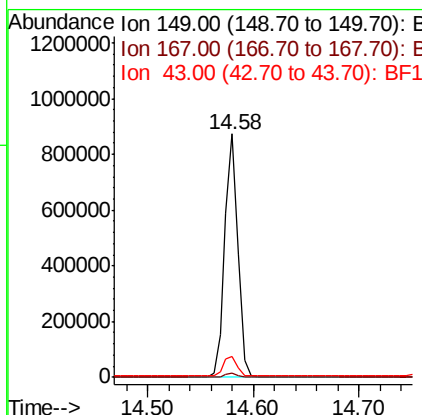
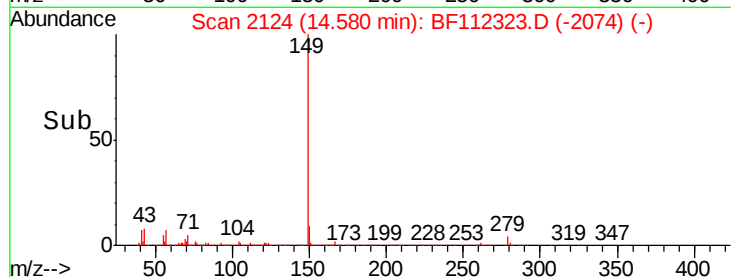
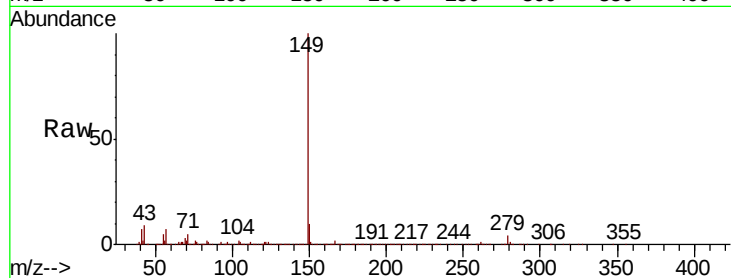
#85
Di-n-octyl phthalate
Concen: 38.027 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	7.8	11.6

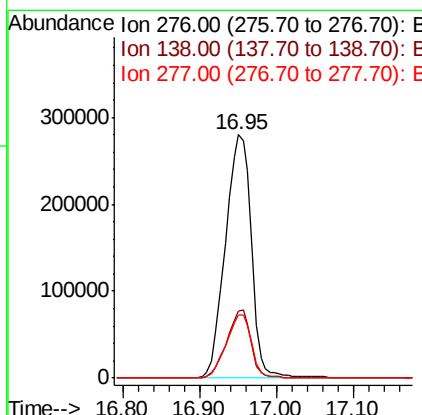
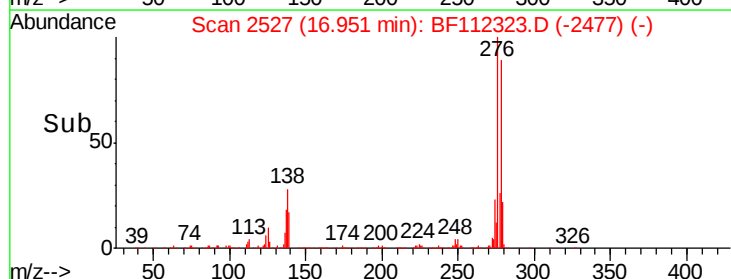
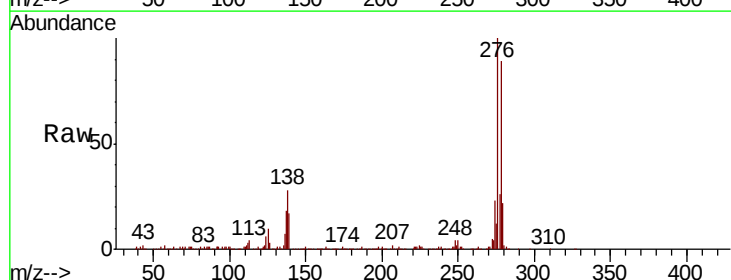
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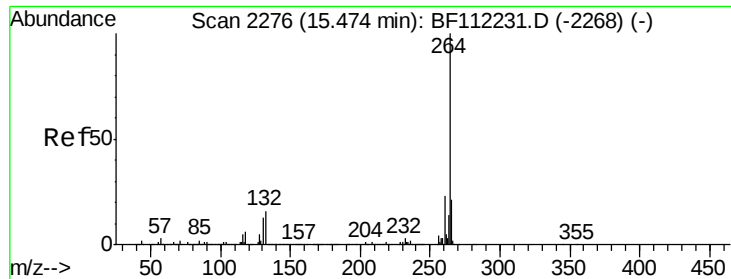
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 54.329 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	26.2	22.6	34.0
277	25.6	20.3	30.5





