

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120930.D
 Acq On : 20 Jul 2020 13:25
 Operator : JU/CG
 Sample : PB130296BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

Manual Integrations
 APPROVED

mohammad
 7/21/2020 11:32:31 AM

Quant Time: Jul 20 15:11:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	178268	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	677563	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	347414	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	648379	20.00	ng	0.00
76) Chrysene-d12	13.98	240	507782	20.00	ng	0.00
86) Perylene-d12	15.42	264	516227	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1121670	103.15	ng	0.02
7) Phenol-d6	6.45	99	1386816	98.73	ng	0.00
23) Nitrobenzene-d5	7.38	82	863414	73.73	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	404327	106.32	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1587868	68.24	ng	0.00
79) Terphenyl-d14	12.93	244	1572985	67.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	175998	35.167	ng	99
3) Pyridine	3.35	79	495227	37.198	ng	98
4) n-Nitrosodimethylamine	3.30	42	232649	40.866	ng	96
6) Aniline	6.48	93	602573	32.863	ng	98
8) 2-Chlorophenol	6.60	128	514956	42.987	ng	98
9) Benzaldehyde	6.36	77	129322	15.604	ng	99
10) Phenol	6.46	94	625007	40.449	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	484415	40.906	ng	98
12) 1,3-Dichlorobenzene	6.76	146	517536	39.841	ng	99
13) 1,4-Dichlorobenzene	6.83	146	524832	40.632	ng	99
14) 1,2-Dichlorobenzene	6.99	146	506689	41.465	ng	99
15) Benzyl Alcohol	6.96	79	400103	40.277	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	686670	40.230	ng	99
17) 2-Methylphenol	7.07	107	406185	38.255	ng	99
18) Hexachloroethane	7.33	117	194300	41.561	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	316783	39.660	ng	97
20) 3+4-Methylphenols	7.22	107	460204	34.072	ng	94
22) Acetophenone	7.23	105	617085	40.580	ng	# 93
24) Nitrobenzene	7.40	77	515998	40.885	ng	99
25) Isophorone	7.64	82	937621	40.121	ng	97
26) 2-Nitrophenol	7.72	139	263214	43.913	ng	98
27) 2,4-Dimethylphenol	7.76	122	427052	43.881	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	603594	42.311	ng	100
29) 2,4-Dichlorophenol	7.96	162	420700	42.304	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	450469	40.828	ng	98
31) Naphthalene	8.12	128	1398176	40.229	ng	99
32) Benzoic acid	7.88	122	294383	40.296	ng	98
33) 4-Chloroaniline	8.17	127	387905	25.019	ng	99
34) Hexachlorobutadiene	8.24	225	260451	40.044	ng	100
35) Caprolactam	8.55	113	128738m	40.368	ng	
36) 4-Chloro-3-methylphenol	8.66	107	428277	41.991	ng	95
37) 2-Methylnaphthalene	8.82	142	949997	42.097	ng	100
38) 1-Methylnaphthalene	8.92	142	896803	41.959	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	413514	40.852	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	493663	88.244	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	312290	43.818	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	328479	40.632	nq	99
46) 1,1'-Biphenyl	9.28	154	1113204	42.007	nq	99
47) 2-Chloronaphthalene	9.30	162	882351	40.838	nq	98
48) 2-Nitroaniline	9.40	65	269656	41.298	nq	96
49) Acenaphthylene	9.72	152	1381397	41.155	nq	100
50) Dimethylphthalate	9.58	163	1028324	41.028	nq	99
51) 2,6-Dinitrotoluene	9.64	165	233714	43.403	nq	94
52) Acenaphthene	9.89	154	944749m	44.271	nq	
53) 3-Nitroaniline	9.80	138	178244	26.393	nq	97
54) 2,4-Dinitrophenol	9.92	184	233919	75.858	nq	87
55) Dibenzofuran	10.06	168	1243807	40.305	nq	99
56) 4-Nitrophenol	9.97	139	412997	80.505	nq	96
57) 2,4-Dinitrotoluene	10.05	165	312853	44.243	nq	98
58) Fluorene	10.40	166	904314	39.291	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	280497	45.571	nq	96
60) Diethylphthalate	10.28	149	1033598	40.771	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	450139	36.668	nq	95
62) 4-Nitroaniline	10.42	138	250602	38.094	nq	99
63) Azobenzene	10.56	77	981975	40.687	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	163645	43.960	nq	97
66) n-Nitrosodiphenylamine	10.52	169	875170	42.907	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	301819	41.752	nq	93
68) Hexachlorobenzene	10.95	284	340686	43.567	nq	# 91
69) Atrazine	11.05	200	257600	50.996	nq	100
70) Pentachlorophenol	11.15	266	391152	87.314	nq	99
71) Phenanthrene	11.36	178	1405964	42.162	nq	100
72) Anthracene	11.42	178	1424987	42.557	nq	99
73) Carbazole	11.57	167	1347459	40.549	nq	99
74) Di-n-butylphthalate	11.90	149	1598352	41.681	nq	100
75) Fluoranthene	12.55	202	1536240	41.563	nq	99
77) Benzidine	12.67	184	669237	50.128	nq	100
78) Pyrene	12.78	202	1543914	43.006	nq	99
80) Butylbenzylphthalate	13.40	149	701629	43.841	nq	99
81) Benzo(a)anthracene	13.97	228	1245491	40.505	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	405048	34.916	nq	99
83) Chrysene	14.00	228	1346920	41.683	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	832408	42.180	nq	# 99
85) Di-n-octyl phthalate	14.57	149	1639157	41.749	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1422653	39.626	nq	99
88) Benzo(b)fluoranthene	15.01	252	1387071	44.452	nq	99
89) Benzo(k)fluoranthene	15.04	252	1285651	45.177	nq	100
90) Benzo(a)pyrene	15.37	252	1218144	42.788	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	1175442	40.081	nq	99
92) Benzo(g,h,i)perylene	17.29	276	1128731	39.035	nq	98

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



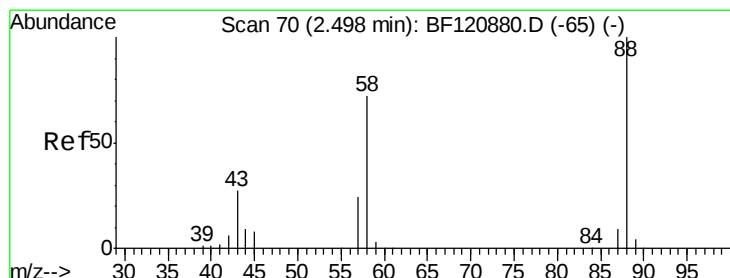
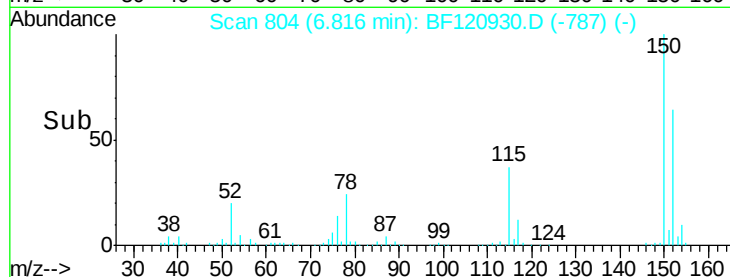
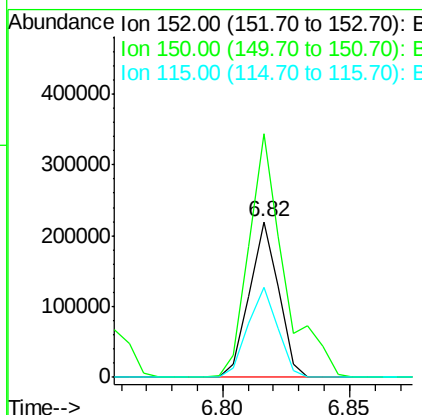
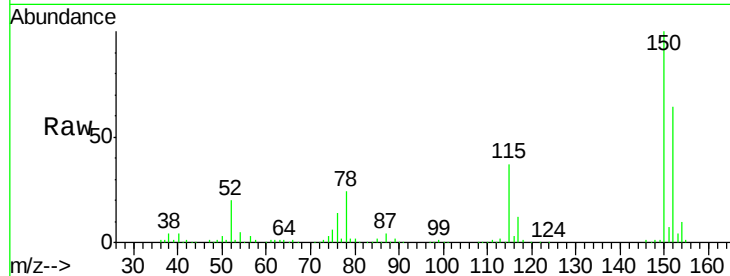
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.0	187.6
115	57.5	47.0	70.4

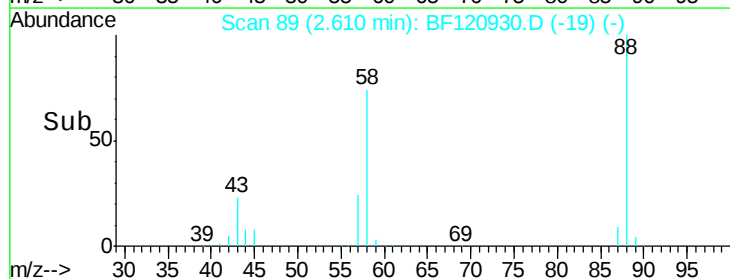
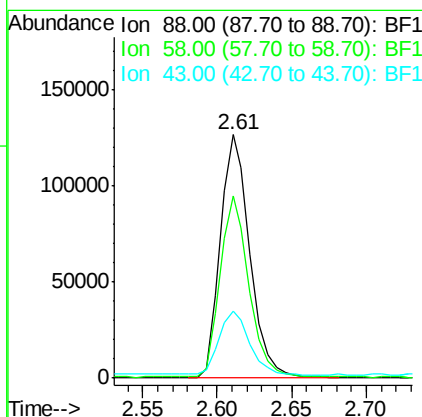
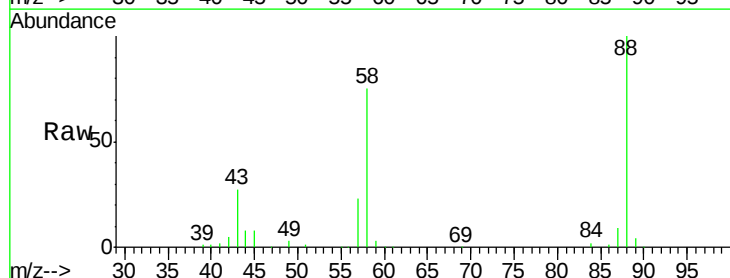
Manual Integrations
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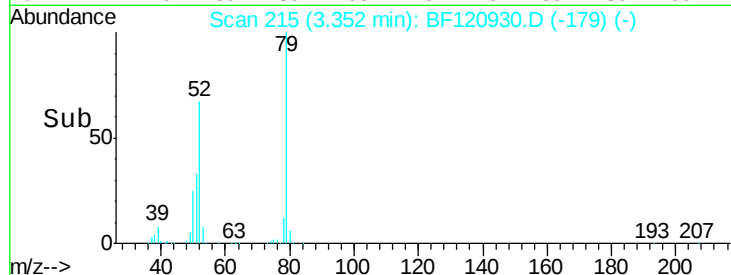
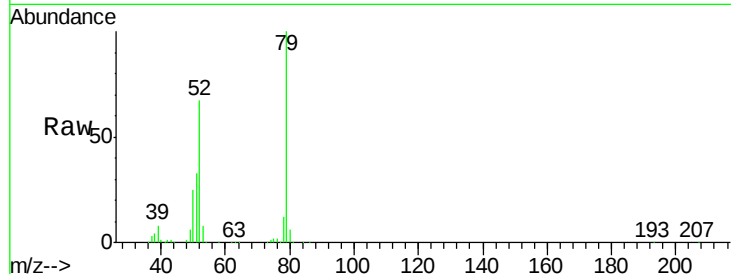
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#2
 1,4-Dioxane
 Concen: 35.167 ng
 RT: 2.61 min Scan# 89
 Delta R.T. 0.11 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	58.2	87.2
43	26.7	22.1	33.1





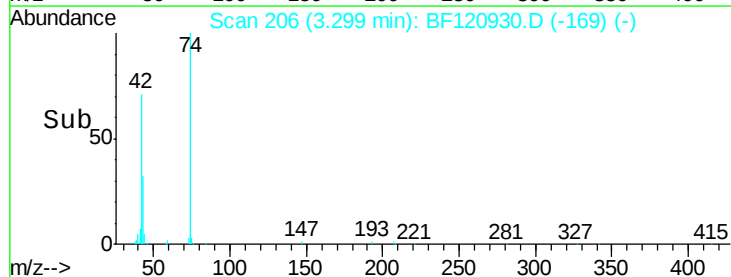
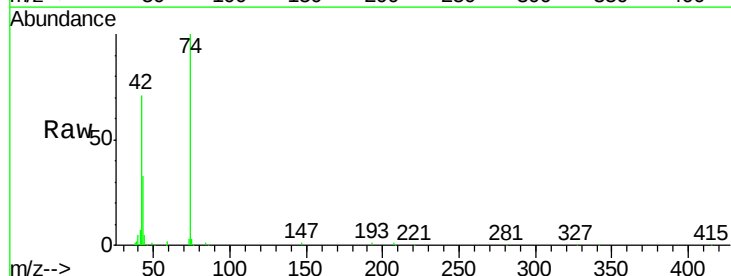
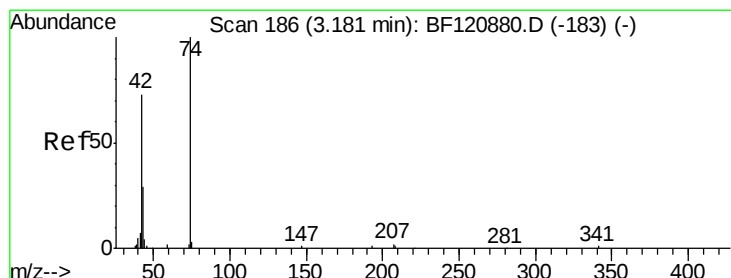
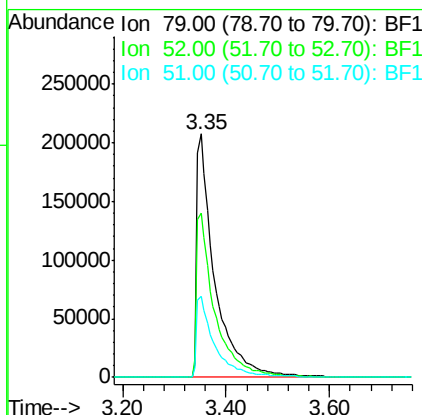
#3
Pvridine
Concen: 37.198 ng
RT: 3.35 min Scan# 215
Delta R.T. 0.11 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.3	55.0	82.6
51	33.1	26.9	40.3

Instrument :
BNA_F
ClientSampled :
PB130296BS

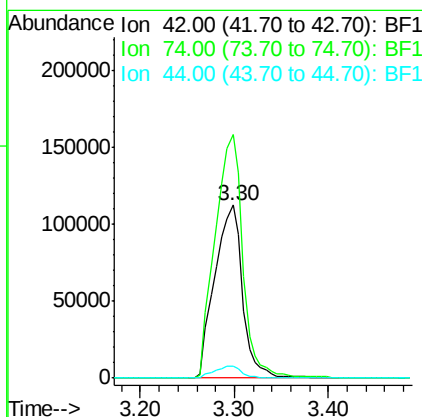
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#4
n-Nitrosodimethylamine
Concen: 40.866 ng
RT: 3.30 min Scan# 206
Delta R.T. 0.12 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.1	108.7	163.1
44	7.3	5.2	7.8





#5

2-Fluorophenol

Concen: 103.149 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

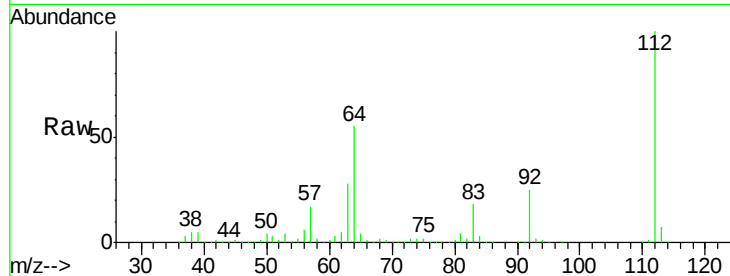
ClientSampleId :

PB130296BS

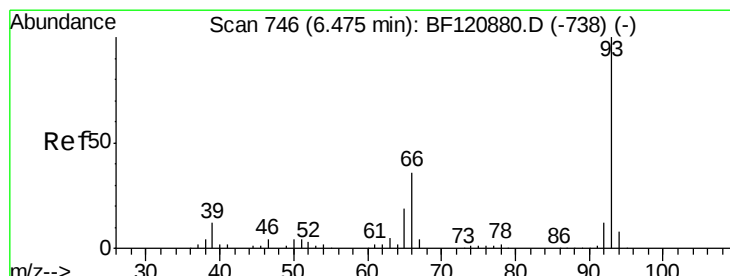
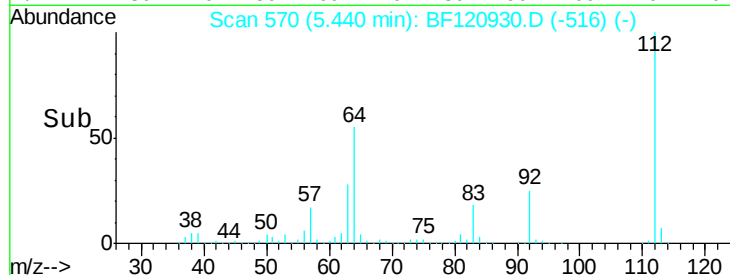
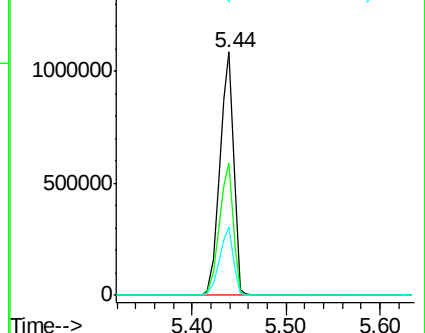
Tot Ion:	112	Resp:	1121670
Ion Ratio	Lower	Upper	
112	100		
64	54.6	41.3	61.9
63	27.9	21.1	31.7

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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: 32.863 ng

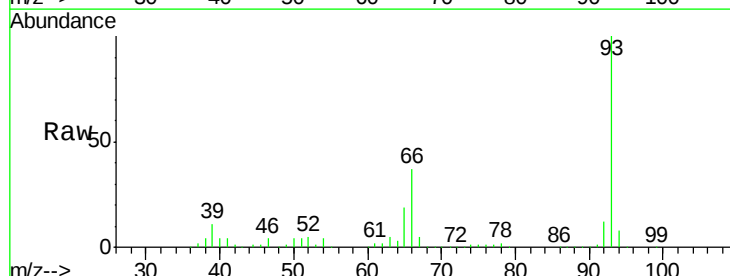
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

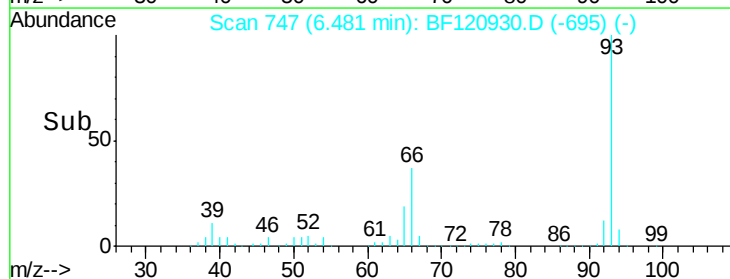
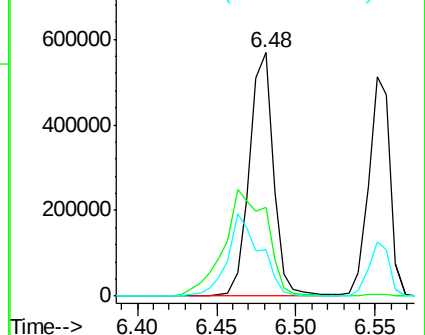
Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion:	93	Resp:	602573
Ion Ratio	Lower	Upper	
93	100		
66	36.5	30.2	45.4
65	19.1	15.8	23.6



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





#7

Phenol-d6

Concen: 98.728 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

ClientSampleId :

PB130296BS

Tot Ion: 99 Resp: 1386816

Ion Ratio Lower Upper

99 100

42 16.8 13.1 19.7

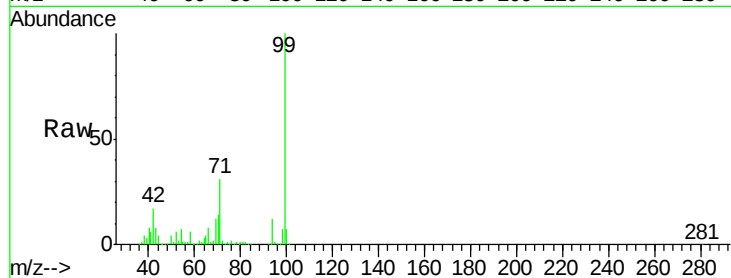
71 31.1 24.2 36.4

Manual Integrations

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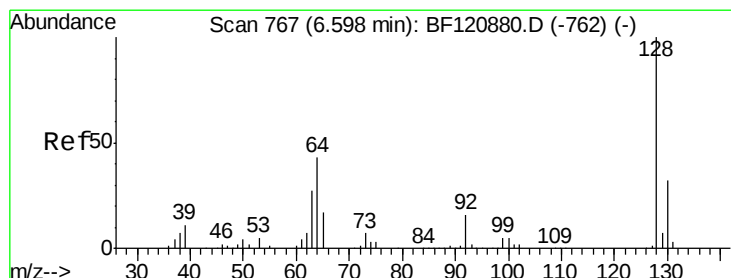
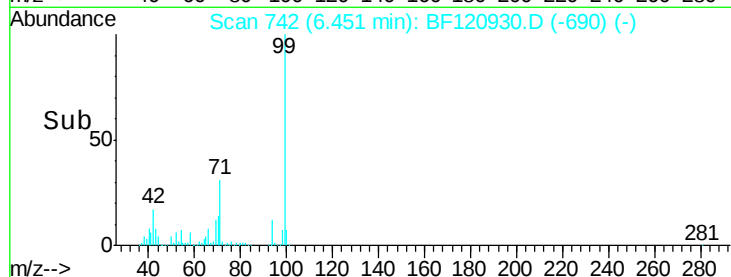
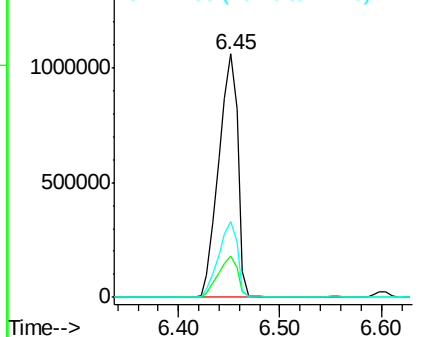
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.987 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

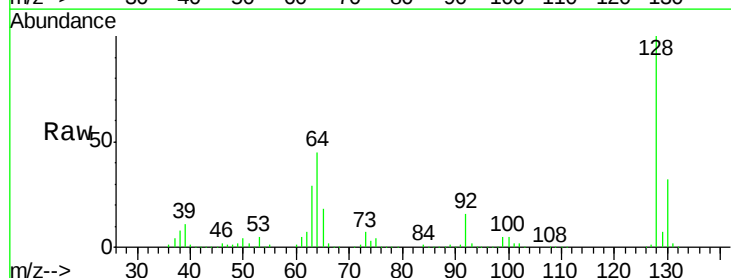
Tgt Ion: 128 Resp: 514956

Ion Ratio Lower Upper

128 100

130 32.5 12.1 52.1

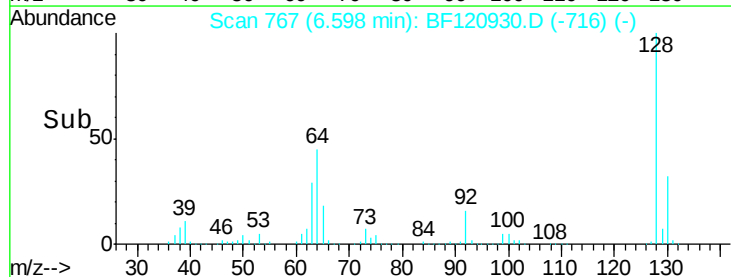
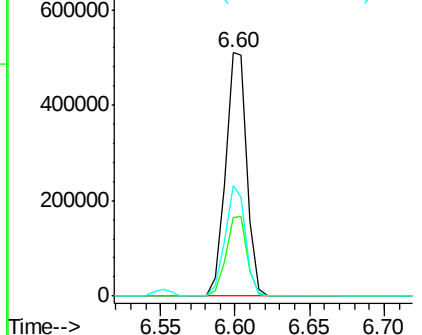
64 45.4 24.0 64.0



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: 15.604 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

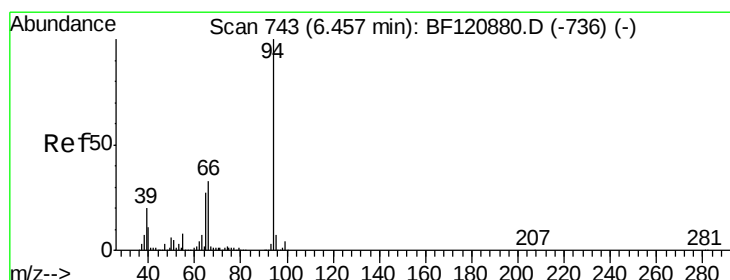
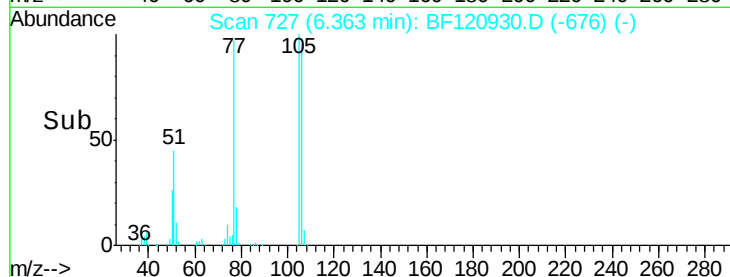
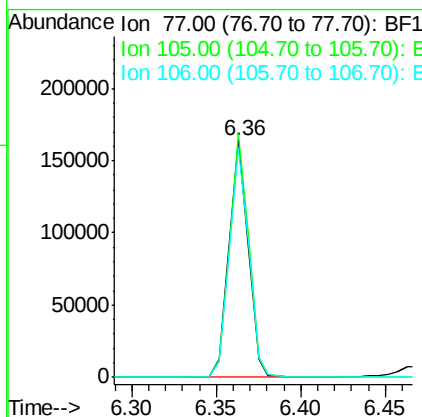
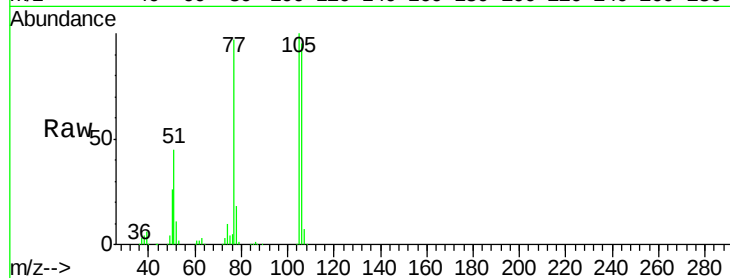
ClientSampleId :

PB130296BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.8	82.5	122.5
106	97.2	78.7	118.7

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#10

Phenol

Concen: 40.449 ng

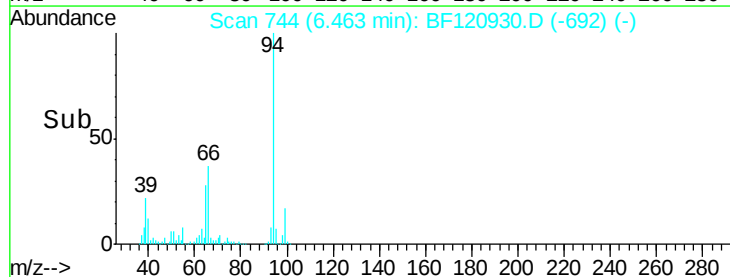
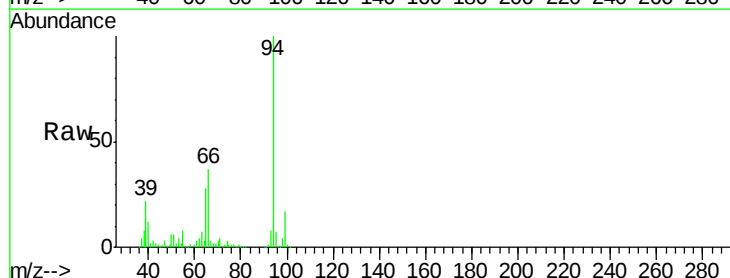
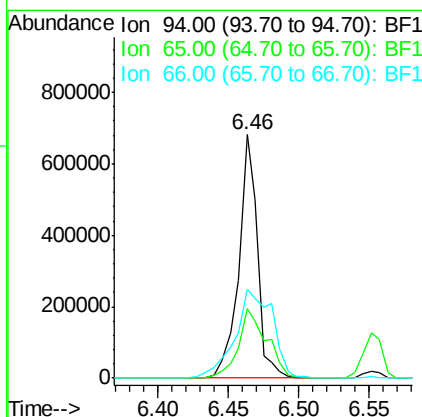
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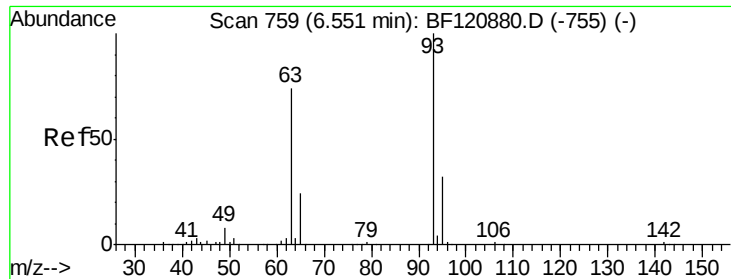
Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.3	6.6	46.6
66	36.6	13.2	53.2





#11

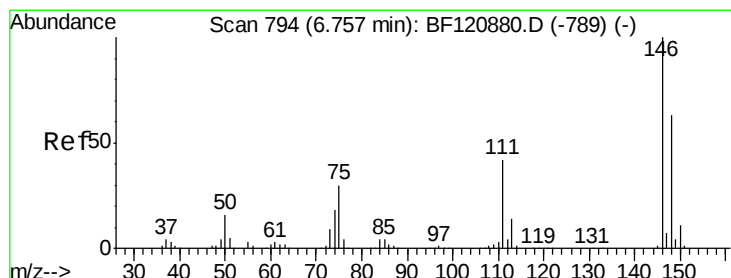
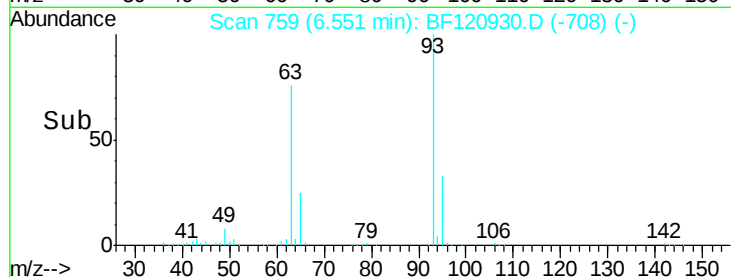
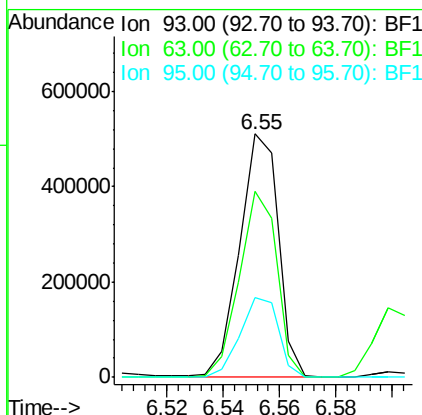
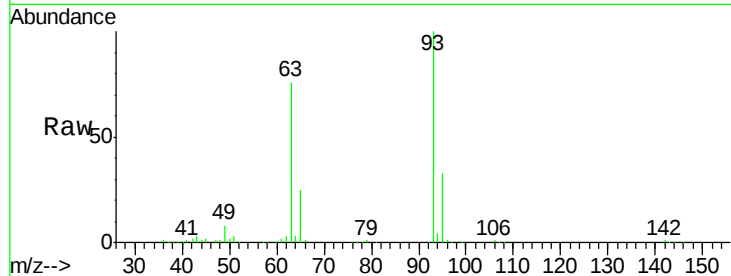
bis(2-Chloroethyl)ether
Concen: 40.906 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	484415		
63	76.3		54.2	94.2
95	32.8		12.2	52.2

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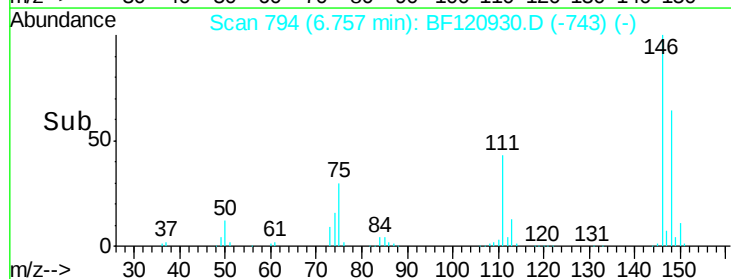
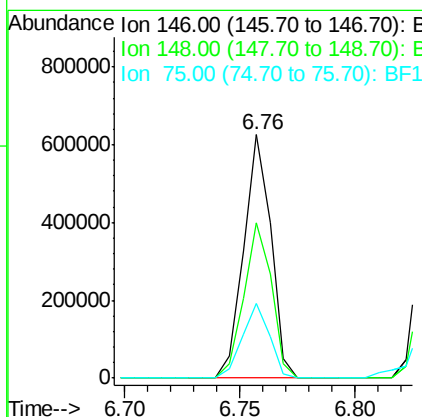
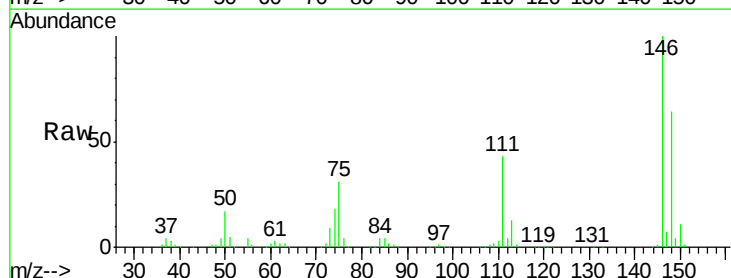
mohammad
7/21/2020 11:32:31 AM

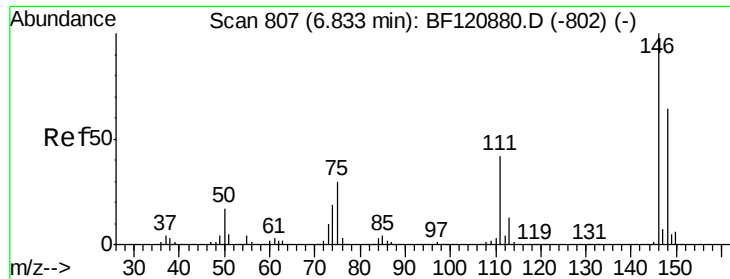


#12

1,3-Dichlorobenzene
Concen: 39.841 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	517536		
148	63.8		50.6	75.8
75	30.6		24.1	36.1





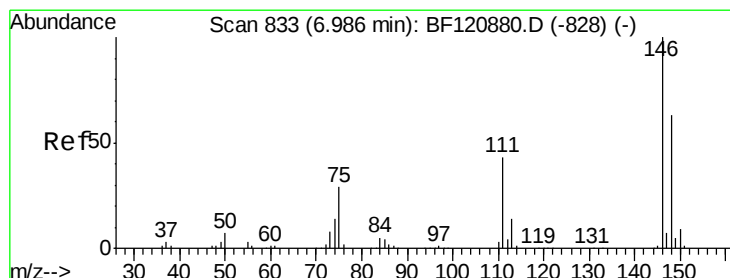
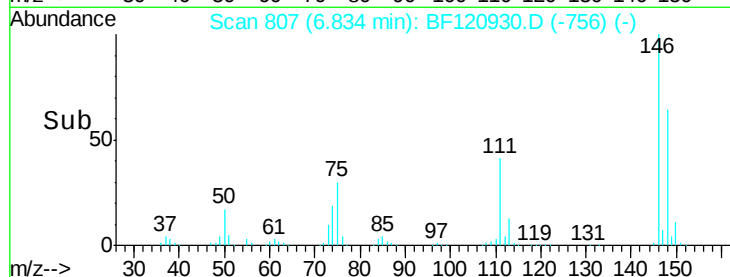
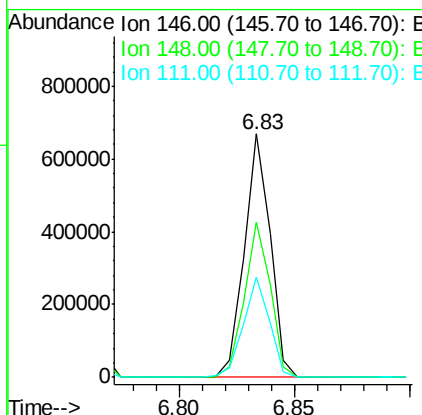
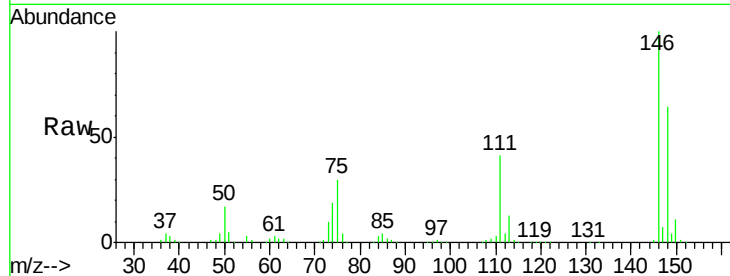
#13
1,4-Dichlorobenzene
Concen: 40.632 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	40.9	33.5	50.3

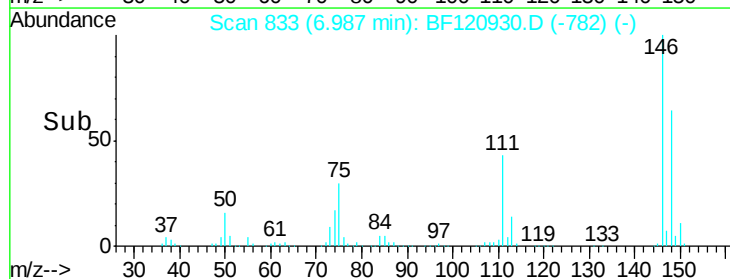
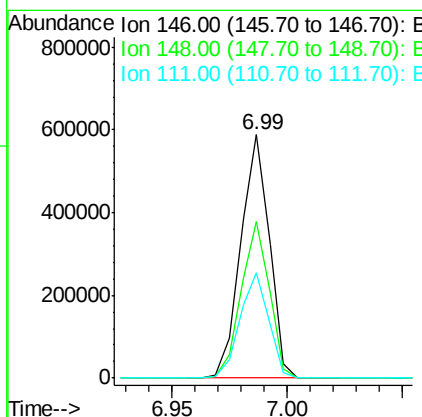
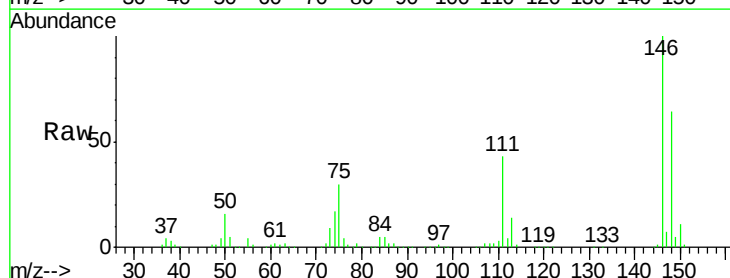
Manual Integrations
APPROVED

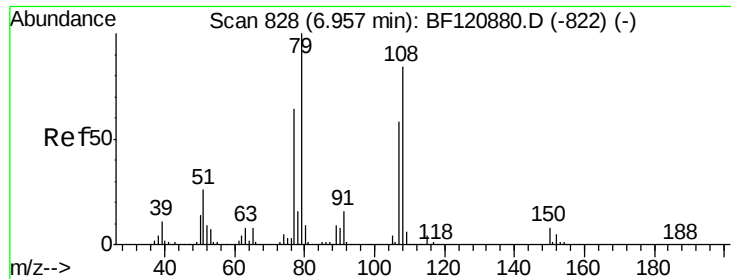
mohammad
7/21/2020 11:32:31 AM



#14
1,2-Dichlorobenzene
Concen: 41.465 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	76.0
111	43.4	34.2	51.2





#15

Benzyl Alcohol

Concen: 40.277 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

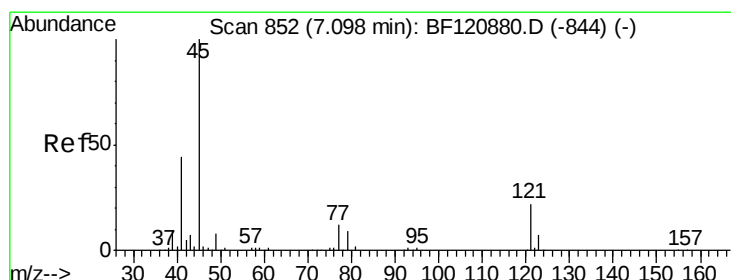
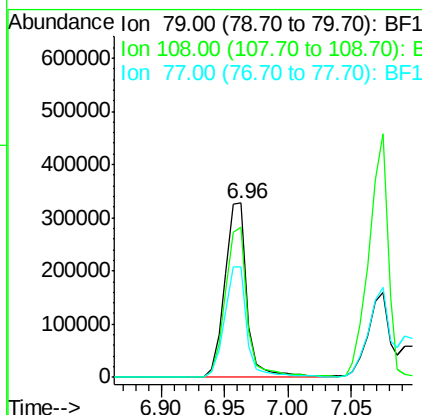
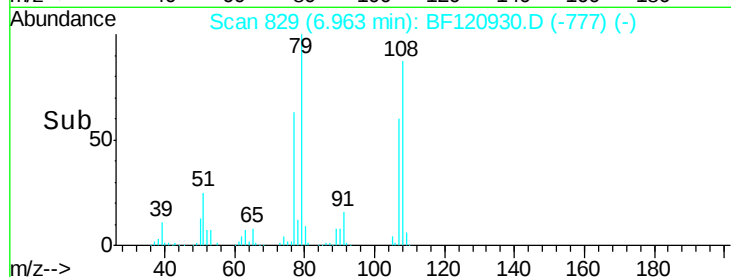
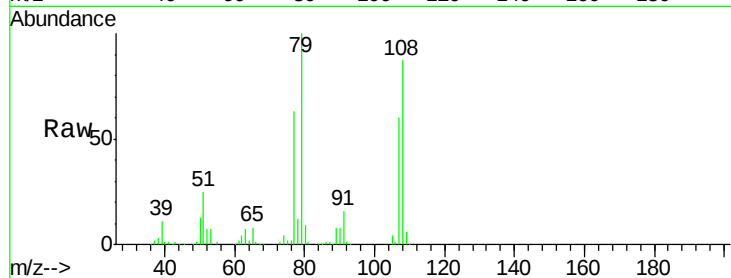
ClientSampleId :

PB130296BS

Tot Ion:	79	Resp:	400103
Ion	Ratio	Lower	Upper
79	100		
108	86.6	67.0	100.6
77	63.3	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.230 ng

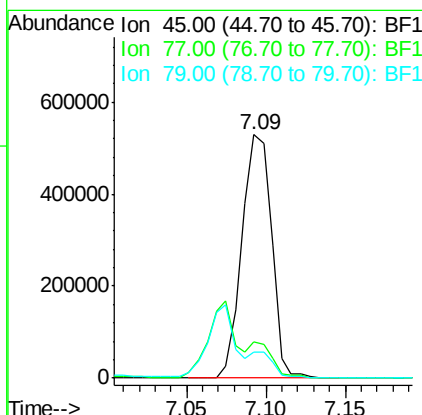
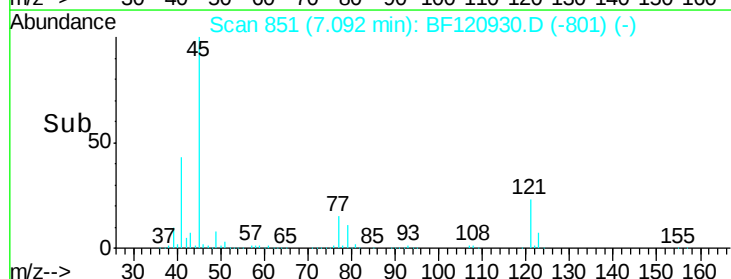
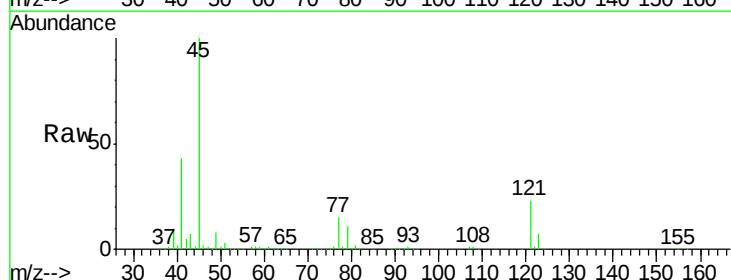
RT: 7.09 min Scan# 851

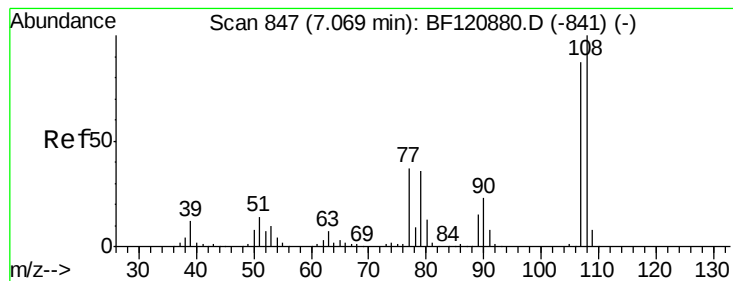
Delta R.T. -0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion:	45	Resp:	686670
Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	34.3
79	10.9	0.0	31.0





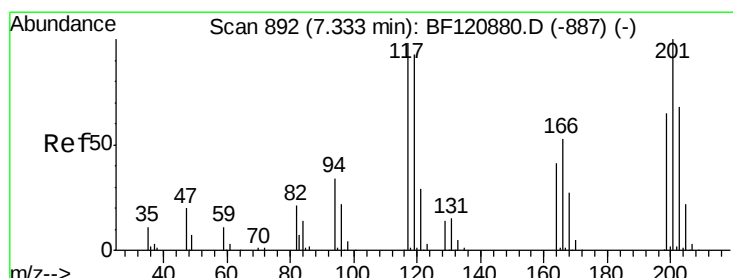
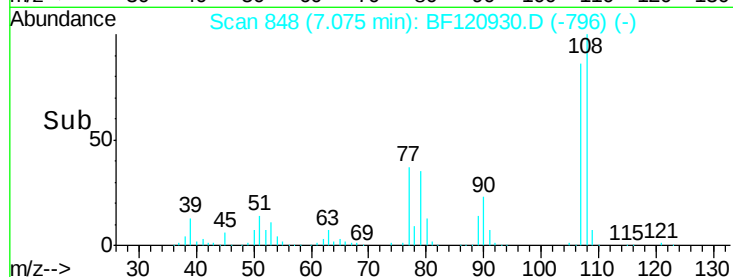
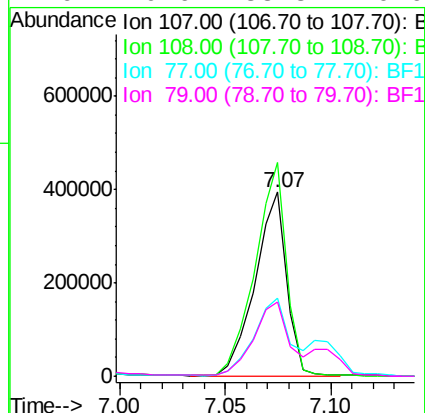
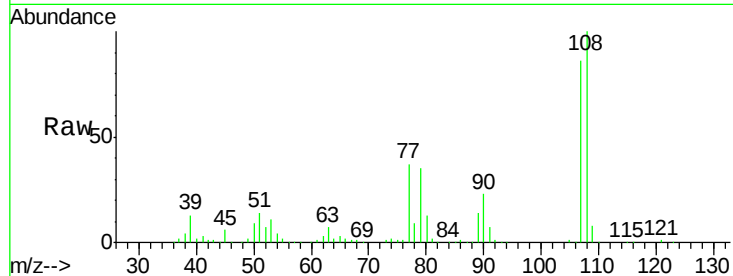
#17
2-Methylphenol
Concen: 38.255 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	92.0	138.0	
77	42.7	34.0	51.0	
79	40.6	33.3	49.9	

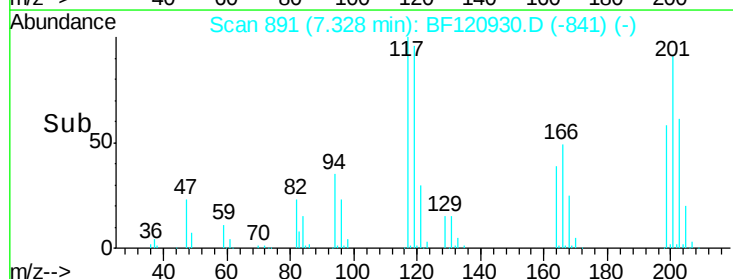
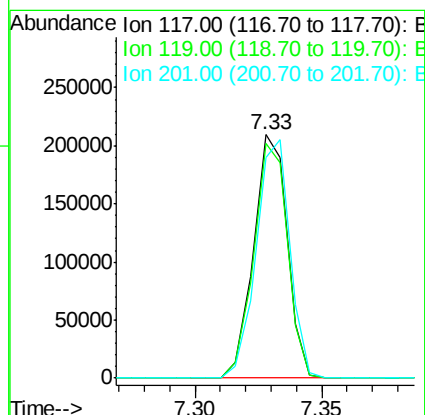
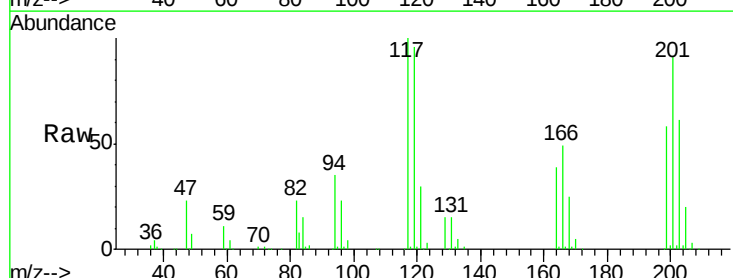
Manual Integrations
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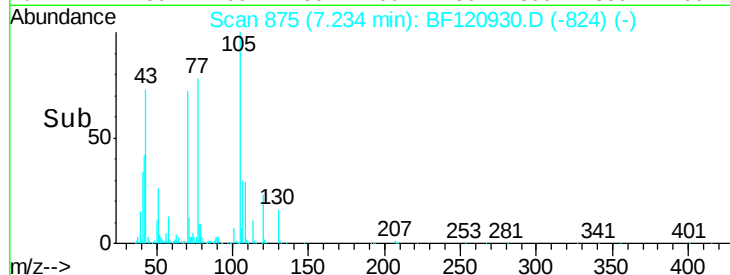
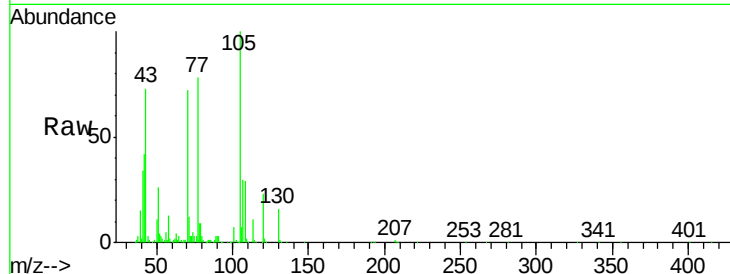
mohammad
7/21/2020 11:32:31 AM



#18
Hexachloroethane
Concen: 41.561 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.0	114.0	
201	90.7	81.7	122.5	





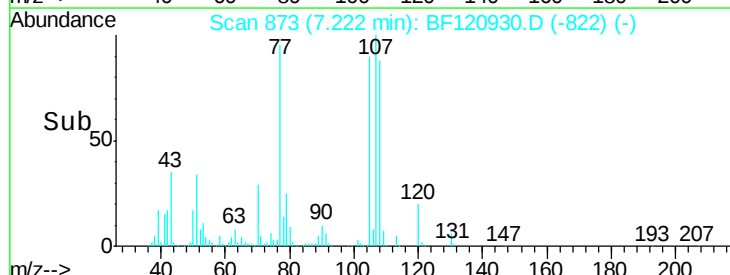
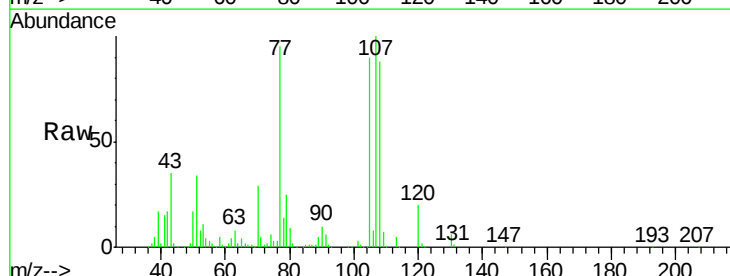
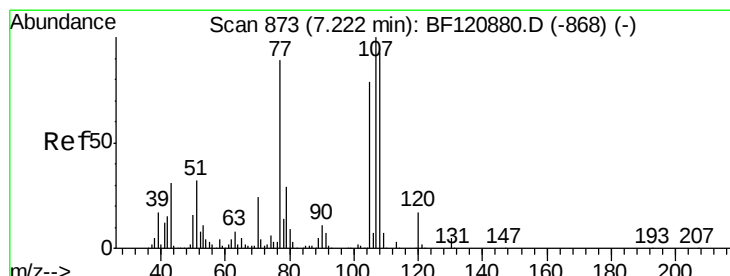
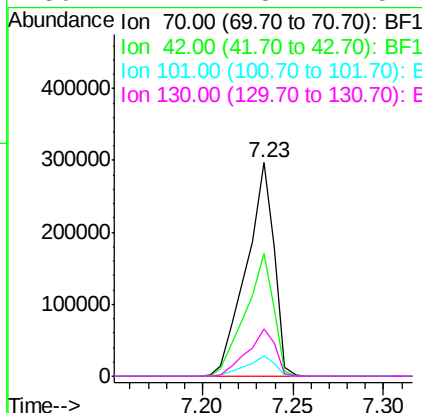
#19
n-Nitroso-di-n-propylamine
Concen: 39.660 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.6	44.0	66.0	
101	9.6	7.8	11.6	
130	22.4	18.7	28.1	

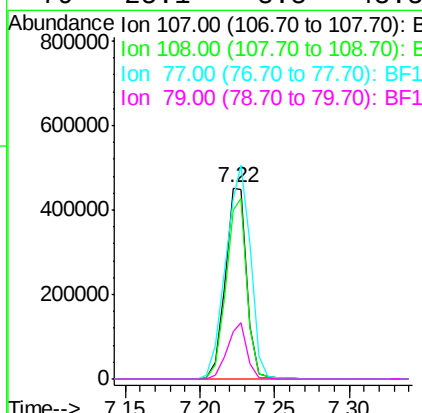
Manual Integrations
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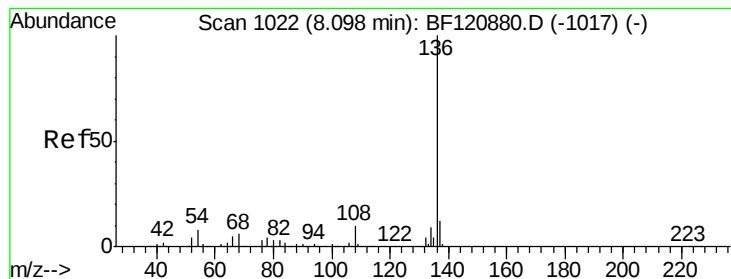
mohammad
7/21/2020 11:32:31 AM



#20
3+4-Methylphenols
Concen: 34.072 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	72.8	112.8	
77	94.5	68.7	108.7	
79	25.1	8.5	48.5	





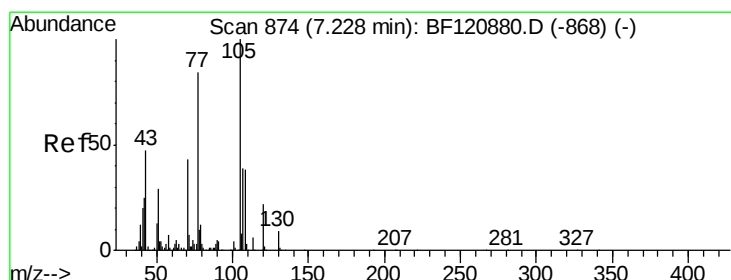
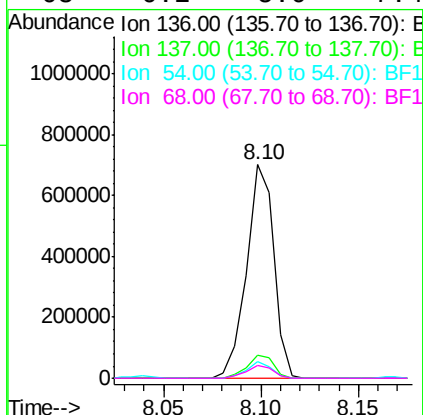
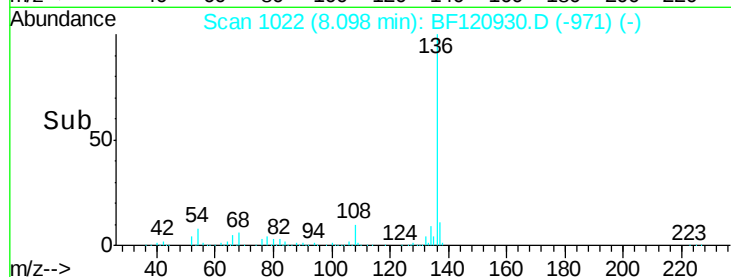
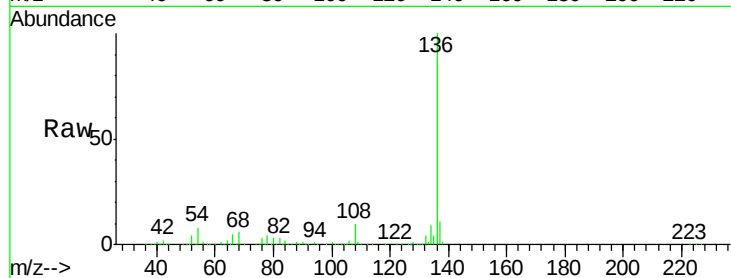
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		677563		
137	11.0		9.3	13.9	
54	7.7		6.3	9.5	
68	6.2		5.0	7.4	