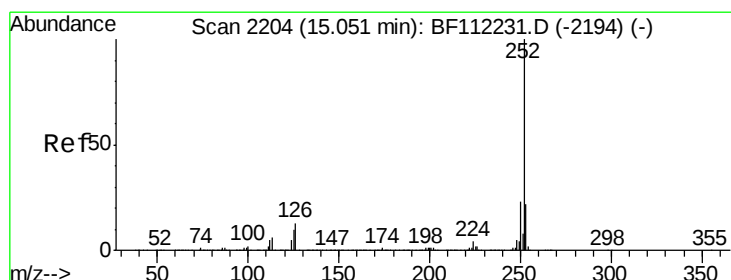
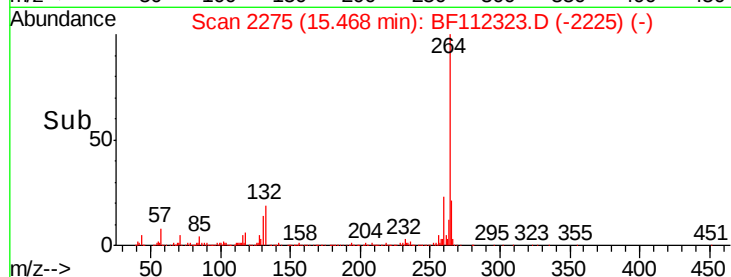
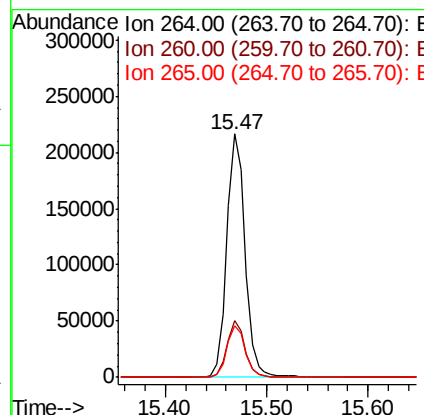
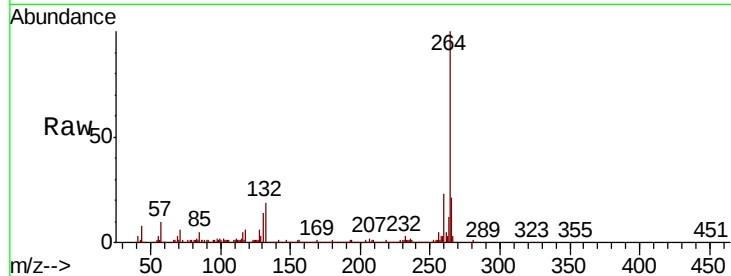
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	21.1	17.0	25.4

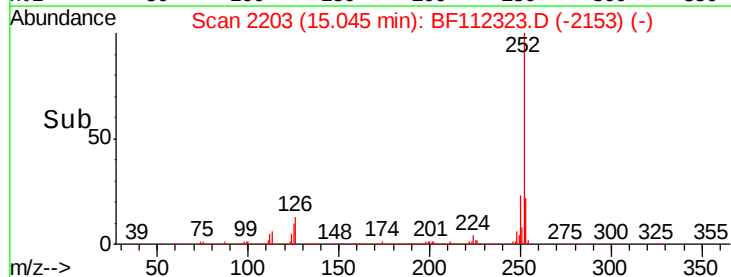
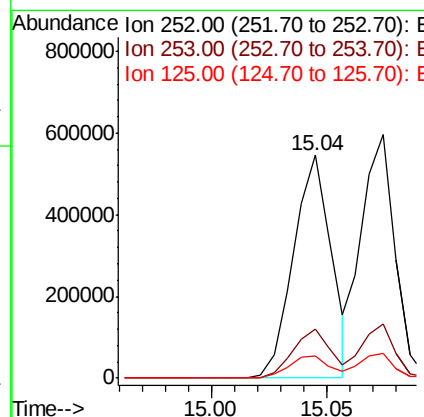
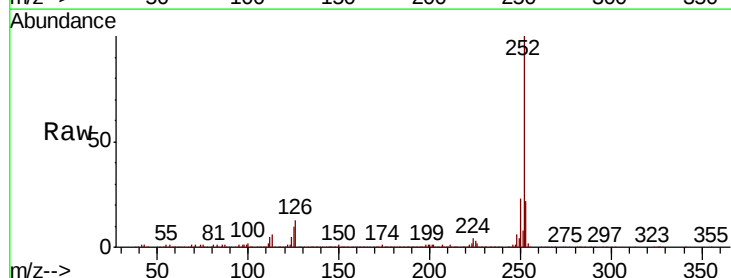
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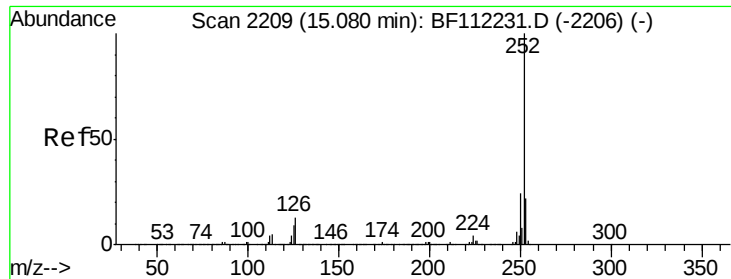
mohammad
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#88
Benzo(b)fluoranthene
Concen: 38.160 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.1	8.7	13.1