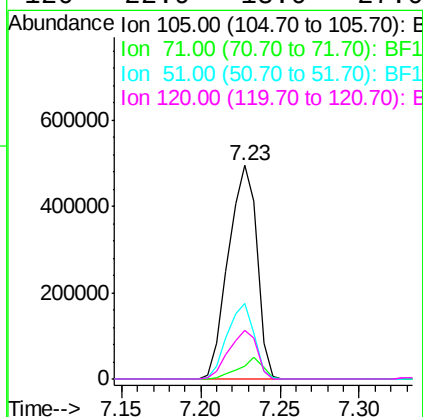
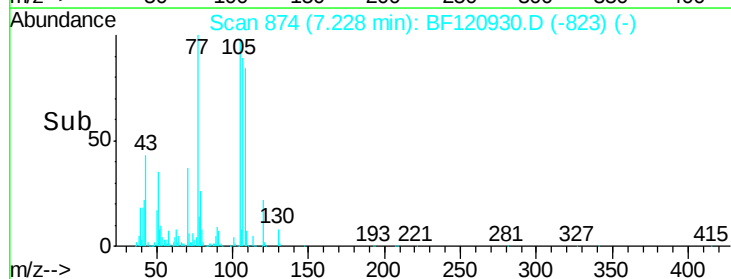
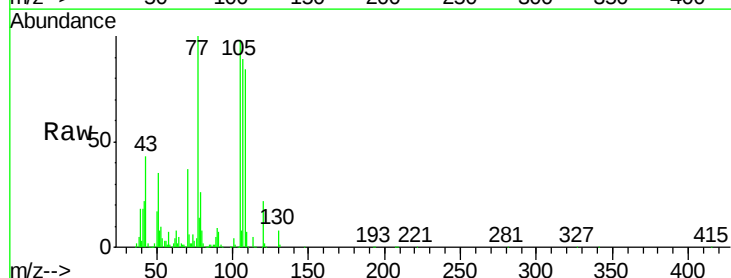
Manual Integrations
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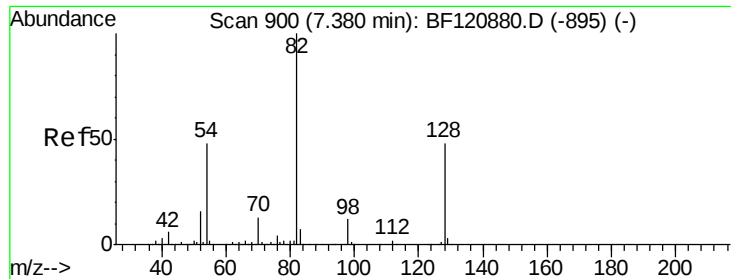
mohammad
7/21/2020 11:32:31 AM



#22
Acetophenone
Concen: 40.580 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		617085		
71	6.2		5.7	8.5	
51	35.5		22.9	34.3	
120	22.9		18.0	27.0	





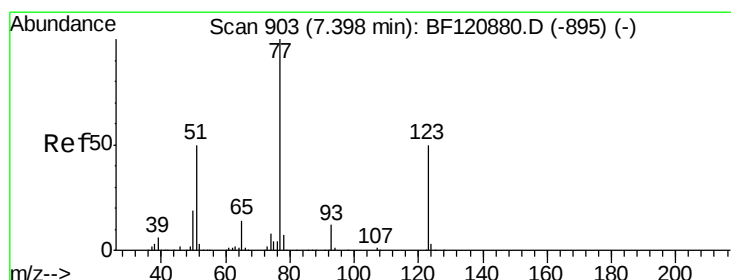
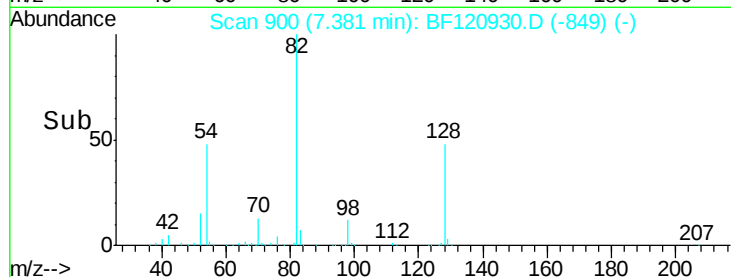
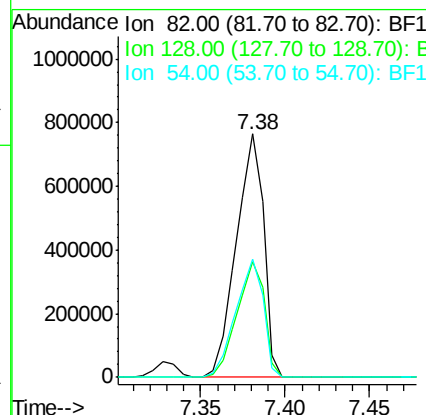
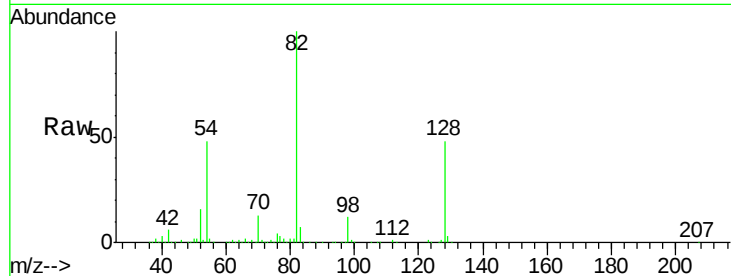
#23
 Nitrobenzene-d5
 Concen: 73.735 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	38.2	57.4
54	48.4	38.7	58.1

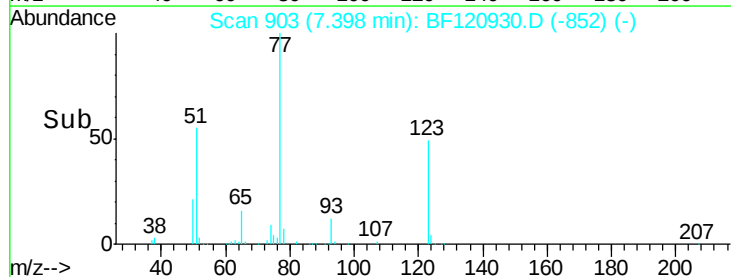
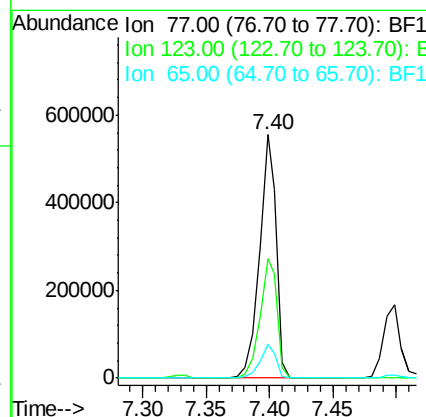
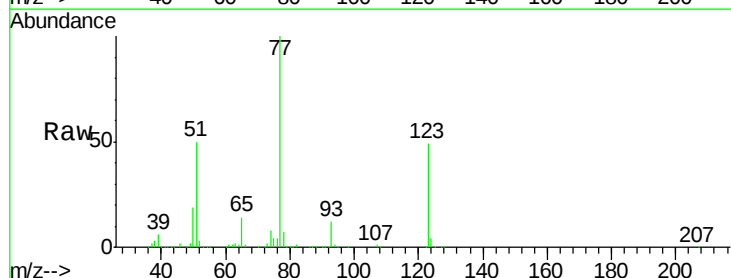
Manual Integrations
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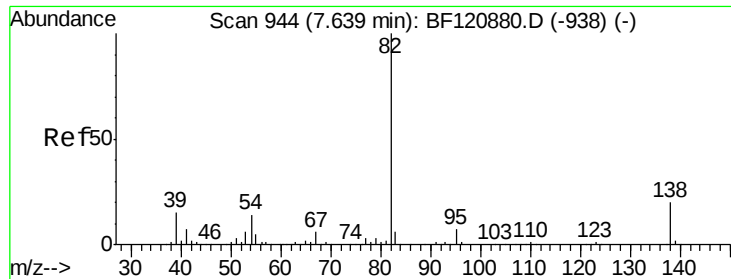
mohammad
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#24
 Nitrobenzene
 Concen: 40.885 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	40.1	60.1
65	13.6	10.8	16.2





#25

Isophorone

Concen: 40.121 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

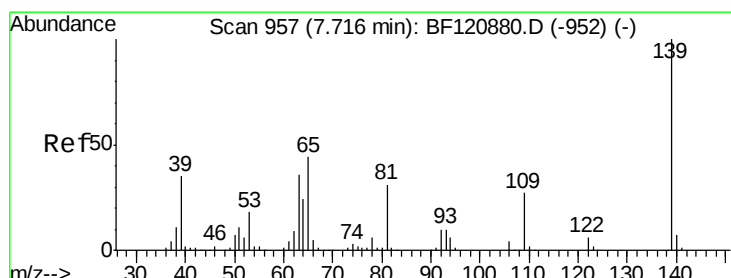
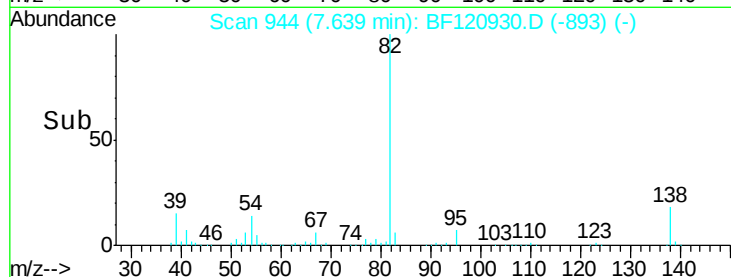
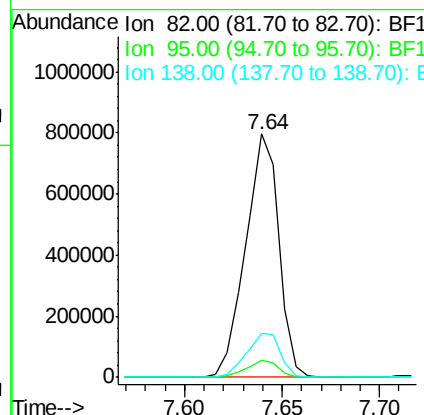
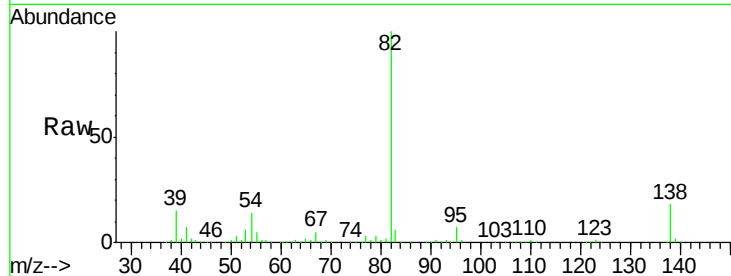
ClientSampleId :

PB130296BS

Tot Ion:	82	Resp:	937621
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	17.9	15.6	23.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.913 ng

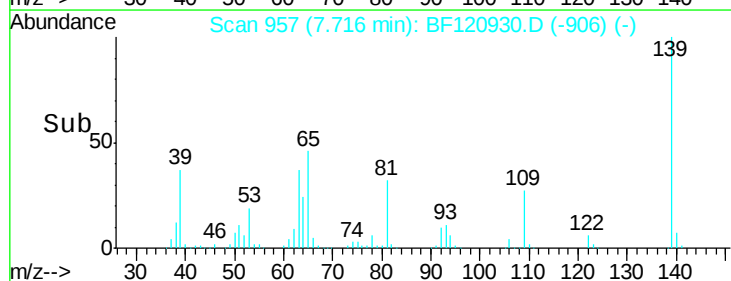
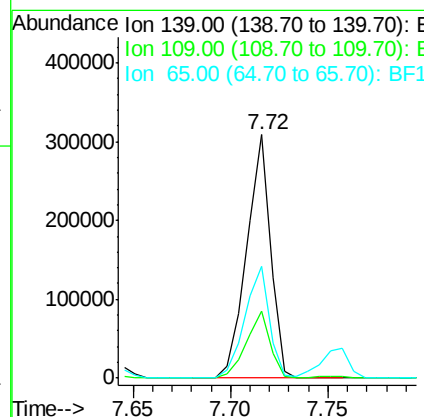
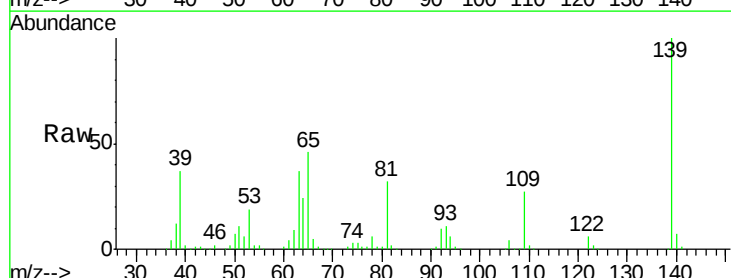
RT: 7.72 min Scan# 957

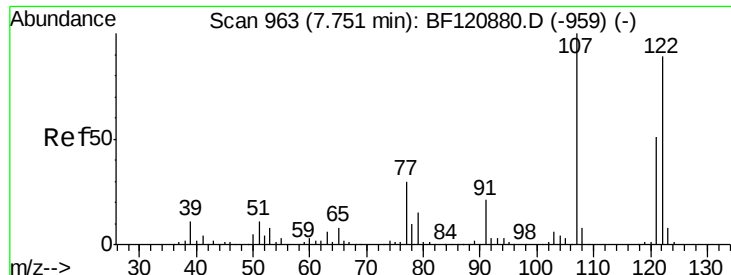
Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion:	139	Resp:	263214
Ion Ratio	Lower	Upper	
139	100		
109	27.3	21.6	32.4
65	46.0	35.3	52.9





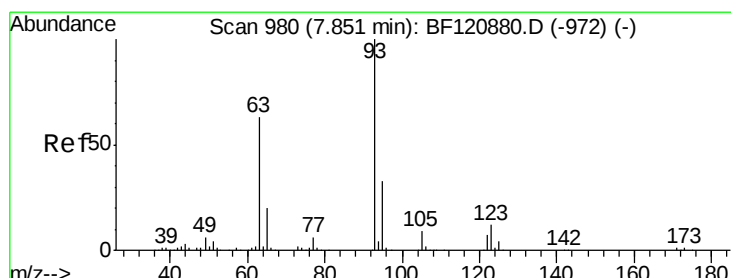
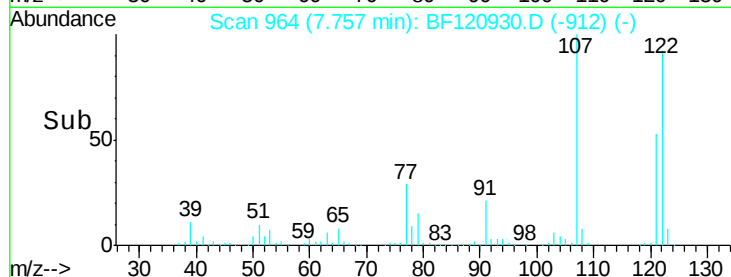
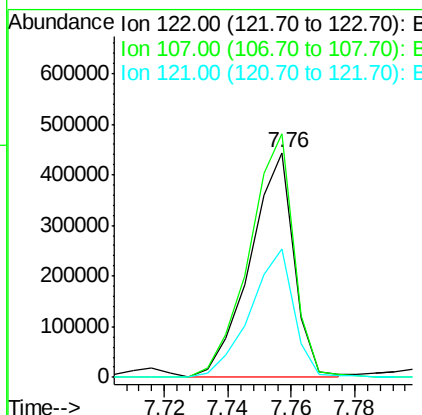
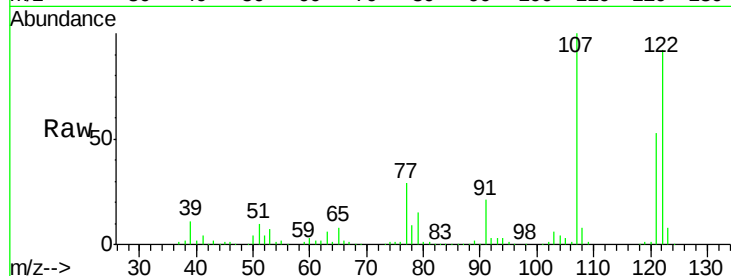
#27
2,4-Dimethylphenol
Concen: 43.881 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.4	89.4	134.0
121	57.4	46.0	69.0

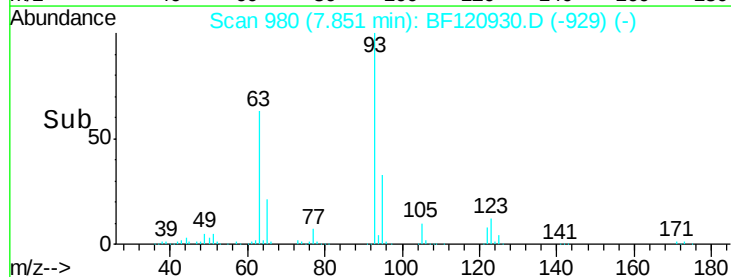
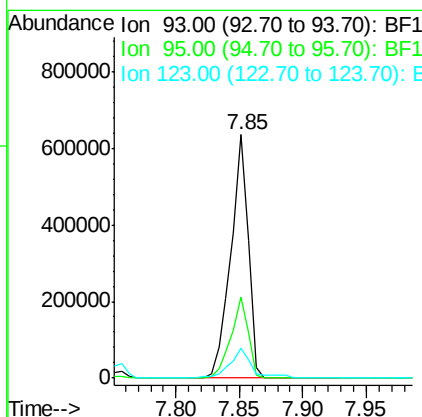
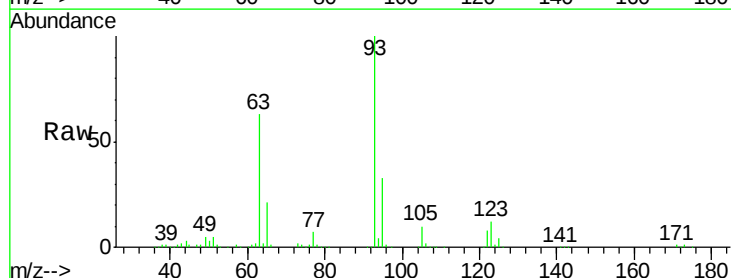
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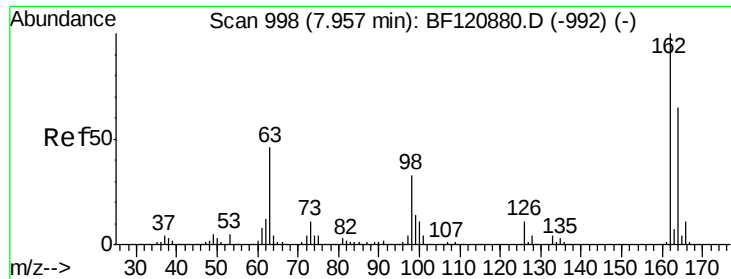
mohammad
7/21/2020 11:32:31 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.311 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	39.8
123	12.1	10.0	15.0





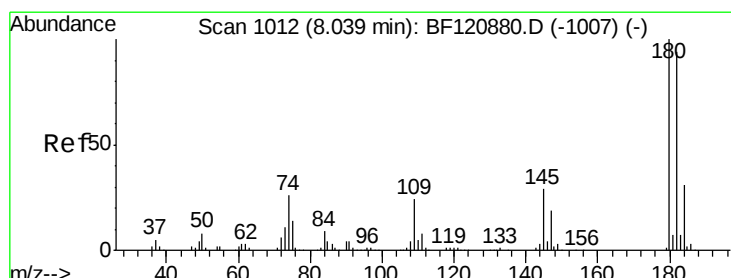
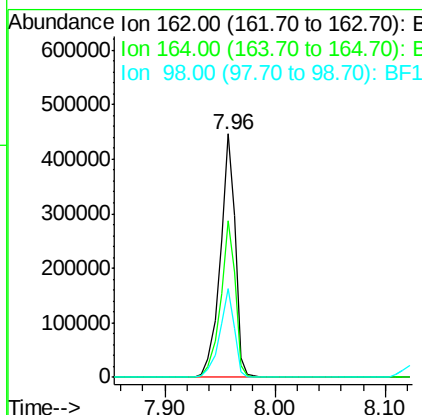
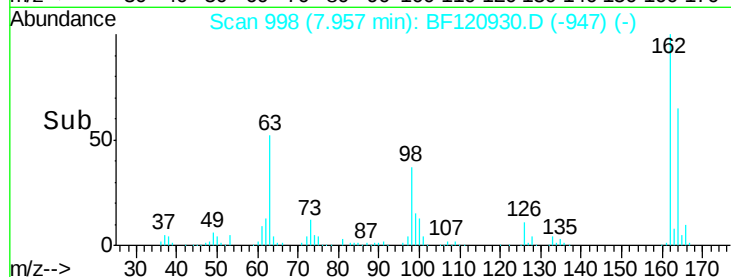
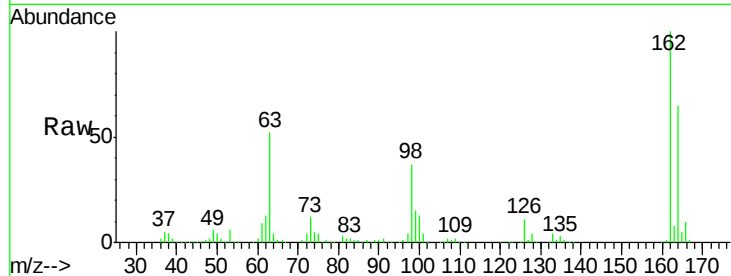
#29
2,4-Dichlorophenol
Concen: 42.304 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	420700		
164	64.5	45.3	85.3	
98	36.6	13.3	53.3	

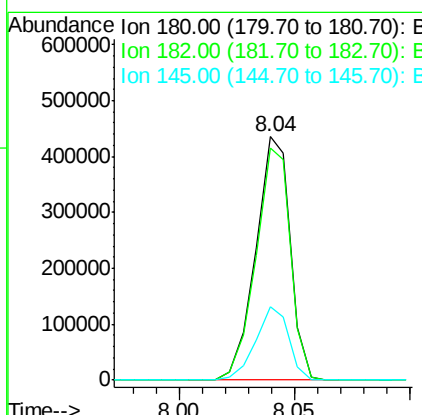
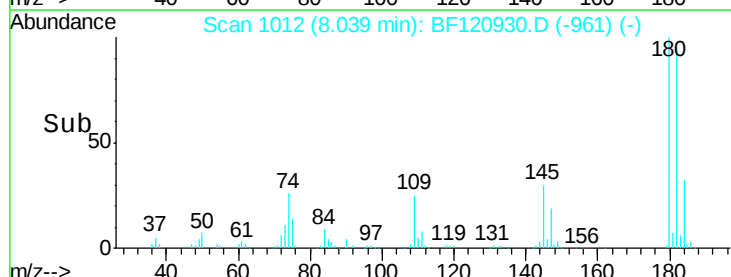
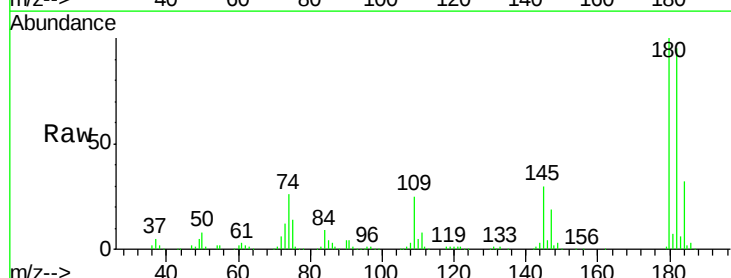
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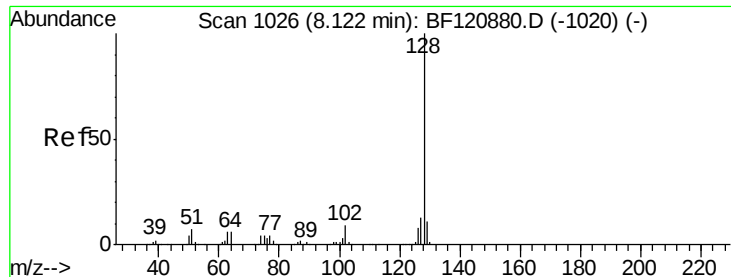
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.828 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	450469		
182	95.4	75.0	112.6	
145	30.3	23.5	35.3	





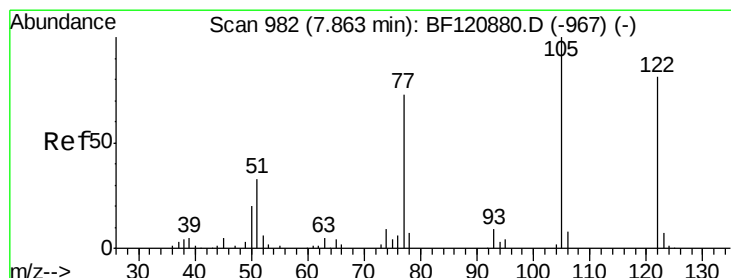
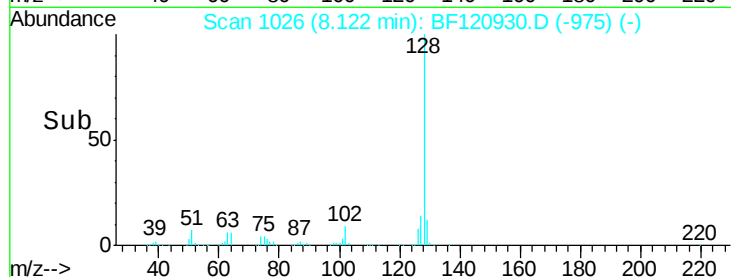
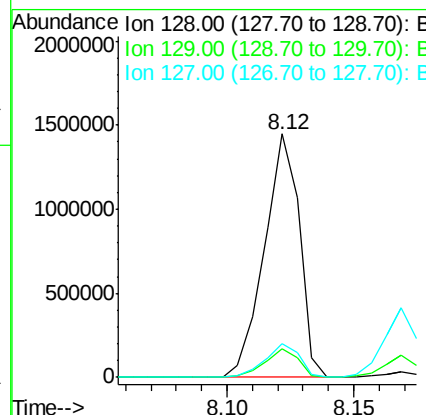
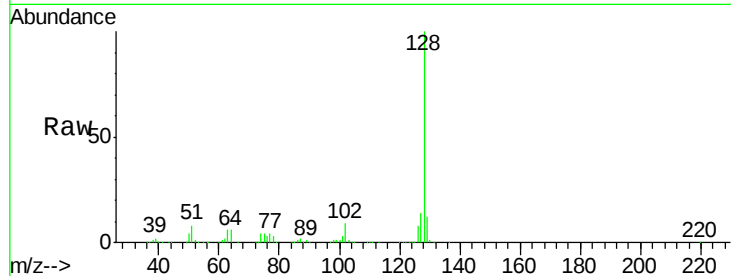
#31
Naphthalene
Concen: 40.229 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.7	10.7	16.1

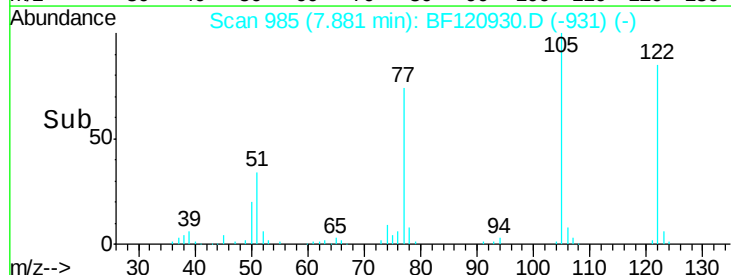
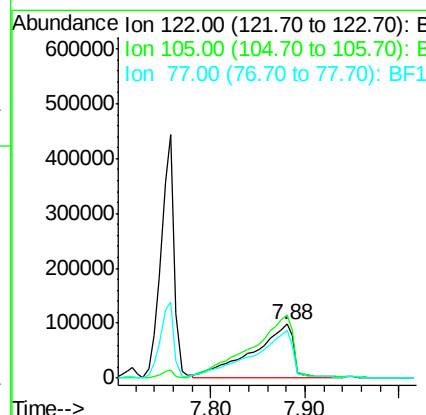
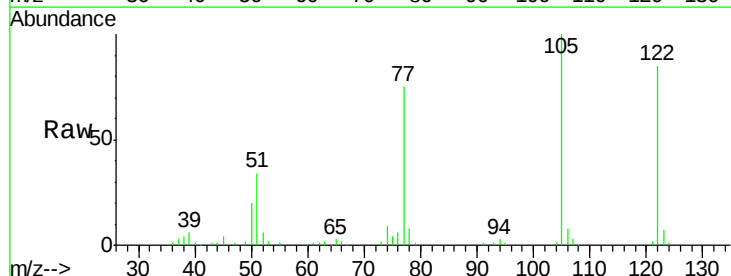
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#32
Benzoic acid
Concen: 40.296 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.02 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.7	101.3	141.3
77	88.5	69.1	109.1