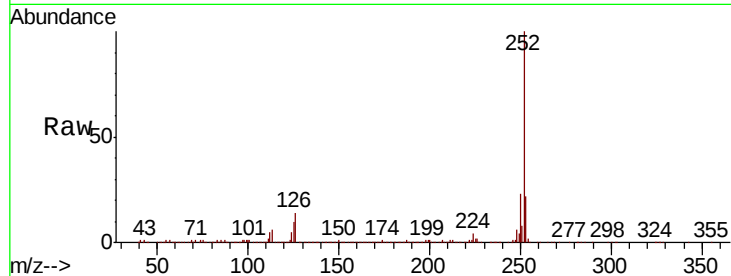
#89
Benzo(k)fluoranthene
Concen: 39.247 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.2	9.1	13.7

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2/1/2019 12:06:23 AM

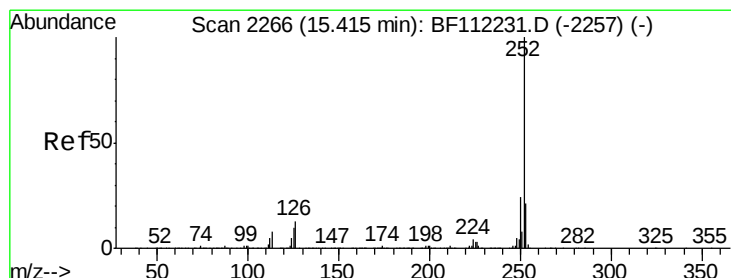
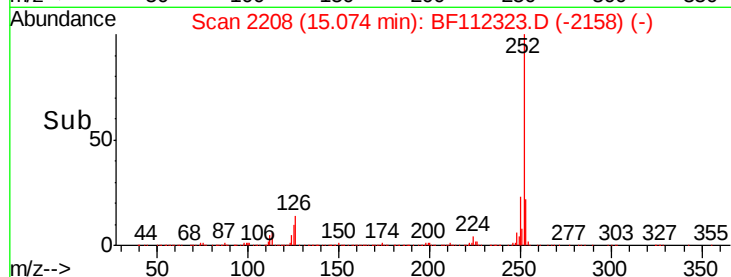
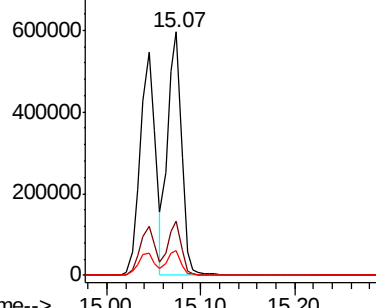


Abundance

Ion 252.00 (251.70 to 252.70): E

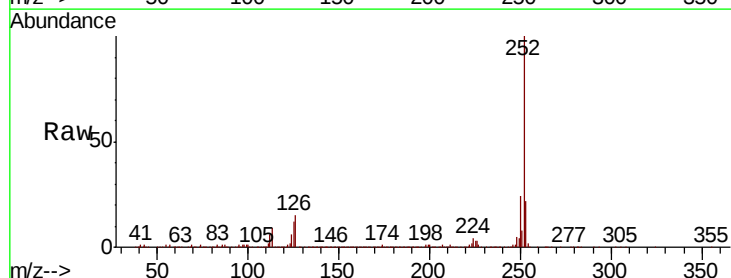
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 40.983 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.9	9.0	13.4