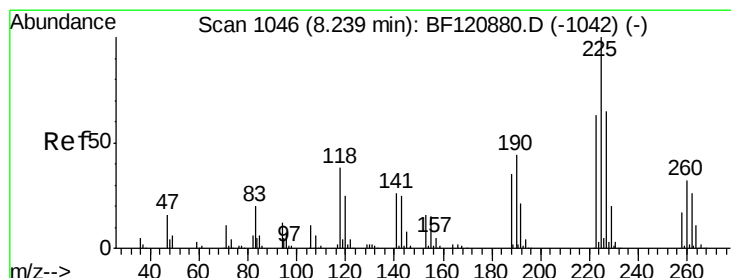
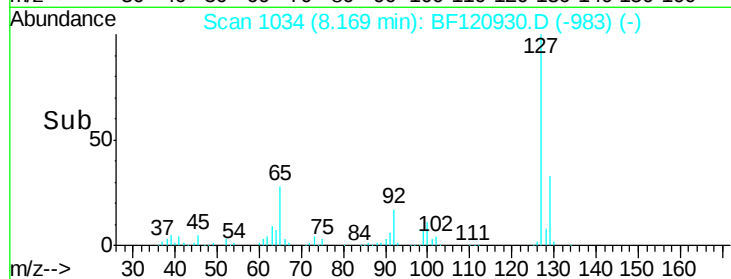
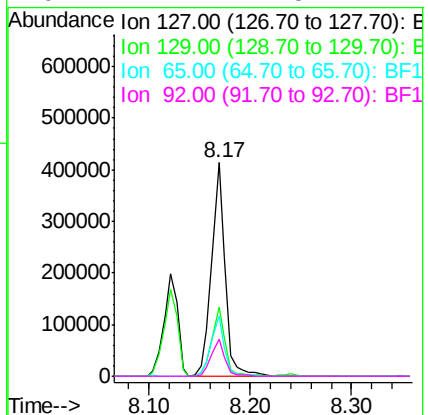
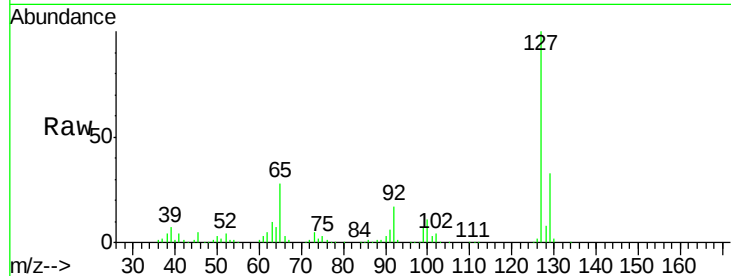
#33
4-Chloroaniline
Concen: 25.019 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.5	39.7		
65	28.3	23.0	34.4		
92	17.4	14.5	21.7		

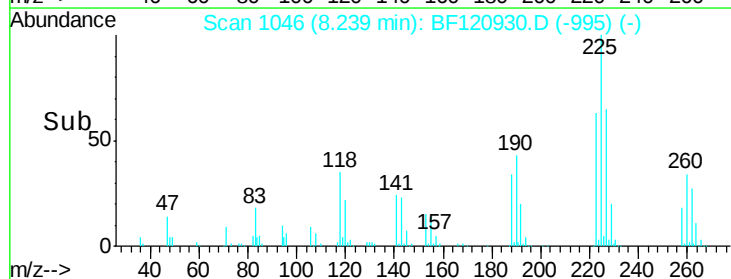
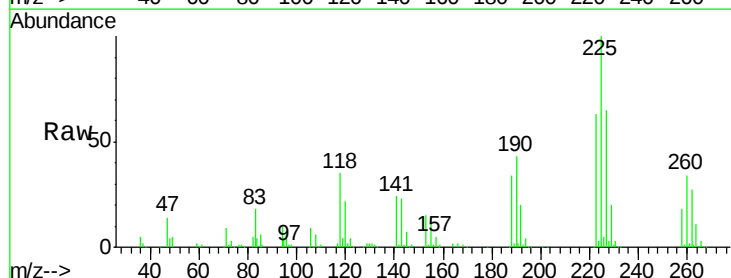
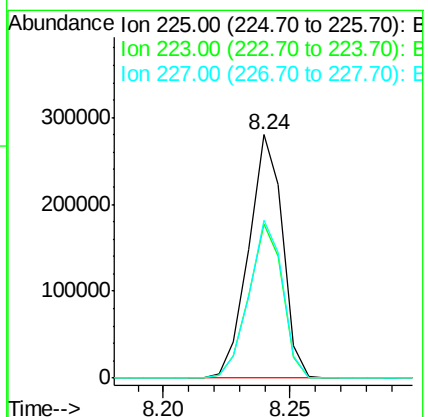
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#34
Hexachlorobutadiene
Concen: 40.044 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.6	76.0		
227	65.1	52.2	78.2		





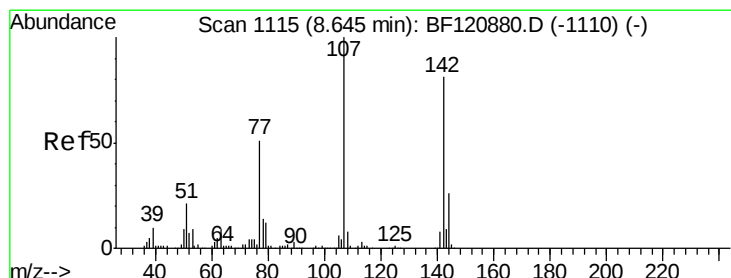
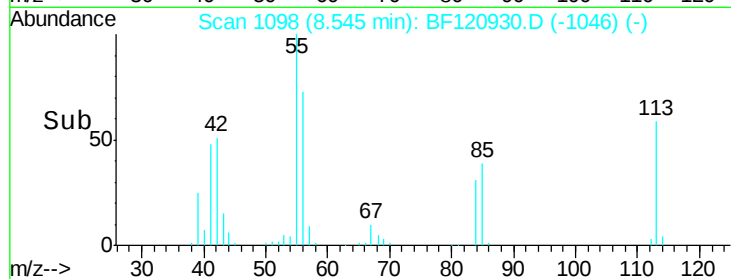
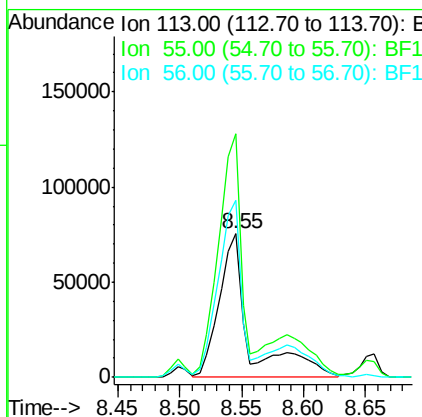
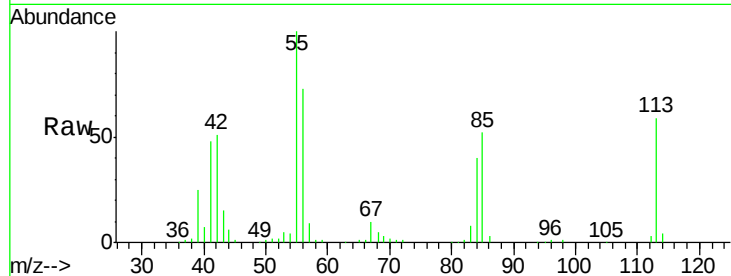
#35
Caprolactam
Concen: 40.368 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	169.6	143.3	183.3
56	123.0	99.4	139.4

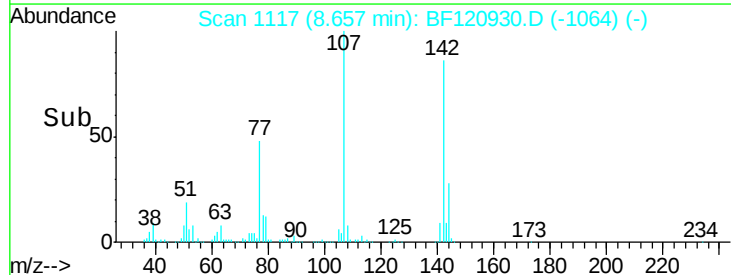
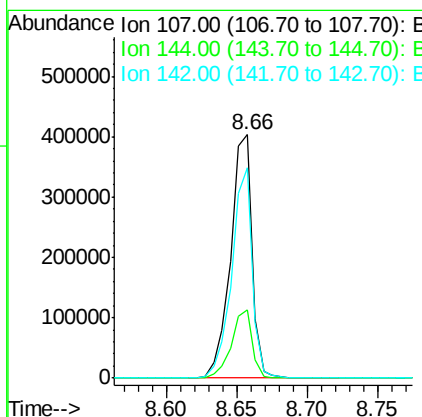
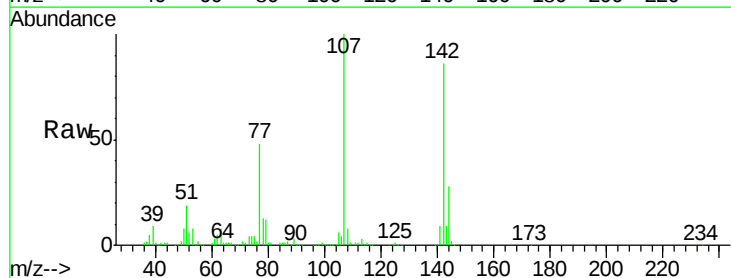
Manual Integrations
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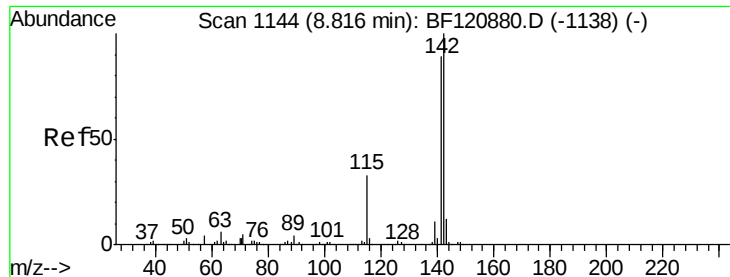
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#36
4-Chloro-3-methylphenol
Concen: 41.991 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.2	21.0	31.6
142	86.2	65.0	97.6





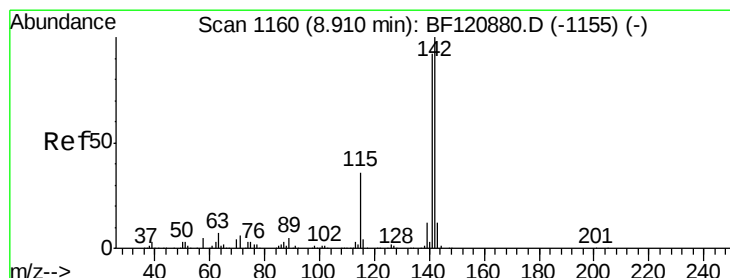
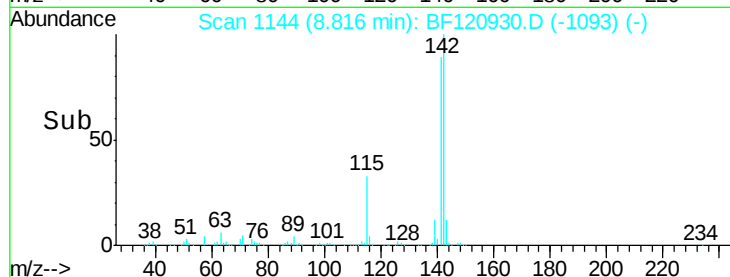
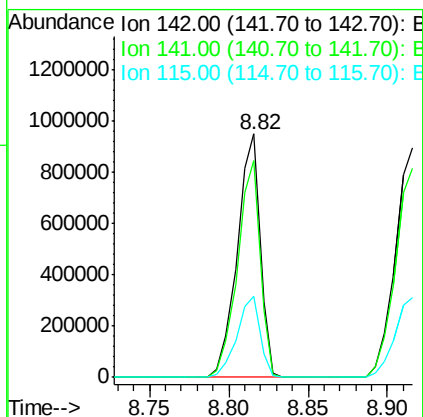
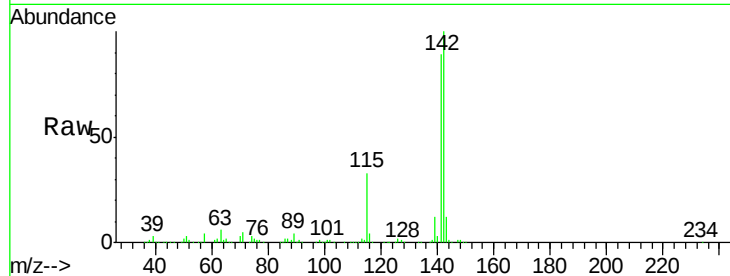
#37
2-Methylnaphthalene
Concen: 42.097 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.4
115	33.3	26.0	39.0

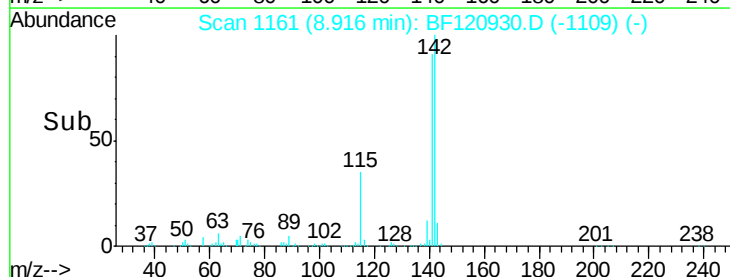
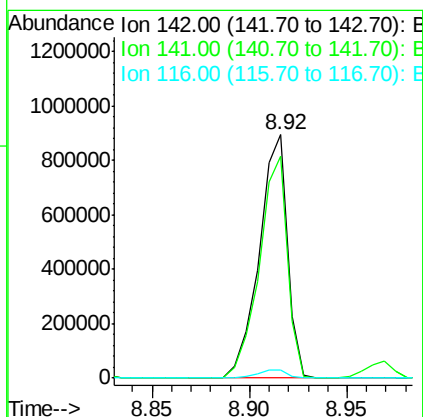
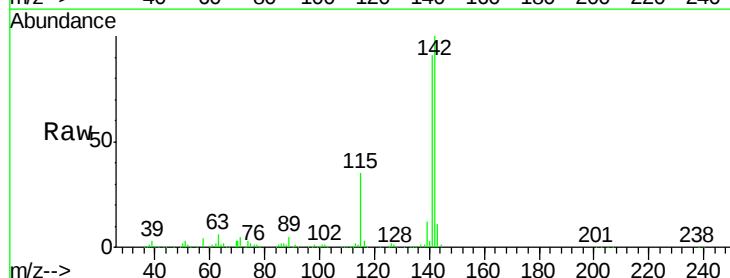
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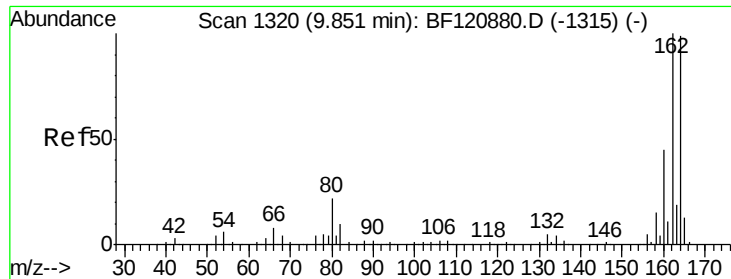
mohammad
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#38
1-Methylnaphthalene
Concen: 41.959 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.7	110.5
116	3.5	3.0	4.6





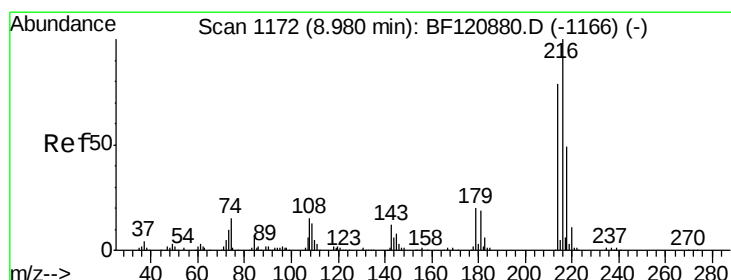
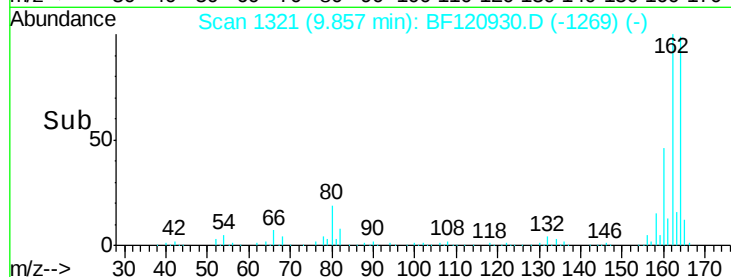
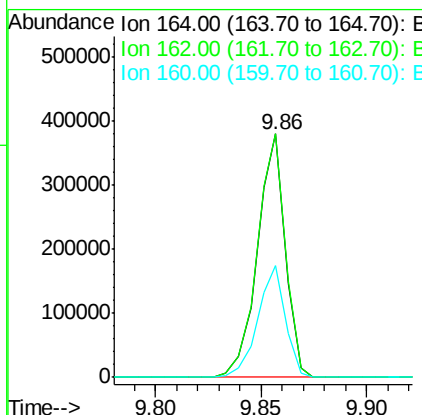
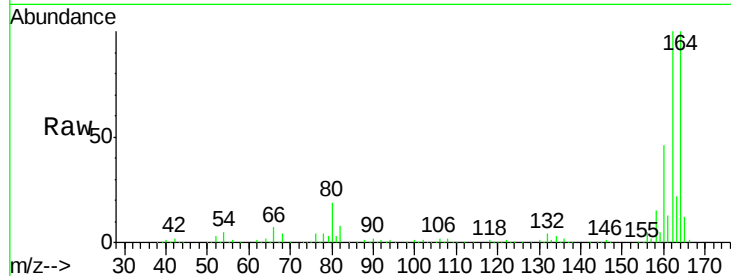
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.2	81.2	121.8	
160	45.9	36.9	55.3	

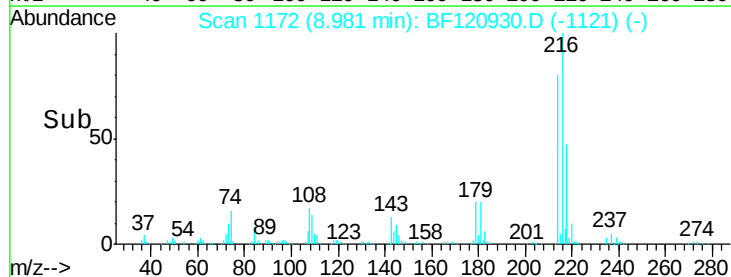
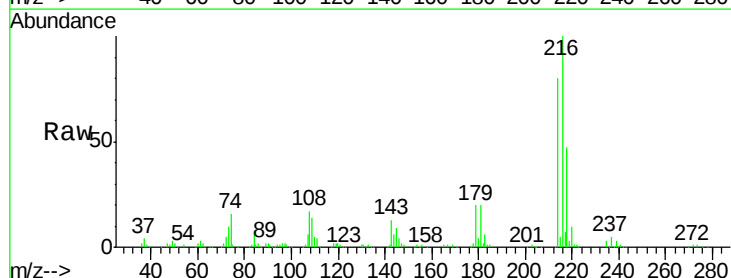
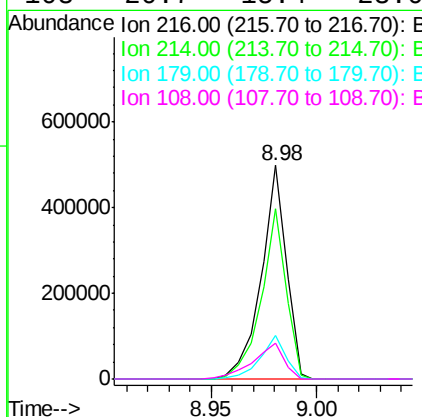
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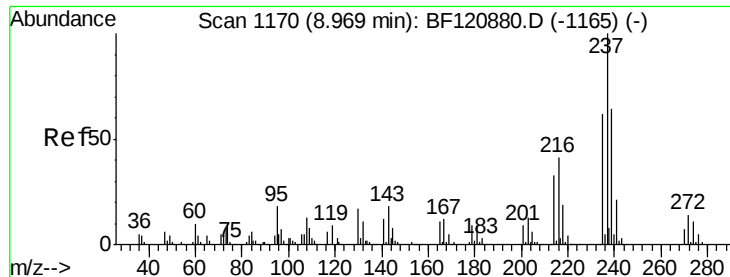
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.852 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.8	95.8	
179	20.3	16.6	24.8	
108	20.7	15.4	23.0	





#41

Hexachlorocyclopentadiene

Concen: 88.244 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

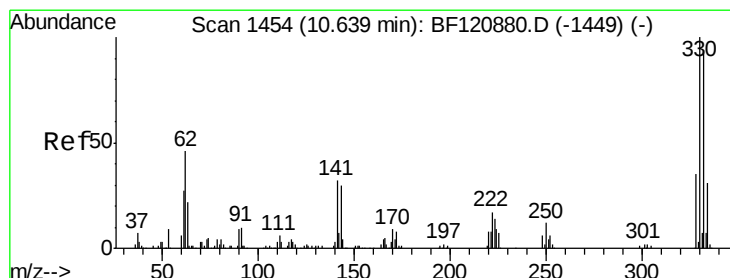
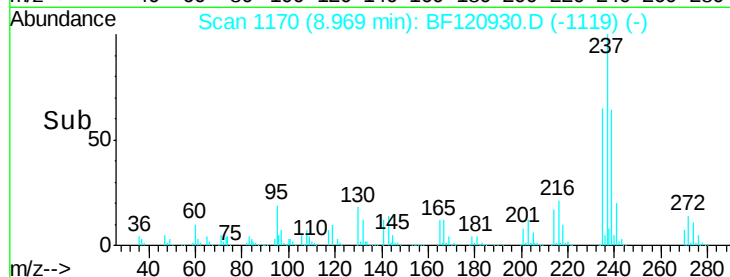
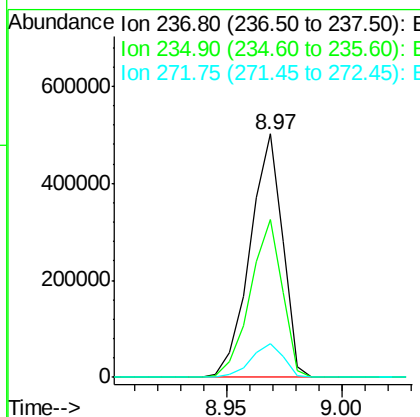
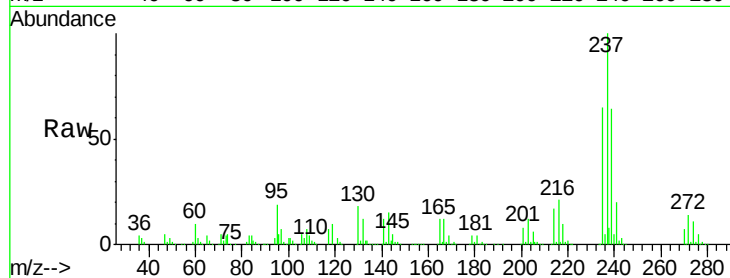
ClientSampleId :

PB130296BS

Tot Ion:	237	Resp:	493663
Ion Ratio	Lower	Upper	
237	100		
235	64.7	41.6	81.6
272	13.8	0.0	33.7

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#42

2,4,6-Tribromophenol

Concen: 106.324 ng

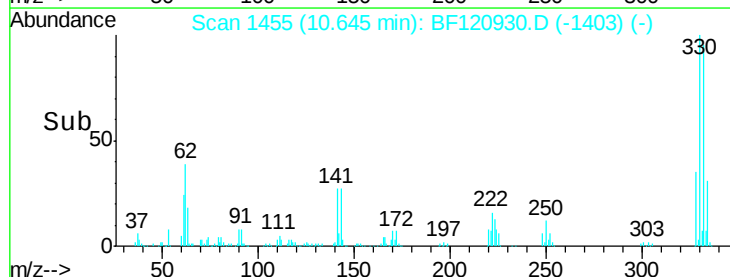
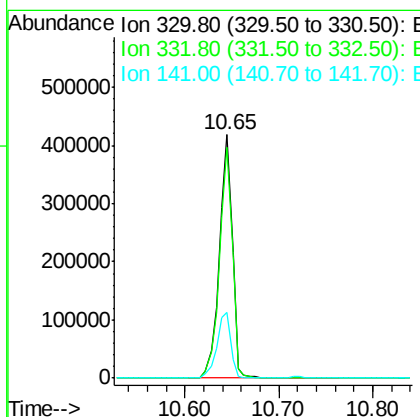
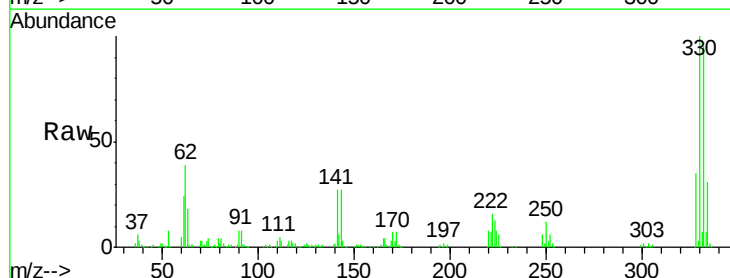
RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion:	330	Resp:	404327
Ion Ratio	Lower	Upper	
330	100		
332	95.0	75.5	113.3
141	29.6	25.7	38.5





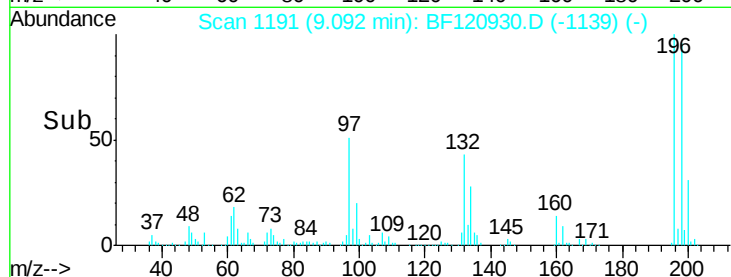
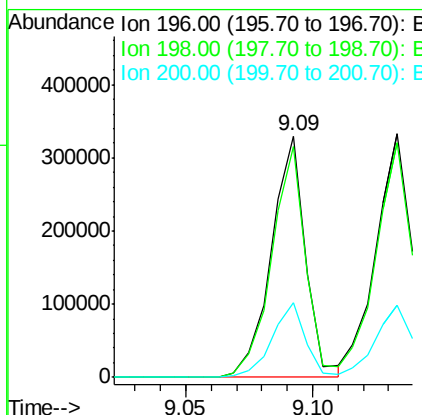
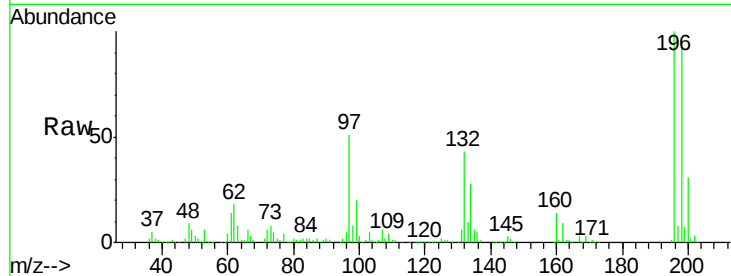
#43
 2,4,6-Trichlorophenol
 Concen: 43.818 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Instrument :
 BNA_F
 ClientSampled :
 PB130296BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	312290		
198	95.9	75.7	113.5	
200	30.9	24.4	36.6	

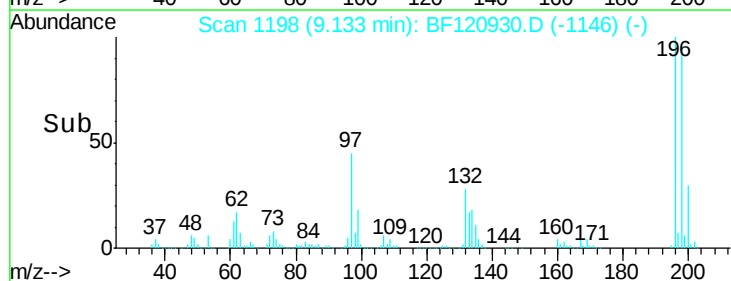
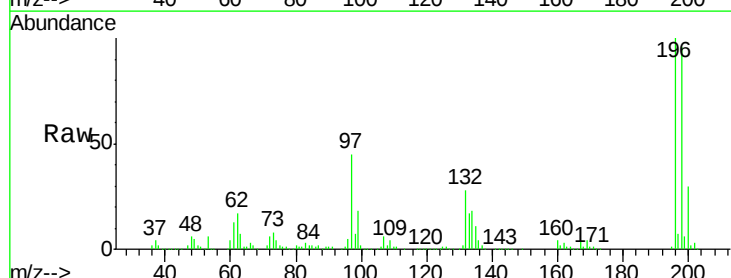
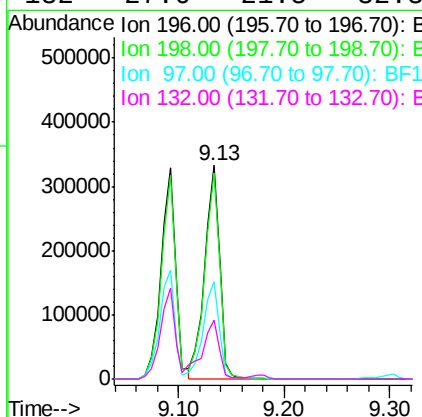
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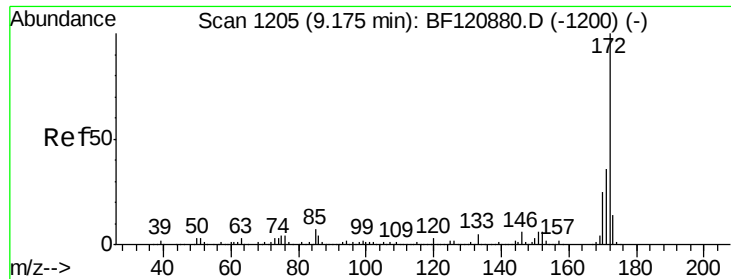
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#44
 2,4,5-Trichlorophenol
 Concen: 40.632 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	328479		
198	96.4	77.6	116.4	
97	45.4	35.6	53.4	
132	27.6	21.5	32.3	





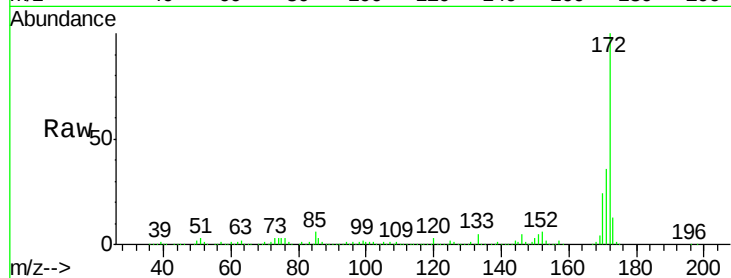
#45
2-Fluorobiphenyl
Concen: 68.240 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

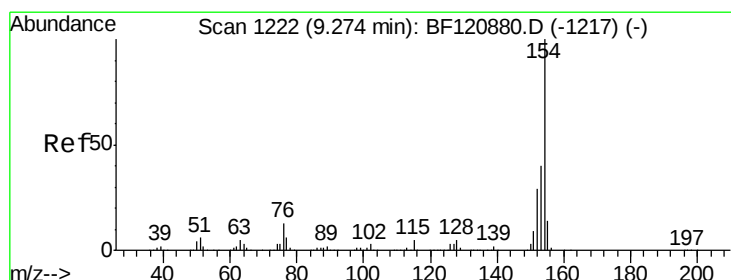
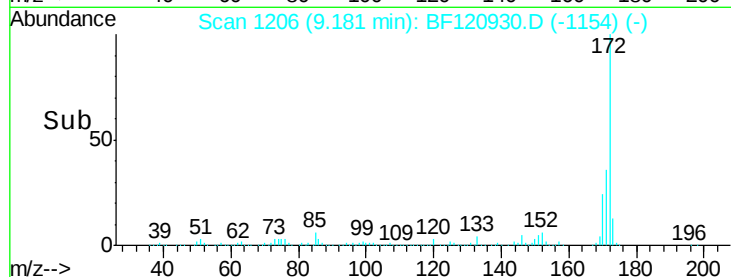
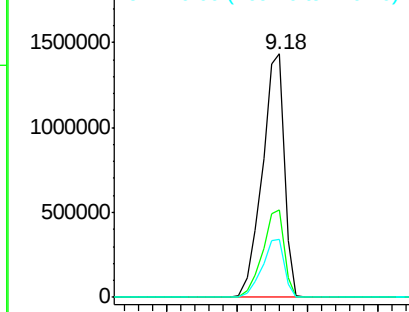
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.1	19.6	29.4

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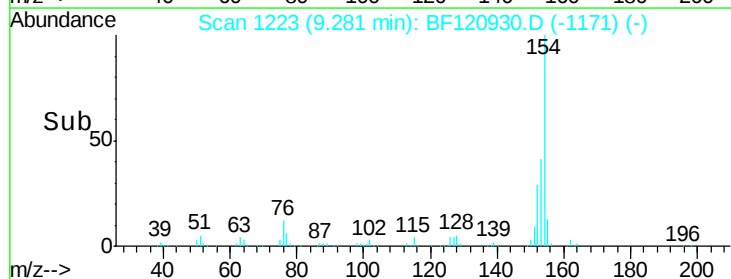
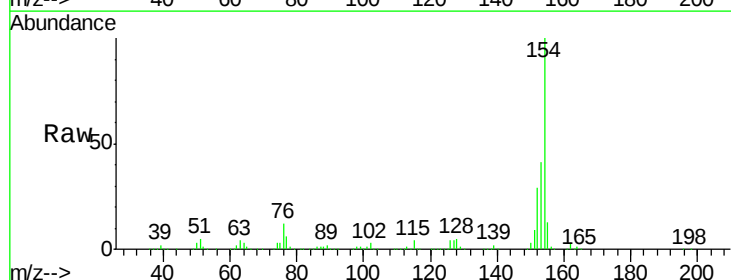
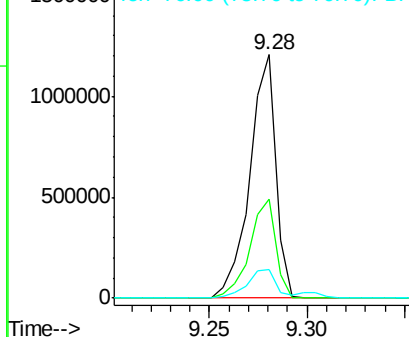
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.007 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	11.9	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





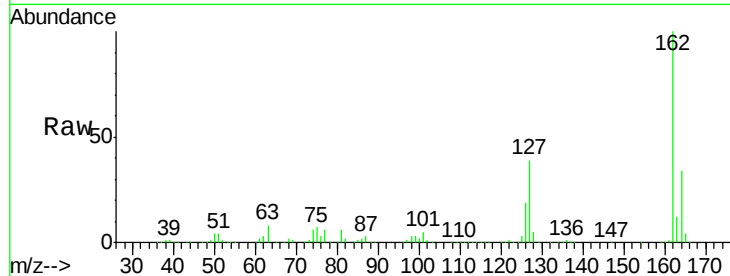
#47
 2-Chloronaphthalene
 Concen: 40.838 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

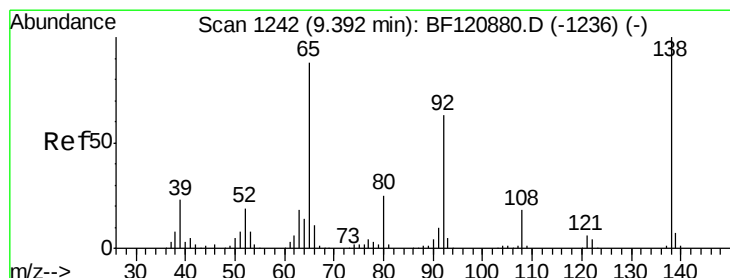
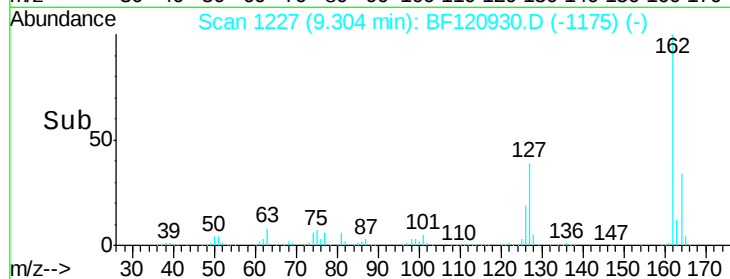
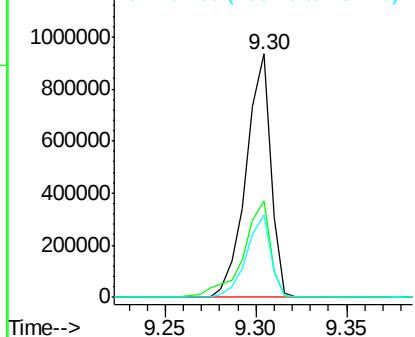
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.4	33.3	49.9
164	33.6	26.6	39.8

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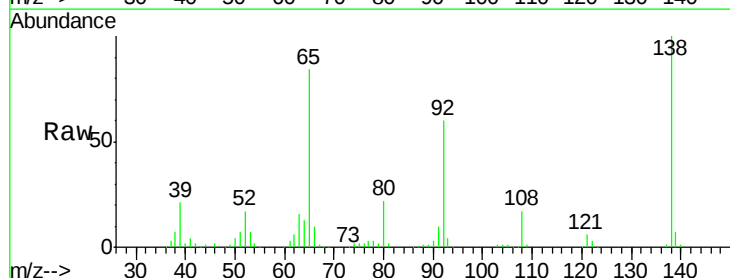


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

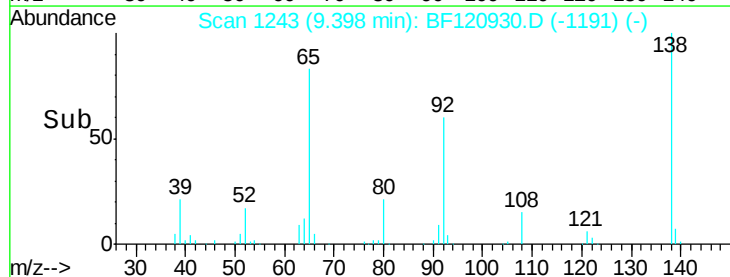
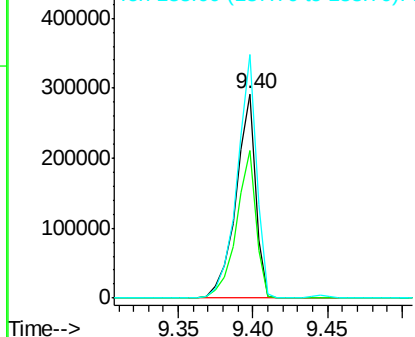


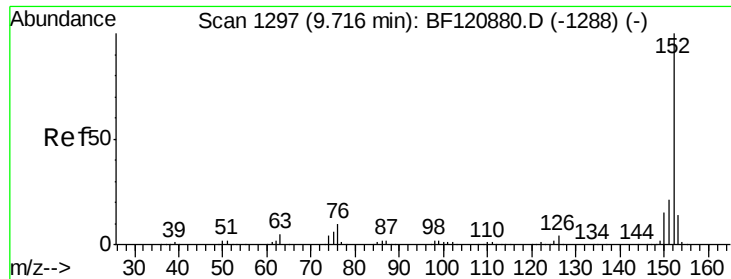
#48
 2-Nitroaniline
 Concen: 41.298 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.0	57.0	85.4
138	119.2	90.4	135.6



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





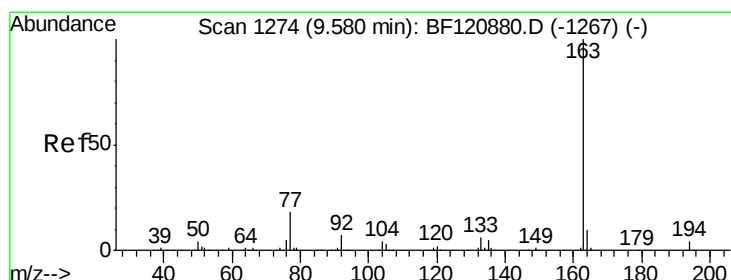
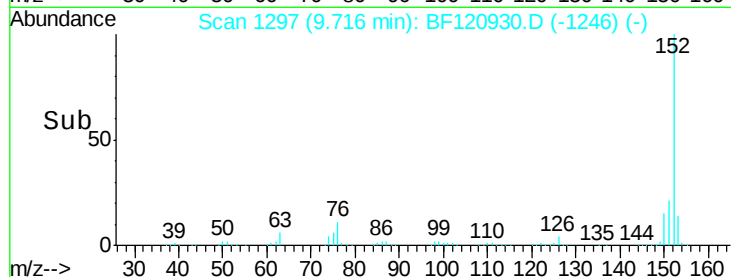
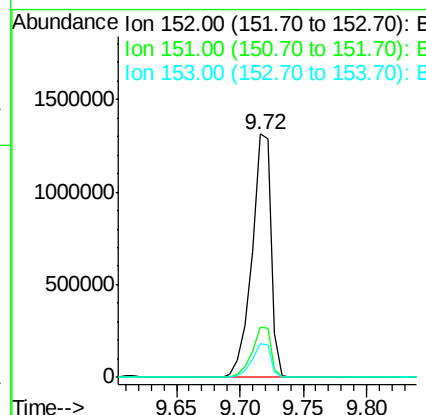
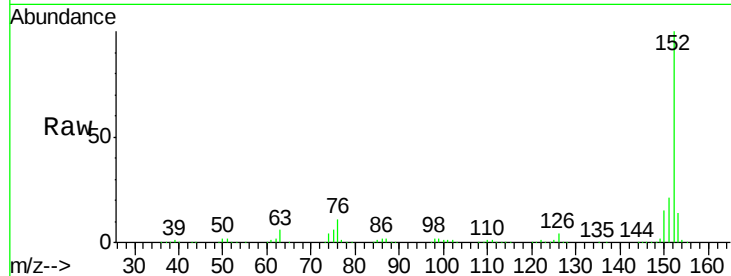
#49
Acenaphthylene
Concen: 41.155 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0
153	13.6	10.9	16.3

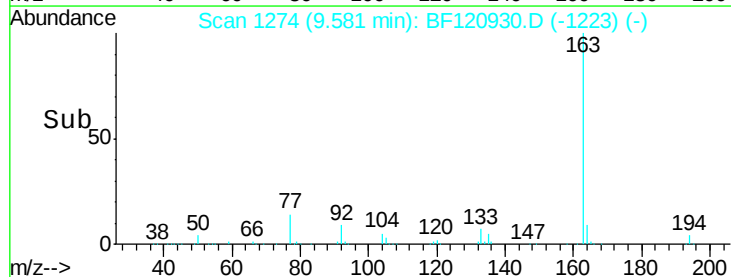
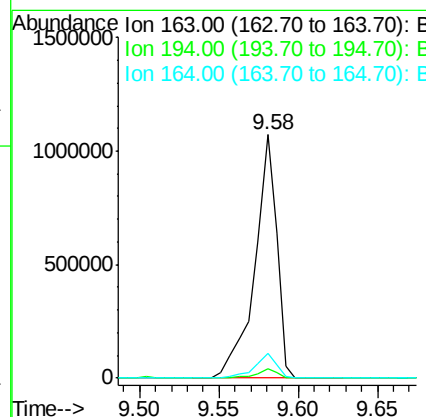
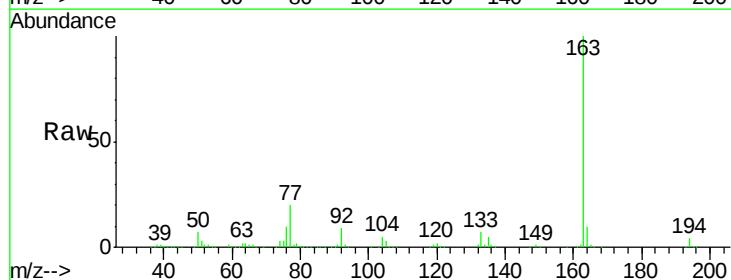
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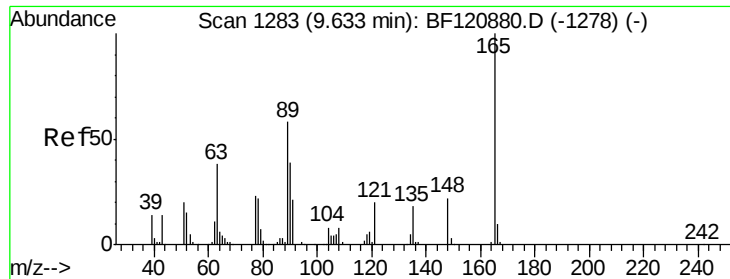
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#50
Dimethylphthalate
Concen: 41.028 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.4	7.9	11.9





#51

2,6-Dinitrotoluene

Concen: 43.403 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

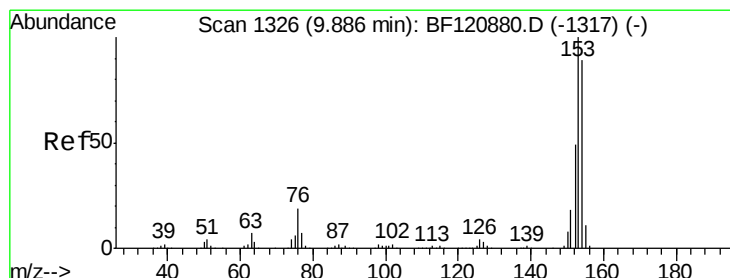
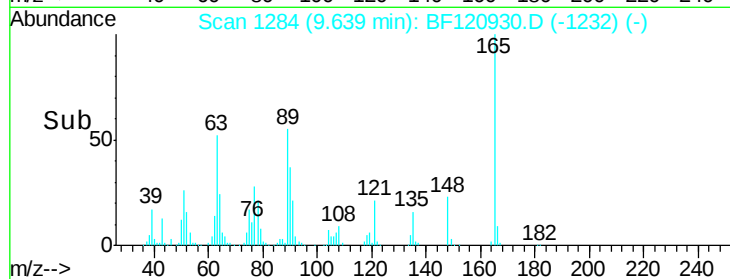
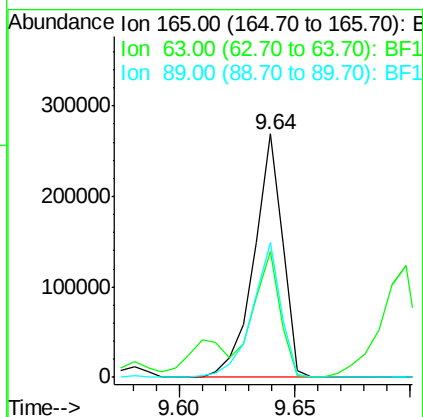
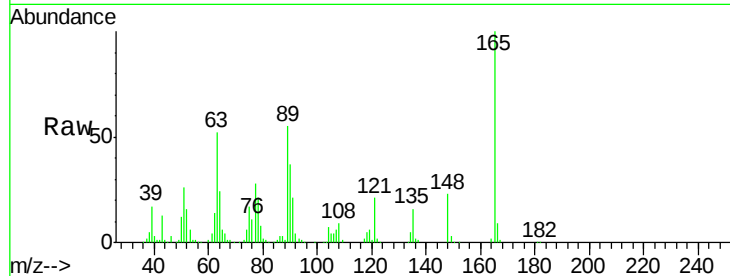
ClientSampleId :

PB130296BS

Tot Ion:	165	Resp:	233714
Ion Ratio	Lower	Upper	
165	100		
63	51.6	45.4	68.2
89	55.2	47.0	70.4

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#52

Acenaphthene

Concen: 44.271 ng m

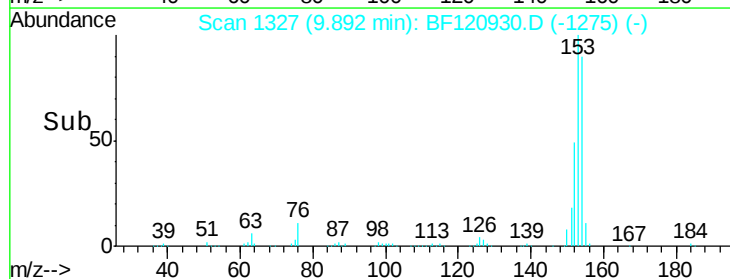
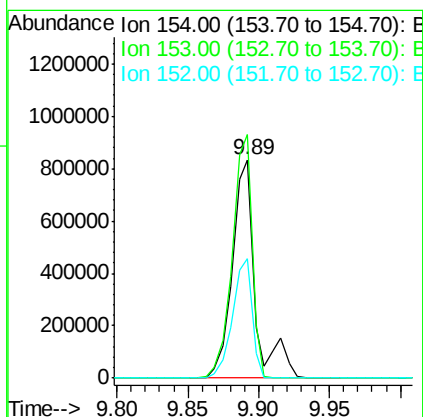
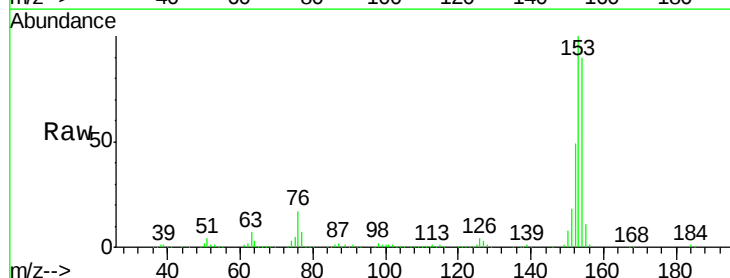
RT: 9.89 min Scan# 1327

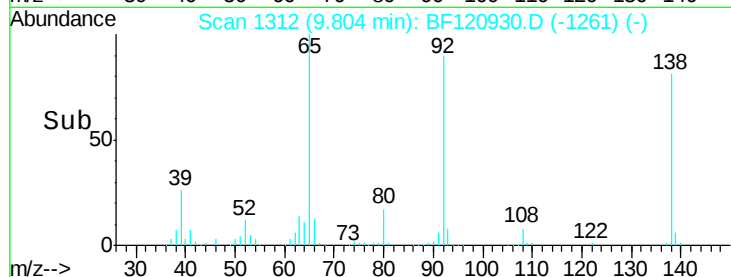
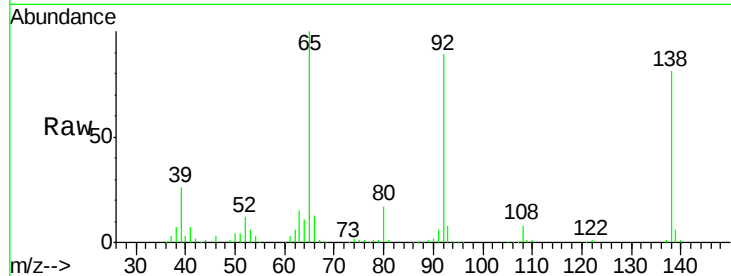
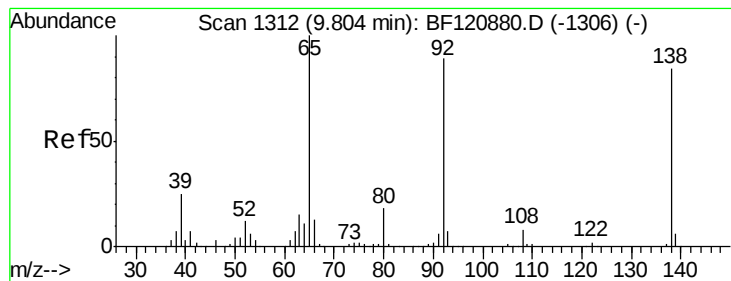
Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion:	154	Resp:	944749
Ion Ratio	Lower	Upper	
154	100		
153	111.5	89.5	134.3
152	54.7	44.2	66.2





#53

3-Nitroaniline

Concen: 26.393 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.9	11.9
92	110.3	85.3	127.9

Instrument :

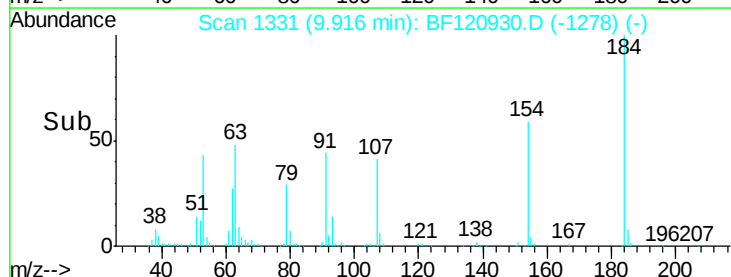
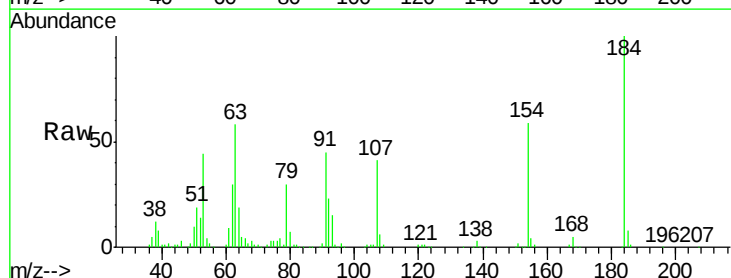
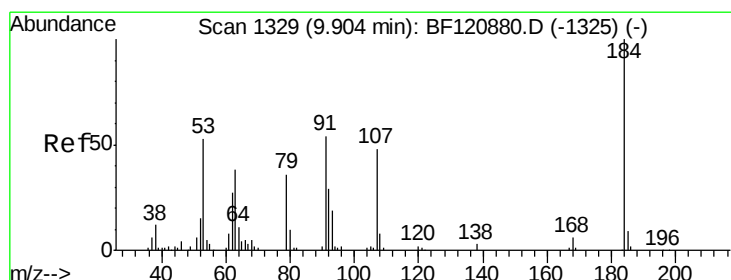
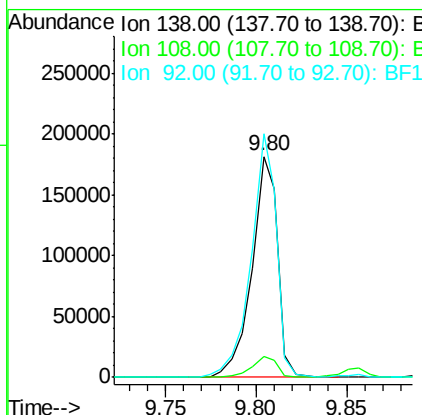
BNA_F

ClientSampleId :

PB130296BS

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#54

2,4-Dinitrophenol

Concen: 75.858 ng

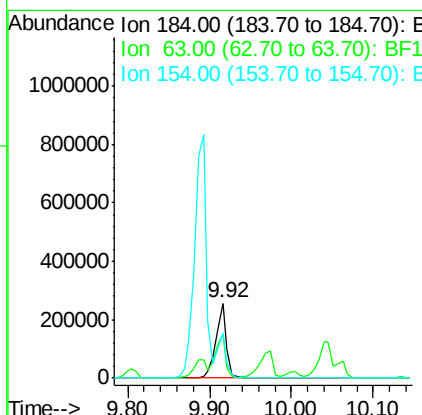
RT: 9.92 min Scan# 1331

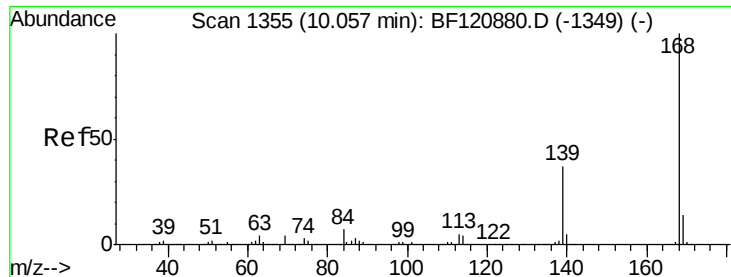
Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.0	57.9	86.9
154	59.4	52.6	78.8





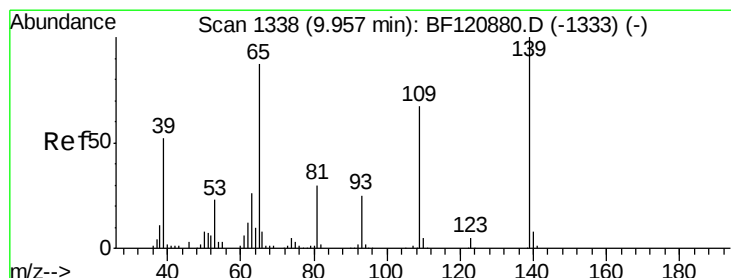
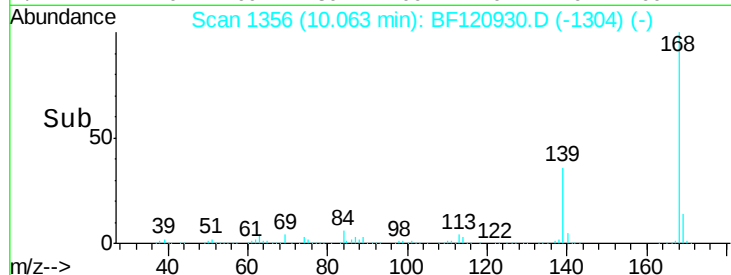
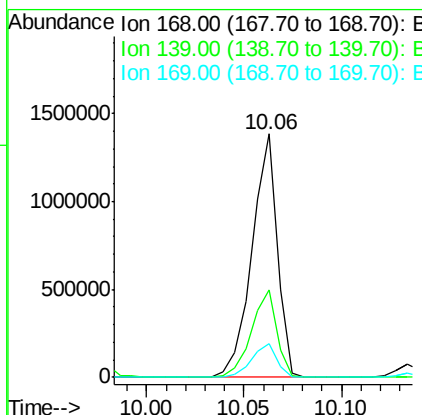
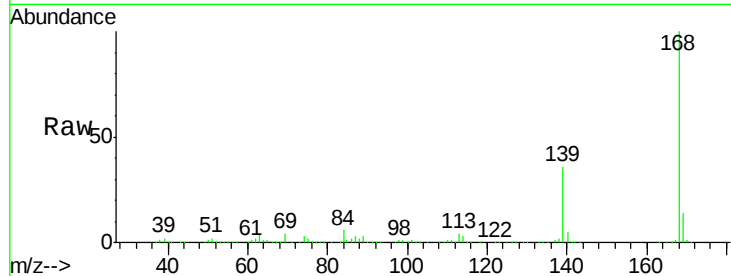
#55
Dibenzenofuran
Concen: 40.305 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.7	44.5
169	13.8	11.1	16.7

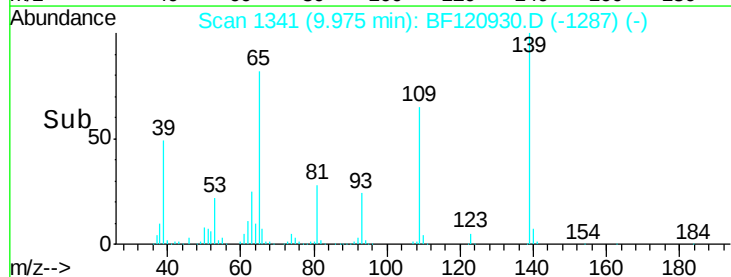
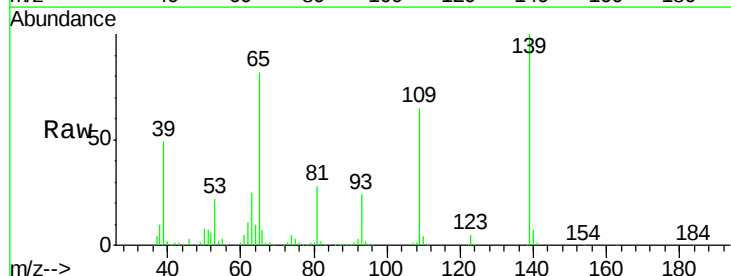
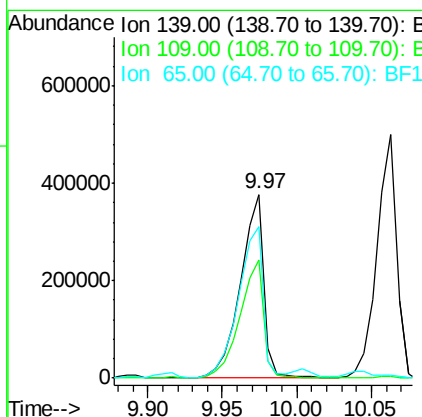
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#56
4-Nitrophenol
Concen: 80.505 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.7	47.3	87.3
65	82.5	67.2	107.2