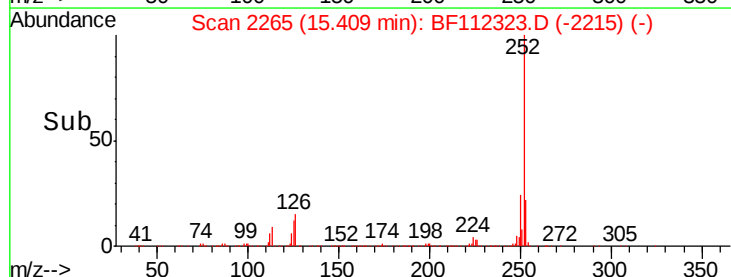
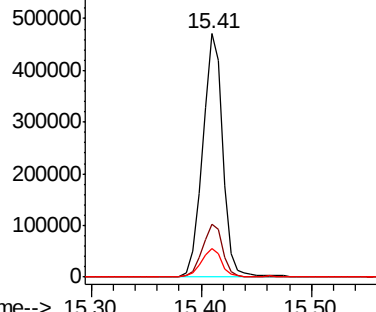


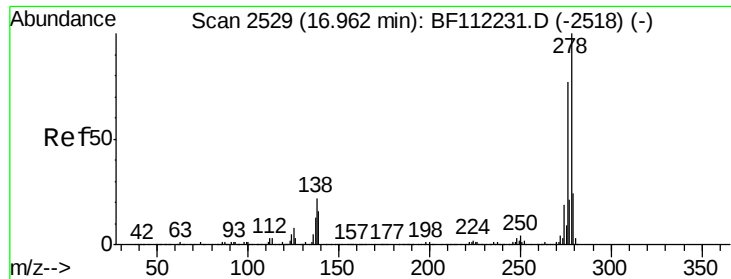
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





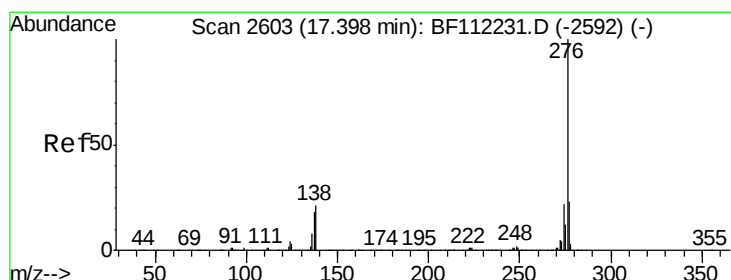
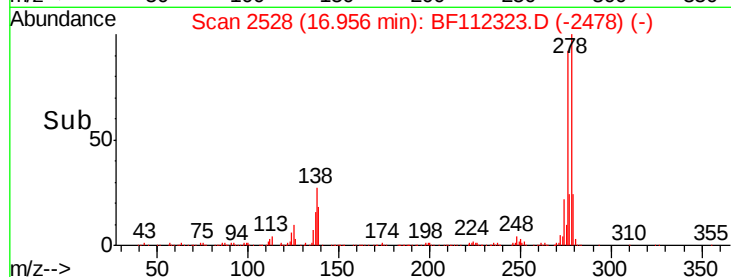
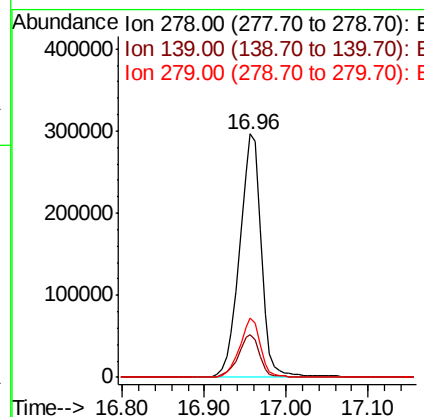
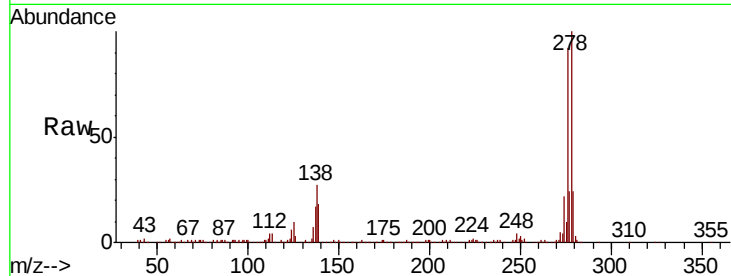
#91
Dibenzo(a,h)anthracene
Concen: 46.298 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.7	20.5
279	24.5	19.0	28.6

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 47.970 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.0
138	23.6	19.1	28.7