#57

2,4-Dinitrotoluene

Concen: 44.243 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

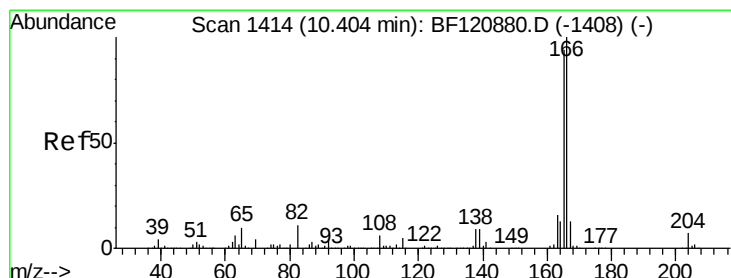
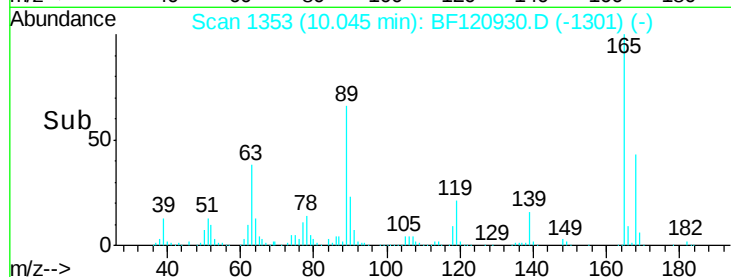
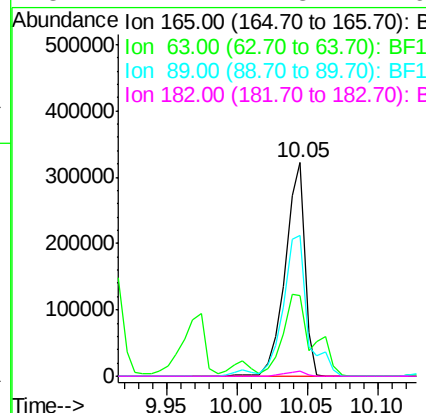
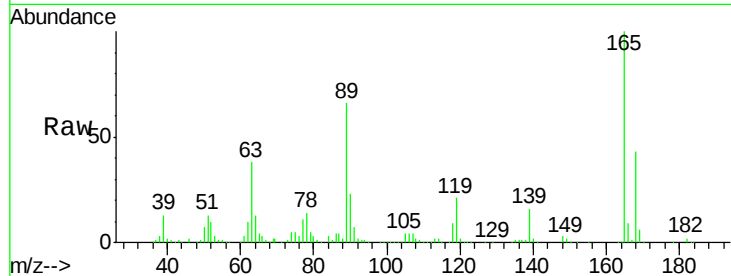
ClientSampleId :

PB130296BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.0	29.4	44.2	
89	65.6	53.4	80.0	
182	2.4	1.8	2.6	

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#58

Fluorene

Concen: 39.291 ng

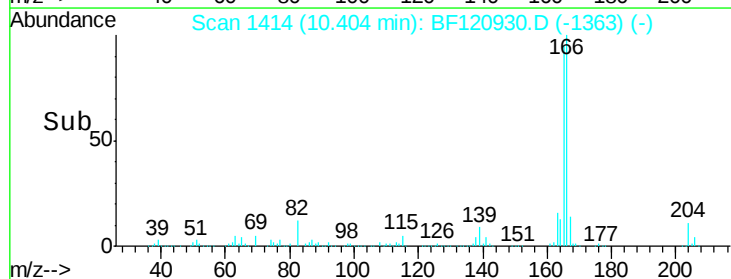
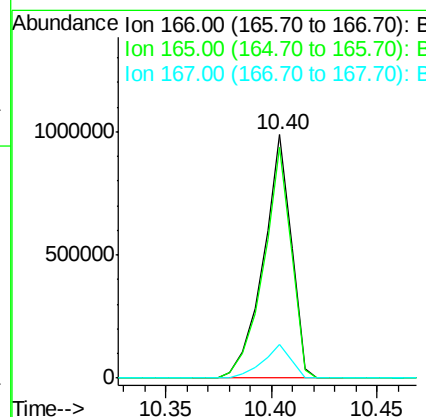
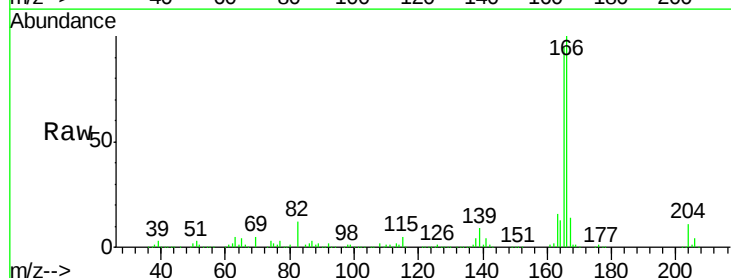
RT: 10.40 min Scan# 1414

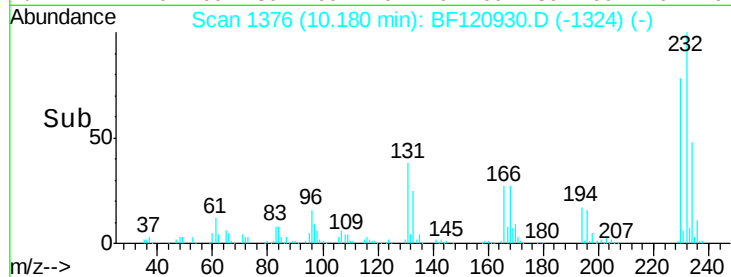
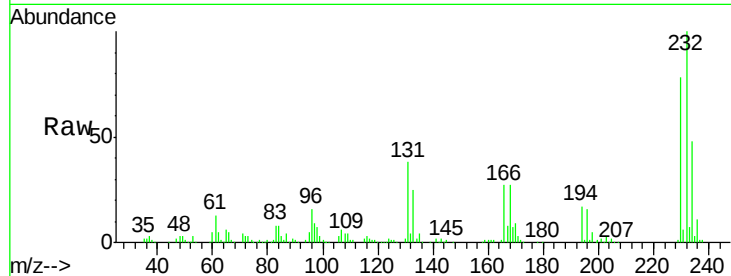
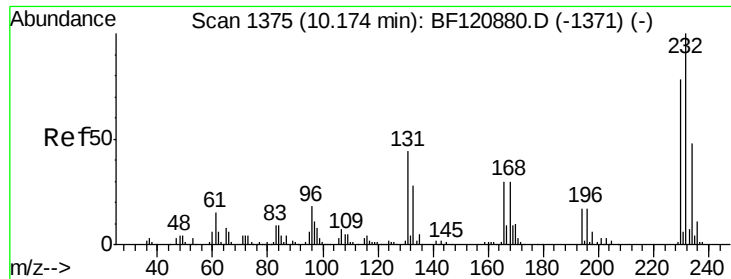
Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.6	75.4	113.0	
167	13.7	10.6	15.8	





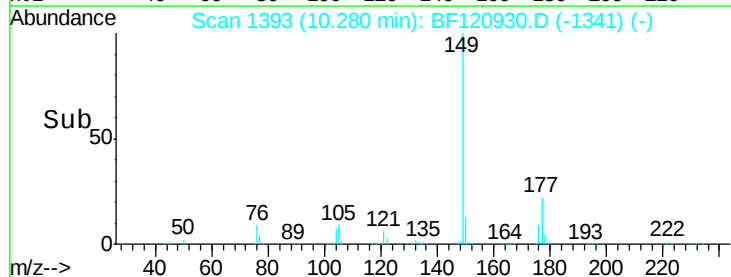
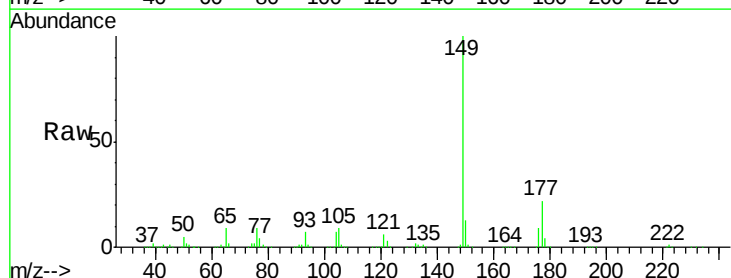
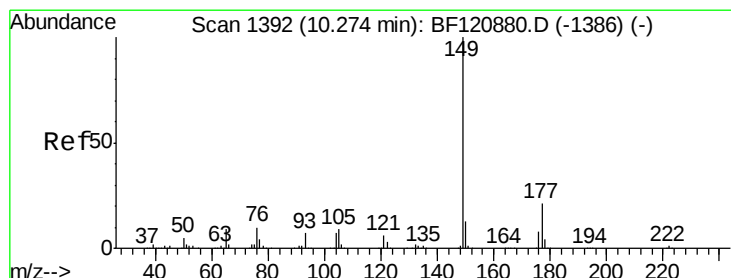
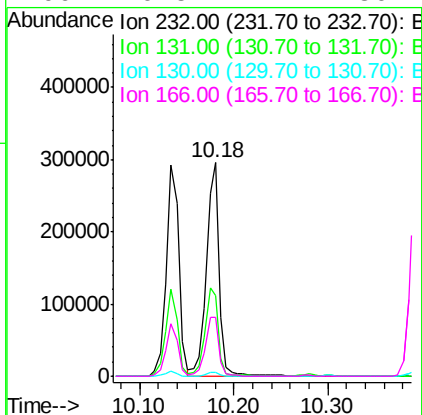
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.571 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	37.1	55.7
130	2.1	1.7	2.5
166	29.5	24.2	36.4

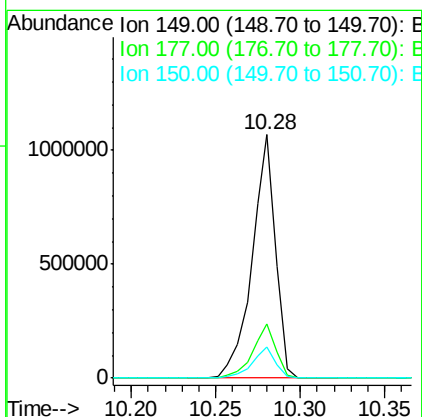
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#60
Diethylphthalate
Concen: 40.771 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.1	25.7
150	12.7	10.3	15.5





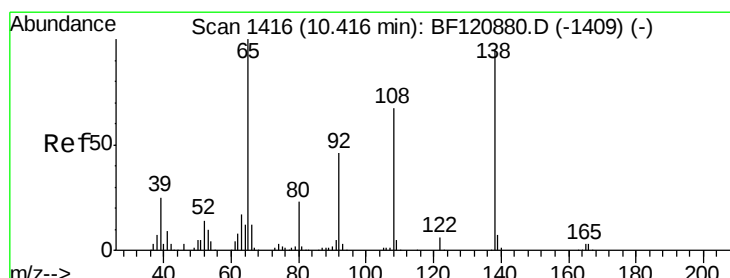
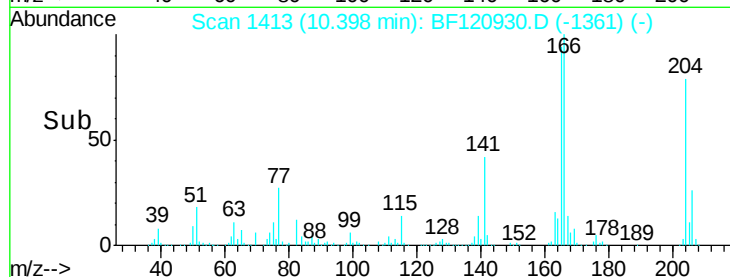
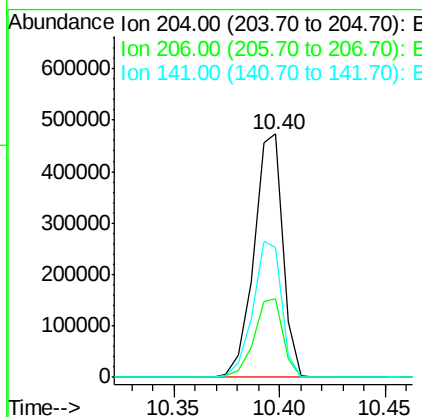
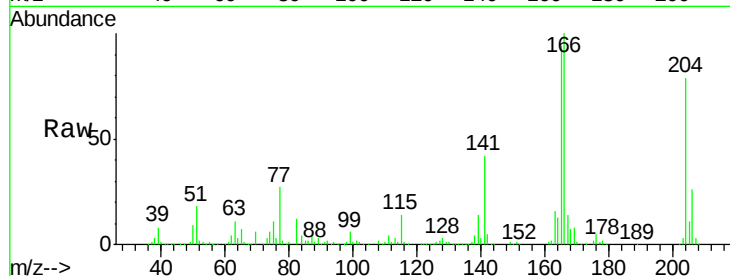
#61
4-Chlorophenyl-phenylether
Concen: 36.668 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.9	38.9
141	53.4	47.2	70.8

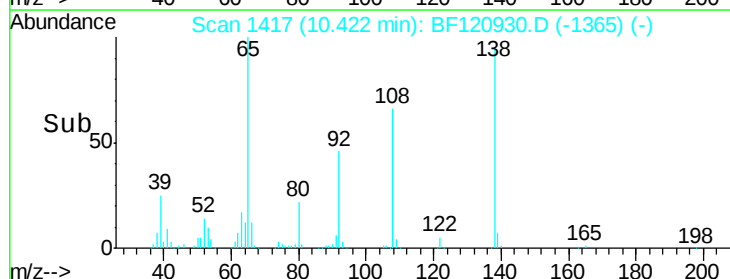
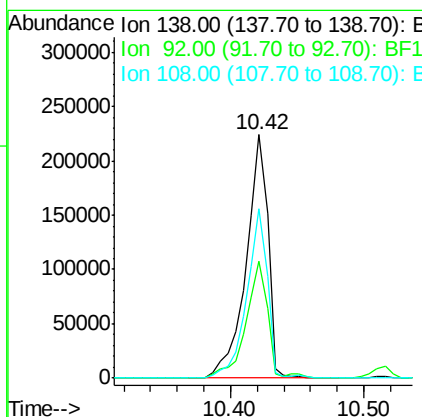
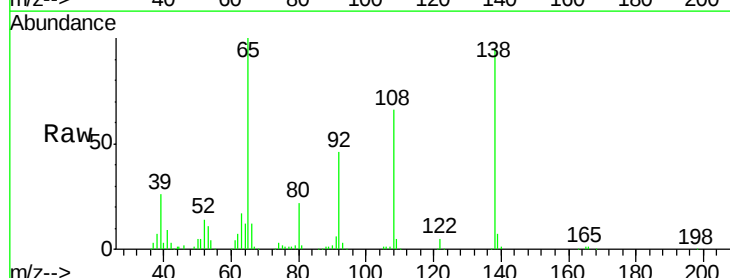
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#62
4-Nitroaniline
Concen: 38.094 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	28.6	68.6
108	69.6	51.1	91.1





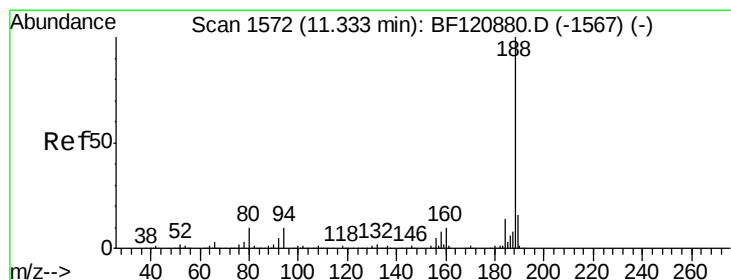
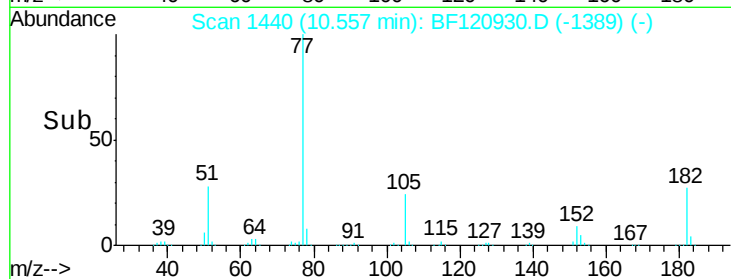
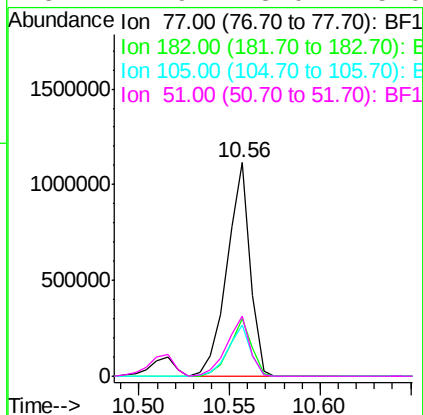
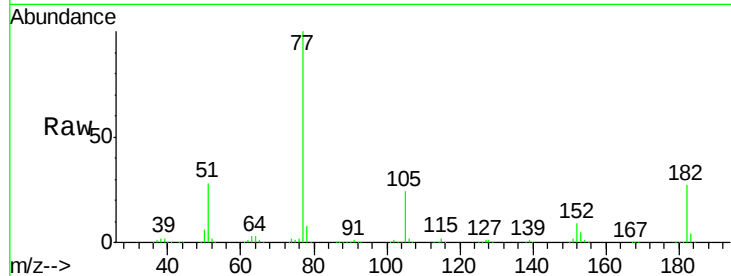
#63
Azobenzene
Concen: 40.687 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.9	7.8	47.8		
105	24.1	4.4	44.4		
51	27.9	8.0	48.0		

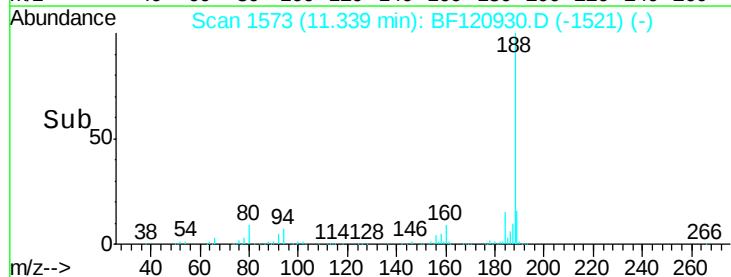
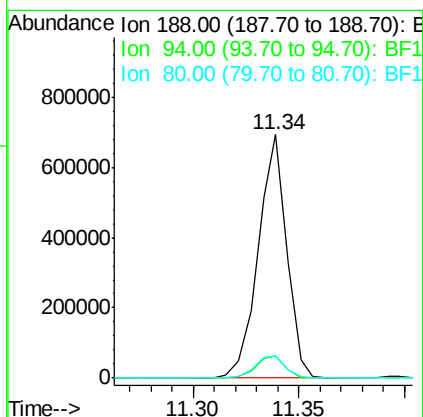
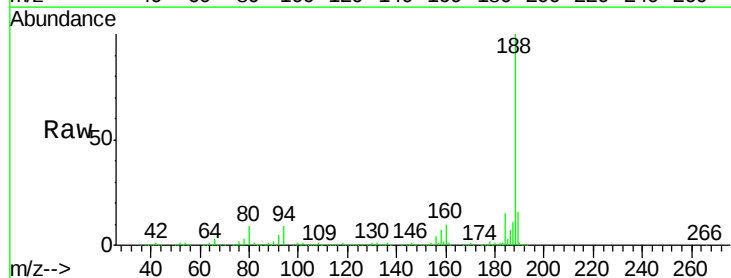
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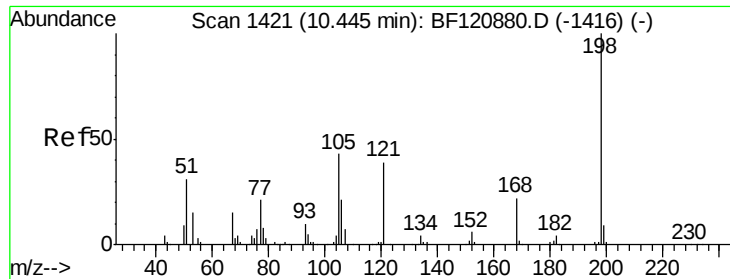
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.0	8.0	12.0		
80	9.3	8.3	12.5		





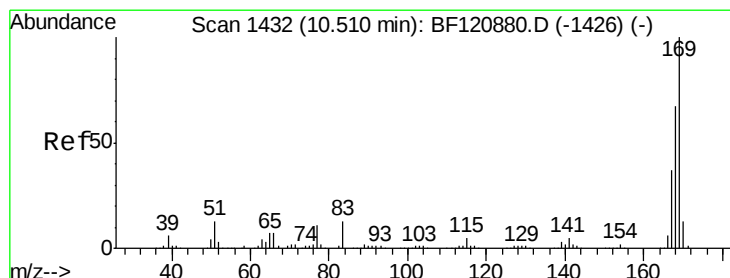
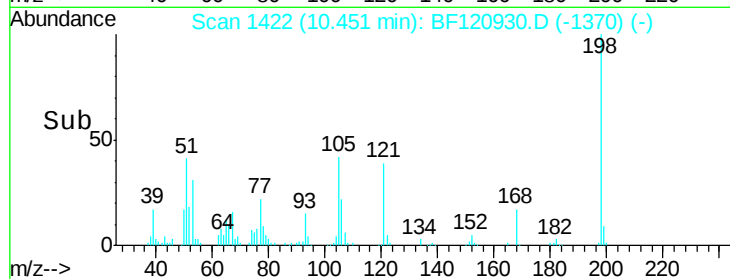
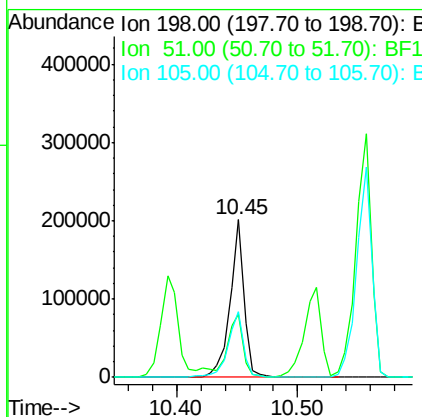
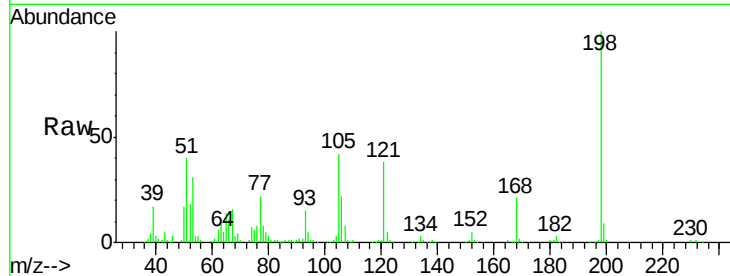
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.960 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	163645		
51	40.2	19.5	59.5	
105	42.0	24.4	64.4	

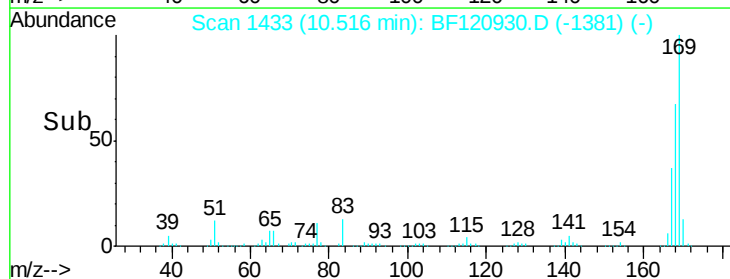
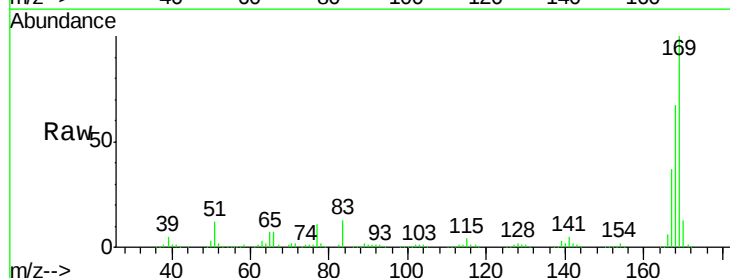
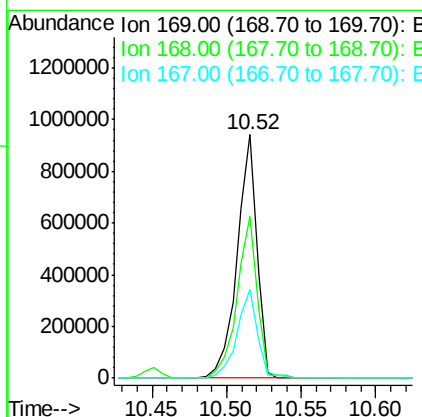
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#66
 n-Nitrosodiphenylamine
 Concen: 42.907 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	875170		
168	66.6	53.4	80.0	
167	36.7	29.4	44.0	





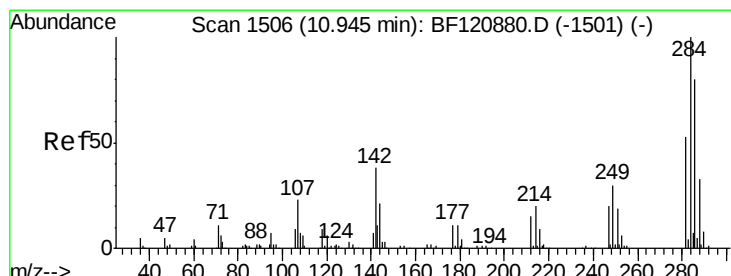
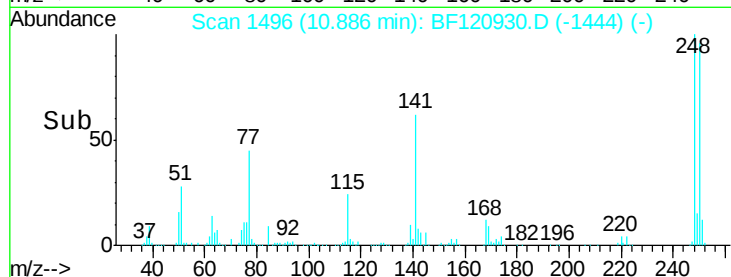
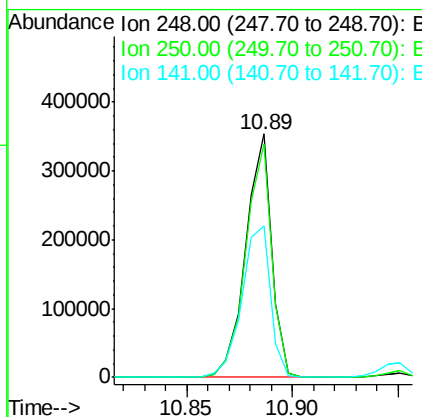
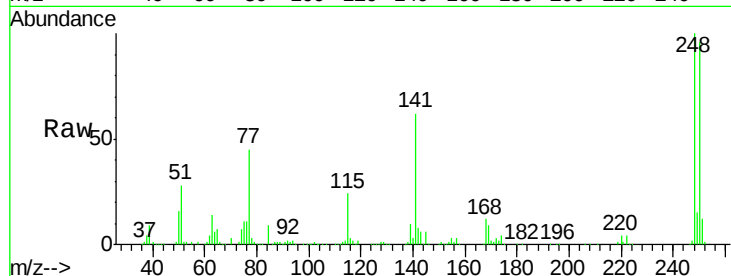
#67
 4-Bromophenyl-phenylether
 Concen: 41.752 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.1	115.7
141	62.4	61.2	91.8

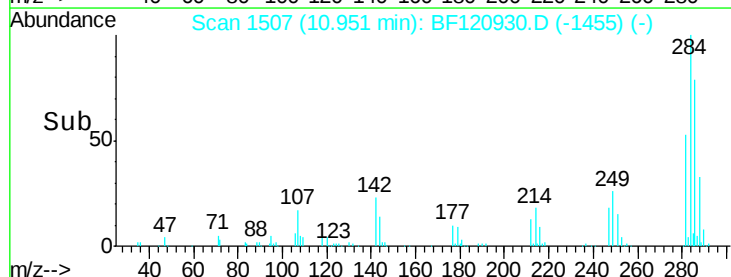
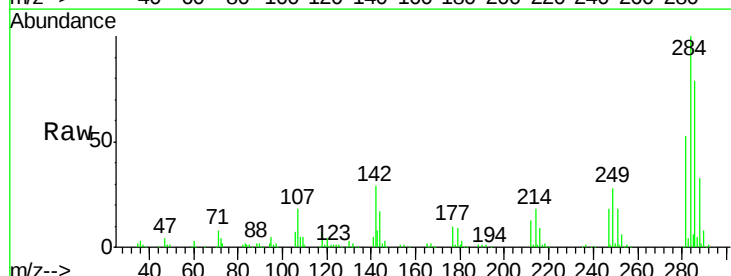
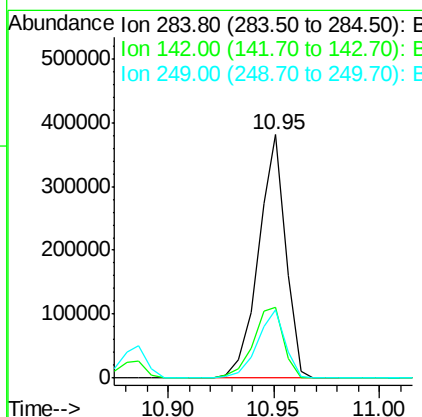
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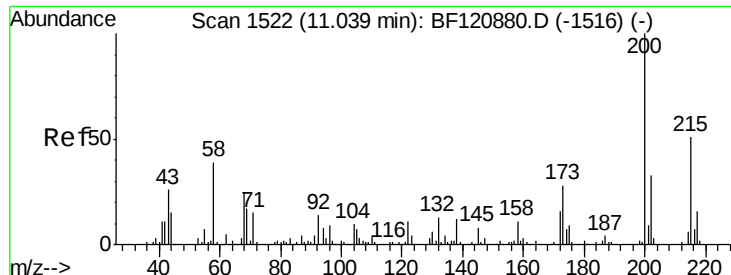
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#68
 Hexachlorobenzene
 Concen: 43.567 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	30.2	45.2#
249	28.1	24.2	36.2





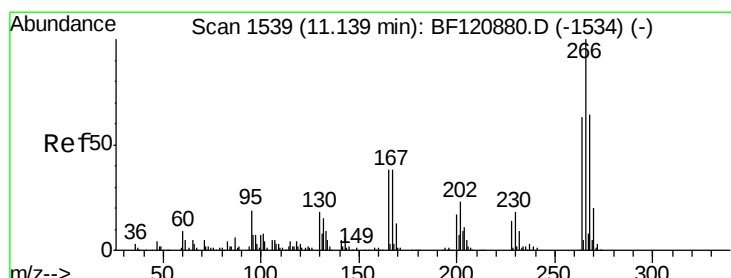
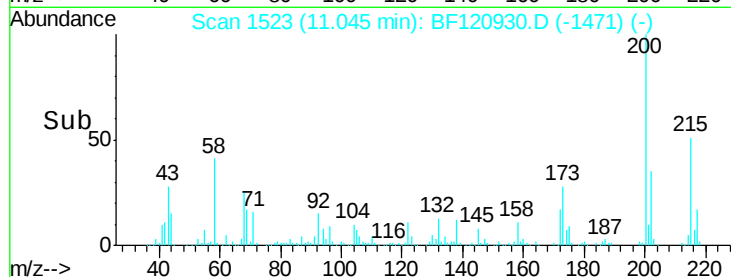
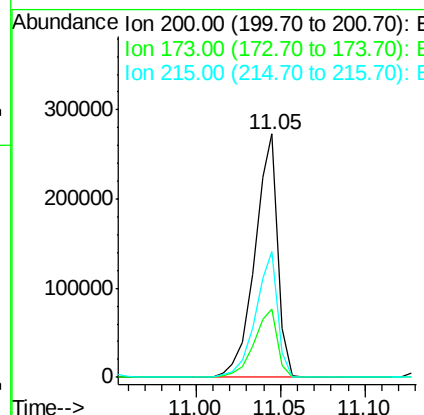
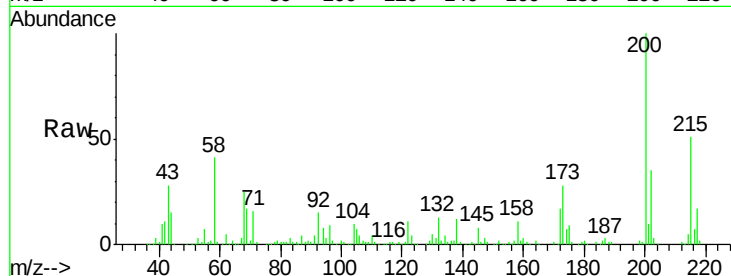
#69
Atrazine
Concen: 50.996 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.1	8.0	48.0
215	51.5	31.5	71.5

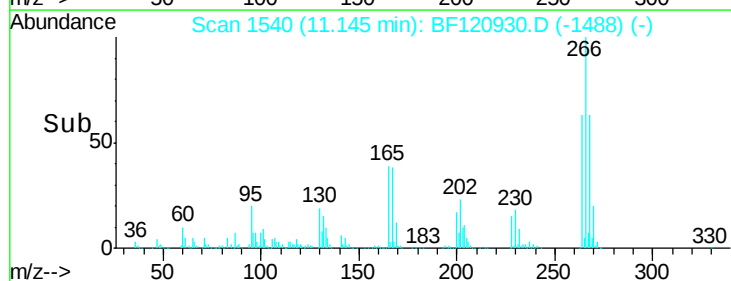
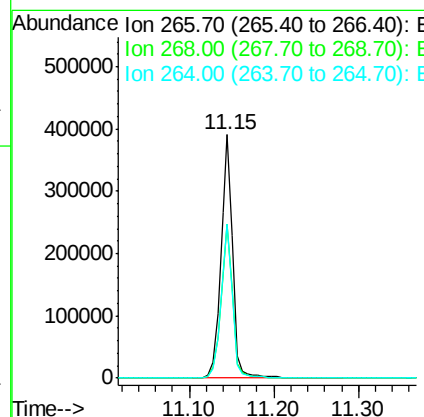
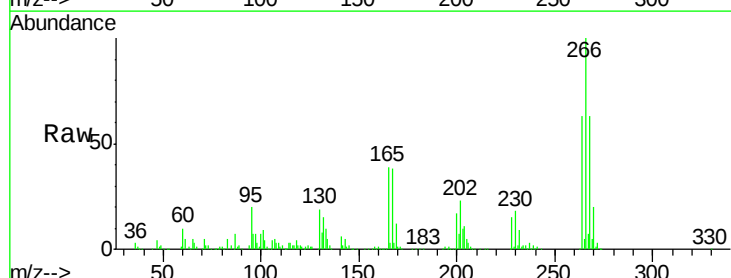
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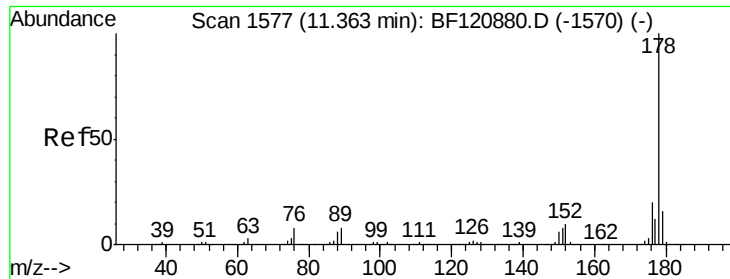
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#70
Pentachlorophenol
Concen: 87.314 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.3	50.2	75.2





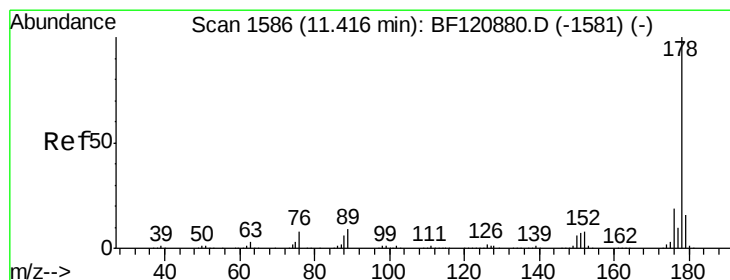
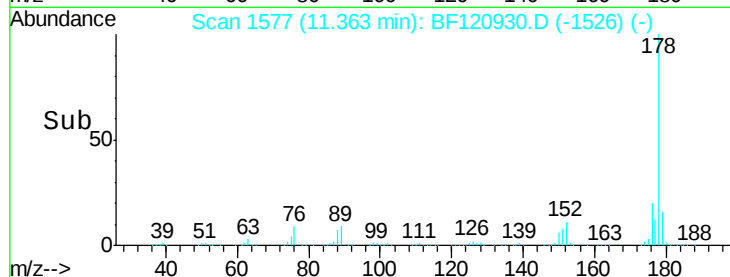
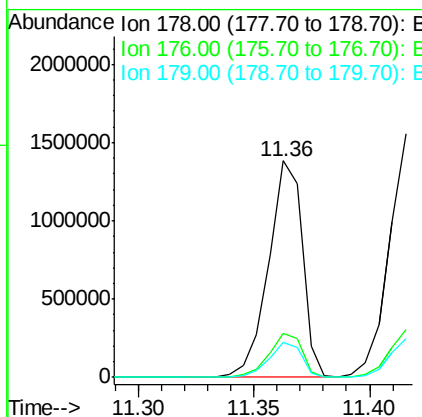
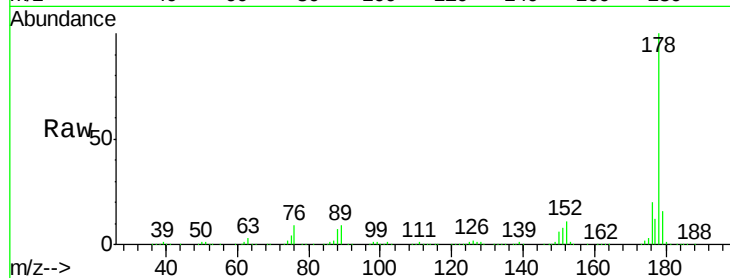
#71
 Phenanthrene
 Concen: 42.162 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	16.2	12.8	19.2

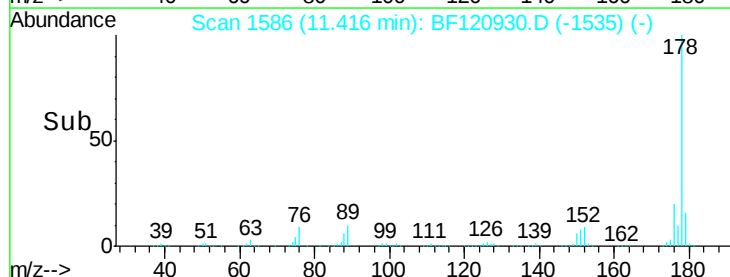
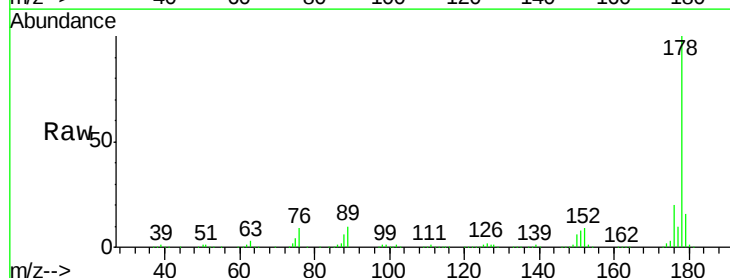
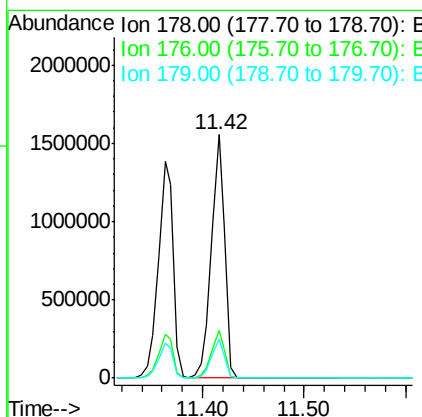
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#72
 Anthracene
 Concen: 42.557 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	16.1	12.8	19.2





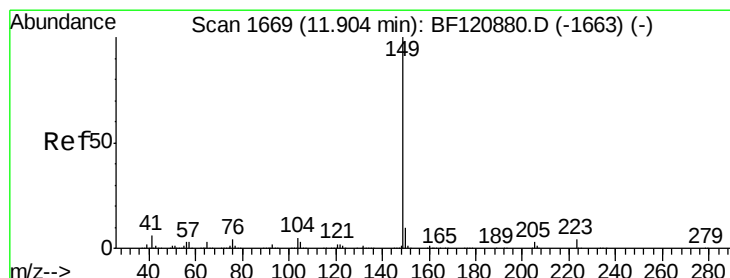
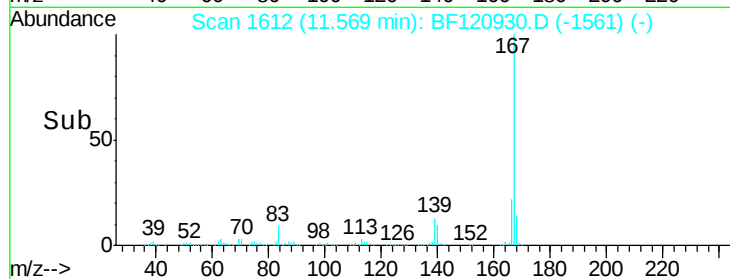
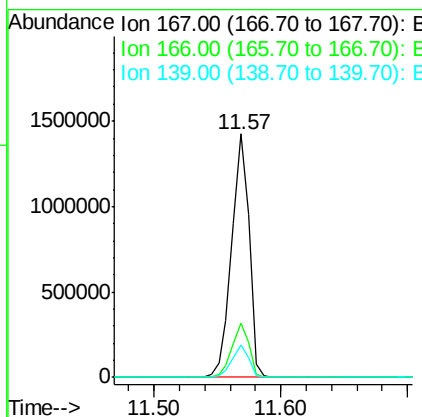
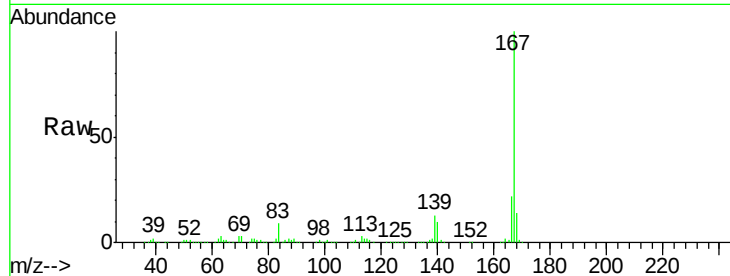
#73
 Carbazole
 Concen: 40.549 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

Tot Ion:167 Resp: 1347459
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.2 10.1 15.1

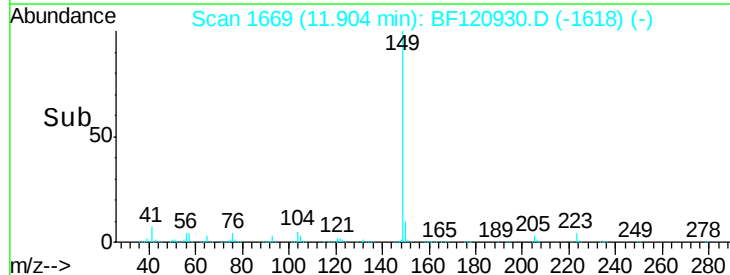
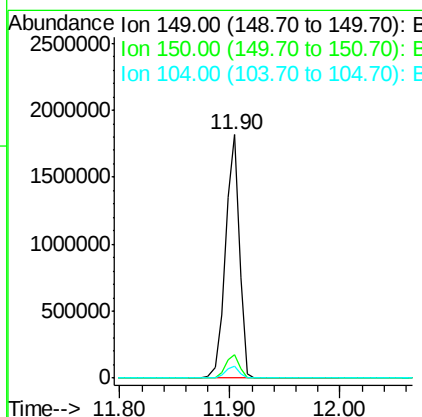
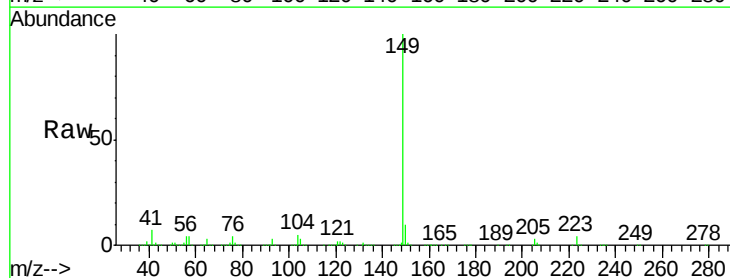
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#74
 Di-n-butylphthalate
 Concen: 41.681 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion:149 Resp: 1598352
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 4.8 3.8 5.6





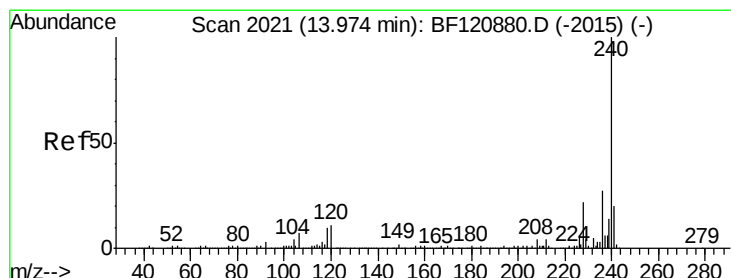
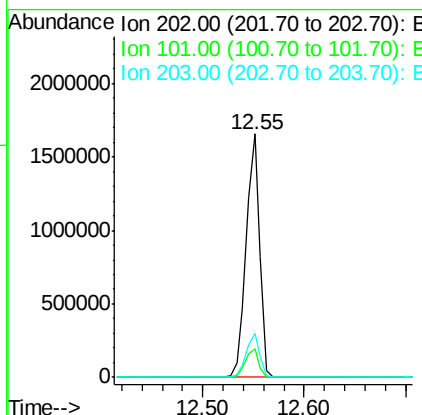
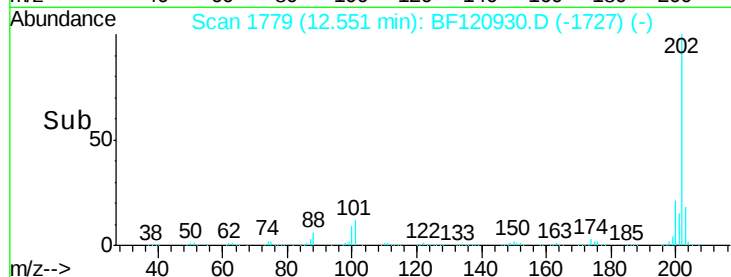
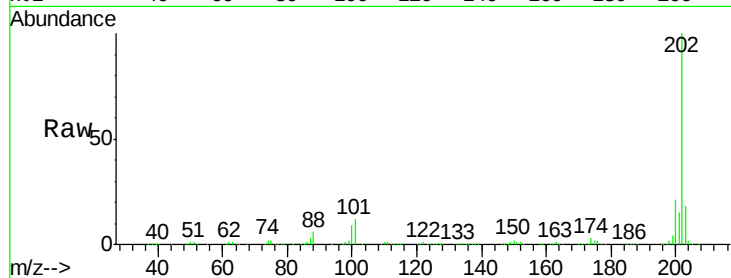
#75
Fluoranthene
Concen: 41.563 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.7
203	18.2	0.0	38.0

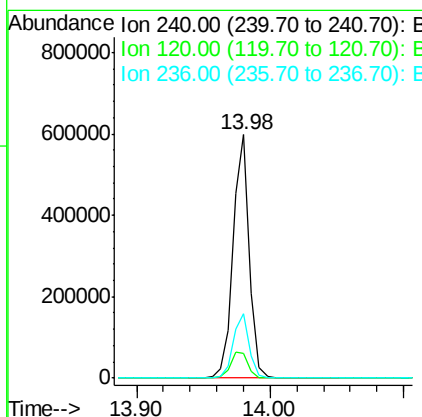
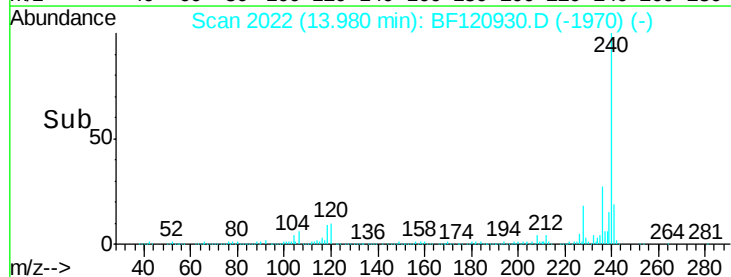
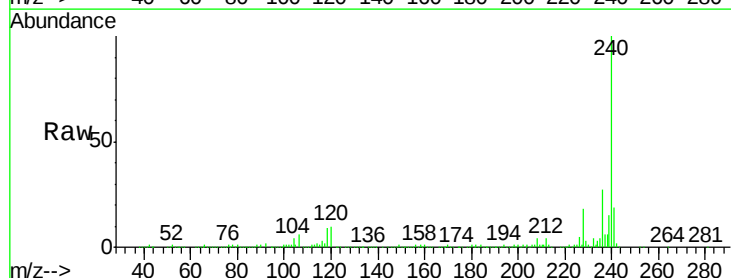
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.0	13.4
236	26.6	21.7	32.5





#77

Benzidine

Concen: 50.128 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

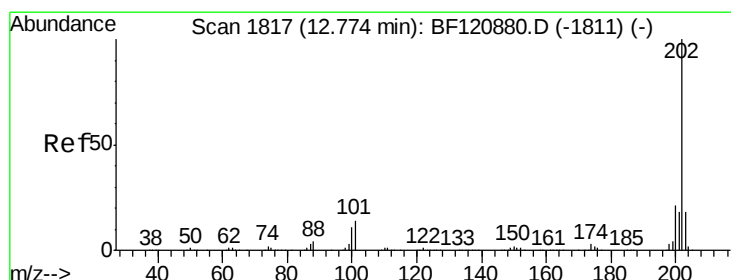
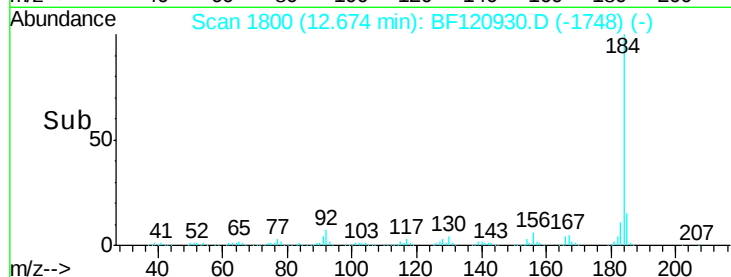
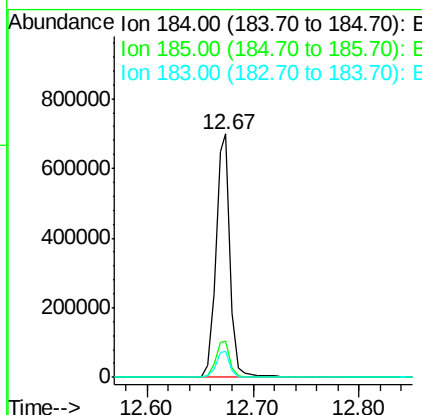
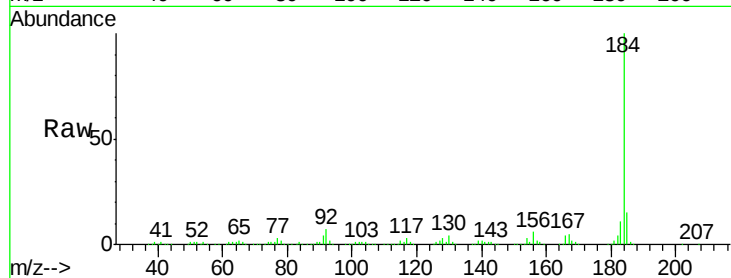
ClientSampleId :

PB130296BS

Tot Ion:	184	Resp:	669237
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.2
183	10.7	8.5	12.7

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#78

Pyrene

Concen: 43.006 ng

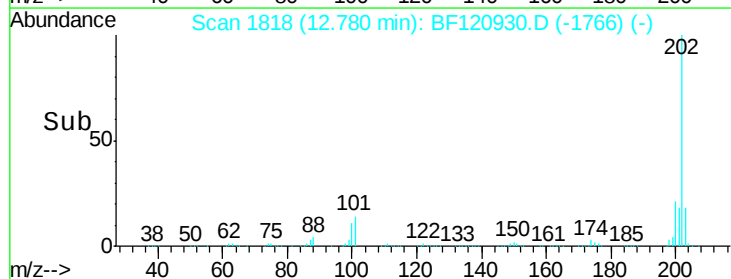
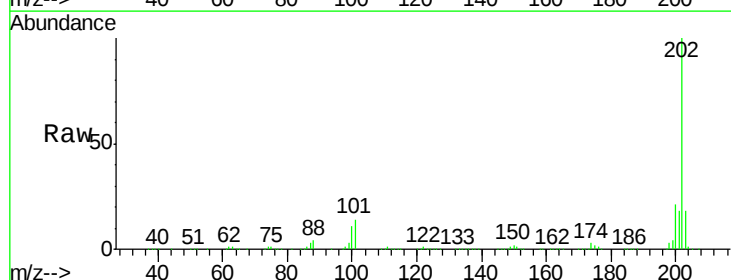
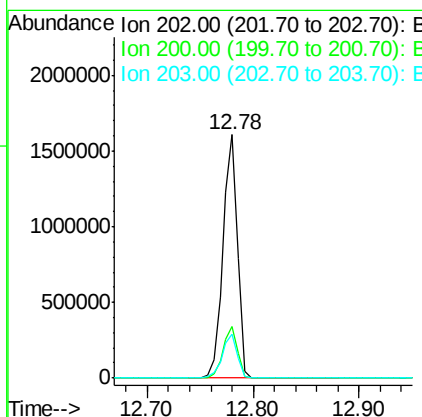
RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion:	202	Resp:	1543914
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.0	25.4
203	18.3	14.4	21.6





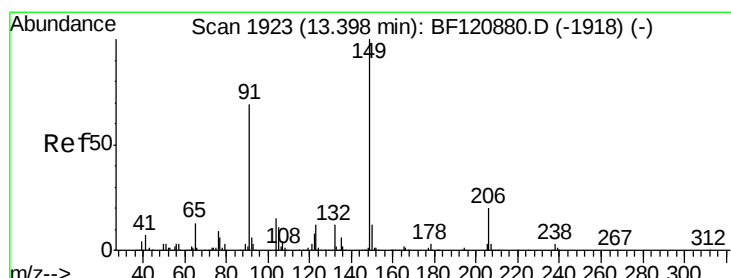
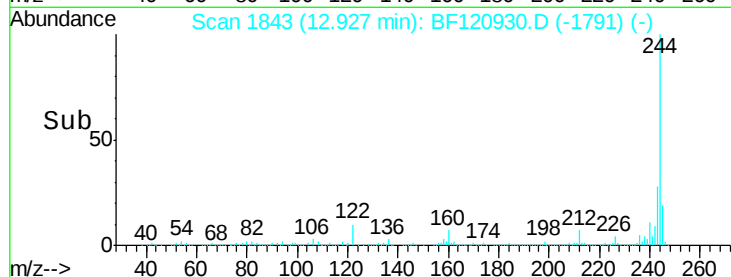
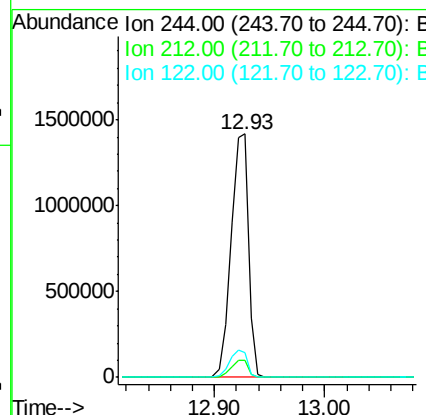
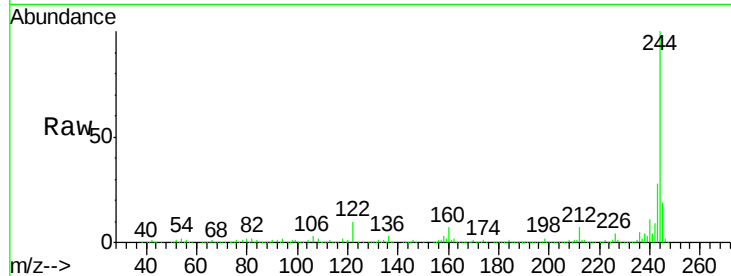
#79
 Terphenyl-d14
 Concen: 67.338 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130296BS

Tot Ion:244 Resp: 1572985
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.3 8.9 13.3

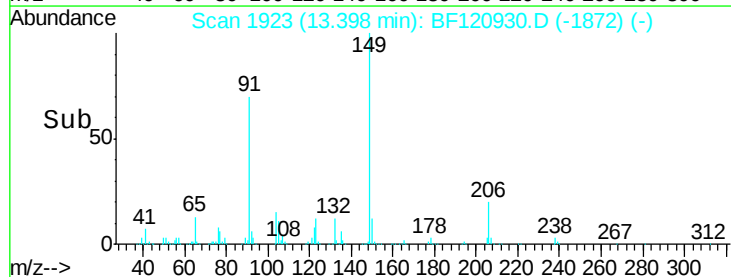
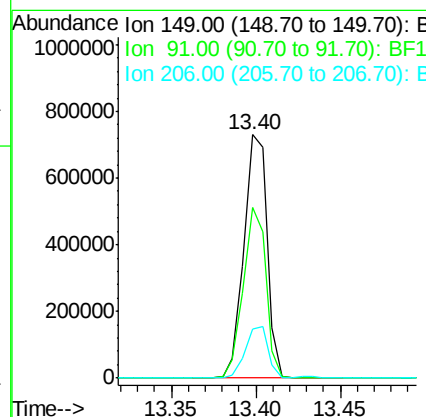
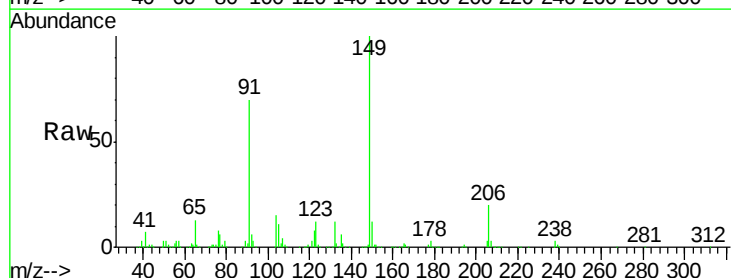
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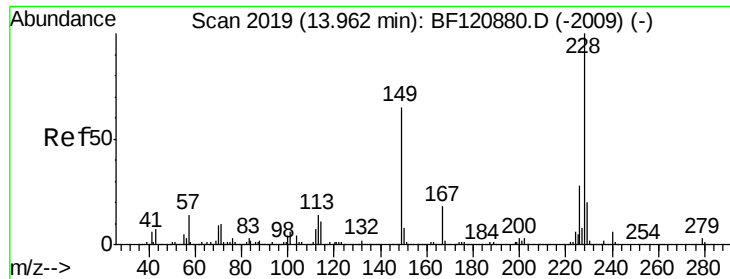
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#80
 Butylbenzylphthalate
 Concen: 43.841 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF120930.D
 Acq: 20 Jul 2020 13:25

Tgt Ion:149 Resp: 701629
 Ion Ratio Lower Upper
 149 100
 91 69.9 55.1 82.7
 206 20.2 16.1 24.1





#81

Benzo(a)anthracene

Concen: 40.505 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

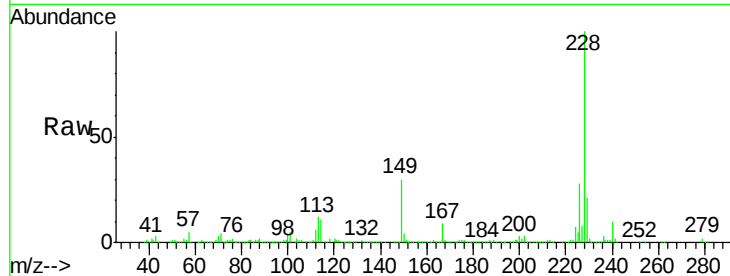
ClientSampleId :

PB130296BS

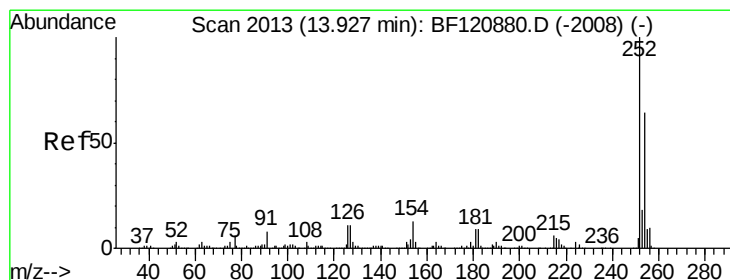
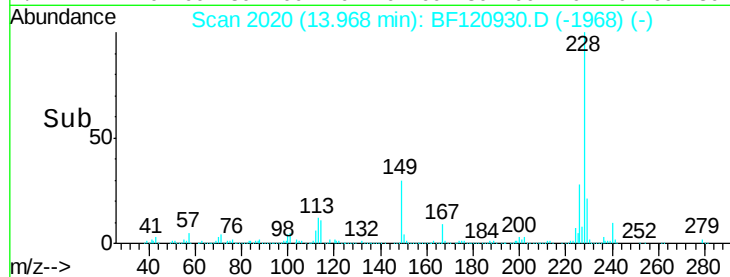
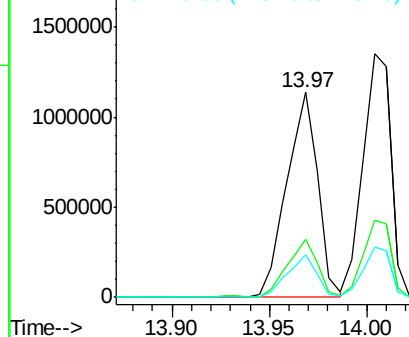
Tot Ion:	228	Resp:	1245491
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	20.5	16.1	24.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.916 ng

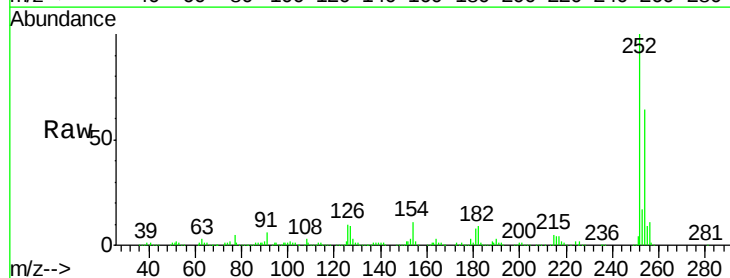
RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

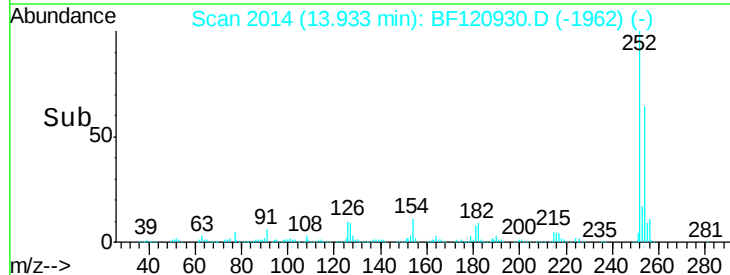
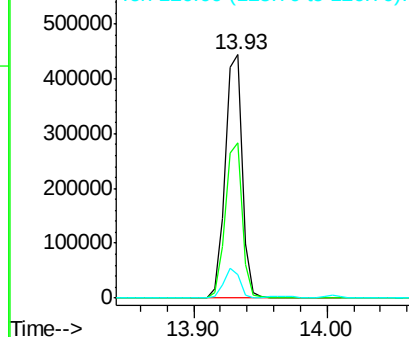
Lab File: BF120930.D

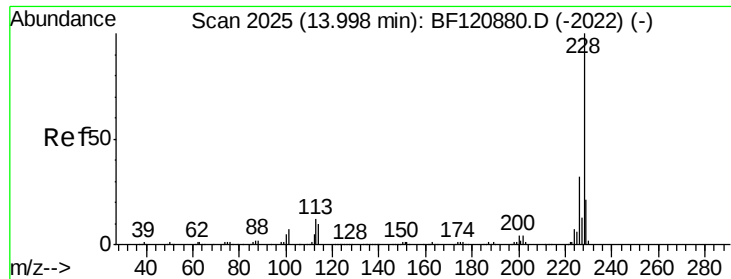
Acq: 20 Jul 2020 13:25

Tgt Ion:	252	Resp:	405048
Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.2	76.8
126	9.6	8.7	13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





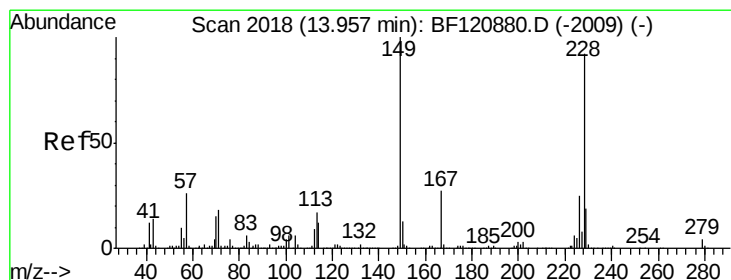
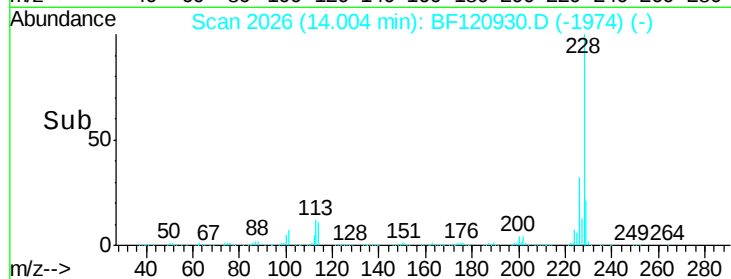
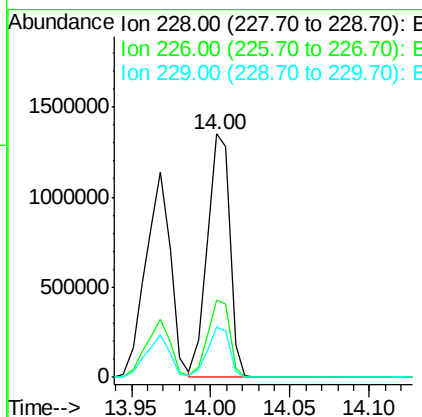
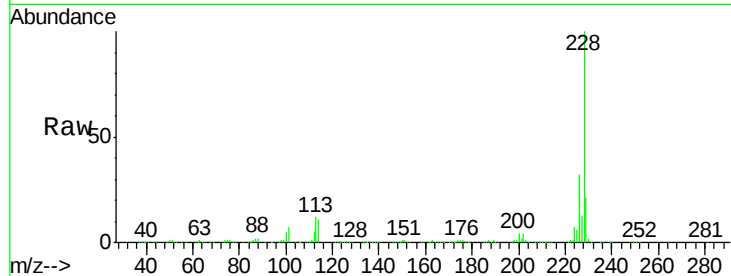
#83
Chrysene
Concen: 41.683 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion:228 Resp: 1346920
Ion Ratio Lower Upper
228 100
226 31.8 25.6 38.4
229 20.9 16.8 25.2

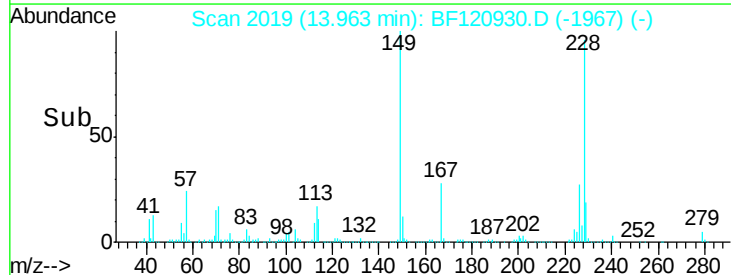
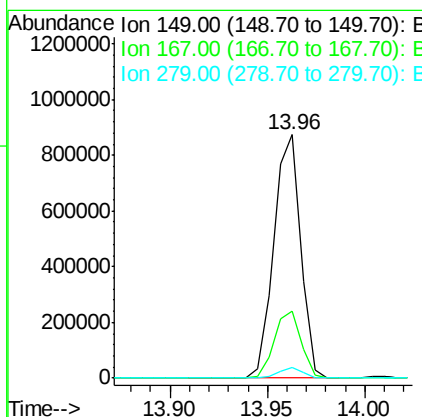
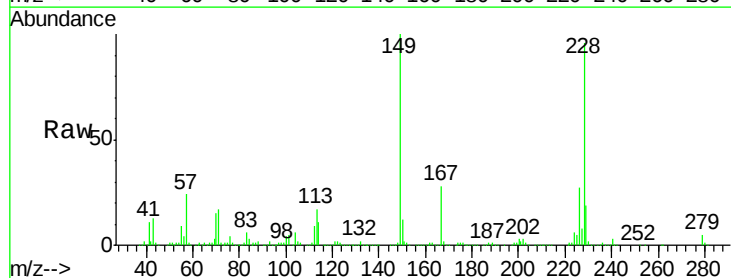
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.180 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion:149 Resp: 832408
Ion Ratio Lower Upper
149 100
167 27.6 21.9 32.9
279 4.5 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 41.749 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Instrument :

BNA_F

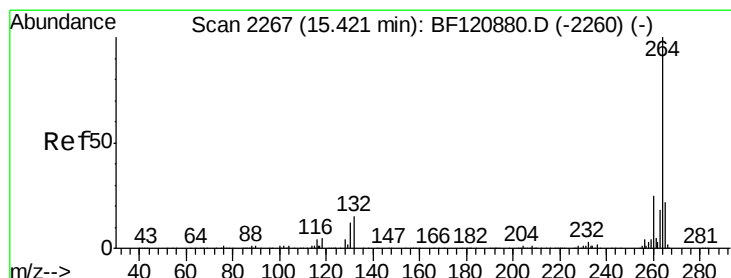
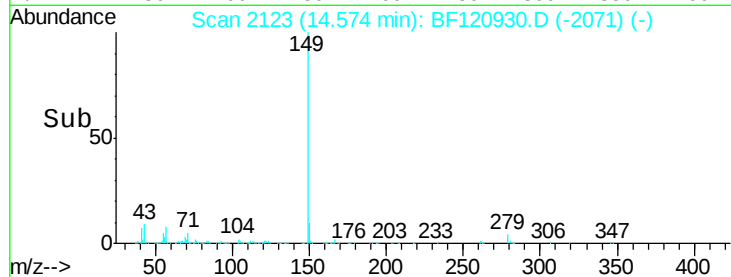
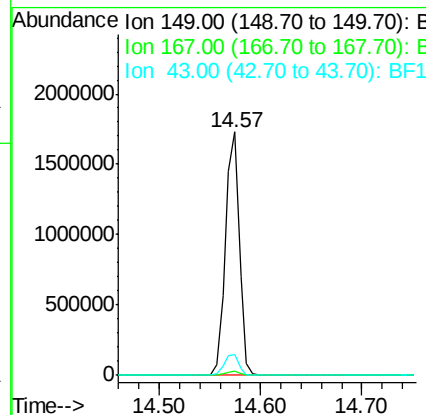
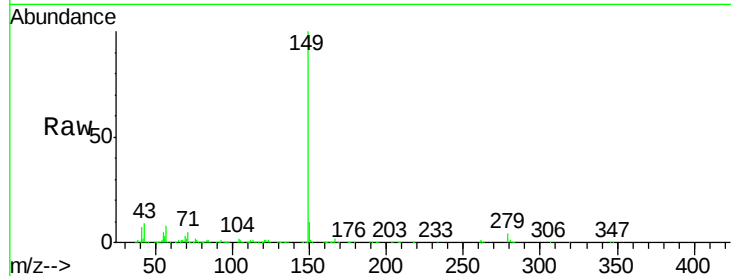
ClientSampleId :

PB130296BS

Tot Ion:	149	Resp:	1639157
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	7.6	11.4

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#86

Perylene-d12

Concen: 20.000 ng

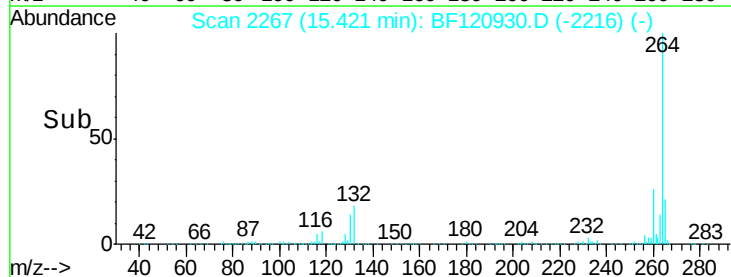
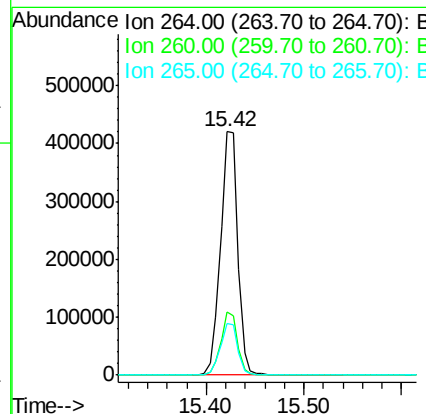
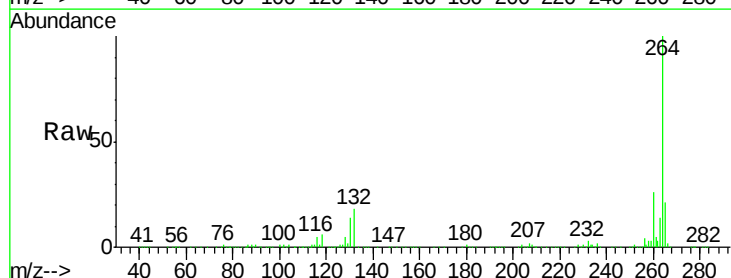
RT: 15.42 min Scan# 2267

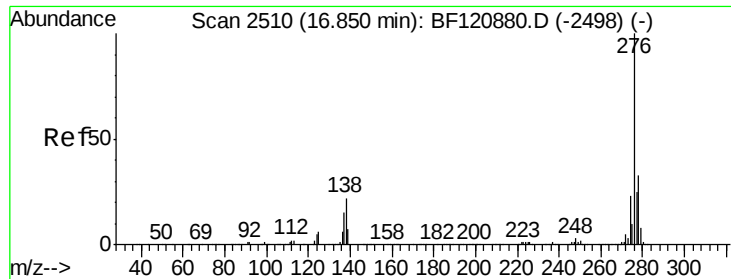
Delta R.T. 0.00 min

Lab File: BF120930.D

Acq: 20 Jul 2020 13:25

Tgt Ion:	264	Resp:	516227
Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.0	30.0
265	21.4	17.4	26.2





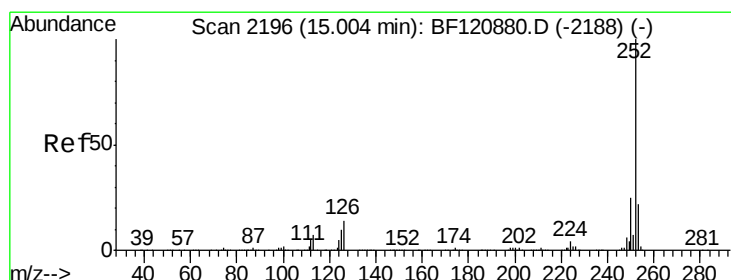
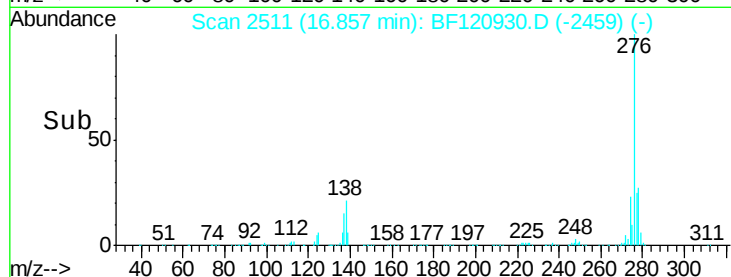
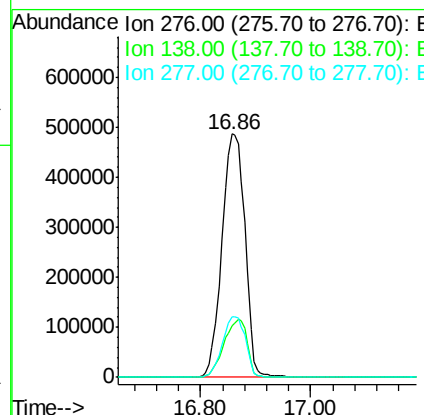
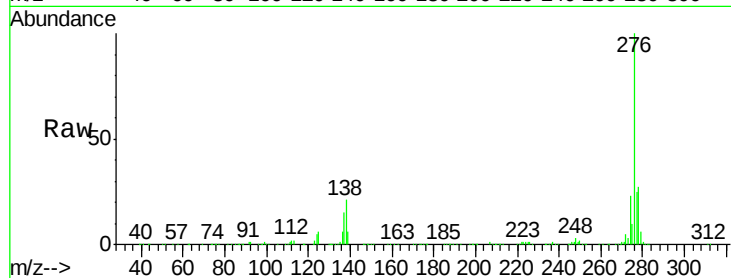
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.626 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.8	29.8
277	25.1	20.2	30.2

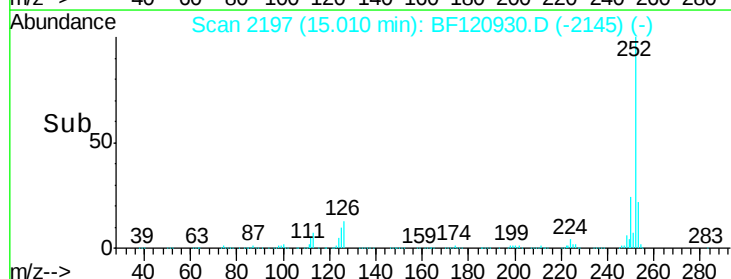
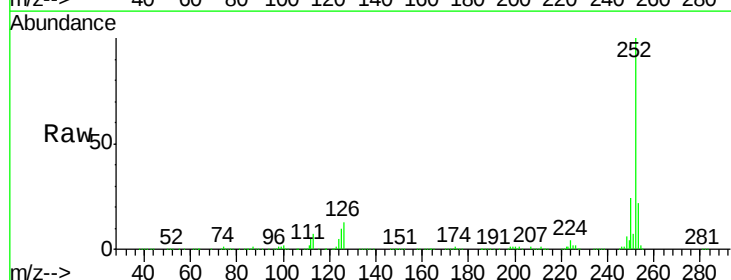
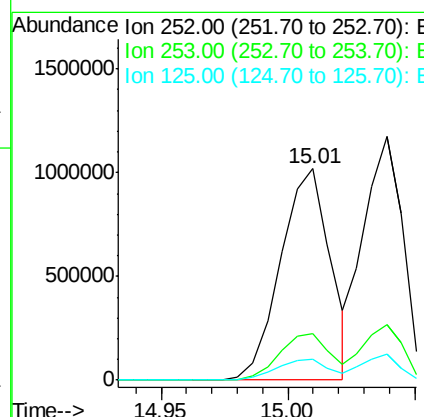
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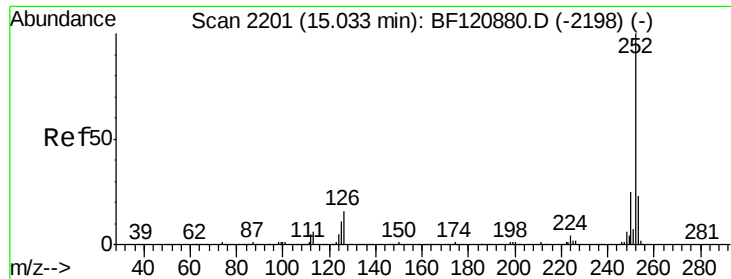
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#88
Benzo(b)fluoranthene
Concen: 44.452 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.2	8.3	12.5





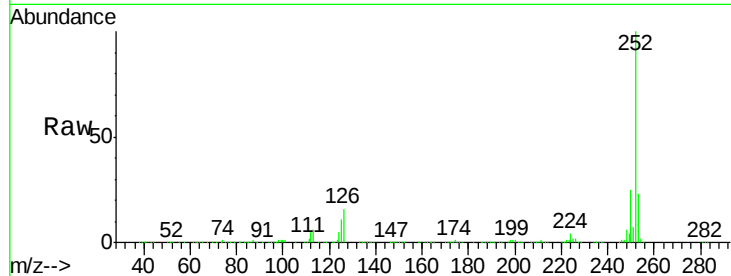
#89
Benzo(k)fluoranthene
Concen: 45.177 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.8	8.4	12.6

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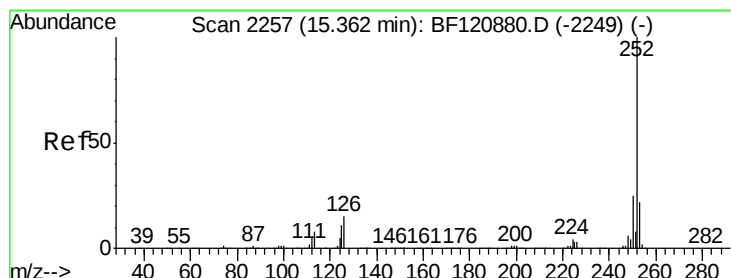
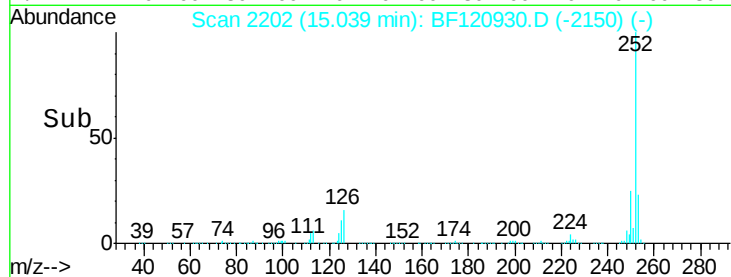
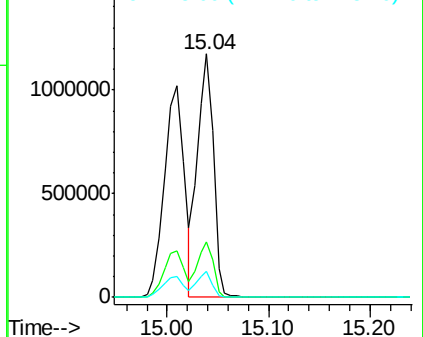


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 42.788 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

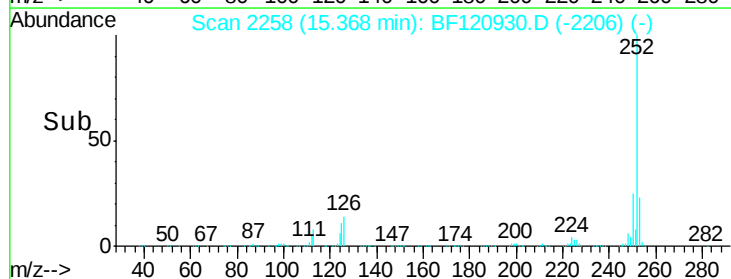
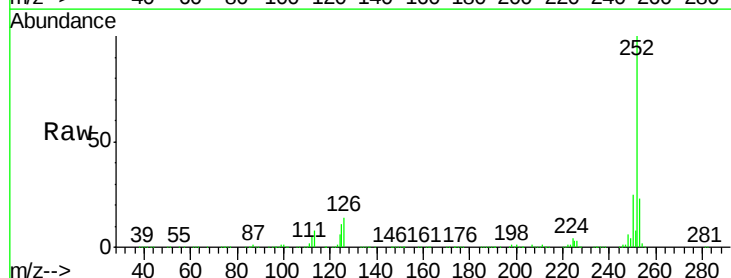
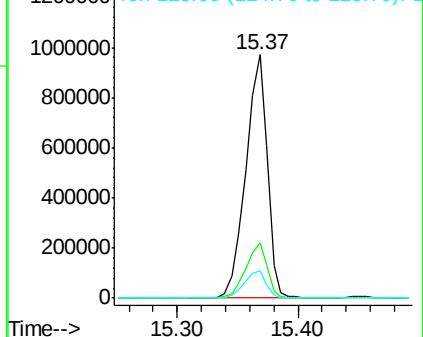
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.3	8.9	13.3

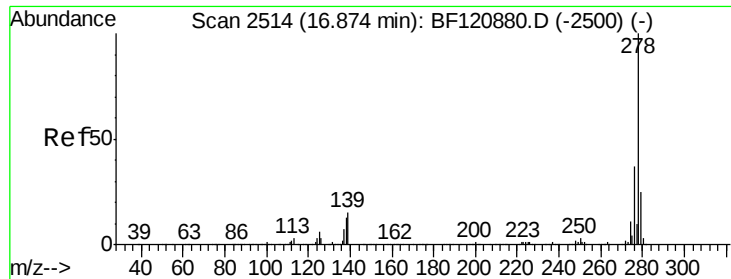
Abundance

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





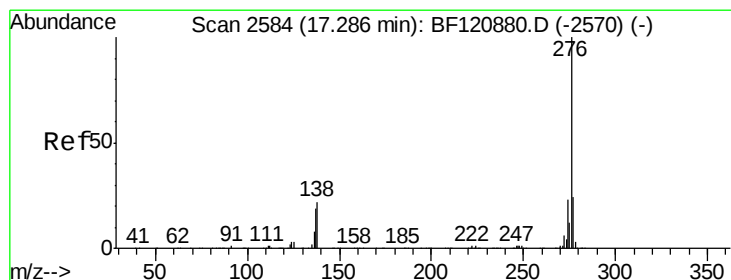
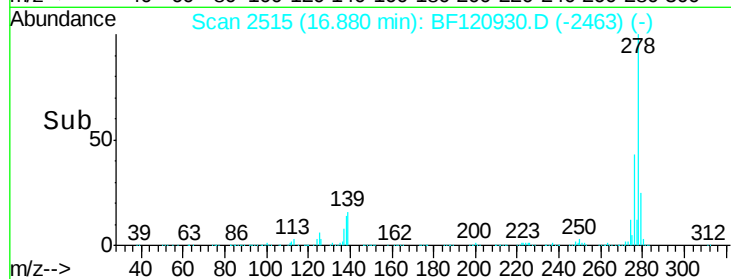
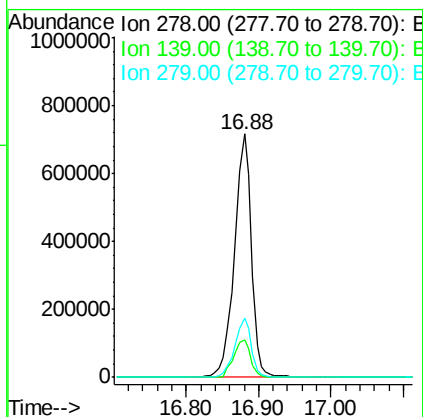
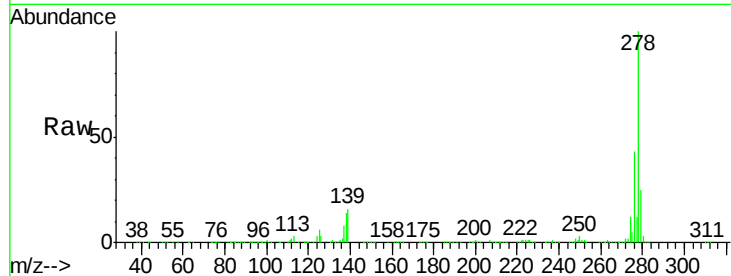
#91
Dibenzo(a,h)anthracene
Concen: 40.081 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Instrument :
BNA_F
ClientSampleId :
PB130296BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.3	18.5
279	24.5	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 39.035 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF120930.D
Acq: 20 Jul 2020 13:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.1	17.5	26.3

